

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\  
 Data File : VX015935.D  
 Acq On : 24 Apr 2020 17:05  
 Operator : JC/SP  
 Sample : VX0424WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0424WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/27/2020 12:40:04 PM

Quant Time: Apr 25 07:25:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042420W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 24 13:17:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 146691   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 273041   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 251628   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 121738   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 103091   | 49.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.54%  |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 75742    | 50.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.72% |      |
| 50) Toluene-d8            | 8.70   | 98  | 314897   | 49.95 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.90%  |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 123080   | 48.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.26%  |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 31066  | 19.262 | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 29715  | 17.877 | ug/l | 100    |
| 4) Vinyl Chloride             | 1.39 | 62  | 39552  | 18.594 | ug/l | 98     |
| 5) Bromomethane               | 1.63 | 94  | 19956  | 26.020 | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 23948  | 18.703 | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 47071  | 18.891 | ug/l | 100    |
| 8) Diethyl Ether              | 2.17 | 74  | 21270  | 17.937 | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 30008  | 18.931 | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 30899  | 20.117 | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.01 | 59  | 37529  | 84.333 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 30857  | 18.579 | ug/l | 99     |
| 13) Acrolein                  | 2.27 | 56  | 24121  | 87.338 | ug/l | 97     |
| 14) Allyl chloride            | 2.71 | 41  | 53941  | 18.377 | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 87708  | 90.175 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 67795  | 87.261 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.55 | 76  | 86570  | 18.726 | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 41138  | 17.508 | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 108926 | 18.312 | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 35654  | 18.552 | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 33652  | 18.135 | ug/l | 97     |
| 22) Diisopropyl ether         | 3.82 | 45  | 107050 | 18.467 | ug/l | 92     |
| 23) Vinyl Acetate             | 3.78 | 43  | 438651 | 92.621 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 61158  | 18.443 | ug/l | 99     |
| 25) 2-Butanone                | 4.63 | 43  | 111356 | 88.027 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 54565  | 18.648 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 38642  | 18.357 | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 27604  | 18.831 | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42  | 73851  | 88.622 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 60497  | 18.455 | ug/l | 98     |
| 31) Cyclohexane               | 5.55 | 56  | 56318  | 18.131 | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.47 | 97  | 53384  | 18.102 | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 47186  | 18.108 | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 45463  | 17.393 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 43813  | 18.399 | ug/l | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\  
 Data File : VX015935.D  
 Acq On : 24 Apr 2020 17:05  
 Operator : JC/SP  
 Sample : VX0424WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0424WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/27/2020 12:40:04 PM

Quant Time: Apr 25 07:25:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042420W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 24 13:17:59 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 58881    | 18.641  | ug/l   | 97       |
| 40) Benzene                    | 6.12  | 78   | 139865   | 18.340  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.00  | 41   | 25549    | 17.244  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 50581    | 18.953  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 77186    | 17.974  | ug/l   | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 43069    | 18.347  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 35478    | 18.181  | ug/l   | 100      |
| 46) Dibromomethane             | 7.64  | 93   | 23577    | 18.092  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.88  | 83   | 48028    | 18.110  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.74  | 41   | 37543    | 17.779  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 16066    | 342.084 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 227286   | 90.281  | ug/l   | 99       |
| 52) Toluene                    | 8.77  | 92   | 88309    | 18.254  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 57293    | 17.916  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 61425    | 18.362  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 34687    | 17.953  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 55635    | 17.874  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 60287    | 18.238  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 144950   | 94.242  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 168481   | 88.135  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 33944    | 17.691  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 36258    | 18.143  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 47539    | 18.986  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.12 | 112  | 92316    | 18.479  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 33079    | 18.686  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.24 | 91   | 172148   | 18.690  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 127006   | 37.652  | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 60944    | 18.515  | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 104227   | 18.359  | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 21297    | 17.432  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 165687   | 18.311  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 70286    | 17.885  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 35723    | 17.470  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 48393m   | 18.532  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 36343    | 17.683  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.35 | 91   | 191947   | 17.967  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.41 | 91   | 115089   | 18.275  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 140006   | 18.201  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 19133    | 16.504  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 134758   | 17.928  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 115896   | 17.919  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 141626   | 17.956  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 159585   | 18.021  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 147173   | 18.225  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 68395    | 18.098  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 70212    | 18.043  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 136917   | 17.991  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 22364    | 17.749  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 66981    | 18.279  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 10937    | 16.800  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\  
Data File : VX015935.D  
Acq On : 24 Apr 2020 17:05  
Operator : JC/SP  
Sample : VX0424WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

Manual Integrations  
APPROVED

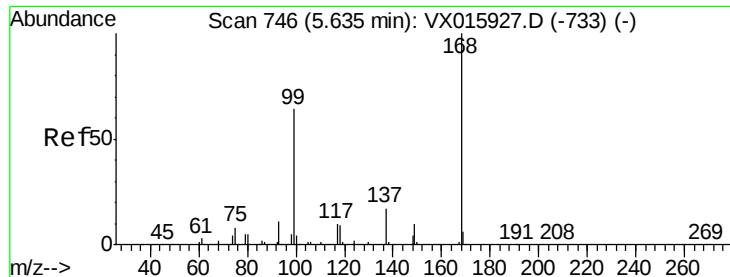
MMDadoda  
4/27/2020 12:40:04 PM

Quant Time: Apr 25 07:25:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042420W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 24 13:17:59 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 42112    | 17.814 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 15794    | 18.847 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 150928   | 17.555 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 39964    | 17.868 | ug/l  | 94       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion:168 Resp: 146691

Ion Ratio Lower Upper

168 100

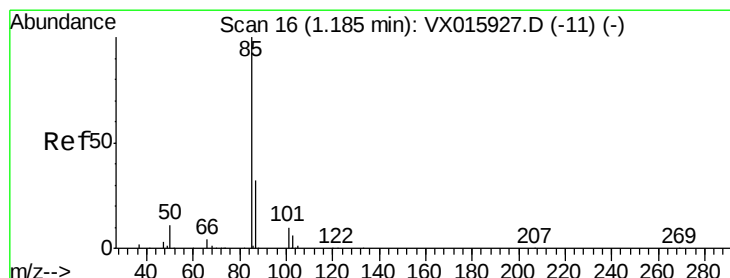
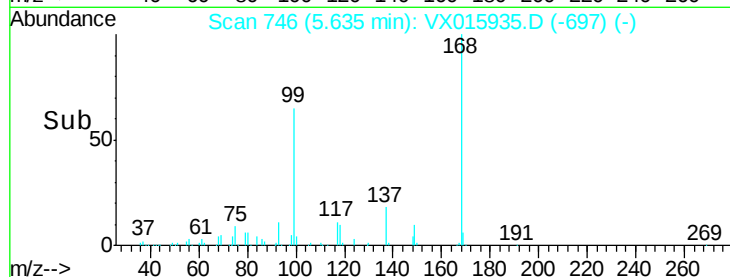
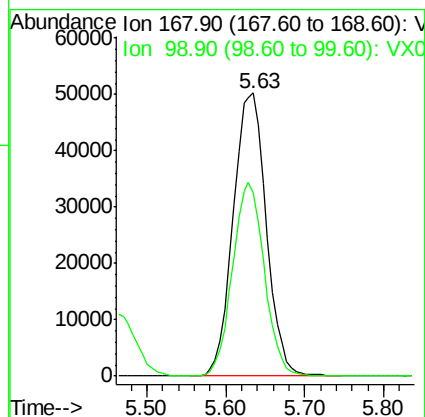
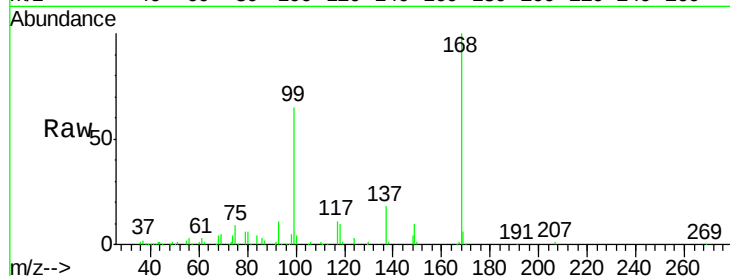
99 64.6 51.2 76.8

Manual Integrations

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4/27/2020 12:40:04 PM



#2

Dichlorodifluoromethane

Concen: 19.262 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015935.D

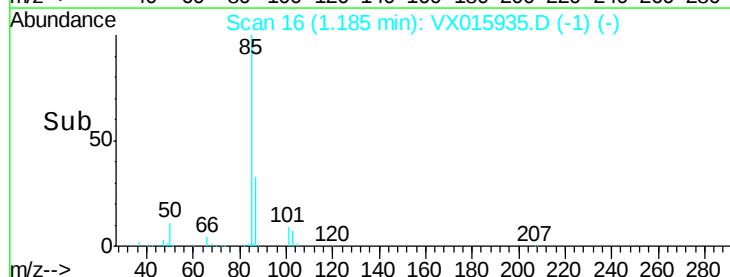
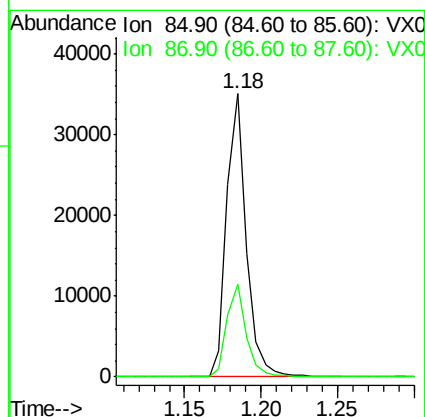
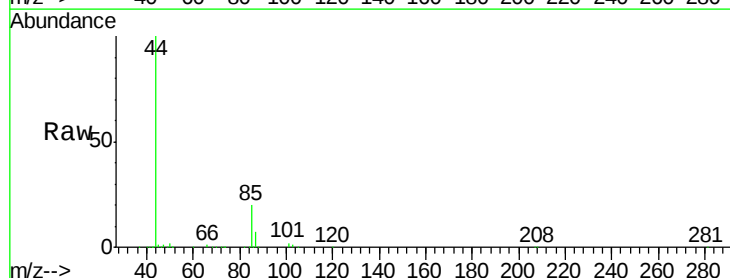
Acq: 24 Apr 2020 17:05

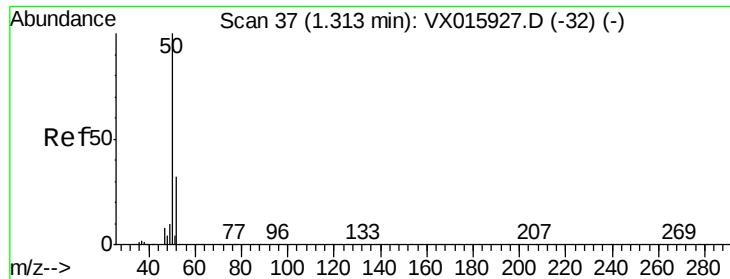
Tgt Ion: 85 Resp: 31066

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0





#3

Chloromethane

Concen: 17.877 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 50 Resp: 29715

Ion Ratio Lower Upper

50 100

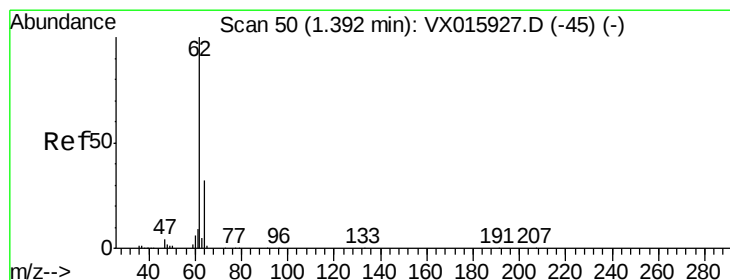
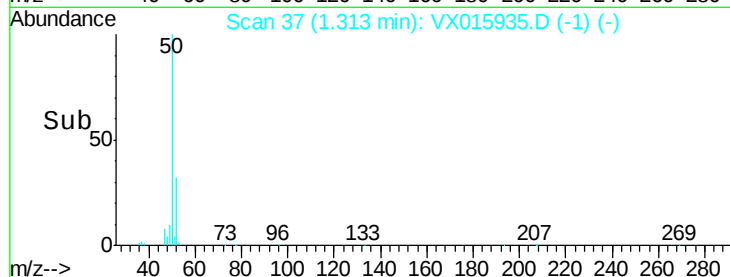
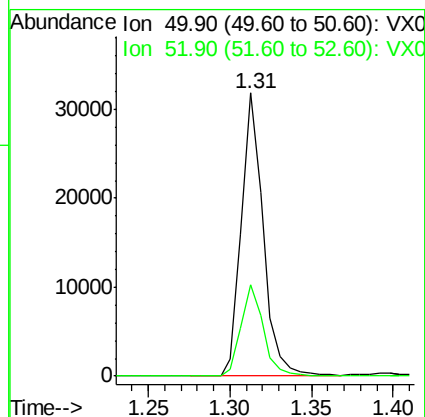
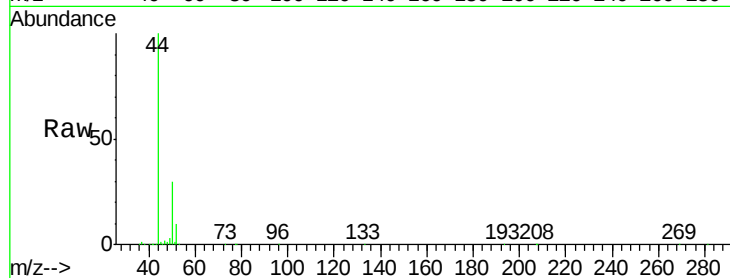
52 32.2 25.9 38.9

Manual Integrations

APPROVED

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4/27/2020 12:40:04 PM



#4

Vinyl Chloride

Concen: 18.594 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015935.D

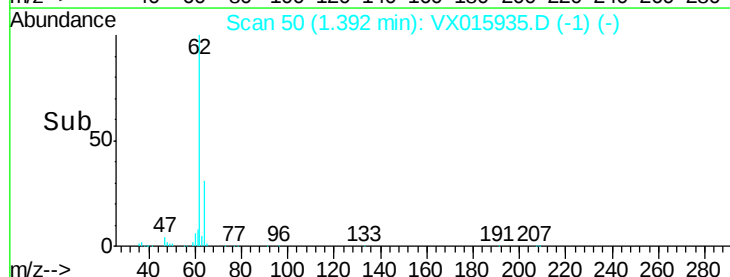
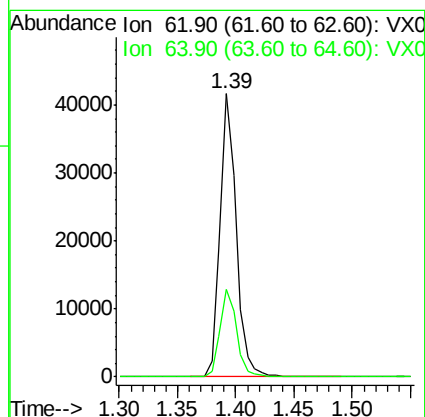
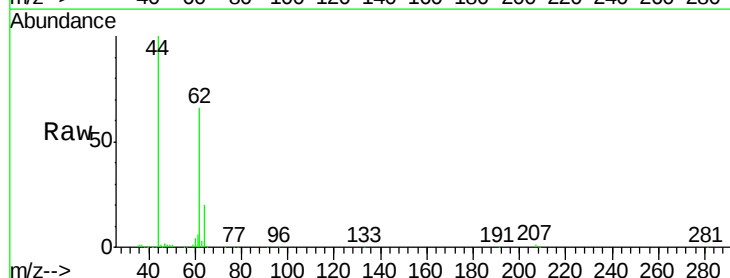
Acq: 24 Apr 2020 17:05

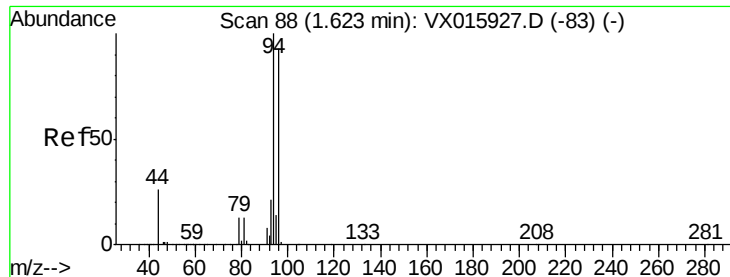
Tgt Ion: 62 Resp: 39552

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 26.020 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 94 Resp: 19956

Ion Ratio Lower Upper

94 100

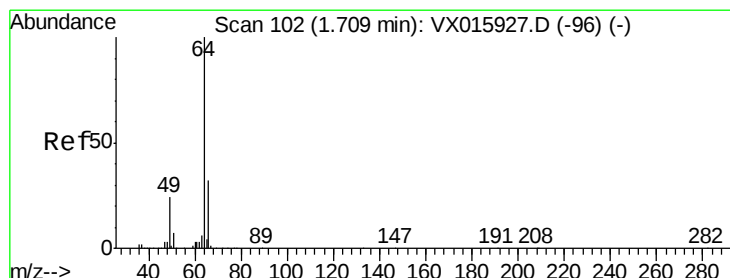
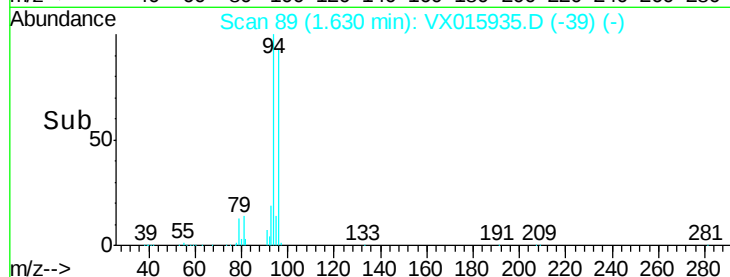
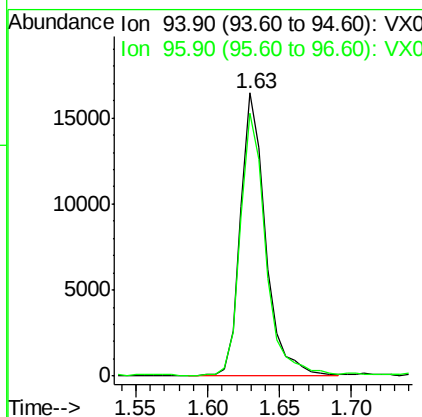
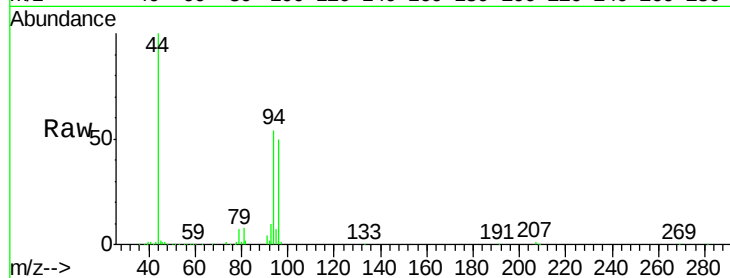
96 93.0 74.8 112.2

Manual Integrations

APPROVED

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4/27/2020 12:40:04 PM



#6

Chloroethane

Concen: 18.703 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015935.D

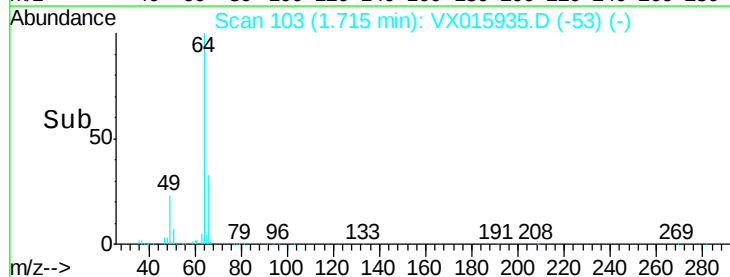
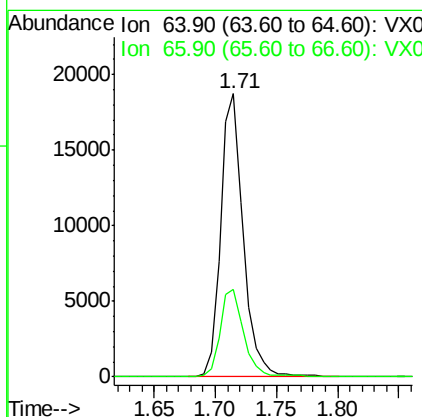
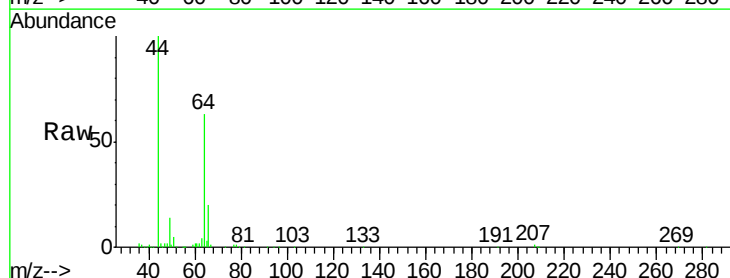
Acq: 24 Apr 2020 17:05

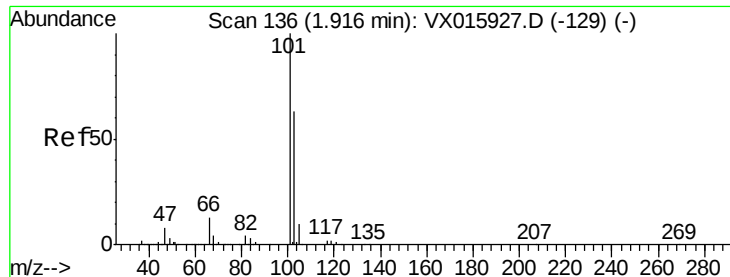
Tgt Ion: 64 Resp: 23948

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.8





#7

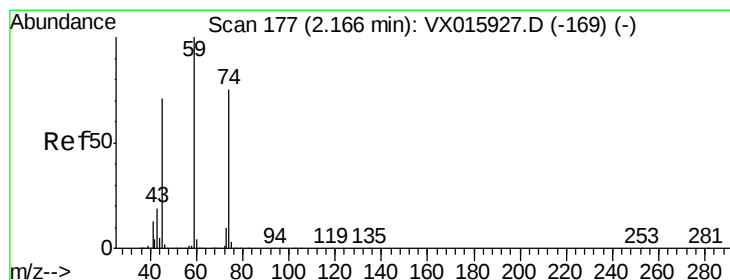
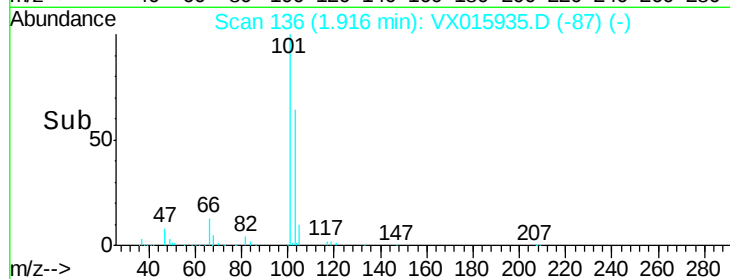
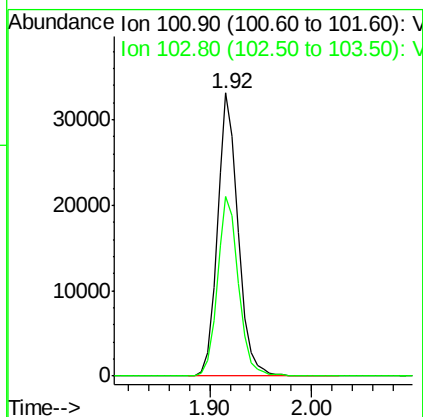
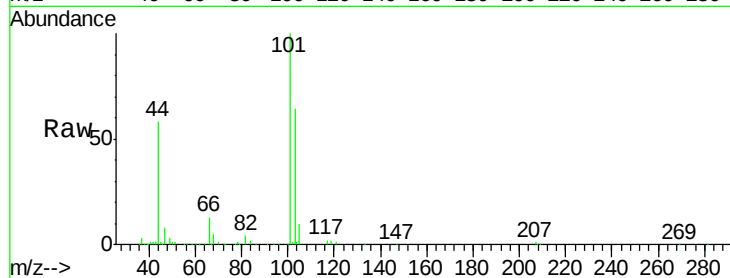
Trichlorofluoromethane  
Concen: 18.891 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 101     | 100  |       | 47071 |       |       |
| 103     | 63.7 | 50.8  | 76.2  |       |       |

Manual Integrations  
APPROVED

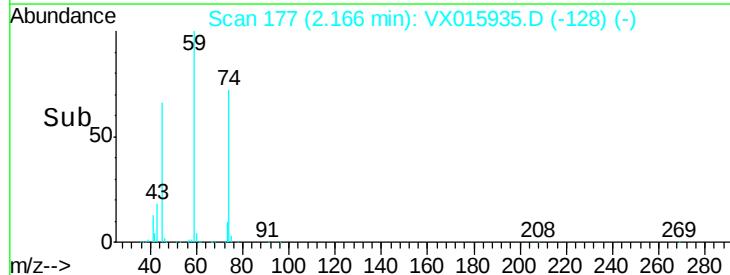
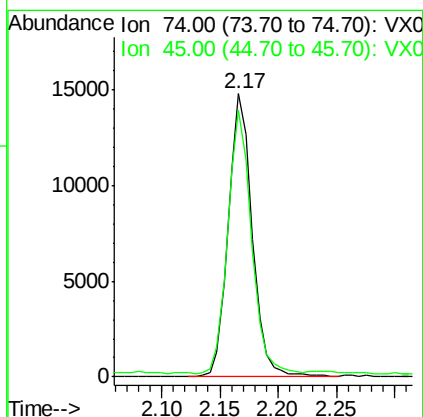
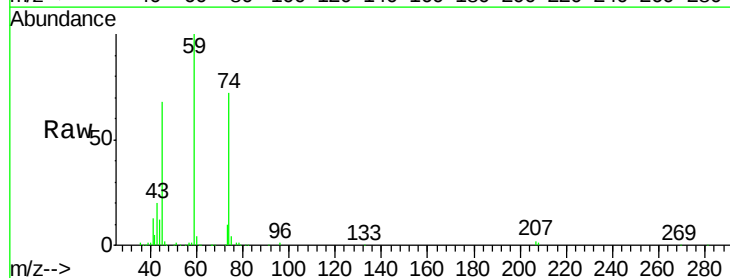
MMDadoda  
4/27/2020 12:40:04 PM

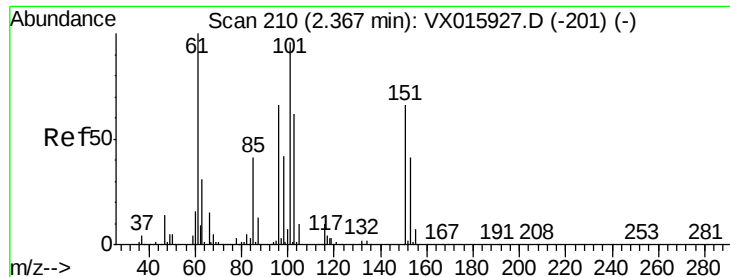


#8

Diethyl Ether  
Concen: 17.937 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 21270 |       |       |
| 45      | 91.1 | 46.9  | 140.7 |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.931 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

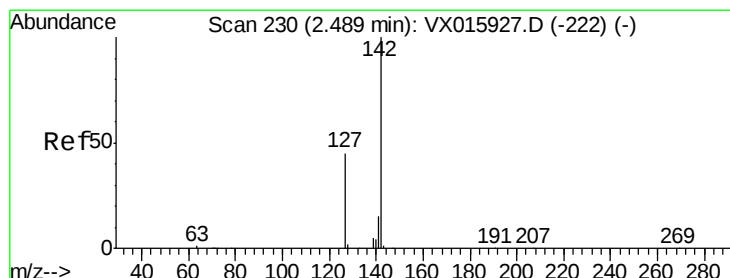
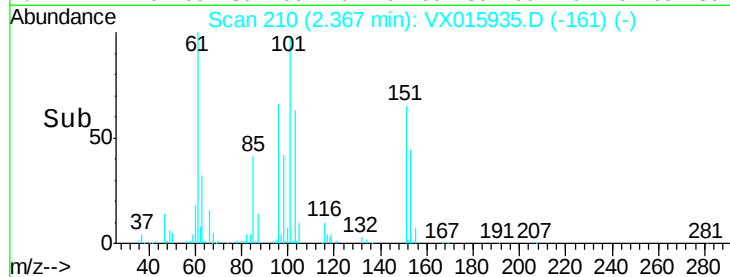
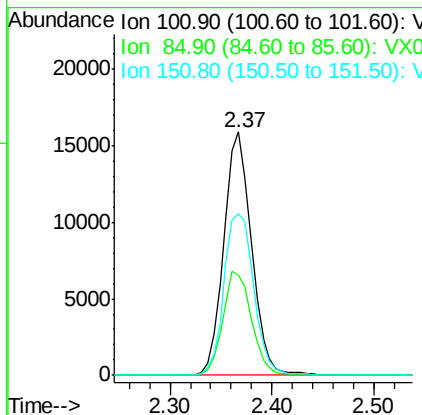
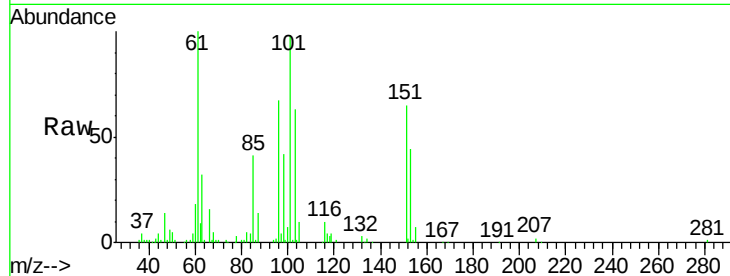
ClientSampleId :

VX0424WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 30008 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.9  | 34.9  | 52.3  |
| 151       | 71.3  | 55.8  | 83.6  |

Manual Integrations  
APPROVED

MMDadoda  
4/27/2020 12:40:04 PM



#10

Methyl Iodide

Concen: 20.117 ug/l

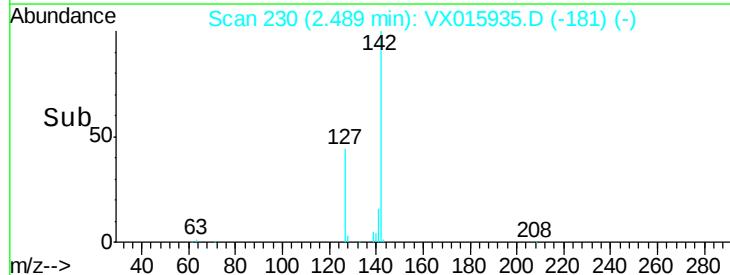
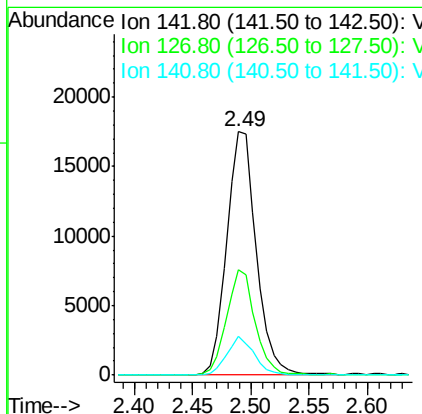
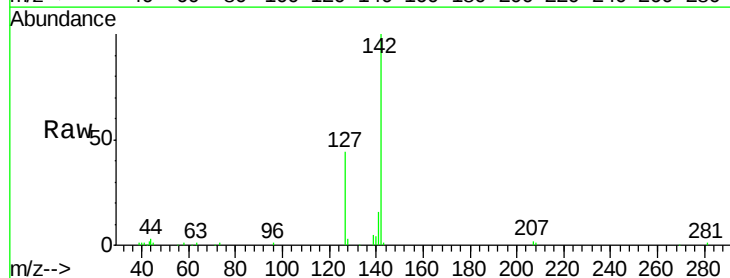
RT: 2.49 min Scan# 230

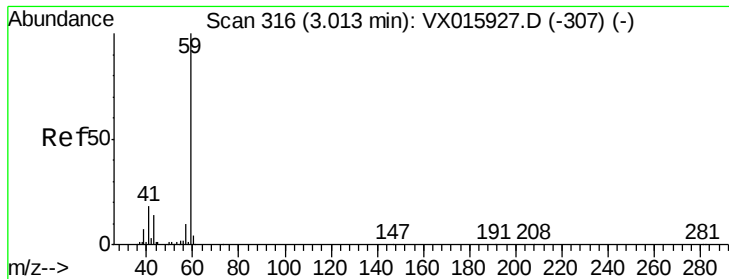
Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 30899 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.9  | 34.4  | 51.6  |
| 141       | 14.3  | 11.5  | 17.3  |





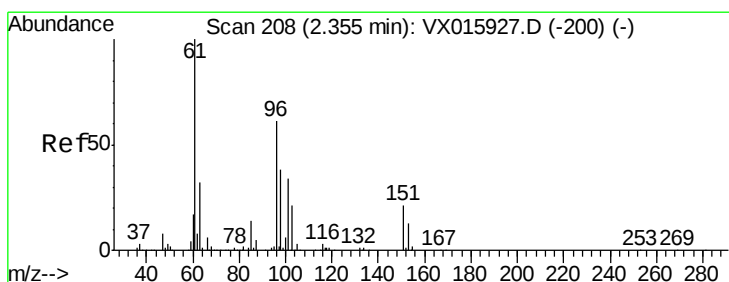
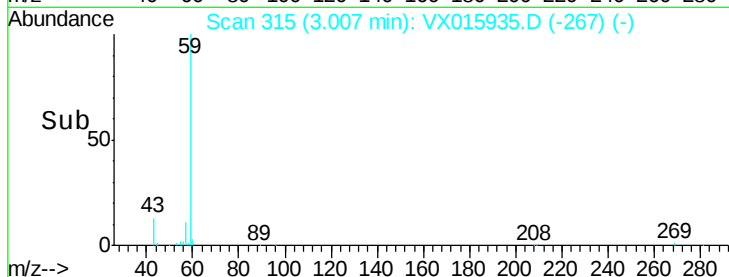
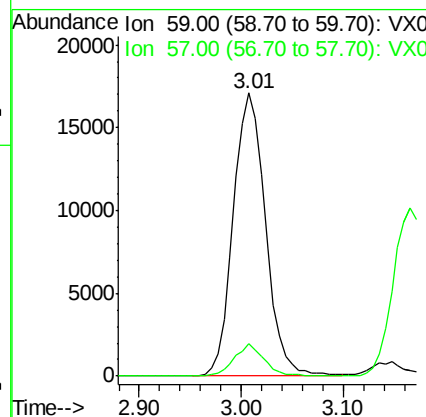
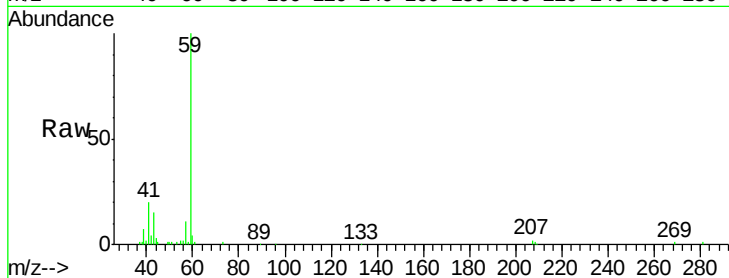
#11  
Tert butyl alcohol  
Concen: 84.333 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion   | 59   | Resp  | 37529 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.4 | 8.4   | 12.6  |

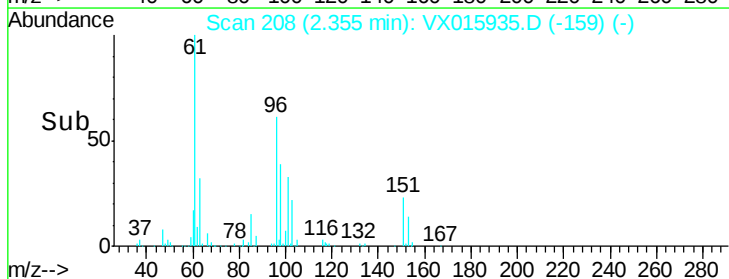
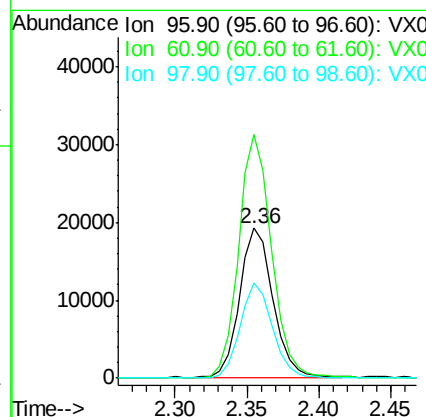
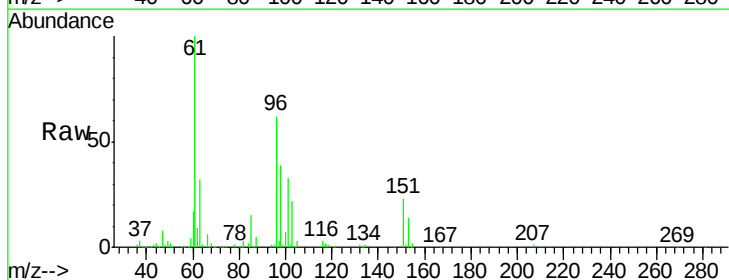
Manual Integrations  
APPROVED

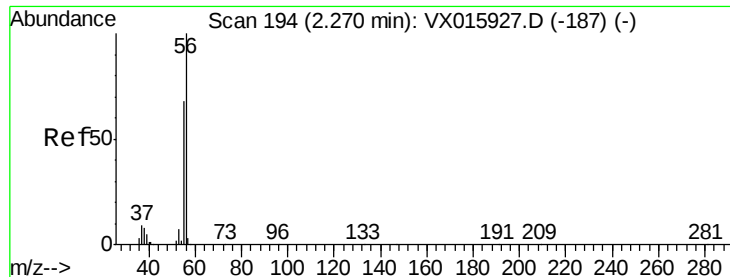
MMDadoda  
4/27/2020 12:40:04 PM



#12  
1,1-Dichloroethene  
Concen: 18.579 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion   | 96    | Resp  | 30857 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 163.2 | 131.2 | 196.8 |
| 98        | 63.6  | 50.2  | 75.4  |





#13

Acrolein

Concen: 87.338 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 56 Resp: 24121

Ion Ratio Lower Upper

56 100

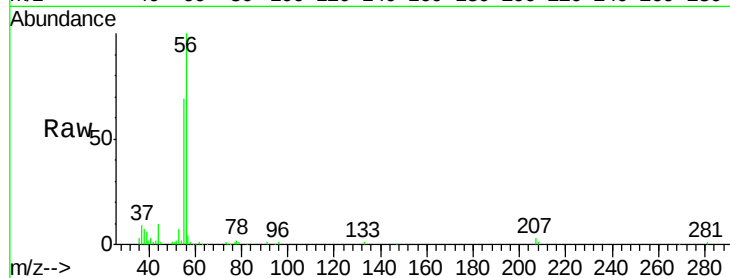
55 67.8 56.0 84.0

Manual Integrations

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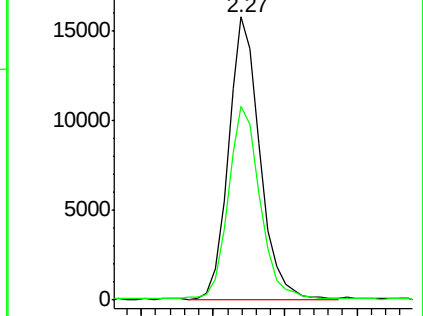
MMDadoda

4/27/2020 12:40:04 PM

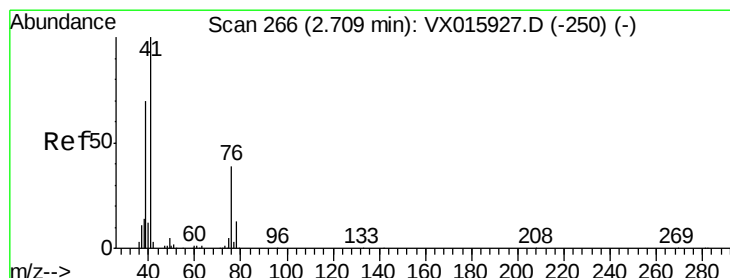
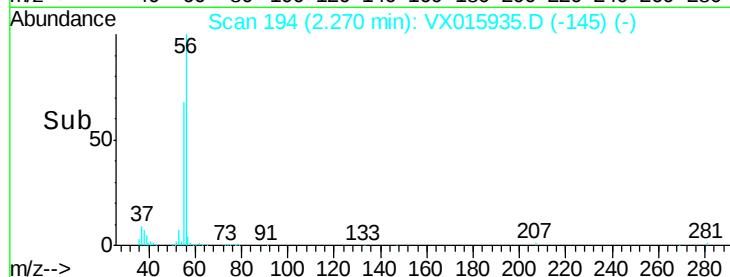


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 18.377 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

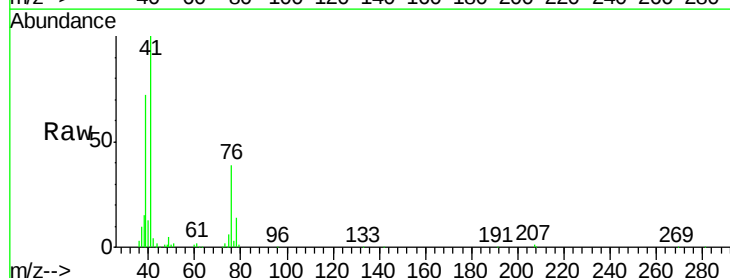
Tgt Ion: 41 Resp: 53941

Ion Ratio Lower Upper

41 100

39 64.9 51.6 77.4

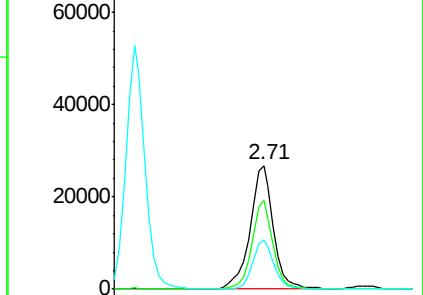
76 35.3 29.3 43.9



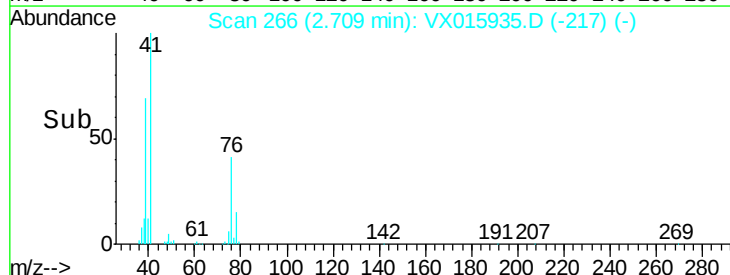
Abundance Ion 41.00 (40.70 to 41.70): VX0

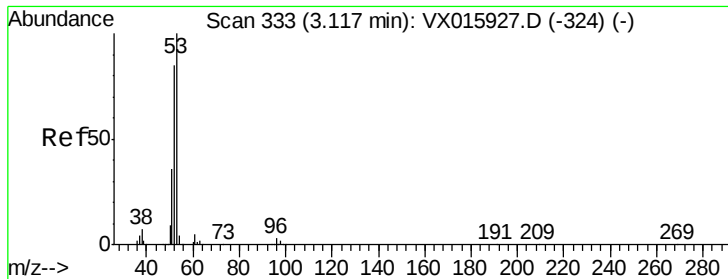
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 90.175 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

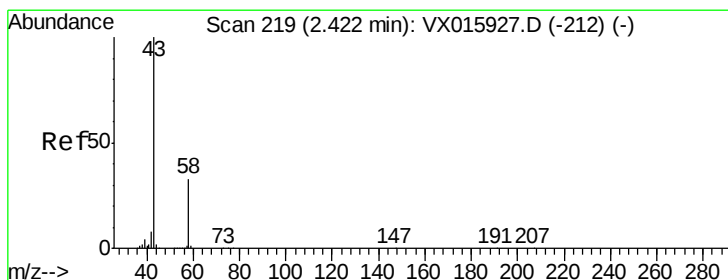
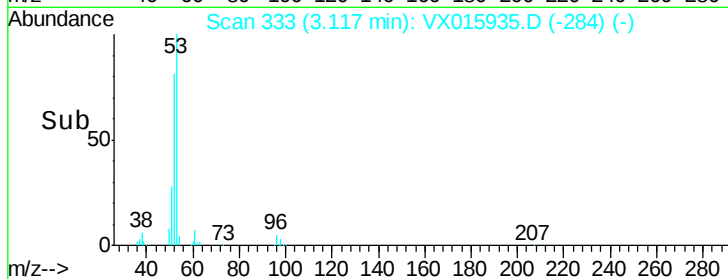
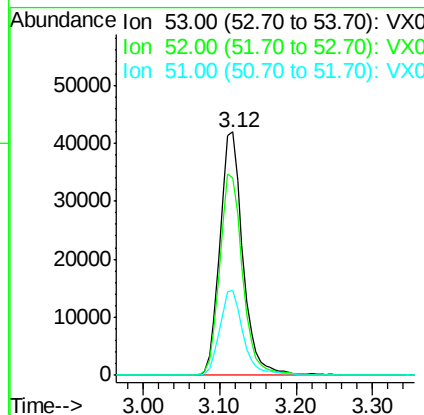
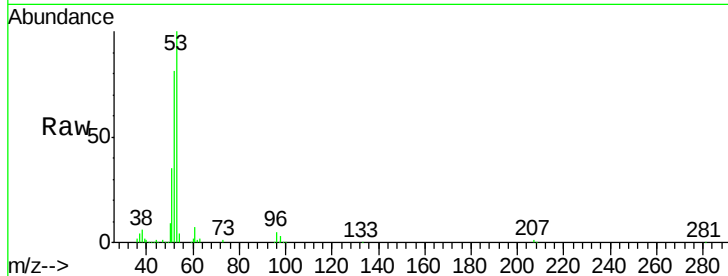
ClientSampleId :

VX0424WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 87708 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.3  | 65.5  | 98.3  |
| 51       | 35.7  | 28.2  | 42.2  |

Manual Integrations  
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MMDadoda  
4/27/2020 12:40:04 PM



#16

Acetone

Concen: 87.261 ug/l

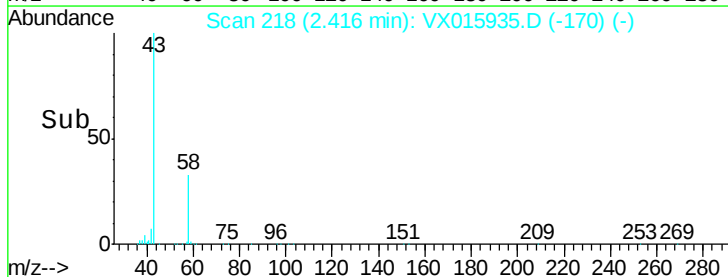
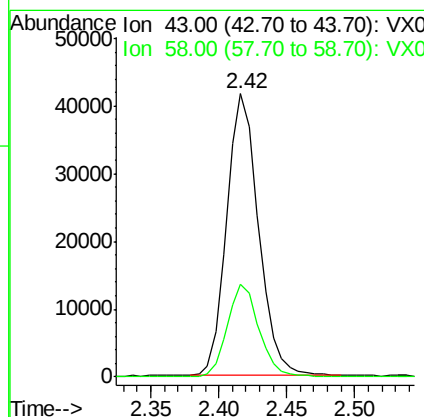
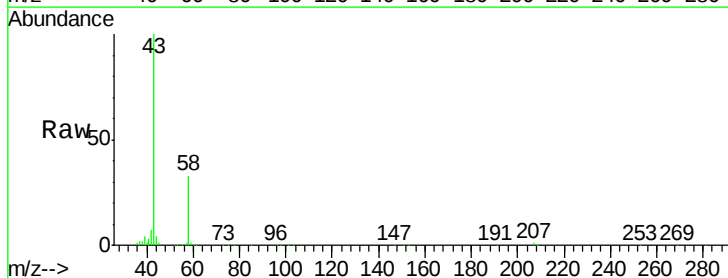
RT: 2.42 min Scan# 218

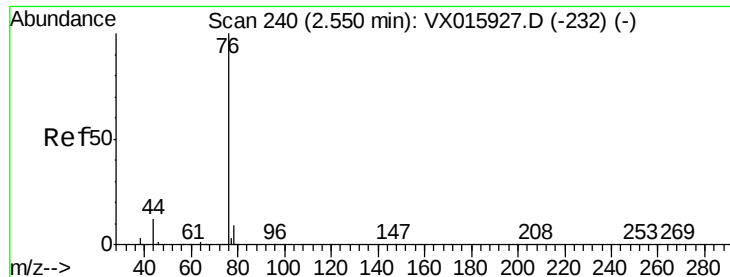
Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 67795 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.8  | 26.4  | 39.6  |





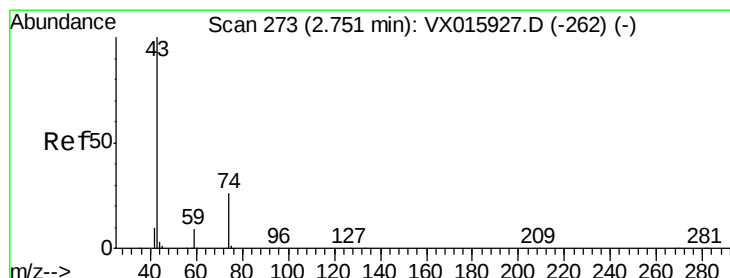
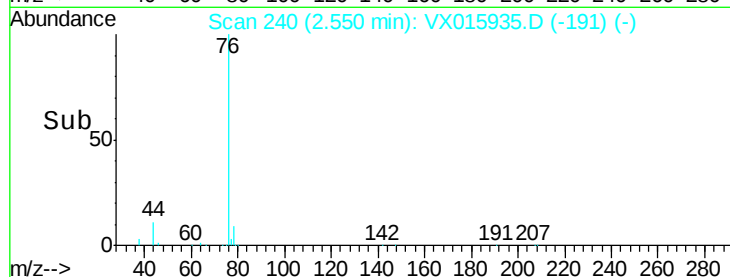
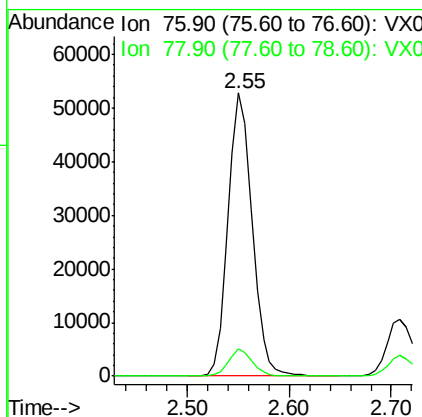
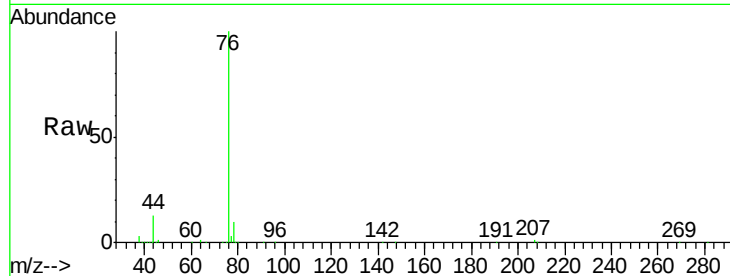
#17  
Carbon Disulfide  
Concen: 18.726 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.4   | 7.4   | 11.2  |

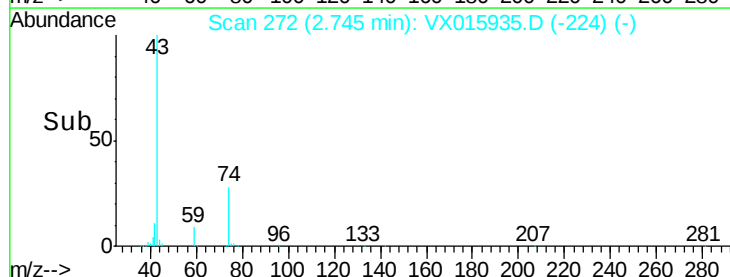
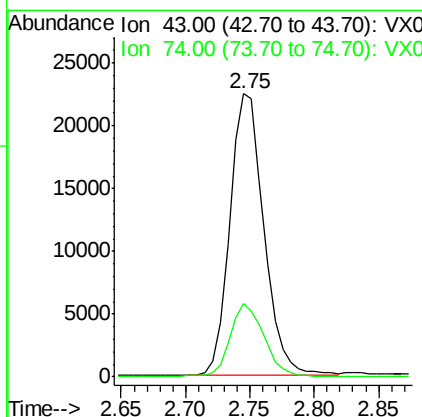
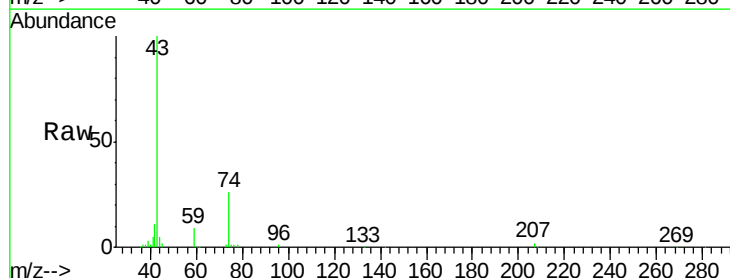
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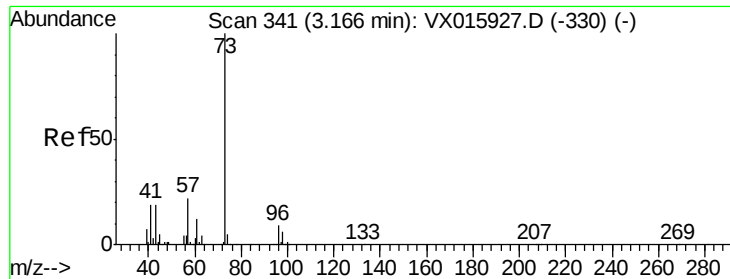
MMDadoda  
4/27/2020 12:40:04 PM



#18  
Methyl Acetate  
Concen: 17.508 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.3  | 21.0  | 31.4  |





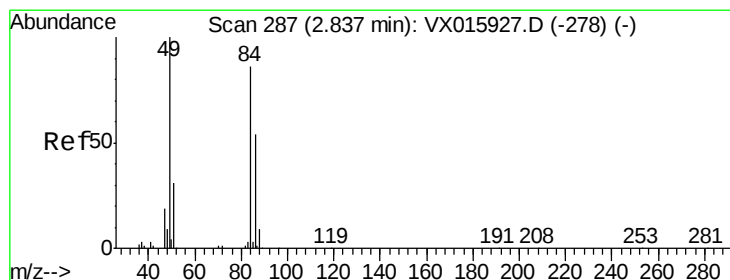
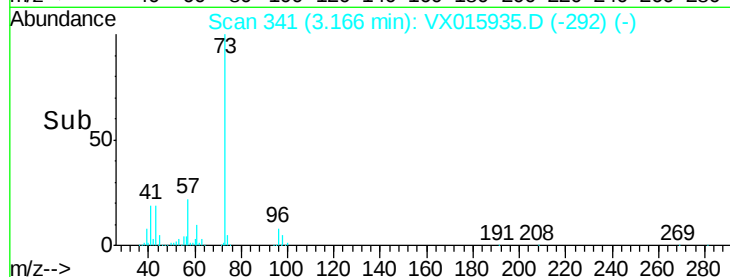
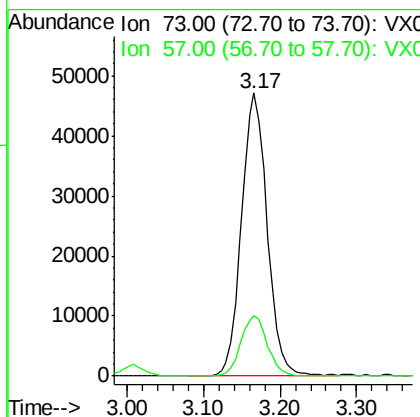
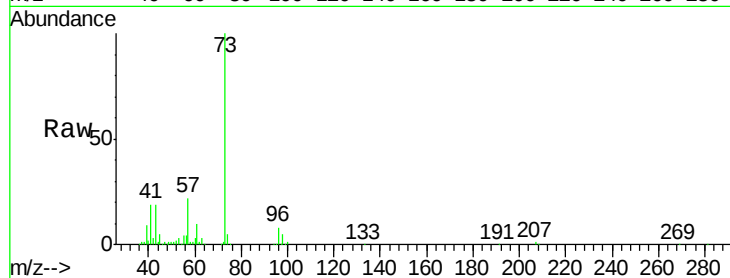
#19  
Methvl tert-butvl Ether  
Concen: 18.312 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.6  | 17.3  | 25.9  |

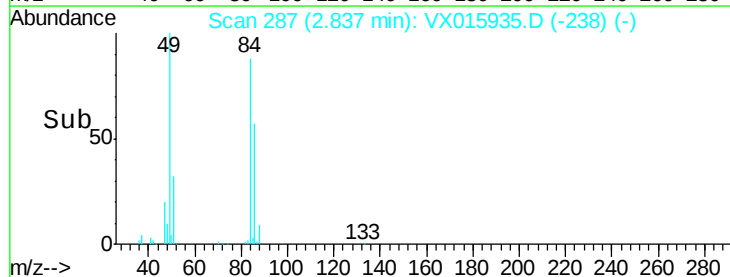
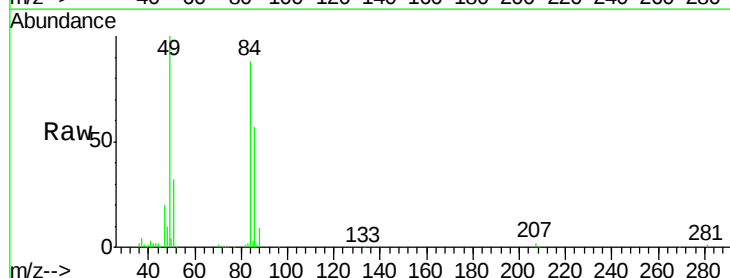
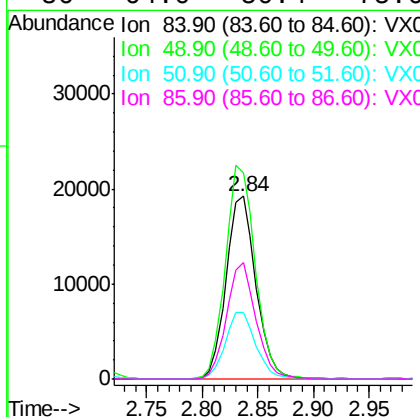
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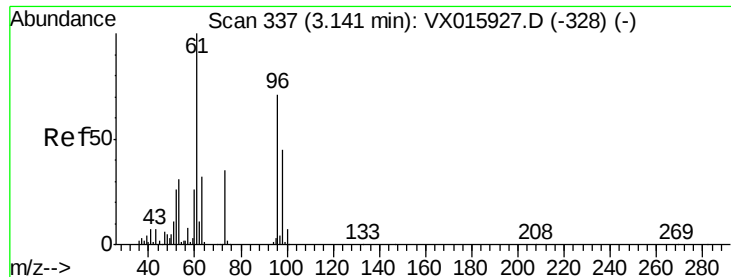
MMDadoda  
4/27/2020 12:40:04 PM



#20  
Methylene Chloride  
Concen: 18.552 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 113.0 | 93.0  | 139.6 |
| 51      | 36.2  | 28.6  | 43.0  |
| 86      | 64.0  | 50.4  | 75.6  |





#21

trans-1,2-Dichloroethene

Concen: 18.135 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 96 Resp: 33652

Ion Ratio Lower Upper

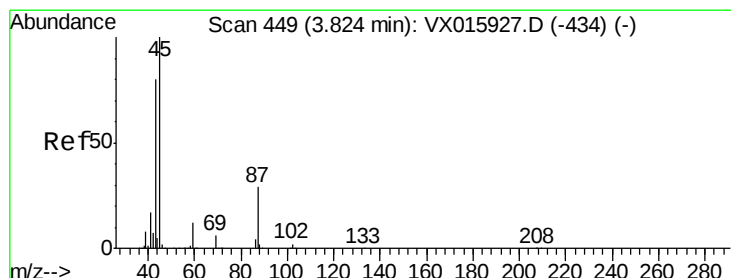
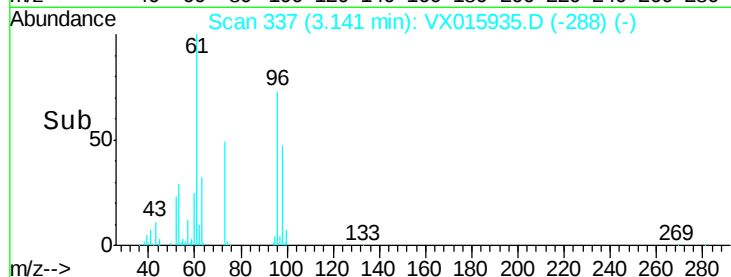
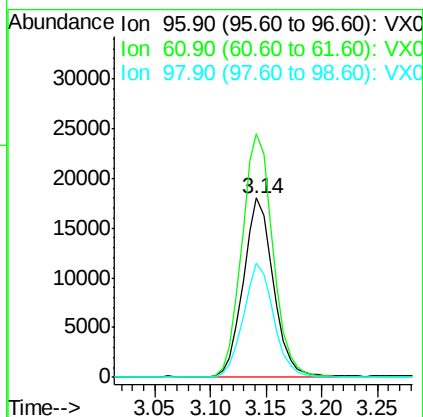
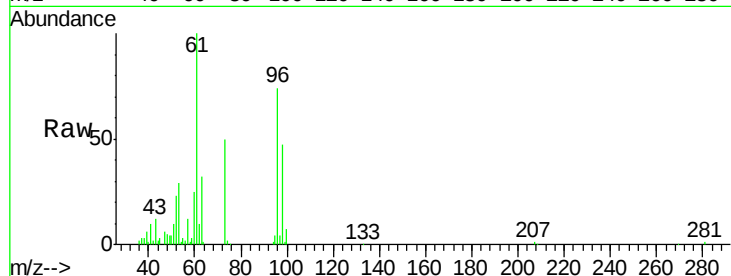
96 100

61 136.4 112.7 169.1

98 64.0 51.0 76.4

Manual Integrations  
APPROVED

MMDadoda  
4/27/2020 12:40:04 PM



#22

Diisopropyl ether

Concen: 18.467 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Tgt Ion: 45 Resp: 107050

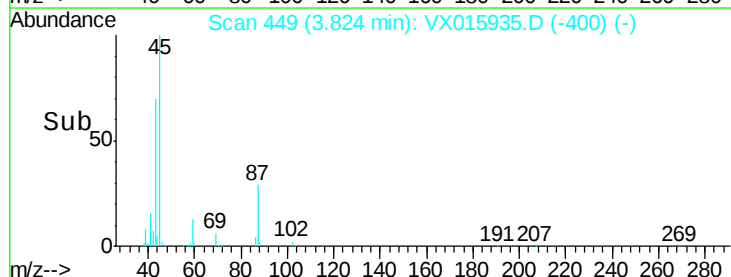
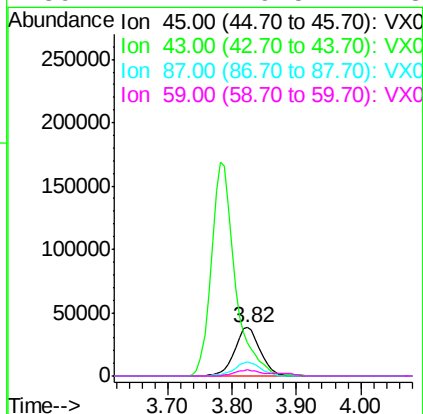
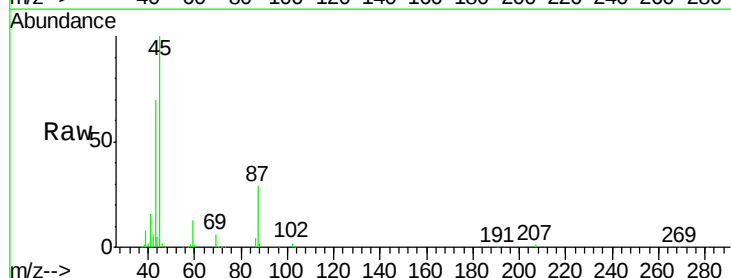
Ion Ratio Lower Upper

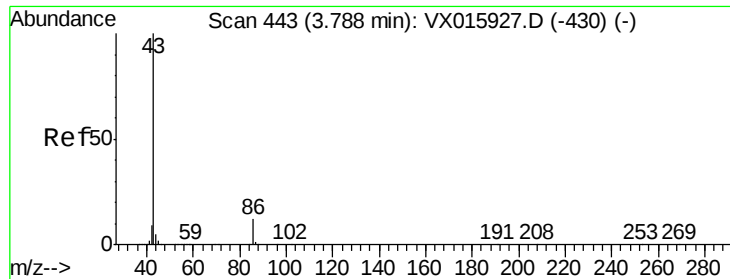
45 100

43 69.1 63.8 95.6

87 29.3 22.9 34.3

59 12.7 9.5 14.3





#23

Vinyl Acetate

Concen: 92.621 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 43 Resp: 438651

Ion Ratio Lower Upper

43 100

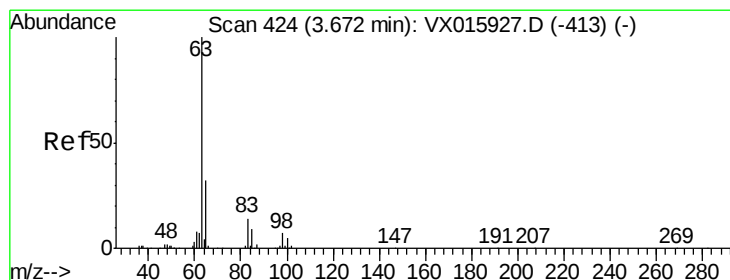
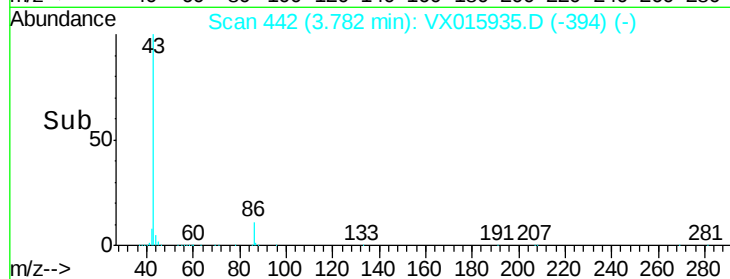
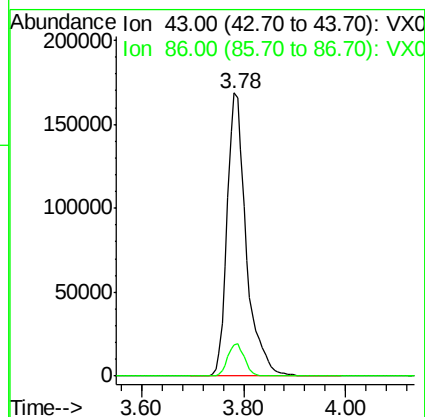
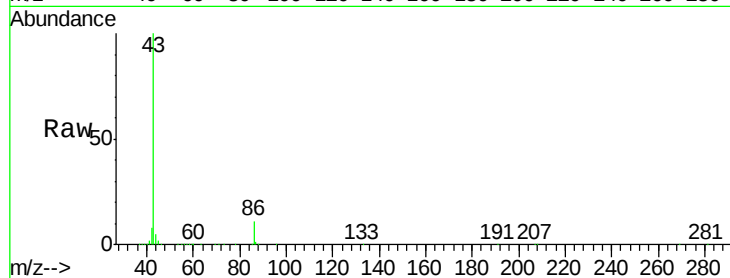
86 11.2 9.4 14.2

Manual Integrations

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4/27/2020 12:40:04 PM



#24

1,1-Dichloroethane

Concen: 18.443 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

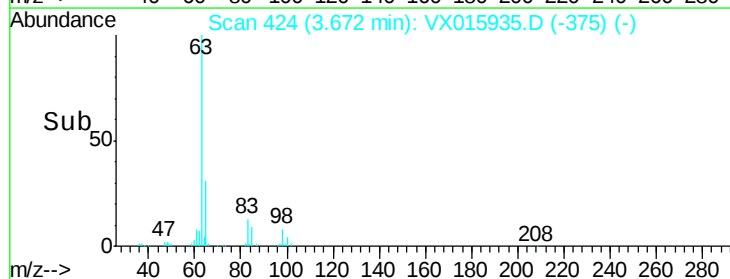
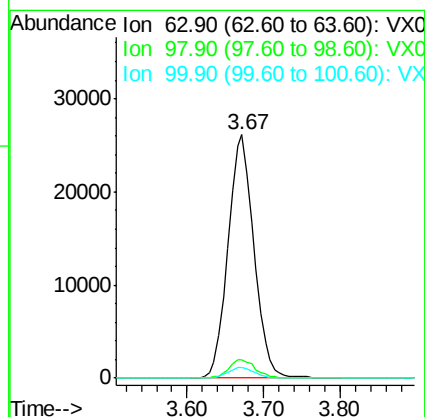
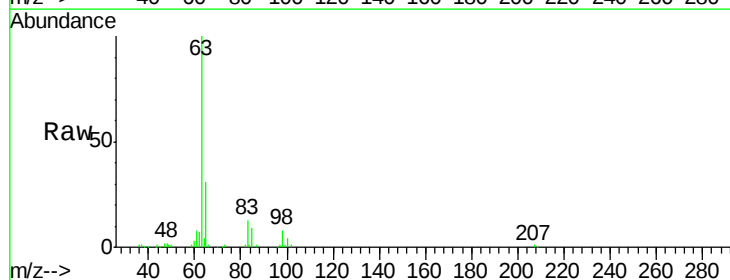
Tgt Ion: 63 Resp: 61158

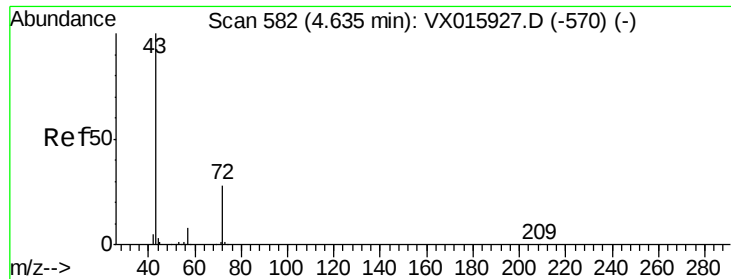
Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 88.027 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 43 Resp: 111356

Ion Ratio Lower Upper

43 100

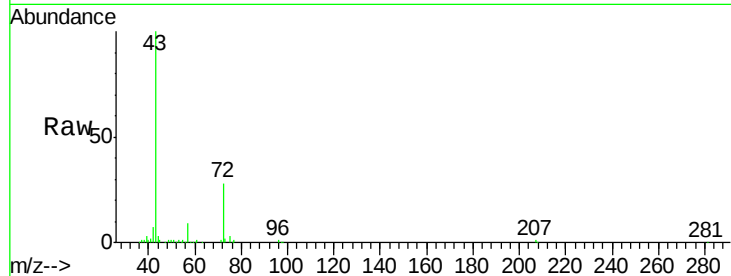
72 28.3 22.4 33.6

Manual Integrations

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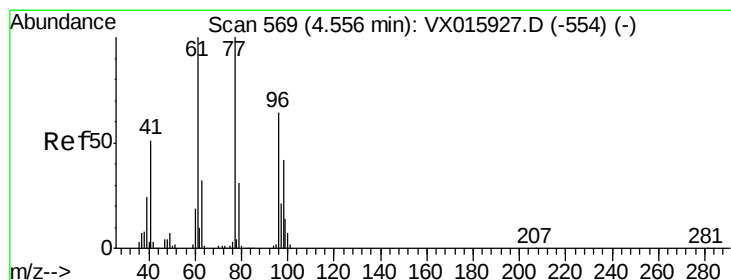
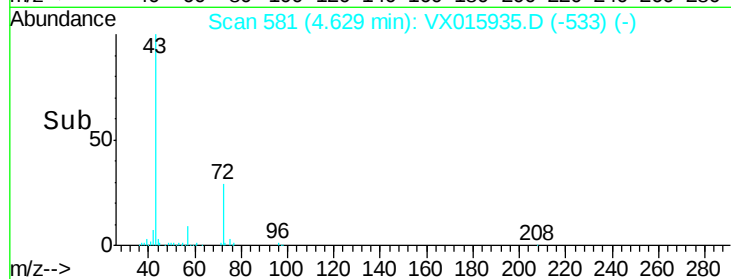
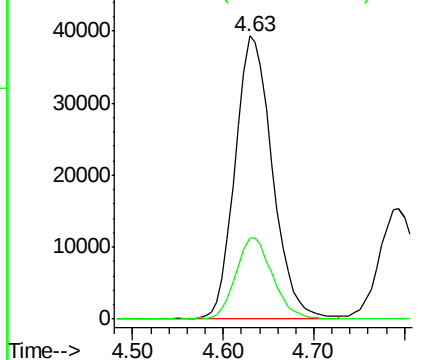
MMDadoda

4/27/2020 12:40:04 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.648 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX015935.D

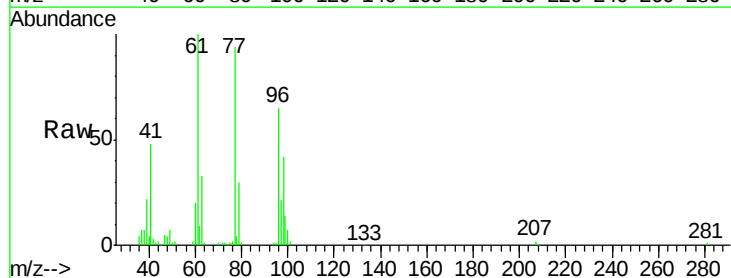
Acq: 24 Apr 2020 17:05

Tgt Ion: 77 Resp: 54565

Ion Ratio Lower Upper

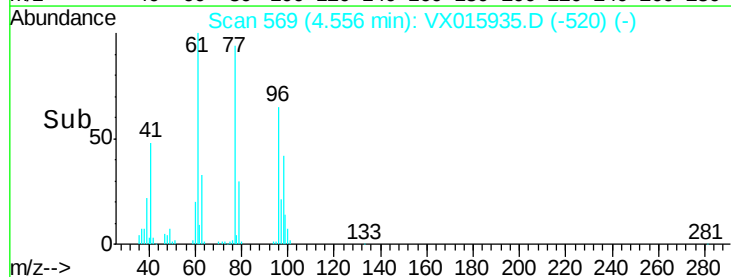
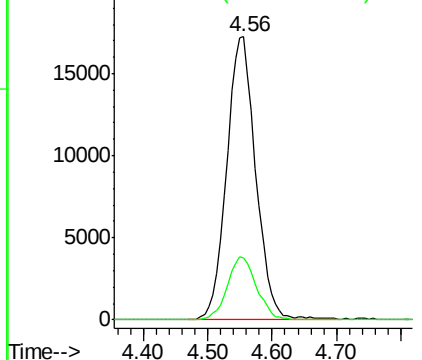
77 100

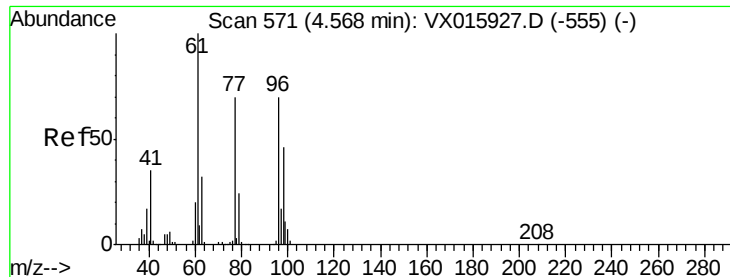
97 22.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

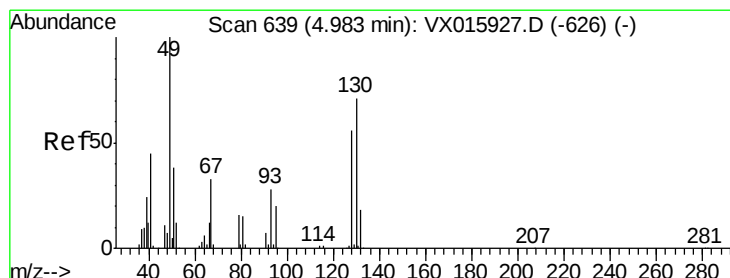
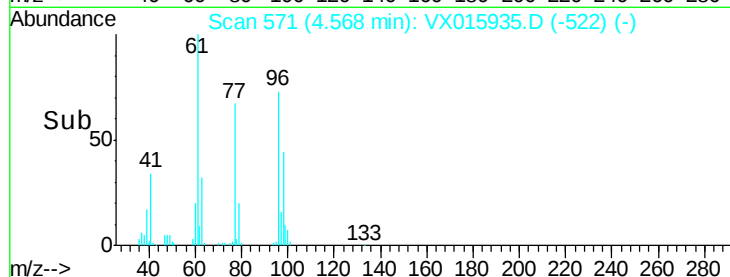
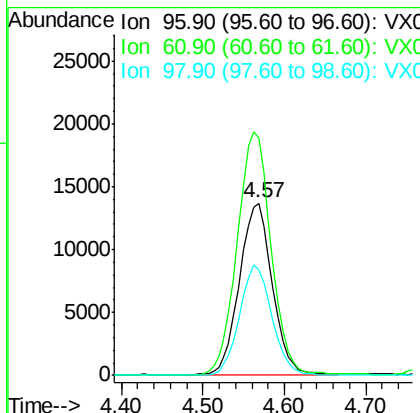
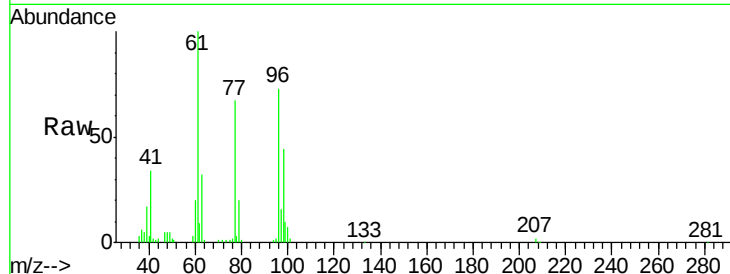
cis-1,2-Dichloroethene  
Concen: 18.357 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 145.6 | 0.0  | 293.4 |       |
| 98      | 62.5  | 0.0  | 129.0 |       |

Manual Integrations  
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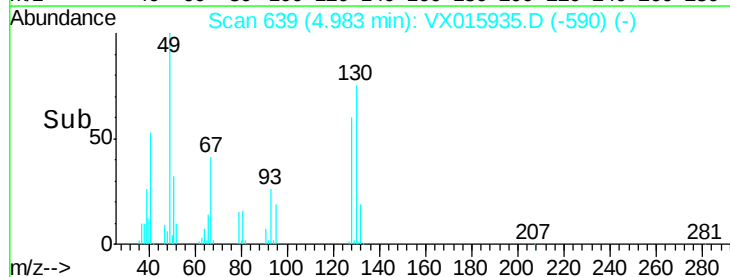
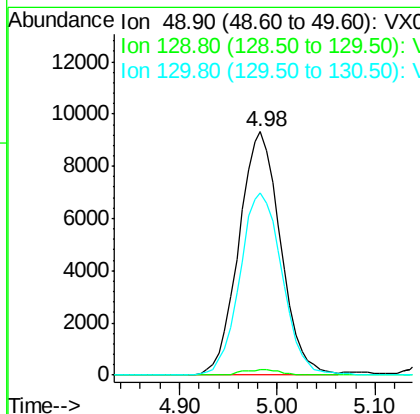
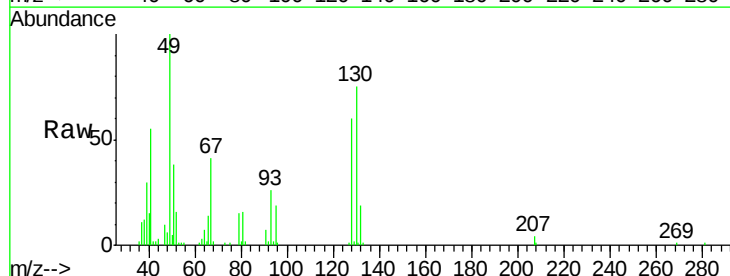
MMDadoda  
4/27/2020 12:40:04 PM

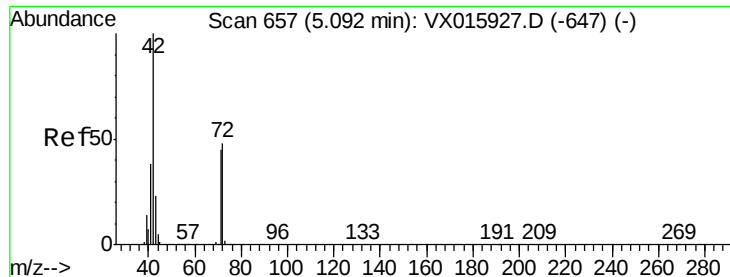


#28

Bromochloromethane  
Concen: 18.831 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 1.9   | 0.0  | 3.8   |       |
| 130     | 76.3  | 60.7 | 91.1  |       |





#29

Tetrahydrofuran

Concen: 88.622 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

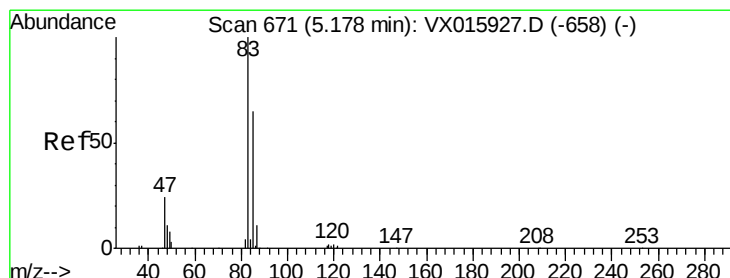
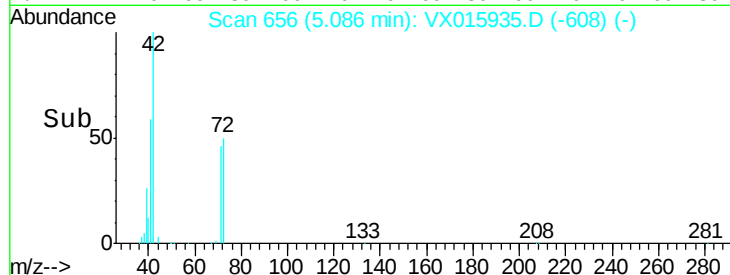
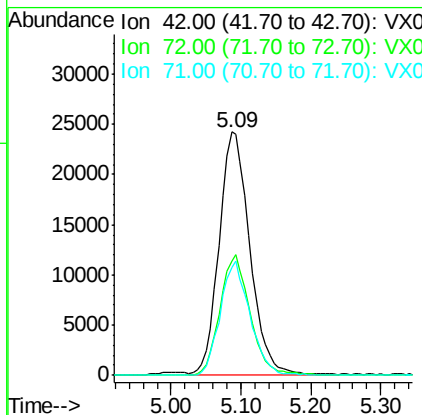
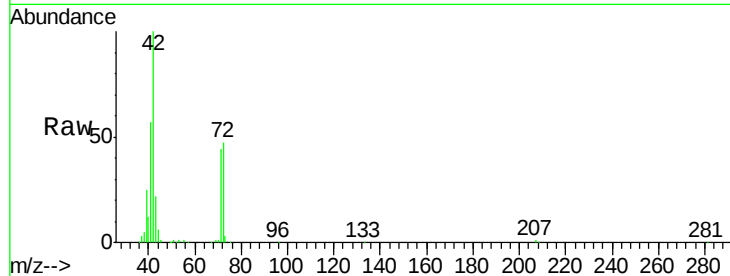
ClientSampleId :

VX0424WBS01

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 42   | Resp: | 73851 |
| Ion Ratio |      | Lower | Upper |
| 42        | 100  |       |       |
| 72        | 48.8 | 39.5  | 59.3  |
| 71        | 45.3 | 36.4  | 54.6  |

Manual Integrations  
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#30

Chloroform

Concen: 18.455 ug/l

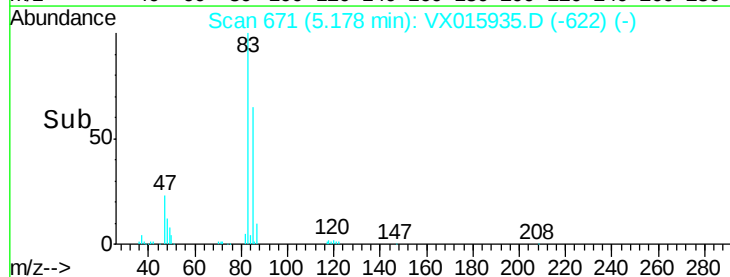
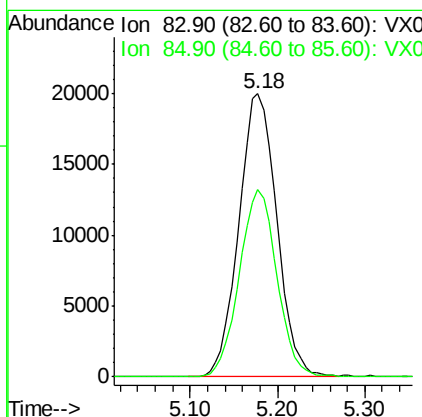
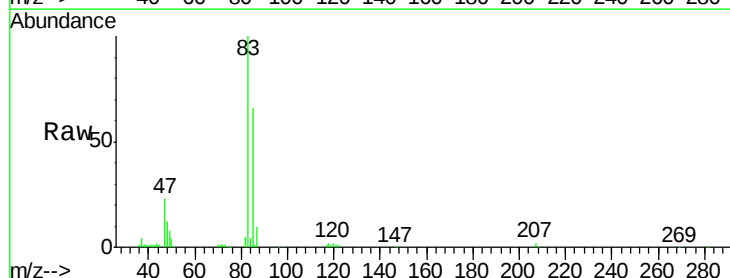
RT: 5.18 min Scan# 671

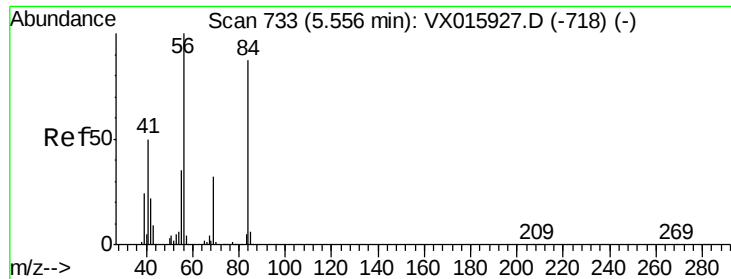
Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 83   | Resp: | 60497 |
| Ion Ratio |      | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 66.1 | 51.7  | 77.5  |





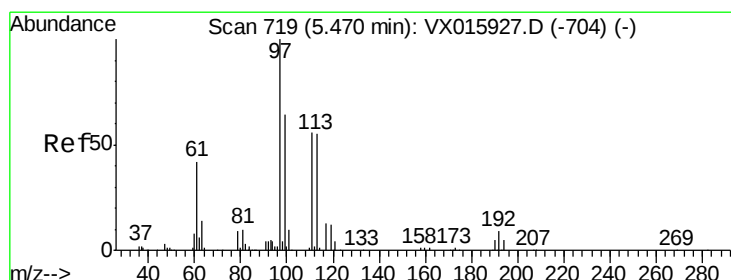
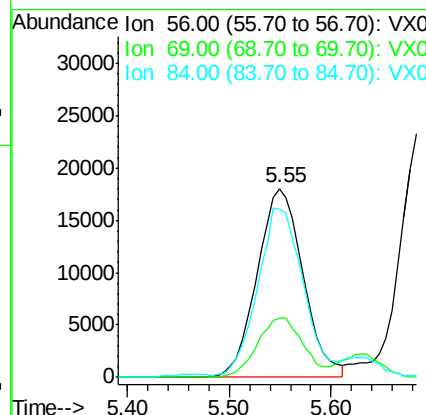
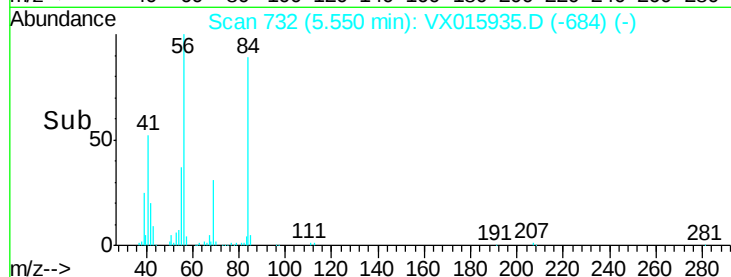
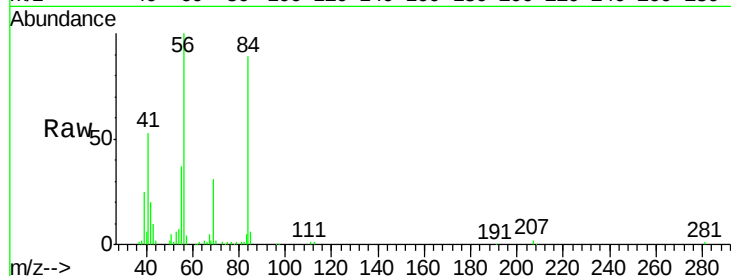
#31  
Cyclohexane  
Concen: 18.131 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 31.4 | 25.4  | 38.0  |       |
| 84      | 87.9 | 69.5  | 104.3 |       |

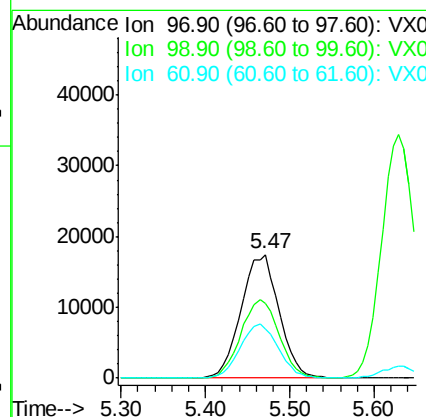
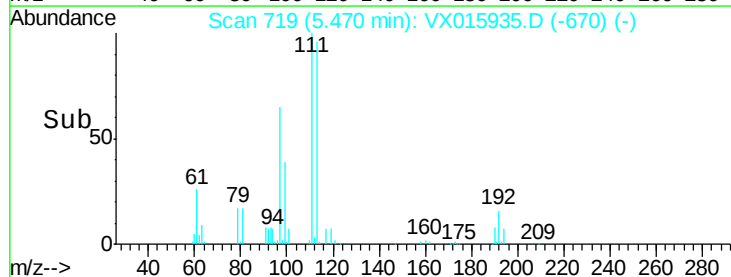
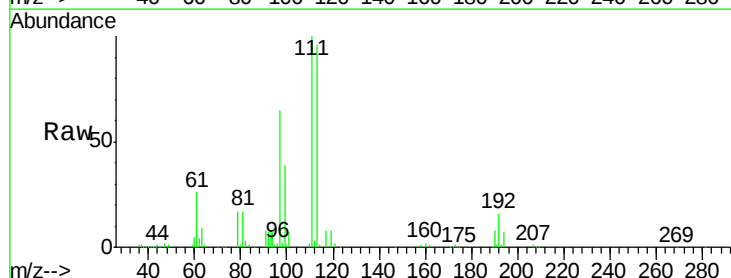
Manual Integrations  
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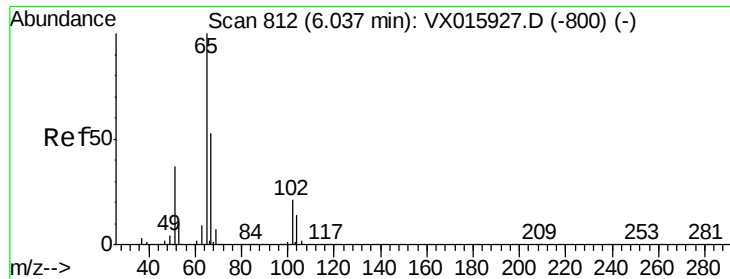
MMDadoda  
4/27/2020 12:40:04 PM



#32  
1,1,1-Trichloroethane  
Concen: 18.102 ug/l  
RT: 5.47 min Scan# 719  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 63.8 | 51.1  | 76.7  |       |
| 61      | 44.0 | 35.0  | 52.4  |       |





#33

1,2-Dichloroethane-d4

Concen: 49.771 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Tot Ion: 65 Resp: 103091

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6

Instrument :

MSVOA\_X

ClientSampled :

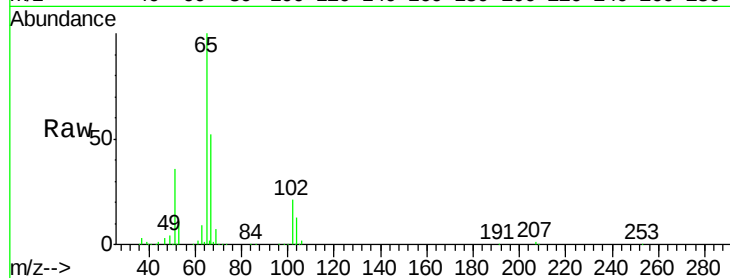
VX0424WBS01

Manual Integrations

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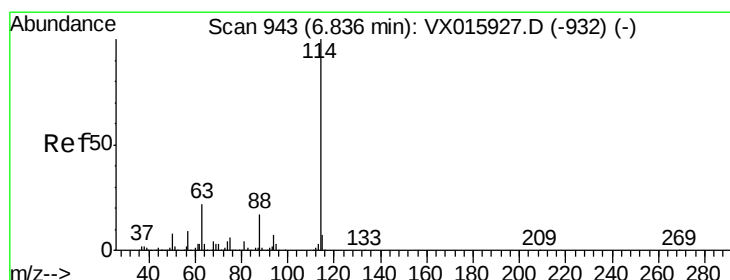
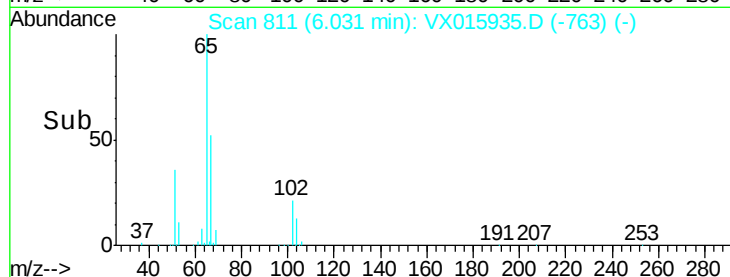
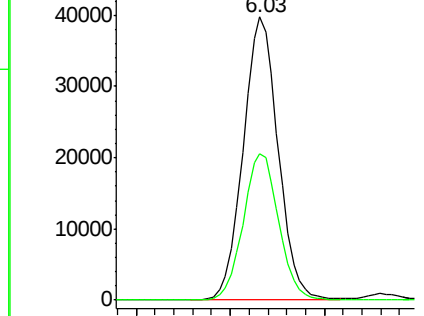
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

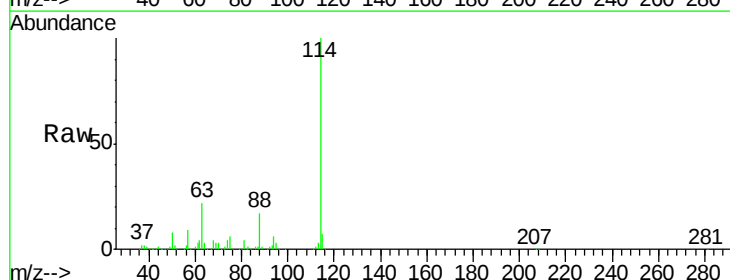
Tgt Ion: 114 Resp: 273041

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

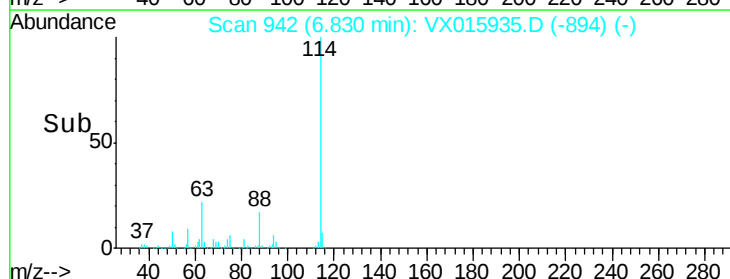
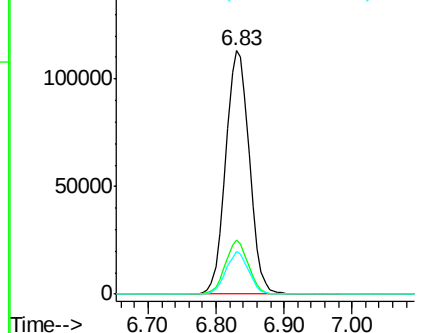
88 17.4 0.0 34.2

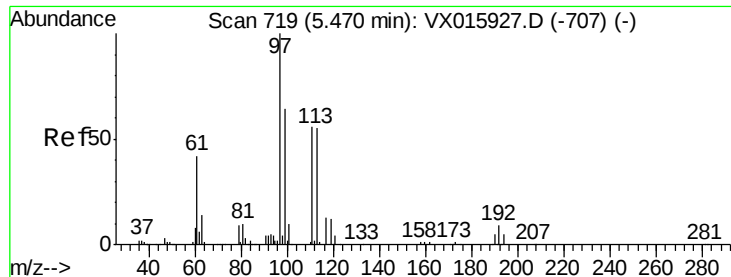


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.863 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

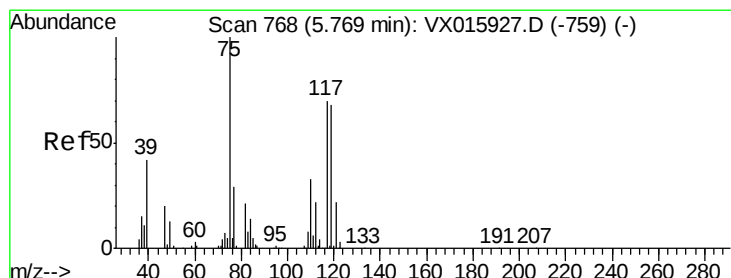
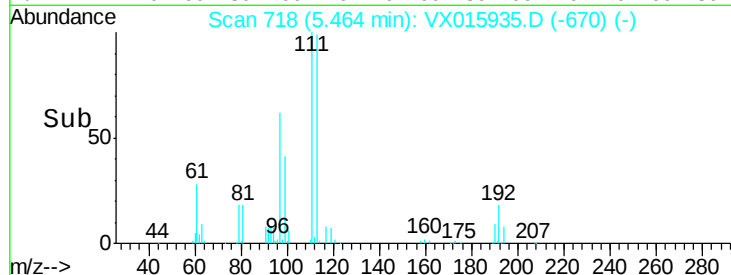
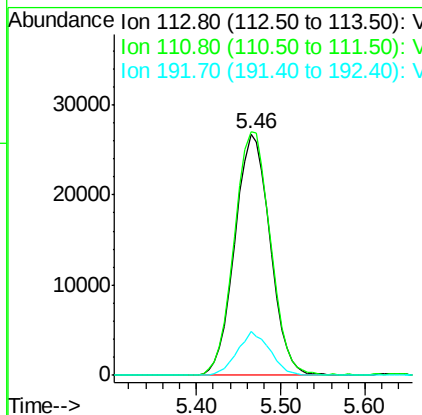
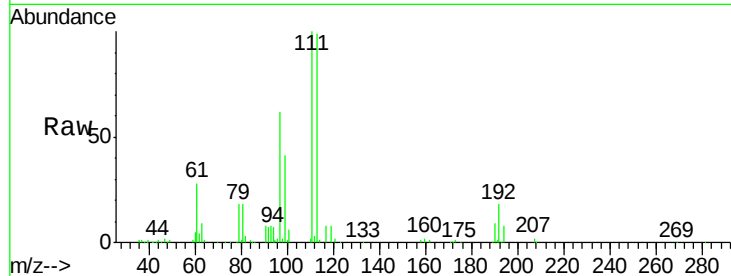
ClientSampleId :

VX0424WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 75742 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 103.5 | 81.2  | 121.8 |
| 192       | 17.0  | 13.6  | 20.4  |

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#36

1,1-Dichloropropene

Concen: 18.108 ug/l

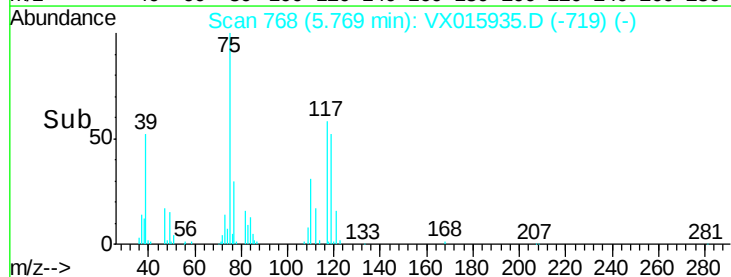
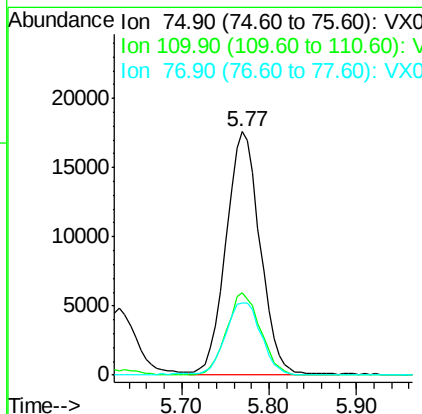
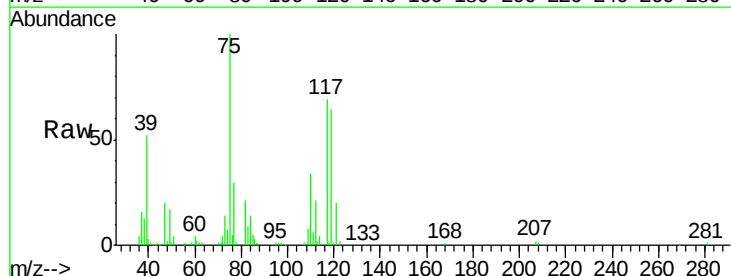
RT: 5.77 min Scan# 768

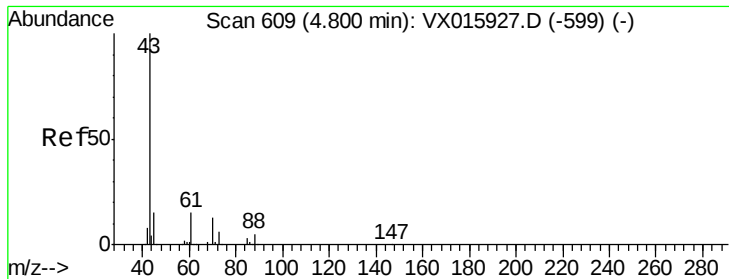
Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 47186 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 33.9  | 17.1  | 51.3  |
| 77        | 31.6  | 25.0  | 37.4  |





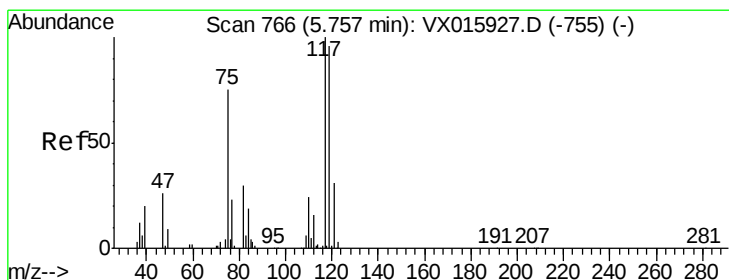
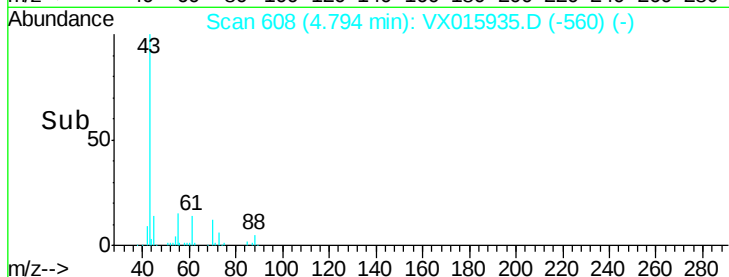
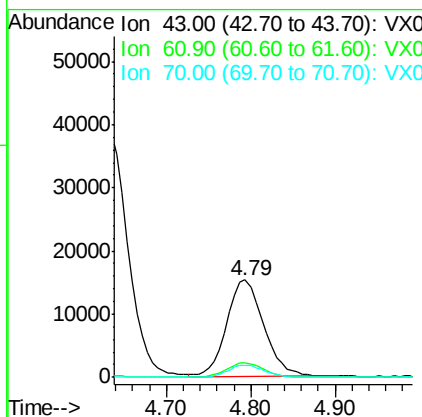
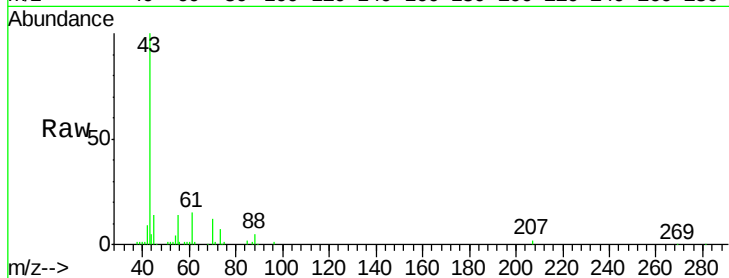
#37  
Ethyl Acetate  
Concen: 17.393 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.5  | 11.6  | 17.4  |
| 70      | 12.3  | 9.8   | 14.6  |

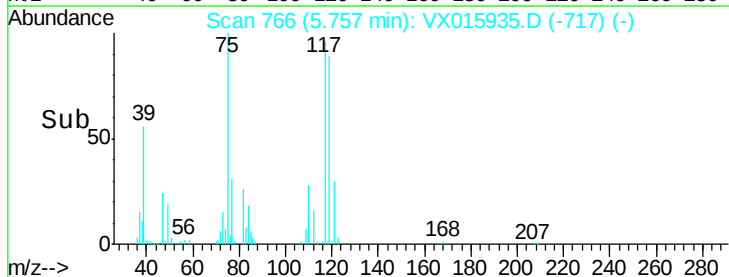
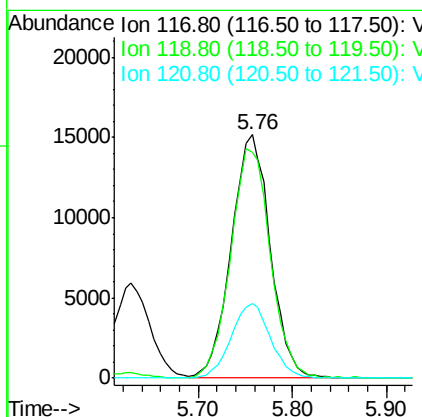
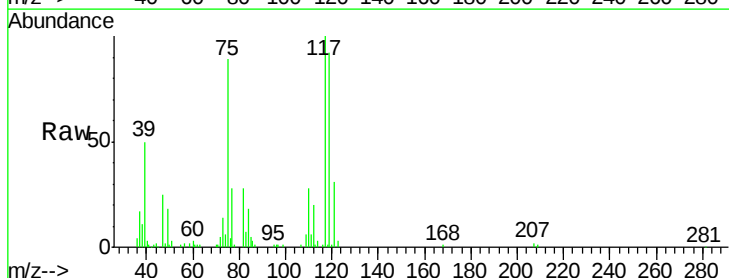
Manual Integrations  
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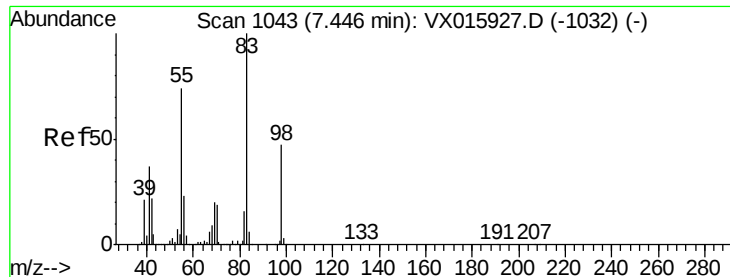
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 18.399 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.1  | 77.0  | 115.6 |
| 121     | 30.9  | 25.0  | 37.4  |





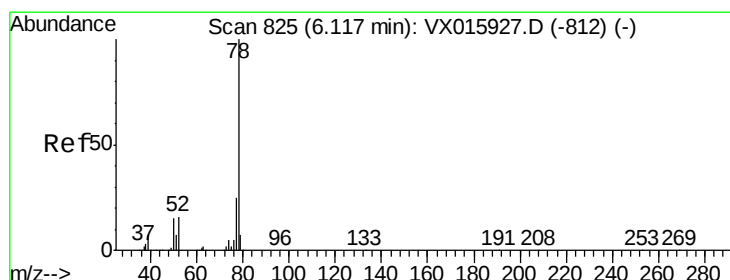
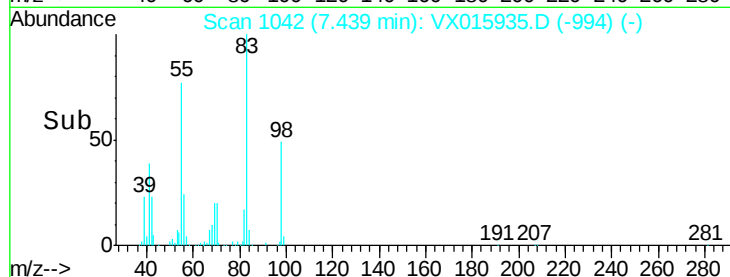
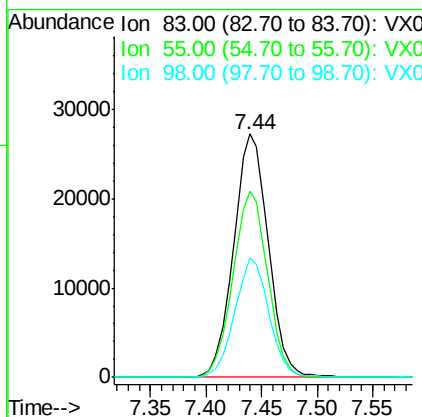
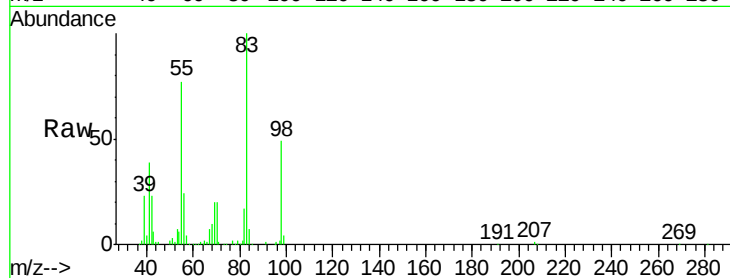
#39  
Methvlcvclohexane  
Concen: 18.641 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.6  | 59.0  | 88.4  |
| 98      | 48.9  | 37.4  | 56.0  |

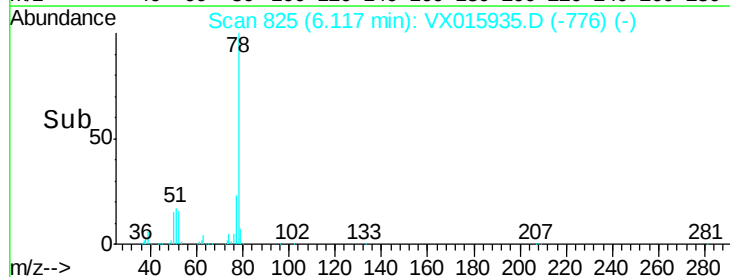
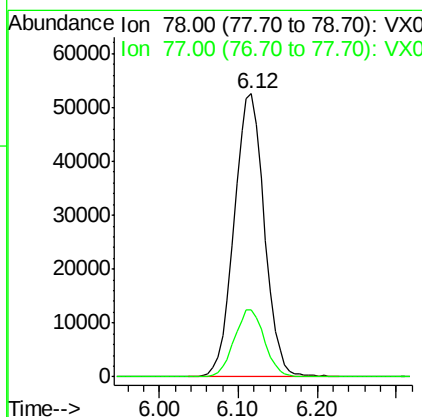
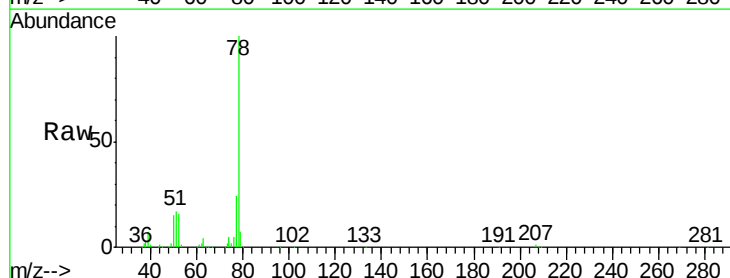
Manual Integrations  
APPROVED

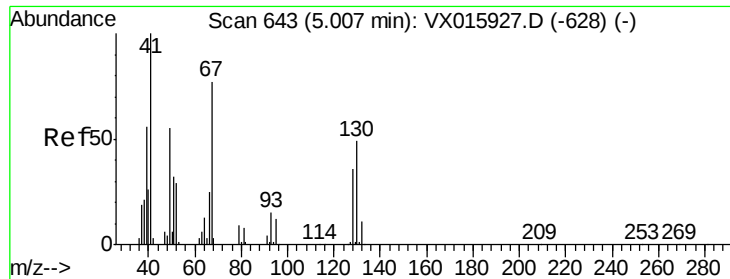
MMDadoda  
4/27/2020 12:40:04 PM



#40  
Benzene  
Concen: 18.340 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 19.8  | 29.8  |





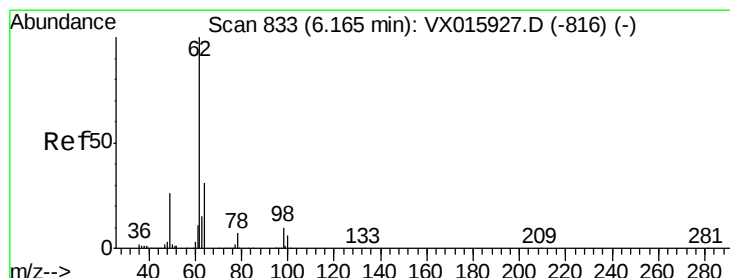
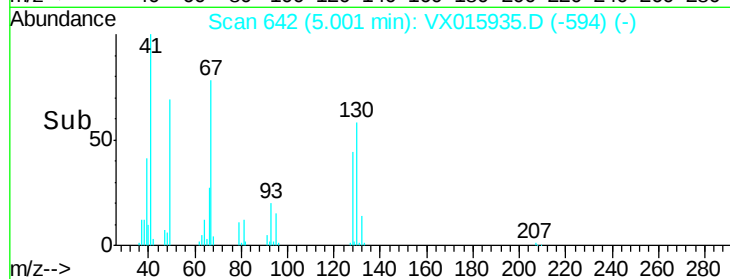
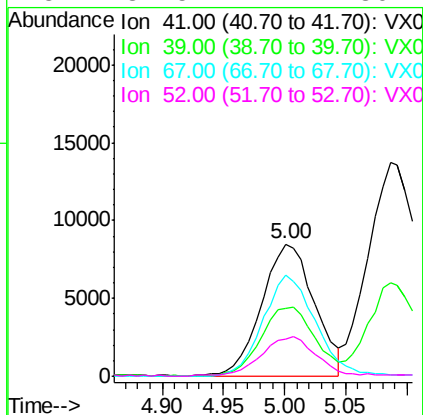
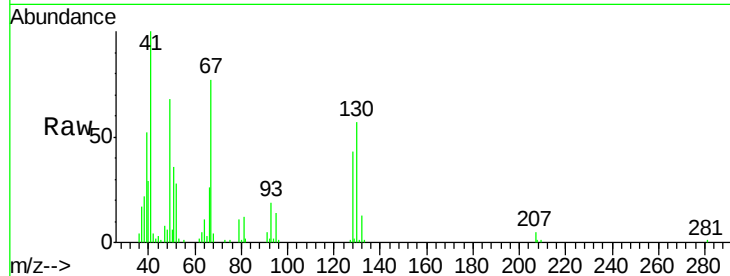
#41  
Methacrylonitrile  
Concen: 17.244 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 25549 |       |       |
| 39      | 53.6 | 42.8  | 64.2  |       |       |
| 67      | 76.0 | 62.0  | 93.0  |       |       |
| 52      | 31.5 | 24.2  | 36.4  |       |       |

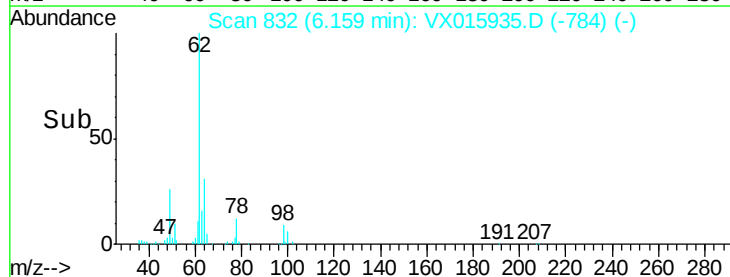
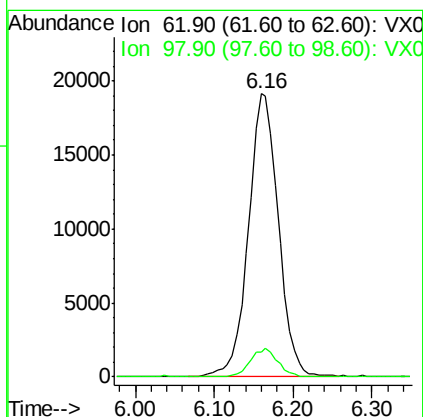
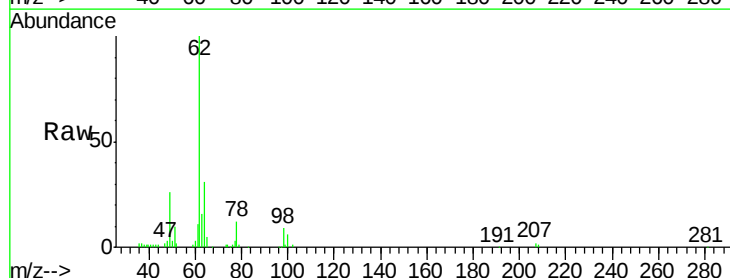
Manual Integrations  
APPROVED

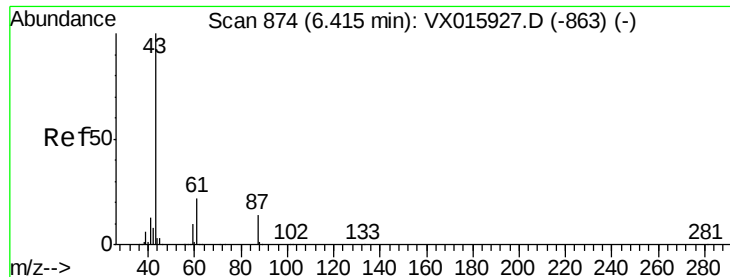
MMDadoda  
4/27/2020 12:40:04 PM



#42  
1,2-Dichloroethane  
Concen: 18.953 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 62      | 100 |       | 50581 |       |       |
| 98      | 9.2 | 0.0   | 20.0  |       |       |





#43

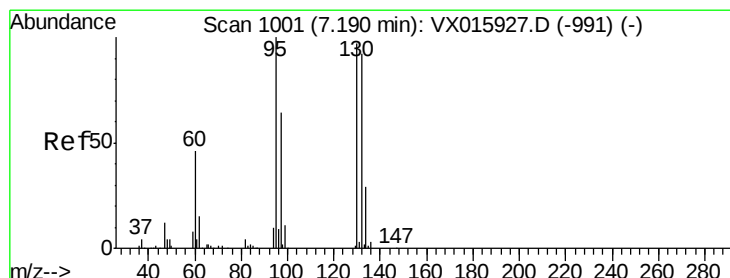
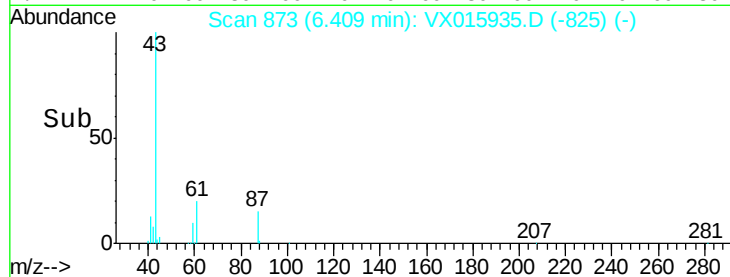
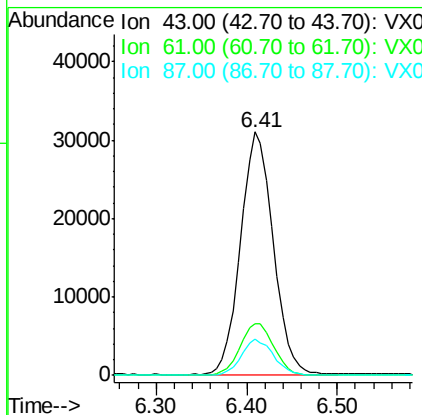
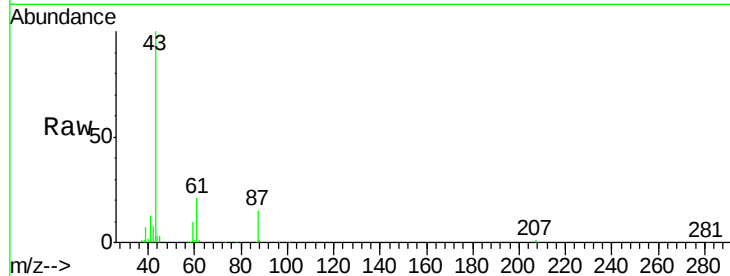
Isopropyl Acetate  
 Concen: 17.974 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 22.0  | 17.6  | 26.4  |
| 87      | 14.6  | 11.6  | 17.4  |

Manual Integrations  
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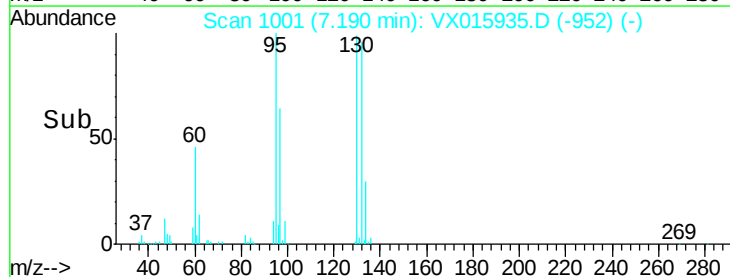
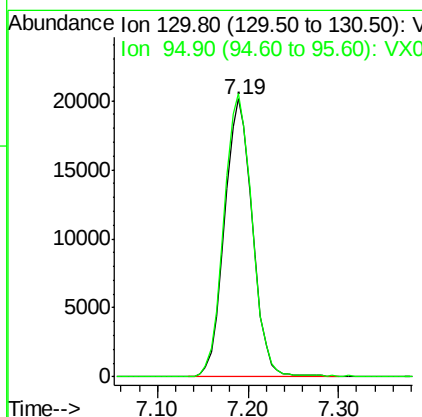
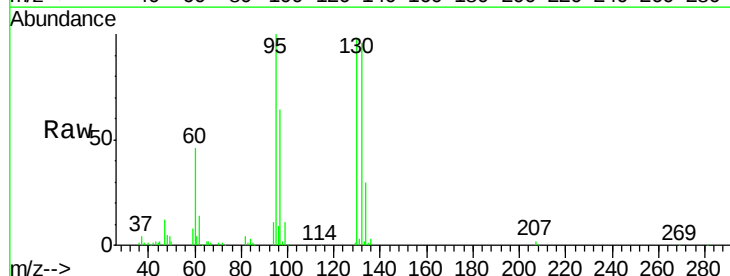
MMDadoda  
 4/27/2020 12:40:04 PM

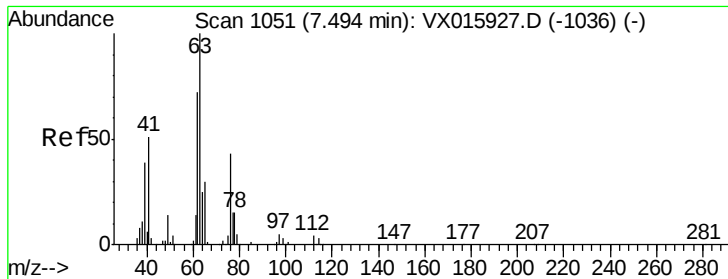


#44

Trichloroethene  
 Concen: 18.347 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 101.7 | 0.0   | 205.2 |





#45

1,2-Dichloropropane

Concen: 18.181 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 63 Resp: 35478

Ion Ratio Lower Upper

63 100

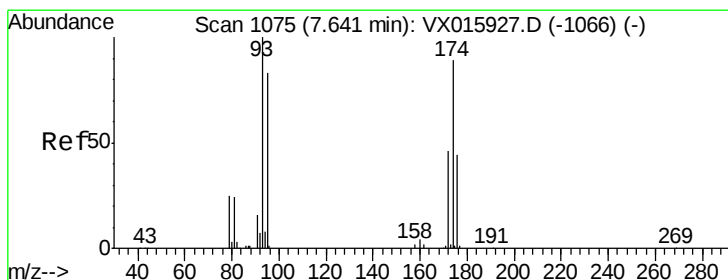
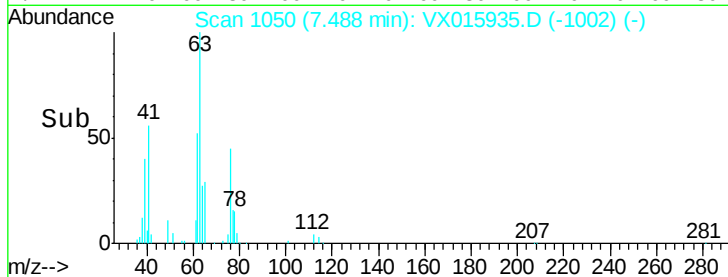
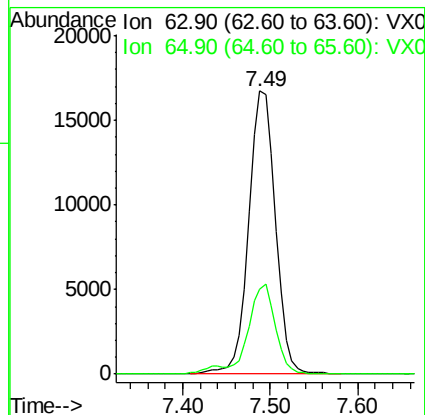
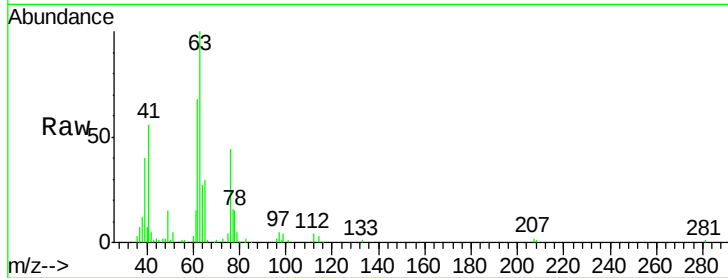
65 30.2 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 18.092 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

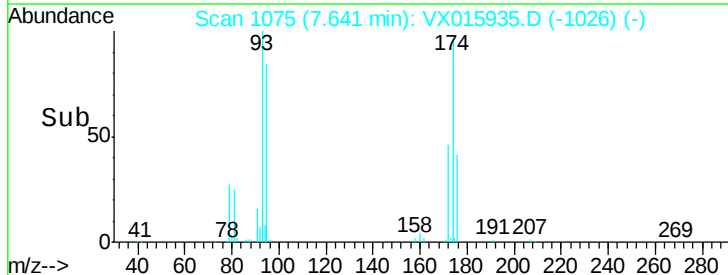
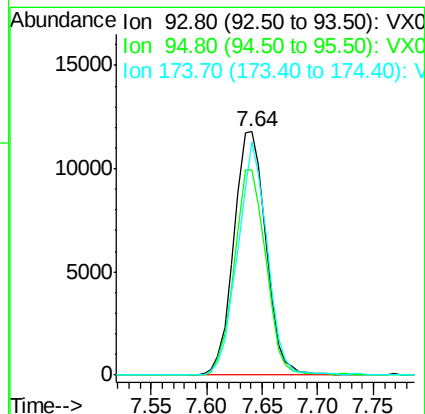
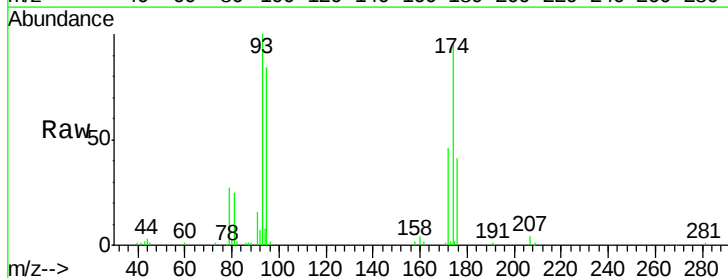
Tgt Ion: 93 Resp: 23577

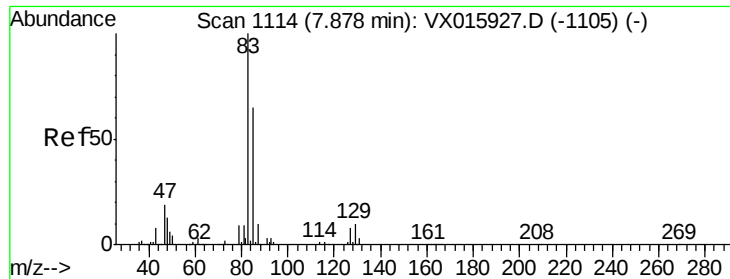
Ion Ratio Lower Upper

93 100

95 83.1 65.7 98.5

174 88.0 70.6 105.8





#47

Bromodichloromethane

Concen: 18.110 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

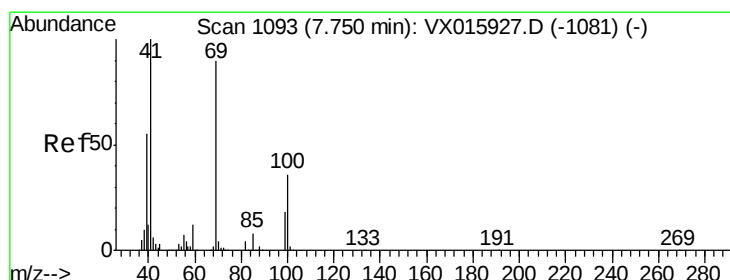
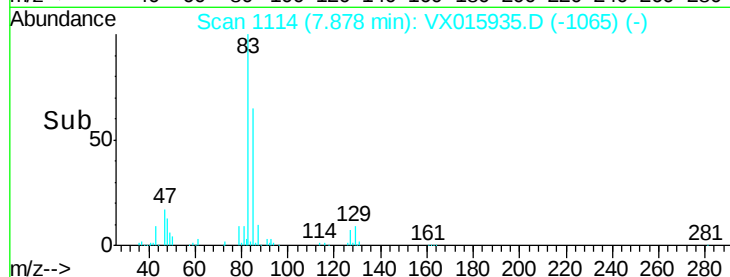
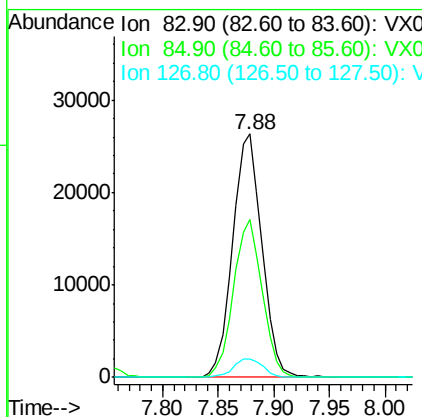
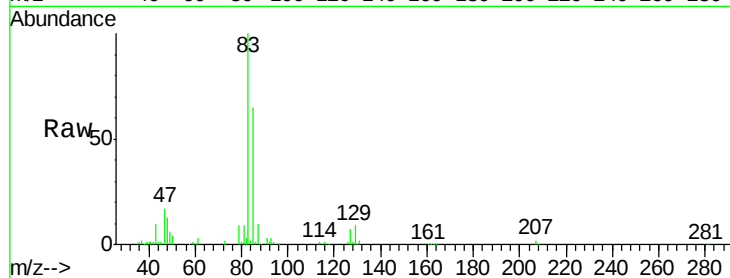
ClientSampleId :

VX0424WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 48028 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.0  | 51.6  | 77.4  |
| 127      | 7.5   | 6.7   | 10.1  |

Manual Integrations  
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4/27/2020 12:40:04 PM



#48

Methyl methacrylate

Concen: 17.779 ug/l

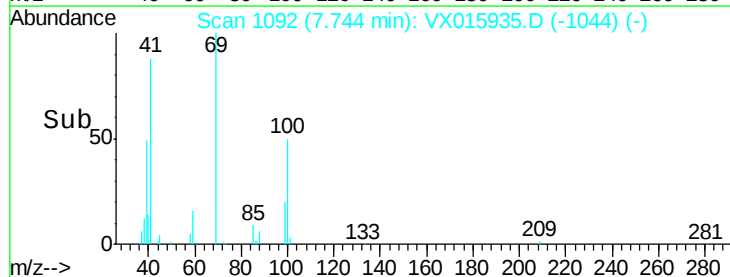
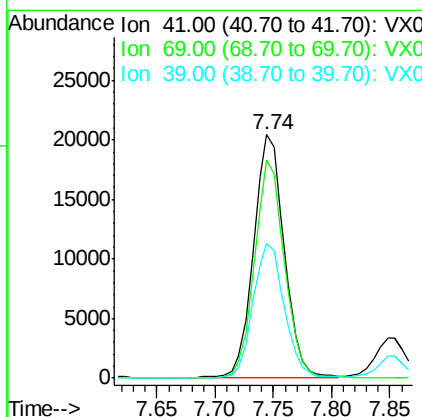
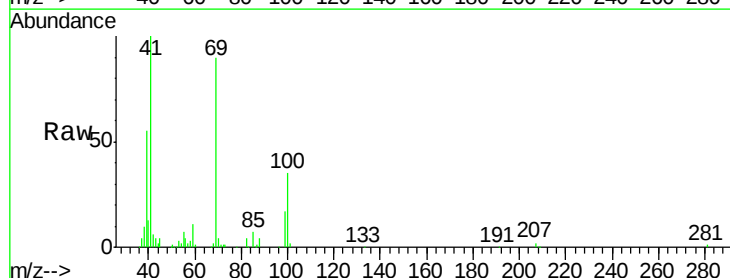
RT: 7.74 min Scan# 1092

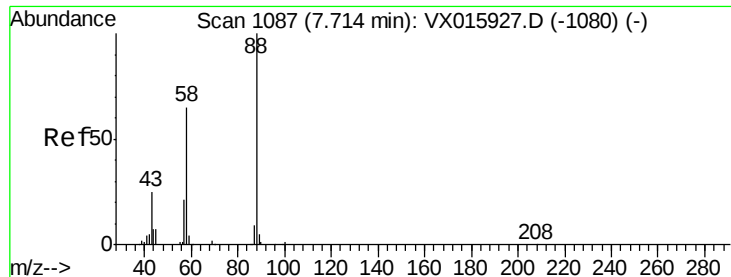
Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 37543 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 87.6  | 72.0  | 108.0 |
| 39       | 56.6  | 44.1  | 66.1  |





#49

1,4-Dioxane

Concen: 342.084 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

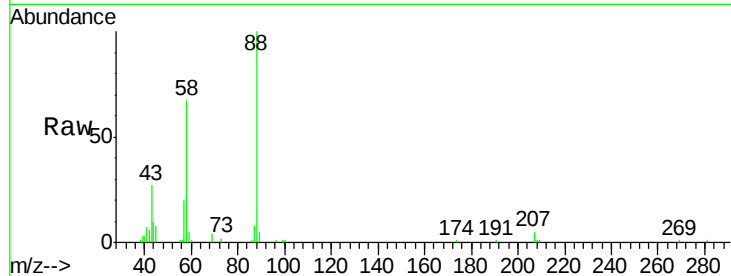
ClientSampleId :

VX0424WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 16066 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 32.5  | 23.8  | 35.8  |
| 58       | 68.6  | 55.7  | 83.5  |

Manual Integrations  
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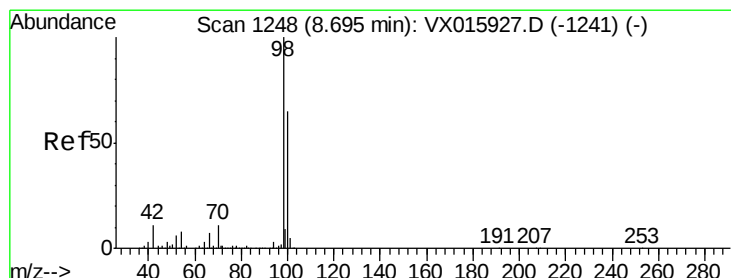
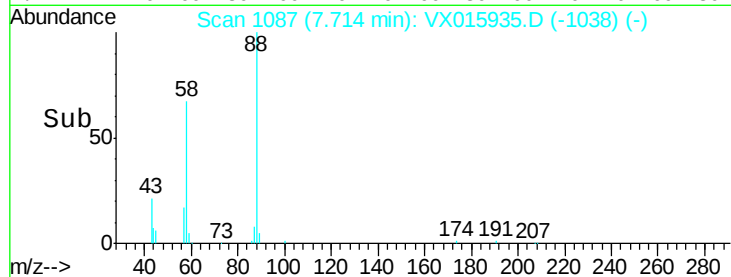
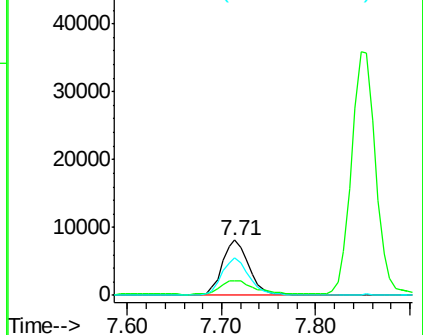


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.948 ug/l

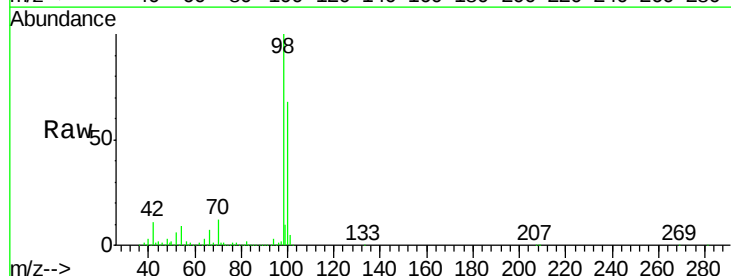
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

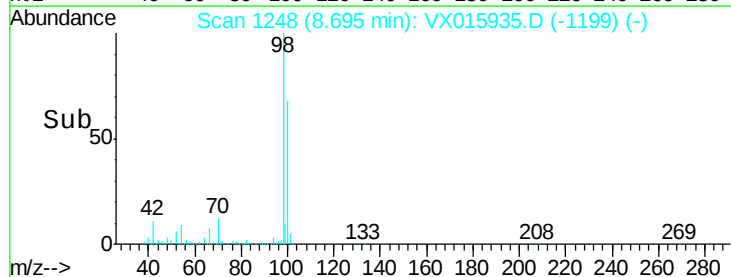
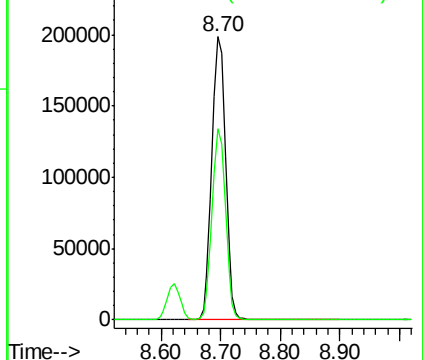
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 314897 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.1  | 53.0  | 79.4   |

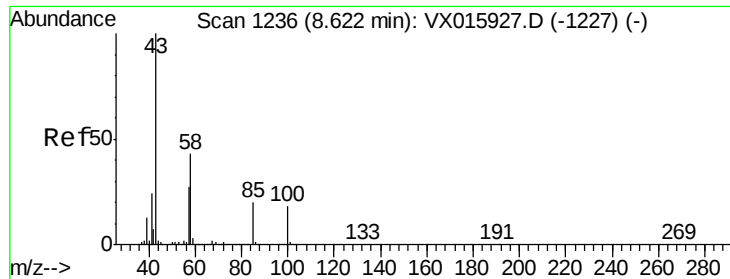


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





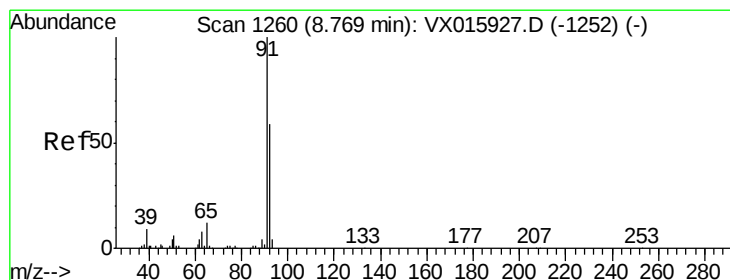
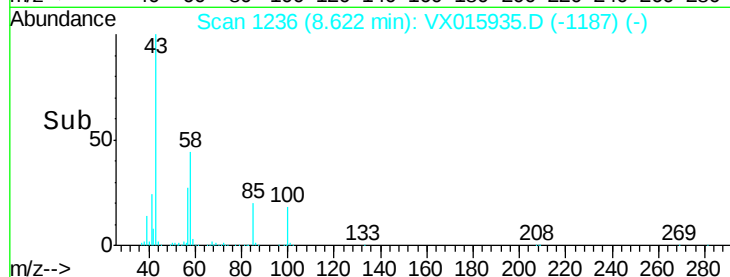
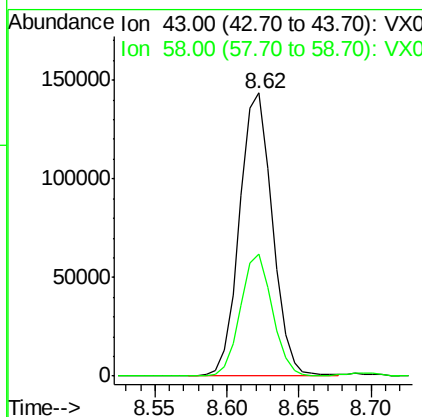
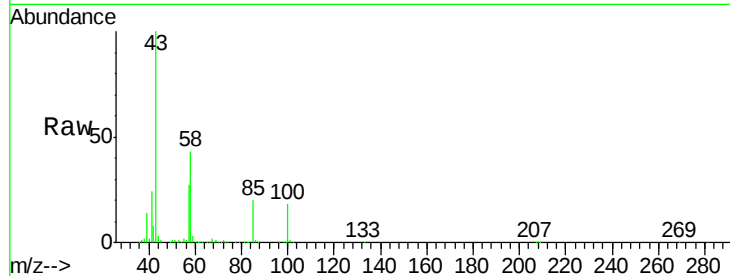
#51  
4-Methyl-2-Pentanone  
Concen: 90.281 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

Tot Ion: 43 Resp: 227286  
Ion Ratio Lower Upper  
43 100  
58 42.1 34.2 51.4

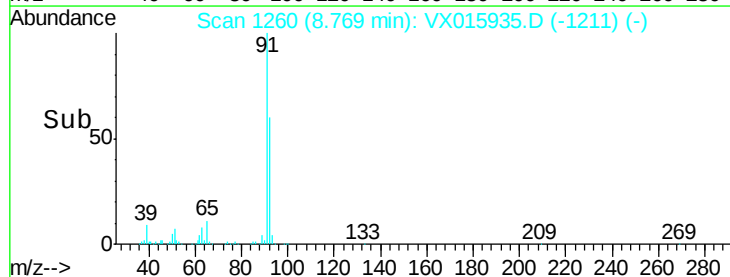
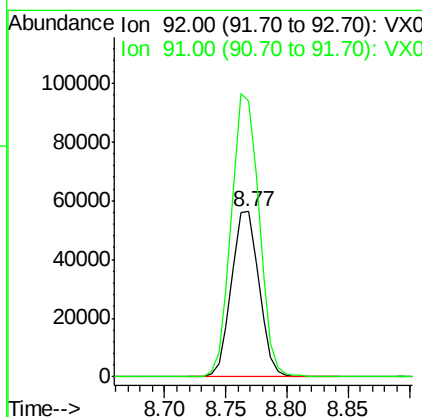
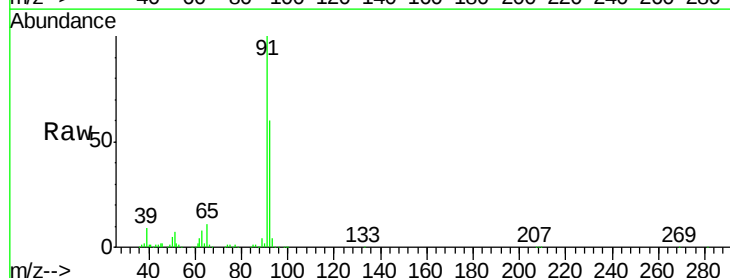
Manual Integrations  
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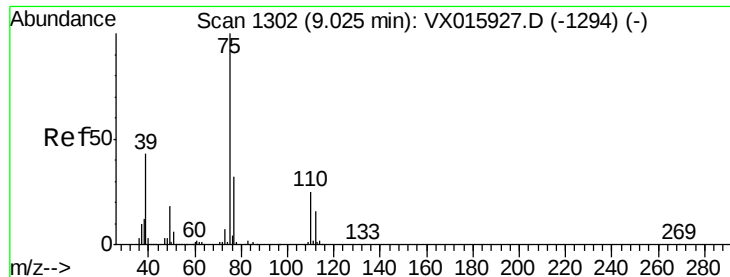
MMDadoda  
4/27/2020 12:40:04 PM



#52  
Toluene  
Concen: 18.254 ug/l  
RT: 8.77 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Tgt Ion: 92 Resp: 88309  
Ion Ratio Lower Upper  
92 100  
91 171.6 134.0 201.0





#53

t-1,3-Dichloropropene

Concen: 17.916 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 75 Resp: 57293

Ion Ratio Lower Upper

75 100

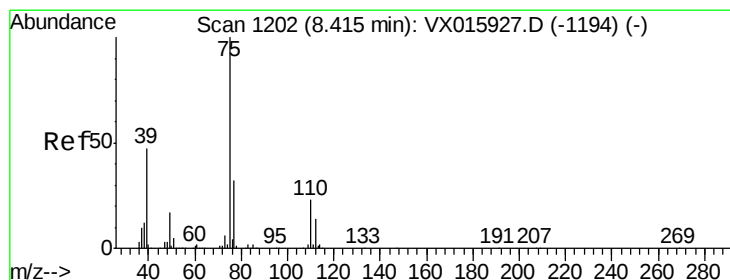
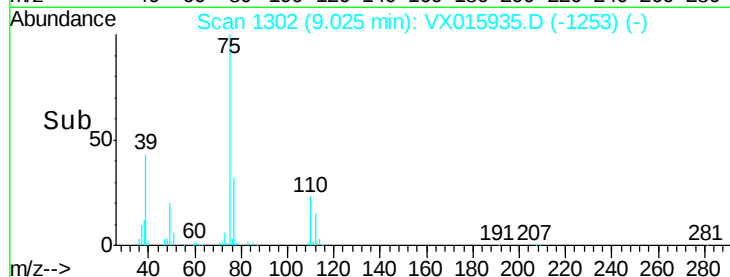
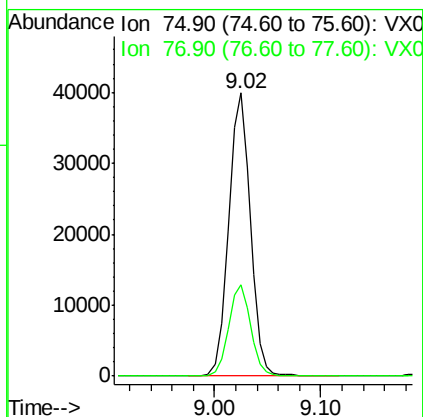
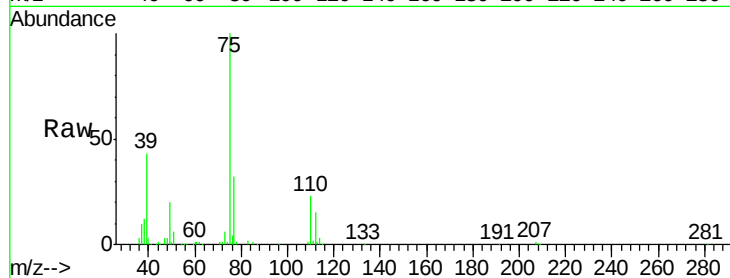
77 32.3 25.9 38.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.362 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

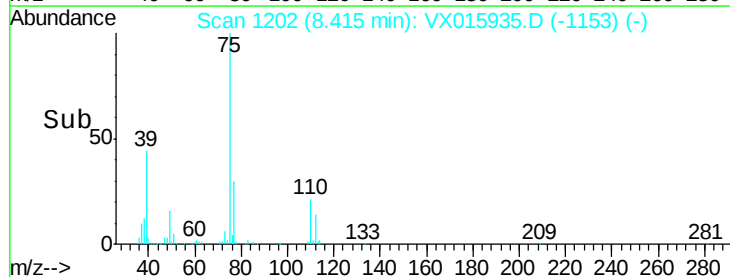
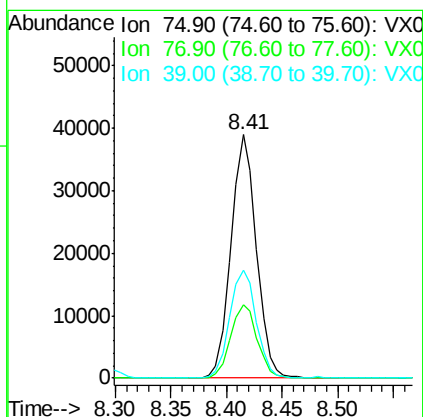
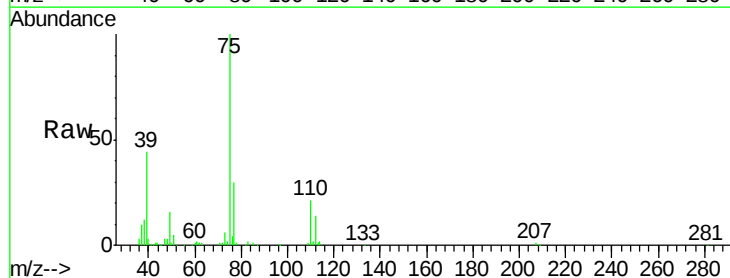
Tgt Ion: 75 Resp: 61425

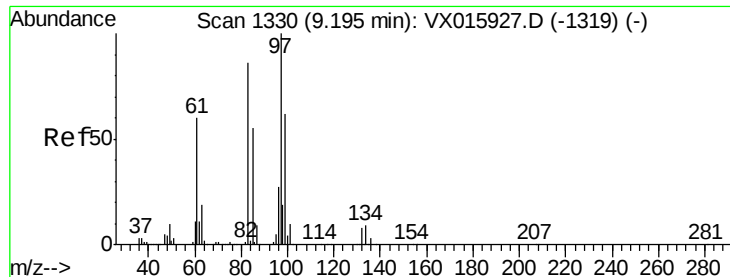
Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.8

39 44.2 37.2 55.8





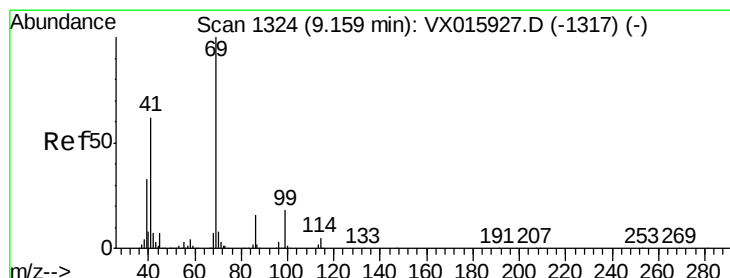
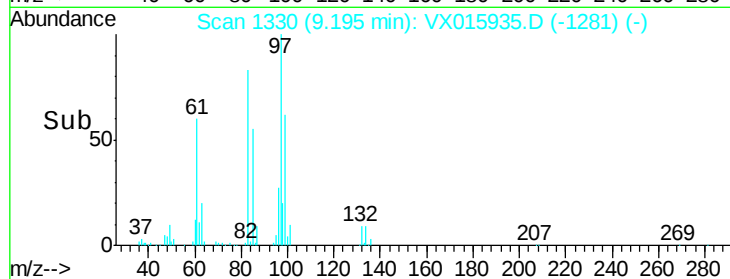
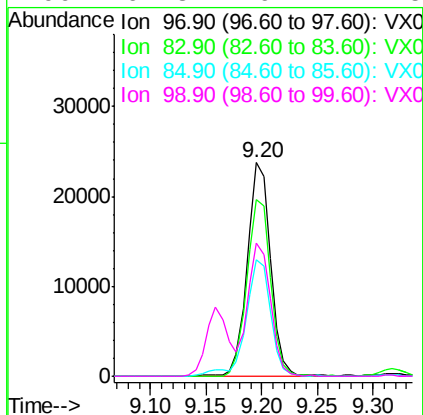
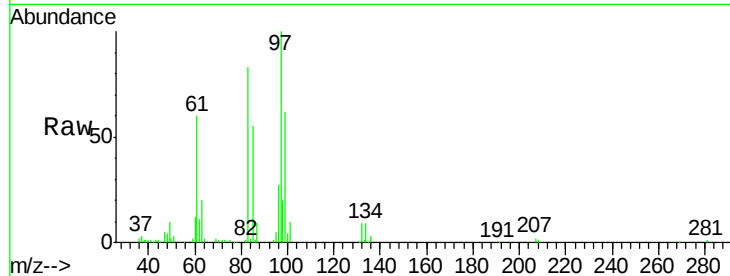
#55  
 1,1,2-Trichloroethane  
 Concen: 17.953 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0424WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 34687 |       |       |
| 83      | 82.6 | 68.6  | 103.0 |       |       |
| 85      | 54.8 | 44.0  | 66.0  |       |       |
| 99      | 62.3 | 49.7  | 74.5  |       |       |

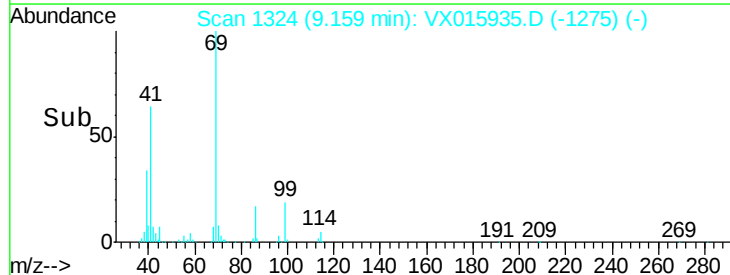
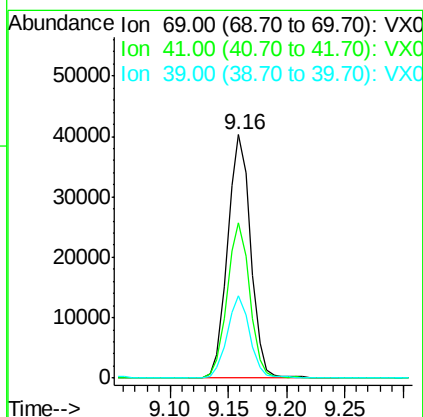
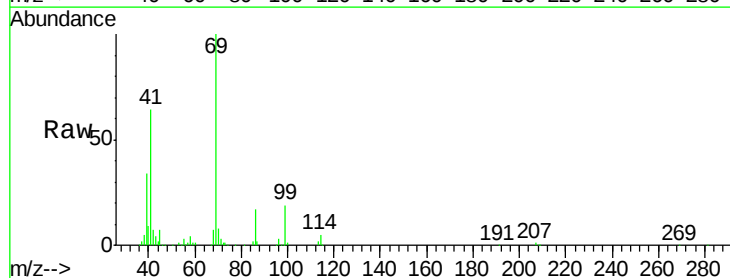
Manual Integrations  
 APPROVED

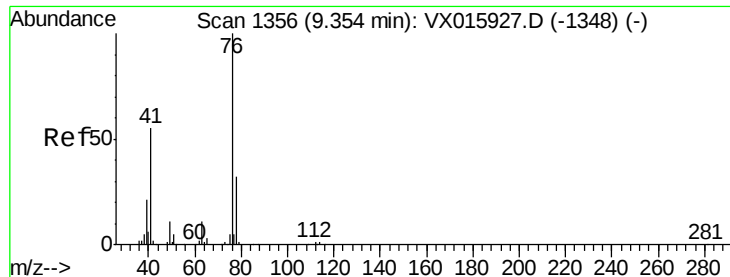
MMDadoda  
 4/27/2020 12:40:04 PM



#56  
 Ethyl methacrylate  
 Concen: 17.874 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 55635 |       |       |
| 41      | 62.7 | 49.2  | 73.8  |       |       |
| 39      | 34.2 | 26.0  | 39.0  |       |       |





#57

1,3-Dichloropropane

Concen: 18.238 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 76 Resp: 60287

Ion Ratio Lower Upper

76 100

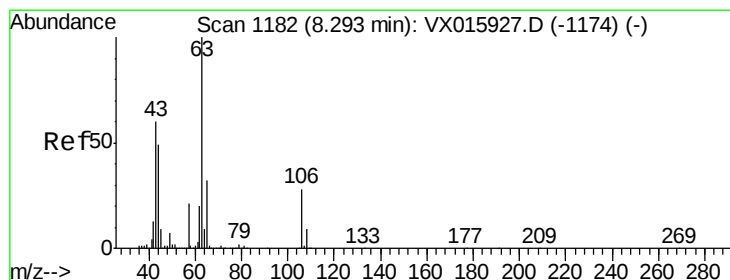
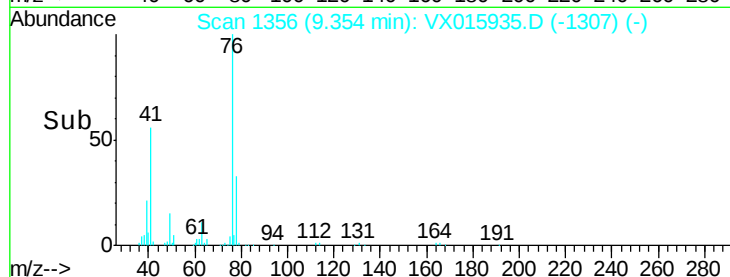
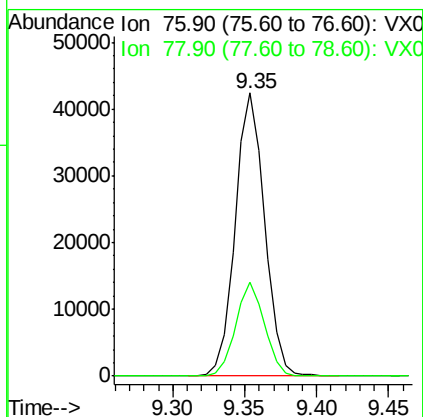
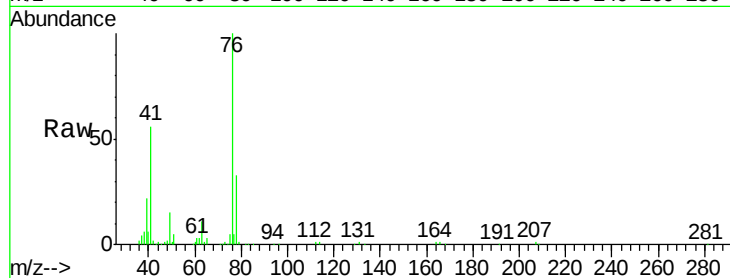
78 32.7 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

4/27/2020 12:40:04 PM



#58

2-Chloroethyl Vinyl ether

Concen: 94.242 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX015935.D

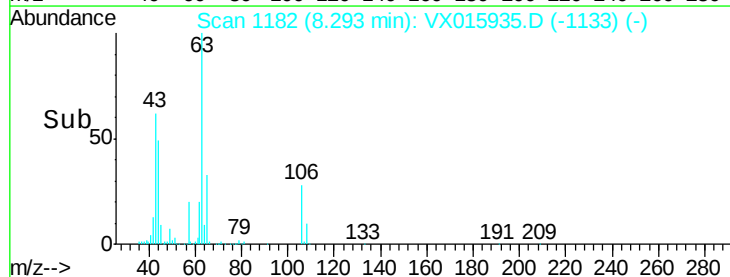
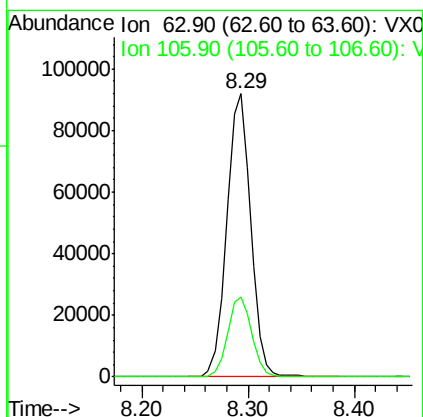
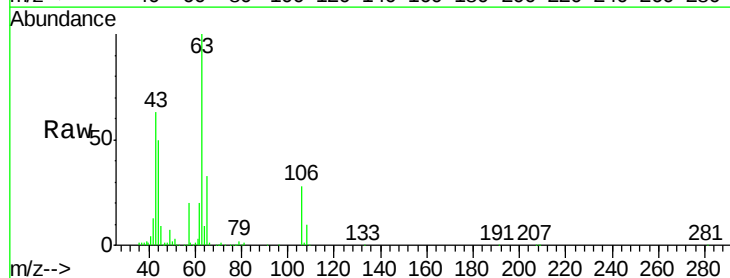
Acq: 24 Apr 2020 17:05

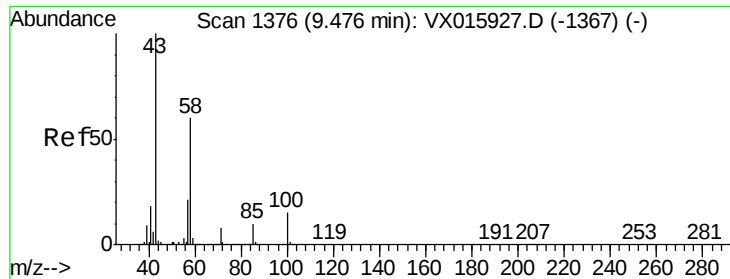
Tgt Ion: 63 Resp: 144950

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6





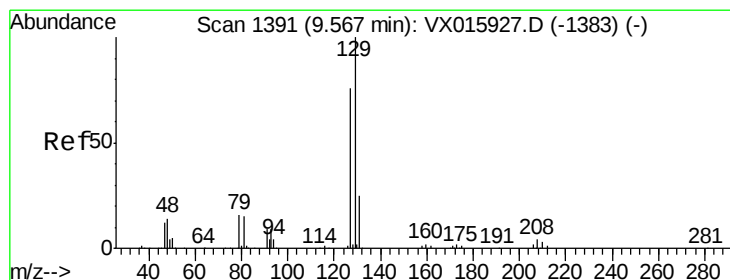
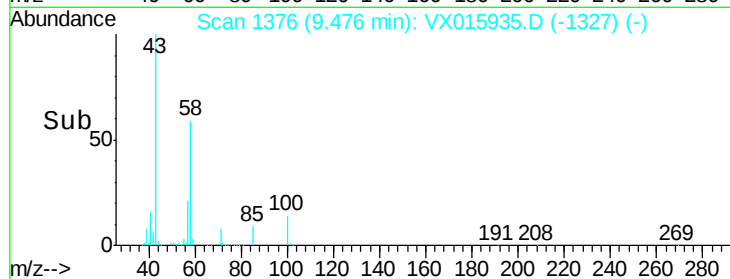
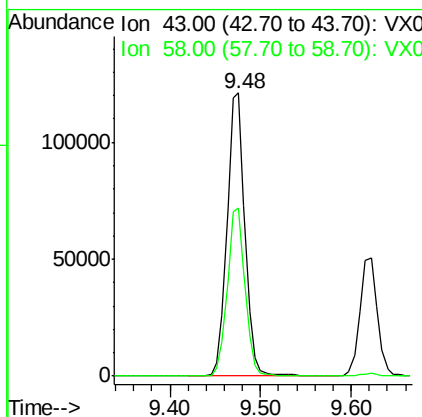
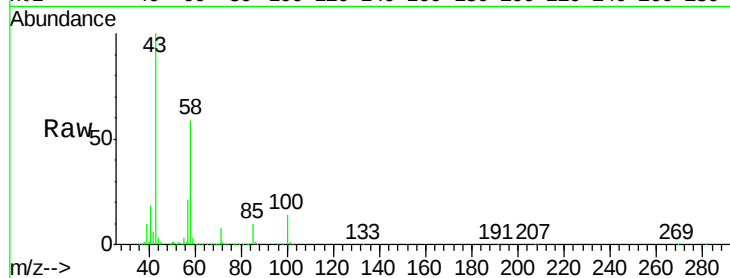
#59  
2-Hexanone  
Concen: 88.135 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 59.4  | 29.7  | 89.1  |

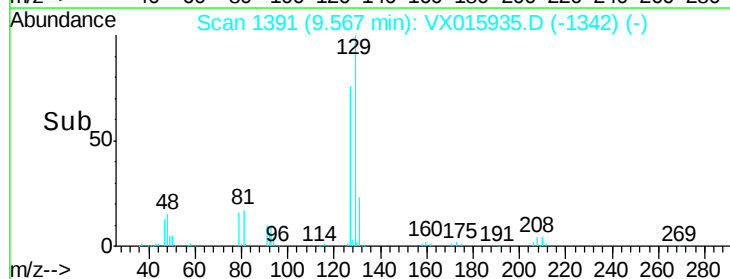
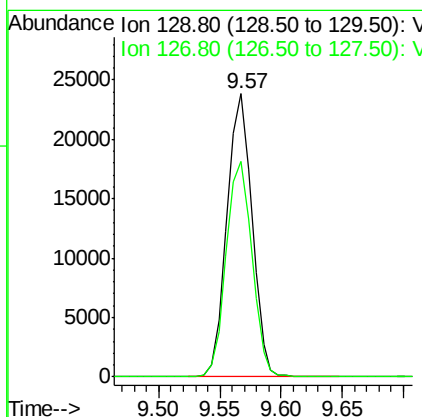
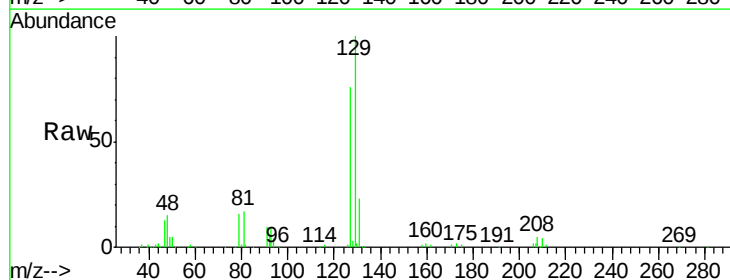
Manual Integrations  
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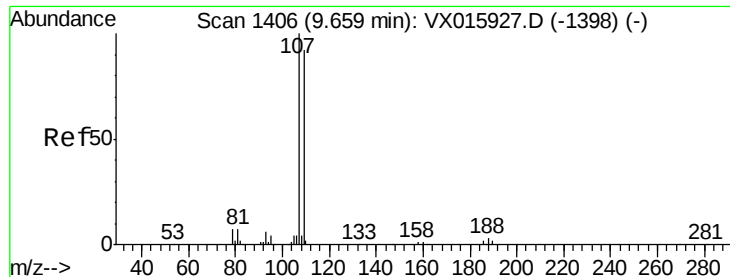
MMDadoda  
4/27/2020 12:40:04 PM



#60  
Dibromochloromethane  
Concen: 17.691 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.3  | 38.8  | 116.3 |





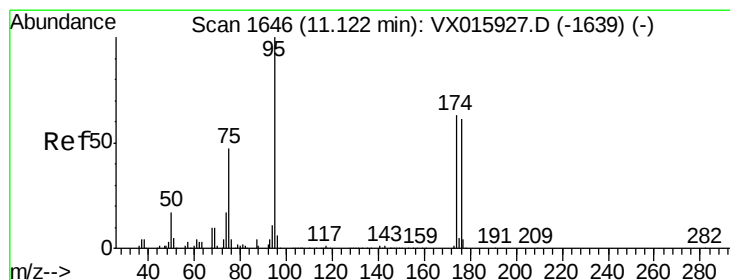
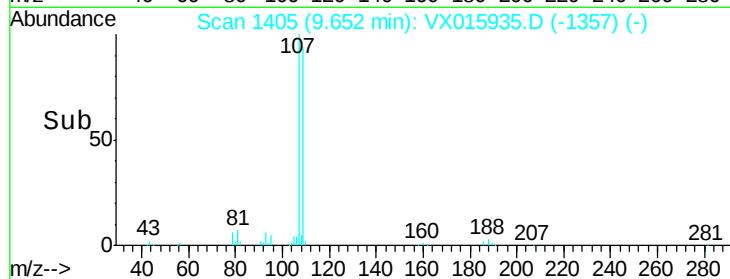
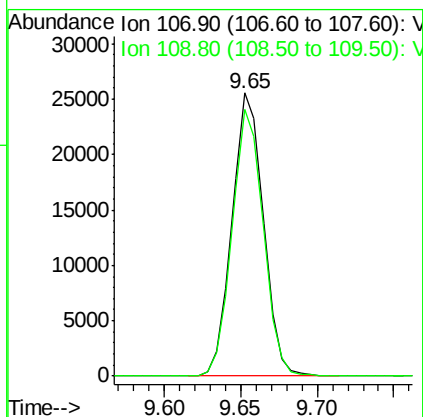
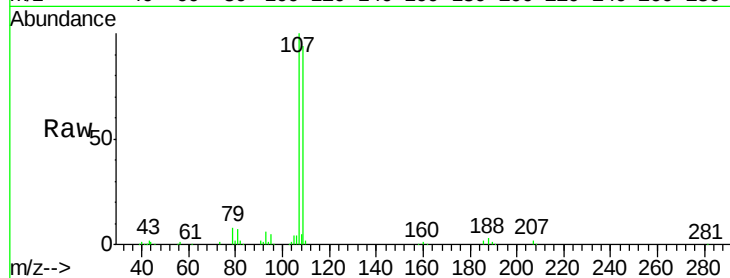
#61  
 1,2-Dibromoethane  
 Concen: 18.143 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. -0.01 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.0  | 75.1  | 112.7 |

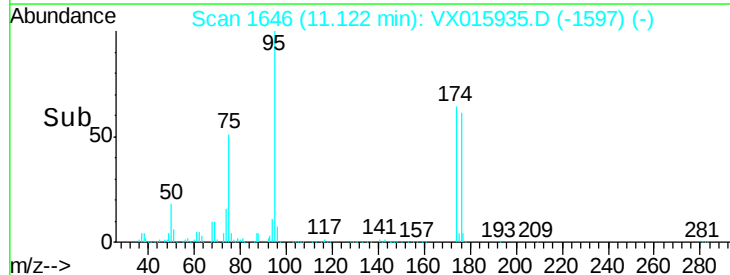
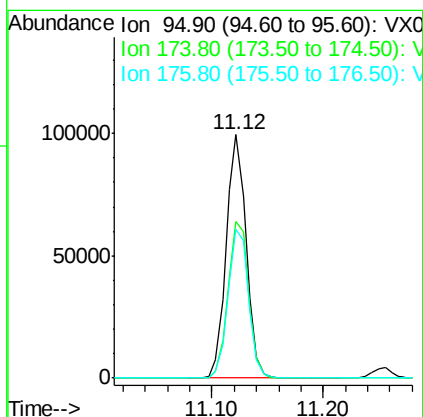
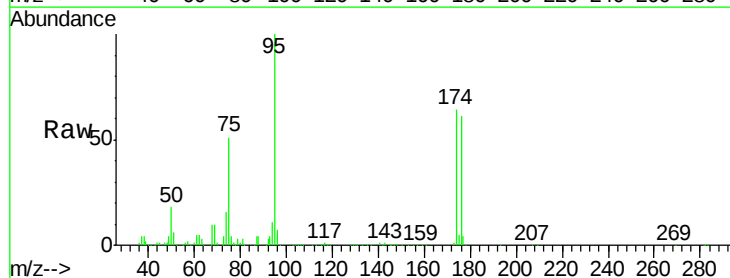
Manual Integrations  
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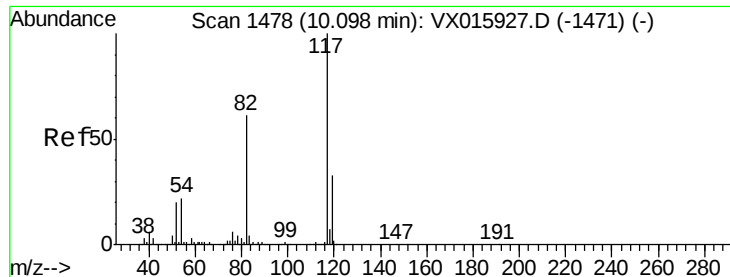
MMDadoda  
 4/27/2020 12:40:04 PM



#62  
 4-Bromofluorobenzene  
 Concen: 48.132 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.00 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 66.3  | 0.0   | 133.6 |
| 176     | 63.0  | 0.0   | 126.0 |





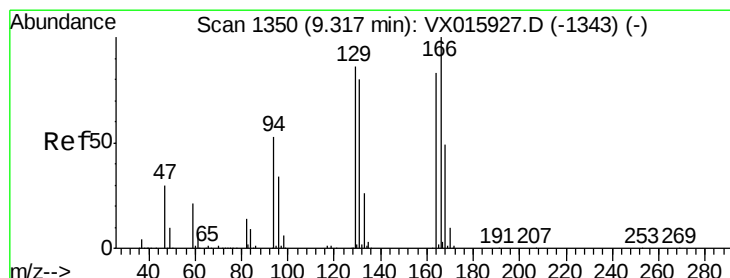
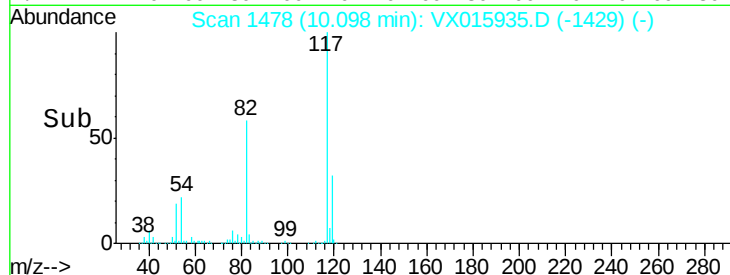
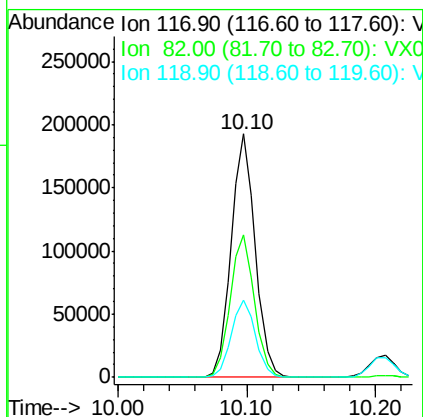
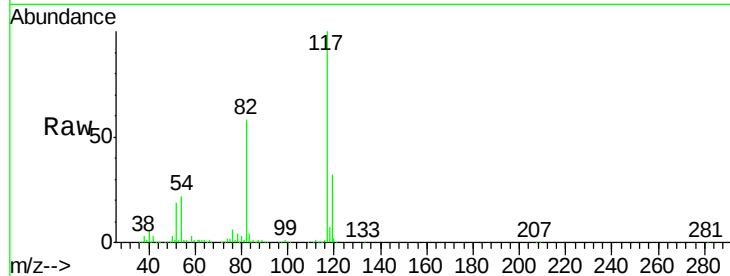
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.4  | 48.5  | 72.7  |
| 119     | 31.9  | 26.2  | 39.4  |

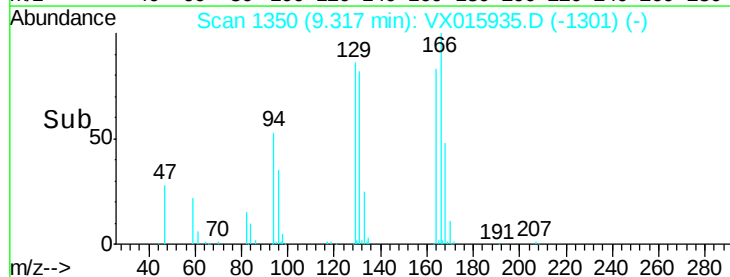
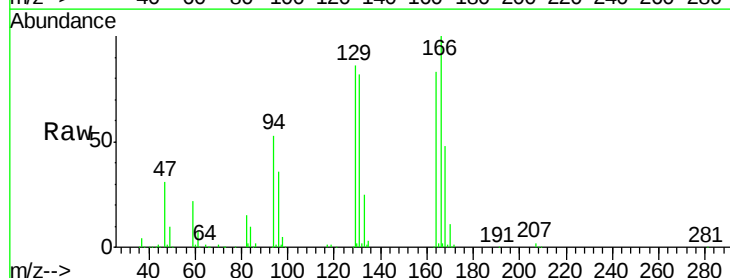
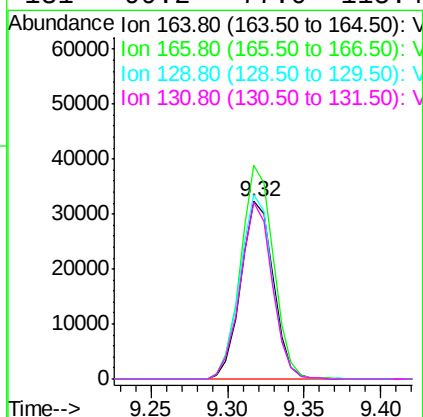
Manual Integrations  
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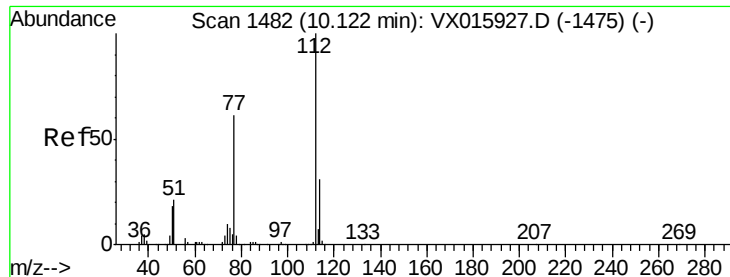
MMDadoda  
4/27/2020 12:40:04 PM



#64  
Tetrachloroethene  
Concen: 18.986 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 120.3 | 96.7  | 145.1 |
| 129     | 103.9 | 82.8  | 124.2 |
| 131     | 99.2  | 77.0  | 115.4 |





#65

Chlorobenzene

Concen: 18.479 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion:112 Resp: 92316

Ion Ratio Lower Upper

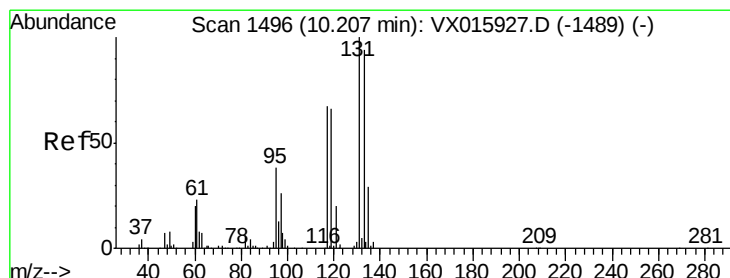
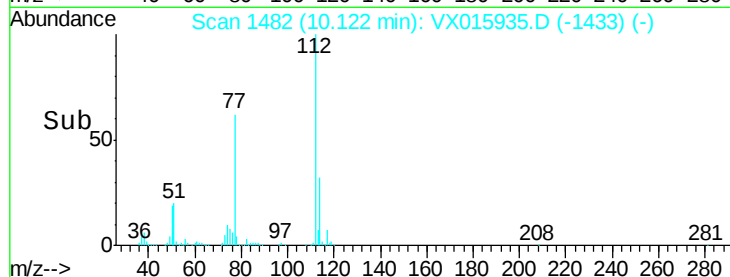
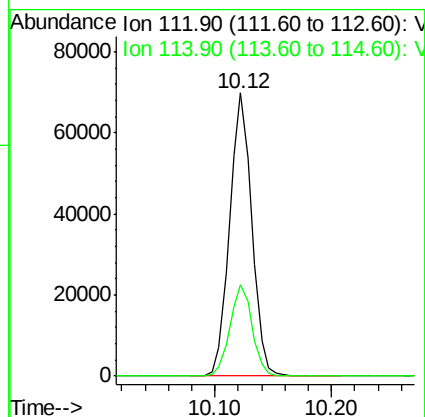
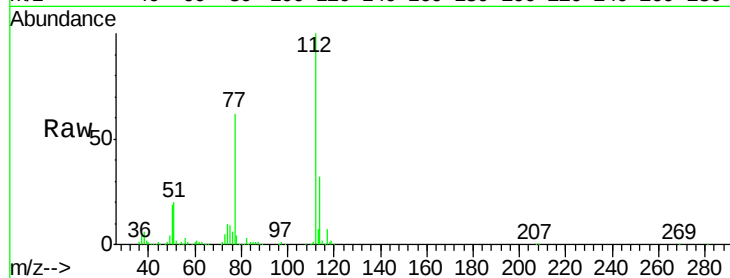
112 100

114 32.2 25.2 37.8

Manual Integrations  
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.686 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

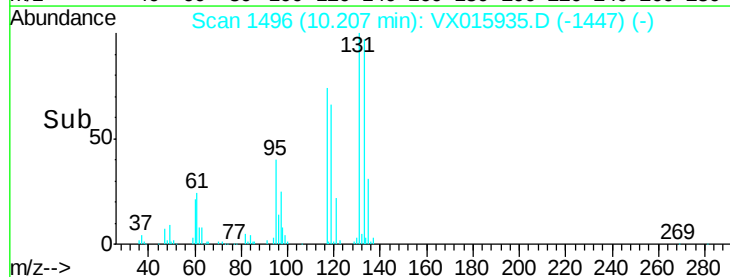
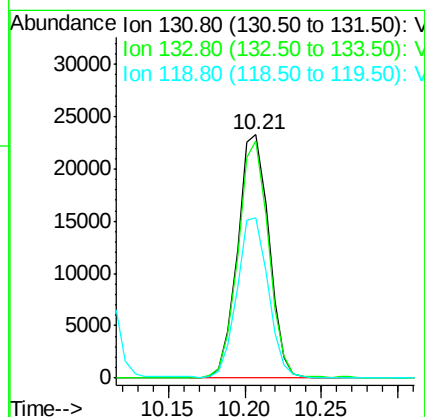
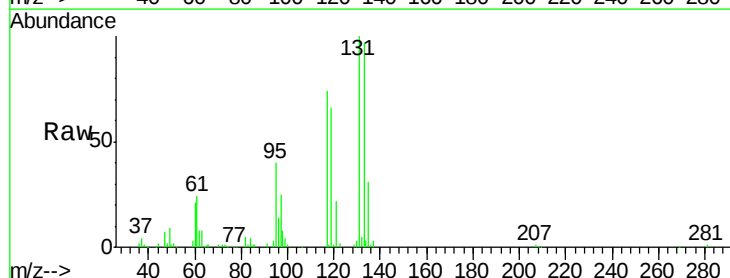
Tgt Ion:131 Resp: 33079

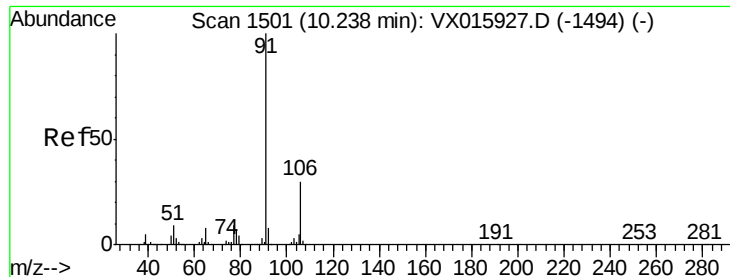
Ion Ratio Lower Upper

131 100

133 95.7 46.7 140.0

119 65.2 33.7 101.0





#67

Ethyl Benzene

Concen: 18.690 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 91 Resp: 172148

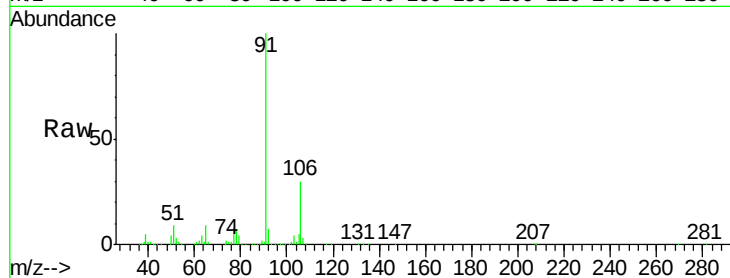
Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.4

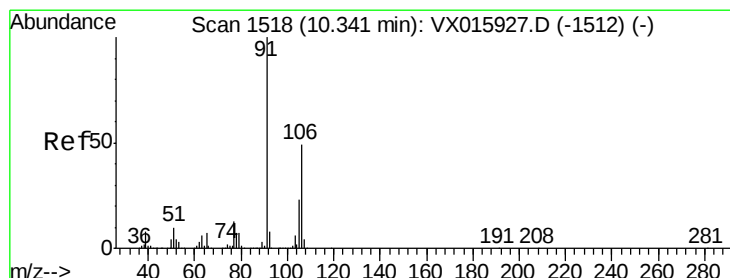
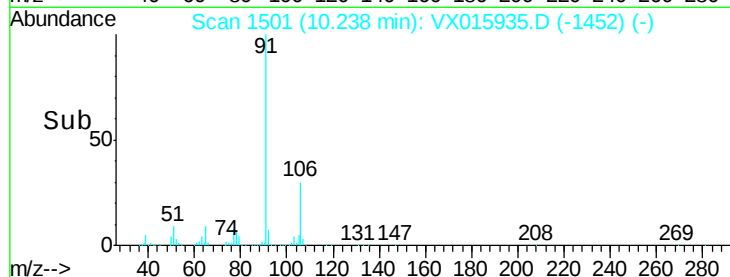
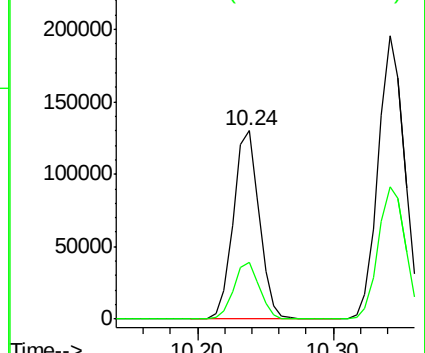
Manual Integrations  
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4/27/2020 12:40:04 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.652 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX015935.D

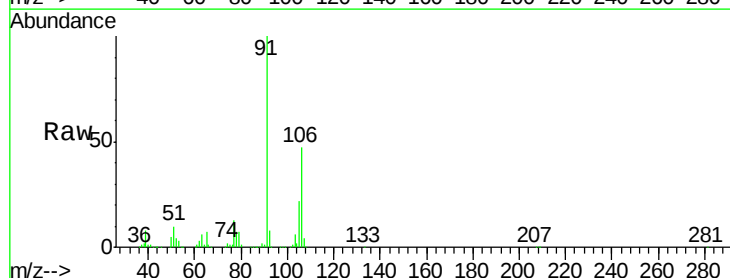
Acq: 24 Apr 2020 17:05

Tgt Ion: 106 Resp: 127006

Ion Ratio Lower Upper

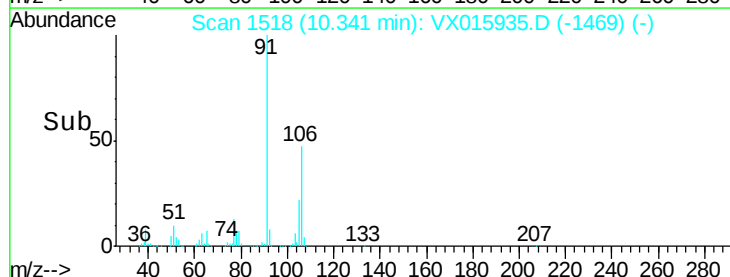
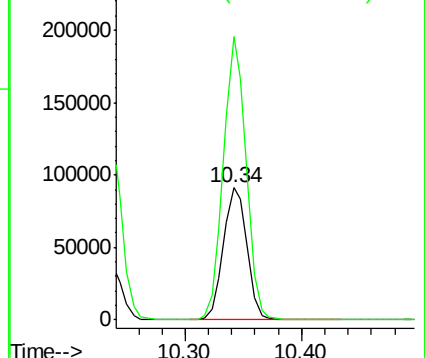
106 100

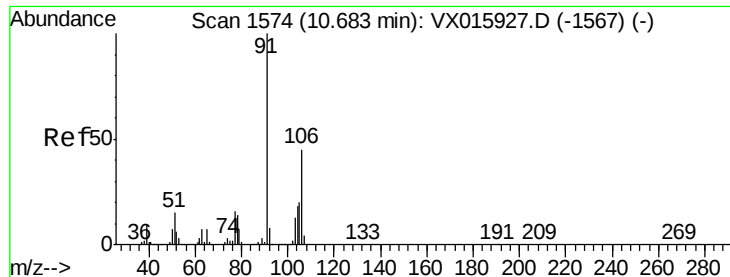
91 206.3 164.9 247.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





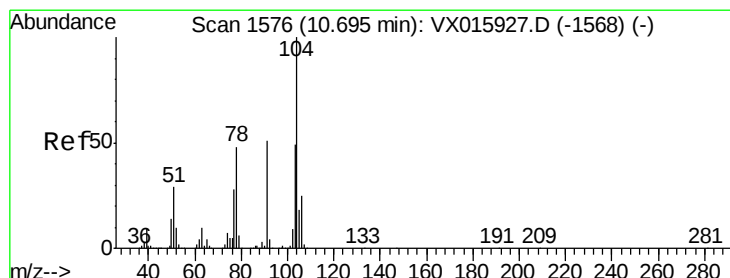
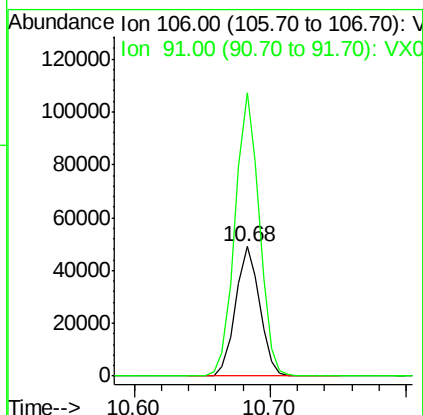
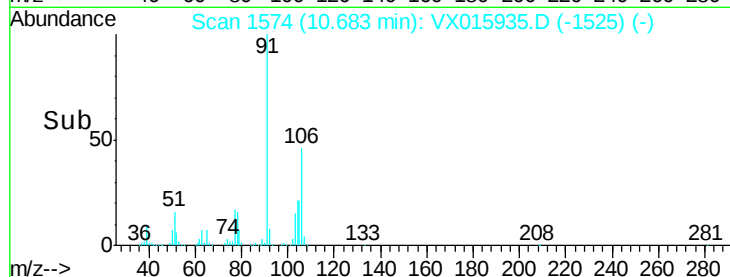
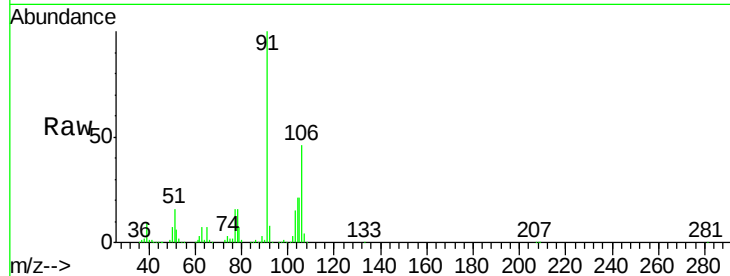
#69  
o-Xylene  
Concen: 18.515 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

Tot Ion:106 Resp: 60944  
Ion Ratio Lower Upper  
106 100  
91 218.2 108.6 325.8

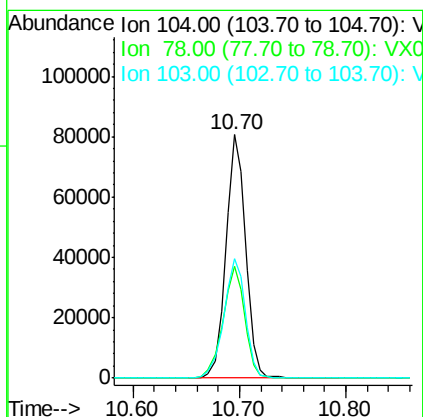
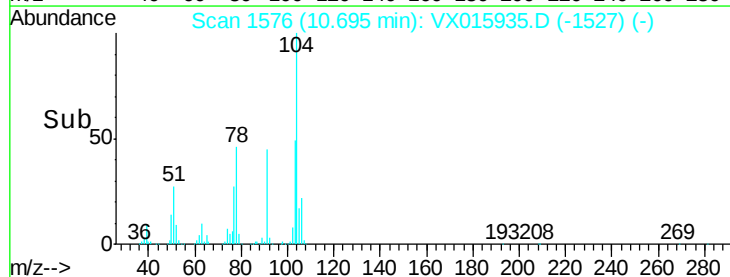
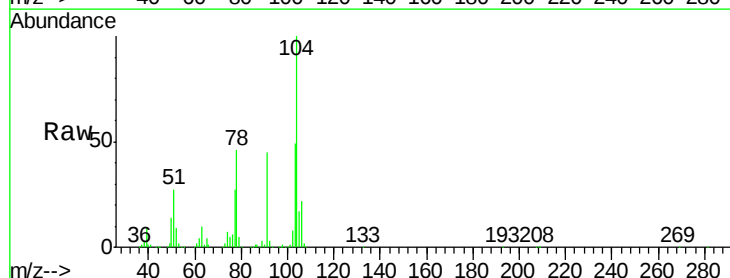
Manual Integrations  
APPROVED

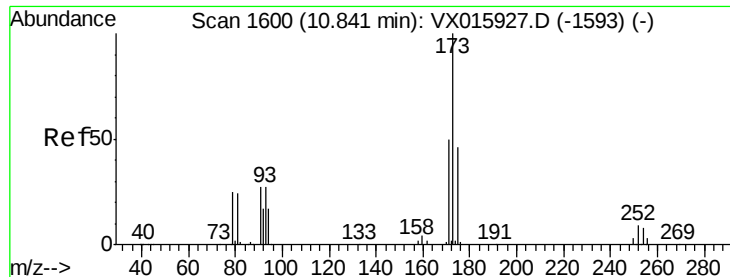
MMDadoda  
4/27/2020 12:40:04 PM



#70  
Styrene  
Concen: 18.359 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Tgt Ion:104 Resp: 104227  
Ion Ratio Lower Upper  
104 100  
78 50.8 40.5 60.7  
103 53.8 42.7 64.1





#71

Bromoform

Concen: 17.432 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion:173 Resp: 21297

Ion Ratio Lower Upper

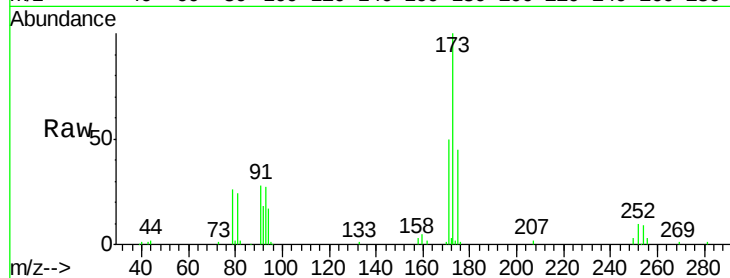
173 100

175 47.1 23.2 69.5

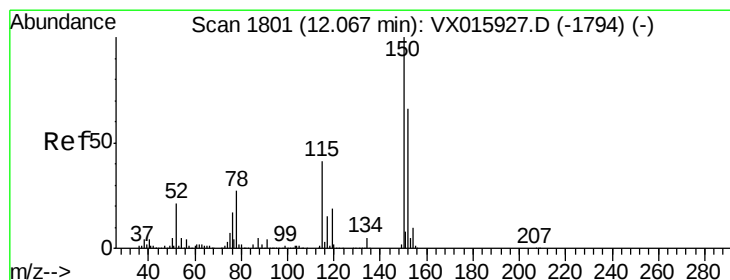
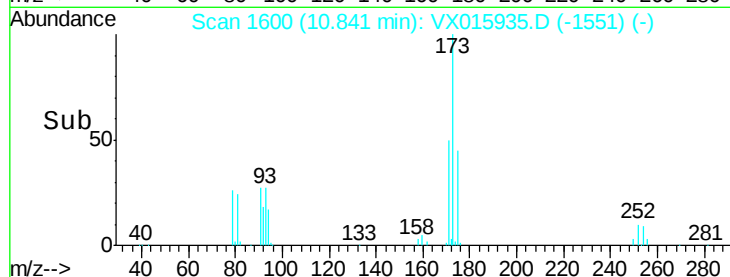
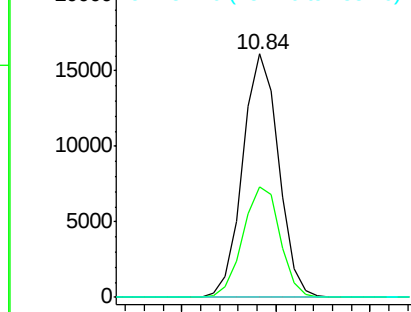
254 0.0 0.1 0.1#

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MMDadoda  
4/27/2020 12:40:04 PM



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

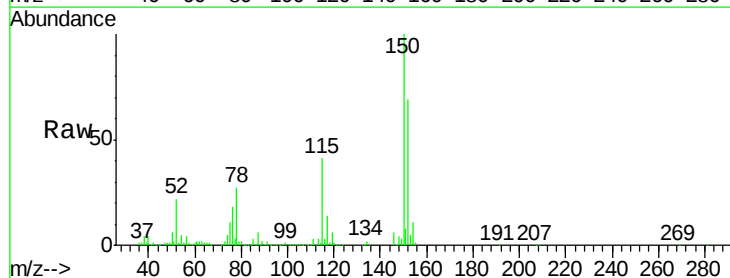
Tgt Ion:152 Resp: 121738

Ion Ratio Lower Upper

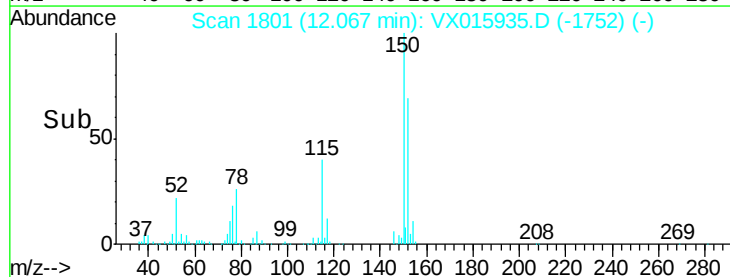
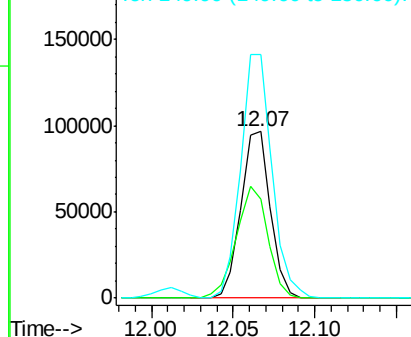
152 100

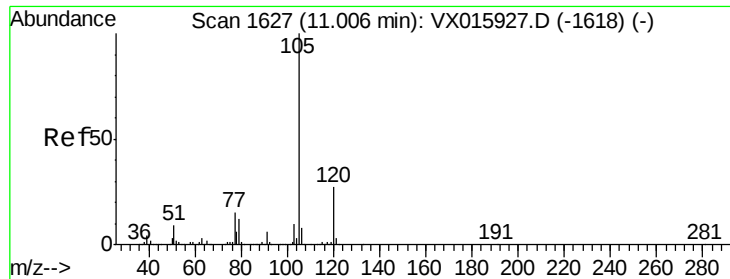
115 72.0 44.1 132.4

150 156.1 0.0 343.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.311 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 105 Resp: 165687

Ion Ratio Lower Upper

105 100

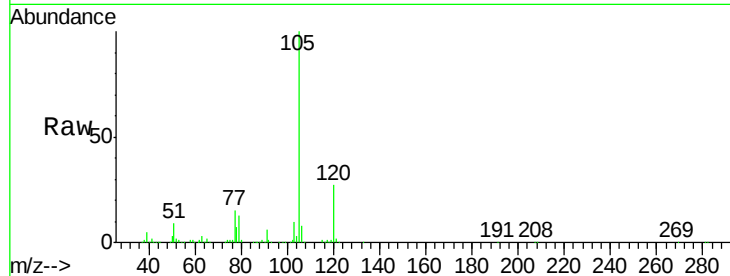
120 26.1 13.1 39.1

Manual Integrations

APPROVED

MMDadoda

4/27/2020 12:40:04 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

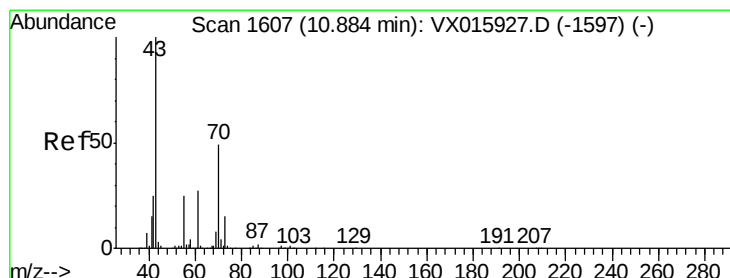
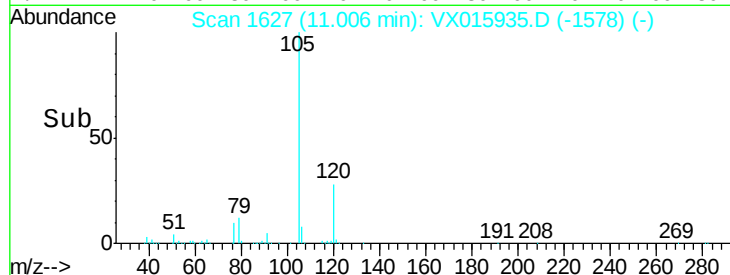
11.01

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.885 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Tgt Ion: 43 Resp: 70286

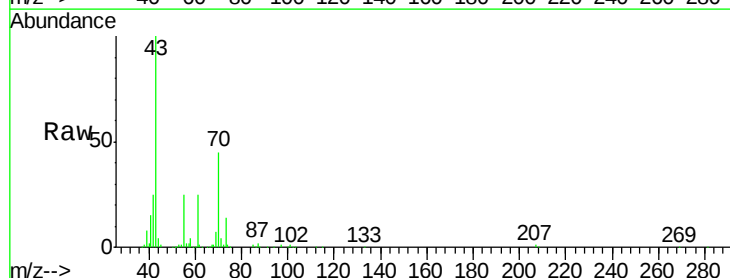
Ion Ratio Lower Upper

43 100

70 46.2 37.8 56.6

55 25.1 20.2 30.2

61 26.4 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

10.88

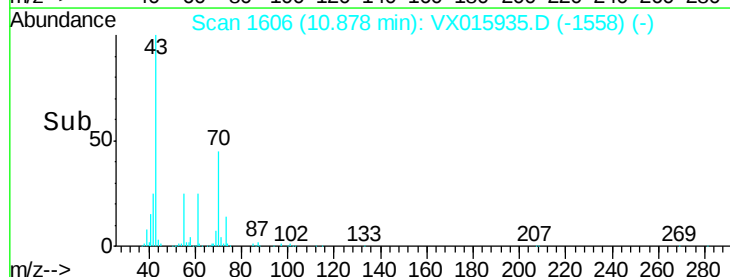
60000

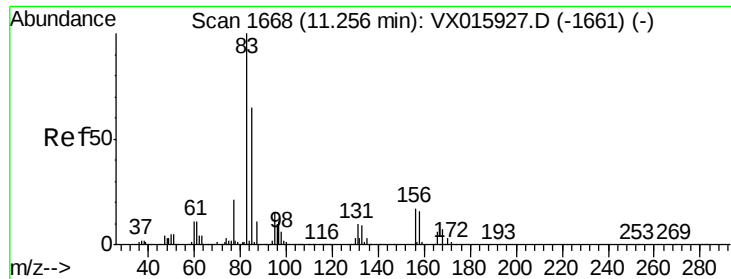
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.470 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 83 Resp: 35723

Ion Ratio Lower Upper

83 100

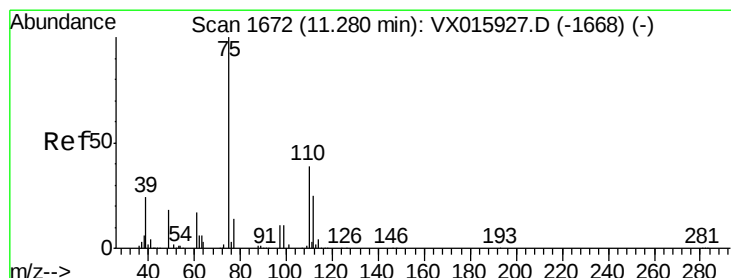
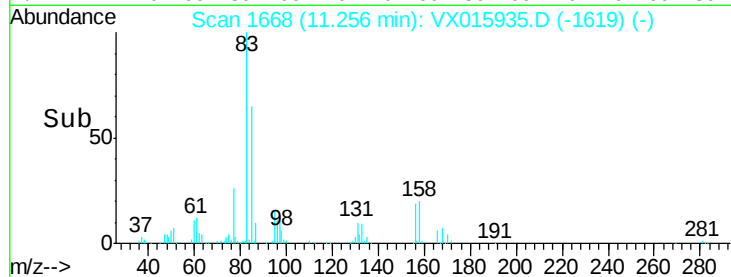
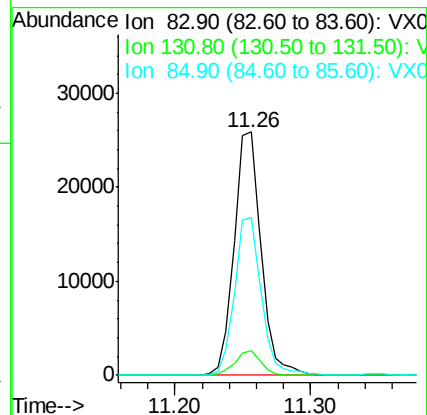
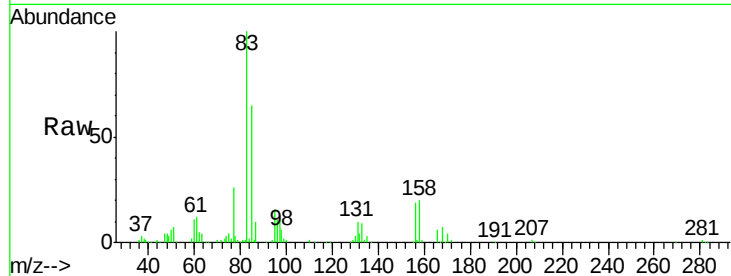
131 9.7 4.9 14.6

85 64.7 32.1 96.3

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 18.532 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX015935.D

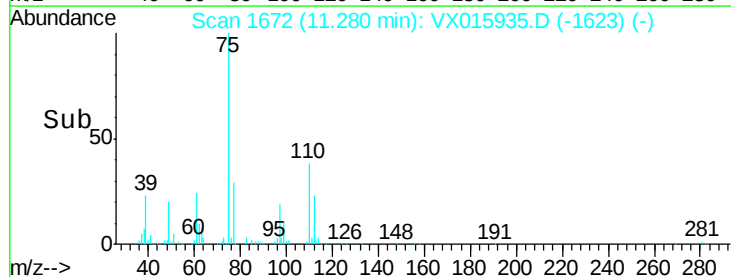
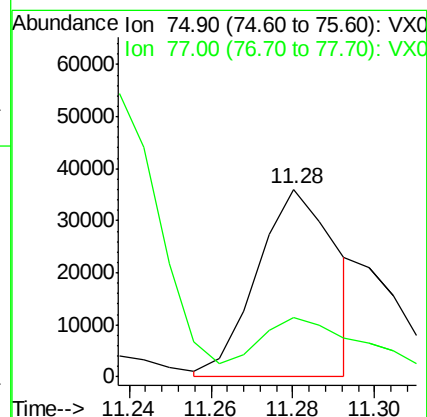
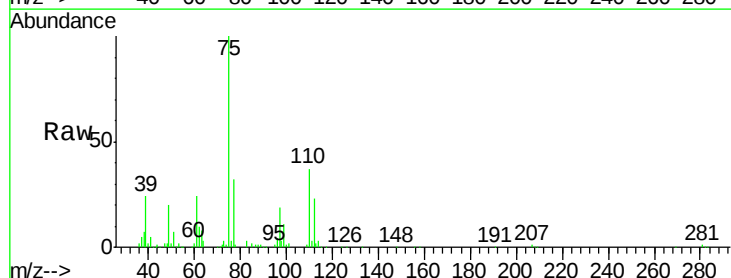
Acq: 24 Apr 2020 17:05

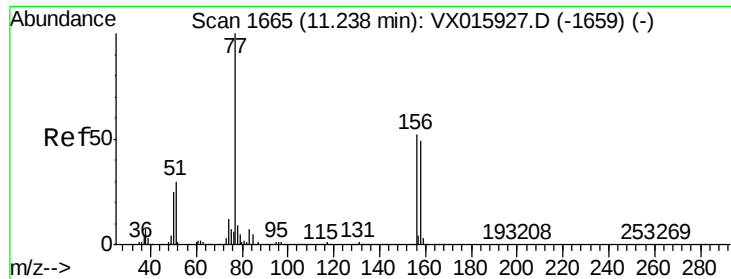
Tgt Ion: 75 Resp: 48393

Ion Ratio Lower Upper

75 100

77 42.5 22.1 66.5





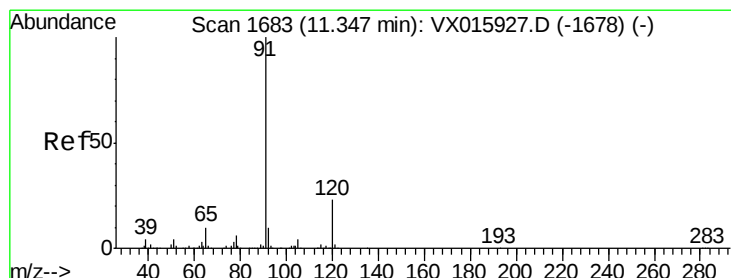
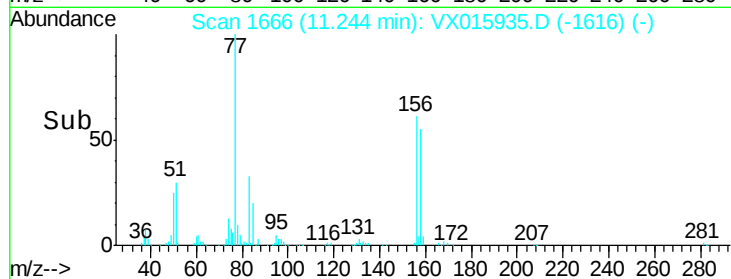
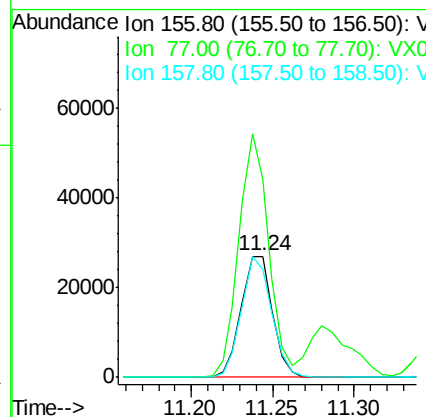
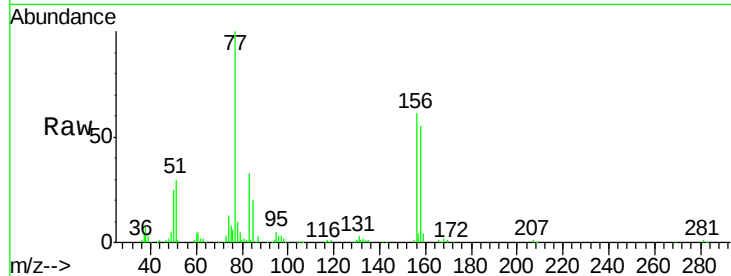
#77  
Bromobenzene  
Concen: 17.683 ug/l  
RT: 11.24 min Scan# 1666  
Delta R.T. 0.01 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 190.6 | 94.0  | 281.9 |
| 158     | 95.8  | 48.6  | 145.9 |

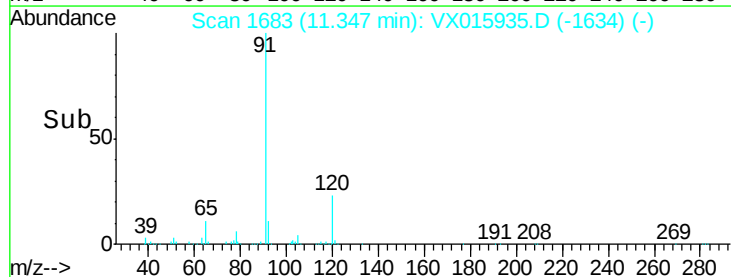
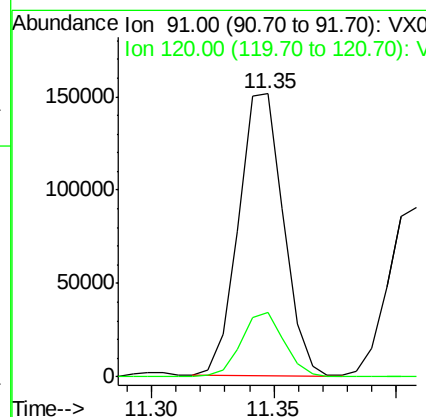
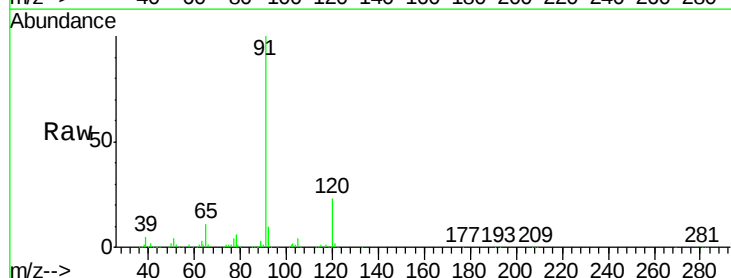
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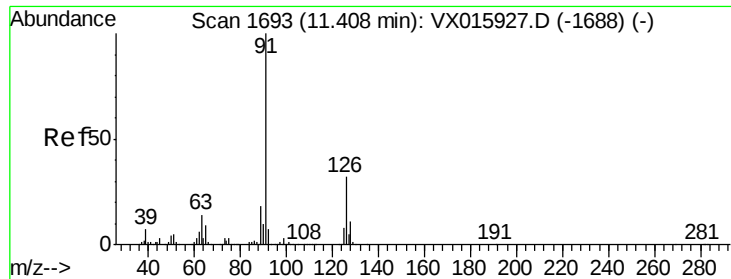
MMDadoda  
4/27/2020 12:40:04 PM



#78  
n-propylbenzene  
Concen: 17.967 ug/l  
RT: 11.35 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.1  | 11.2  | 33.6  |





#79

2-Chlorotoluene

Concen: 18.275 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0424WBS01

Tot Ion: 91 Resp: 115089

Ion Ratio Lower Upper

91 100

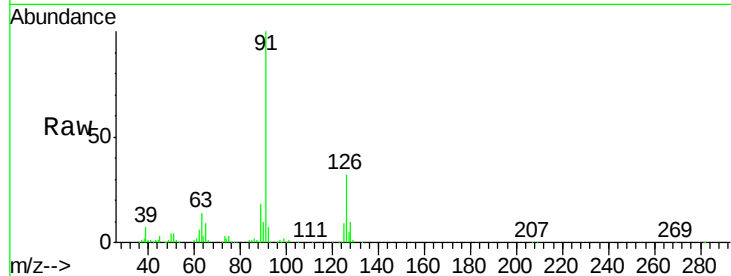
126 32.3 15.8 47.3

Manual Integrations

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4/27/2020 12:40:04 PM



Abundance Ion 91.00 (90.70 to 91.70): VX015927.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX015927.D (-1688) (-)

150000

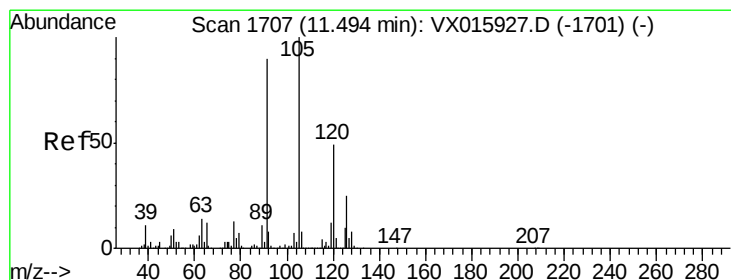
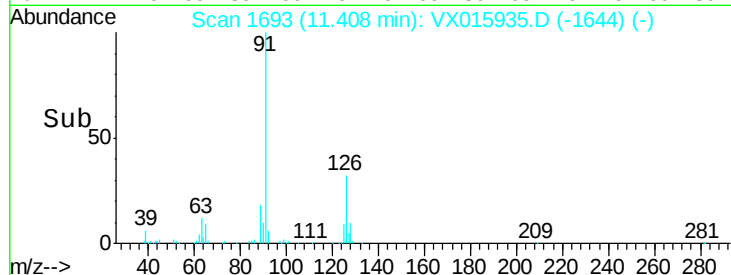
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.201 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015935.D

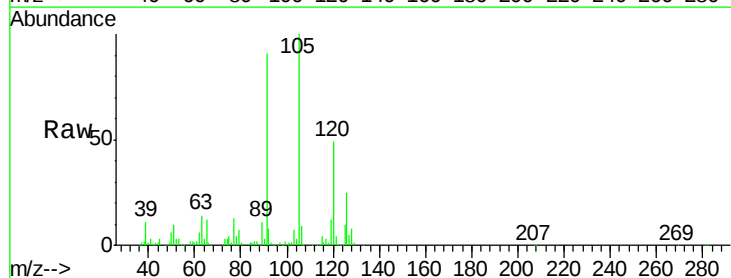
Acq: 24 Apr 2020 17:05

Tgt Ion: 105 Resp: 140006

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX015927.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015927.D (-1701) (-)

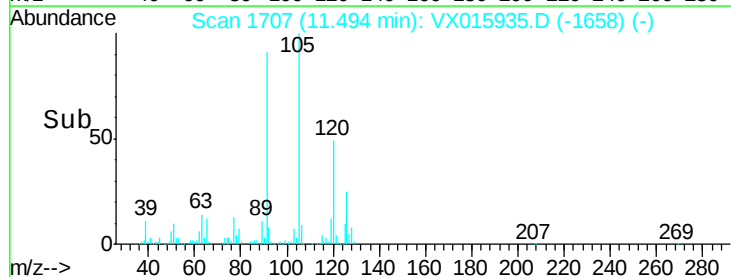
100000

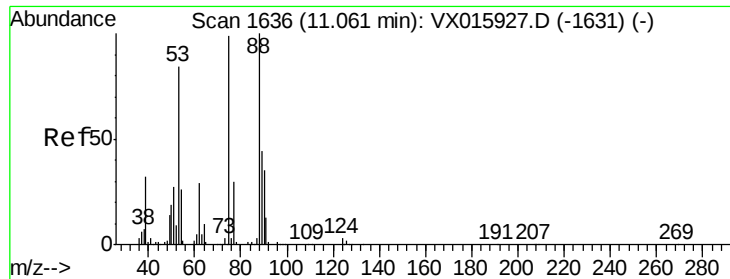
50000

0

11.45 11.50 11.55

Time-->





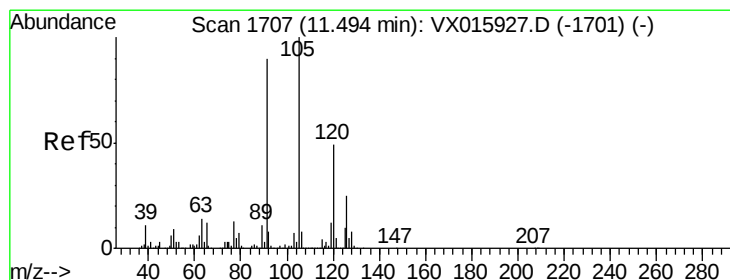
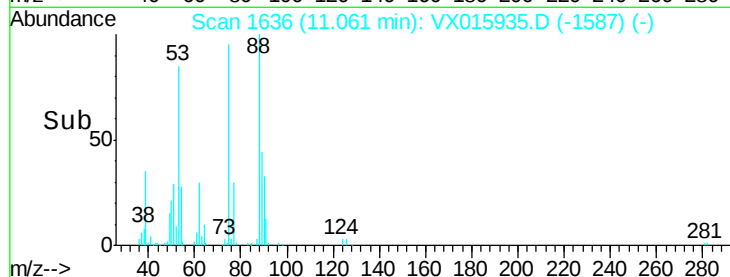
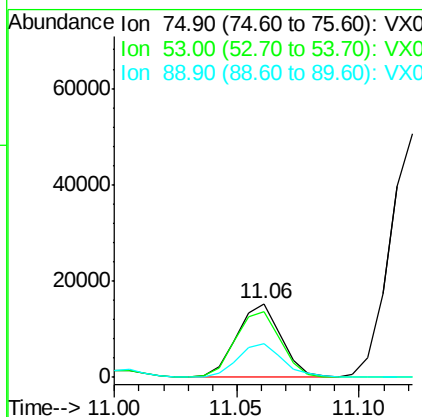
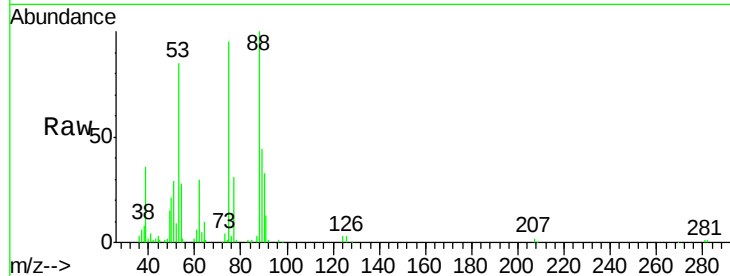
#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.504 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 91.9  | 69.7  | 104.5 |
| 89      | 47.2  | 36.3  | 54.5  |

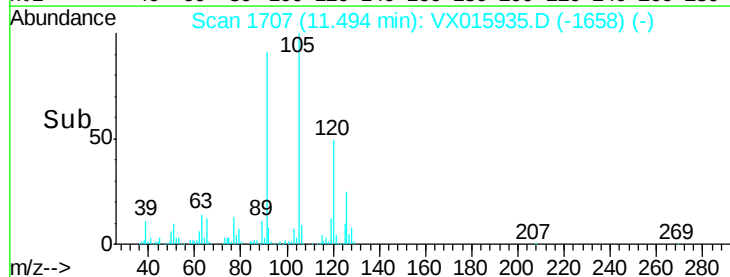
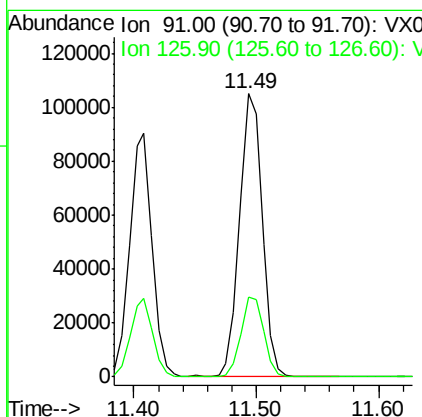
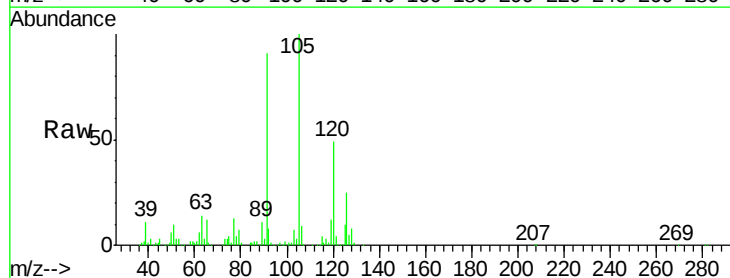
Manual Integrations  
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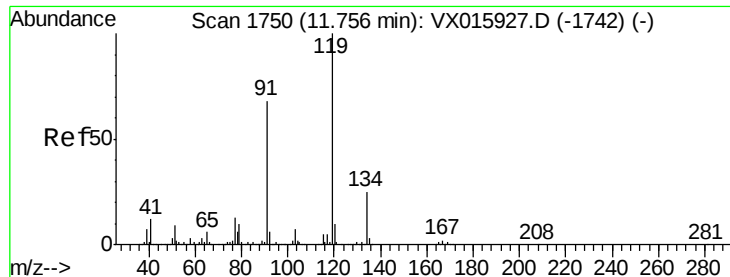
MMDadoda  
4/27/2020 12:40:04 PM



#82  
4-Chlorotoluene  
Concen: 17.928 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 28.3  | 14.2  | 42.8  |





#83

tert-Butylbenzene

Concen: 17.919 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

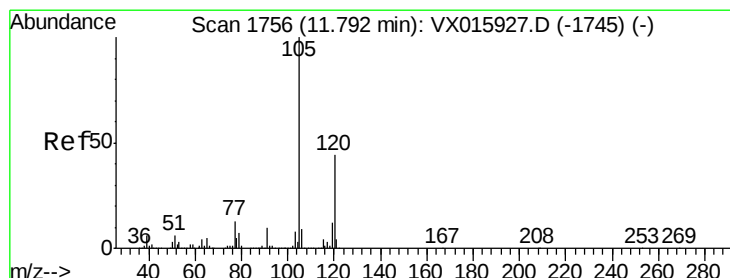
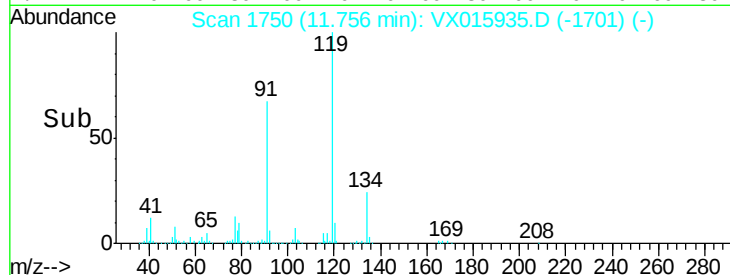
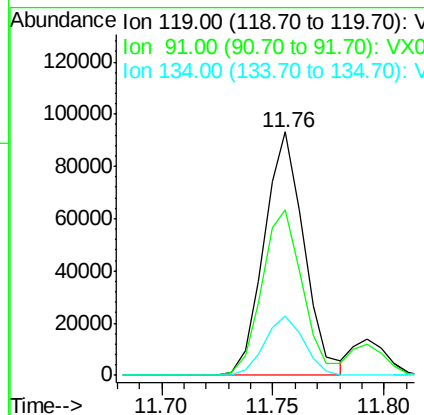
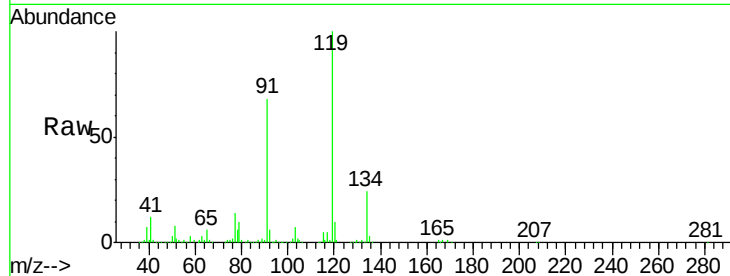
ClientSampleId :

VX0424WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 115896 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 69.7  | 34.3  | 102.8  |
| 134       | 24.2  | 12.1  | 36.3   |

Manual Integrations  
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MMDadoda  
4/27/2020 12:40:04 PM



#84

1,2,4-Trimethylbenzene

Concen: 17.956 ug/l

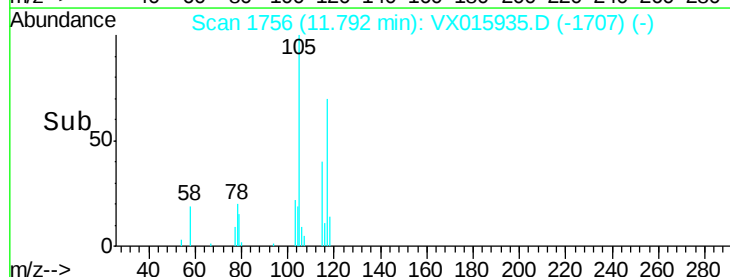
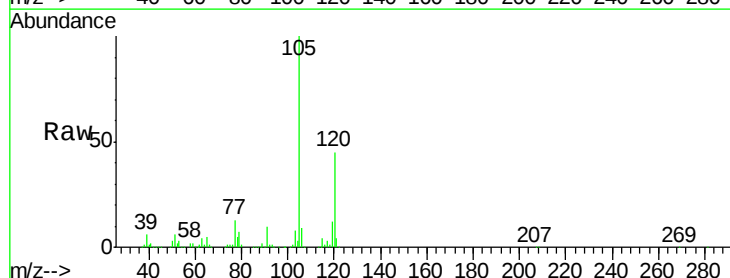
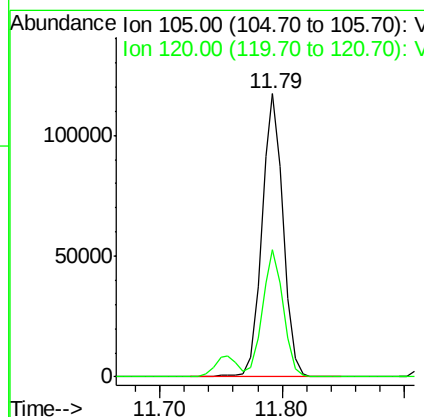
RT: 11.79 min Scan# 1756

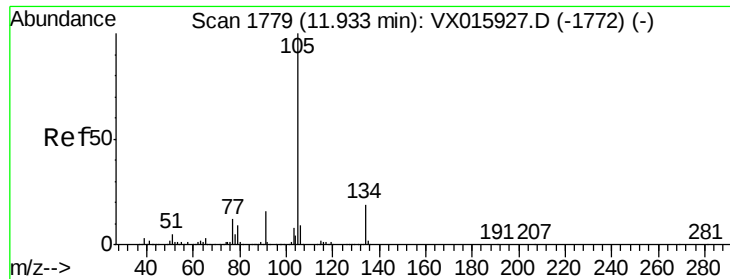
Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 141626 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.2  | 22.3  | 66.8   |





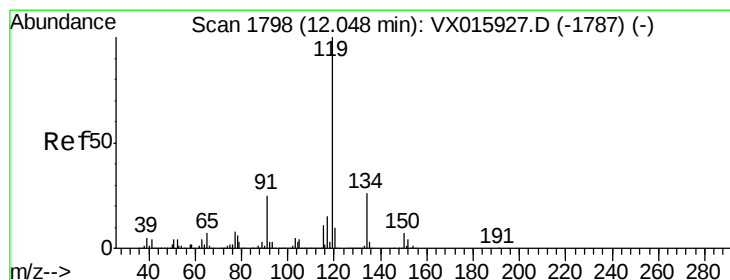
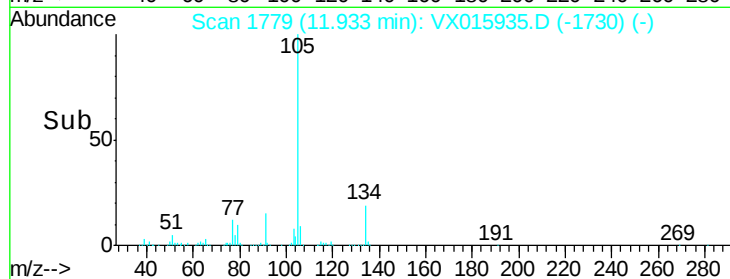
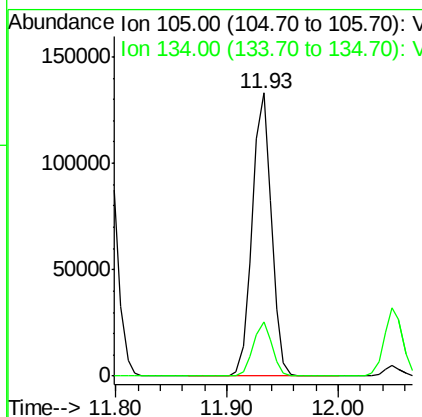
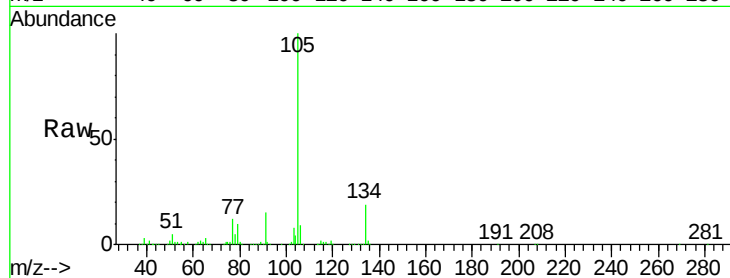
#85  
 sec-Butylbenzene  
 Concen: 18.021 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0424WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 159585 |       |       |
| 134     | 18.8  | 9.3    | 28.0  |       |

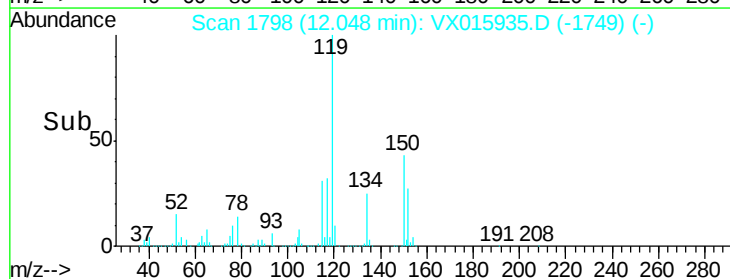
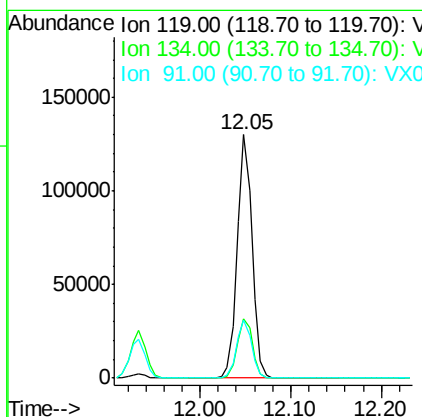
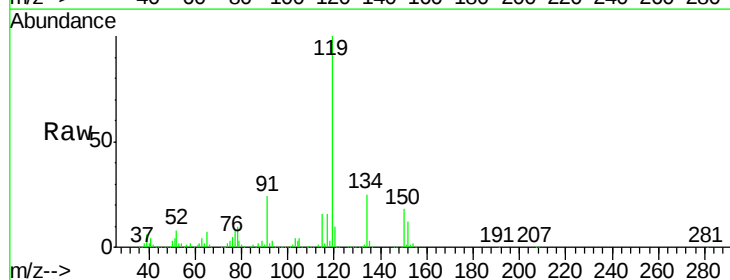
Manual Integrations  
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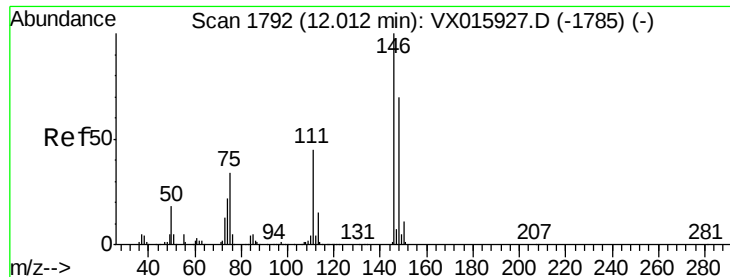
MMDadoda  
 4/27/2020 12:40:04 PM



#86  
 p-Isopropyltoluene  
 Concen: 18.225 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 147173 |       |       |
| 134     | 25.3  | 12.6   | 37.8  |       |
| 91      | 24.5  | 12.2   | 36.6  |       |





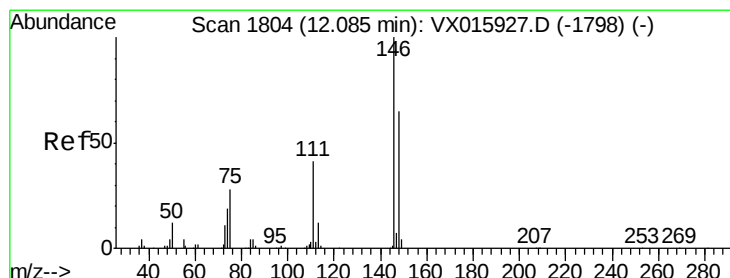
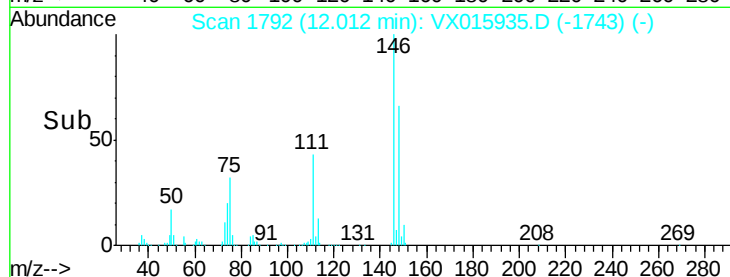
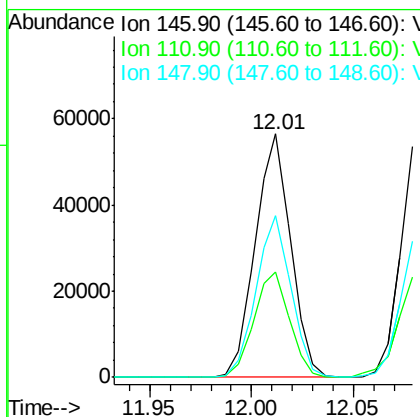
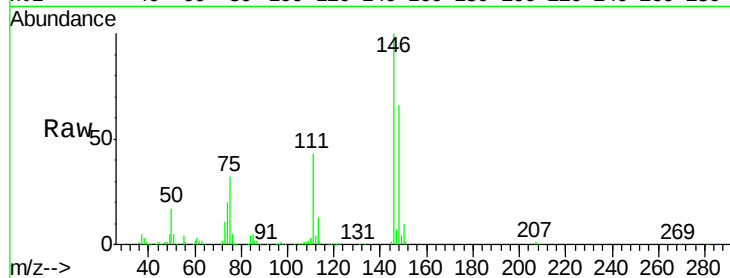
#87  
 1,3-Dichlorobenzene  
 Concen: 18.098 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.6  | 22.2  | 66.6  |
| 148     | 65.6  | 32.8  | 98.4  |

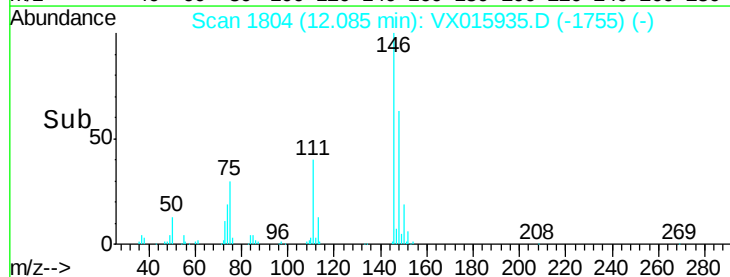
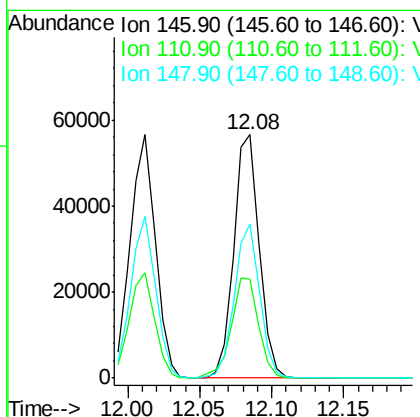
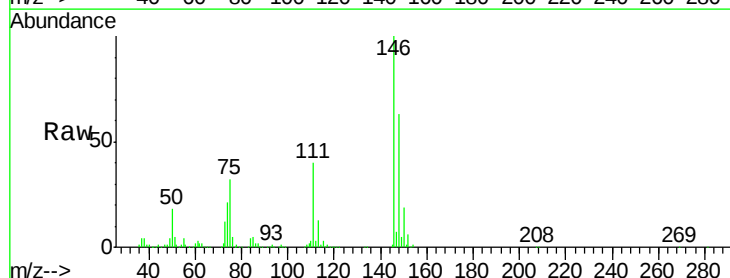
Manual Integrations  
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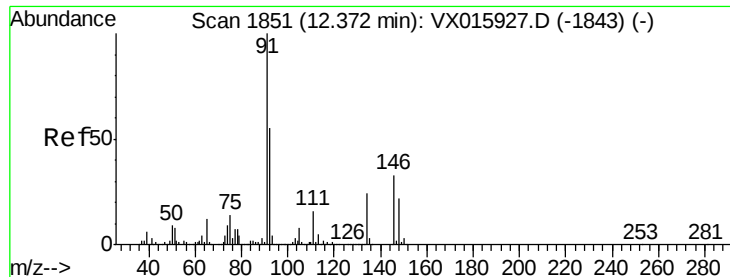
MMDadoda  
 4/27/2020 12:40:04 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.043 ug/l  
 RT: 12.08 min Scan# 1804  
 Delta R.T. -0.00 min  
 Lab File: VX015935.D  
 Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.2  | 21.6  | 64.6  |
| 148     | 62.8  | 32.3  | 96.8  |





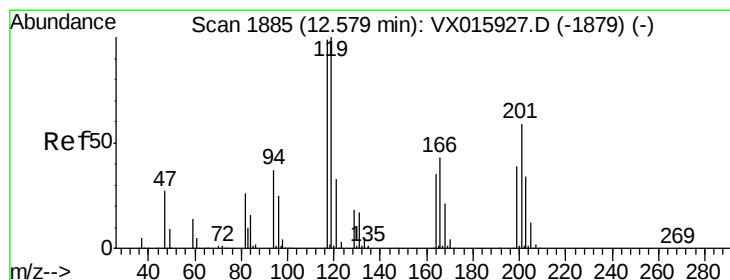
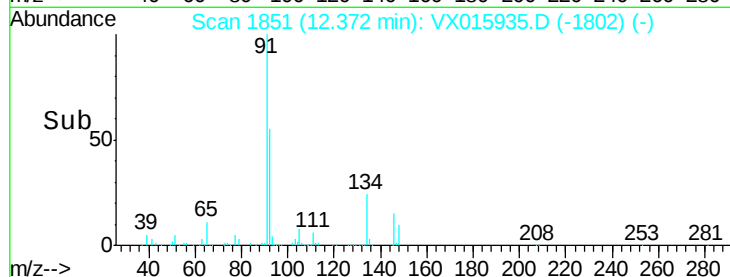
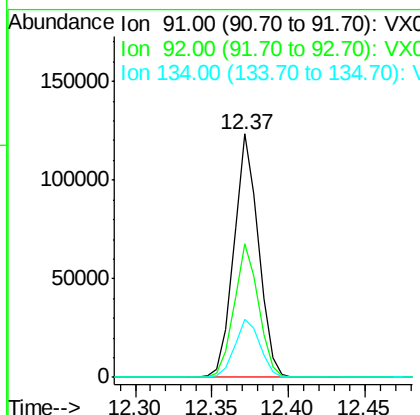
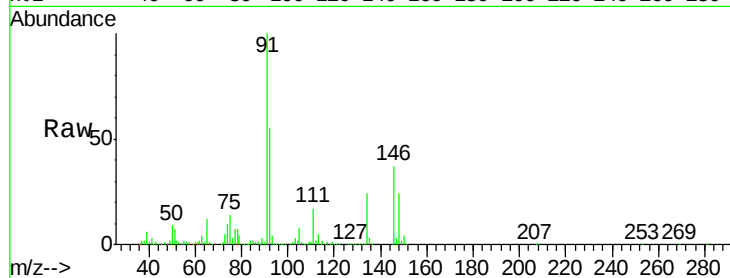
#89  
n-Butylbenzene  
Concen: 17.991 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.5  | 27.3  | 81.9  |
| 134     | 24.4  | 12.2  | 36.4  |

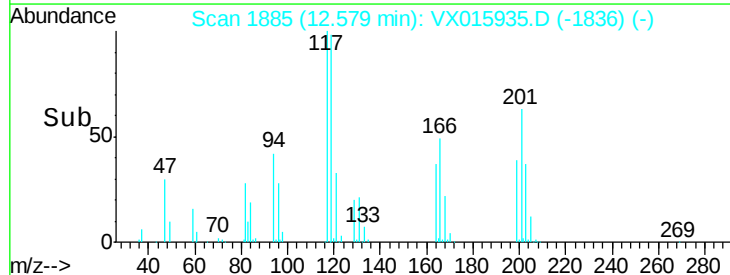
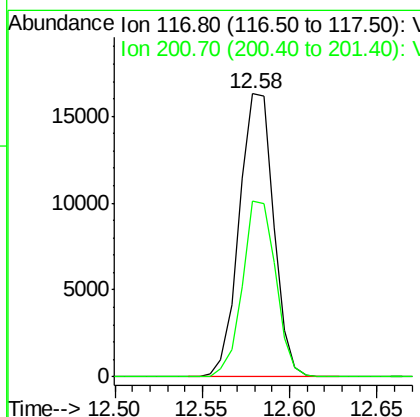
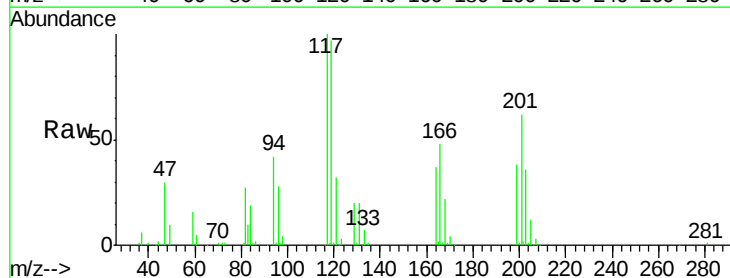
Manual Integrations  
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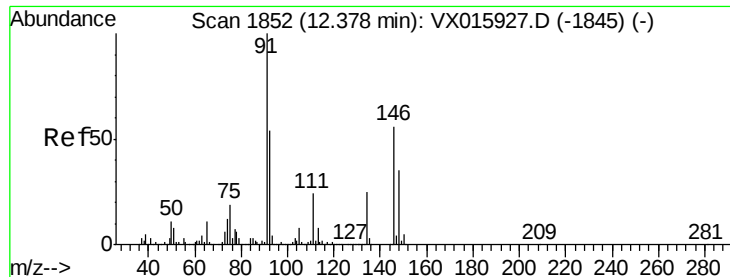
MMDadoda  
4/27/2020 12:40:04 PM



#90  
Hexachloroethane  
Concen: 17.749 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 60.1  | 32.1  | 96.3  |





#91

1,2-Dichlorobenzene

Concen: 18.279 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

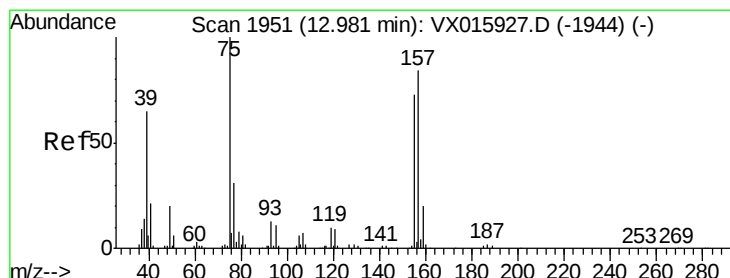
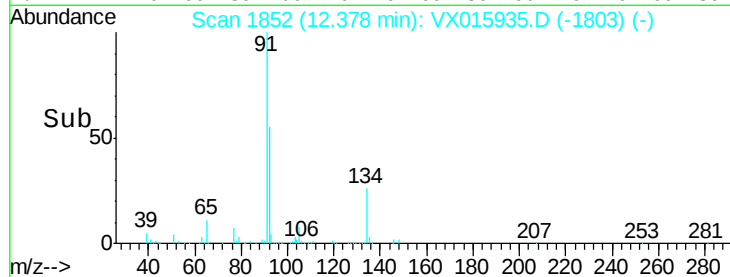
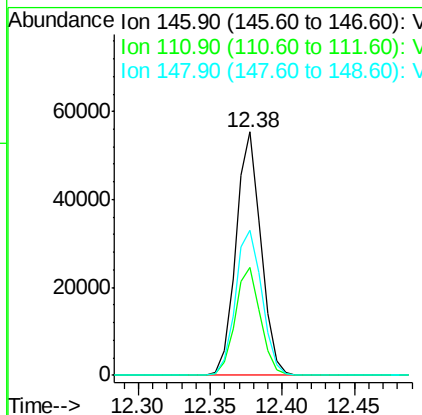
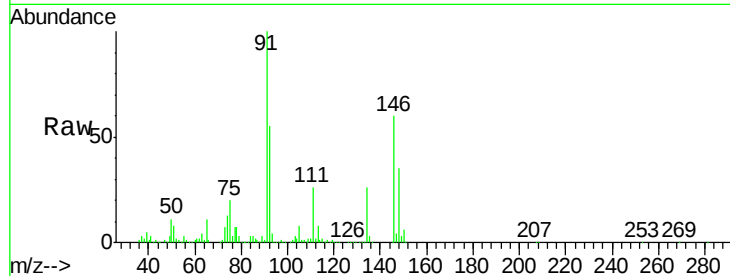
ClientSampleId :

VX0424WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 66981 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 44.9  | 22.3  | 66.8  |
| 148       | 63.3  | 31.4  | 94.2  |

Manual Integrations  
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.800 ug/l

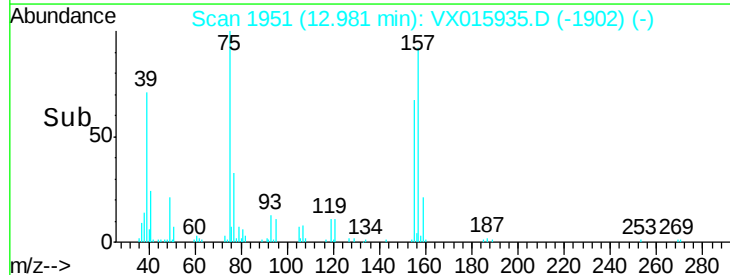
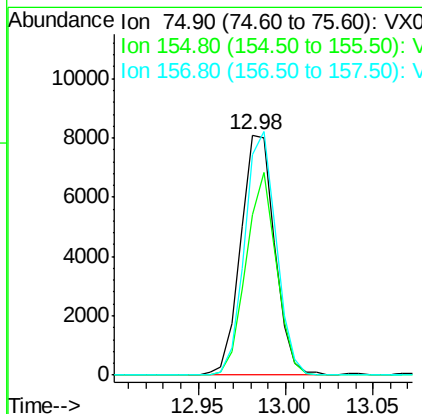
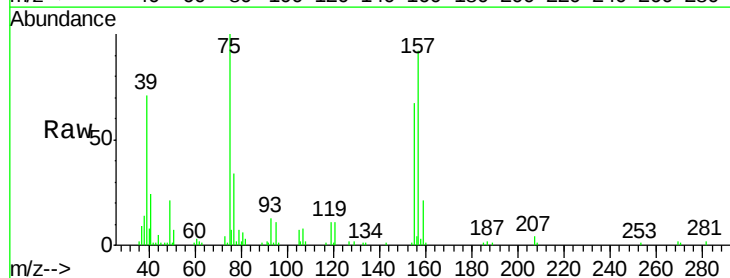
RT: 12.98 min Scan# 1951

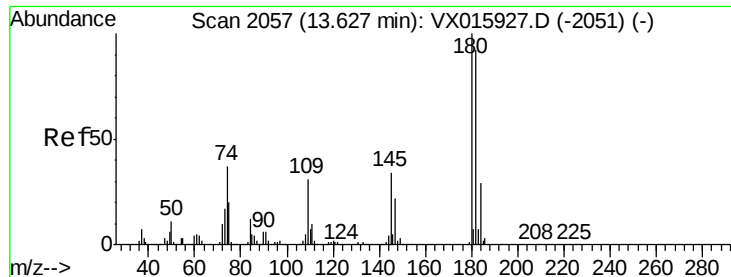
Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 10937 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 75.4  | 37.9  | 113.6 |
| 157       | 94.2  | 47.9  | 143.8 |





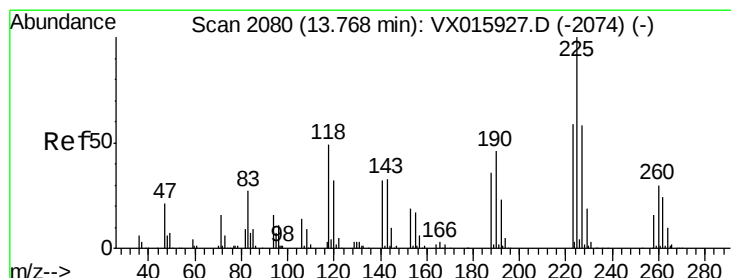
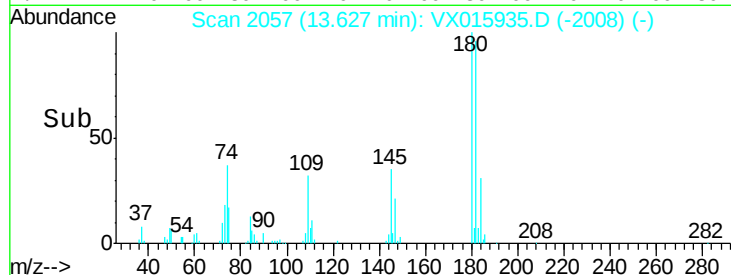
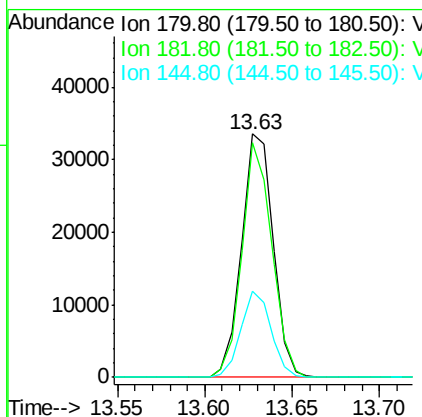
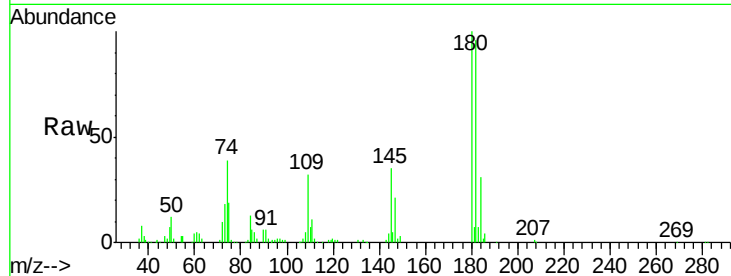
#93  
1,2,4-Trichlorobenzene  
Concen: 17.814 ug/l  
RT: 13.63 min Scan# 2057  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0424WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.4  | 47.6  | 142.9 |
| 145     | 34.0  | 17.3  | 52.0  |

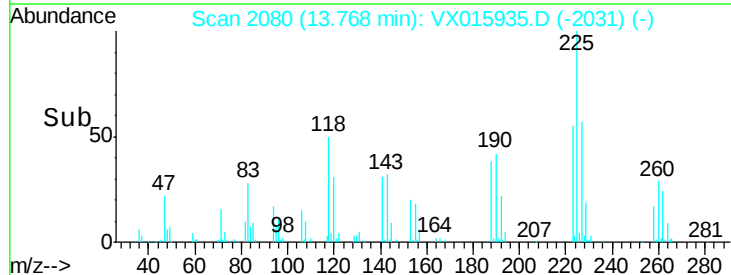
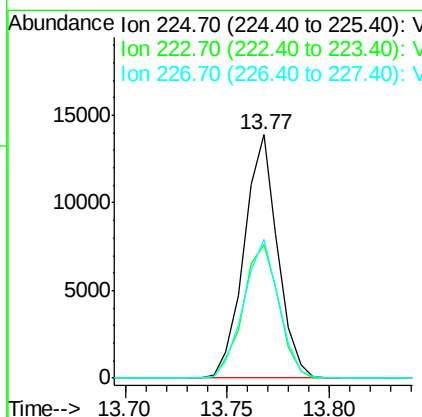
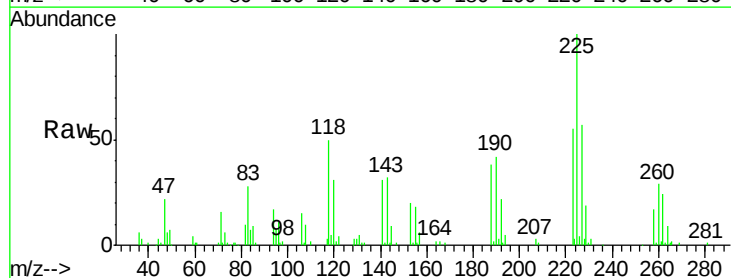
Manual Integrations  
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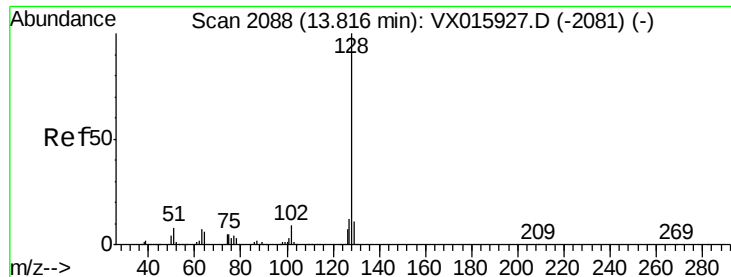
MMDadoda  
4/27/2020 12:40:04 PM



#94  
Hexachlorobutadiene  
Concen: 18.847 ug/l  
RT: 13.77 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX015935.D  
Acq: 24 Apr 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 58.8  | 30.6  | 91.6  |
| 227     | 59.8  | 32.0  | 96.2  |





#95

Naphthalene

Concen: 17.555 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA\_X

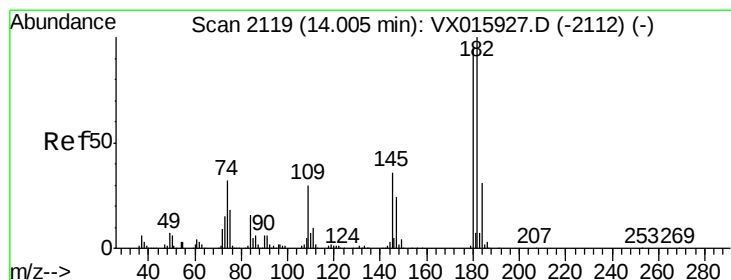
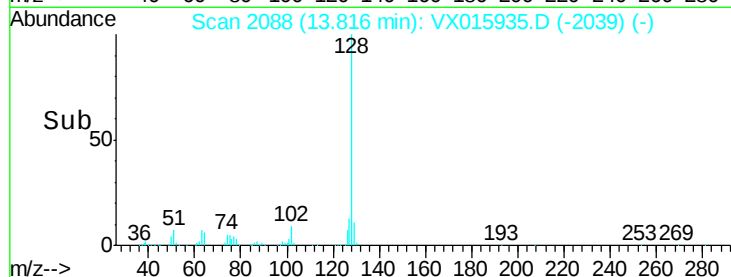
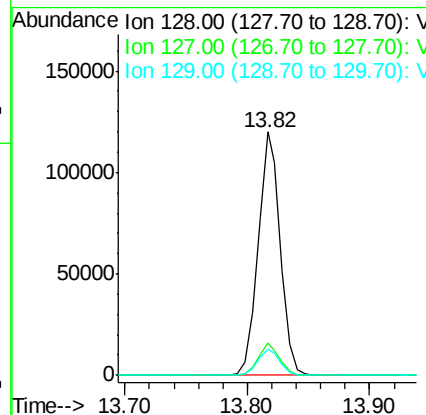
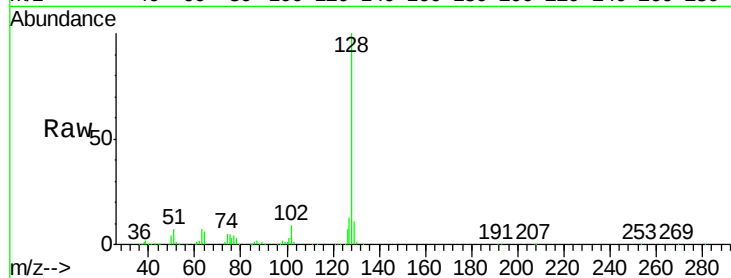
ClientSampleId :

VX0424WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 150928 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.7  | 10.1  | 15.1   |
| 129       | 10.8  | 8.7   | 13.1   |

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4/27/2020 12:40:04 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.868 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 39964 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.8  | 50.1  | 150.3 |
| 145       | 36.7  | 18.9  | 56.9  |

