

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\  
 Data File : VX016883.D  
 Acq On : 19 Jun 2020 16:37  
 Operator : JC/SP  
 Sample : VX0619WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0619WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 6/22/2020 12:23:04 PM

Quant Time: Jun 22 03:44:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 19 12:07:48 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 5.63  | 168  | 244777   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.83  | 114  | 367859   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 10.10 | 117  | 346678   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.06 | 152  | 183763   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 6.03  | 65   | 145357   | 49.38   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 98.76%  |          |
| 35) Dibromofluoromethane      | 5.47  | 113  | 125866   | 53.49   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 106.98% |          |
| 50) Toluene-d8                | 8.70  | 98   | 457741   | 48.62   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 97.24%  |          |
| 62) 4-Bromofluorobenzene      | 11.12 | 95   | 176370   | 48.89   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 97.78%  |          |
| Target Compounds              |       |      |          | Qvalue  |         |          |
| 2) Dichlorodifluoromethane    | 1.18  | 85   | 73316    | 24.407  | ug/l    | 100      |
| 3) Chloromethane              | 1.31  | 50   | 65217    | 21.411  | ug/l    | 100      |
| 4) Vinyl Chloride             | 1.39  | 62   | 76246    | 22.210  | ug/l    | 98       |
| 5) Bromomethane               | 1.63  | 94   | 51039    | 24.692  | ug/l    | 97       |
| 6) Chloroethane               | 1.72  | 64   | 43876    | 20.752  | ug/l    | 98       |
| 7) Trichlorofluoromethane     | 1.92  | 101  | 103098   | 21.468  | ug/l    | 98       |
| 8) Diethyl Ether              | 2.17  | 74   | 38624    | 20.685  | ug/l    | 96       |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37  | 101  | 54906    | 21.464  | ug/l    | 97       |
| 10) Methyl Iodide             | 2.49  | 142  | 47543    | 19.523  | ug/l    | 99       |
| 11) Tert butyl alcohol        | 3.01  | 59   | 59726    | 120.012 | ug/l    | 99       |
| 12) 1,1-Dichloroethene        | 2.36  | 96   | 54504    | 20.837  | ug/l    | 98       |
| 13) Acrolein                  | 2.27  | 56   | 28964    | 95.992  | ug/l    | 100      |
| 14) Allyl chloride            | 2.71  | 41   | 73635    | 21.282  | ug/l    | 98       |
| 15) Acrylonitrile             | 3.12  | 53   | 132852   | 116.491 | ug/l    | 99       |
| 16) Acetone                   | 2.42  | 43   | 125286   | 117.234 | ug/l    | 97       |
| 17) Carbon Disulfide          | 2.55  | 76   | 148699   | 21.997  | ug/l    | 99       |
| 18) Methyl Acetate            | 2.75  | 43   | 66816    | 24.587  | ug/l    | 98       |
| 19) Methyl tert-butyl Ether   | 3.17  | 73   | 168086   | 22.548  | ug/l    | 99       |
| 20) Methylene Chloride        | 2.84  | 84   | 55593    | 21.692  | ug/l    | 98       |
| 21) trans-1,2-Dichloroethene  | 3.14  | 96   | 53618    | 21.715  | ug/l    | 99       |
| 22) Diisopropyl ether         | 3.82  | 45   | 150850   | 22.755  | ug/l    | 98       |
| 23) Vinyl Acetate             | 3.79  | 43   | 603600   | 110.421 | ug/l    | 99       |
| 24) 1,1-Dichloroethane        | 3.67  | 63   | 86940    | 20.995  | ug/l    | 98       |
| 25) 2-Butanone                | 4.64  | 43   | 159174   | 108.224 | ug/l    | 99       |
| 26) 2,2-Dichloropropane       | 4.55  | 77   | 81430    | 20.990  | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene    | 4.57  | 96   | 56399    | 20.322  | ug/l    | 98       |
| 28) Bromochloromethane        | 4.98  | 49   | 36042    | 20.971  | ug/l    | 96       |
| 29) Tetrahydrofuran           | 5.09  | 42   | 101228   | 109.283 | ug/l    | 99       |
| 30) Chloroform                | 5.18  | 83   | 92824    | 21.233  | ug/l    | 99       |
| 31) Cyclohexane               | 5.55  | 56   | 75955    | 20.864  | ug/l    | 97       |
| 32) 1,1,1-Trichloroethane     | 5.46  | 97   | 89946    | 21.738  | ug/l    | 99       |
| 36) 1,1-Dichloropropene       | 5.77  | 75   | 66130    | 19.470  | ug/l    | 100      |
| 37) Ethyl Acetate             | 4.79  | 43   | 63013    | 20.997  | ug/l    | 100      |
| 38) Carbon Tetrachloride      | 5.76  | 117  | 76987    | 20.201  | ug/l    | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\  
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 Sample : VX0619WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0619WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 6/22/2020 12:23:04 PM

Quant Time: Jun 22 03:44:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 19 12:07:48 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 80741    | 20.444  | ug/l   | 95       |
| 40) Benzene                    | 6.12  | 78   | 203699   | 19.987  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.01  | 41   | 35405    | 21.731  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 73232    | 20.193  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 110730   | 21.129  | ug/l   | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 61213    | 19.612  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 51590    | 20.136  | ug/l   | 93       |
| 46) Dibromomethane             | 7.64  | 93   | 36515    | 21.016  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.88  | 83   | 81297    | 22.000  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.74  | 41   | 51577    | 20.900  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 26494    | 479.603 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 312382   | 99.104  | ug/l   | 99       |
| 52) Toluene                    | 8.77  | 92   | 131198   | 19.405  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 85243    | 20.983  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 87190    | 20.062  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 64256    | 25.172  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 77609    | 21.001  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 101248   | 23.397  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 169457   | 98.550  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 245386   | 107.502 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 74006    | 24.167  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 63773    | 23.021  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 74279    | 23.138  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.12 | 112  | 143080   | 20.381  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 56384    | 20.724  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 243583   | 20.565  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 189794   | 41.178  | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 90289    | 21.185  | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 158032   | 21.823  | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 48083    | 21.020  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 246223   | 20.811  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 88955    | 21.531  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 88361    | 26.448  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 74691m   | 22.255  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 80711    | 25.013  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 322333   | 24.411  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 197347   | 24.427  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 239799   | 23.490  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 26412    | 19.272  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 220758   | 22.777  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 197775   | 19.581  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 215997   | 20.540  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 231222   | 19.711  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 224529   | 20.891  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 118053   | 20.025  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 119703   | 20.078  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 184730   | 20.043  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 39412    | 20.357  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 114728   | 20.159  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 16422    | 20.731  | ug/l   | 99       |

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Sample : VX0619WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

Manual Integrations  
APPROVED

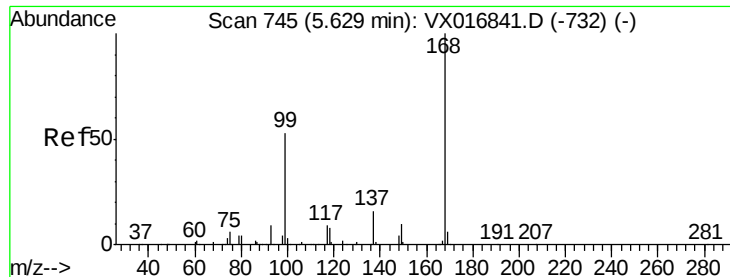
MMDadoda  
6/22/2020 12:23:04 PM

Quant Time: Jun 22 03:44:05 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061820W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 19 12:07:48 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 80000    | 20.934 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 36801    | 21.340 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 255292   | 22.754 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 79177    | 20.775 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion:168 Resp: 244777

Ion Ratio Lower Upper

168 100

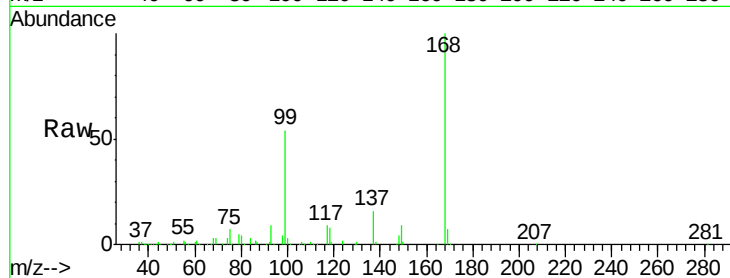
99 53.6 42.2 63.2

Manual Integrations

APPROVED

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6/22/2020 12:23:04 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

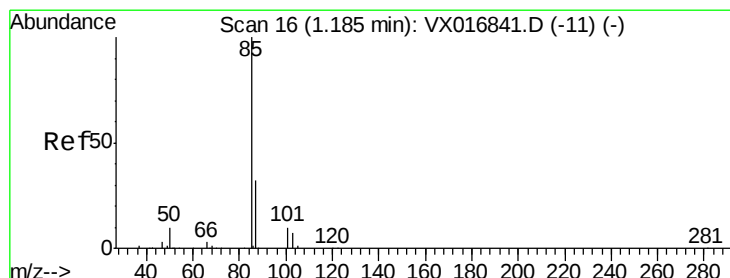
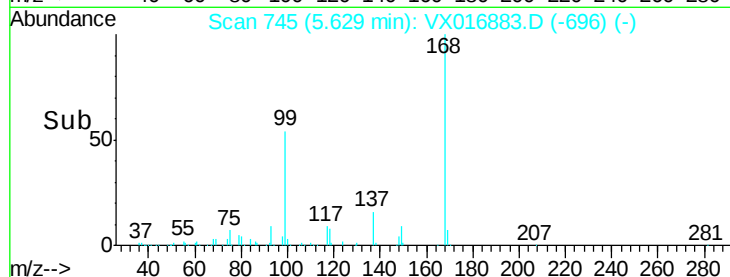
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 24.407 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016883.D

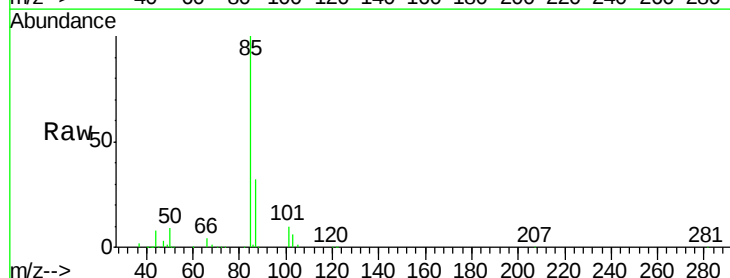
Acq: 19 Jun 2020 16:37

Tgt Ion: 85 Resp: 73316

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

60000

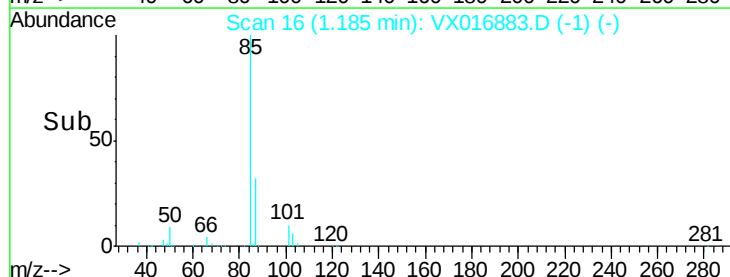
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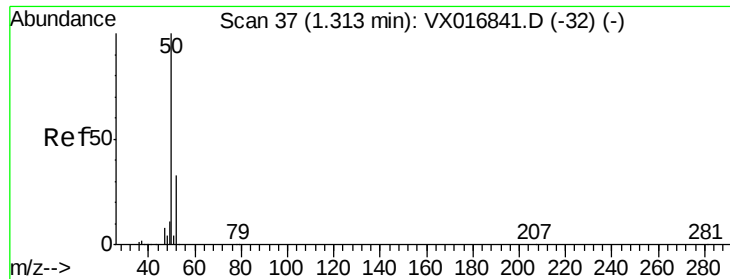
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 21.411 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 50 Resp: 65217

Ion Ratio Lower Upper

50 100

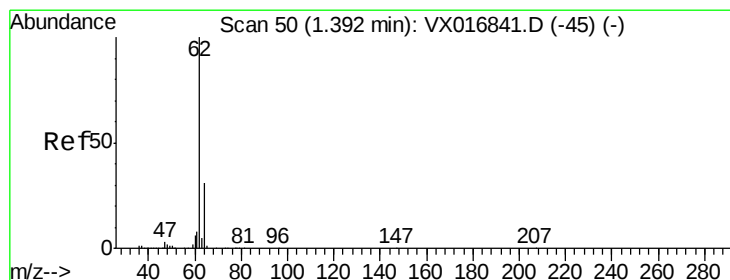
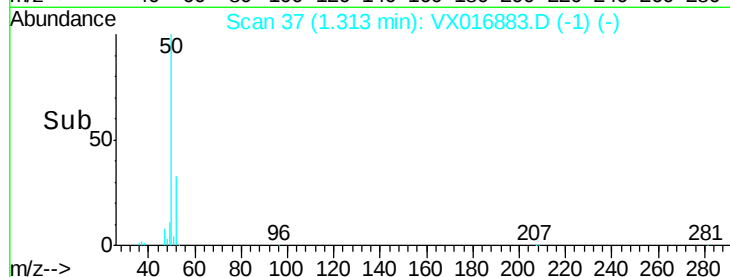
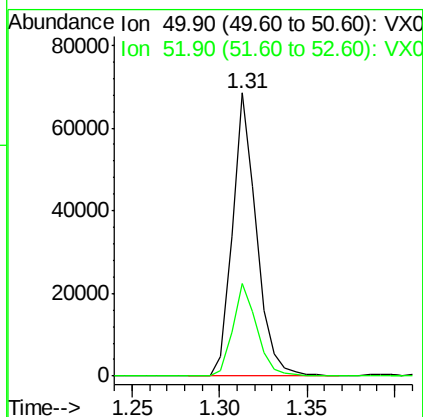
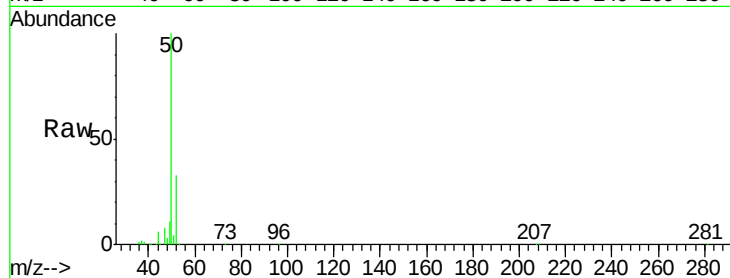
52 32.9 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

6/22/2020 12:23:04 PM



#4

Vinyl Chloride

Concen: 22.210 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016883.D

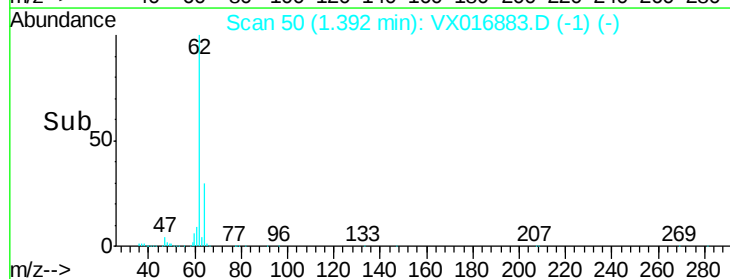
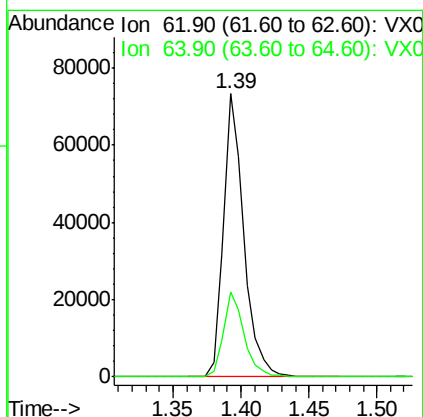
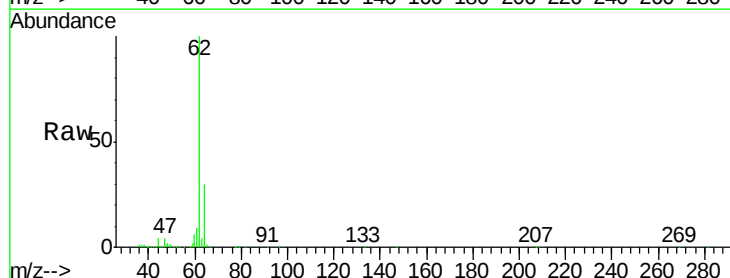
Acq: 19 Jun 2020 16:37

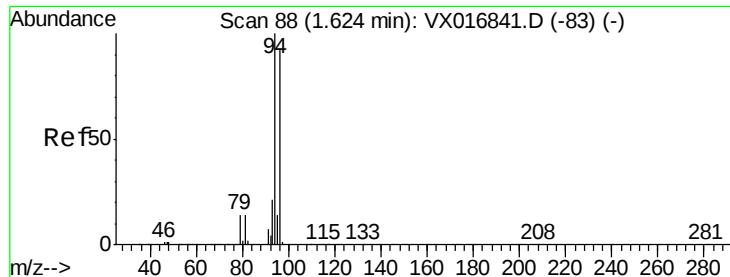
Tgt Ion: 62 Resp: 76246

Ion Ratio Lower Upper

62 100

64 30.1 25.0 37.4





#5

Bromomethane

Concen: 24.692 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 94 Resp: 51039

Ion Ratio Lower Upper

94 100

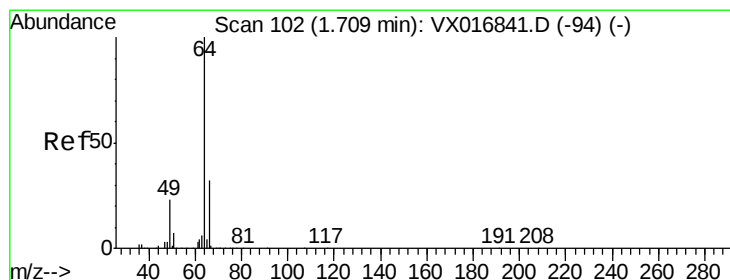
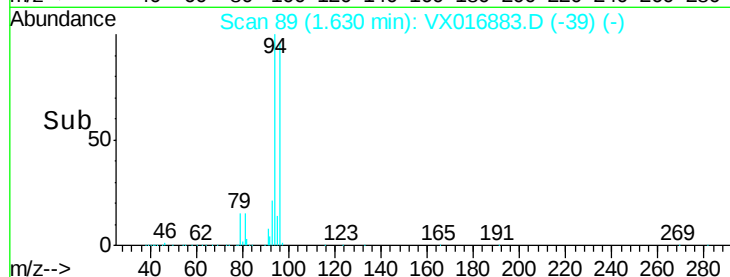
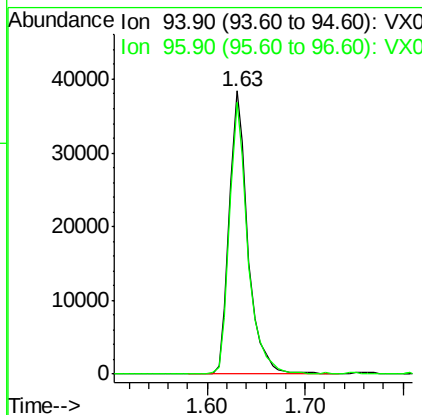
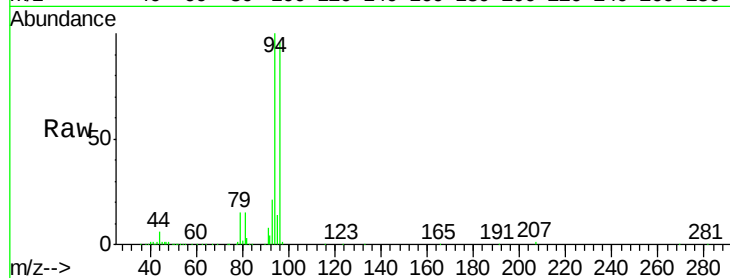
96 95.9 74.4 111.6

Manual Integrations

APPROVED

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6/22/2020 12:23:04 PM



#6

Chloroethane

Concen: 20.752 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016883.D

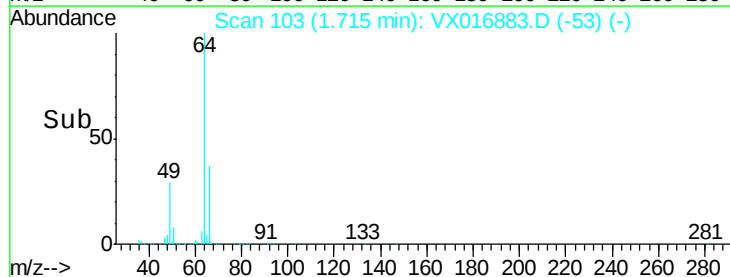
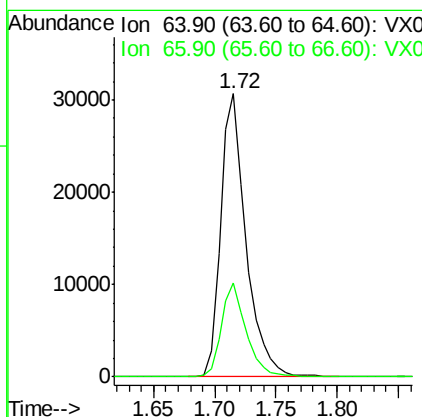
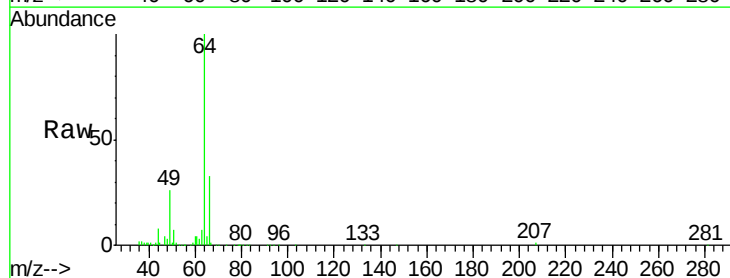
Acq: 19 Jun 2020 16:37

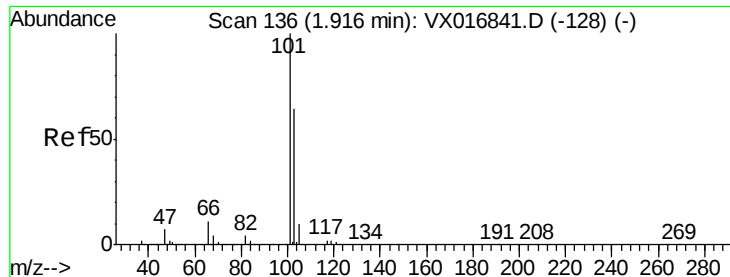
Tgt Ion: 64 Resp: 43876

Ion Ratio Lower Upper

64 100

66 33.0 25.7 38.5





#7

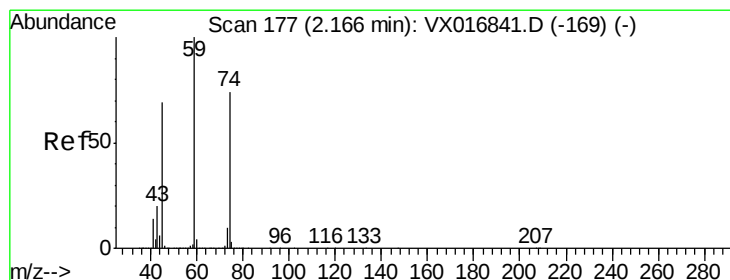
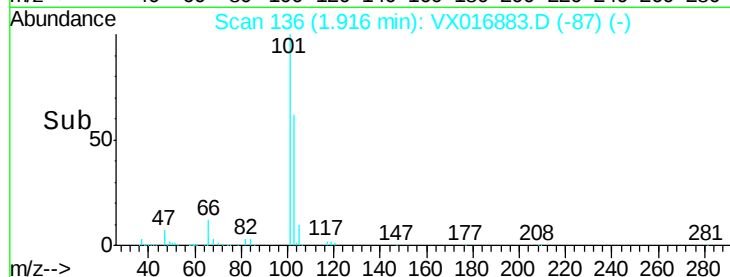
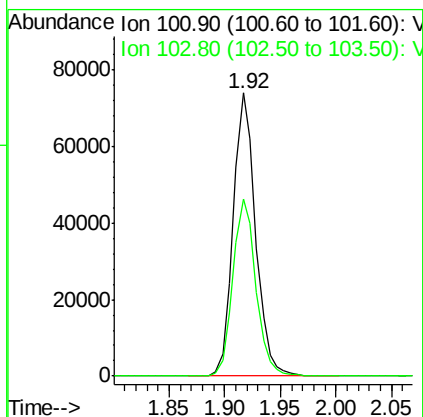
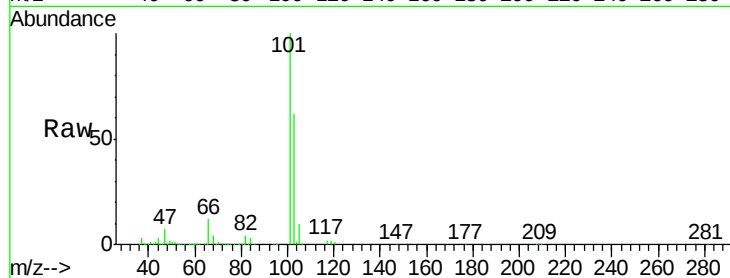
Trichlorofluoromethane  
Concen: 21.468 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.5  | 51.2  | 76.8  |

Manual Integrations  
APPROVED

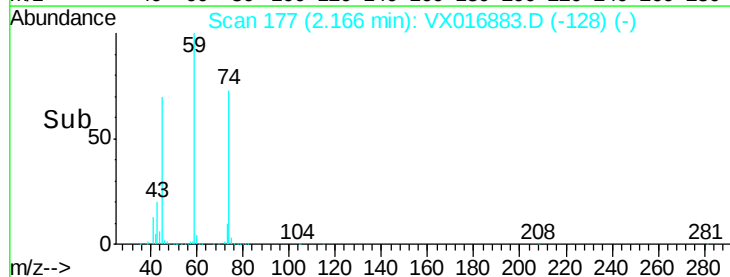
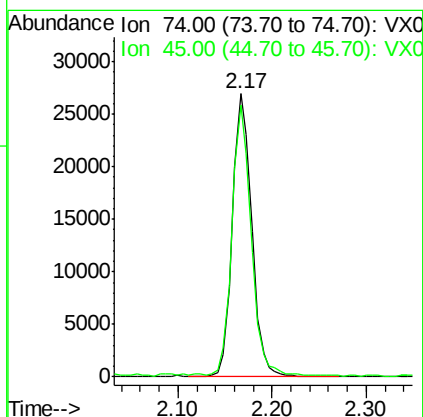
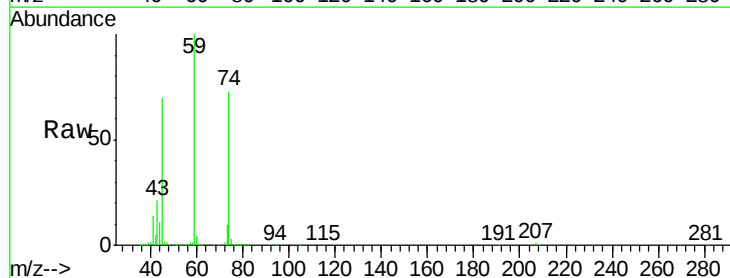
MMDadoda  
6/22/2020 12:23:04 PM

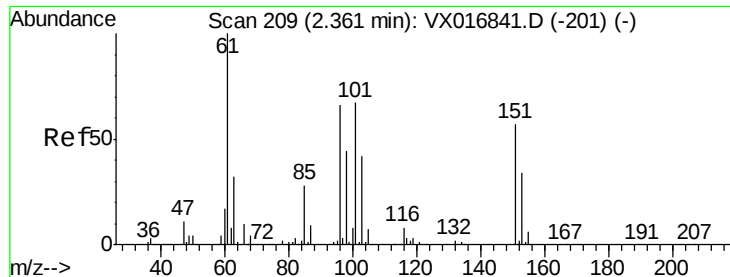


#8

Diethyl Ether  
Concen: 20.685 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.0  | 45.3  | 135.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.464 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

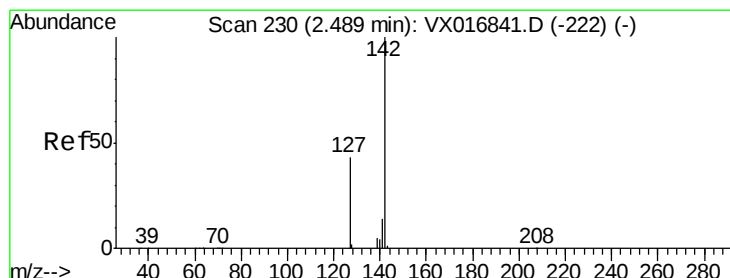
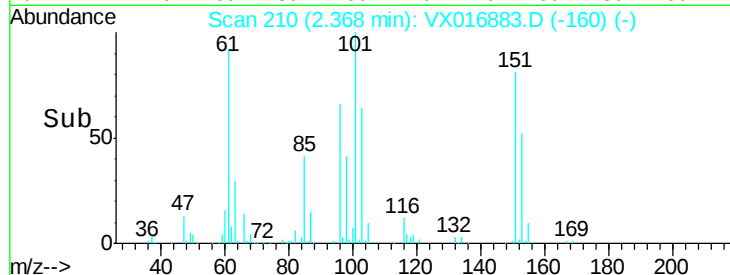
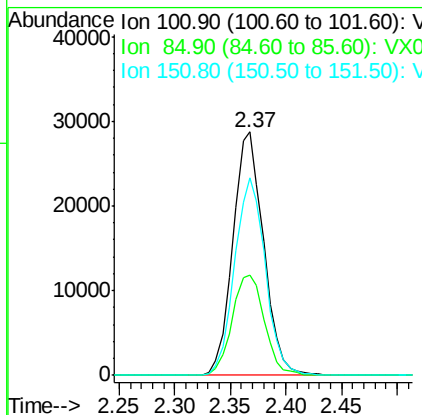
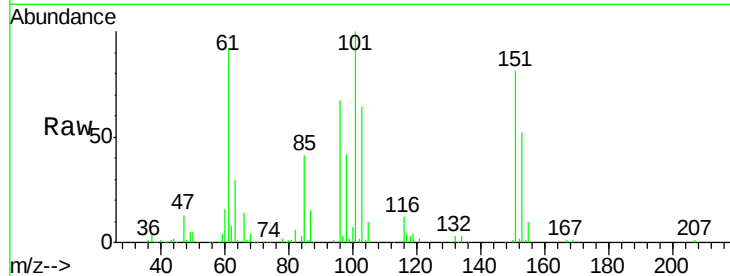
ClientSampleId :

VX0619WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 54906 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.3  | 34.3  | 51.5  |
| 151       | 81.0  | 67.6  | 101.4 |

Manual Integrations  
APPROVED

MMDadoda  
6/22/2020 12:23:04 PM



#10

Methyl Iodide

Concen: 19.523 ug/l

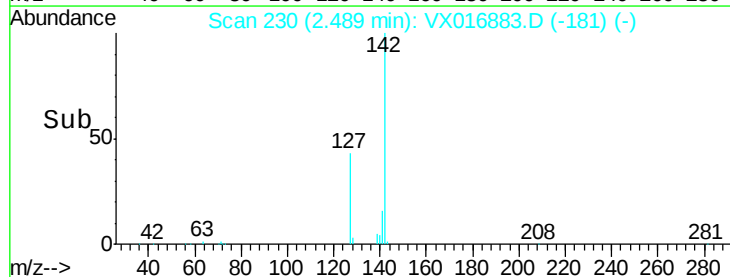
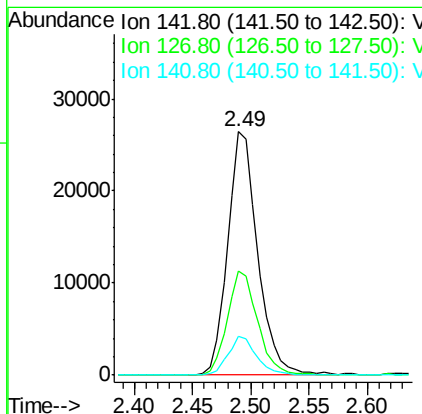
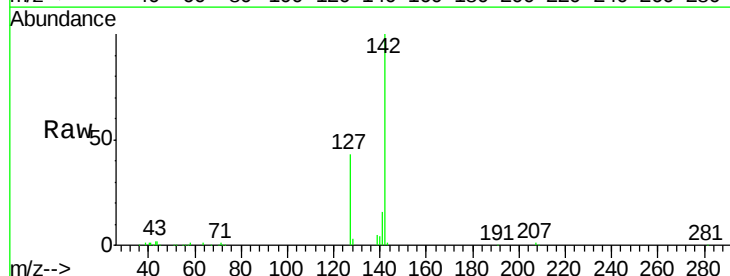
RT: 2.49 min Scan# 230

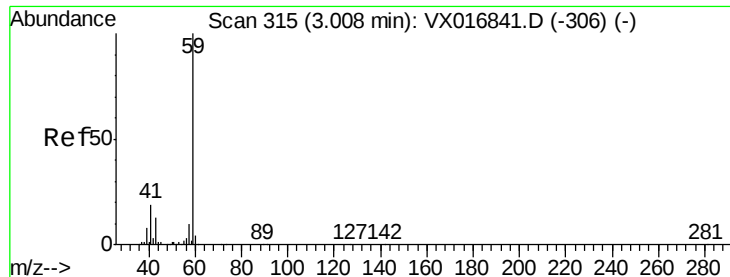
Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 47543 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.1  | 35.1  | 52.7  |
| 141       | 15.1  | 11.6  | 17.4  |





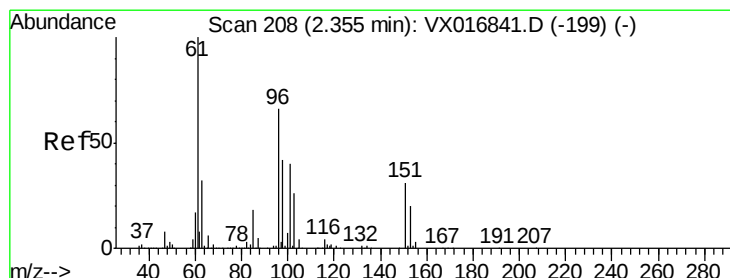
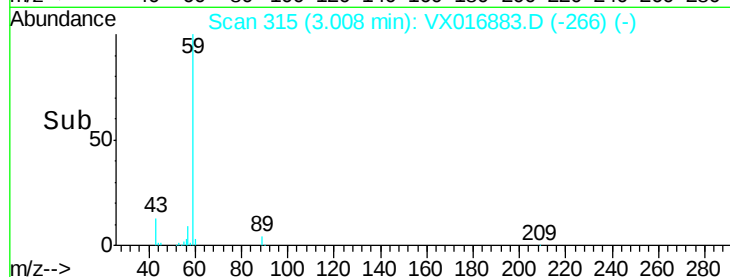
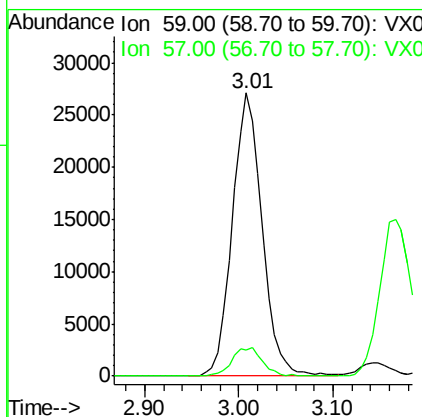
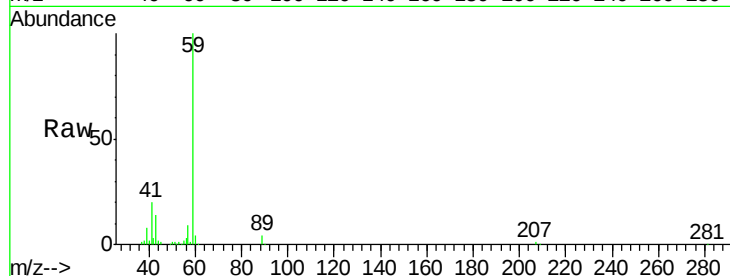
#11  
Tert butyl alcohol  
Concen: 120.012 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.4   | 12.6  |

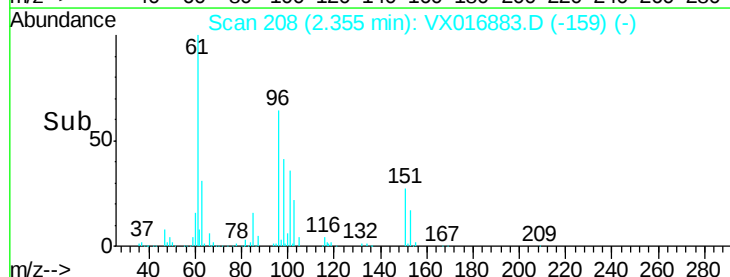
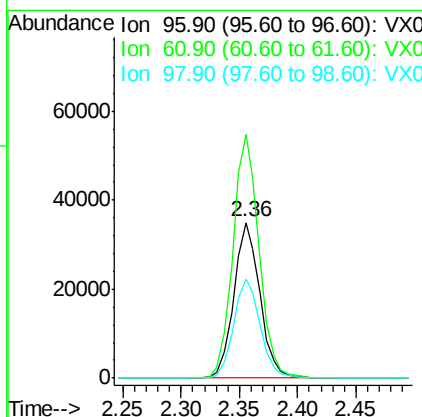
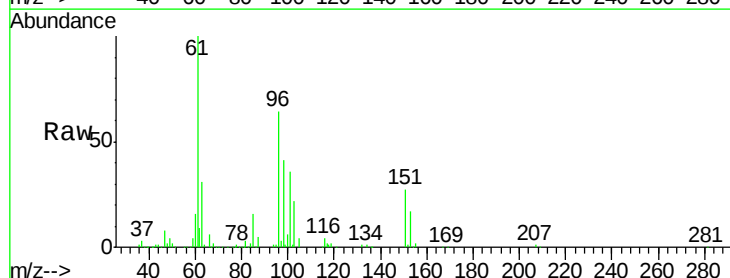
Manual Integrations  
APPROVED

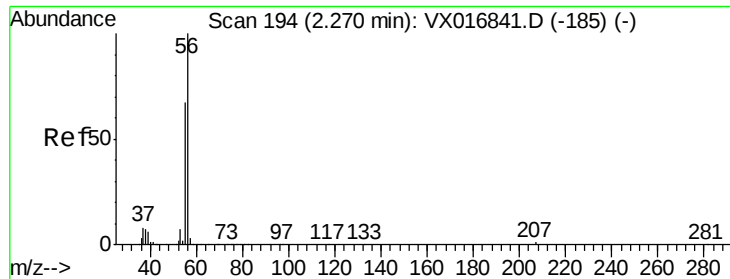
MMDadoda  
6/22/2020 12:23:04 PM



#12  
1,1-Dichloroethene  
Concen: 20.837 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 156.4 | 121.7 | 182.5 |
| 98      | 63.7  | 51.1  | 76.7  |





#13

Acrolein

Concen: 95.992 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 56 Resp: 28964

Ion Ratio Lower Upper

56 100

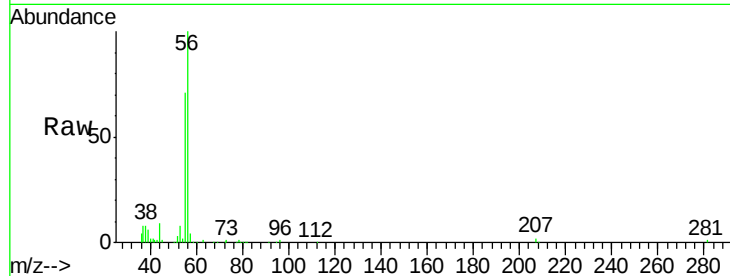
55 69.8 55.7 83.5

Manual Integrations

APPROVED

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

10000

5000

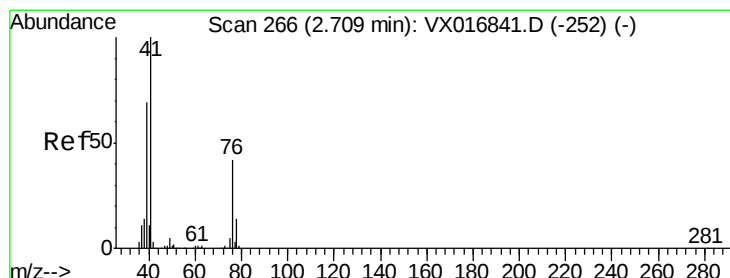
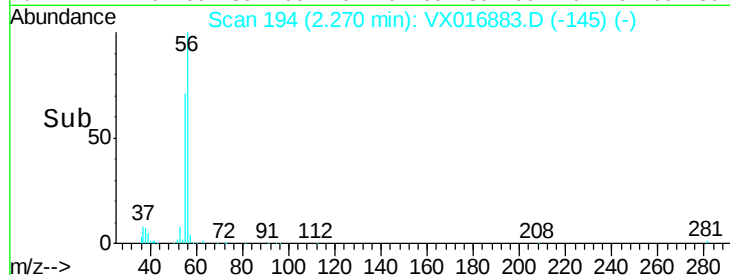
0

2.20

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 21.282 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

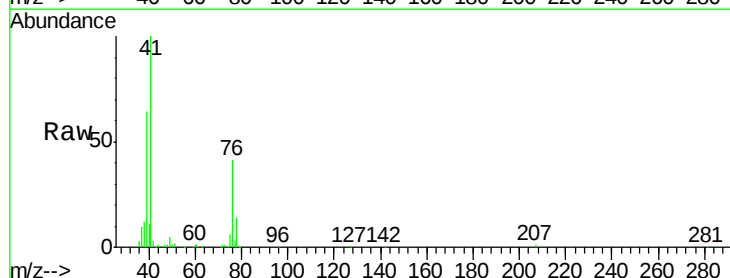
Tgt Ion: 41 Resp: 73635

Ion Ratio Lower Upper

41 100

39 62.2 50.7 76.1

76 37.2 30.9 46.3



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

60000

40000

20000

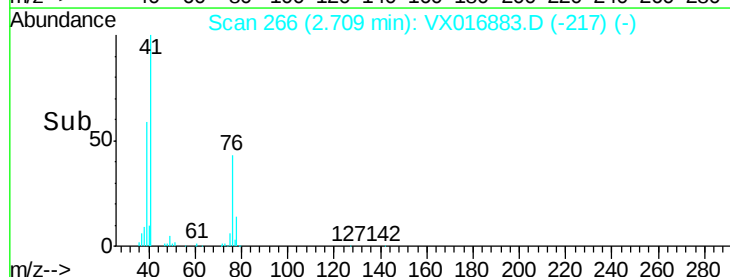
0

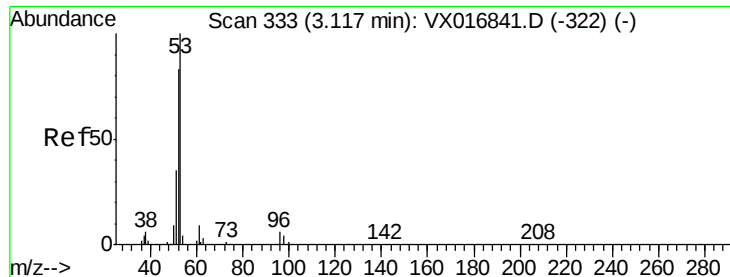
2.60

2.70

2.80

Time-->





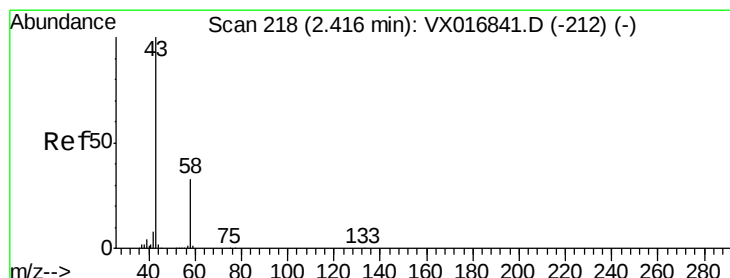
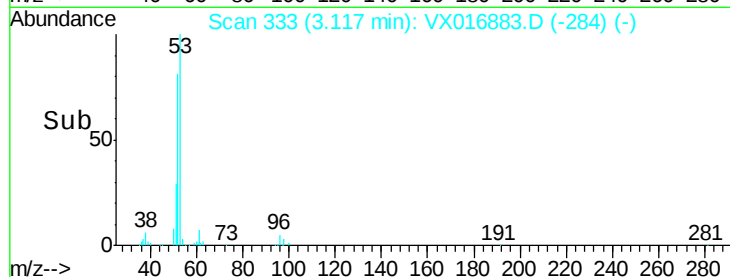
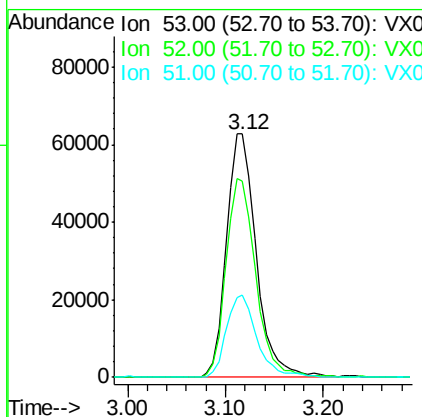
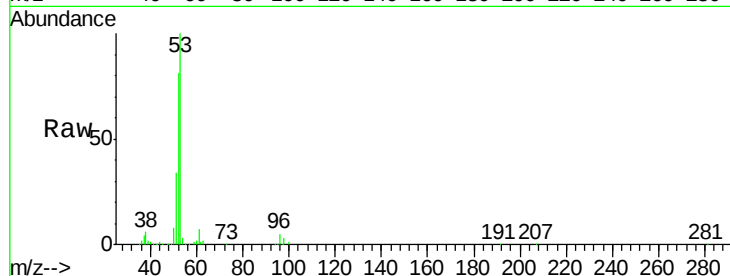
#15  
 Acrylonitrile  
 Concen: 116.491 ug/l  
 RT: 3.12 min Scan# 333  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0619WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 132852 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.6  | 66.2  | 99.2   |
| 51        | 34.9  | 28.7  | 43.1   |

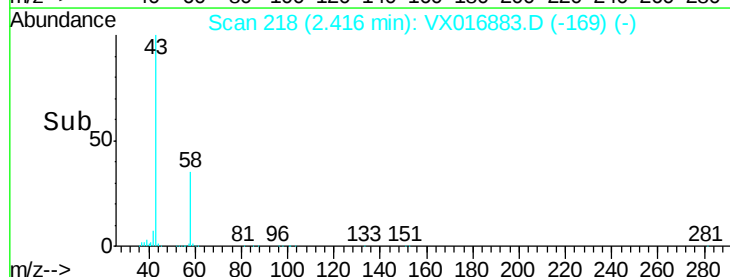
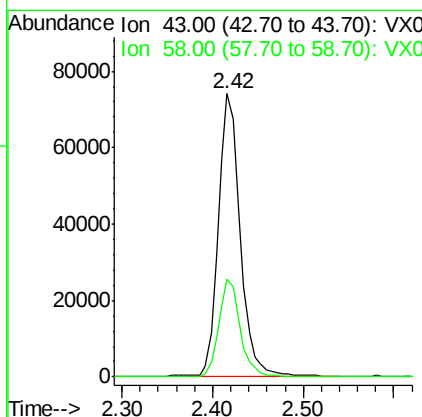
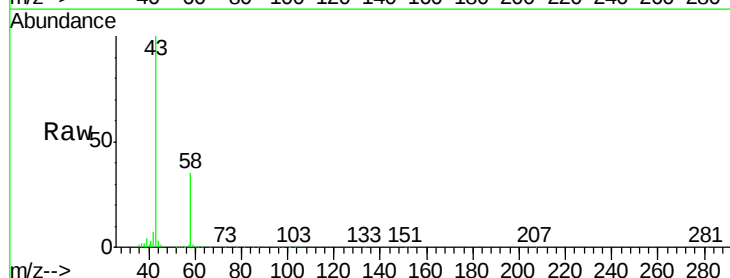
Manual Integrations  
 APPROVED

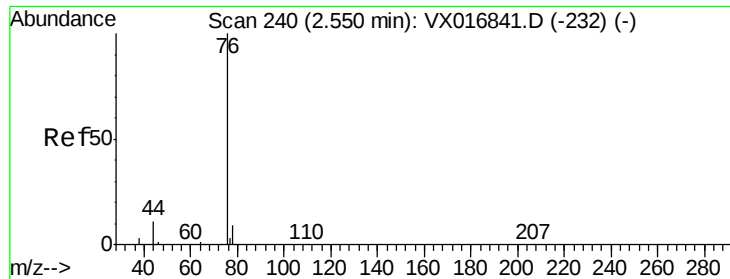
MMDadoda  
 6/22/2020 12:23:04 PM



#16  
 Acetone  
 Concen: 117.234 ug/l  
 RT: 2.42 min Scan# 218  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 125286 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 34.7  | 26.6  | 39.8   |





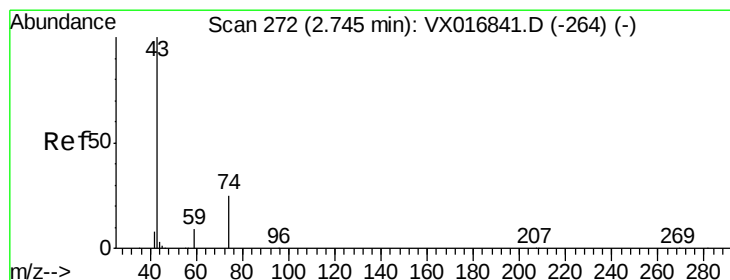
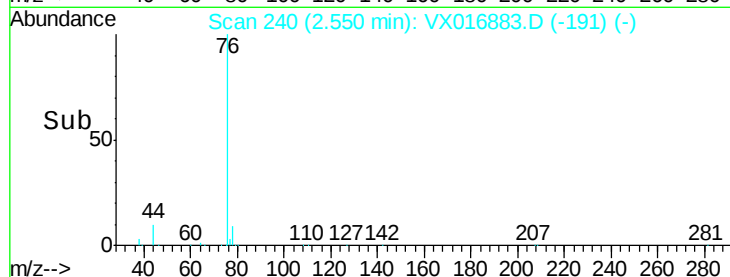
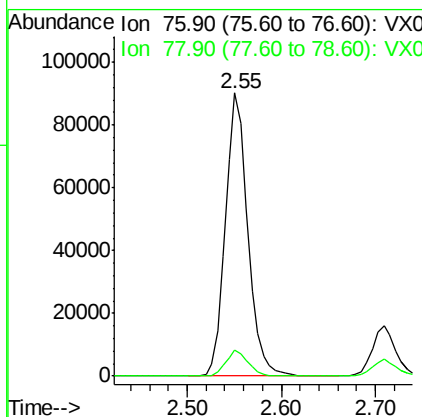
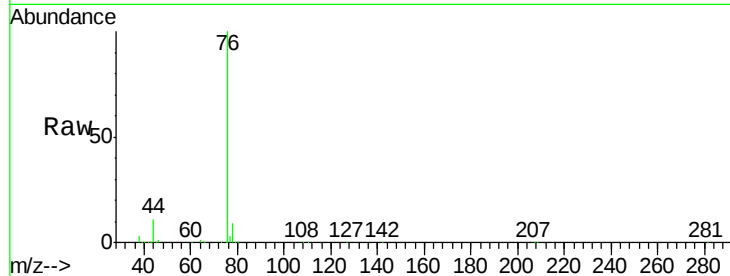
#17  
Carbon Disulfide  
Concen: 21.997 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.5   | 11.3  |

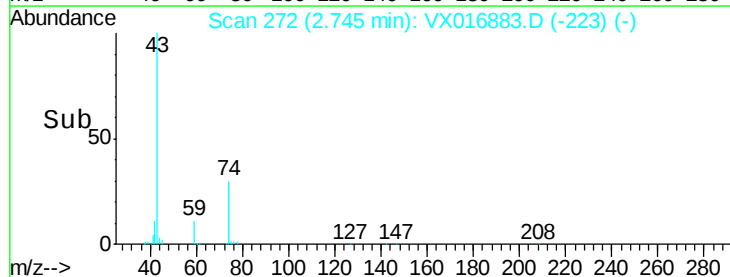
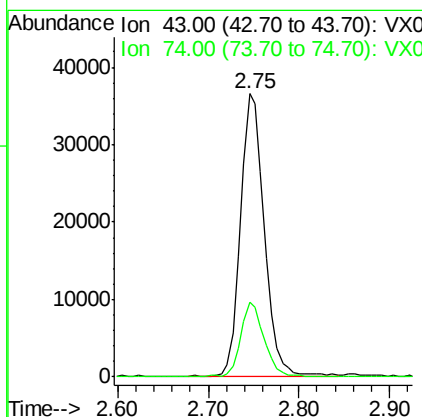
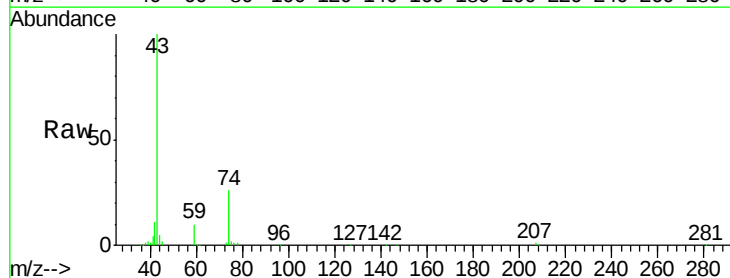
Manual Integrations  
APPROVED

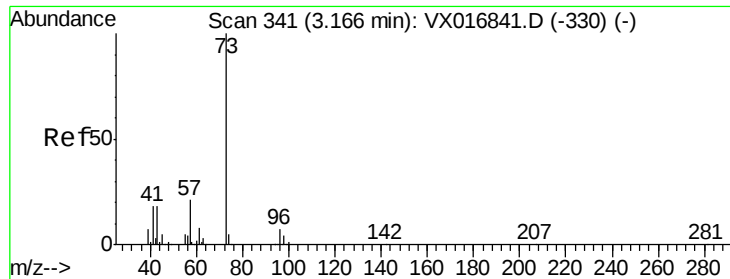
MMDadoda  
6/22/2020 12:23:04 PM



#18  
Methyl Acetate  
Concen: 24.587 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.0  | 21.8  | 32.8  |





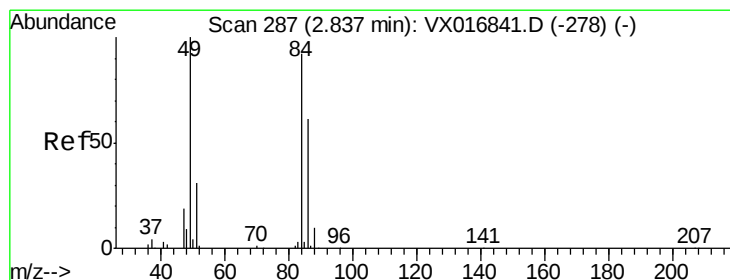
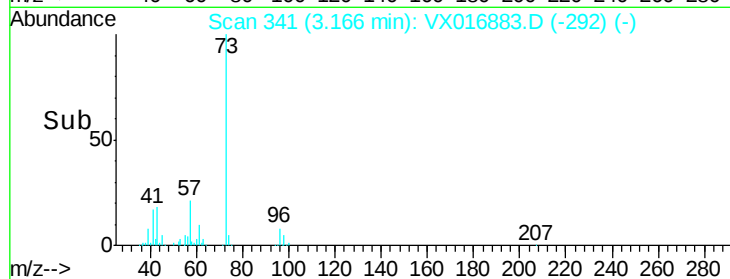
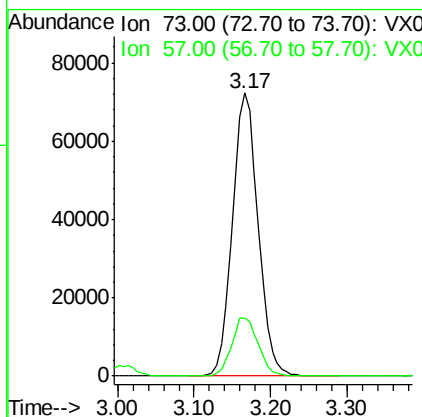
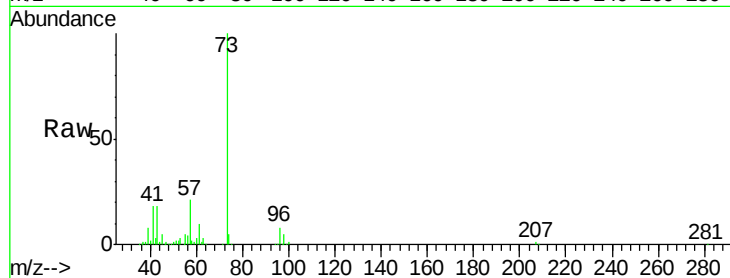
#19  
Methyl tert-butyl Ether  
Concen: 22.548 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.7  | 16.9  | 25.3  |

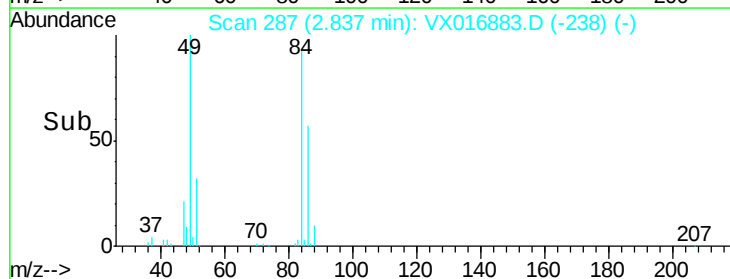
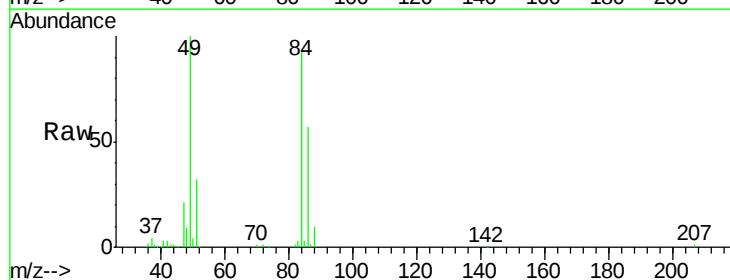
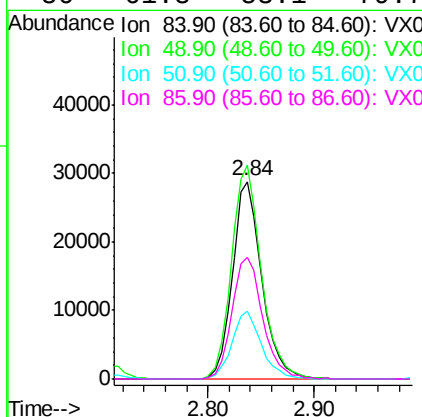
Manual Integrations  
APPROVED

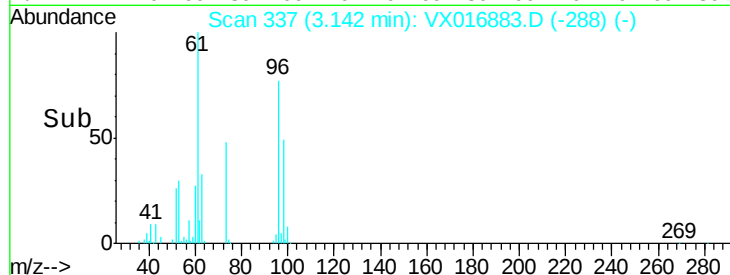
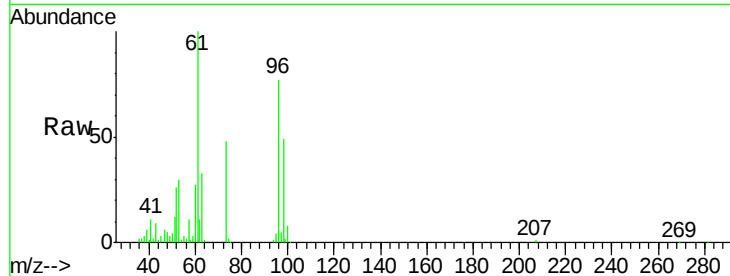
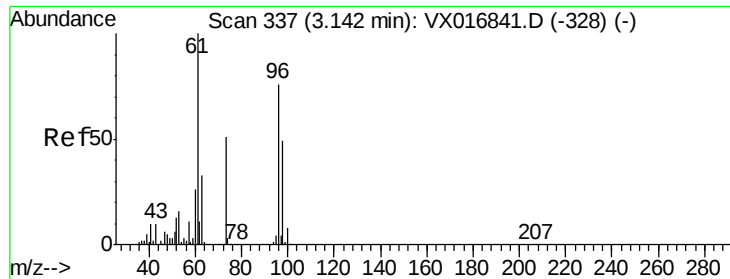
MMDadoda  
6/22/2020 12:23:04 PM



#20  
Methylene Chloride  
Concen: 21.692 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 108.0 | 86.6  | 129.8 |
| 51      | 34.1  | 27.1  | 40.7  |
| 86      | 61.8  | 53.1  | 79.7  |





#21

trans-1,2-Dichloroethene

Concen: 21.715 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 53618 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 130.5 | 105.4 | 158.0 |
| 98       | 63.7  | 51.3  | 76.9  |

Instrument :

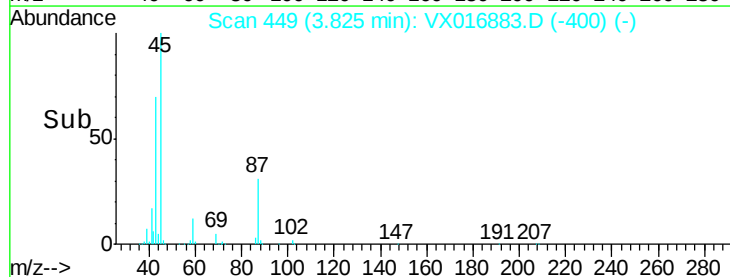
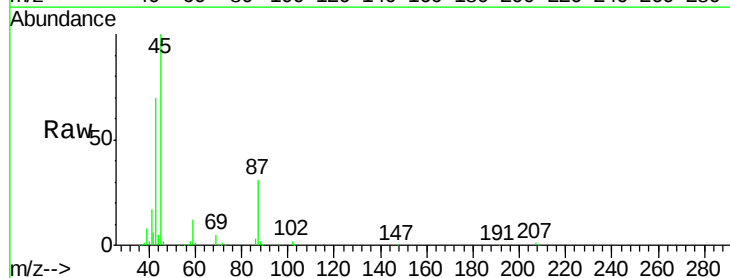
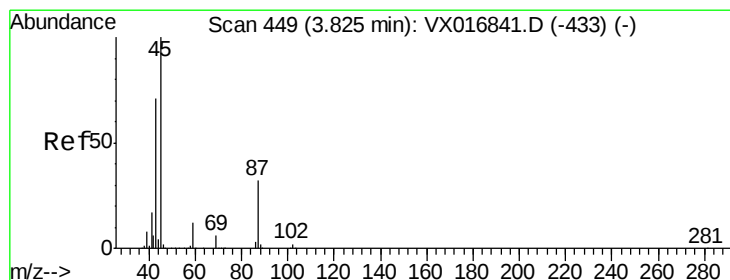
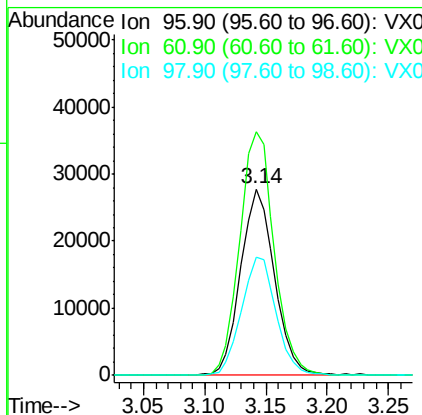
MSVOA\_X

ClientSampleId :

VX0619WBSD01

Manual Integrations  
APPROVED

MMDadoda  
6/22/2020 12:23:04 PM



#22

Diisopropyl ether

Concen: 22.755 ug/l

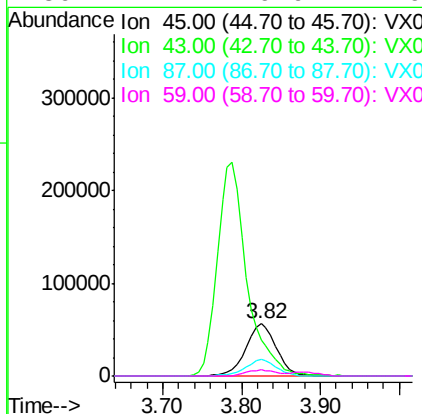
RT: 3.82 min Scan# 449

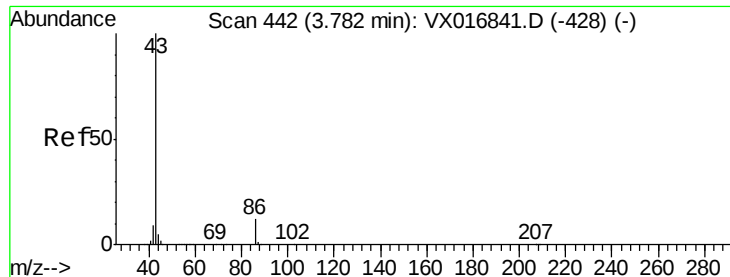
Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 150850 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 69.3  | 57.0  | 85.4   |
| 87       | 31.3  | 25.2  | 37.8   |
| 59       | 12.2  | 9.9   | 14.9   |





#23

Vinyl Acetate

Concen: 110.421 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 43 Resp: 603600

Ion Ratio Lower Upper

43 100

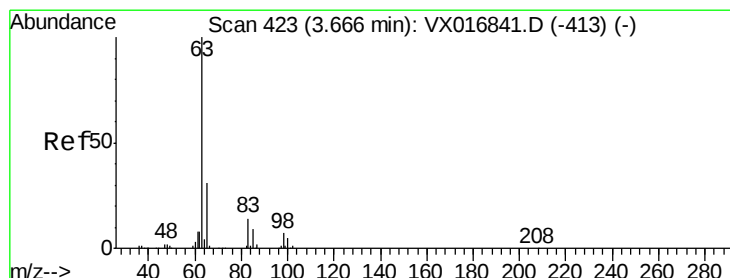
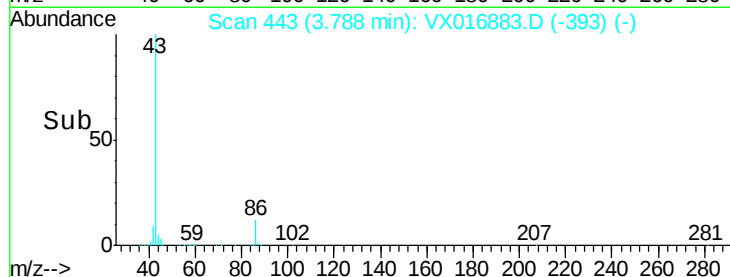
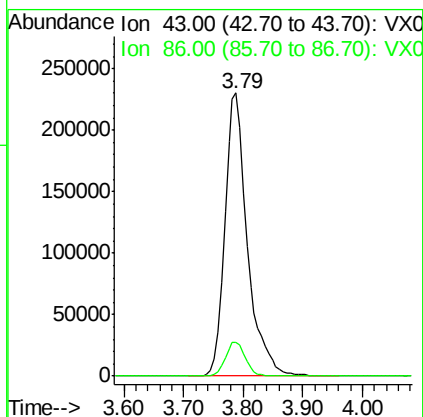
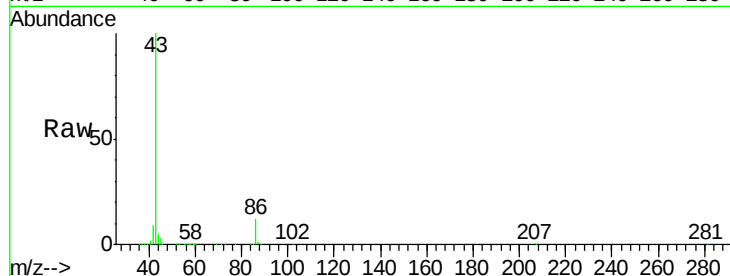
86 12.1 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.995 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

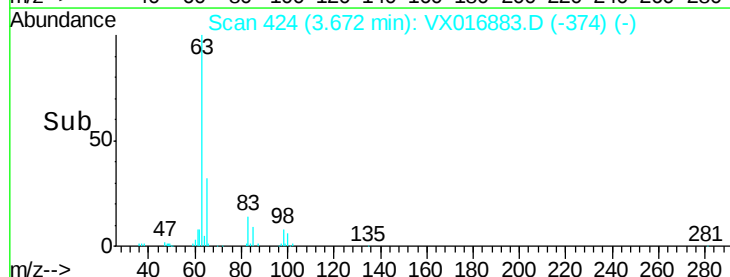
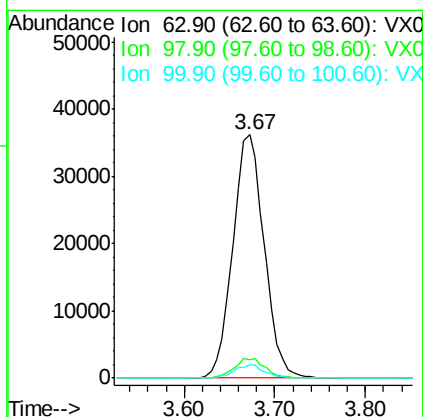
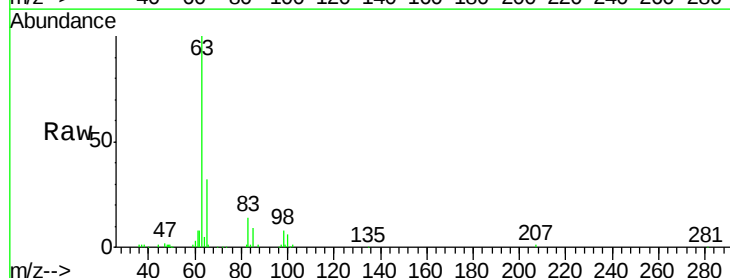
Tgt Ion: 63 Resp: 86940

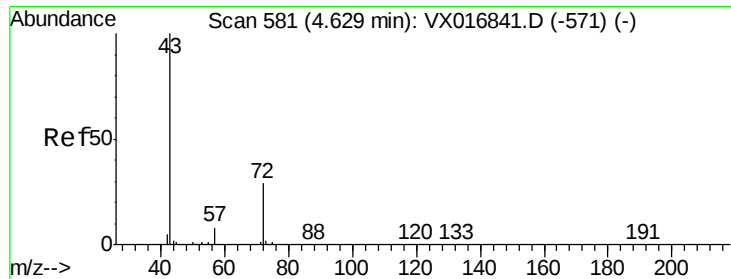
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 5.5 2.4 7.1





#25

2-Butanone

Concen: 108.224 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 43 Resp: 159174

Ion Ratio Lower Upper

43 100

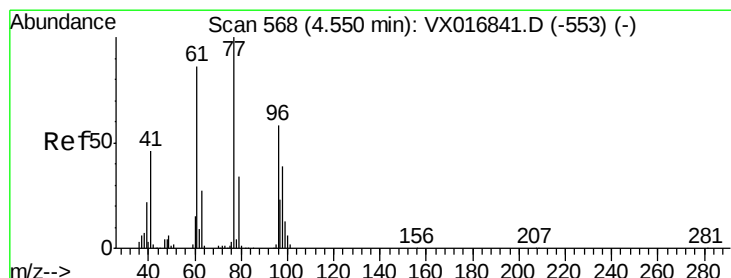
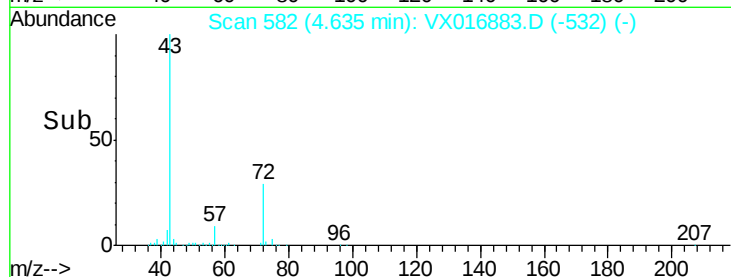
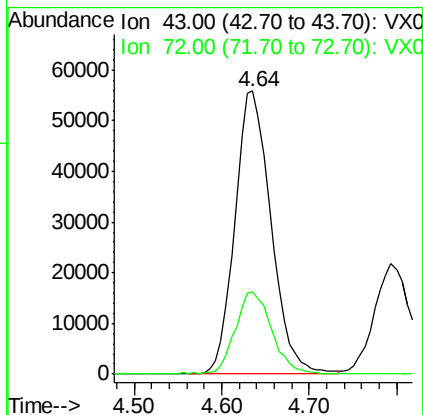
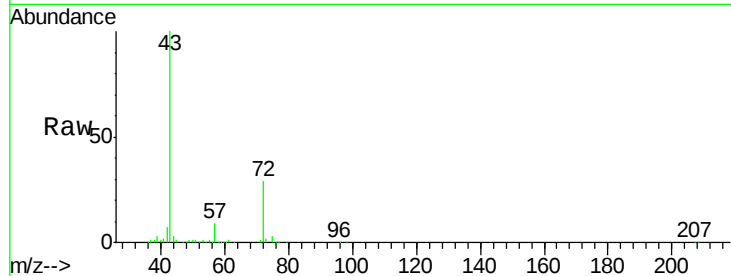
72 28.8 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.990 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016883.D

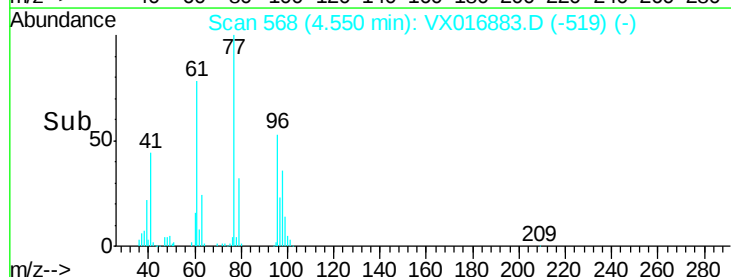
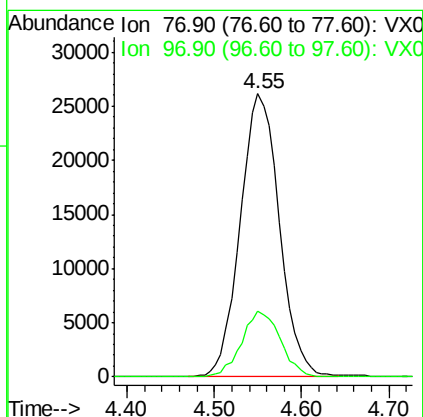
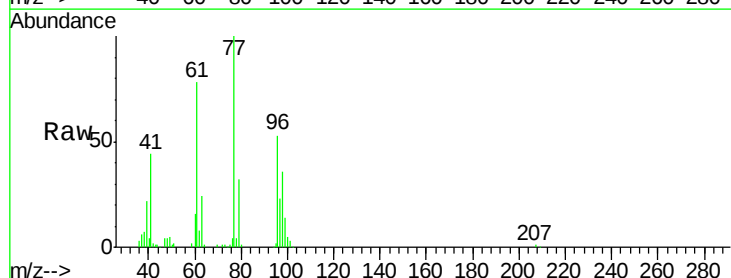
Acq: 19 Jun 2020 16:37

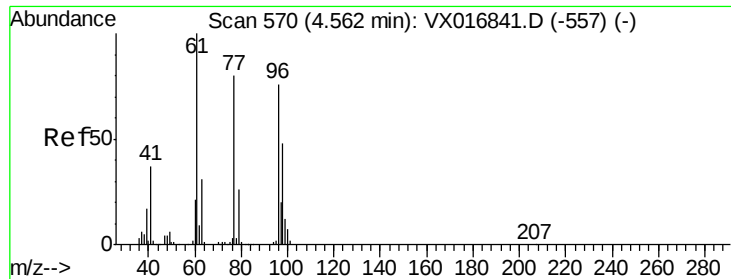
Tgt Ion: 77 Resp: 81430

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.7





#27

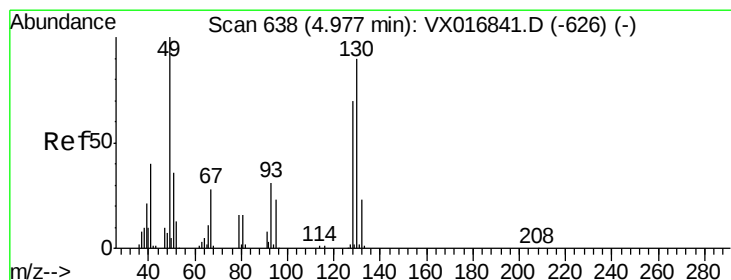
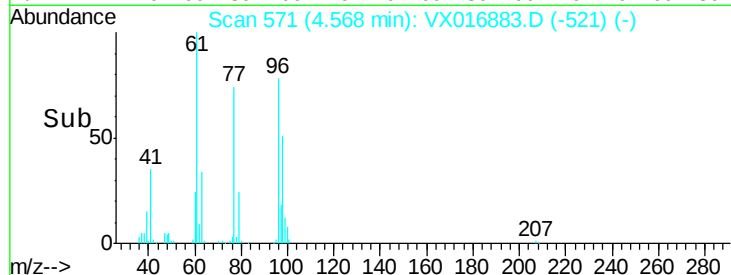
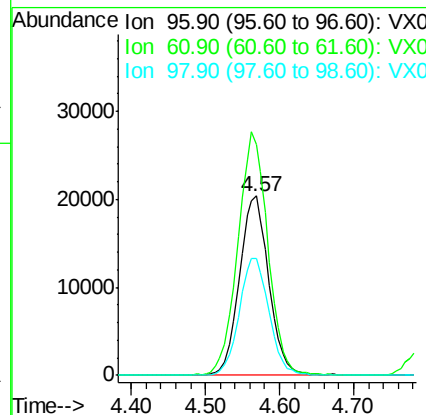
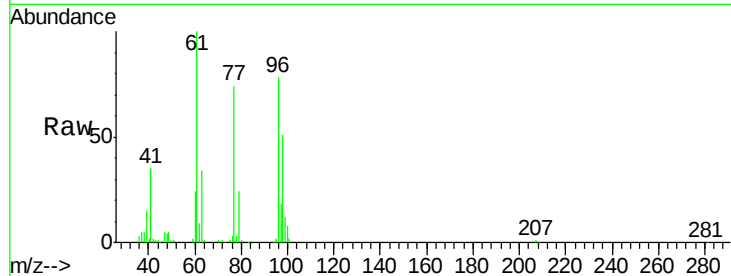
cis-1,2-Dichloroethene  
Concen: 20.322 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. 0.01 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0619WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 138.9 | 0.0  | 273.8 |       |
| 98      | 66.2  | 0.0  | 129.0 |       |

Manual Integrations  
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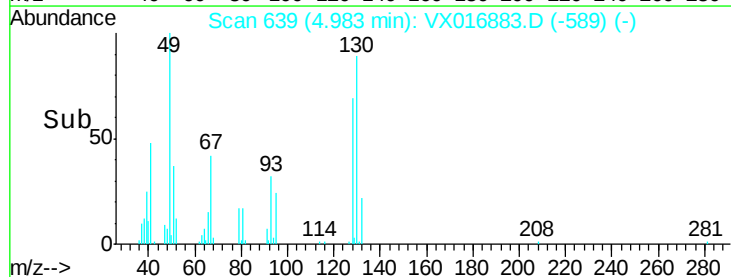
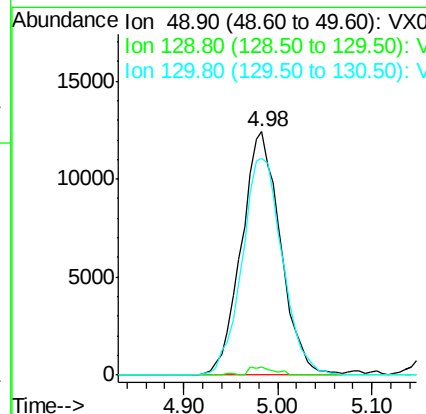
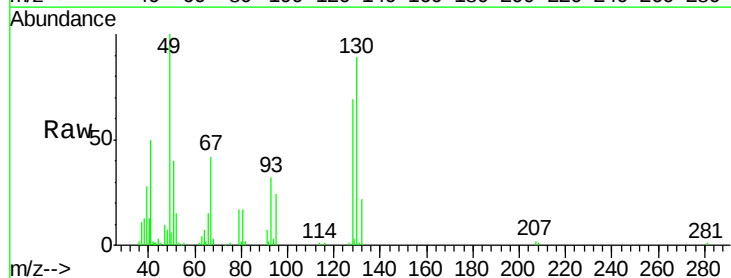
MMDadoda  
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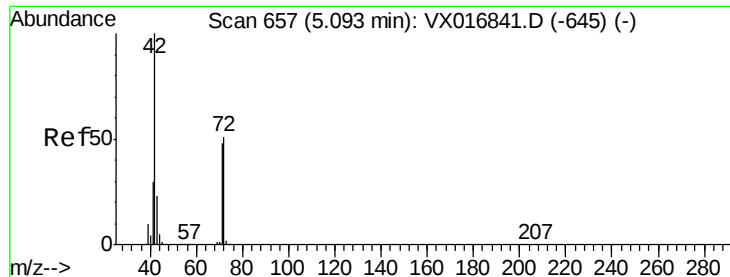


#28

Bromochloromethane  
Concen: 20.971 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.01 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.1   | 0.0  | 5.0   |       |
| 130     | 92.3  | 76.8 | 115.2 |       |





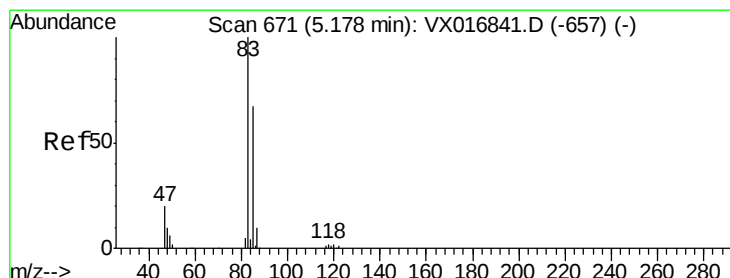
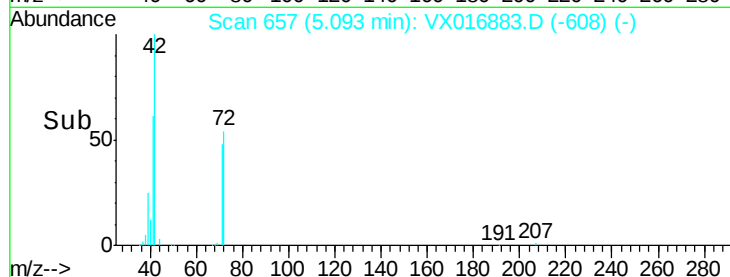
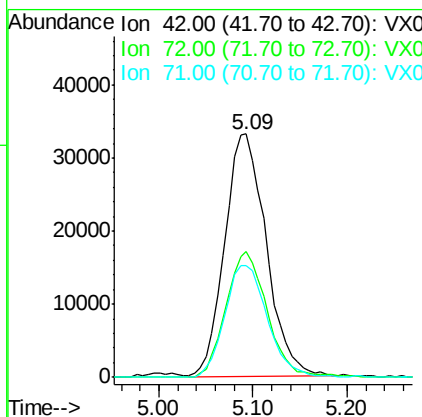
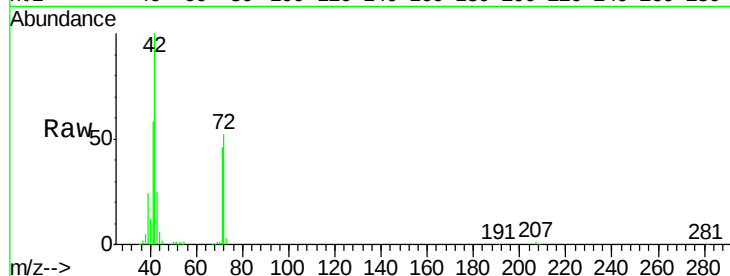
#29  
Tetrahydrofuran  
Concen: 109.283 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 52.2  | 41.1  | 61.7  |
| 71      | 47.8  | 38.4  | 57.6  |

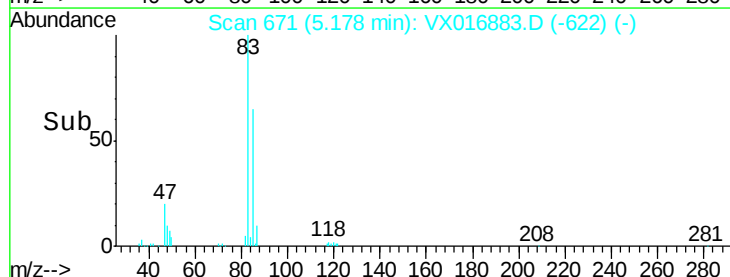
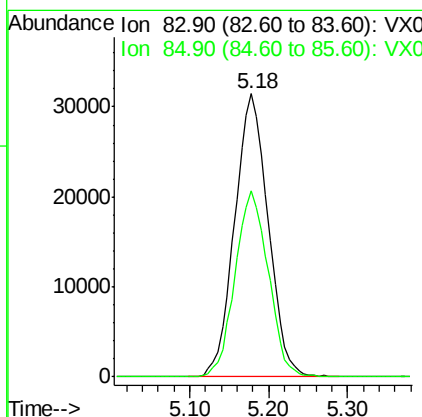
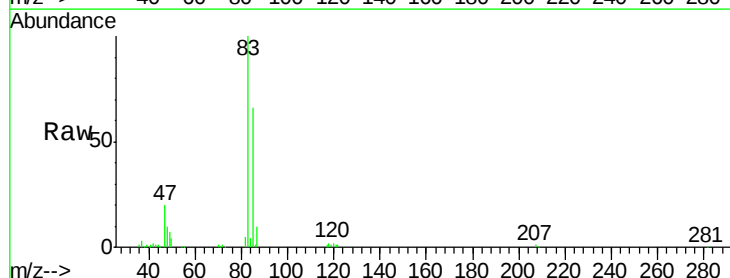
Manual Integrations  
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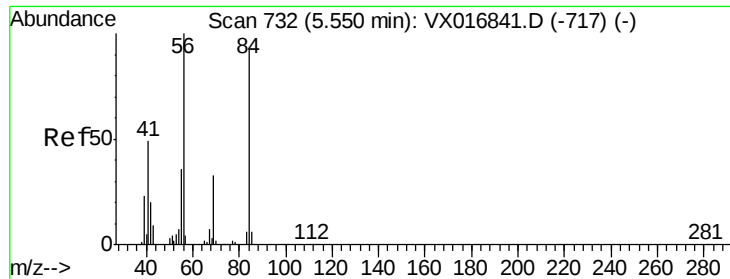
MMDadoda  
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#30  
Chloroform  
Concen: 21.233 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.6  | 53.4  | 80.0  |





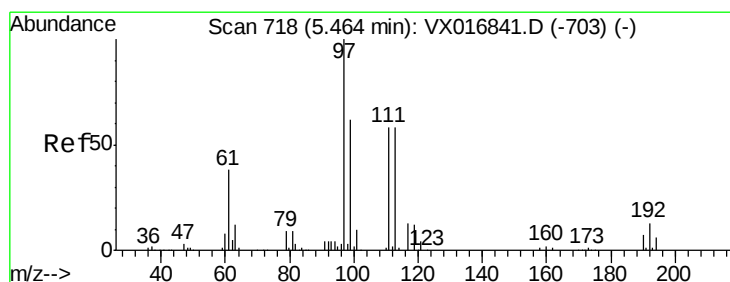
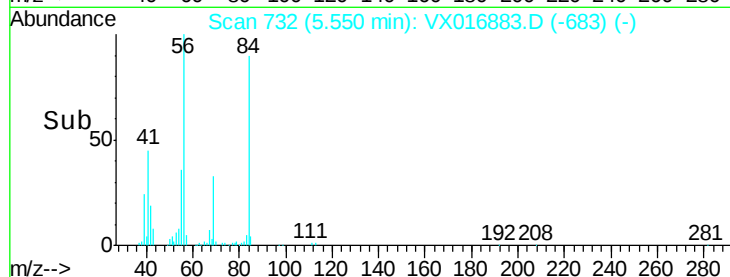
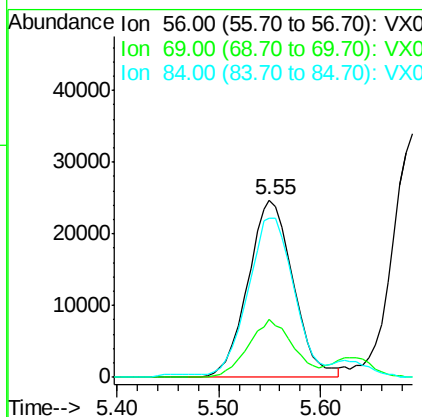
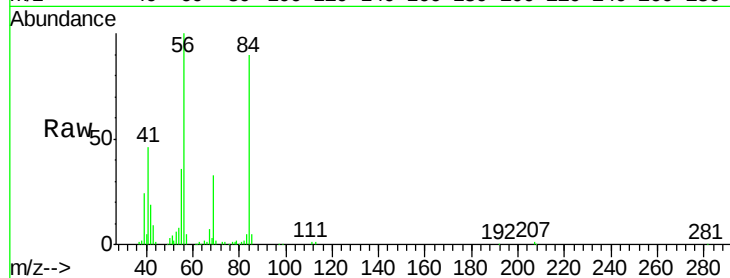
#31  
Cyclohexane  
Concen: 20.864 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.9  | 26.1  | 39.1  |
| 84      | 88.1  | 73.0  | 109.6 |

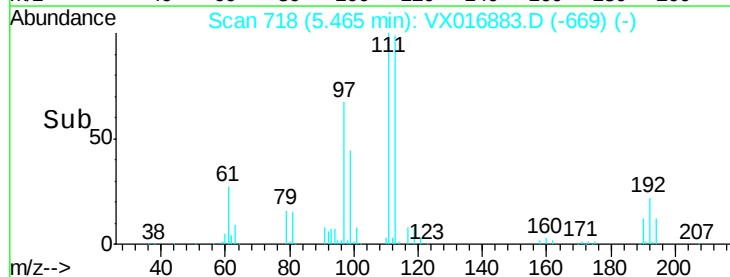
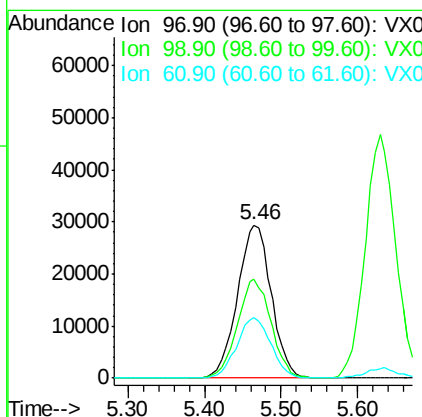
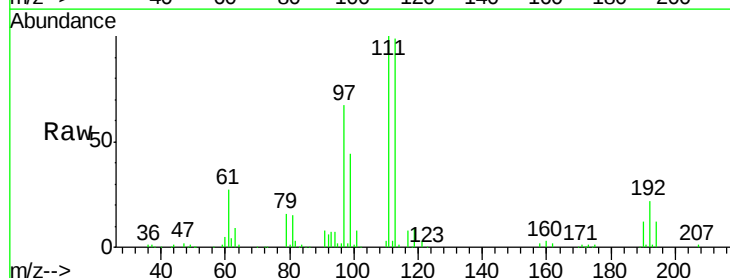
Manual Integrations  
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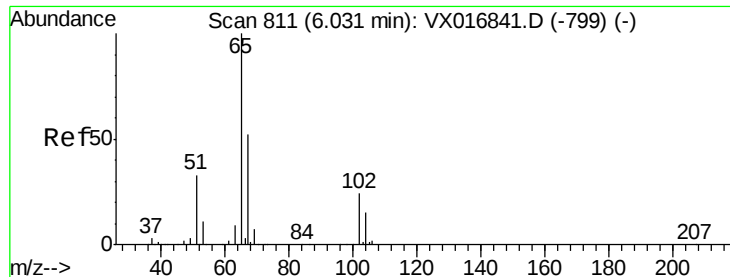
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 21.738 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.4  | 51.3  | 76.9  |
| 61      | 39.9  | 31.3  | 46.9  |





#33

1,2-Dichloroethane-d4

Concen: 49.376 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 65 Resp: 145357

Ion Ratio Lower Upper

65 100

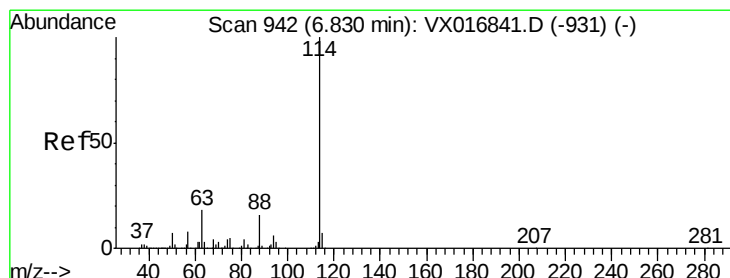
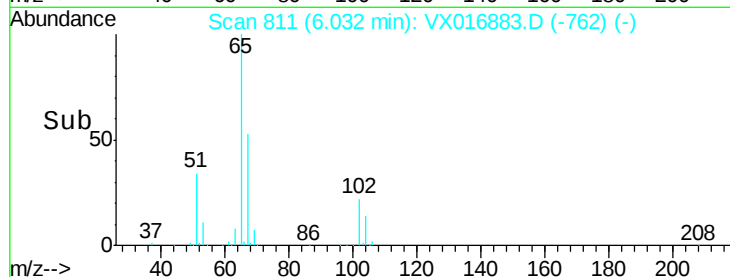
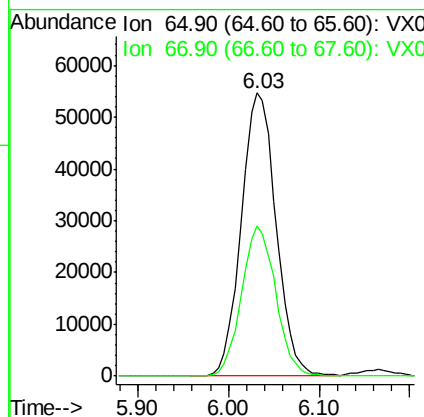
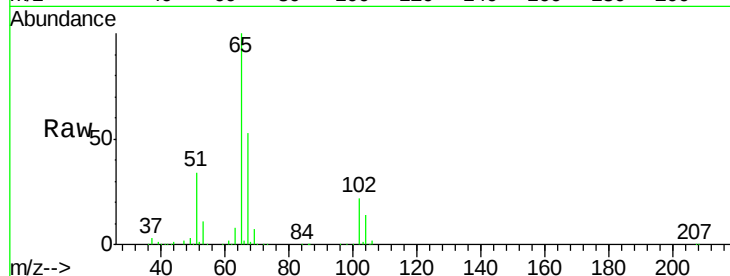
67 52.1 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

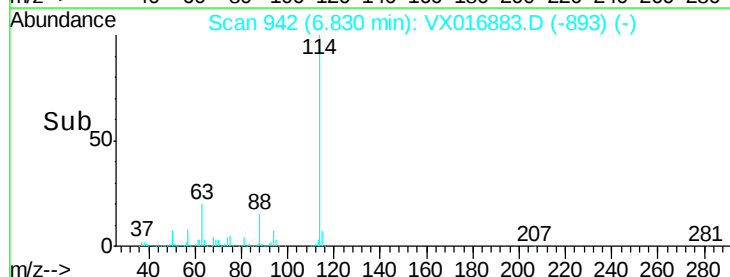
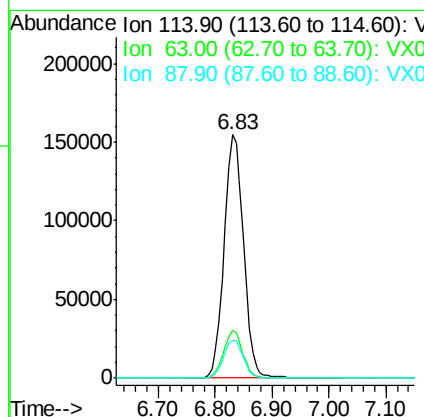
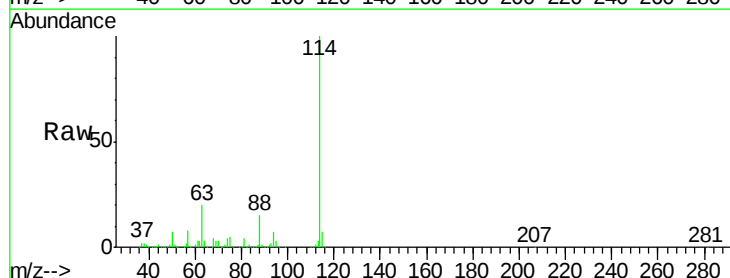
Tgt Ion: 114 Resp: 367859

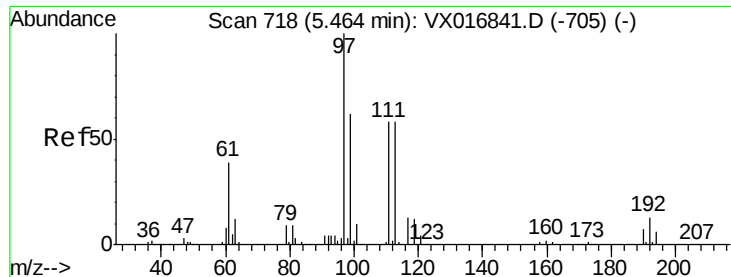
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

88 15.3 0.0 32.0





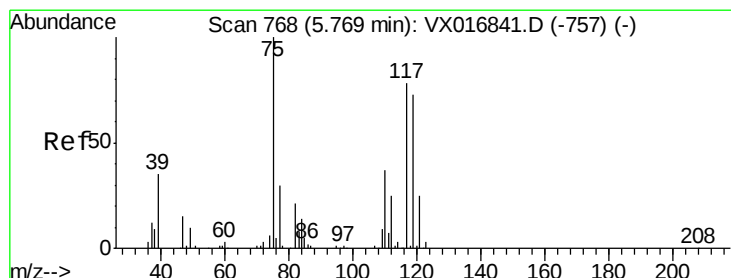
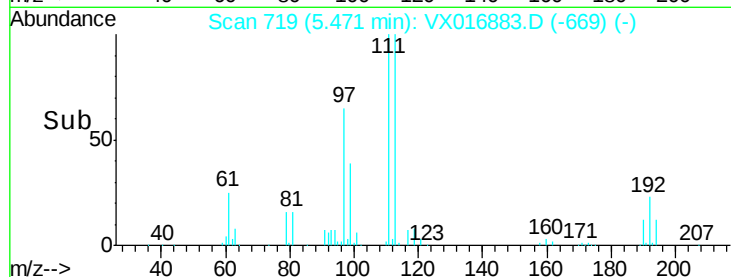
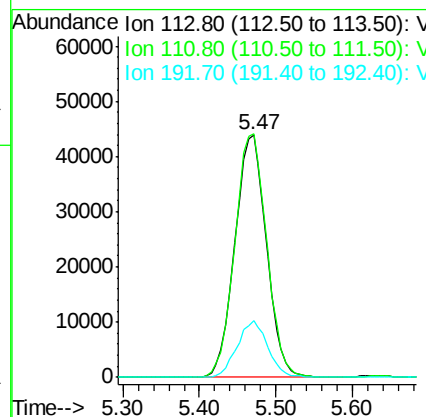
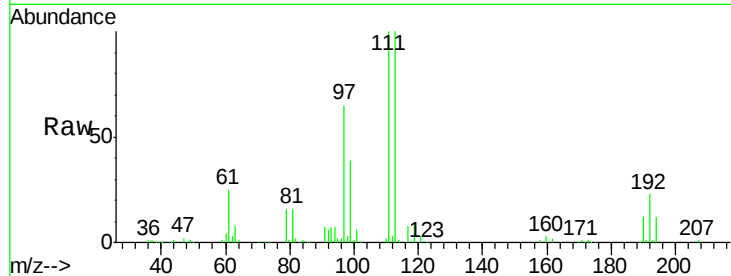
#35  
 Dibromofluoromethane  
 Concen: 53.487 ug/l  
 RT: 5.47 min Scan# 719  
 Delta R.T. 0.01 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0619WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 125866 |       |       |
| 111     | 101.2 | 81.0   | 121.4 |       |
| 192     | 22.7  | 18.5   | 27.7  |       |

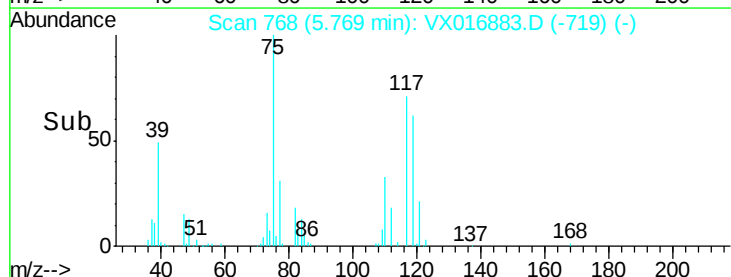
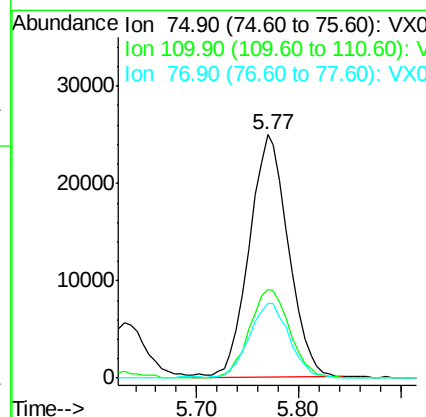
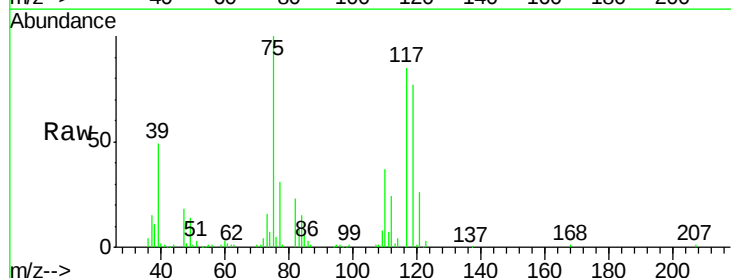
Manual Integrations  
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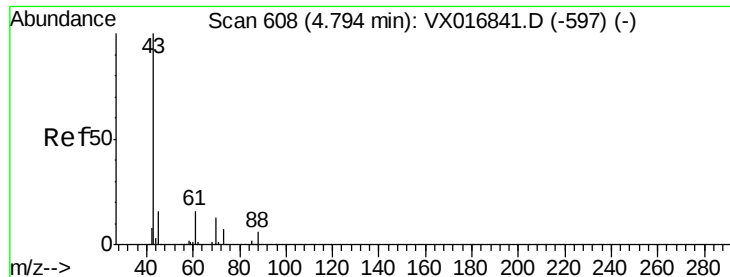
MMDadoda  
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#36  
 1,1-Dichloropropene  
 Concen: 19.470 ug/l  
 RT: 5.77 min Scan# 768  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 66130 |       |       |
| 110     | 37.9  | 18.9  | 56.9  |       |
| 77      | 32.0  | 25.6  | 38.4  |       |





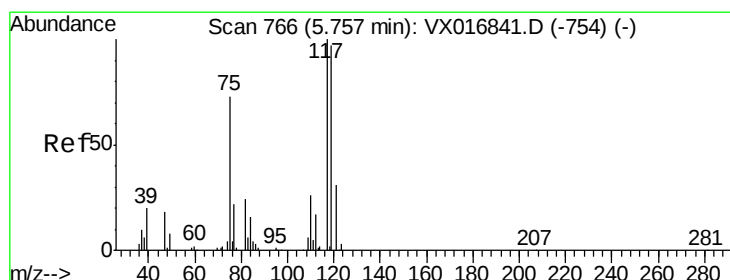
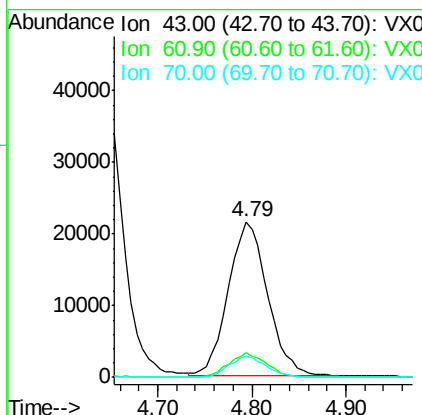
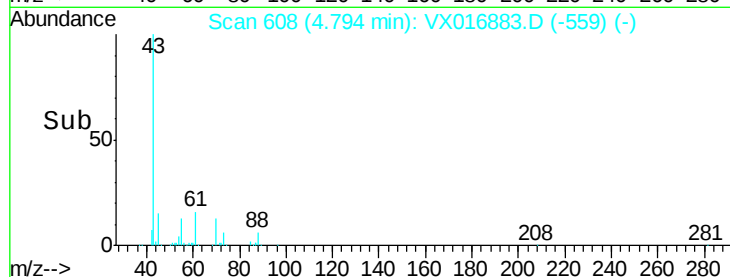
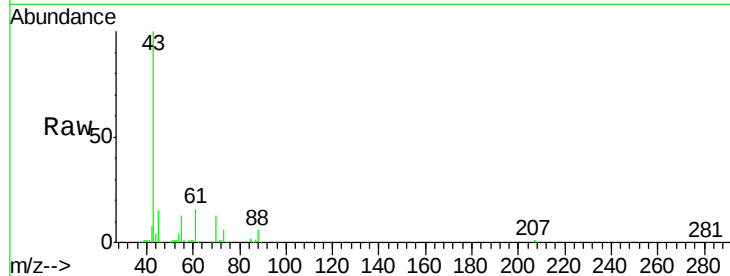
#37  
Ethyl Acetate  
Concen: 20.997 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.4  | 12.2  | 18.2  |
| 70      | 12.9  | 10.5  | 15.7  |

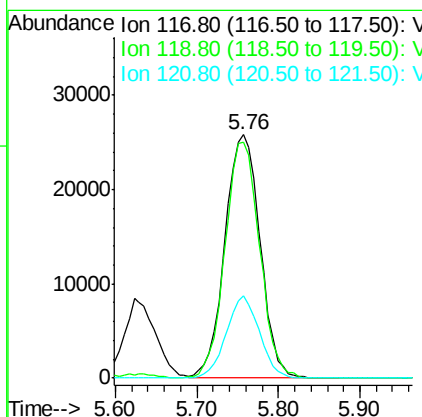
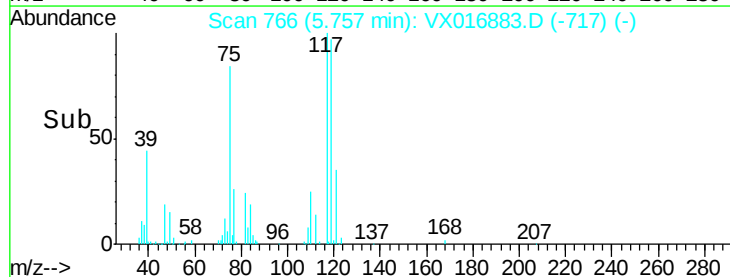
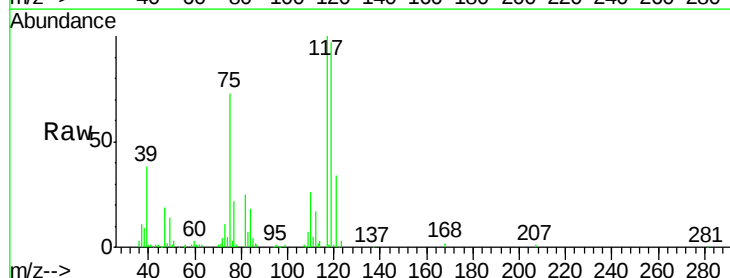
Manual Integrations  
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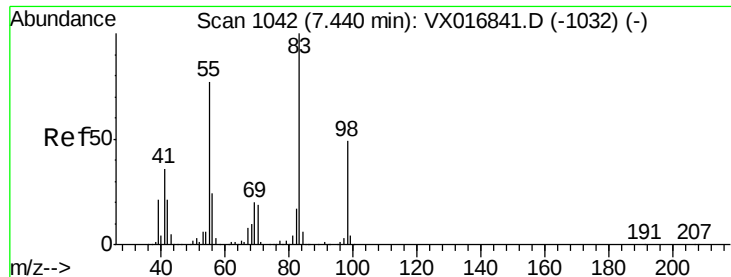
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 20.201 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.9  | 77.4  | 116.2 |
| 121     | 33.6  | 24.7  | 37.1  |





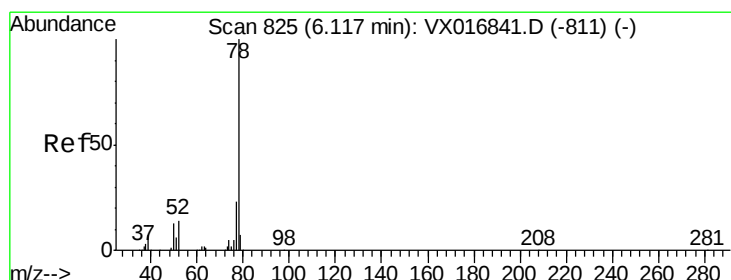
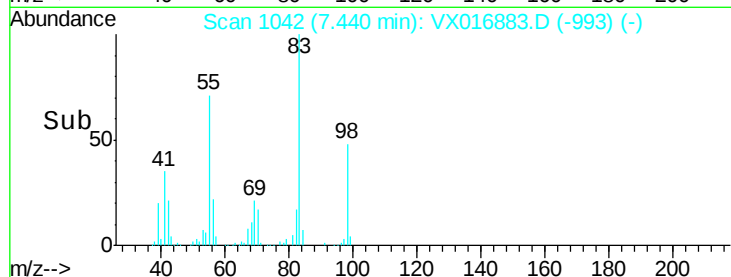
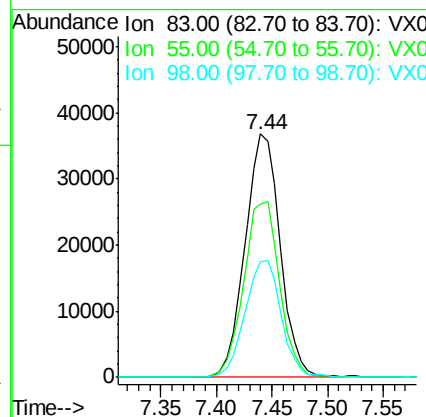
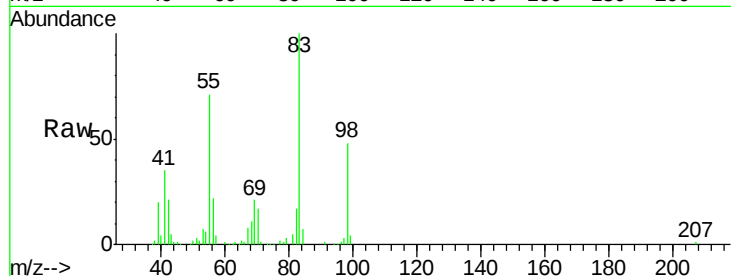
#39  
Methvlcvclohexane  
Concen: 20.444 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.2  | 61.7  | 92.5  |
| 98      | 47.7  | 39.0  | 58.6  |

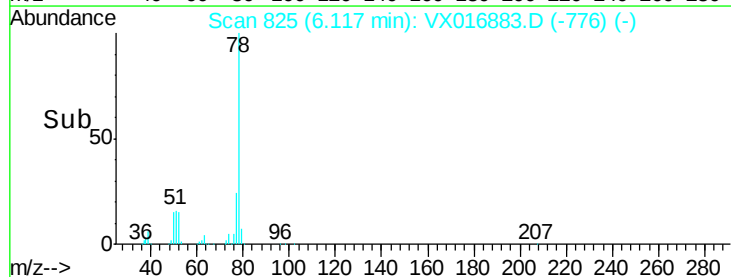
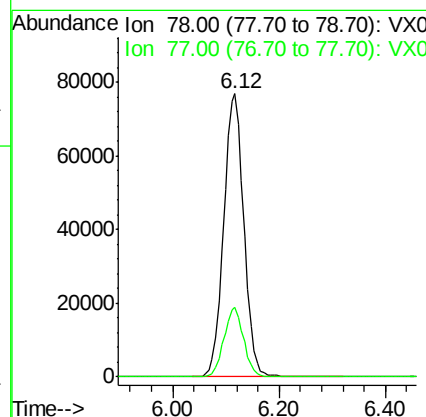
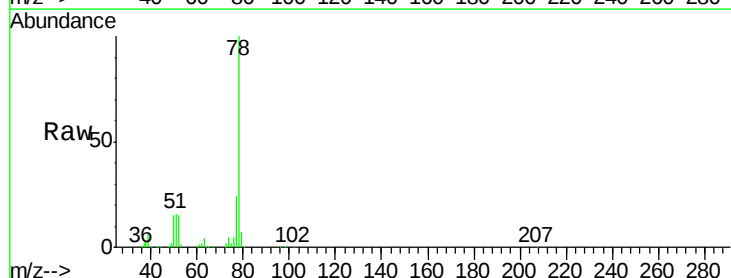
Manual Integrations  
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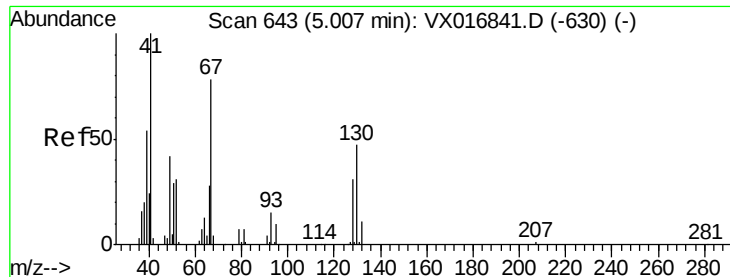
MMDadoda  
6/22/2020 12:23:04 PM



#40  
Benzene  
Concen: 19.987 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.5  | 18.6  | 27.8  |





#41

Methacrylonitrile

Concen: 21.731 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

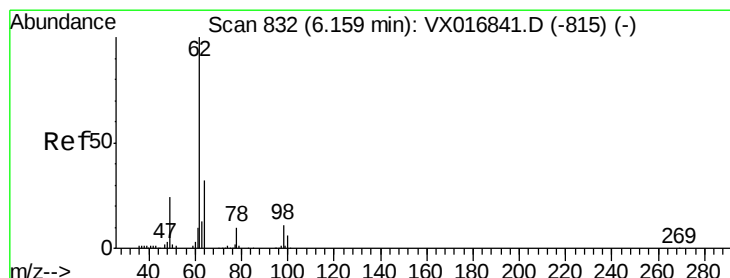
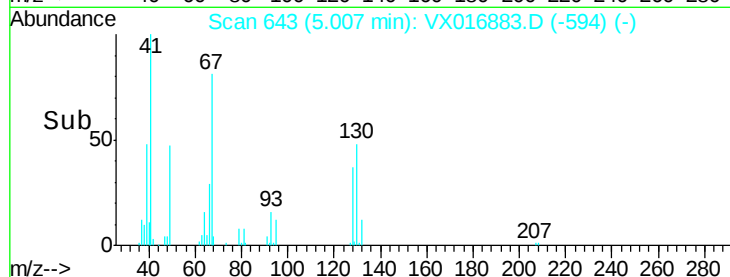
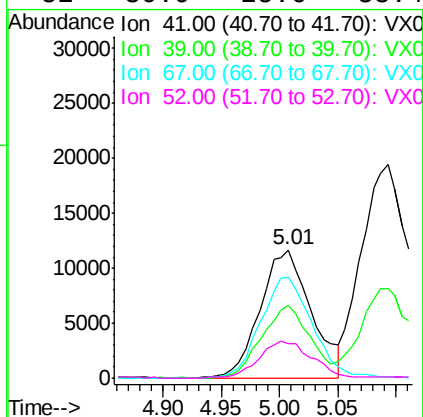
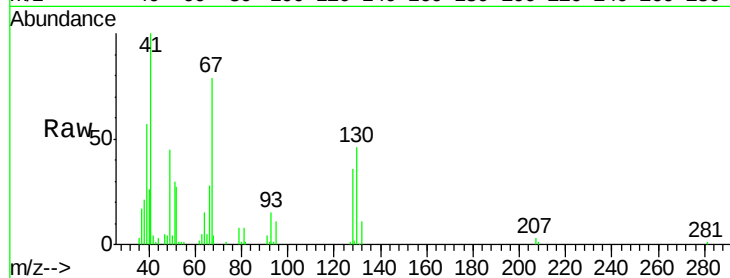
ClientSampleId :

VX0619WBSD01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 35405   | 41  | 100   |       |       |
|         | 39  | 53.7  | 42.6  | 64.0  |
|         | 67  | 79.9  | 64.2  | 96.2  |
|         | 52  | 30.9  | 25.6  | 38.4  |

Manual Integrations  
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#42

1,2-Dichloroethane

Concen: 20.193 ug/l

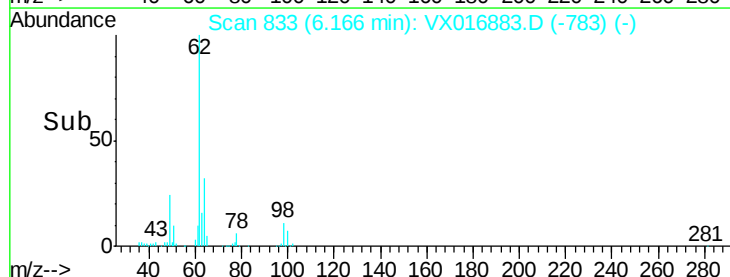
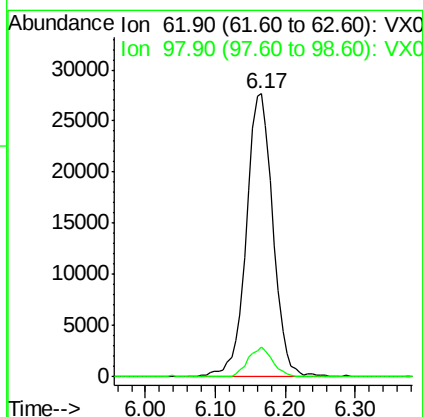
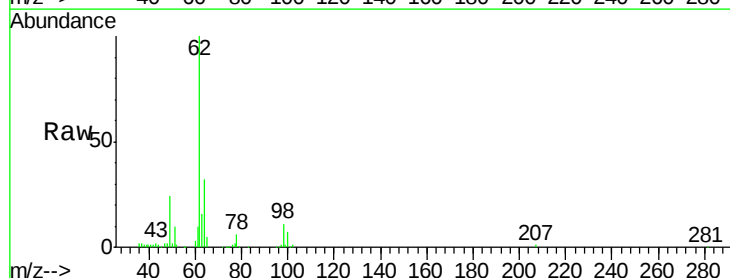
RT: 6.17 min Scan# 833

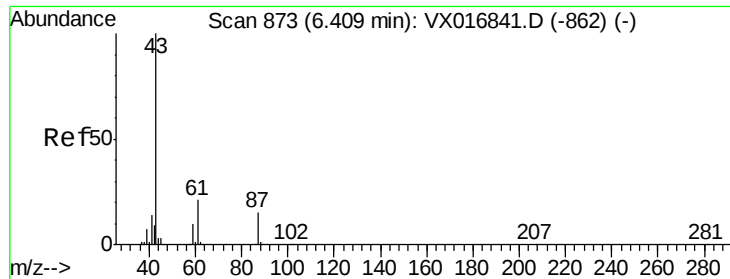
Delta R.T. 0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 73232   | 62  | 100   |       |       |
|         | 98  | 9.8   | 0.0   | 20.8  |





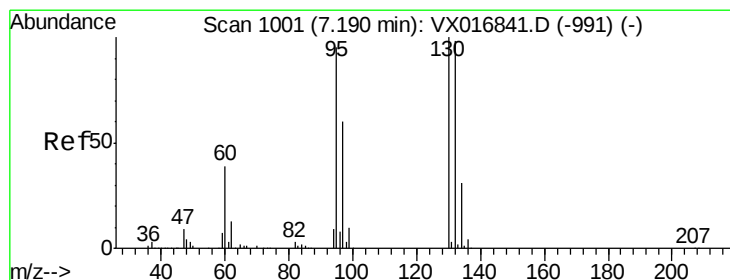
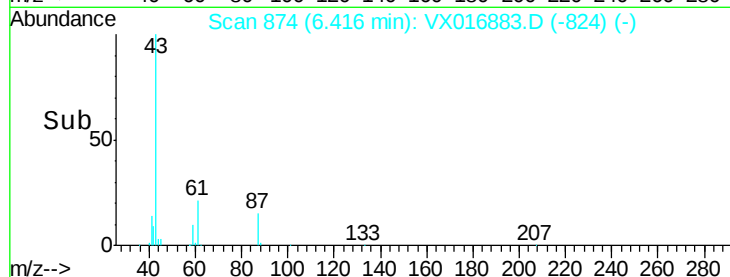
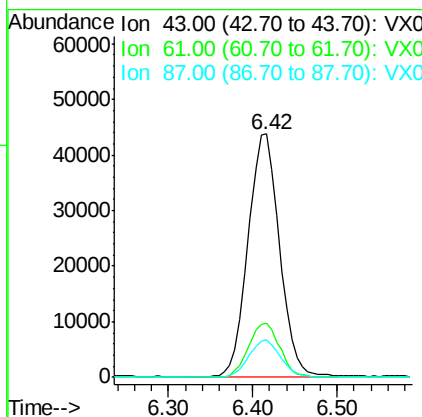
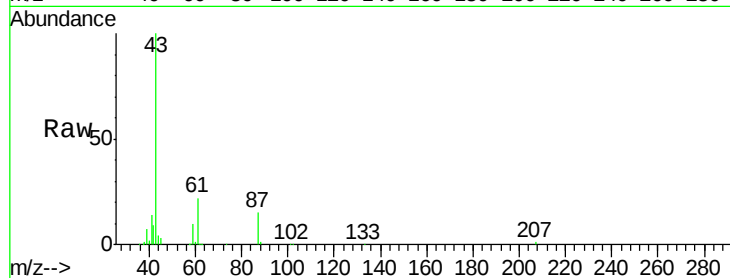
#43  
Isopropyl Acetate  
Concen: 21.129 ug/l  
RT: 6.42 min Scan# 874  
Delta R.T. 0.01 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 22.2  | 17.9  | 26.9  |
| 87      | 15.5  | 12.4  | 18.6  |

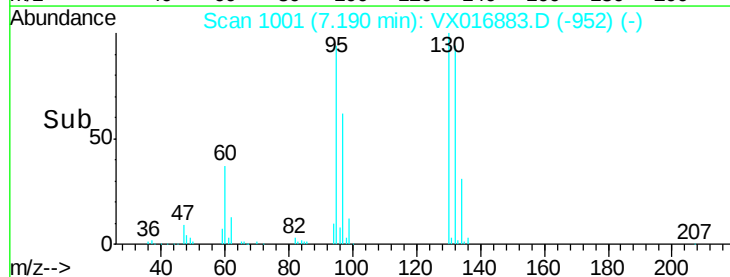
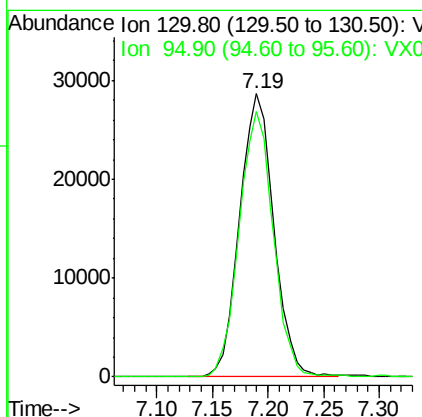
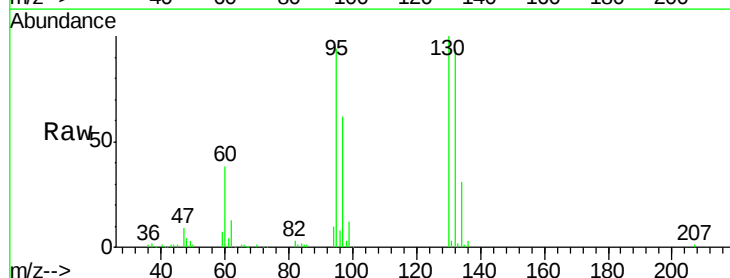
Manual Integrations  
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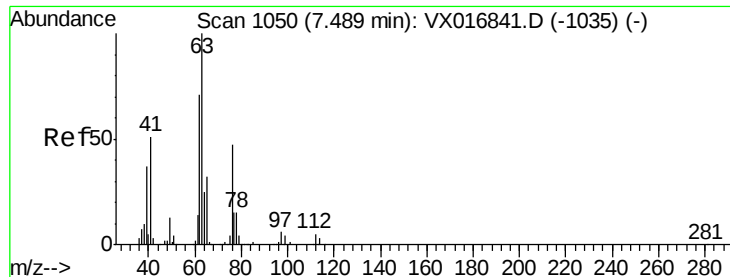
MMDadoda  
6/22/2020 12:23:04 PM



#44  
Trichloroethene  
Concen: 19.612 ug/l  
RT: 7.19 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 93.9  | 0.0   | 190.8 |





#45

1,2-Dichloropropane

Concen: 20.136 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 63 Resp: 51590

Ion Ratio Lower Upper

63 100

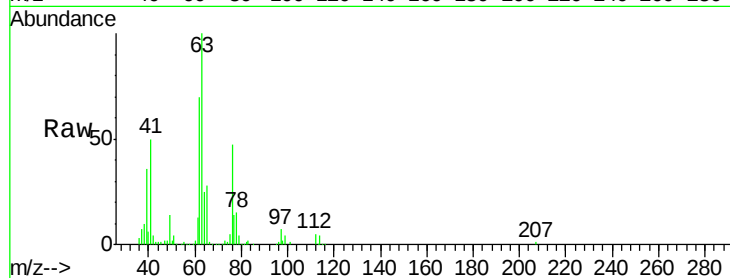
65 28.1 25.8 38.8

Manual Integrations

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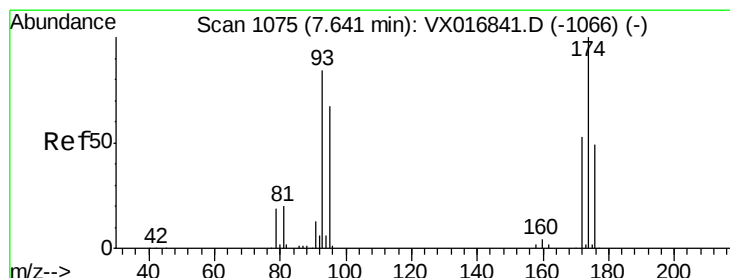
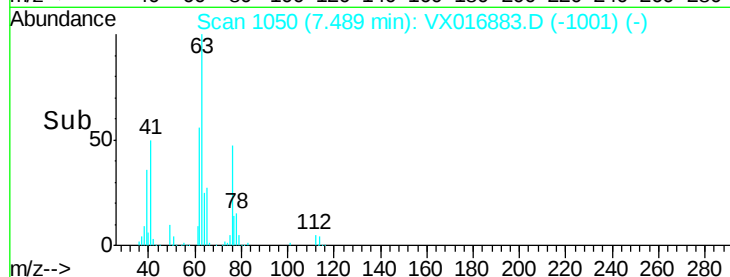
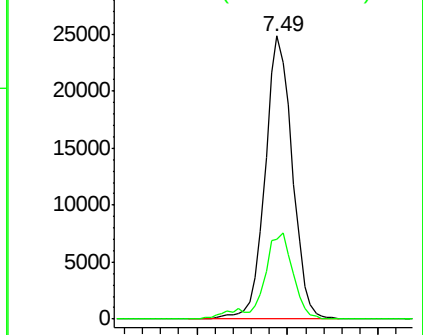
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.016 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

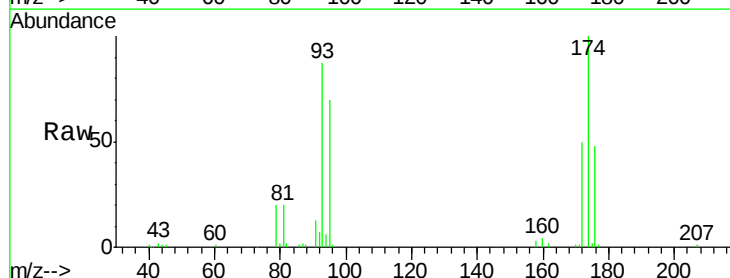
Tgt Ion: 93 Resp: 36515

Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

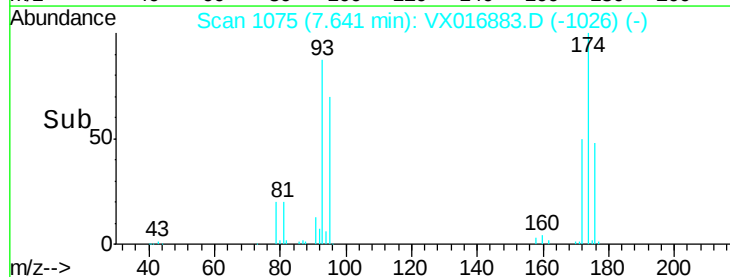
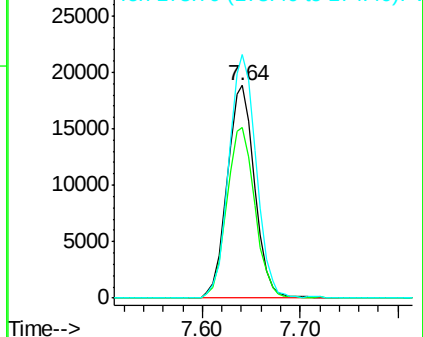
174 114.2 92.8 139.2

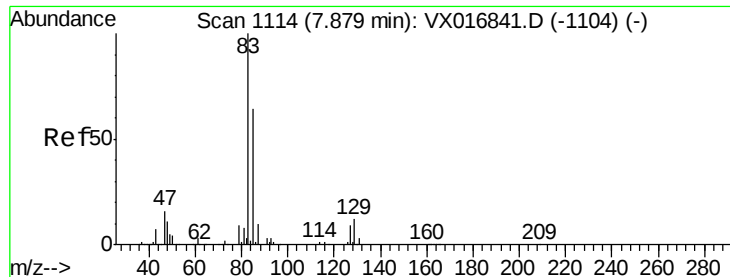


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.000 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

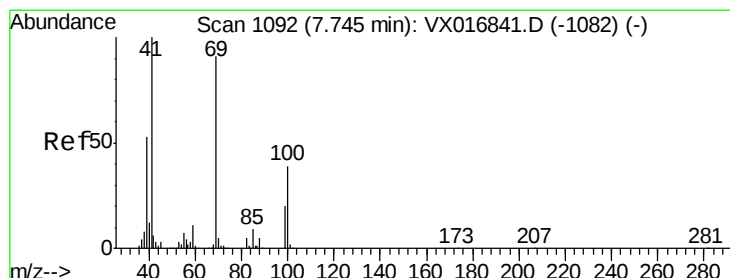
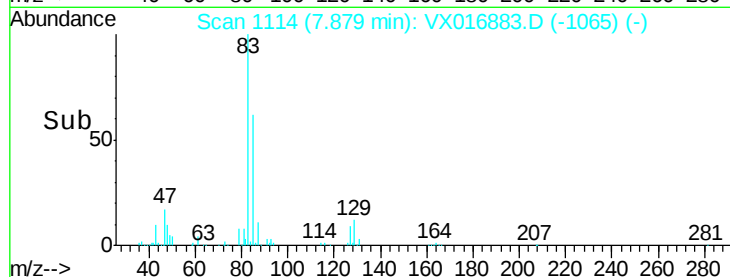
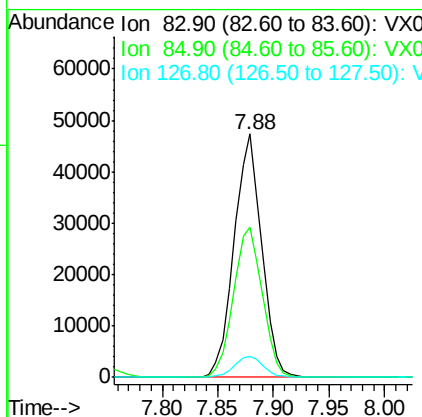
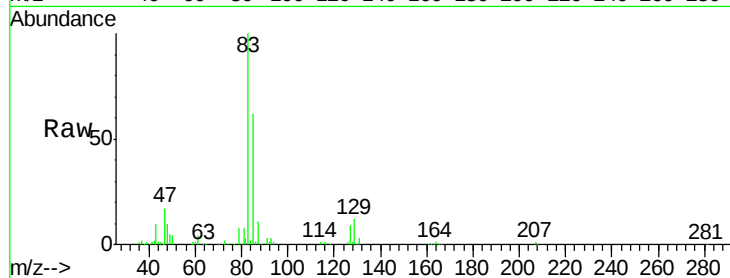
ClientSampleId :

VX0619WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 81297 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.6  | 50.9  | 76.3  |
| 127      | 8.8   | 7.4   | 11.0  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 20.900 ug/l

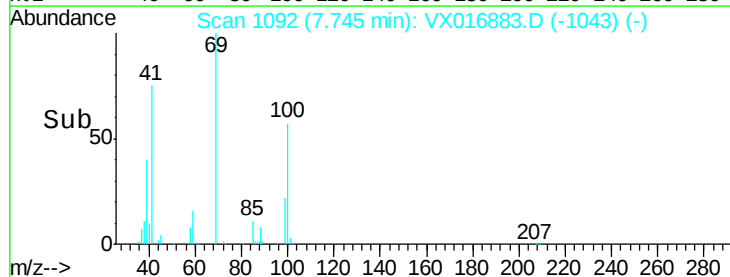
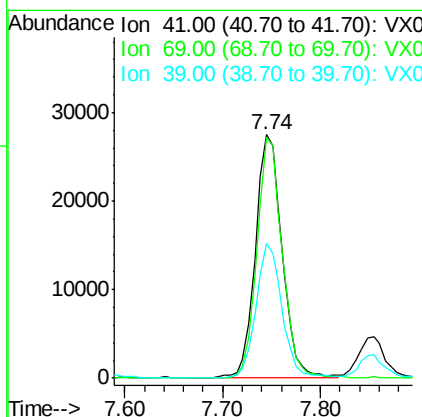
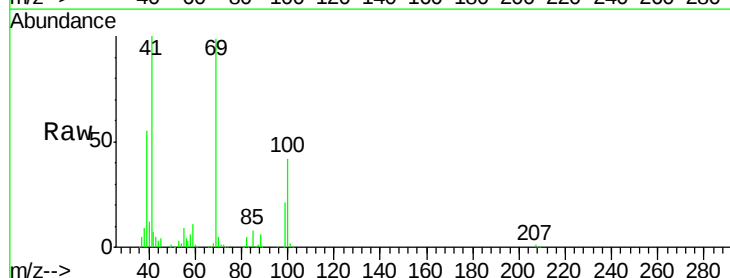
RT: 7.74 min Scan# 1092

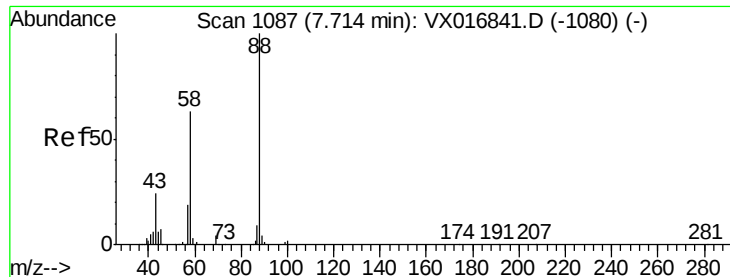
Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 51577 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 94.8  | 73.3  | 109.9 |
| 39       | 54.4  | 42.4  | 63.6  |





#49

1,4-Dioxane

Concen: 479.603 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

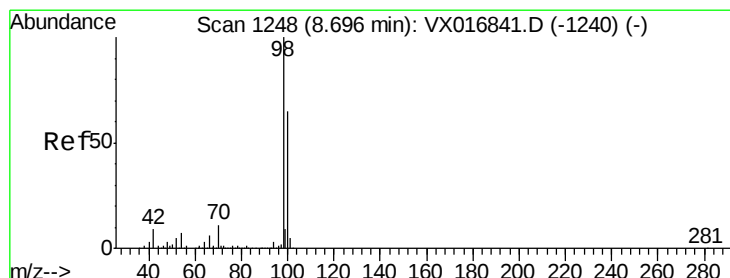
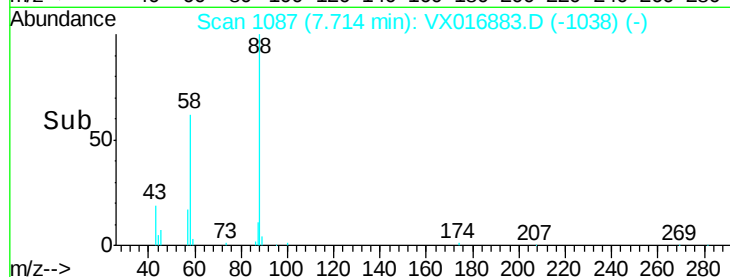
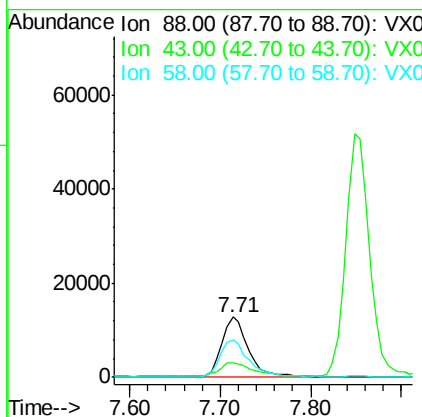
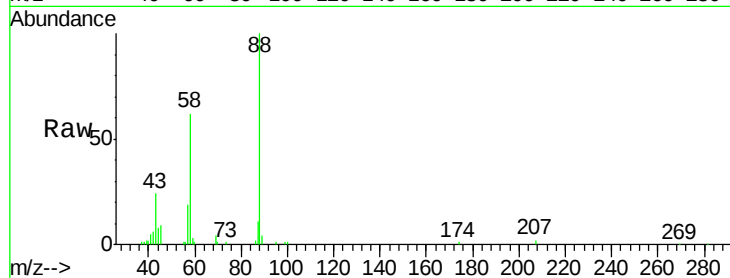
ClientSampled :

VX0619WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 26494 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 26.2  | 22.7  | 34.1  |
| 58       | 67.2  | 53.1  | 79.7  |

Manual Integrations  
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#50

Toluene-d8

Concen: 48.619 ug/l

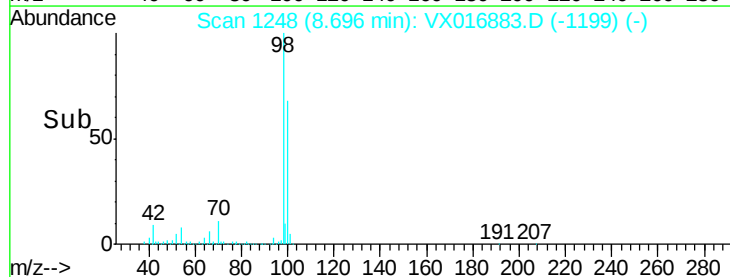
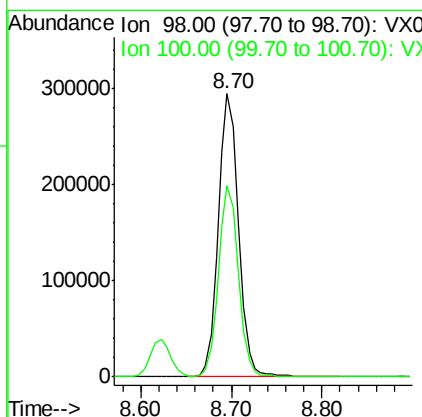
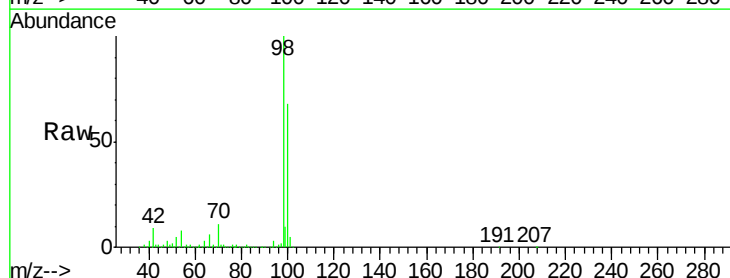
RT: 8.70 min Scan# 1248

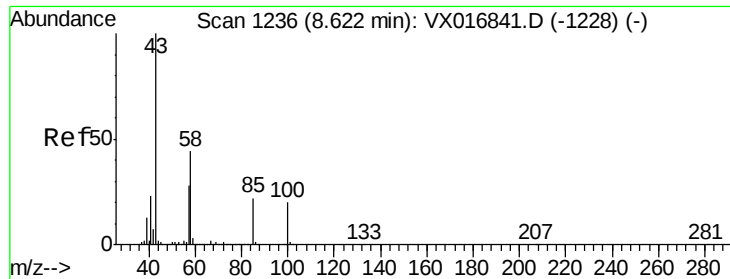
Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 457741 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.6  | 54.0  | 81.0   |





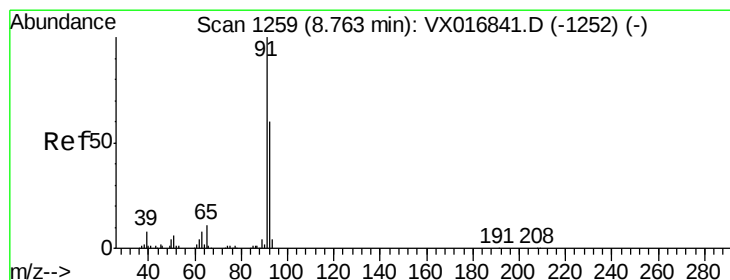
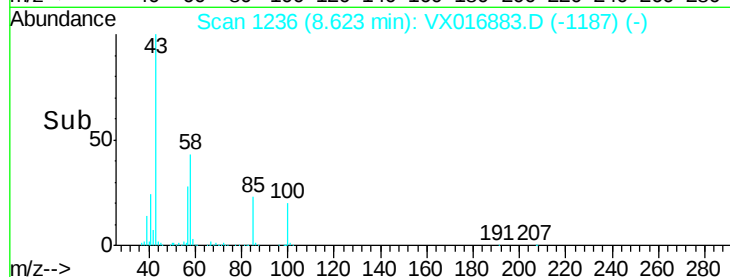
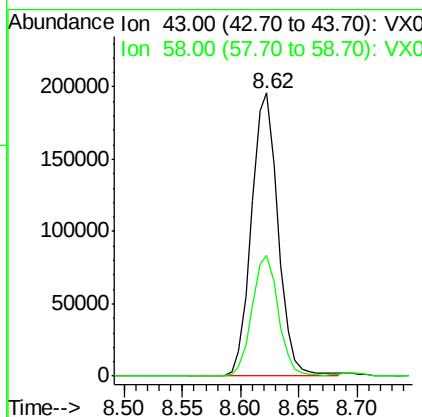
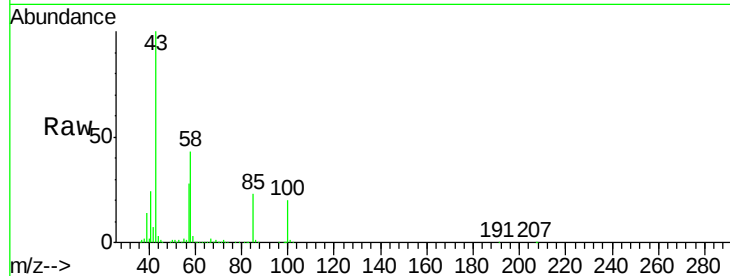
#51  
4-Methyl-2-Pentanone  
Concen: 99.104 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 42.4  | 34.3  | 51.5  |

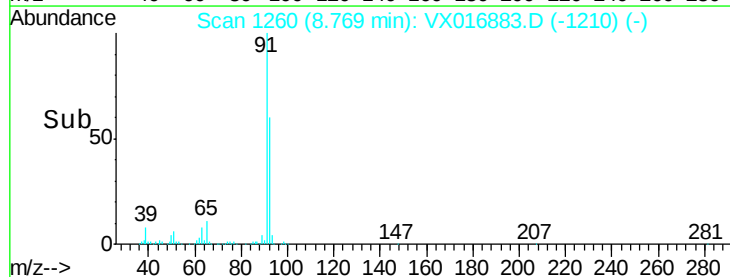
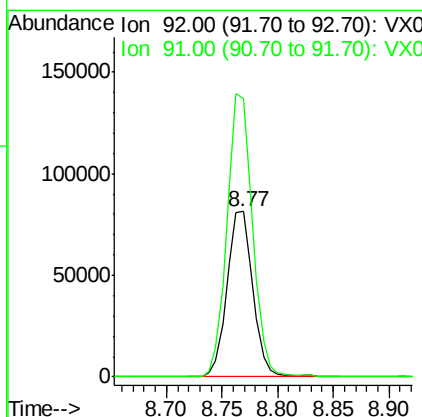
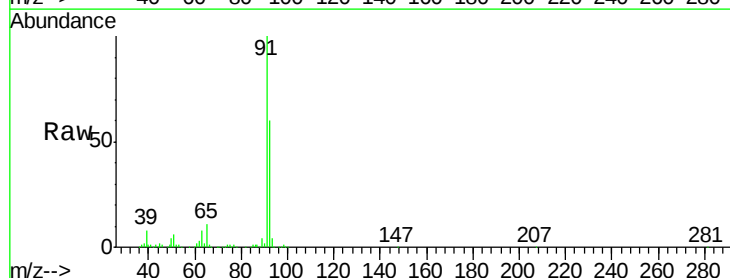
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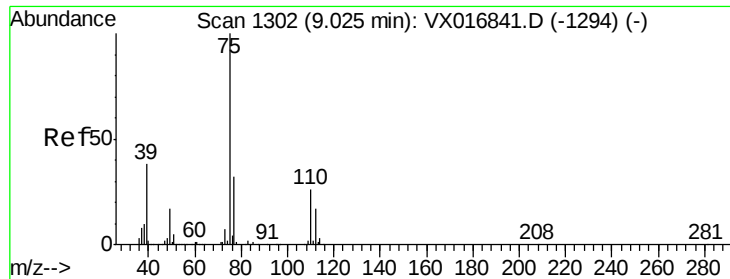
MMDadoda  
6/22/2020 12:23:04 PM



#52  
Toluene  
Concen: 19.405 ug/l  
RT: 8.77 min Scan# 1260  
Delta R.T. 0.01 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 169.7 | 134.2 | 201.2 |





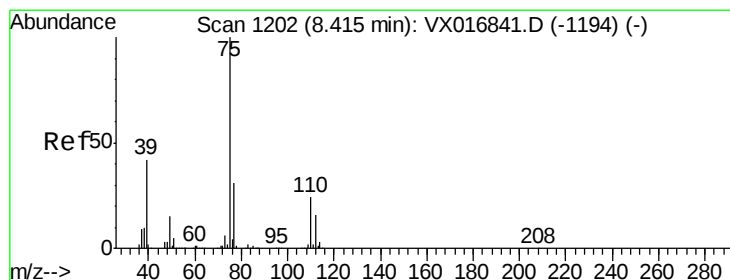
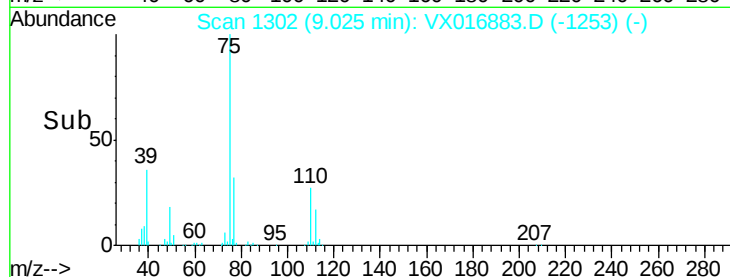
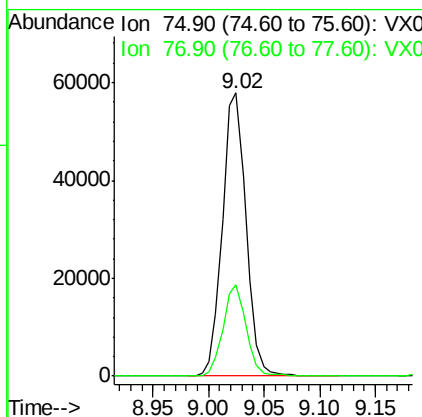
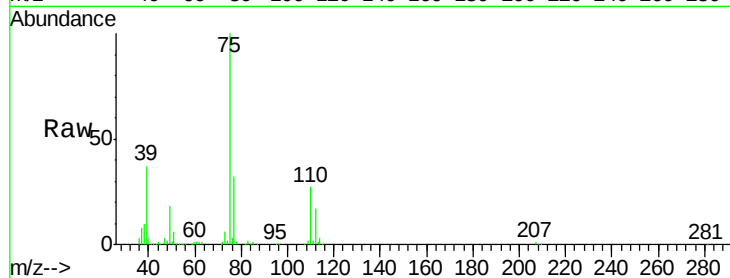
#53  
t-1,3-Dichloropropene  
Concen: 20.983 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.2  | 25.3  | 37.9  |

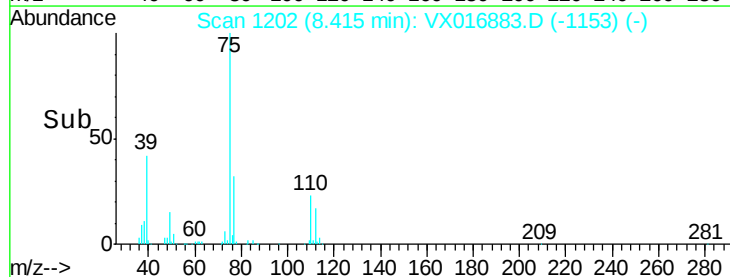
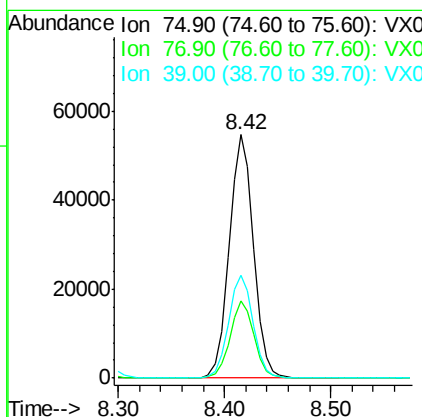
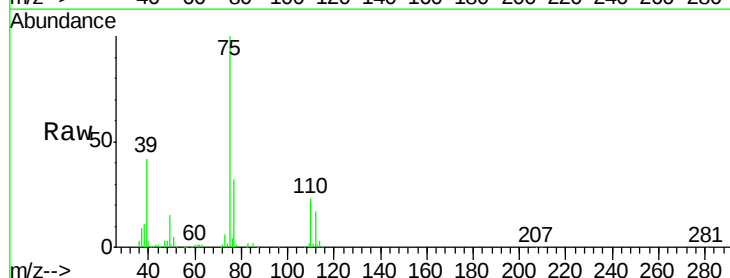
Manual Integrations  
APPROVED

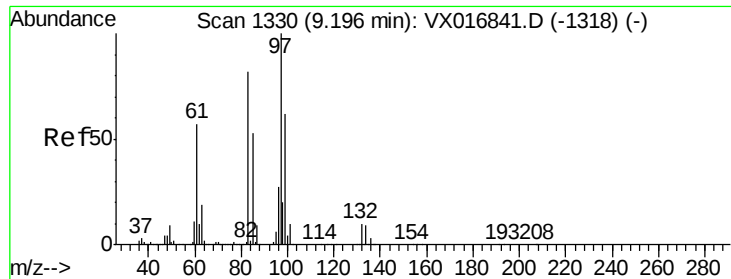
MMDadoda  
6/22/2020 12:23:04 PM



#54  
cis-1,3-Dichloropropene  
Concen: 20.062 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.9  | 24.9  | 37.3  |
| 39      | 42.2  | 33.4  | 50.0  |





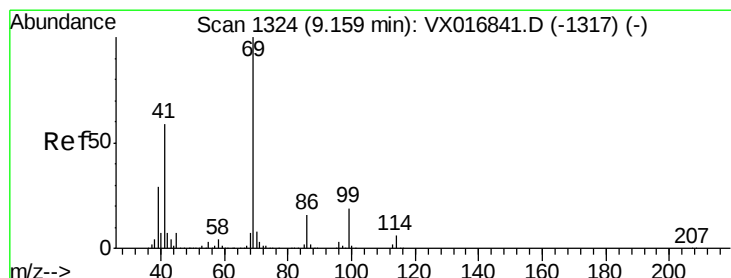
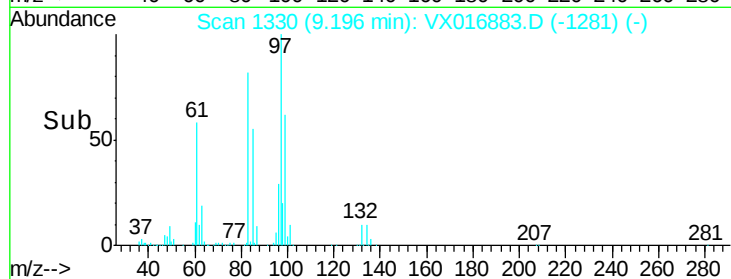
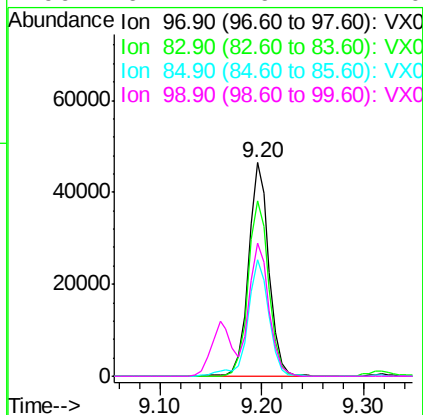
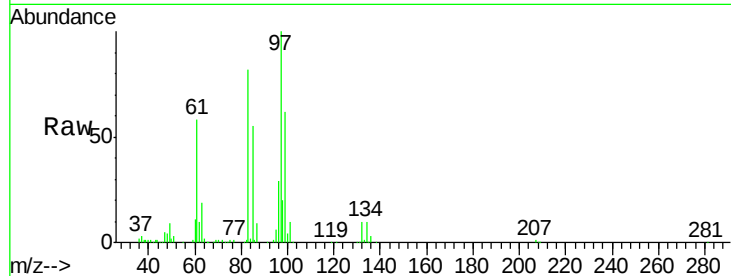
#55  
 1,1,2-Trichloroethane  
 Concen: 25.172 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0619WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 64256 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.9  | 65.5  | 98.3  |
| 85       | 54.5  | 42.6  | 63.8  |
| 99       | 62.2  | 49.4  | 74.0  |

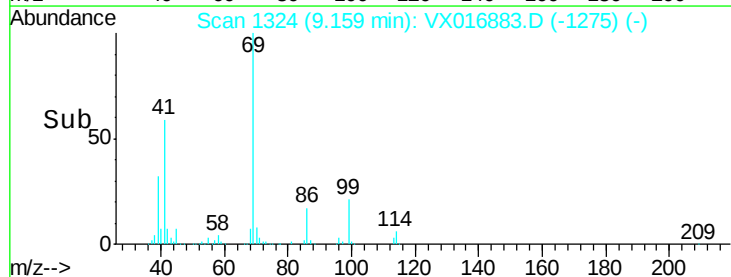
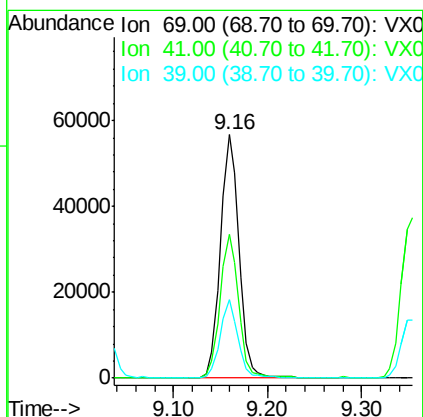
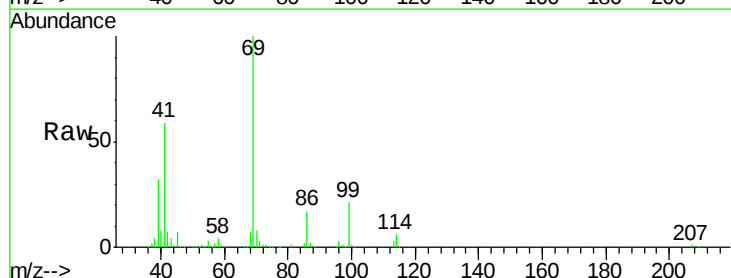
Manual Integrations  
 APPROVED

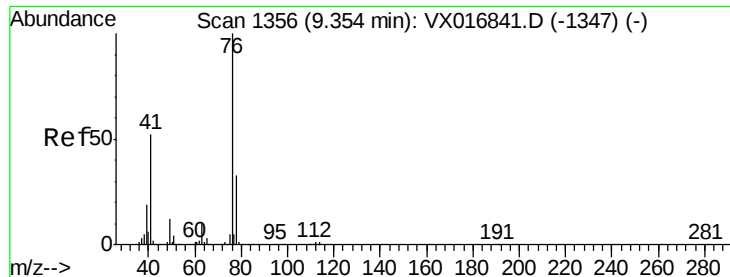
MMDadoda  
 6/22/2020 12:23:04 PM



#56  
 Ethyl methacrylate  
 Concen: 21.001 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 77609 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.4  | 47.9  | 71.9  |
| 39       | 31.6  | 24.2  | 36.4  |





#57

1,3-Dichloropropane

Concen: 23.397 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 76 Resp: 101248

Ion Ratio Lower Upper

76 100

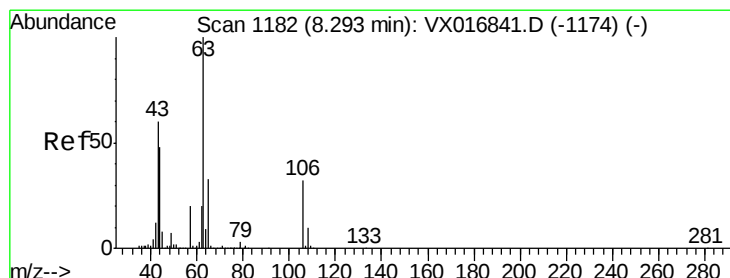
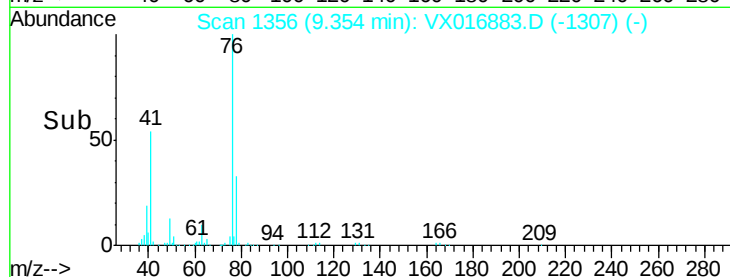
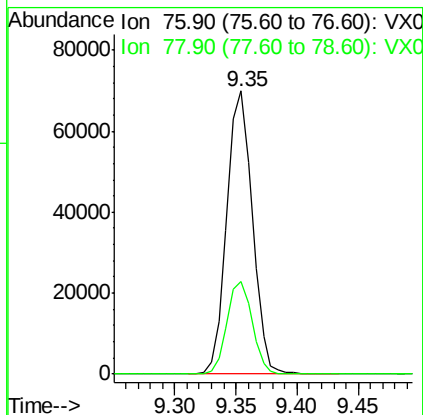
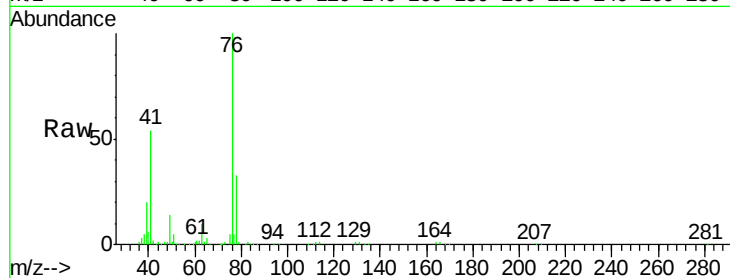
78 32.3 25.8 38.6

Manual Integrations

APPROVED

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#58

2-Chloroethyl Vinyl ether

Concen: 98.550 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016883.D

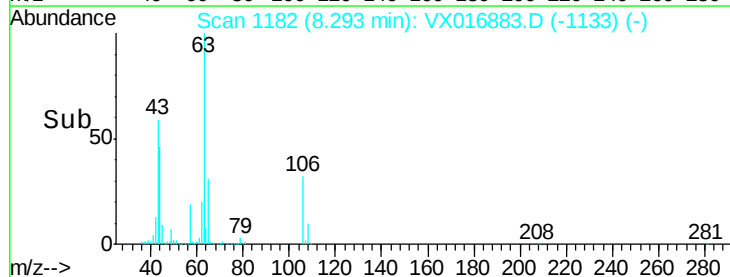
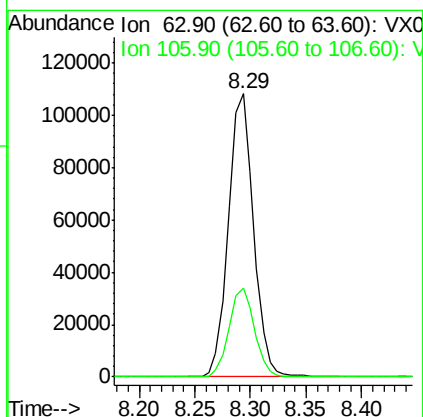
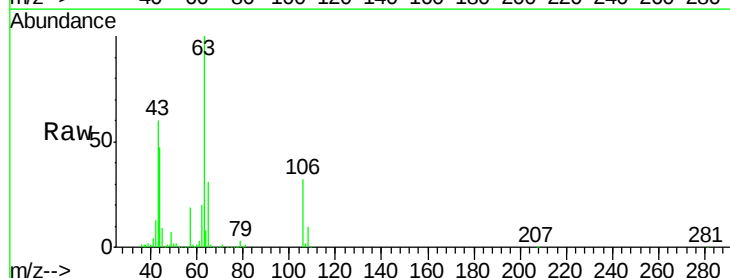
Acq: 19 Jun 2020 16:37

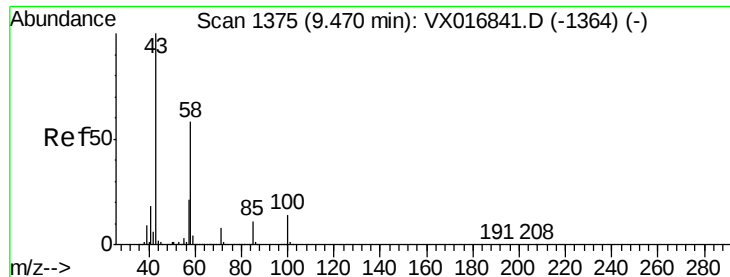
Tgt Ion: 63 Resp: 169457

Ion Ratio Lower Upper

63 100

106 32.0 25.8 38.6





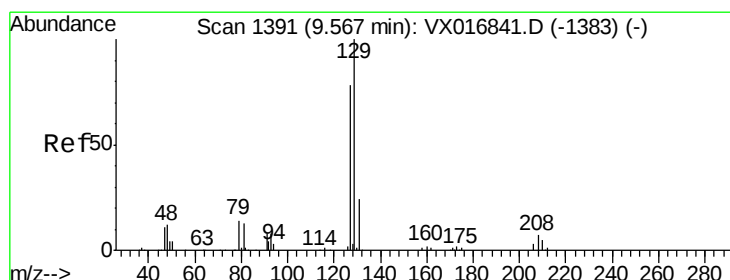
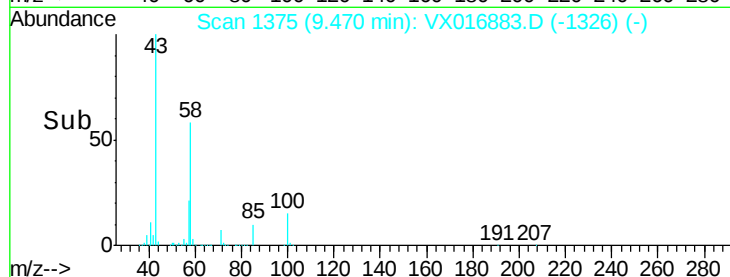
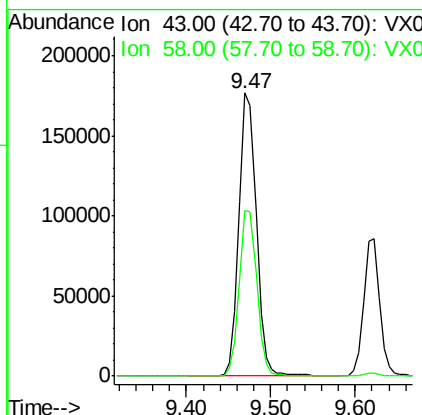
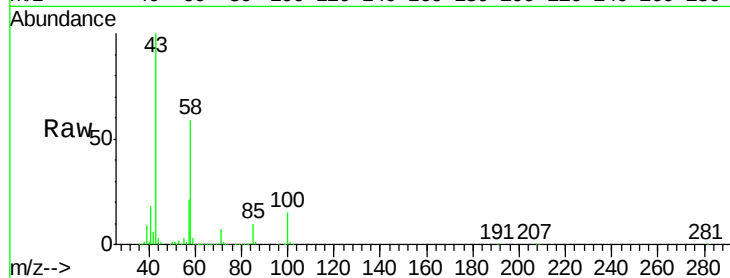
#59  
2-Hexanone  
Concen: 107.502 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

Tot Ion: 43 Resp: 245386  
Ion Ratio Lower Upper  
43 100  
58 59.2 29.8 89.4

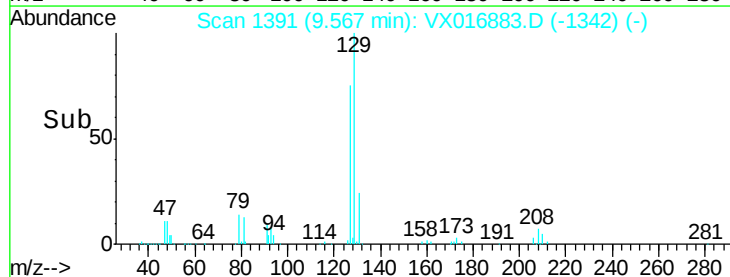
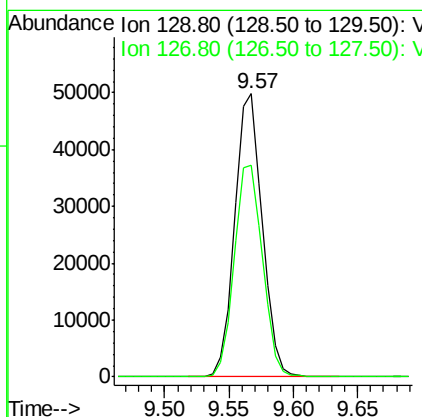
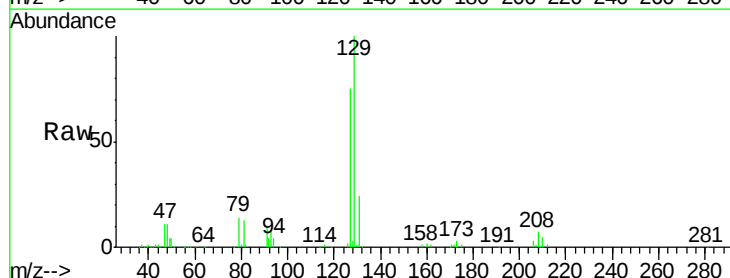
Manual Integrations  
APPROVED

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6/22/2020 12:23:04 PM



#60  
Dibromochloromethane  
Concen: 24.167 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Tgt Ion: 129 Resp: 74006  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 23.021 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 107 Resp: 63773

Ion Ratio Lower Upper

107 100

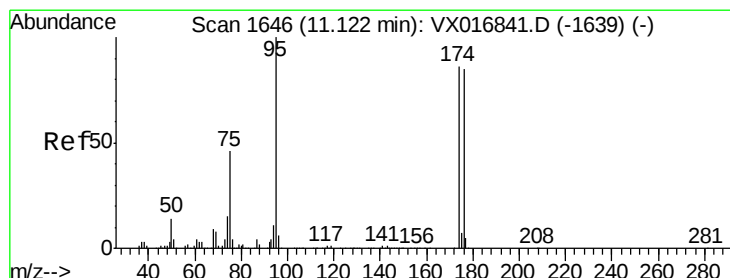
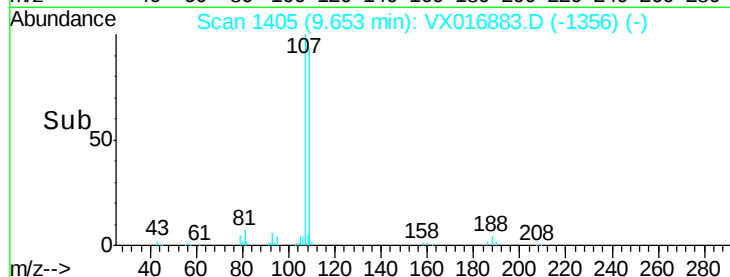
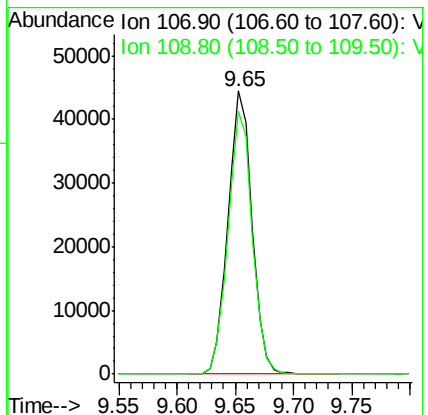
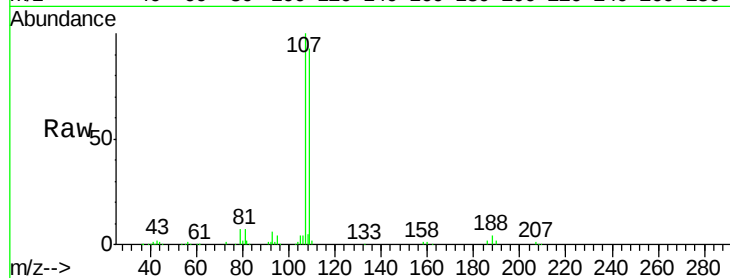
109 93.9 75.4 113.0

Manual Integrations

APPROVED

MMDadoda

6/22/2020 12:23:04 PM



#62

4-Bromofluorobenzene

Concen: 48.894 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

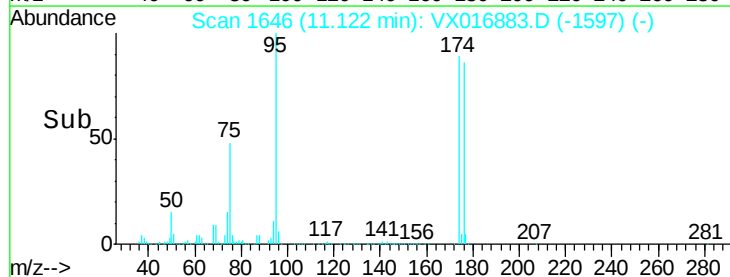
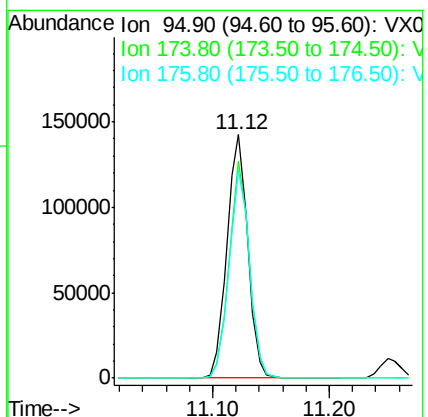
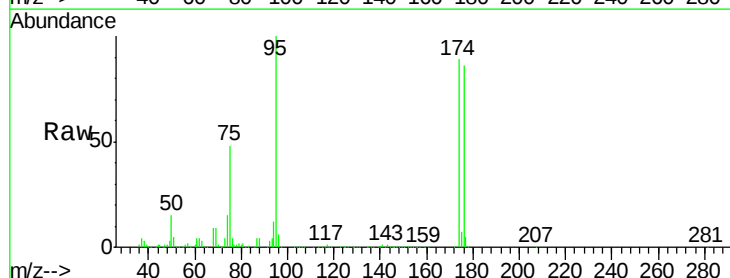
Tgt Ion: 95 Resp: 176370

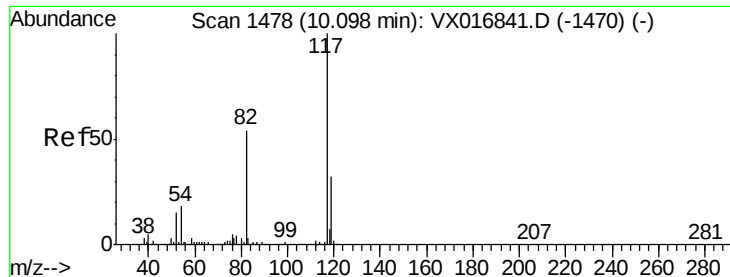
Ion Ratio Lower Upper

95 100

174 86.5 0.0 174.2

176 84.3 0.0 170.0





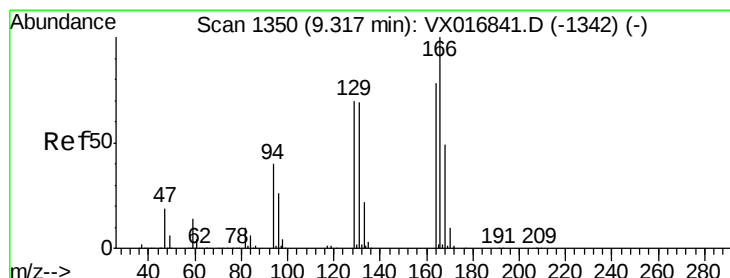
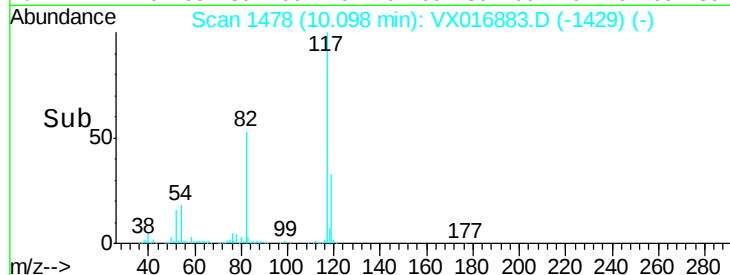
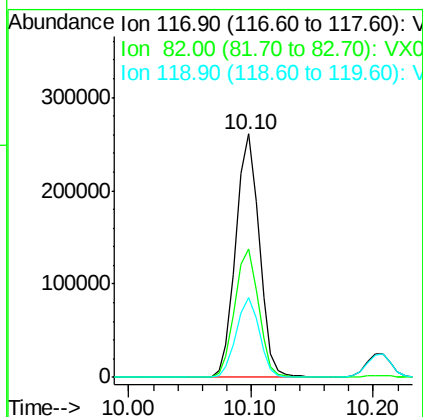
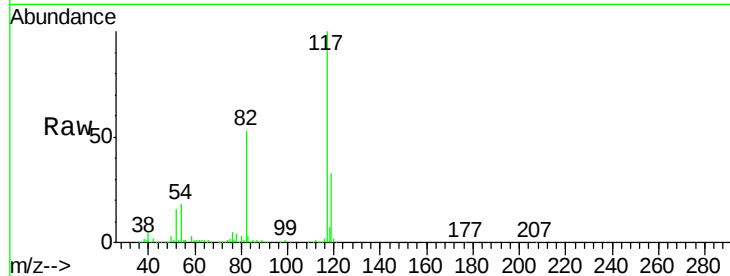
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 346678 |       |       |
| 82      | 52.8  |        | 43.4  | 65.0  |
| 119     | 32.8  |        | 25.7  | 38.5  |

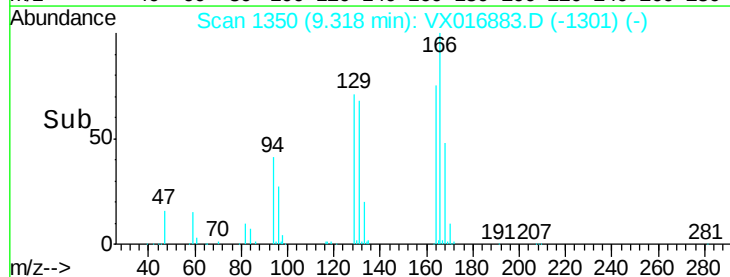
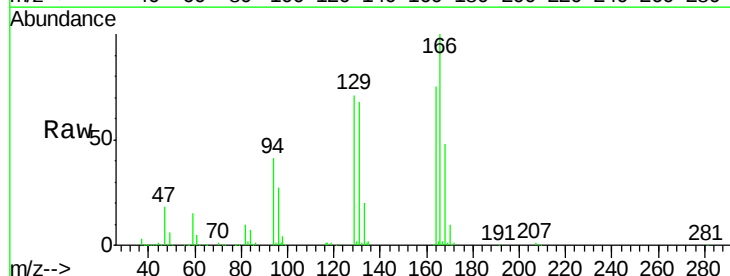
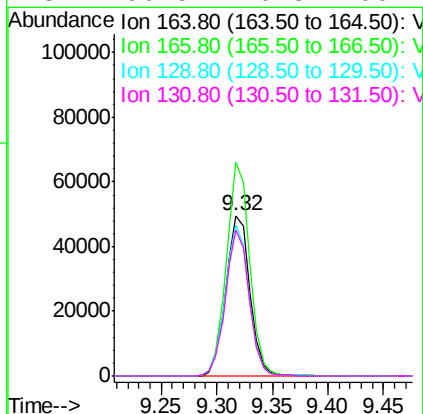
Manual Integrations  
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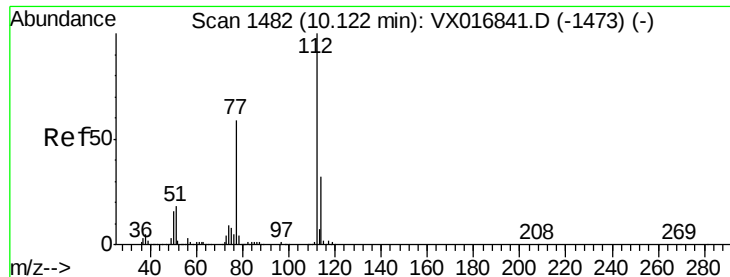
MMDadoda  
6/22/2020 12:23:04 PM



#64  
Tetrachloroethene  
Concen: 23.138 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 74279 |       |       |
| 166     | 133.0 |       | 102.6 | 153.8 |
| 129     | 93.8  |       | 72.2  | 108.2 |
| 131     | 90.5  |       | 70.8  | 106.2 |





#65

Chlorobenzene

Concen: 20.381 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion:112 Resp: 143080

Ion Ratio Lower Upper

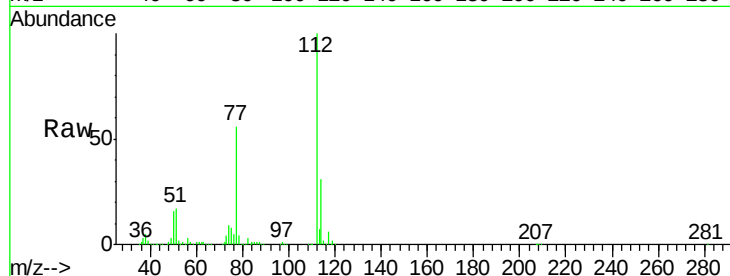
112 100

114 31.5 25.5 38.3

Manual Integrations  
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

40000

20000

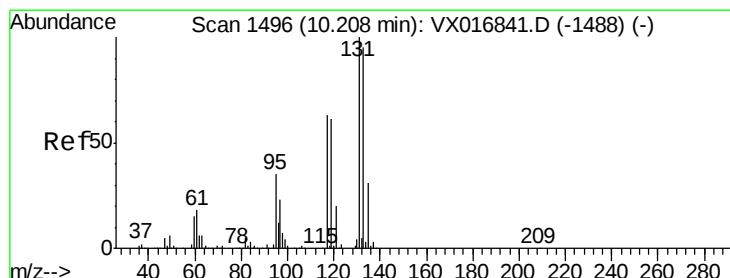
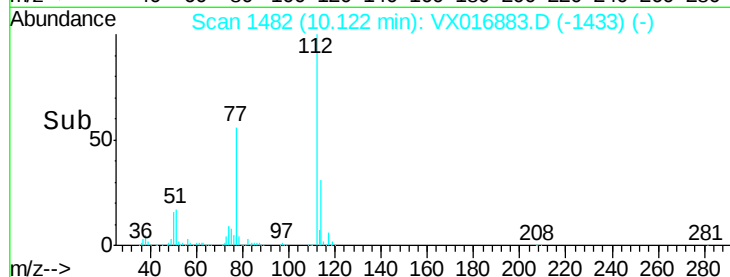
0

10.10

10.12

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.724 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

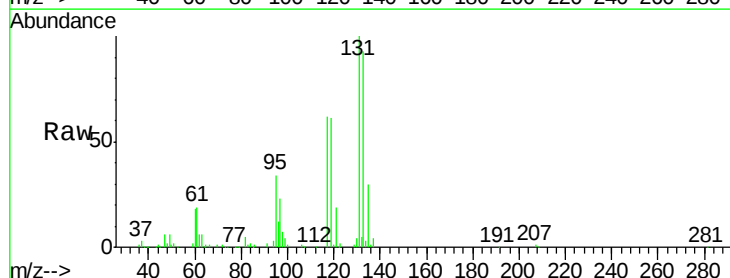
Tgt Ion:131 Resp: 56384

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

119 62.6 30.8 92.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

50000

40000

30000

20000

10000

0

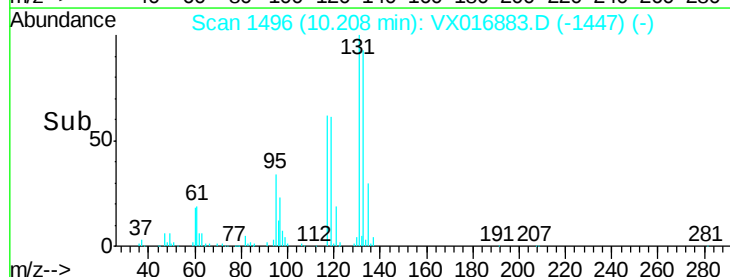
10.15

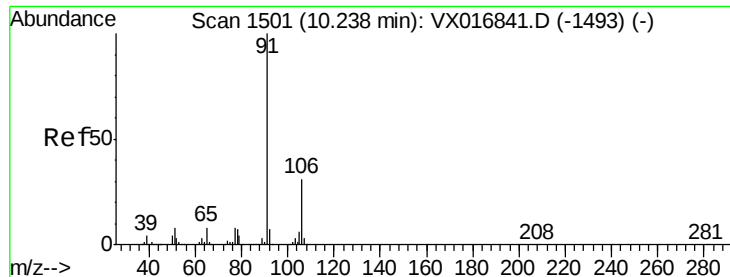
10.20

10.25

10.30

Time-->





#67

Ethyl Benzene

Concen: 20.565 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 91 Resp: 243583

Ion Ratio Lower Upper

91 100

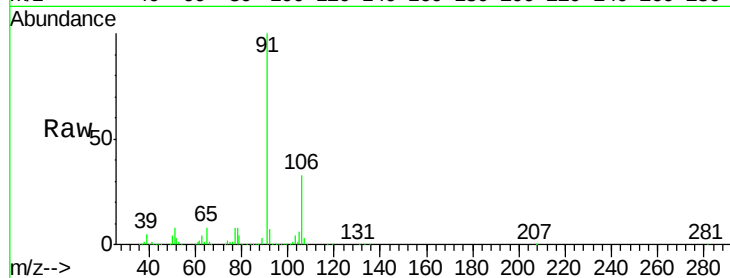
106 32.7 25.1 37.7

Manual Integrations

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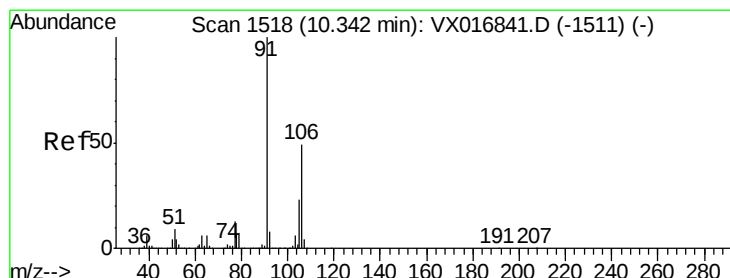
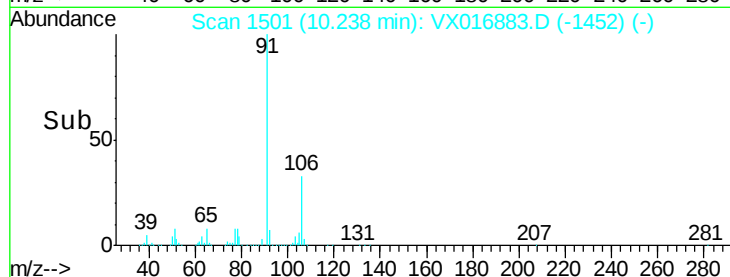
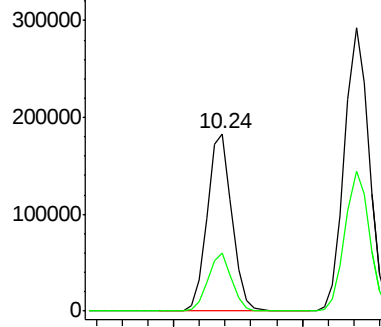
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.178 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016883.D

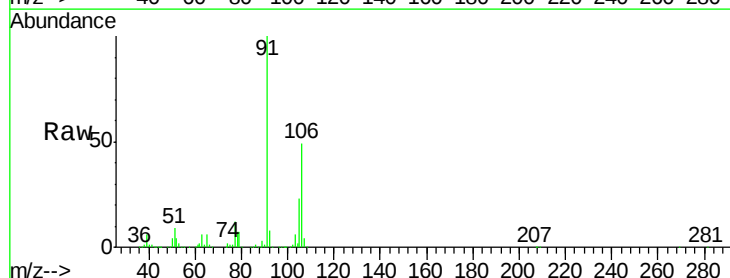
Acq: 19 Jun 2020 16:37

Tgt Ion: 106 Resp: 189794

Ion Ratio Lower Upper

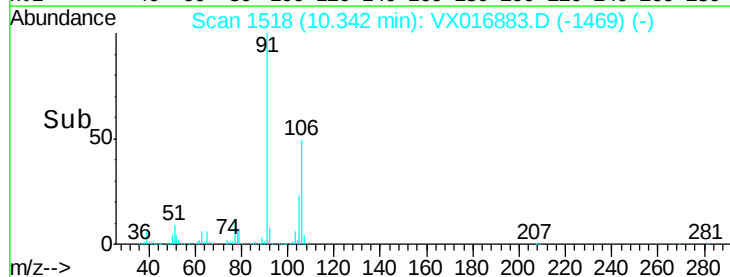
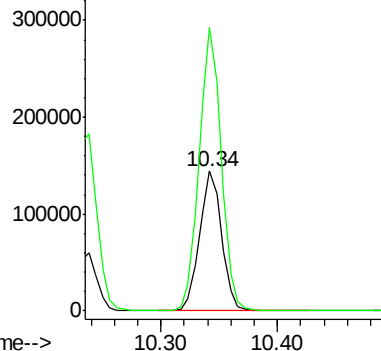
106 100

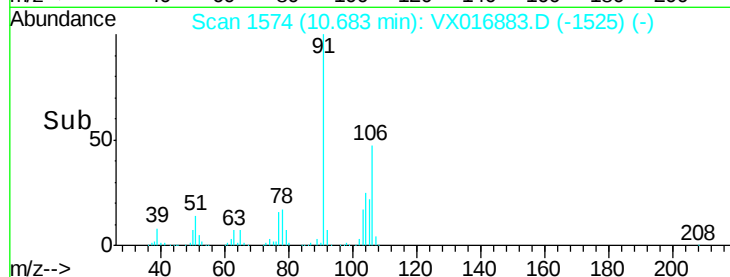
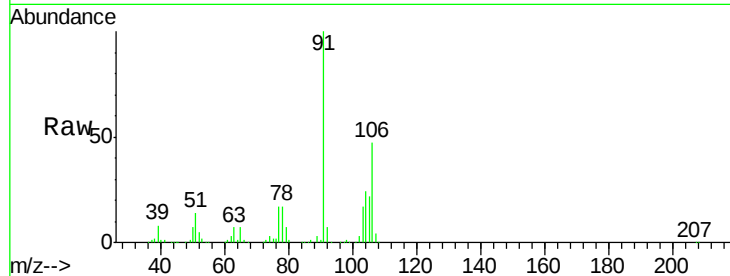
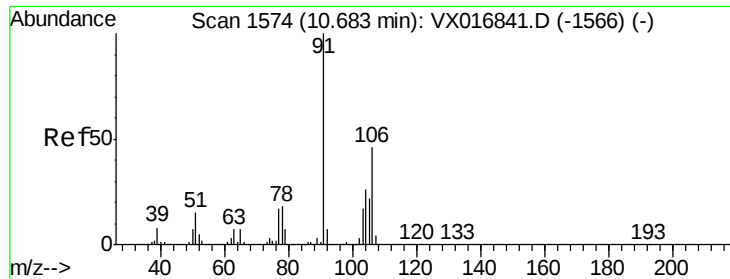
91 202.3 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





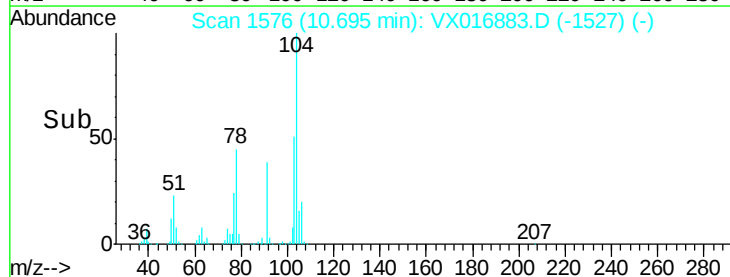
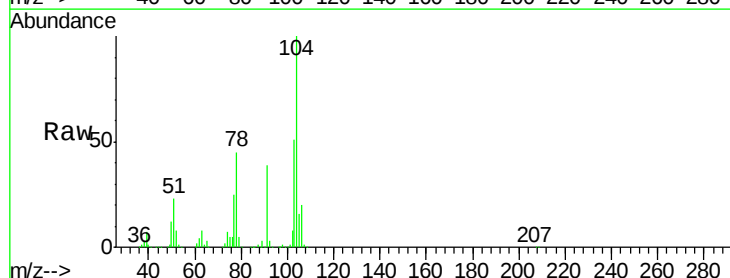
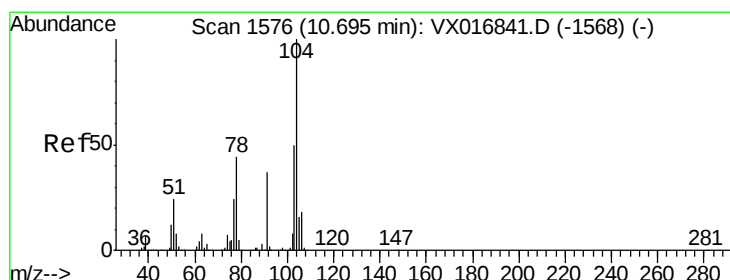
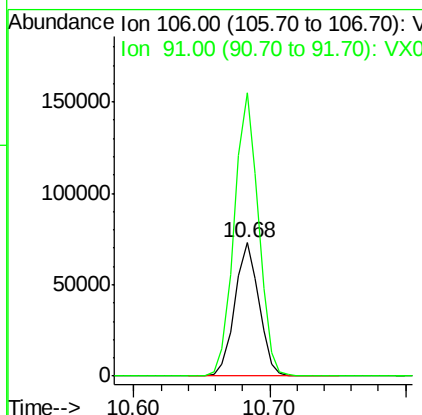
#69  
o-Xylene  
Concen: 21.185 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Tot Ion:106 Resp: 90289  
Ion Ratio Lower Upper  
106 100  
91 212.5 107.9 323.7

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0619WBSD01

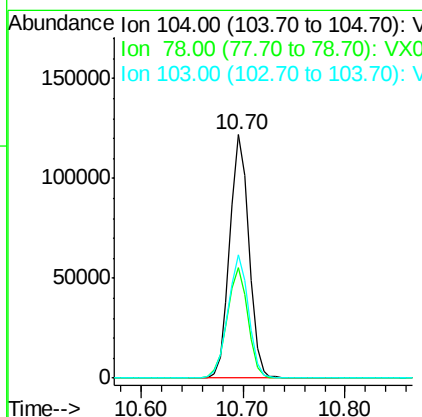
Manual Integrations  
APPROVED

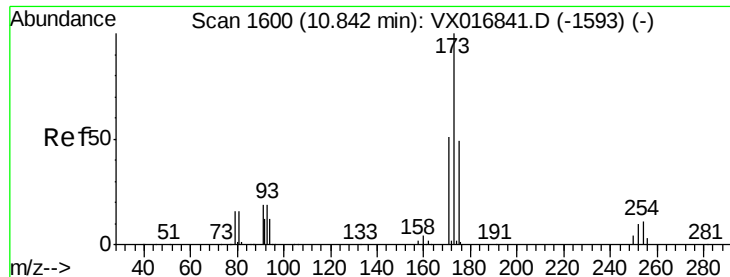
MMDadoda  
6/22/2020 12:23:04 PM



#70  
Styrene  
Concen: 21.823 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Tgt Ion:104 Resp: 158032  
Ion Ratio Lower Upper  
104 100  
78 49.3 39.6 59.4  
103 54.5 43.3 64.9





#71

Bromoform

Concen: 21.020 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

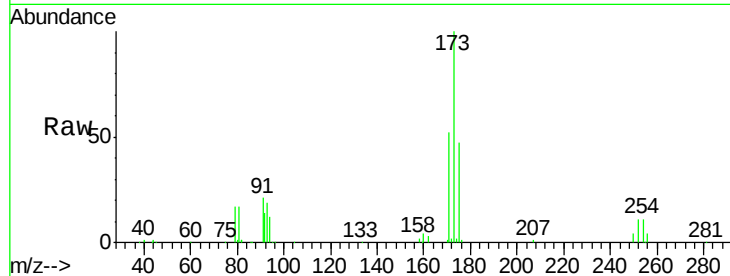
ClientSampleId :

VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 24.3  | 73.0  |
| 254     | 0.2   | 0.1   | 0.1#  |

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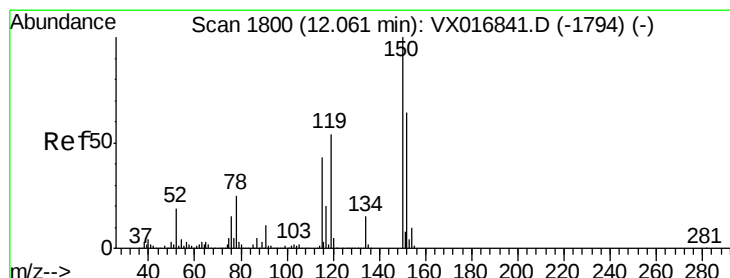
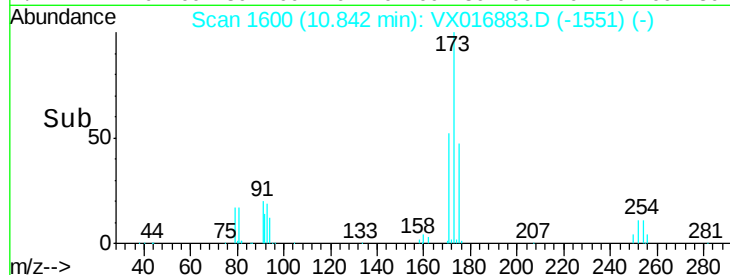
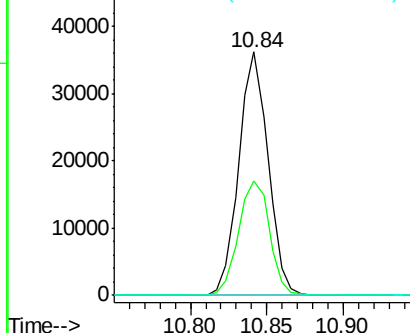


Abundance

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

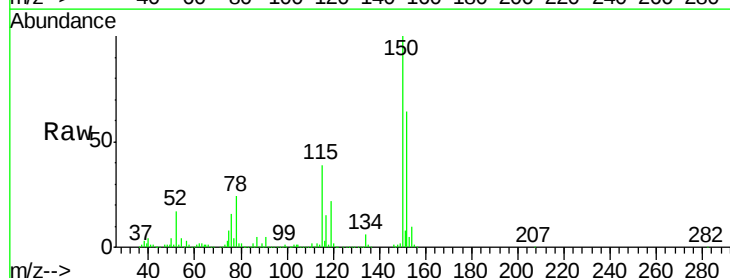
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 66.2  | 40.9  | 122.8 |
| 150     | 162.7 | 0.0   | 344.2 |

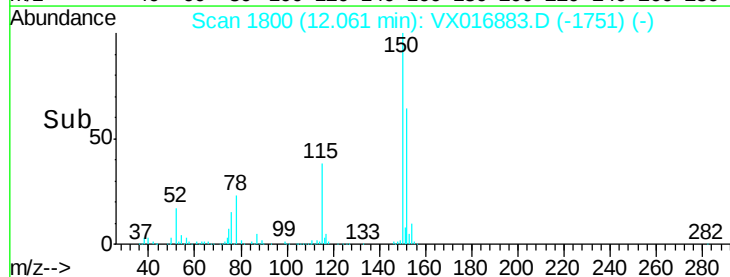
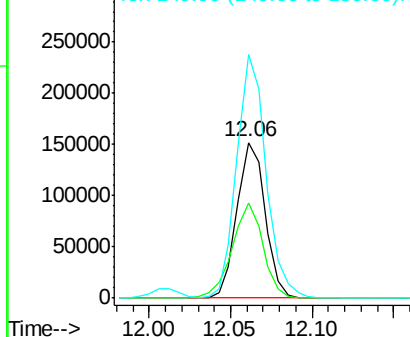


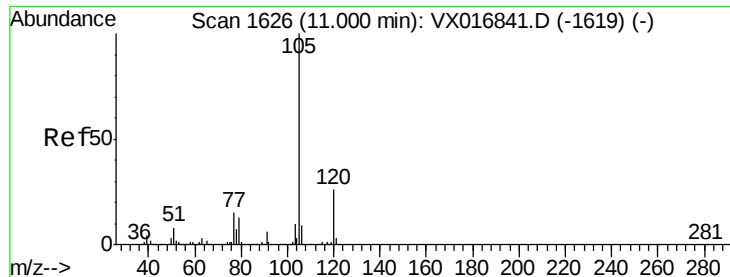
Abundance

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: 20.811 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion:105 Resp: 246223

Ion Ratio Lower Upper

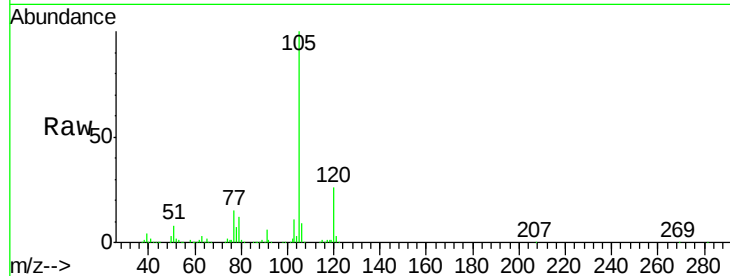
105 100

120 26.6 13.2 39.6

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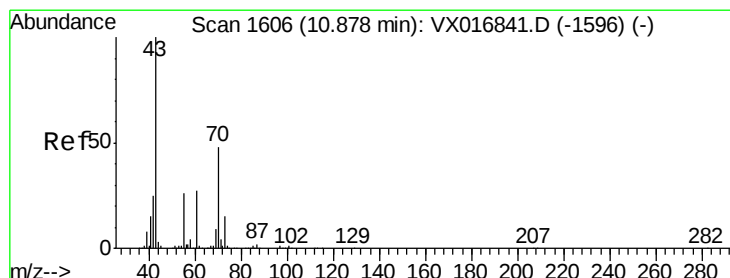
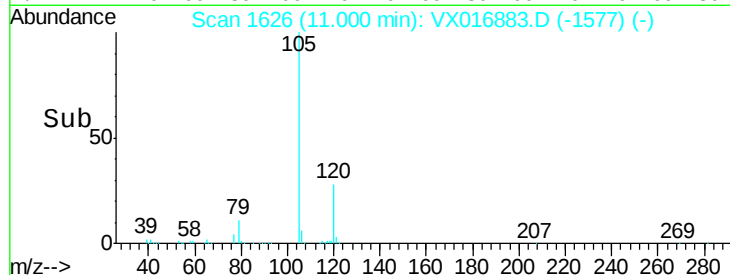
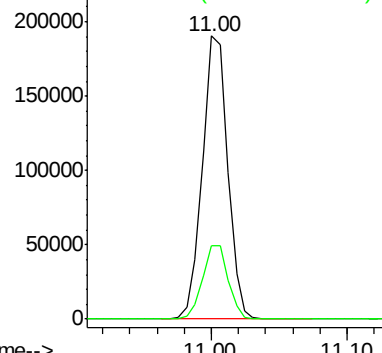
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.531 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Tgt Ion: 43 Resp: 88955

Ion Ratio Lower Upper

43 100

70 49.8 39.9 59.9

55 27.2 21.8 32.6

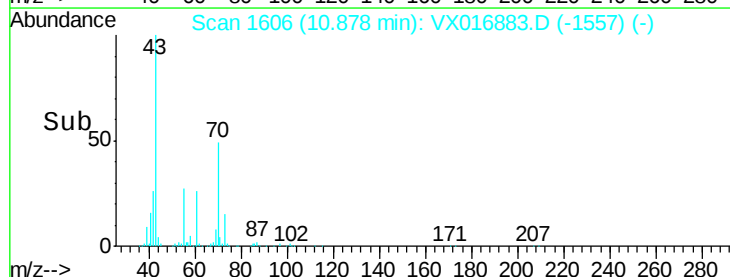
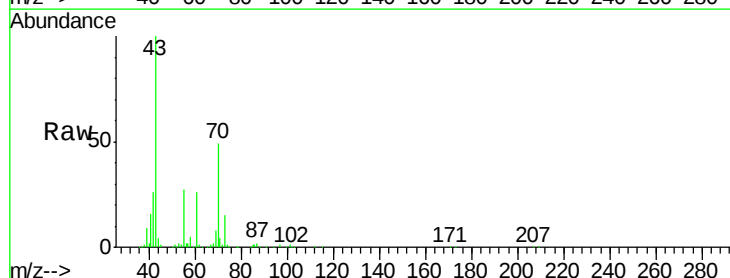
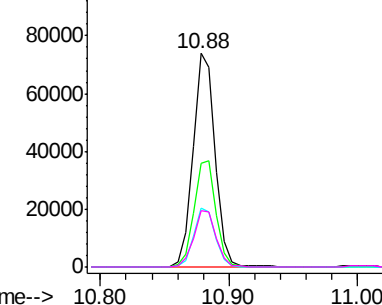
61 26.9 22.2 33.4

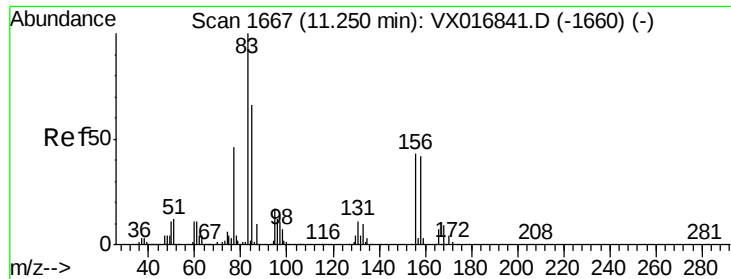
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 26.448 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

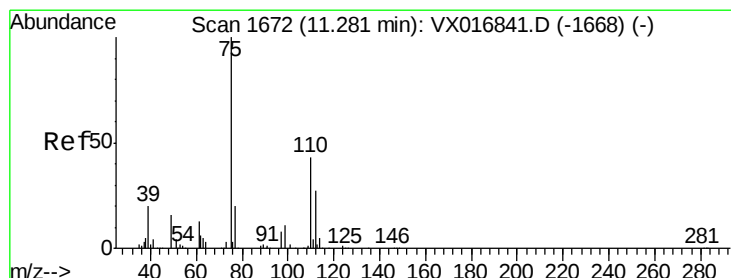
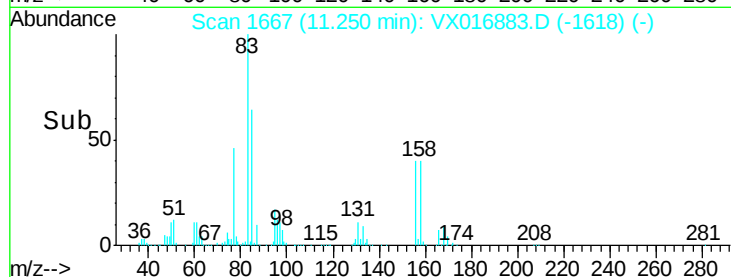
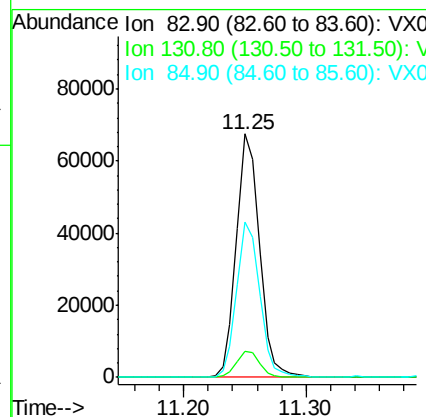
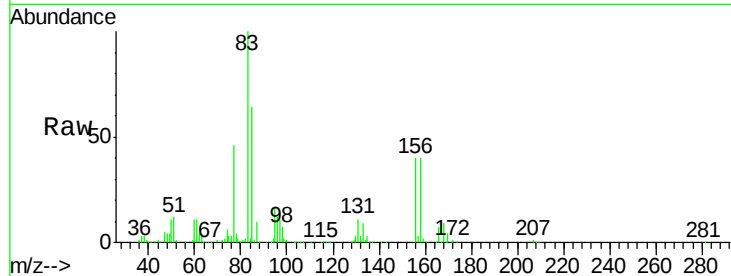
ClientSampleId :

VX0619WBSD01

| Tot Ion   | 83   | Resp  | 88361 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 10.8 | 5.7   | 17.1  |
| 85        | 64.2 | 32.6  | 97.8  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 22.255 ug/l m

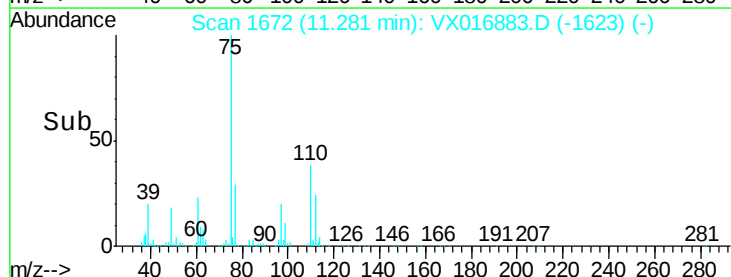
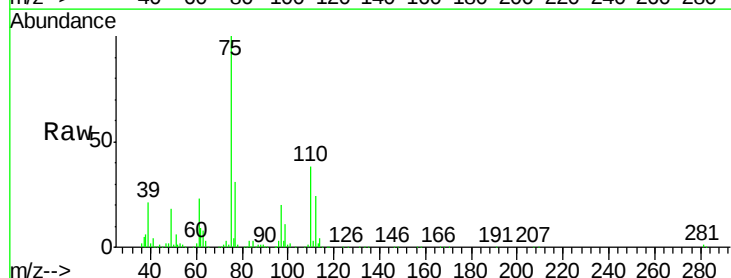
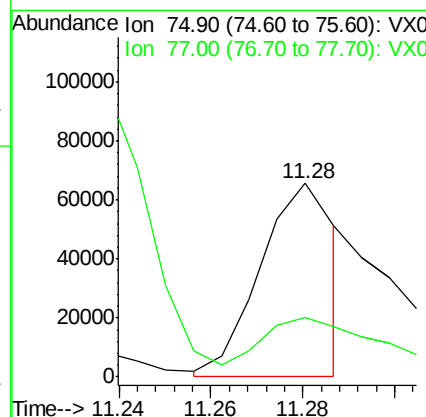
RT: 11.28 min Scan# 1672

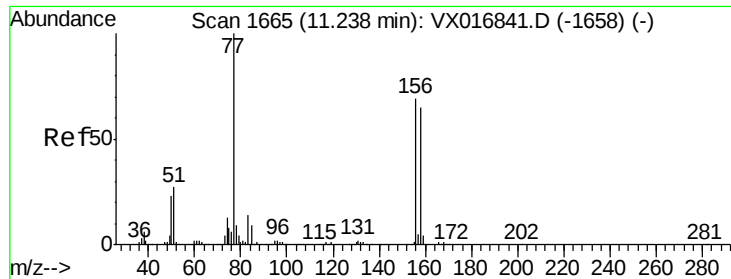
Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

| Tgt Ion   | 75   | Resp  | 74691 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 49.0 | 20.5  | 61.5  |





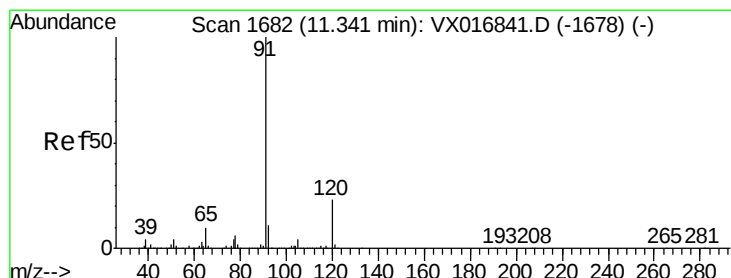
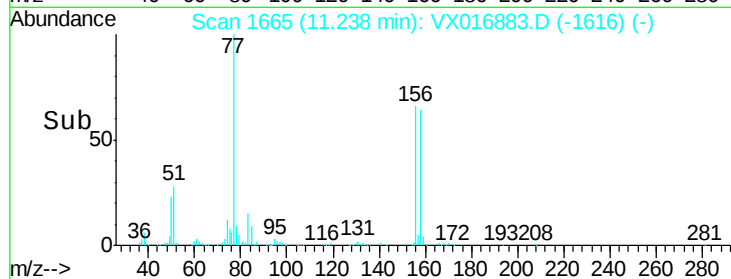
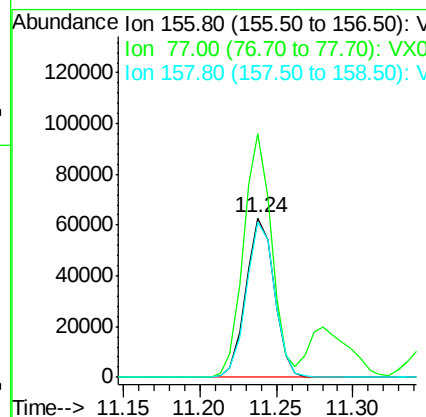
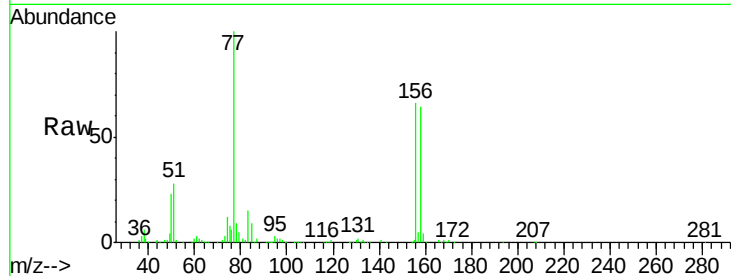
#77  
Bromobenzene  
Concen: 25.013 ug/l  
RT: 11.24 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 151.6 | 73.4  | 220.2 |
| 158     | 97.4  | 48.8  | 146.3 |

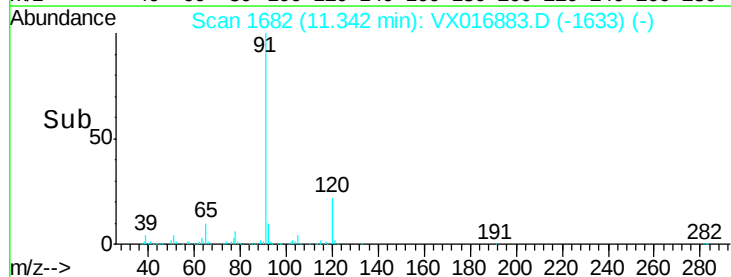
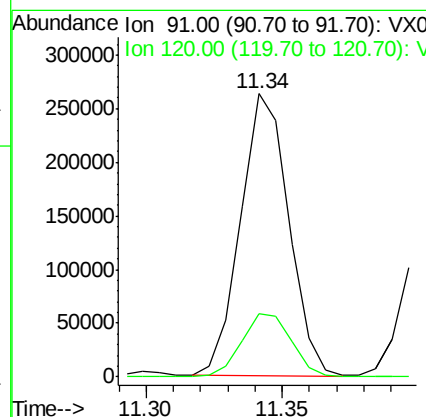
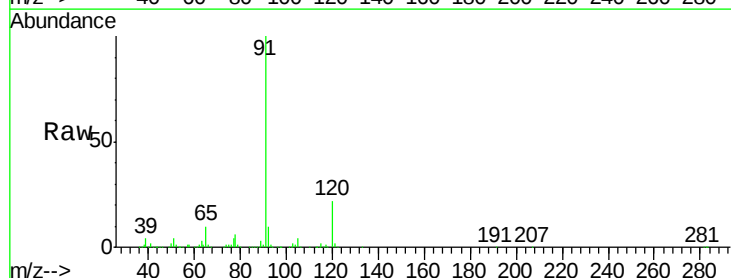
Manual Integrations  
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#78  
n-propylbenzene  
Concen: 24.411 ug/l  
RT: 11.34 min Scan# 1682  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.3  | 11.9  | 35.5  |





#79

2-Chlorotoluene

Concen: 24.427 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion: 91 Resp: 197347

Ion Ratio Lower Upper

91 100

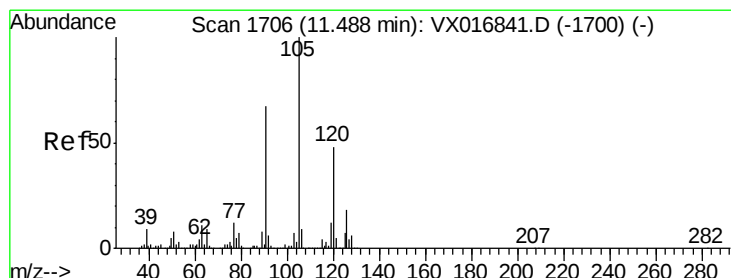
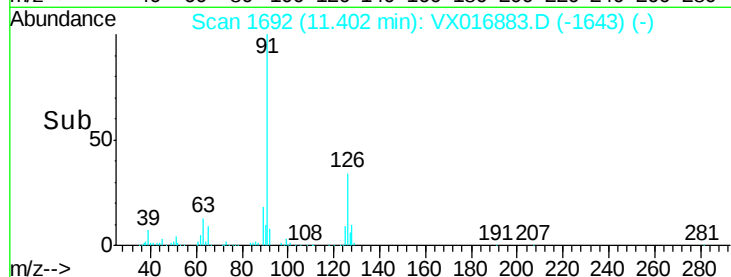
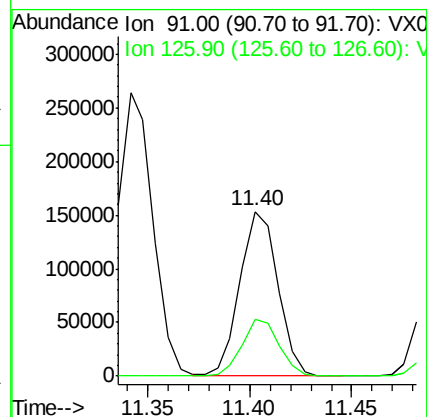
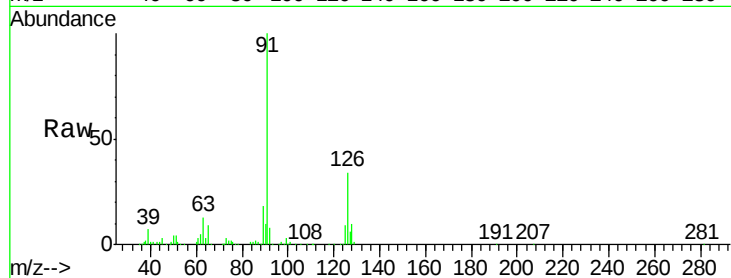
126 34.2 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 23.490 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016883.D

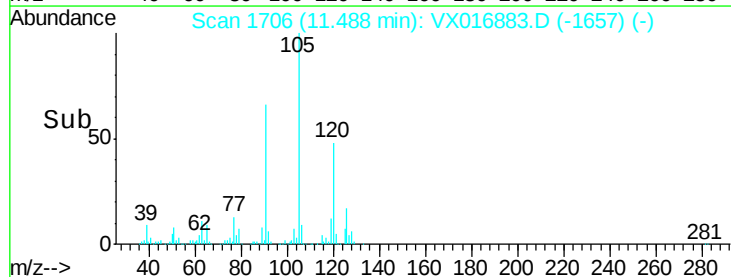
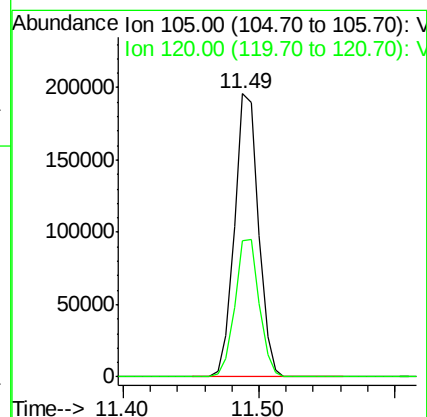
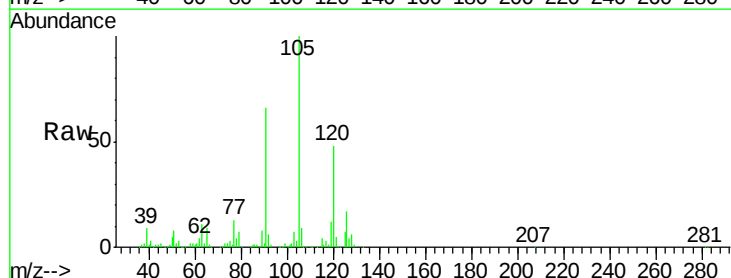
Acq: 19 Jun 2020 16:37

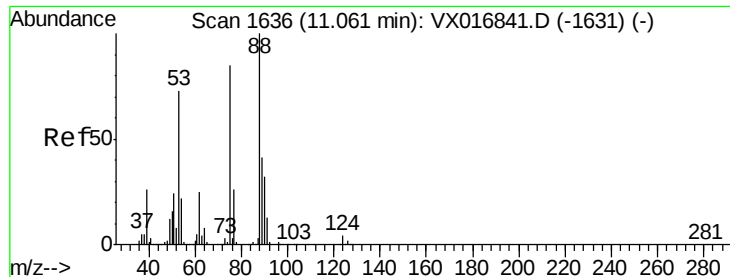
Tgt Ion: 105 Resp: 239799

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.272 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

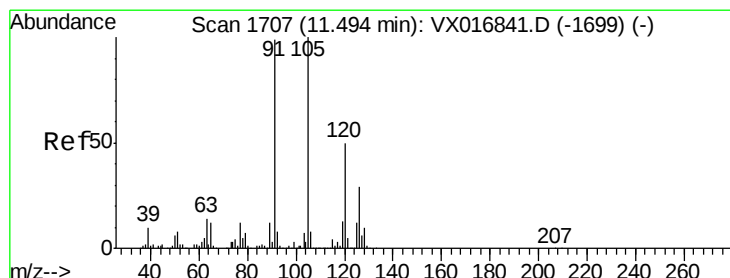
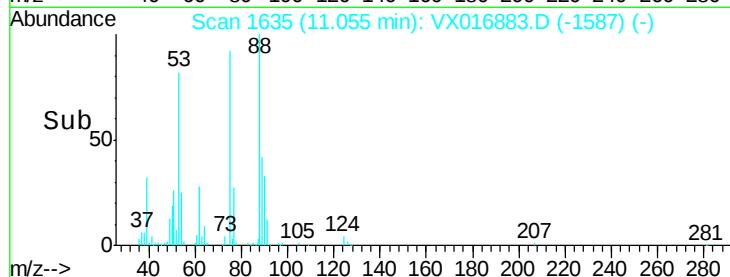
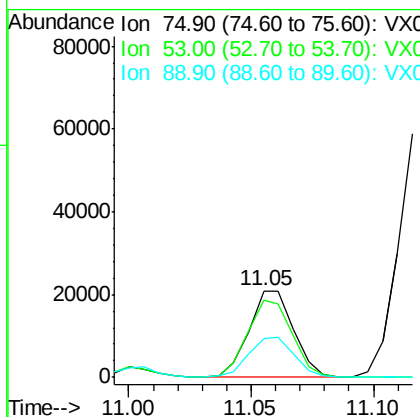
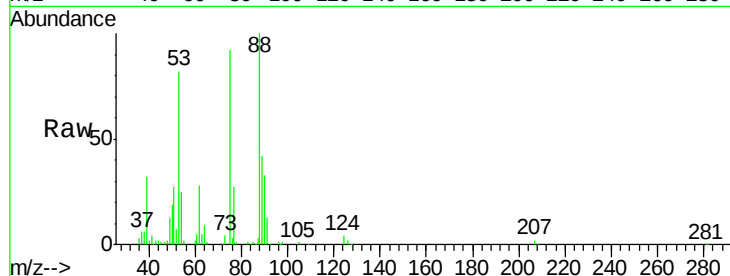
ClientSampleId :

VX0619WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 26412 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 90.9  | 69.8  | 104.8 |
| 89        | 48.2  | 38.3  | 57.5  |

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#82

4-Chlorotoluene

Concen: 22.777 ug/l

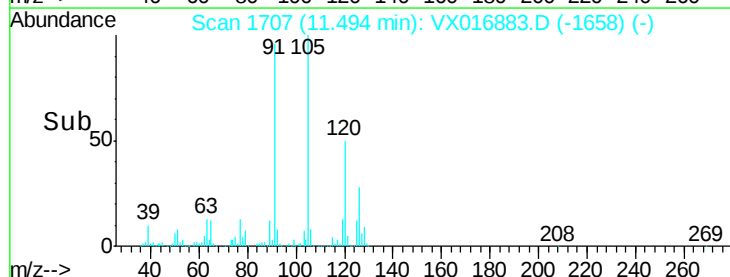
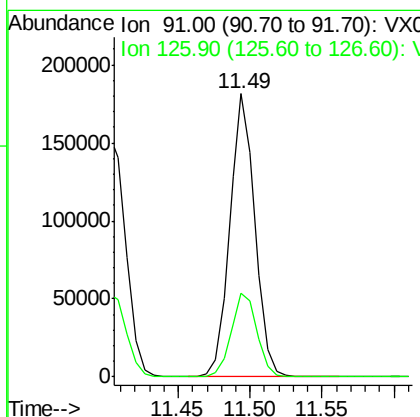
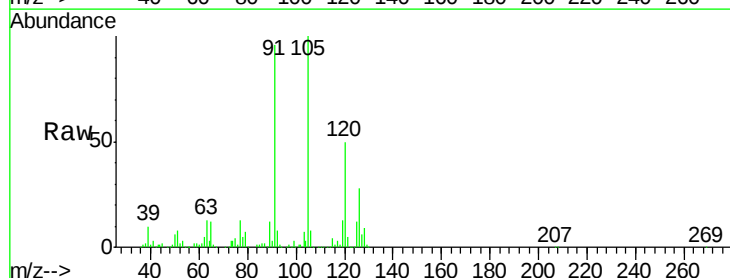
RT: 11.49 min Scan# 1707

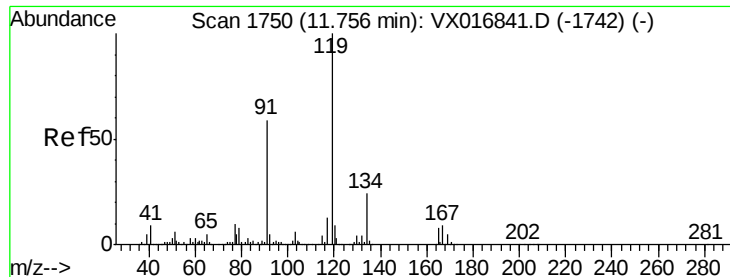
Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 220758 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 30.5  | 15.0  | 45.0   |





#83

tert-Butylbenzene

Concen: 19.581 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

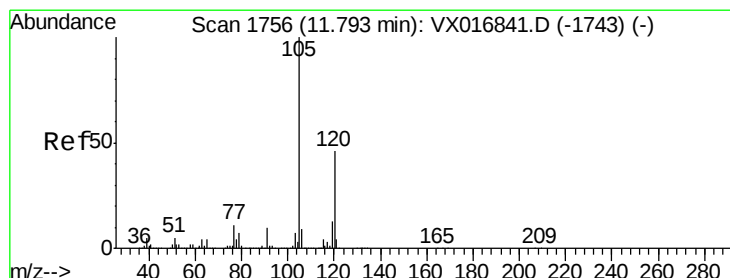
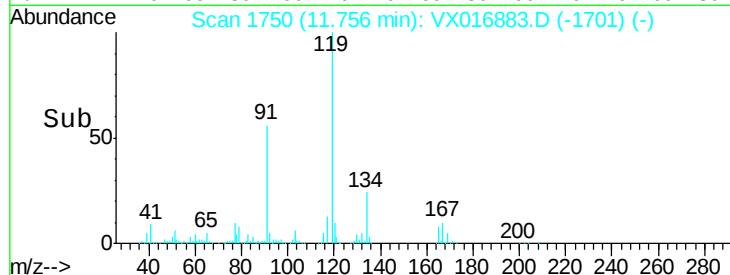
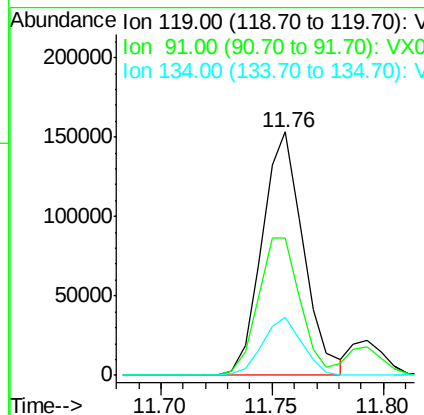
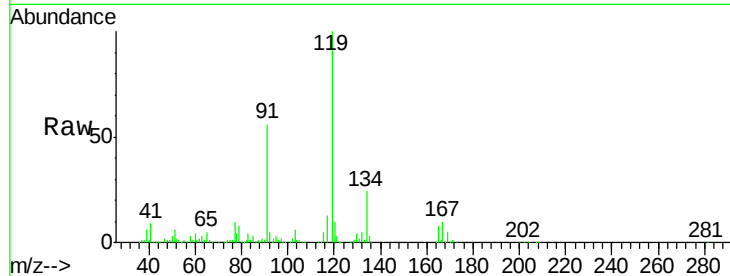
ClientSampleId :

VX0619WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 197775 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 57.4  | 28.5  | 85.5   |
| 134       | 22.9  | 11.7  | 35.1   |

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#84

1,2,4-Trimethylbenzene

Concen: 20.540 ug/l

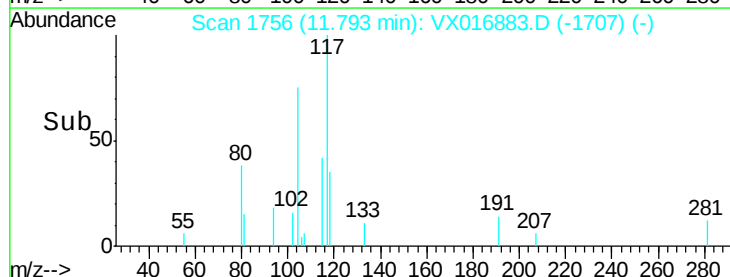
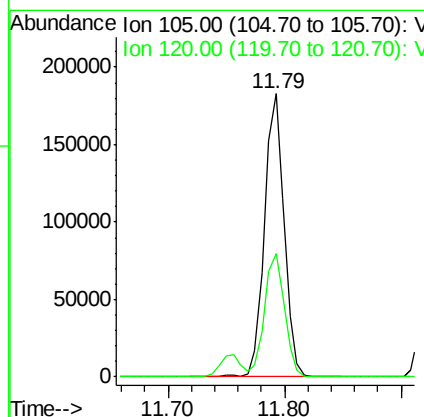
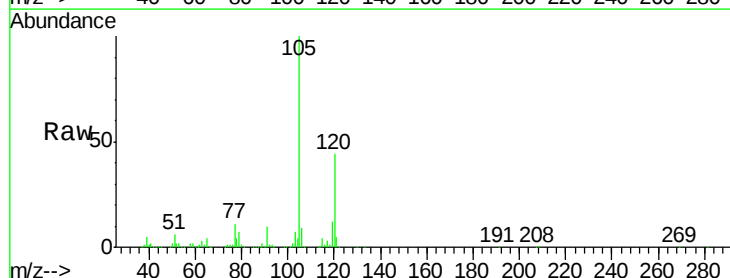
RT: 11.79 min Scan# 1756

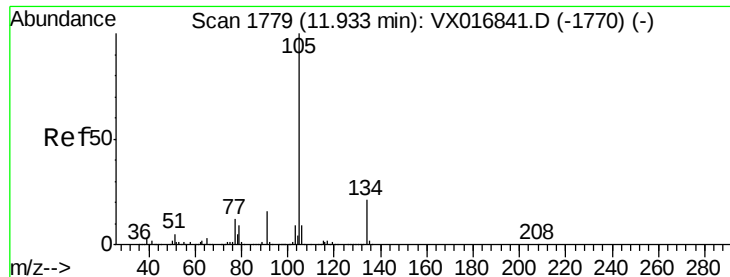
Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 215997 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.5  | 22.3  | 66.9   |





#85

sec-Butylbenzene

Concen: 19.711 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

Instrument :

MSVOA\_X

ClientSampleId :

VX0619WBSD01

Tot Ion:105 Resp: 231222

Ion Ratio Lower Upper

105 100

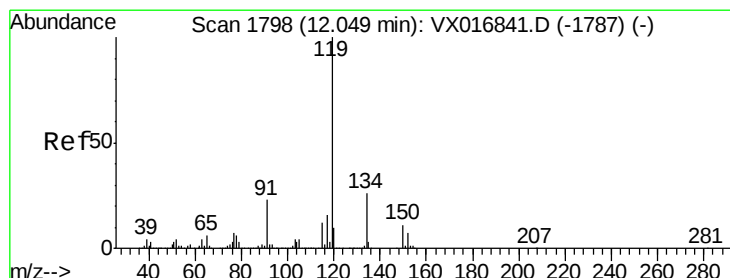
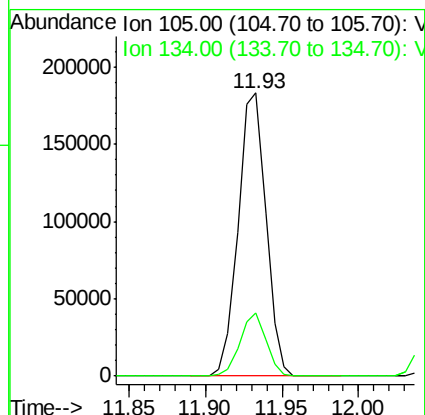
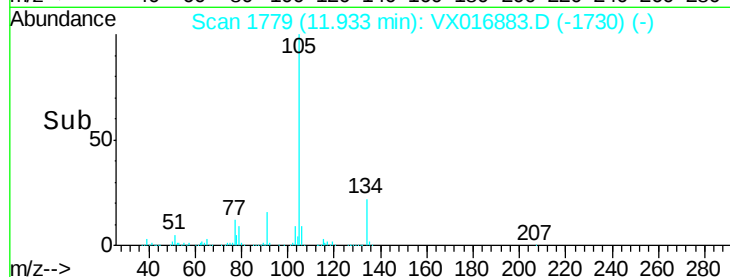
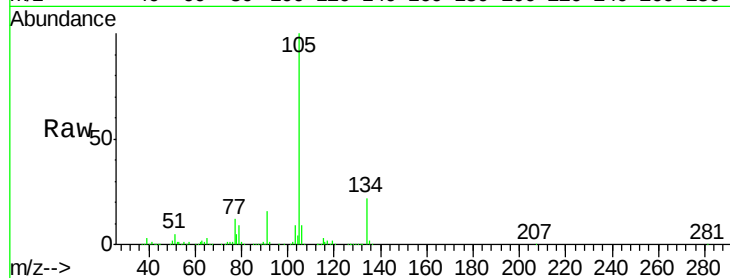
134 21.2 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.891 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016883.D

Acq: 19 Jun 2020 16:37

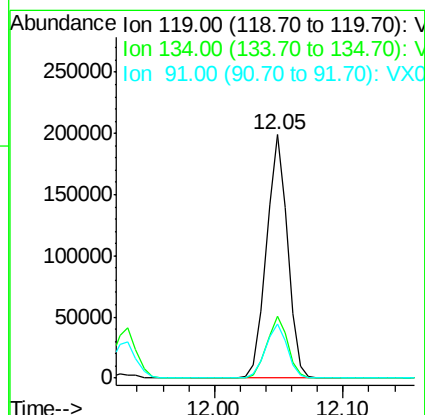
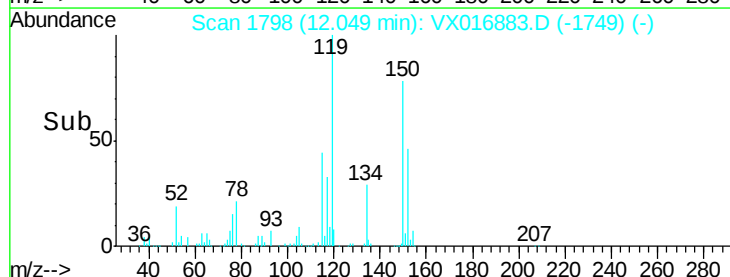
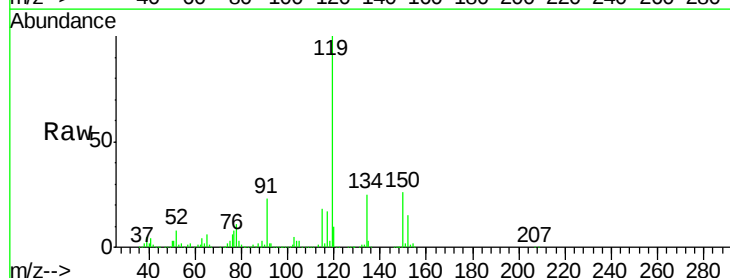
Tgt Ion:119 Resp: 224529

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 23.2 11.6 34.8





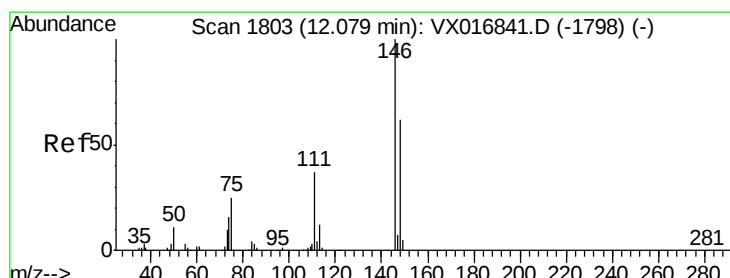
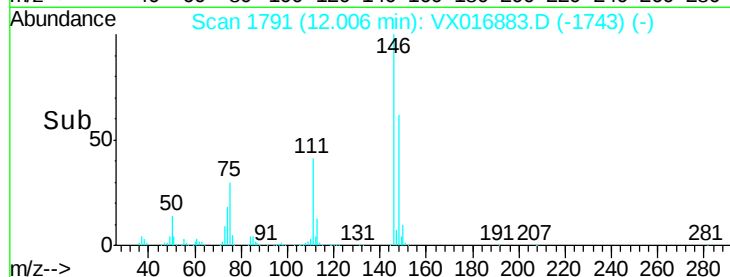
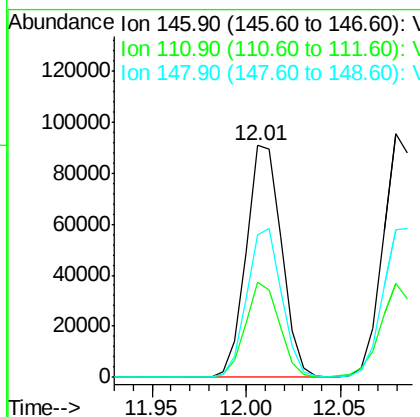
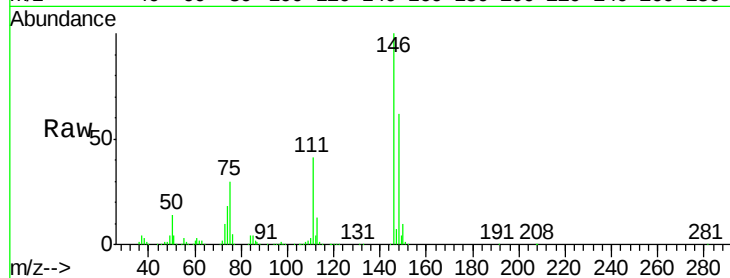
#87  
 1,3-Dichlorobenzene  
 Concen: 20.025 ug/l  
 RT: 12.01 min Scan# 1791  
 Delta R.T. -0.01 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.4  | 58.2  |
| 148     | 63.1  | 31.8  | 95.3  |

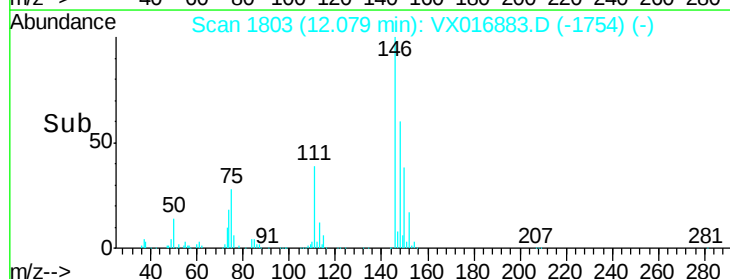
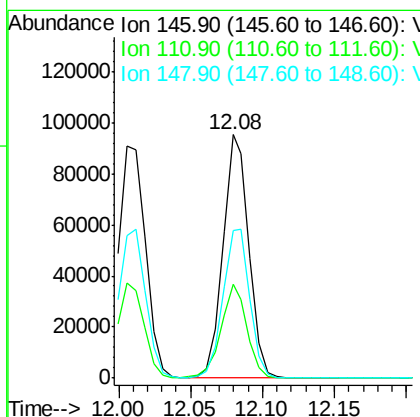
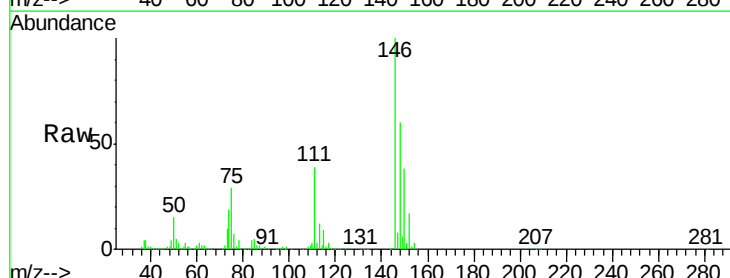
Manual Integrations  
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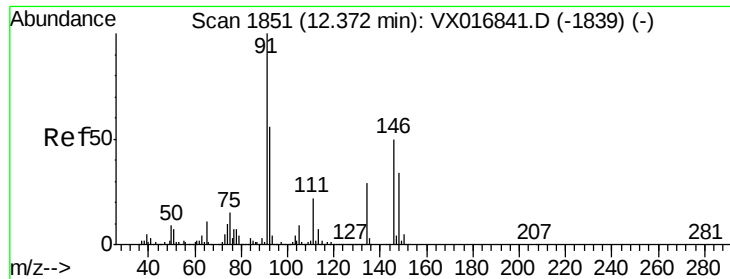
MMDadoda  
 6/22/2020 12:23:04 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.078 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.0  | 57.0  |
| 148     | 63.8  | 31.6  | 95.0  |





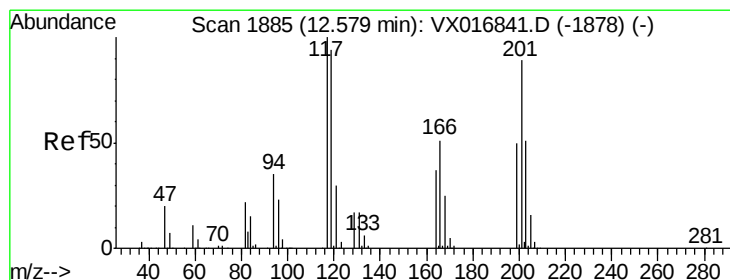
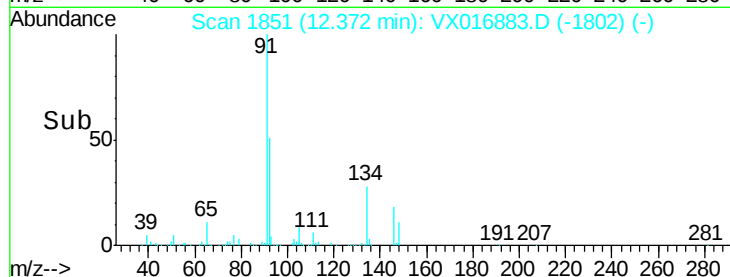
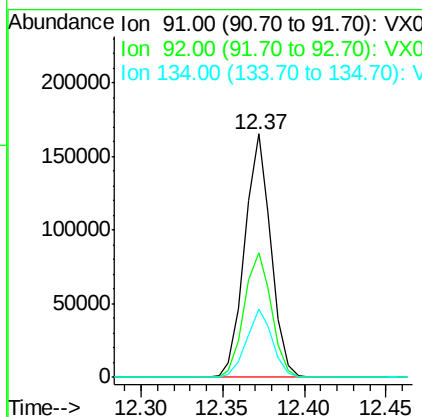
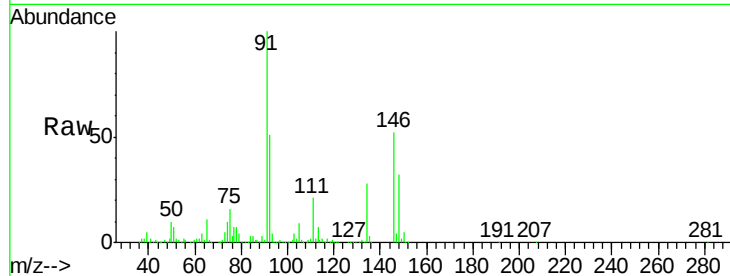
#89  
n-Butylbenzene  
Concen: 20.043 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.5  | 27.4  | 82.2  |
| 134     | 27.7  | 13.9  | 41.6  |

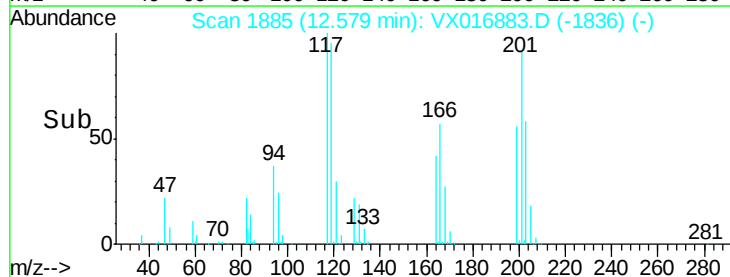
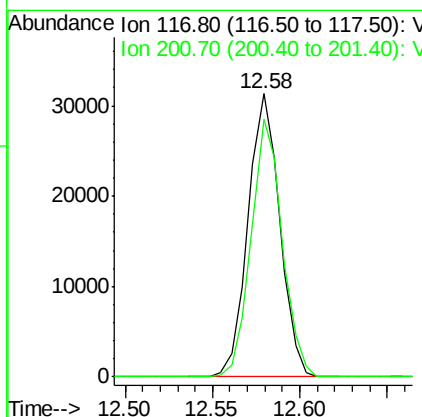
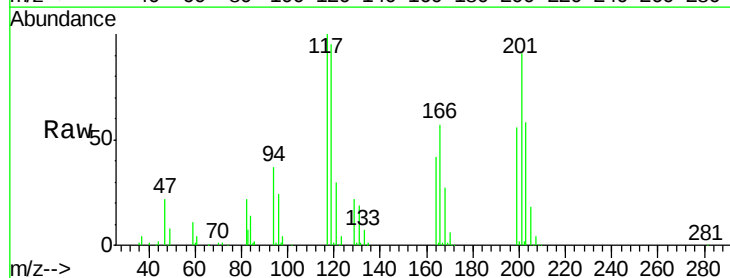
Manual Integrations  
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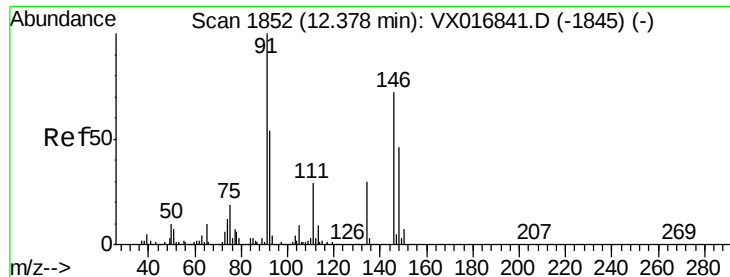
MMDadoda  
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#90  
Hexachloroethane  
Concen: 20.357 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.1  | 44.9  | 134.5 |





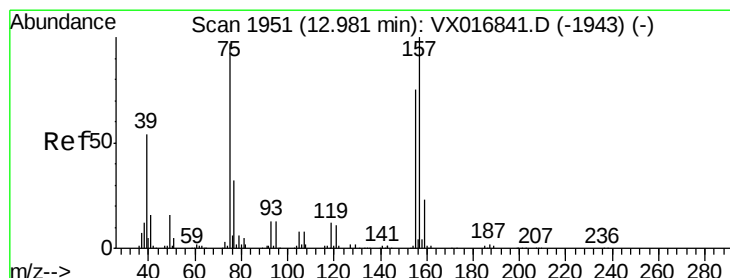
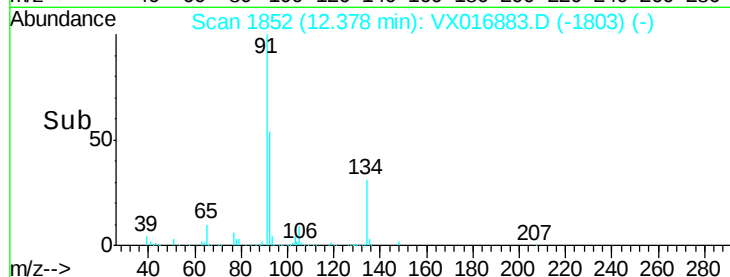
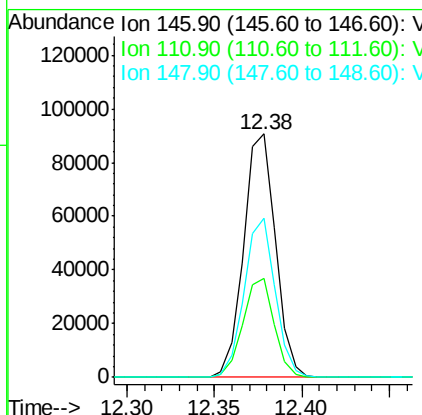
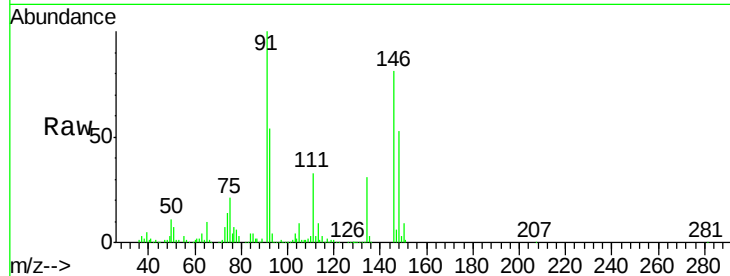
#91  
 1,2-Dichlorobenzene  
 Concen: 20.159 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0619WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.1  | 20.9  | 62.7  |
| 148     | 63.7  | 32.9  | 98.6  |

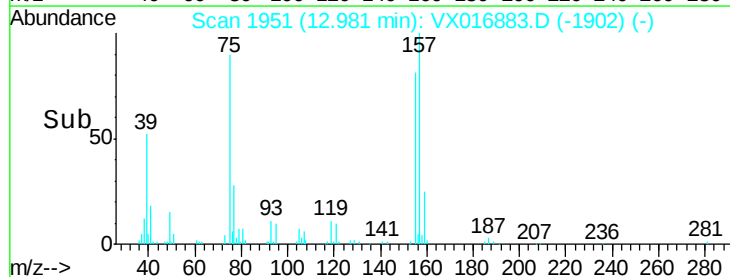
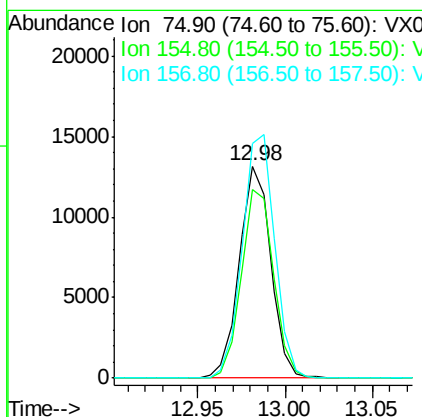
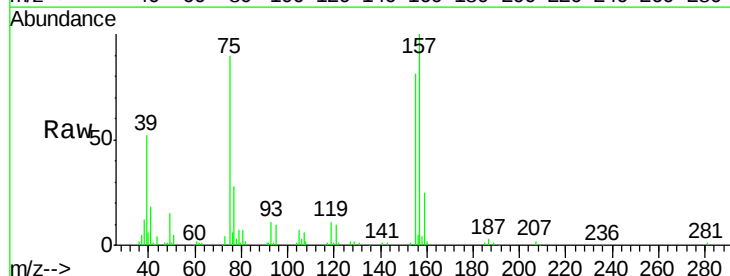
Manual Integrations  
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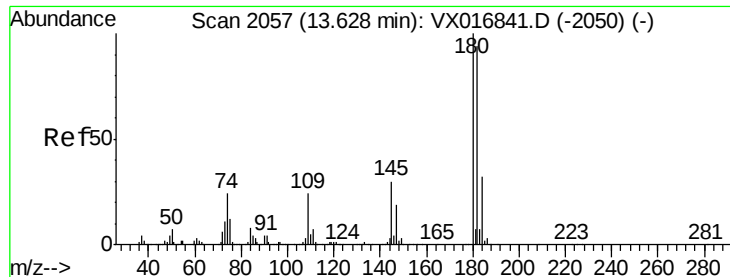
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.731 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.3  | 46.4  | 139.1 |
| 157     | 118.7 | 58.6  | 175.8 |





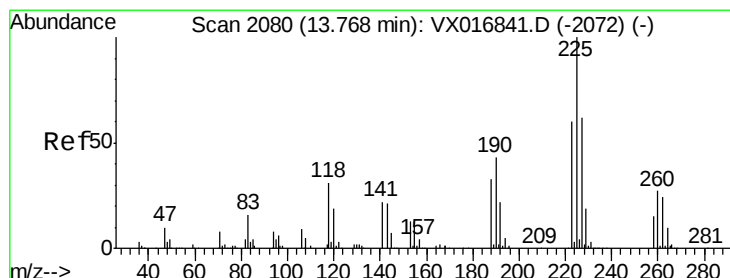
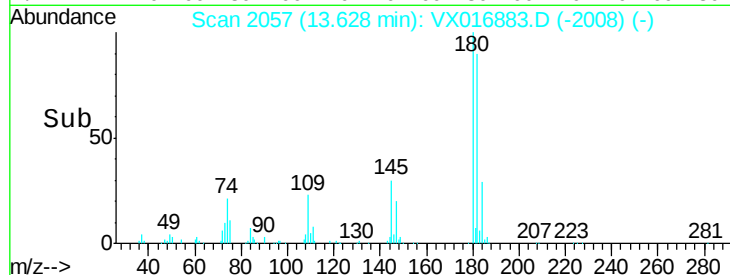
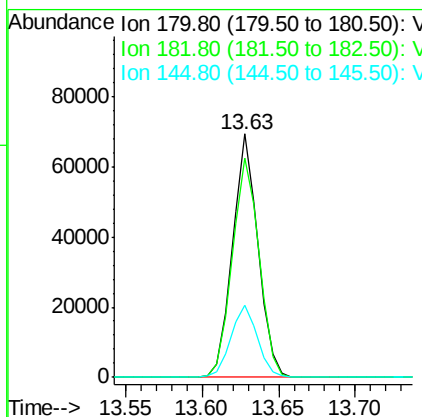
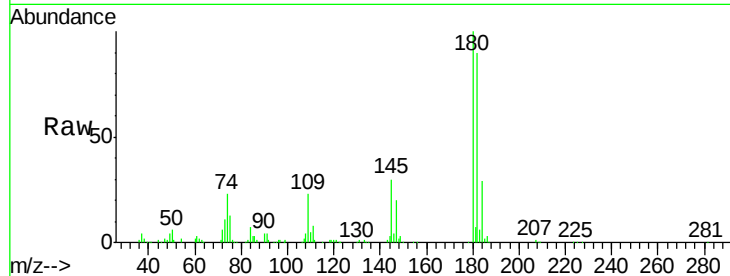
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.934 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0619WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 80000 |       |       |
| 182     | 94.4  | 47.7  | 143.1 |       |
| 145     | 30.7  | 15.0  | 45.1  |       |

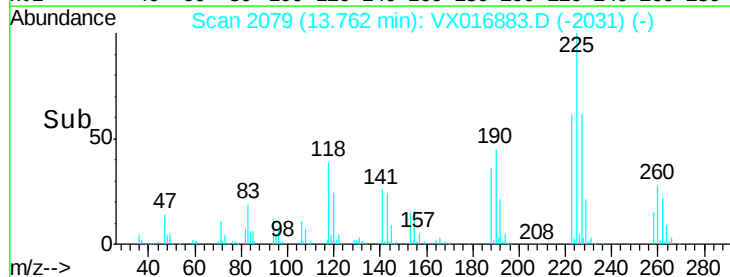
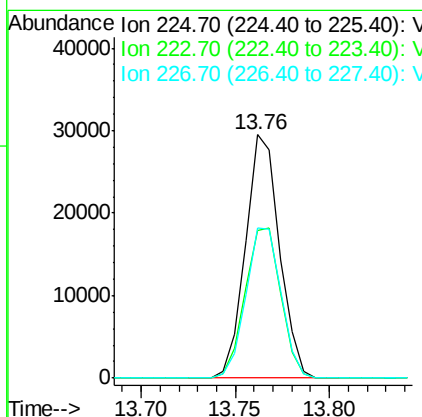
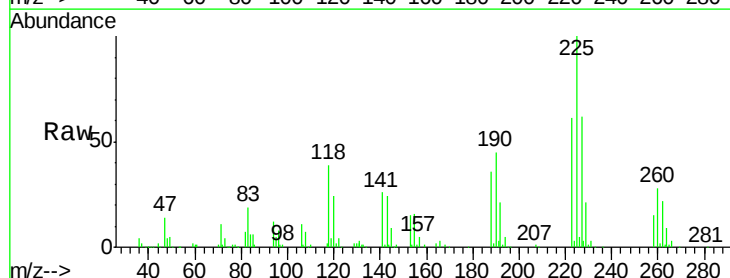
Manual Integrations  
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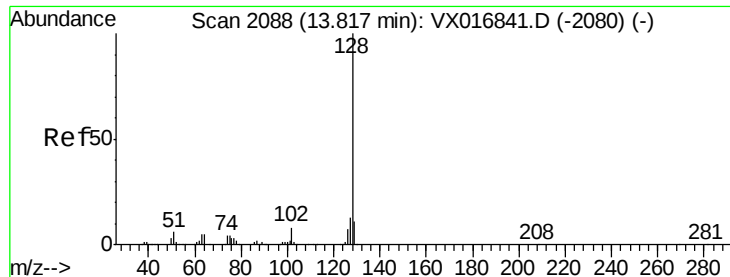
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 21.340 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: VX016883.D  
 Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 36801 |       |       |
| 223     | 65.3  | 32.1  | 96.5  |       |
| 227     | 64.0  | 32.3  | 96.8  |       |





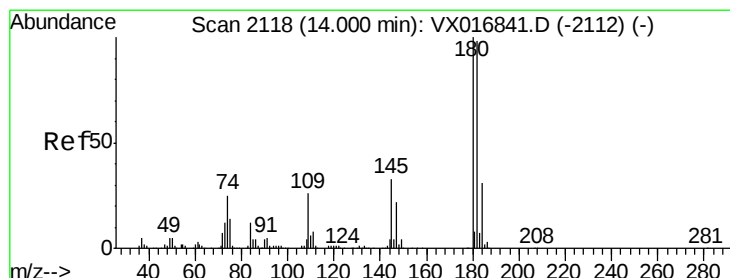
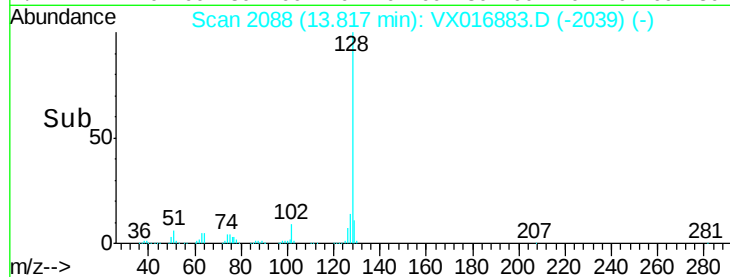
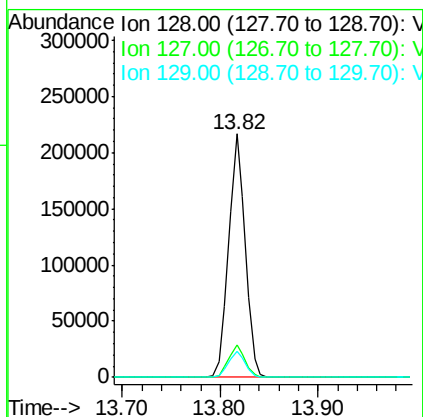
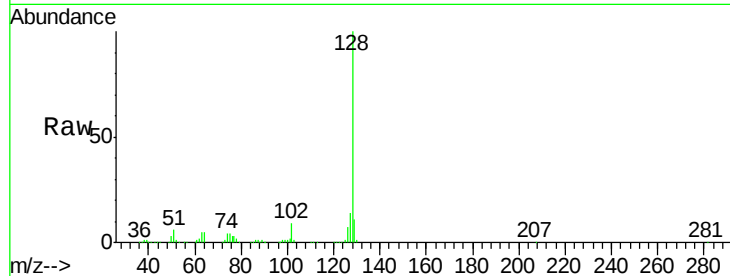
#95  
Naphthalene  
Concen: 22.754 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0619WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 255292 |       |       |
| 127     | 13.3  |        | 10.4  | 15.6  |
| 129     | 10.8  |        | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.775 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: VX016883.D  
Acq: 19 Jun 2020 16:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 79177 |       |       |
| 182     | 93.0  |       | 47.4  | 142.3 |
| 145     | 32.4  |       | 16.0  | 48.0  |

