

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\  
 Data File : VX016933.D  
 Acq On : 23 Jun 2020 16:31  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2020 10:54:32 AM

Quant Time: Jun 24 00:22:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062320W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 00:11:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 196478   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 367205   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 276167   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 160299   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65   | 17698    | 5.70 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 11.40% |          |
| 35) Dibromofluoromethane    | 5.46   | 113  | 13064    | 5.20 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 10.40% |          |
| 50) Toluene-d8              | 8.70   | 98   | 45545    | 5.14 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 10.28% |          |
| 62) 4-Bromofluorobenzene    | 11.12  | 95   | 18533    | 5.19 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 10.38% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 9026     | 3.939  | ug/l   | 96     |
| 3) Chloromethane              | 1.32 | 50   | 10437    | 4.839  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 9720     | 4.507  | ug/l   | 97     |
| 5) Bromomethane               | 1.62 | 94   | 5617     | 4.843  | ug/l   | 94     |
| 6) Chloroethane               | 1.71 | 64   | 7419     | 4.750  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 17060    | 4.485  | ug/l   | 94     |
| 8) Diethyl Ether              | 2.17 | 74   | 7020     | 4.853  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 9710     | 4.577  | ug/l   | 96     |
| 10) Methyl Iodide             | 2.49 | 142  | 10898    | 3.982  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.02 | 59   | 16187    | 24.812 | ug/l # | 94     |
| 12) 1,1-Dichloroethene        | 2.35 | 96   | 9515     | 4.764  | ug/l   | 85     |
| 13) Acrolein                  | 2.28 | 56   | 5620     | 16.348 | ug/l   | 90     |
| 14) Allyl chloride            | 2.70 | 41   | 21973    | 4.808  | ug/l   | 95     |
| 15) Acrylonitrile             | 3.12 | 53   | 34012    | 23.866 | ug/l   | 98     |
| 16) Acetone                   | 2.42 | 43   | 28537    | 24.199 | ug/l   | 96     |
| 17) Carbon Disulfide          | 2.55 | 76   | 30244    | 4.815  | ug/l   | 95     |
| 18) Methyl Acetate            | 2.75 | 43   | 19008    | 4.867  | ug/l   | 95     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 41470    | 4.803  | ug/l   | 96     |
| 20) Methylene Chloride        | 2.84 | 84   | 15008    | 5.102  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 12079    | 4.851  | ug/l   | 98     |
| 22) Diisopropyl ether         | 3.83 | 45   | 33858    | 4.212  | ug/l   | 90     |
| 23) Vinyl Acetate             | 3.79 | 43   | 131965   | 20.325 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 22011    | 4.755  | ug/l   | 98     |
| 25) 2-Butanone                | 4.63 | 43   | 39297    | 21.115 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 4.54 | 77   | 17281    | 4.246  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 12073    | 4.310  | ug/l   | 96     |
| 28) Bromochloromethane        | 4.98 | 49   | 11685    | 4.860  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 5.10 | 42   | 29453    | 25.776 | ug/l   | 96     |
| 30) Chloroform                | 5.18 | 83   | 23772    | 4.874  | ug/l   | 99     |
| 31) Cyclohexane               | 5.54 | 56   | 19161    | 5.195  | ug/l   | 90     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 20724    | 4.847  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 5.77 | 75   | 17001    | 4.855  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.80 | 43   | 15993    | 4.157  | ug/l # | 90     |
| 38) Carbon Tetrachloride      | 5.76 | 117  | 17663    | 4.717  | ug/l   | 94     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\  
 Data File : VX016933.D  
 Acq On : 23 Jun 2020 16:31  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2020 10:54:32 AM

Quant Time: Jun 24 00:22:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062320W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 00:11:13 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 18661    | 4.835  | ug/l   | 96       |
| 40) Benzene                    | 6.12  | 78   | 50281    | 5.011  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.00  | 41   | 10434    | 4.655  | ug/l # | 94       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 20821    | 5.056  | ug/l   | 93       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 33454    | 4.990  | ug/l   | 97       |
| 44) Trichloroethene            | 7.19  | 130  | 11726    | 4.175  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 13325    | 4.794  | ug/l   | 97       |
| 46) Dibromomethane             | 7.64  | 93   | 9443     | 4.915  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.88  | 83   | 18875    | 4.684  | ug/l   | 94       |
| 48) Methyl methacrylate        | 7.74  | 41   | 13540    | 4.344  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 6287     | 93.779 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 93891    | 24.045 | ug/l   | 100      |
| 52) Toluene                    | 8.76  | 92   | 31683    | 5.141  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 21641    | 4.666  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 20037    | 4.477  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 13231    | 4.740  | ug/l   | 92       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 18319    | 4.237  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 23111    | 4.940  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 43994    | 24.841 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 70109    | 23.447 | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.56  | 129  | 11292    | 3.698  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 11041    | 3.842  | ug/l   | 96       |
| 64) Tetrachloroethene          | 9.32  | 164  | 11405    | 6.084  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.12 | 112  | 28633    | 5.076  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 10755    | 4.922  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.23 | 91   | 50950    | 5.051  | ug/l   | 92       |
| 68) m/p-Xylenes                | 10.34 | 106  | 38297    | 10.337 | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 19213    | 5.429  | ug/l   | 92       |
| 70) Styrene                    | 10.69 | 104  | 31464    | 5.224  | ug/l   | 96       |
| 71) Bromoform                  | 10.84 | 173  | 9356     | 5.758  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 56808    | 4.776  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 27423    | 4.607  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 20016    | 5.029  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 19257m   | 4.196  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 14569    | 4.989  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.34 | 91   | 66729    | 4.921  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 41999    | 4.892  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 48411    | 4.833  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 6636     | 4.304  | ug/l # | 86       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 50236    | 4.888  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 46139    | 4.704  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 49315    | 4.955  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 55510    | 5.017  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 49807    | 4.864  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 26547    | 5.054  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 26947    | 5.114  | ug/l   | 91       |
| 89) n-Butylbenzene             | 12.37 | 91   | 45201    | 4.662  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 9685     | 4.814  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 24663    | 4.873  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 3946     | 3.862  | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\  
Data File : VX016933.D  
Acq On : 23 Jun 2020 16:31  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

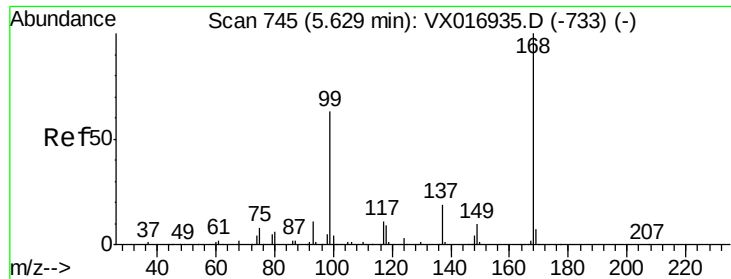
MMDadoda  
6/24/2020 10:54:32 AM

Quant Time: Jun 24 00:22:44 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062320W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 24 00:11:13 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 14674    | 4.438 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 4615     | 4.001 | ug/l  | 94       |
| 95) Naphthalene            | 13.82 | 128  | 41314    | 3.677 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 12277    | 3.839 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 196478

Ion Ratio Lower Upper

168 100

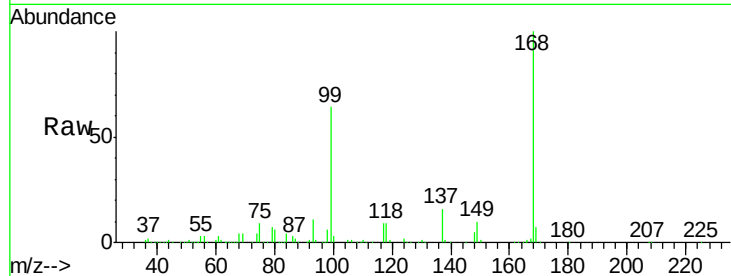
99 64.4 50.6 75.8

Manual Integrations

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6/24/2020 10:54:32 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

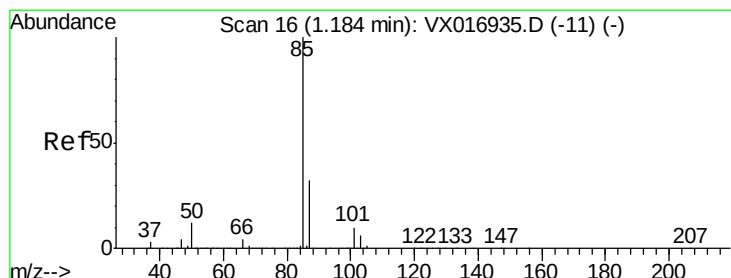
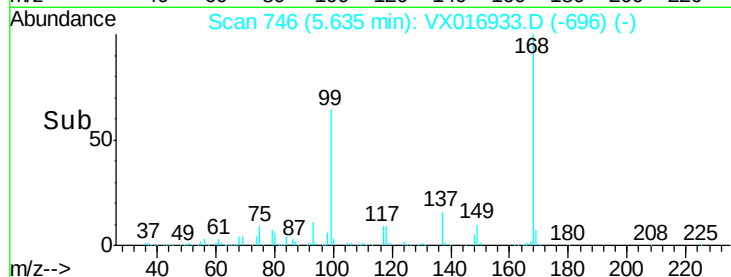
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.939 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016933.D

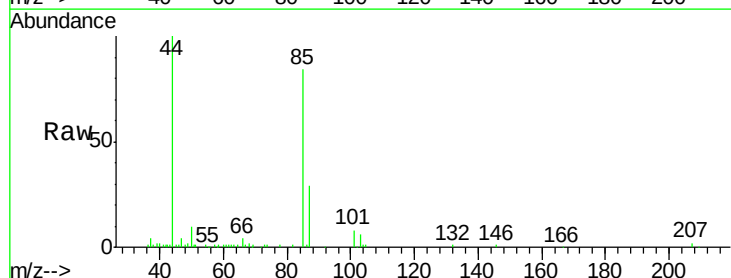
Acq: 23 Jun 2020 16:31

Tgt Ion: 85 Resp: 9026

Ion Ratio Lower Upper

85 100

87 34.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

10000

8000

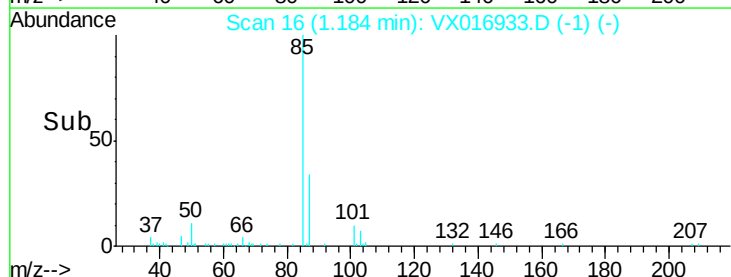
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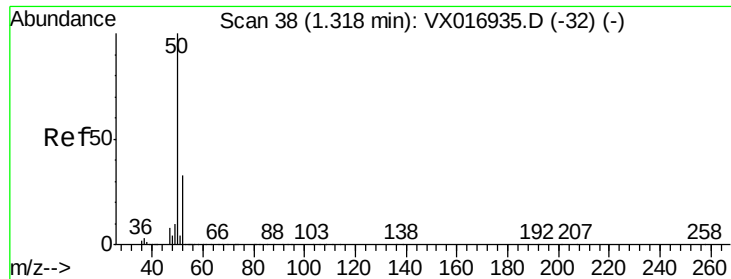
4000

2000

0

Time-->





#3

Chloromethane

Concen: 4.839 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 10437

Ion Ratio Lower Upper

50 100

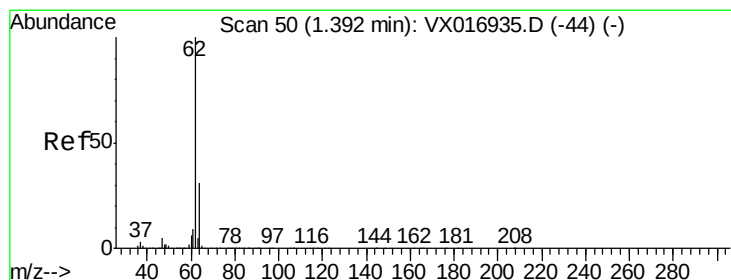
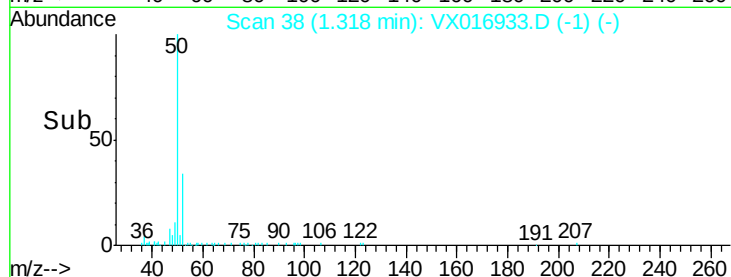
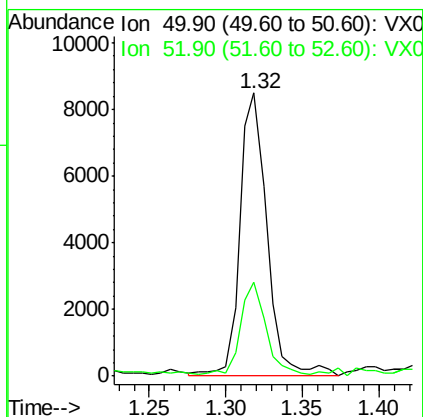
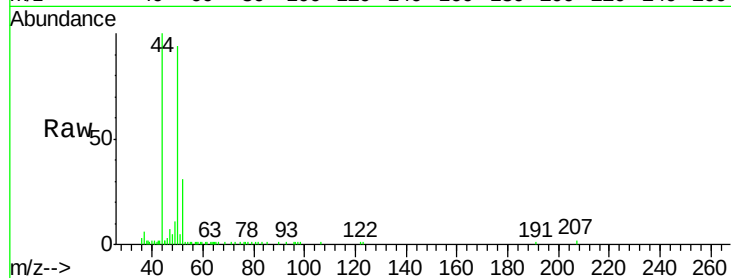
52 32.1 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/24/2020 10:54:32 AM



#4

Vinyl Chloride

Concen: 4.507 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX016933.D

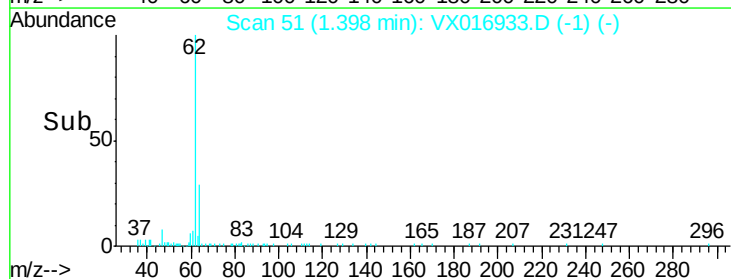
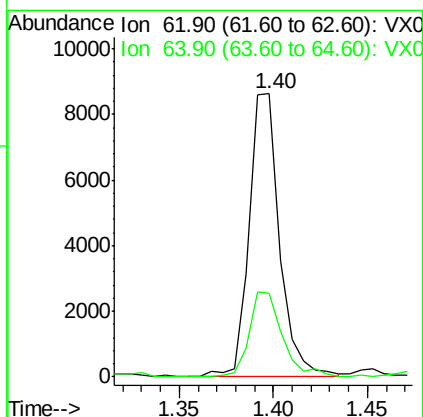
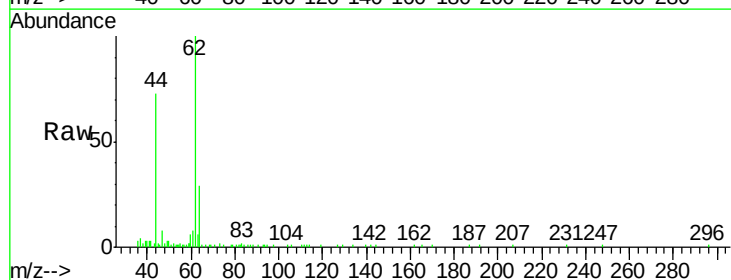
Acq: 23 Jun 2020 16:31

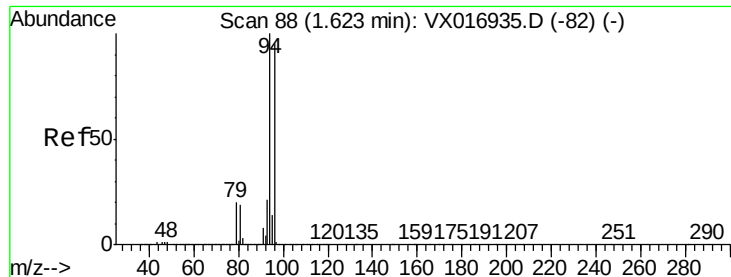
Tgt Ion: 62 Resp: 9720

Ion Ratio Lower Upper

62 100

64 29.4 25.0 37.4





#5

Bromomethane

Concen: 4.843 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 5617

Ion Ratio Lower Upper

94 100

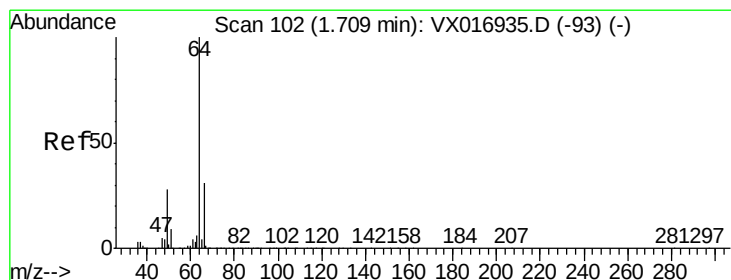
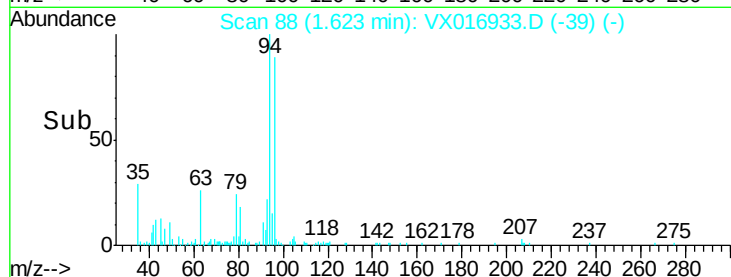
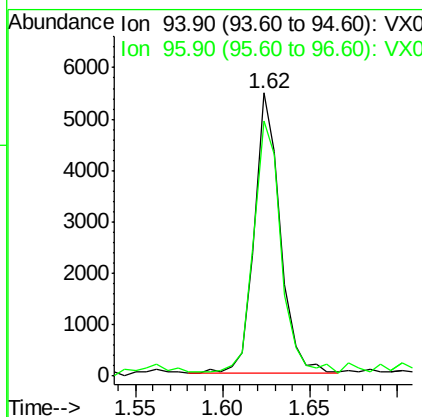
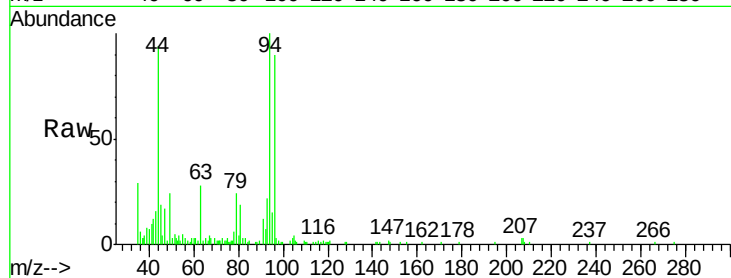
96 89.3 75.9 113.9

Manual Integrations

APPROVED

MMDadoda

6/24/2020 10:54:32 AM



#6

Chloroethane

Concen: 4.750 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016933.D

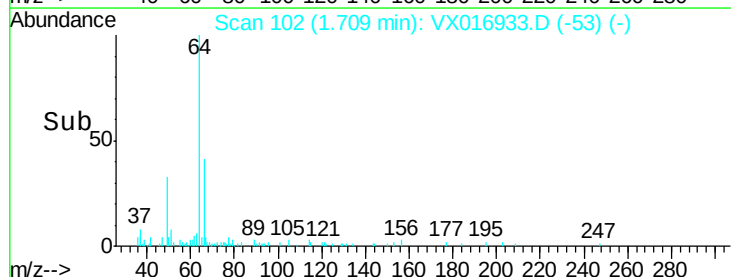
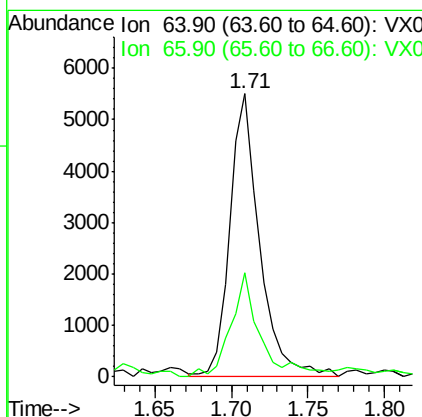
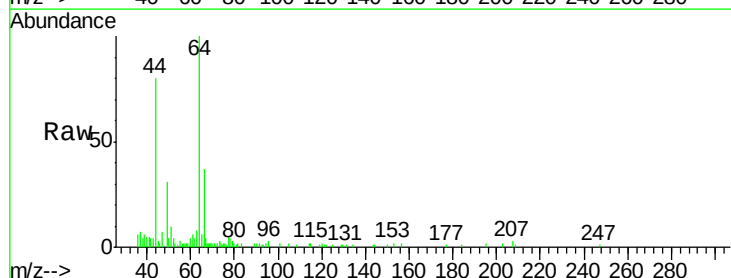
Acq: 23 Jun 2020 16:31

Tgt Ion: 64 Resp: 7419

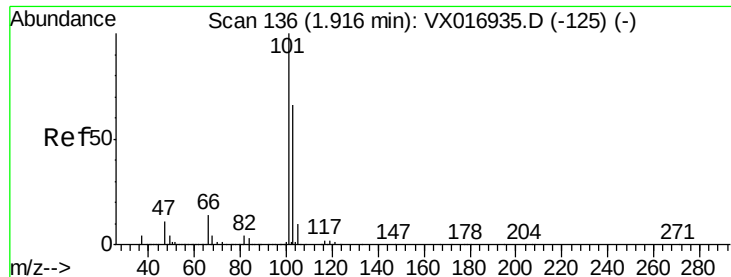
Ion Ratio Lower Upper

64 100

66 35.6 25.0 37.6







#7

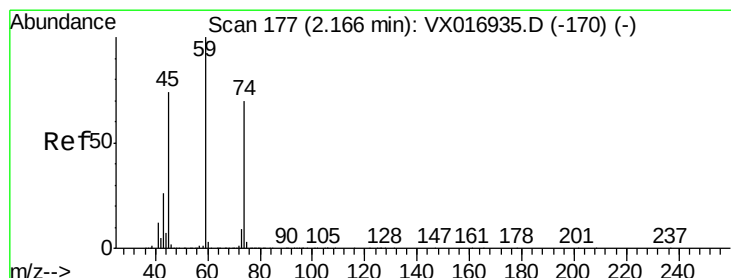
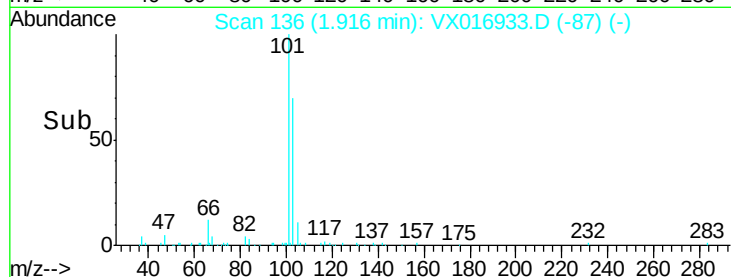
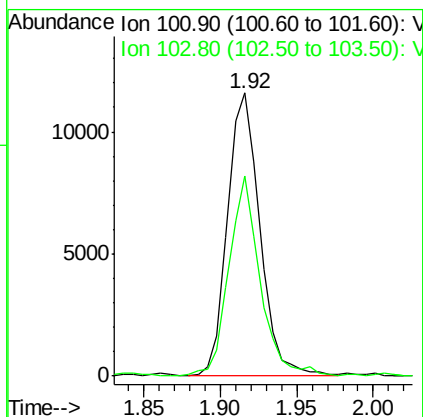
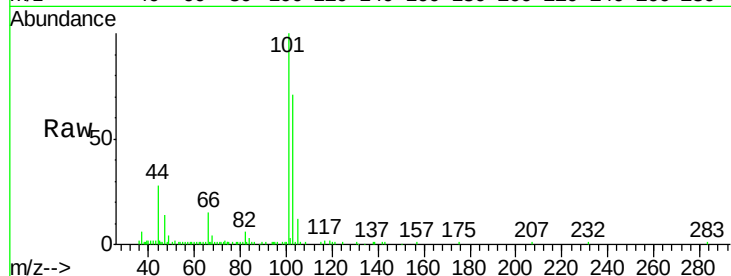
Trichlorofluoromethane  
Concen: 4.485 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 70.6  | 53.0  | 79.4  |

Manual Integrations  
APPROVED

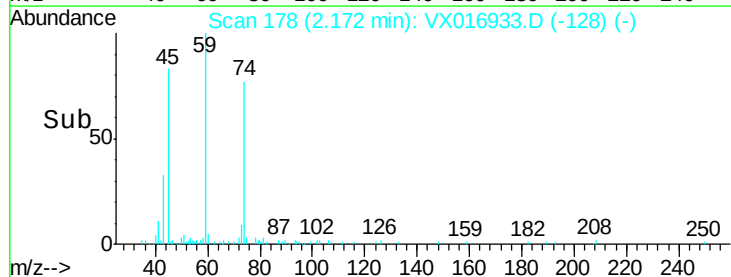
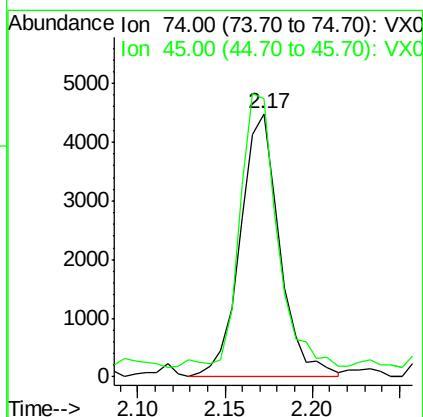
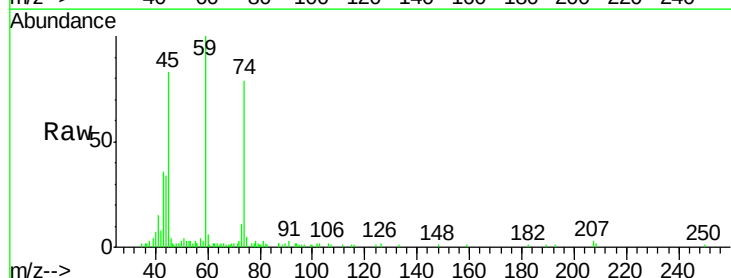
MMDadoda  
6/24/2020 10:54:32 AM



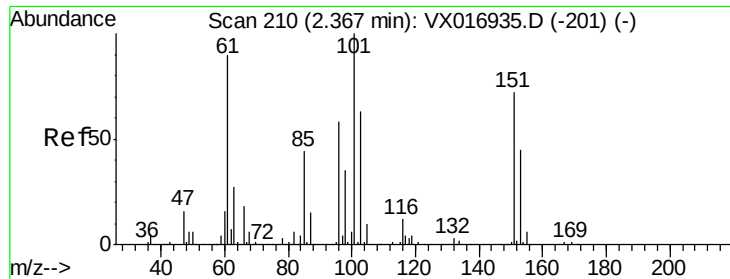
#8

Diethyl Ether  
Concen: 4.853 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.5  | 52.6  | 157.8 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.577 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

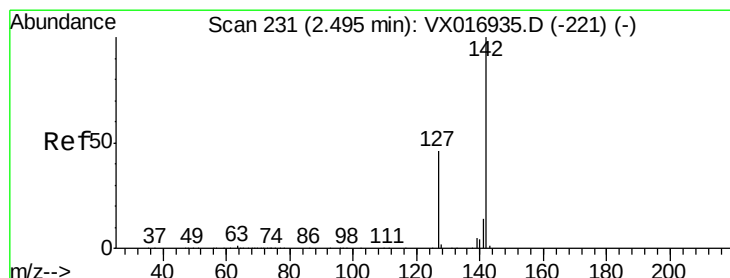
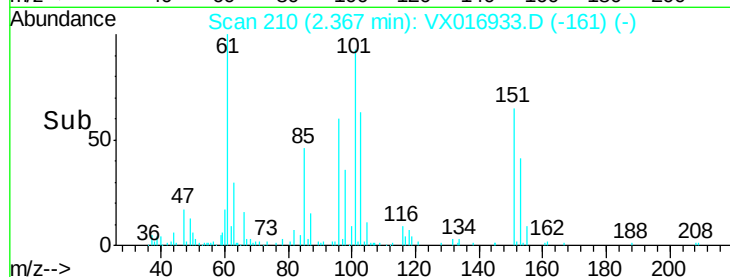
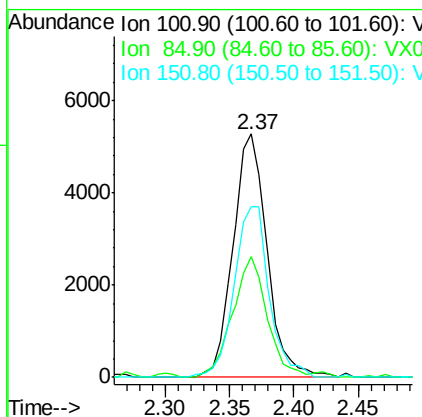
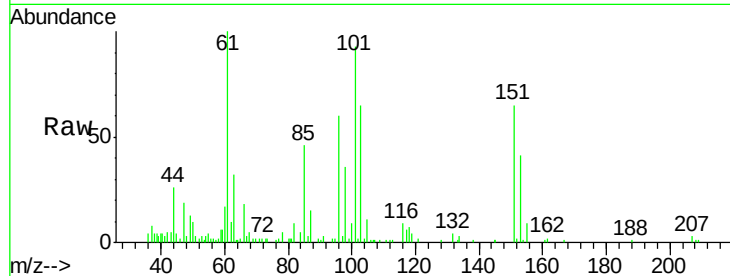
ClientSampleId :

VSTDIC005

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 101   | Resp: | 9710 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 51.3  | 36.9  | 55.3 |
| 151       | 72.1  | 58.4  | 87.6 |

Manual Integrations  
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#10

Methyl Iodide

Concen: 3.982 ug/l

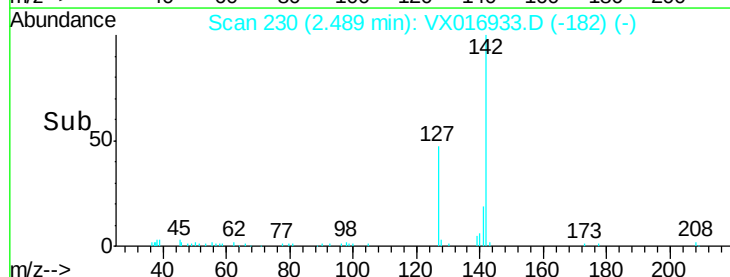
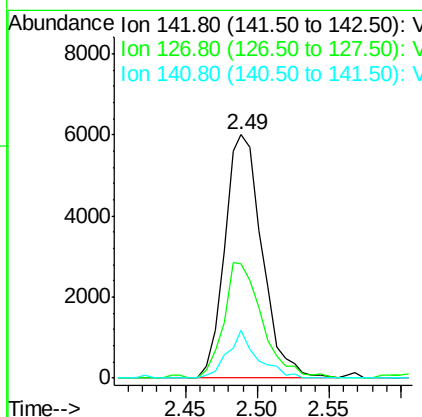
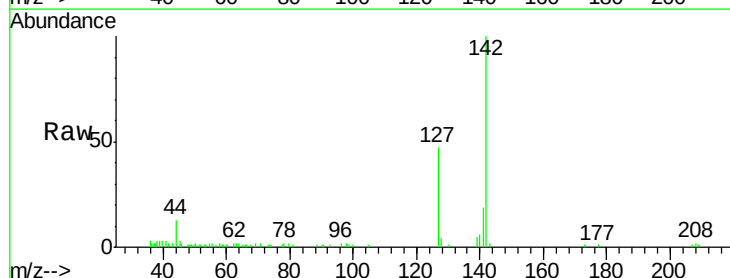
RT: 2.49 min Scan# 230

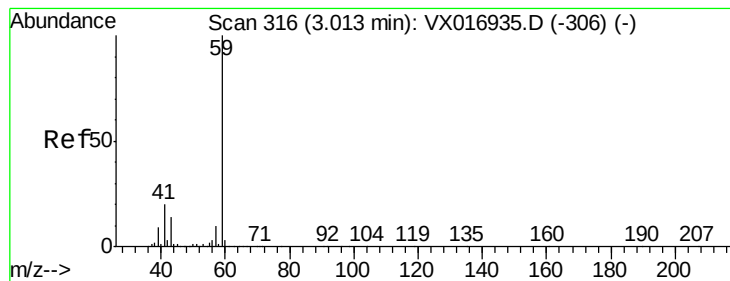
Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 10898 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 48.3  | 38.3  | 57.5  |
| 141       | 15.7  | 11.9  | 17.9  |





#11

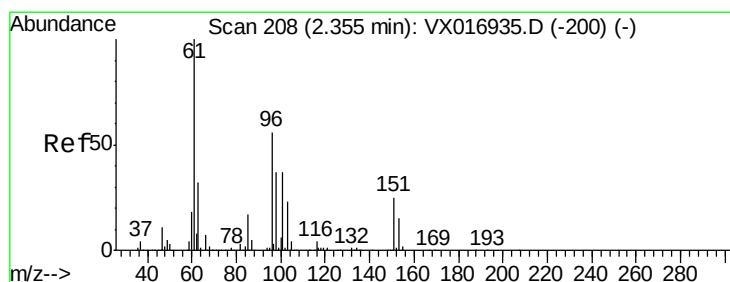
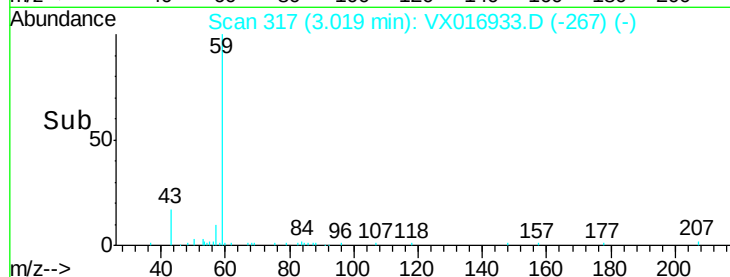
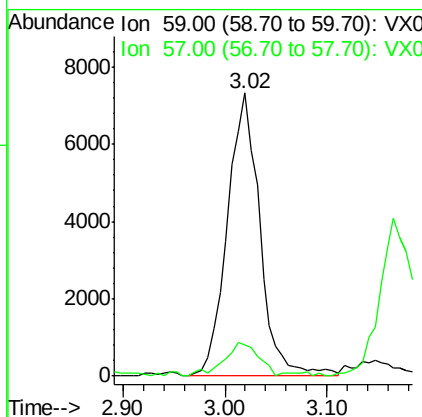
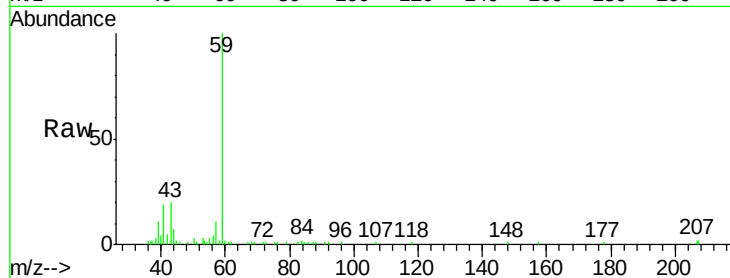
Tert butyl alcohol  
Concen: 24.812 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 12.9  | 8.6   | 12.8# |

Manual Integrations  
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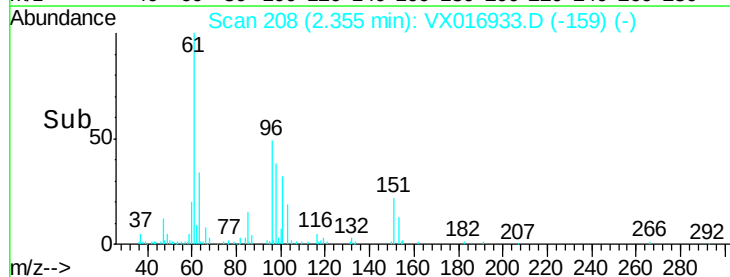
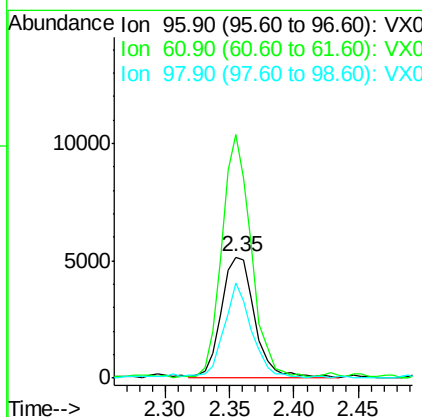
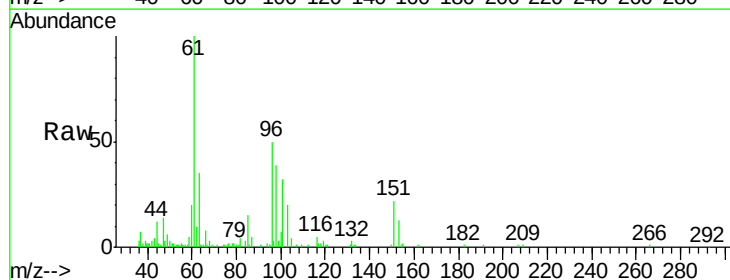
MMDadoda  
6/24/2020 10:54:32 AM

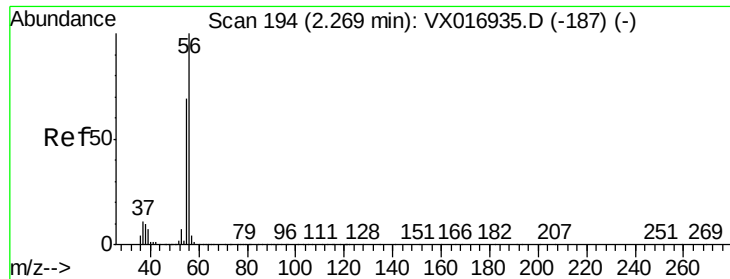


#12

1,1-Dichloroethene  
Concen: 4.764 ug/l  
RT: 2.35 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 199.3 | 142.3 | 213.5 |
| 98      | 77.5  | 53.2  | 79.8  |





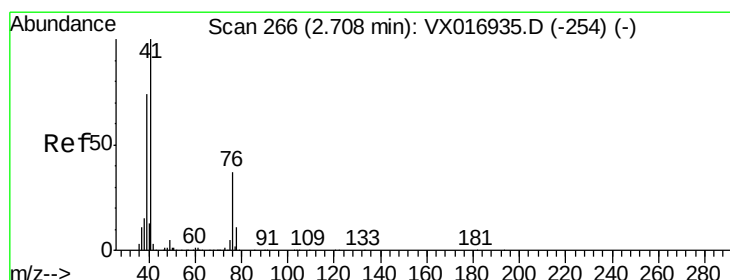
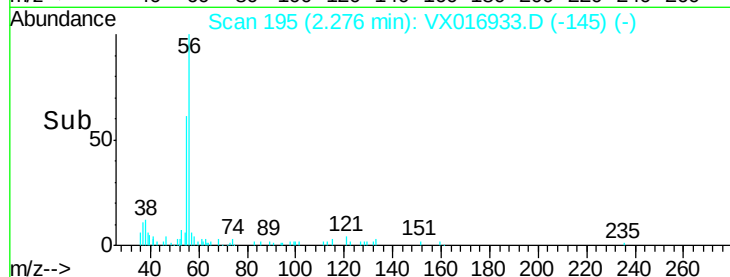
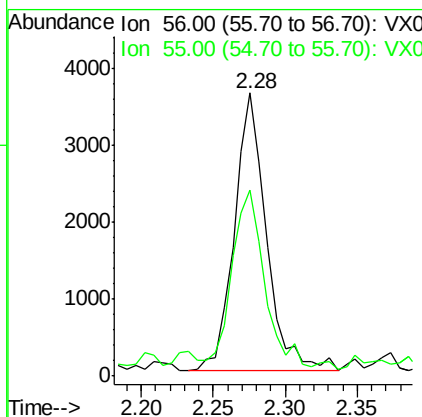
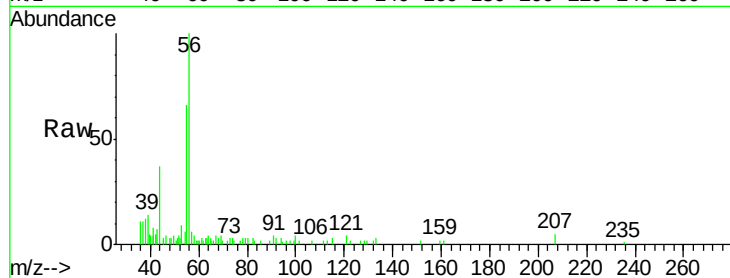
#13  
Acrolein  
Concen: 16.348 ug/l  
RT: 2.28 min Scan# 195  
Delta R.T. 0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 63.5  | 57.1  | 85.7  |

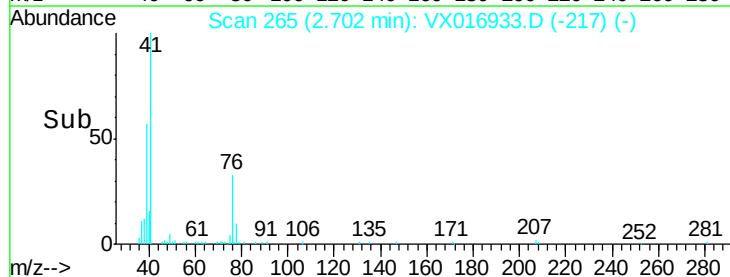
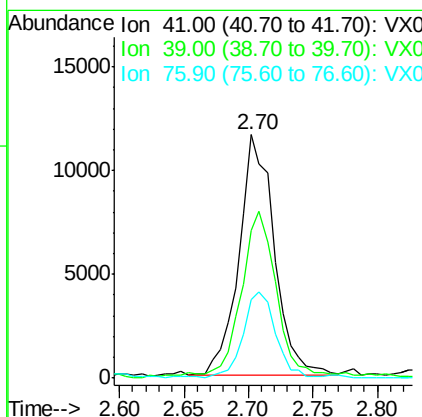
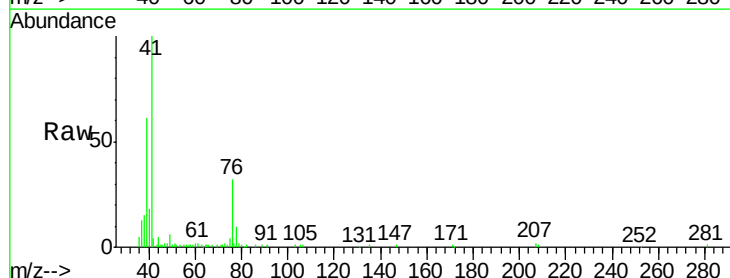
Manual Integrations  
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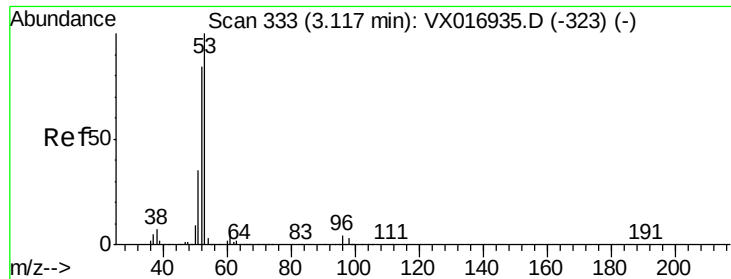
MMDadoda  
6/24/2020 10:54:32 AM



#14  
Allyl chloride  
Concen: 4.808 ug/l  
RT: 2.70 min Scan# 265  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 71.2  | 53.3  | 79.9  |
| 76      | 32.9  | 25.2  | 37.8  |





#15

Acrylonitrile

Concen: 23.866 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

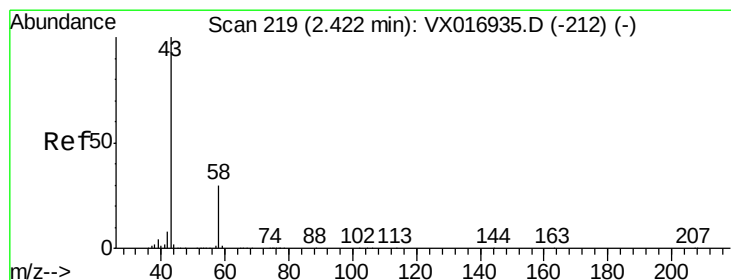
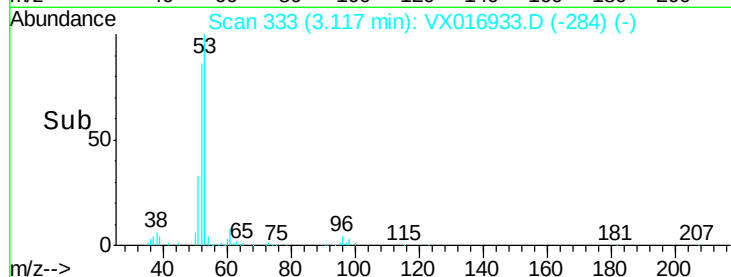
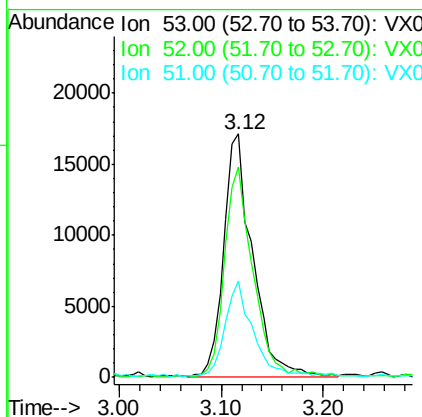
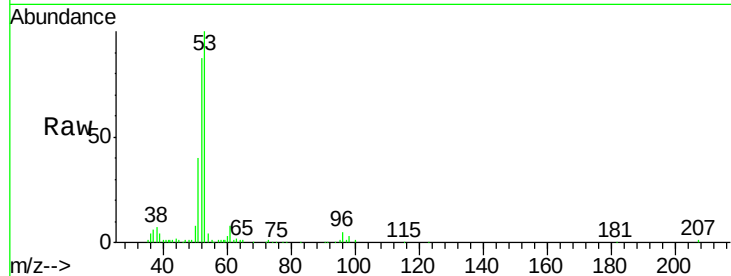
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 34012 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.6  | 66.0  | 99.0  |
| 51       | 38.5  | 28.9  | 43.3  |

Manual Integrations  
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#16

Acetone

Concen: 24.199 ug/l

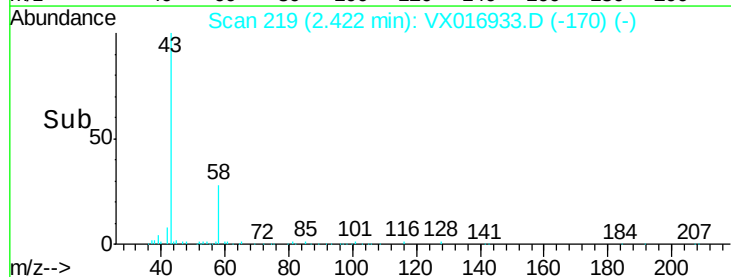
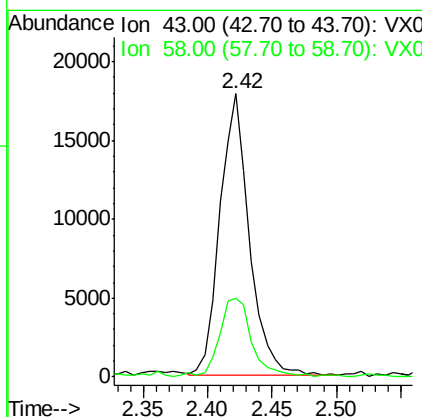
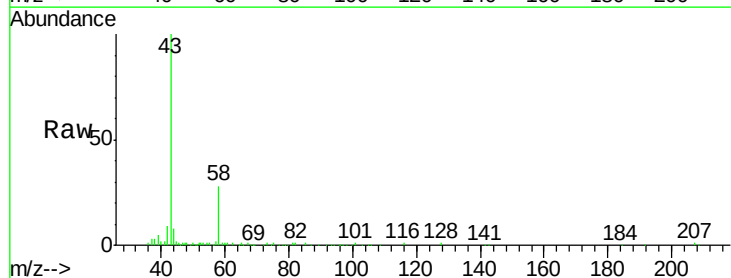
RT: 2.42 min Scan# 219

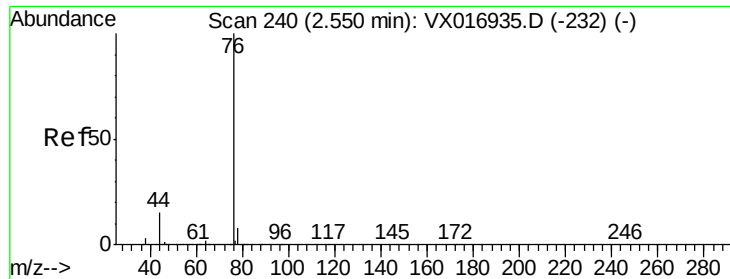
Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 28537 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 27.5  | 23.9  | 35.9  |





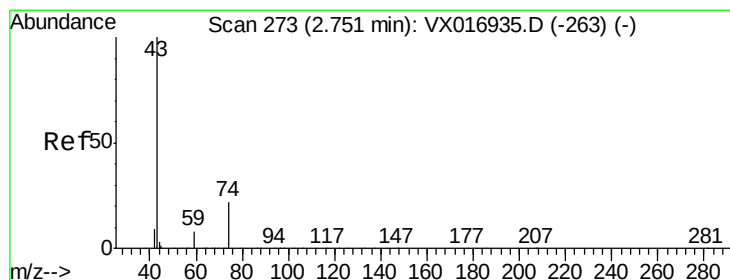
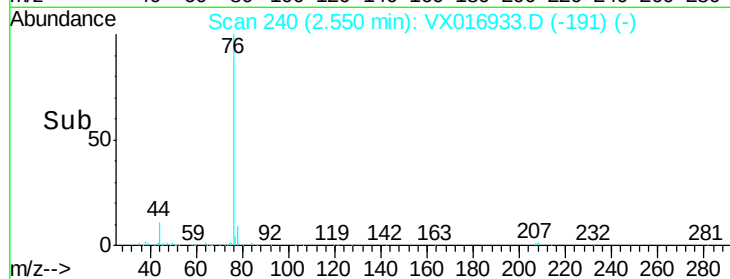
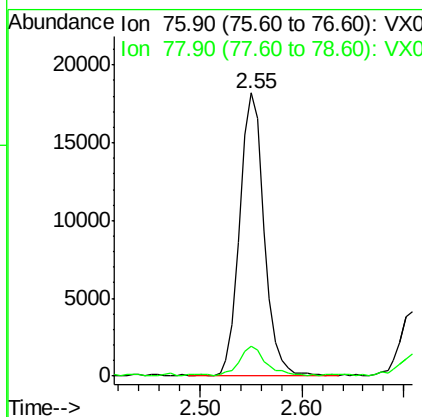
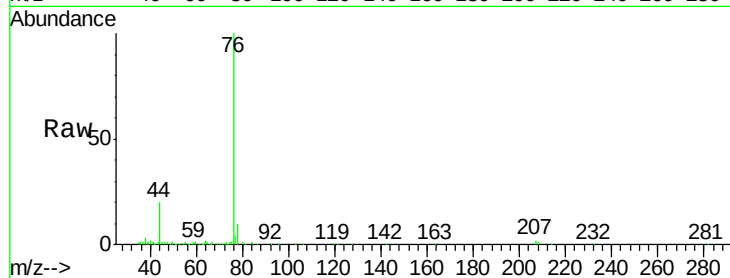
#17  
Carbon Disulfide  
Concen: 4.815 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.9   | 6.6   | 10.0  |

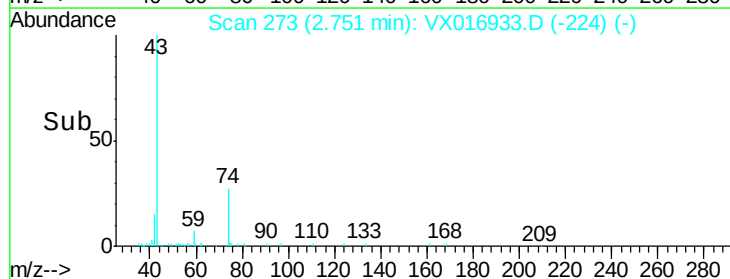
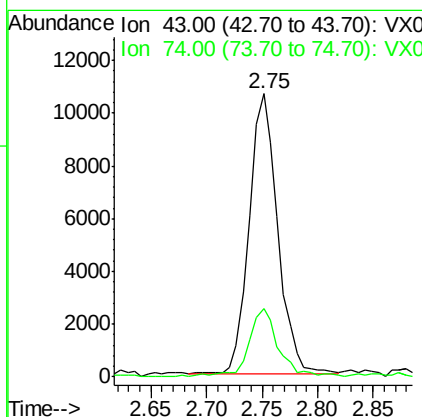
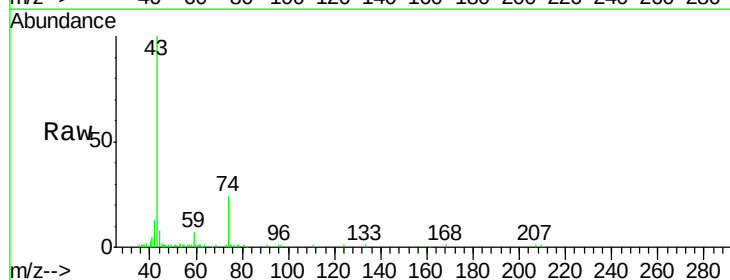
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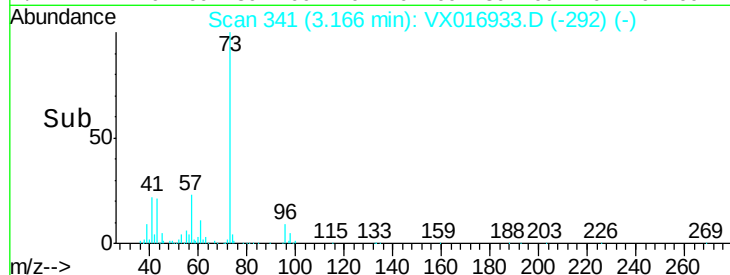
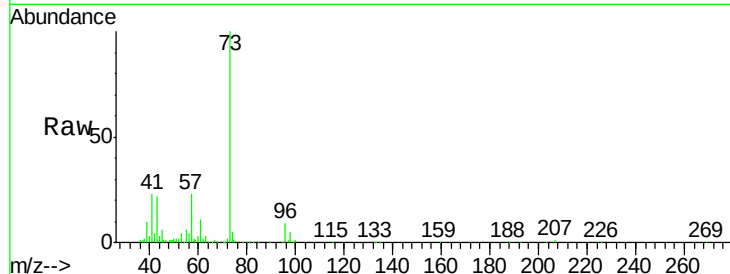
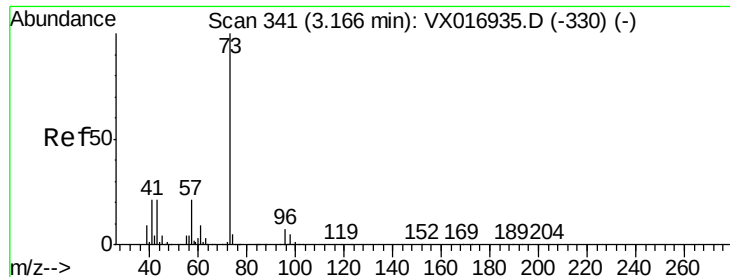
MMDadoda  
6/24/2020 10:54:32 AM



#18  
Methyl Acetate  
Concen: 4.867 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.7  | 18.6  | 27.8  |





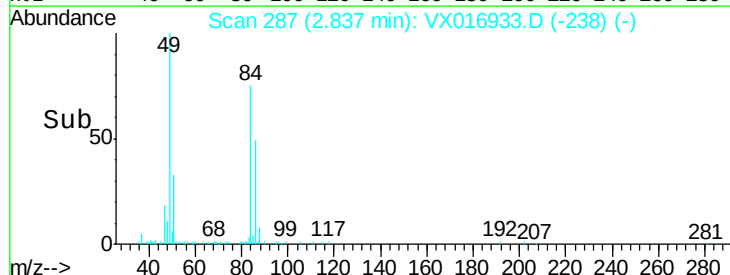
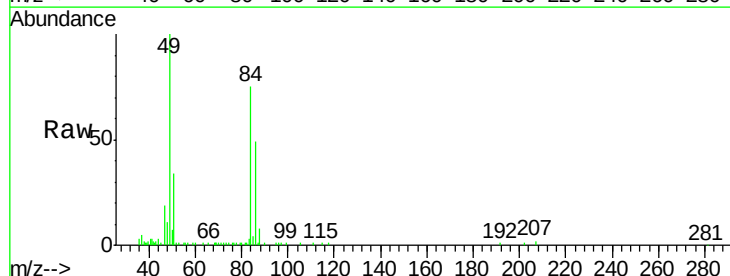
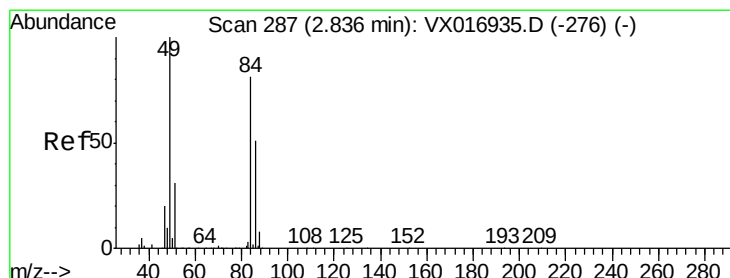
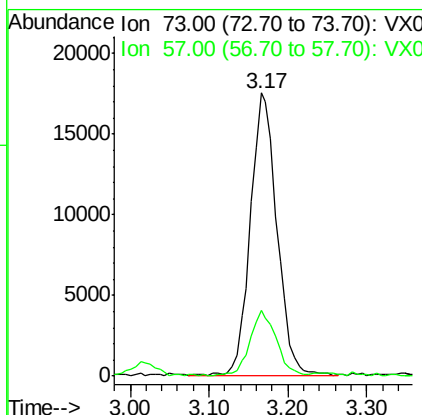
#19  
Methyl tert-butyl Ether  
Concen: 4.803 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Tot Ion: 73 Resp: 41470  
Ion Ratio Lower Upper  
73 100  
57 22.8 16.7 25.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

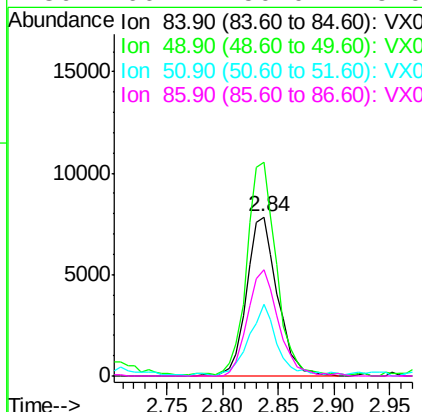
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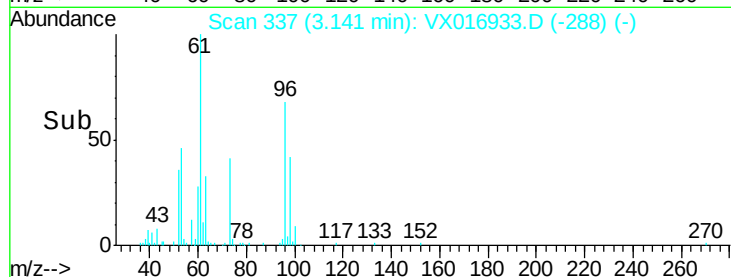
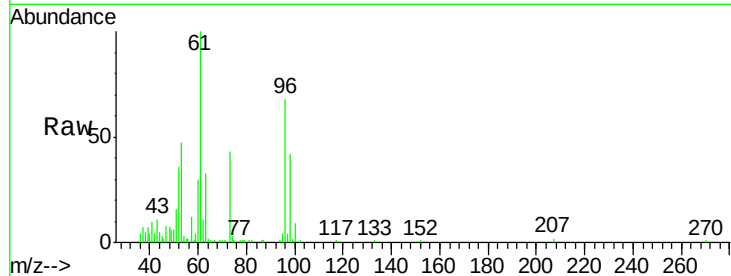
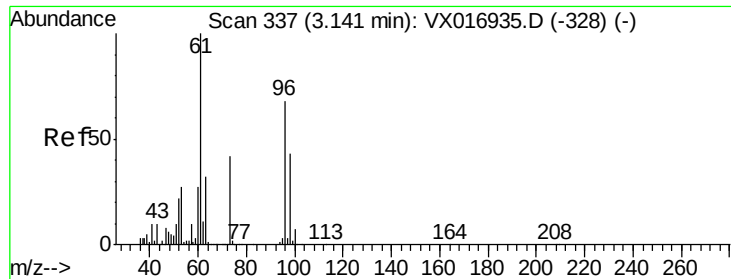
MMDadoda  
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#20  
Methylene Chloride  
Concen: 5.102 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Tgt Ion: 84 Resp: 15008  
Ion Ratio Lower Upper  
84 100  
49 133.3 98.2 147.4  
51 45.2 30.7 46.1  
86 66.4 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 4.851 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 12079 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 146.3 | 118.1 | 177.1 |
| 98       | 61.4  | 50.7  | 76.1  |

Instrument :

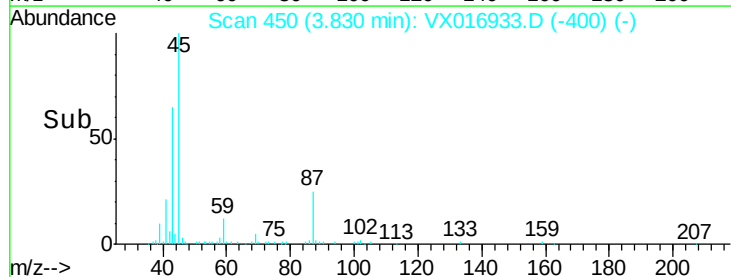
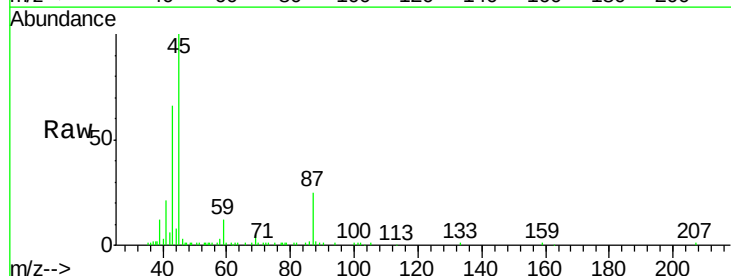
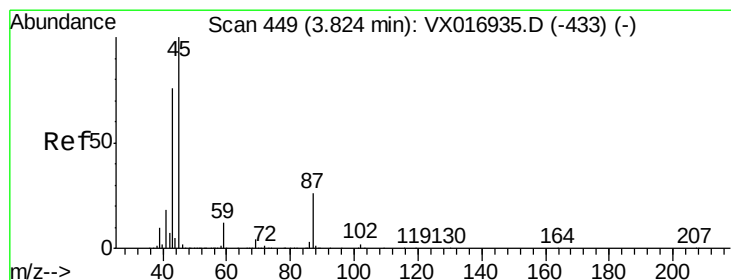
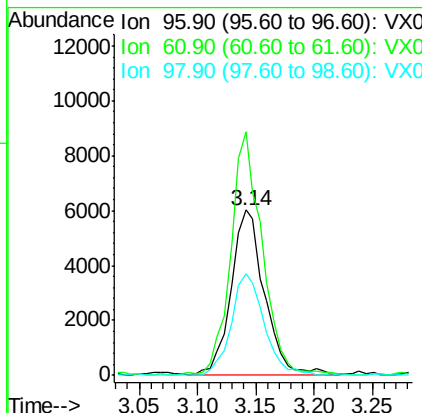
MSVOA\_X

ClientSampleId :

VSTDIC005

Manual Integrations  
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#22

Diisopropyl ether

Concen: 4.212 ug/l

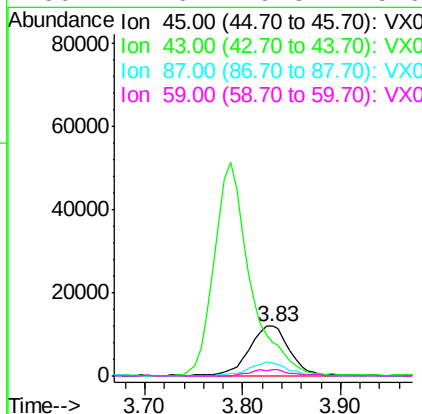
RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

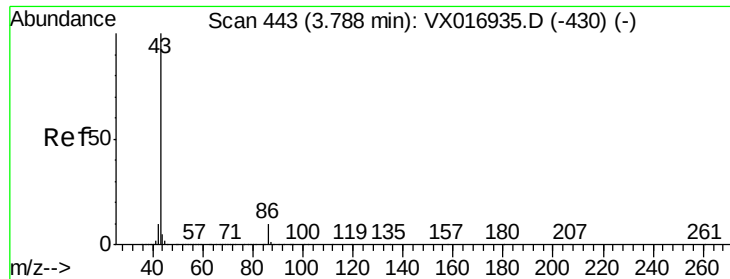
Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 33858 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 63.7  | 61.0  | 91.4  |
| 87       | 24.5  | 20.6  | 30.8  |
| 59       | 11.6  | 9.3   | 13.9  |







#23

Vinyl Acetate

Concen: 20.325 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 131965

Ion Ratio Lower Upper

43 100

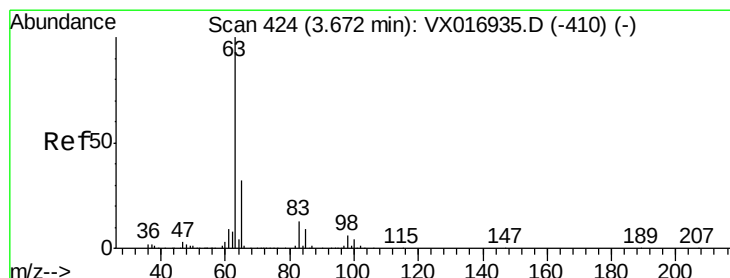
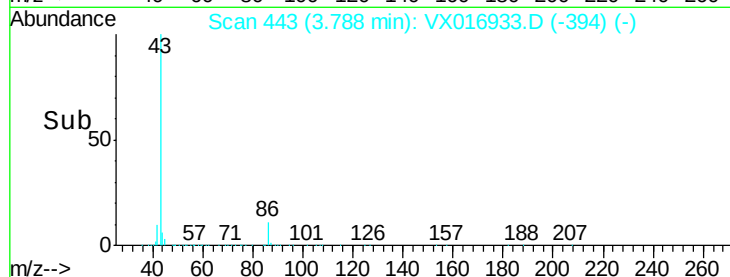
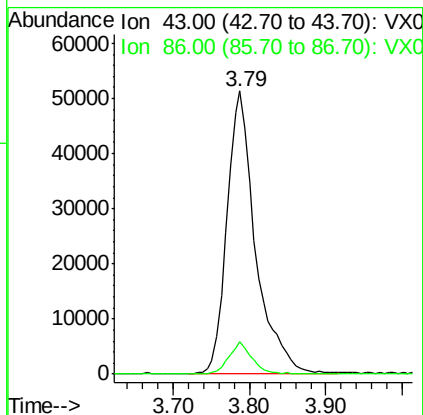
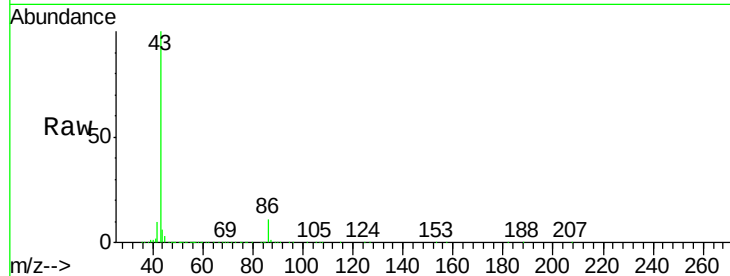
86 11.3 8.0 12.0

Manual Integrations

APPROVED

MMDadoda

6/24/2020 10:54:32 AM



#24

1,1-Dichloroethane

Concen: 4.755 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

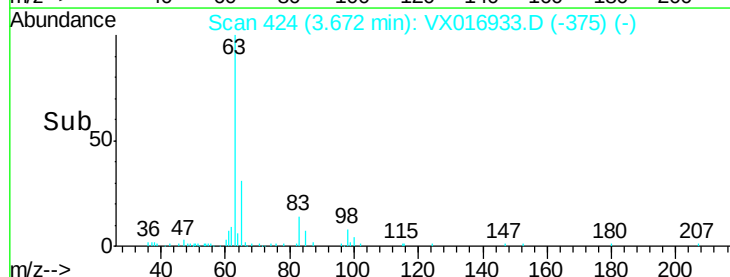
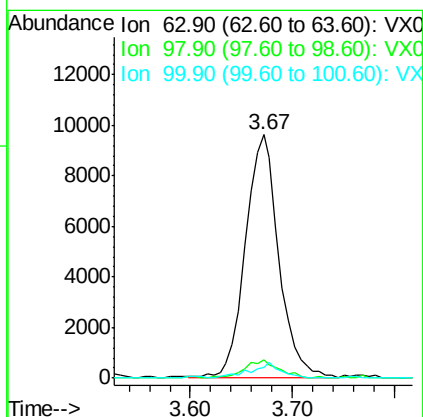
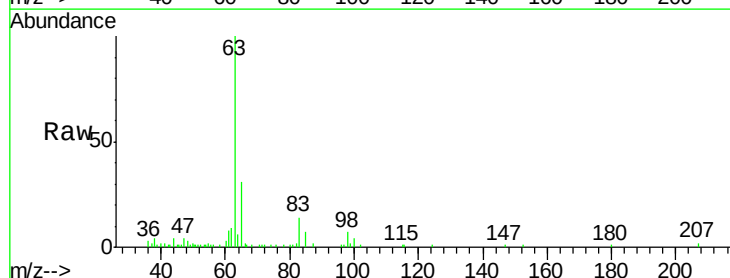
Tgt Ion: 63 Resp: 22011

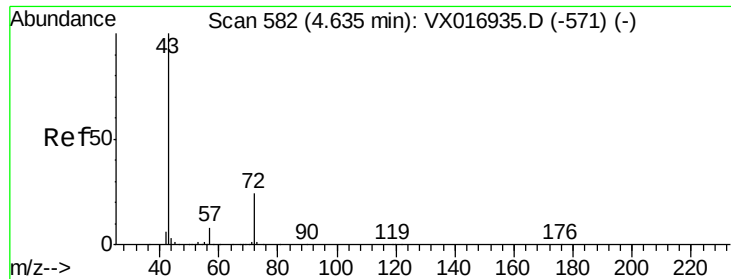
Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.3

100 4.3 2.2 6.6





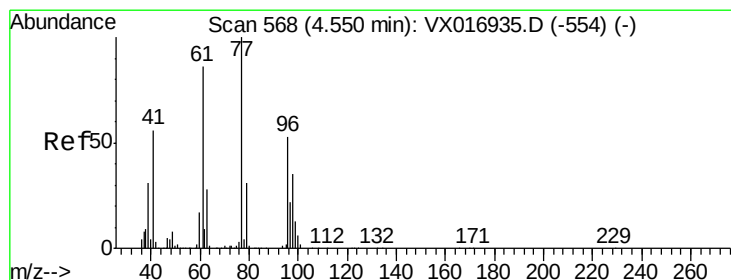
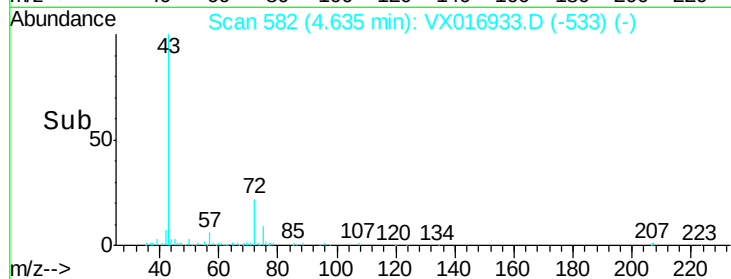
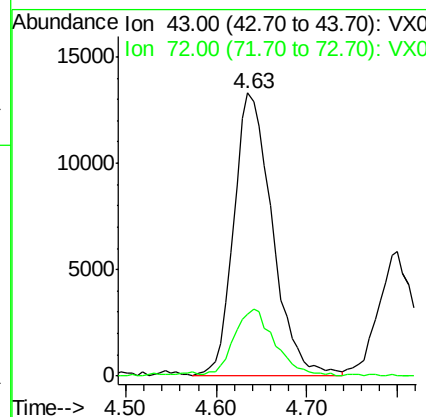
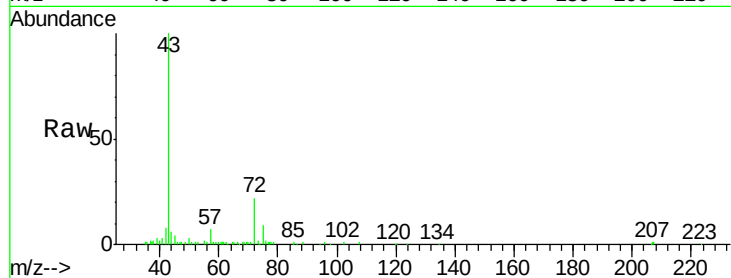
#25  
2-Butanone  
Concen: 21.115 ug/l  
RT: 4.63 min Scan# 582  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 43   | Resp  | 39297 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 72        | 21.7 | 19.6  | 29.4  |

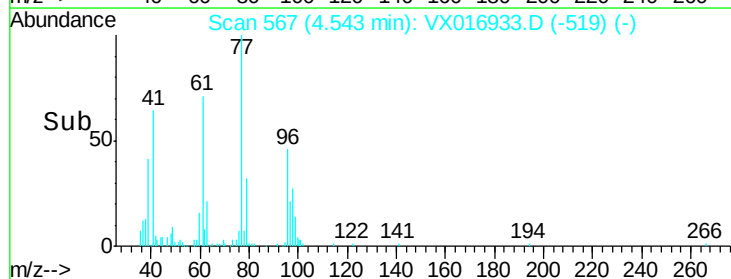
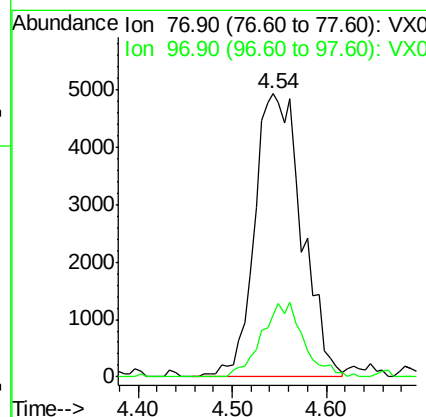
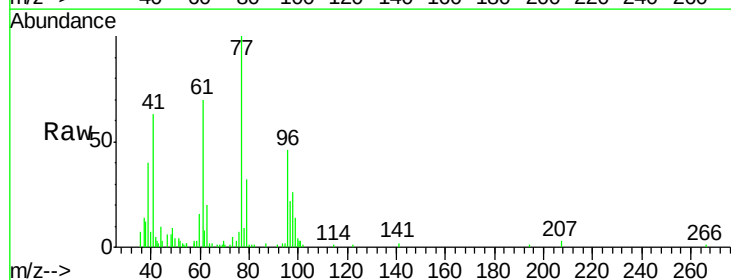
Manual Integrations  
APPROVED

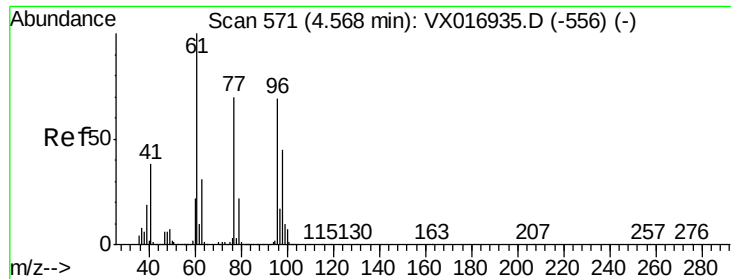
MMDadoda  
6/24/2020 10:54:32 AM



#26  
2,2-Dichloropropane  
Concen: 4.246 ug/l  
RT: 4.54 min Scan# 567  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion   | 77   | Resp  | 17281 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 97        | 23.2 | 10.9  | 32.9  |





#27

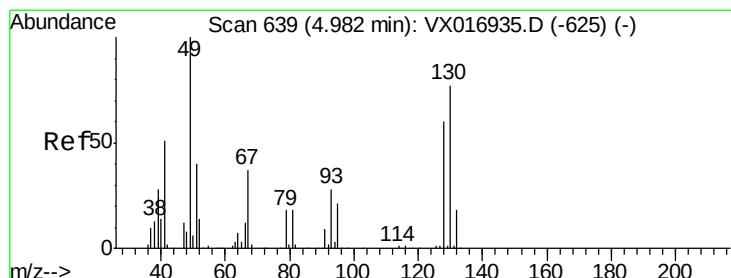
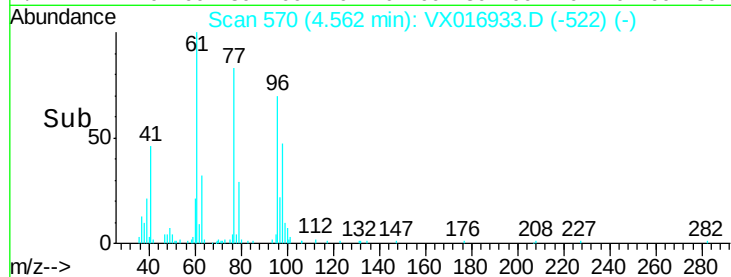
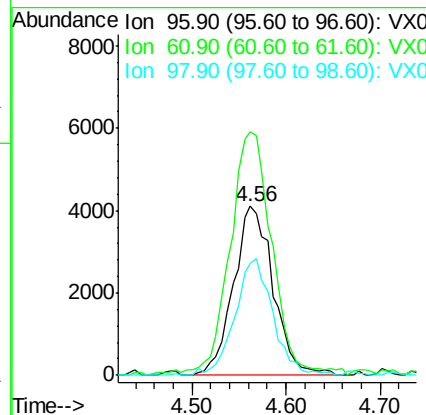
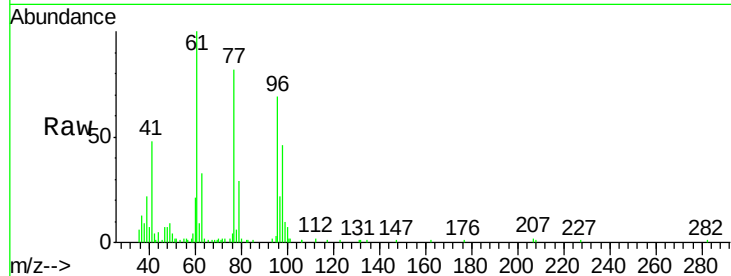
cis-1,2-Dichloroethene  
Concen: 4.310 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 148.8 | 0.0   | 312.2 |
| 98      | 65.9  | 0.0   | 130.6 |

Manual Integrations  
APPROVED

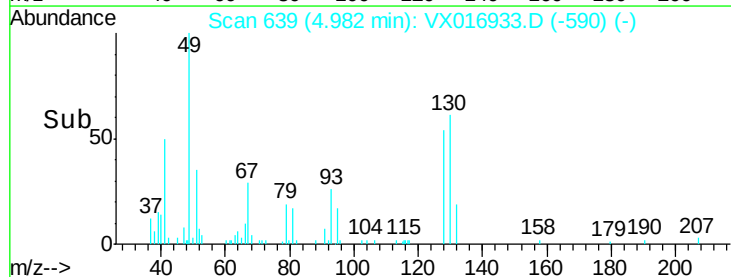
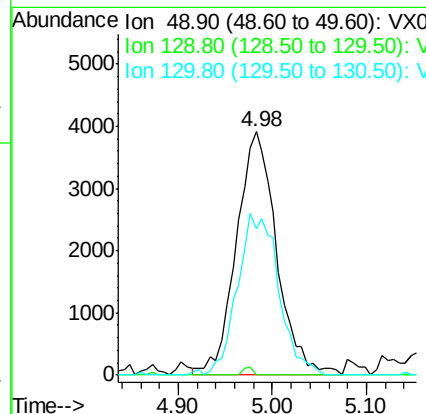
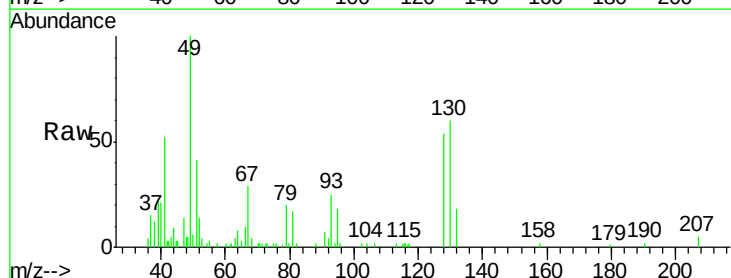
MMDadoda  
6/24/2020 10:54:32 AM

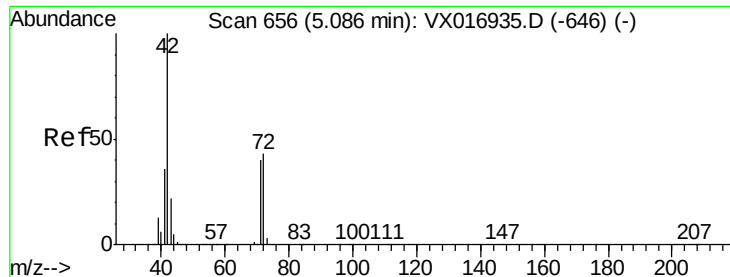


#28

Bromochloromethane  
Concen: 4.860 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.8   | 0.0   | 4.0   |
| 130     | 67.9  | 58.7  | 88.1  |





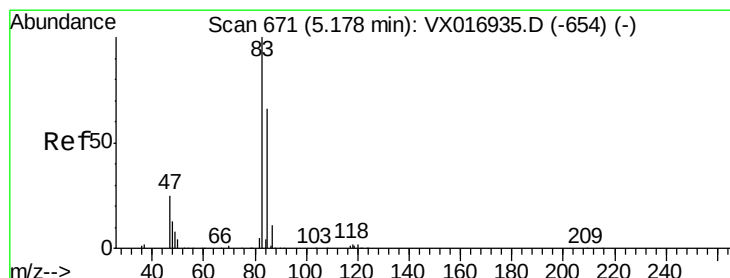
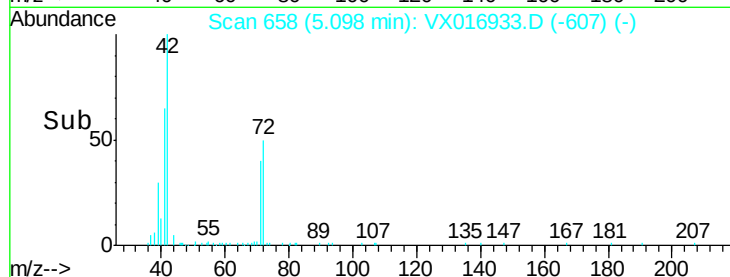
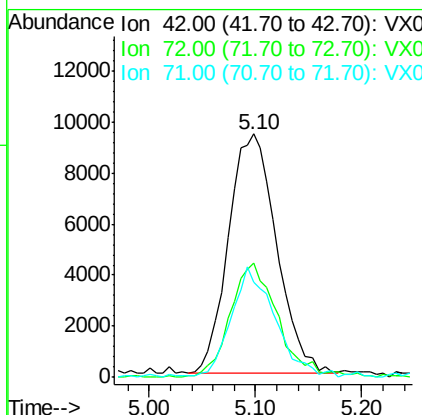
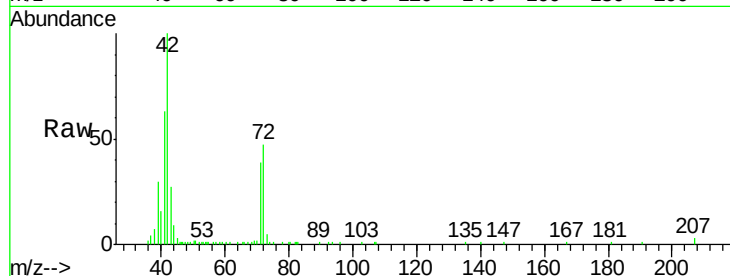
#29  
Tetrahydrofuran  
Concen: 25.776 ug/l  
RT: 5.10 min Scan# 658  
Delta R.T. 0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.7  | 34.9  | 52.3  |
| 71      | 42.6  | 32.2  | 48.4  |

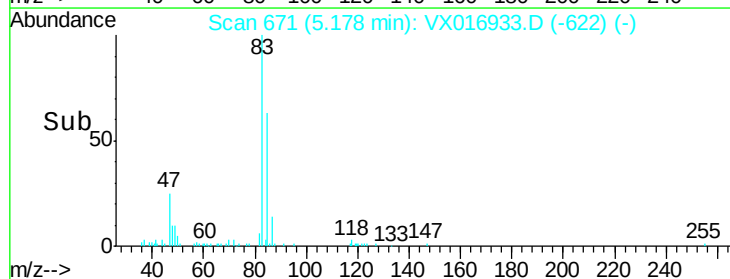
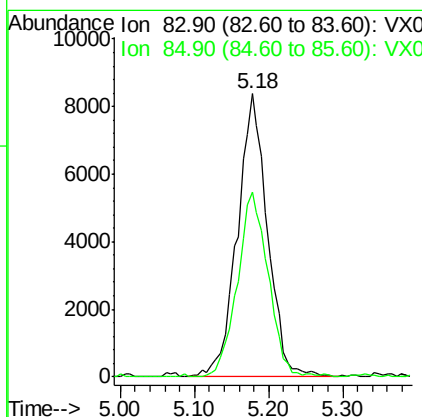
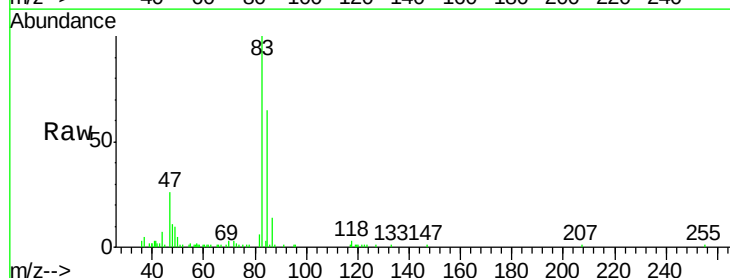
Manual Integrations  
APPROVED

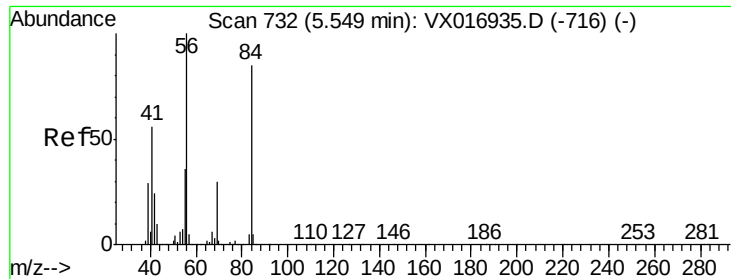
MMDadoda  
6/24/2020 10:54:32 AM



#30  
Chloroform  
Concen: 4.874 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.4  | 52.8  | 79.2  |





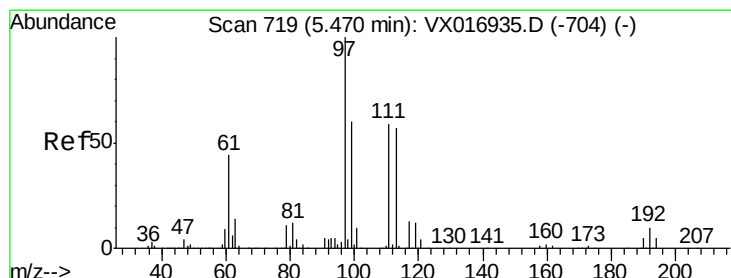
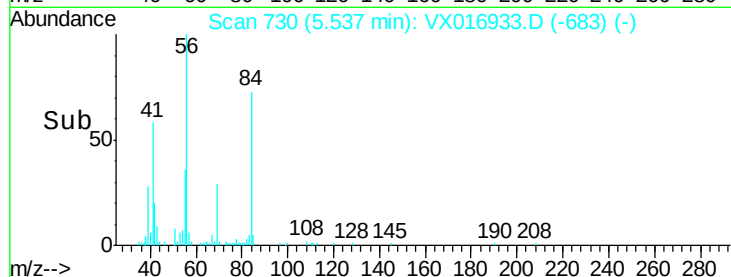
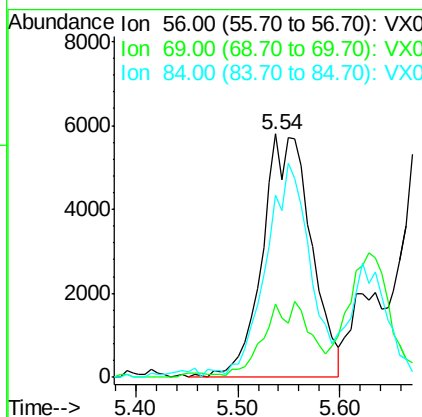
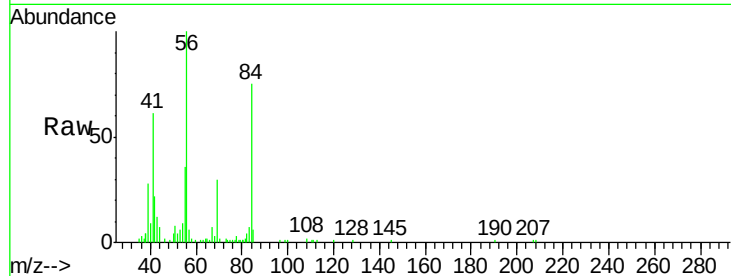
#31  
Cyclohexane  
Concen: 5.195 ug/l  
RT: 5.54 min Scan# 730  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 56      | 100  |       | 19161 |       |       |
| 69      | 28.2 | 24.4  | 36.6  |       |       |
| 84      | 72.8 | 67.0  | 100.6 |       |       |

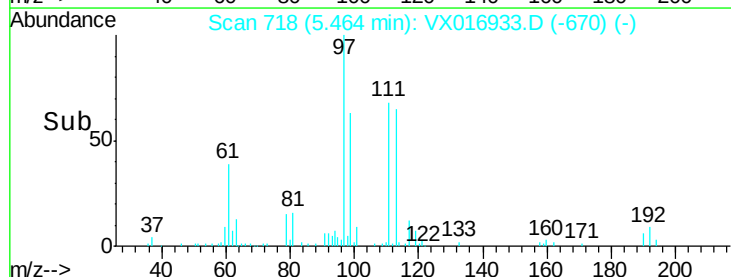
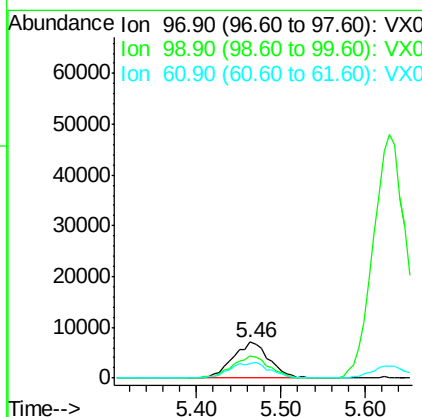
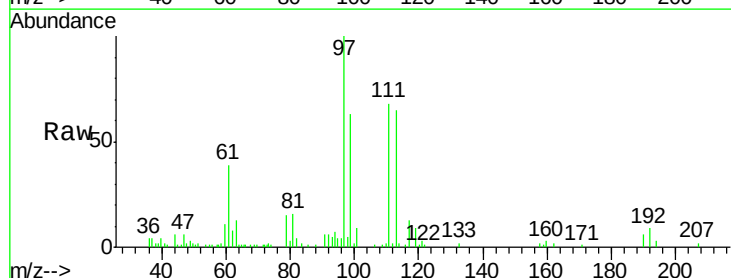
Manual Integrations  
APPROVED

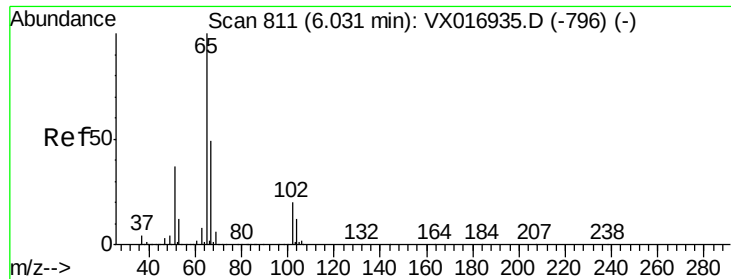
MMDadoda  
6/24/2020 10:54:32 AM



#32  
1,1,1-Trichloroethane  
Concen: 4.847 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 20724 |       |       |
| 99      | 62.0 | 50.6  | 76.0  |       |       |
| 61      | 47.1 | 36.1  | 54.1  |       |       |





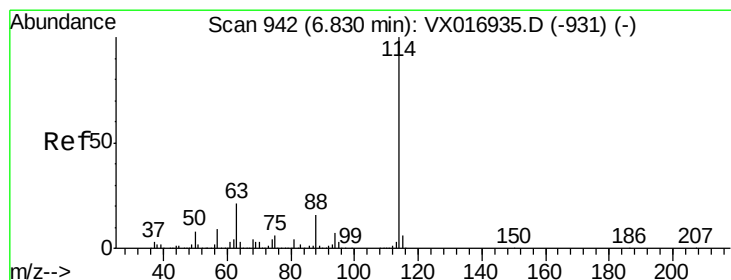
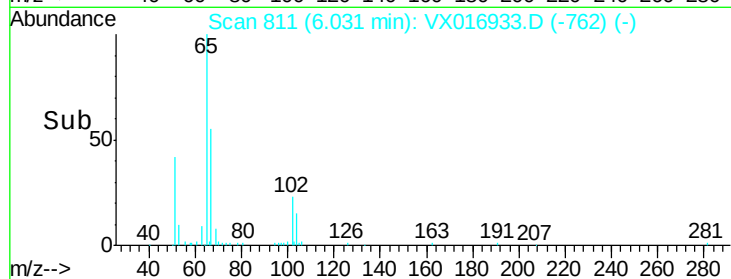
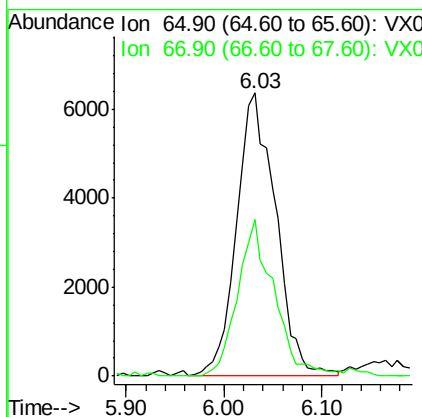
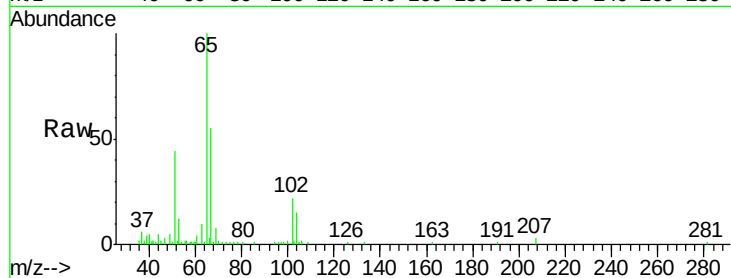
#33  
 1,2-Dichloroethane-d4  
 Concen: 5.696 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.2  | 0.0   | 102.6 |

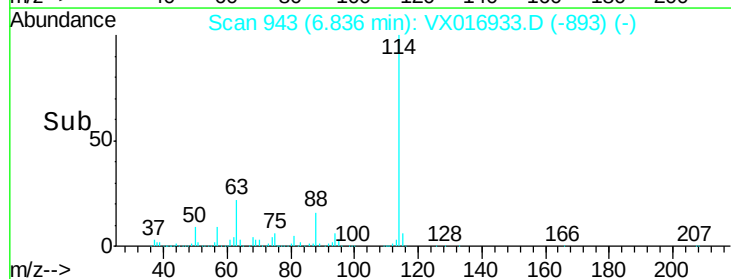
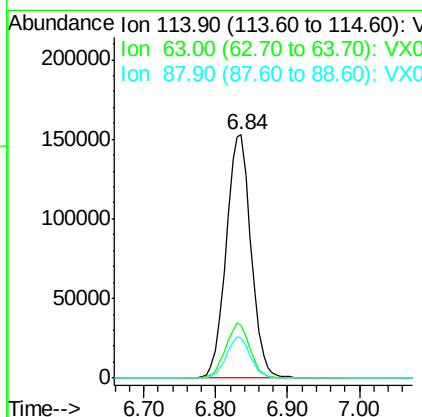
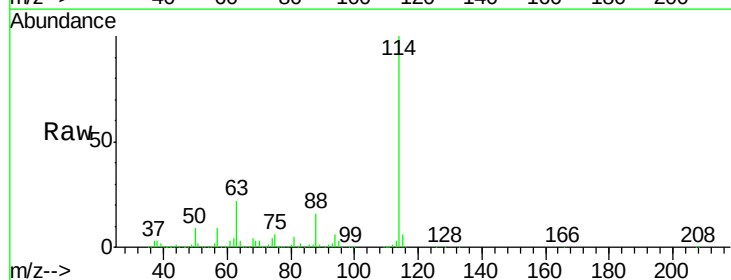
Manual Integrations  
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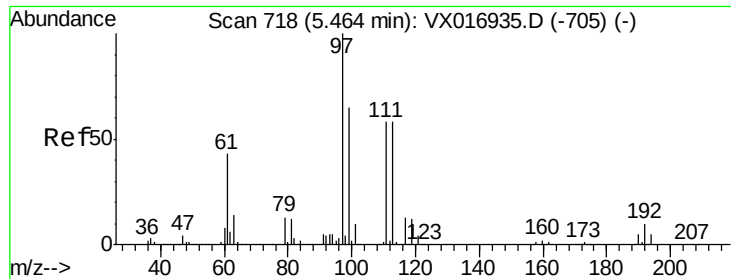
MMDadoda  
 6/24/2020 10:54:32 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 943  
 Delta R.T. 0.01 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.9  | 0.0   | 41.4  |
| 88      | 16.5  | 0.0   | 32.4  |





#35

Dibromofluoromethane

Concen: 5.199 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

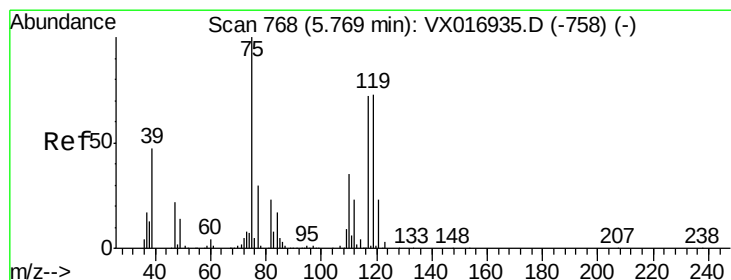
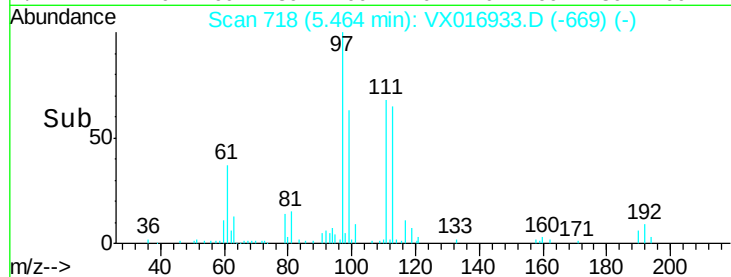
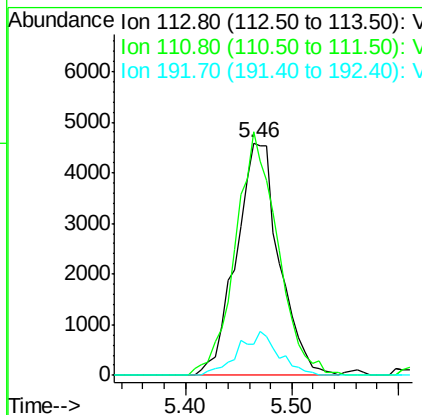
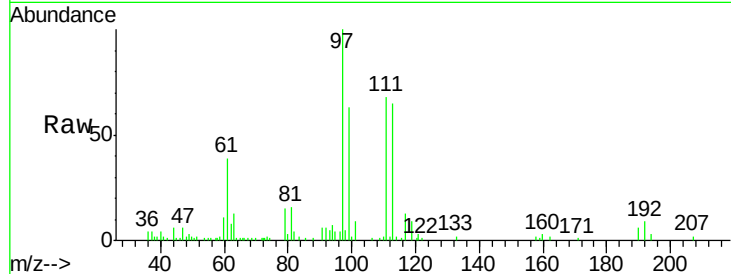
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 13064 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.3 | 83.4  | 125.0 |
| 192      | 17.4  | 14.6  | 22.0  |

Manual Integrations  
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6/24/2020 10:54:32 AM



#36

1,1-Dichloropropene

Concen: 4.855 ug/l

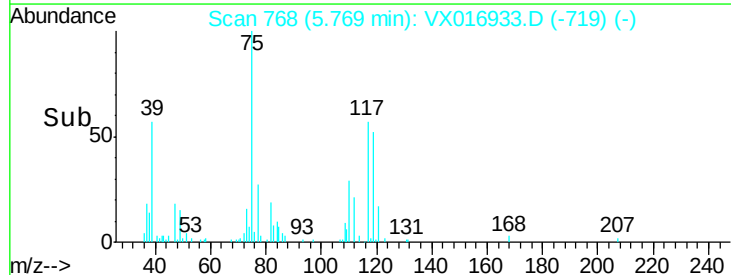
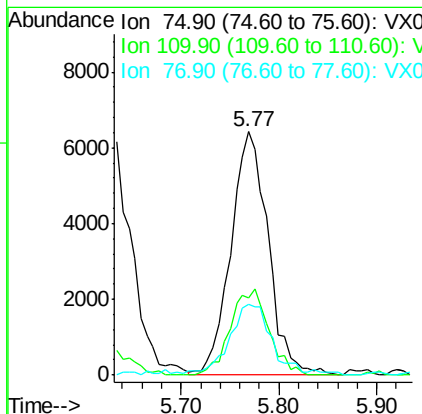
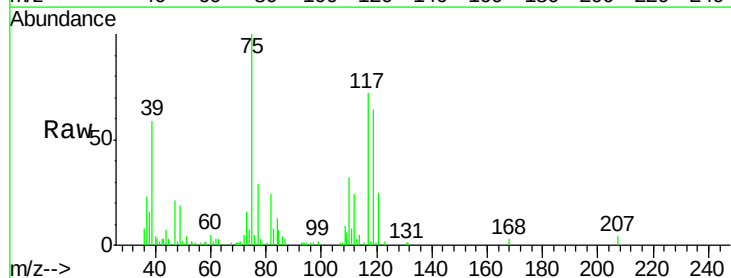
RT: 5.77 min Scan# 768

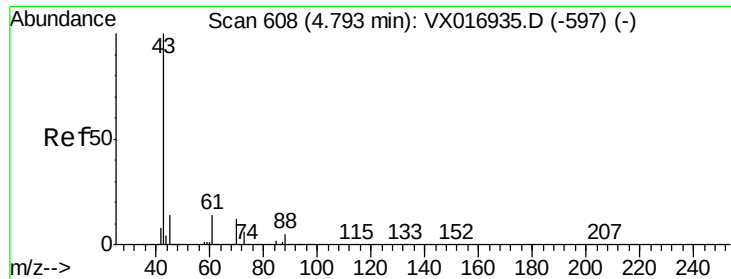
Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 17001 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 36.4  | 17.1  | 51.3  |
| 77       | 32.6  | 24.9  | 37.3  |





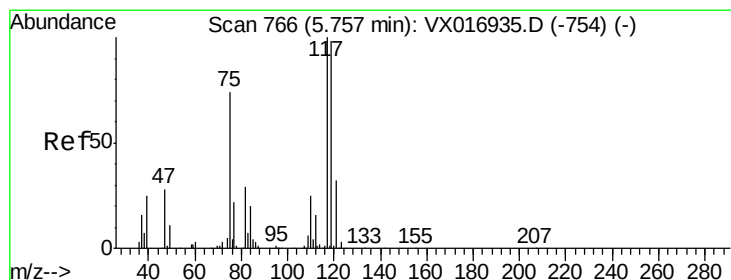
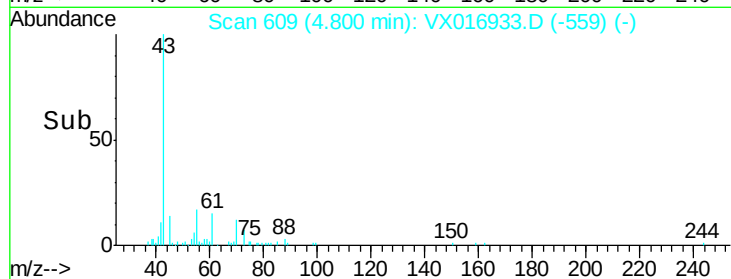
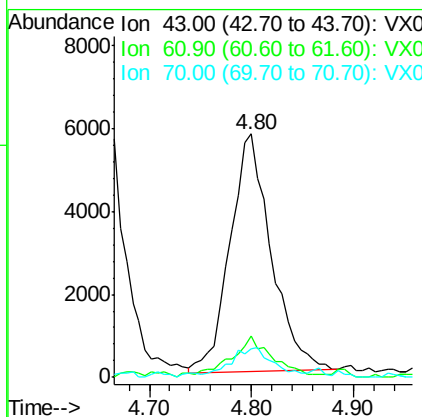
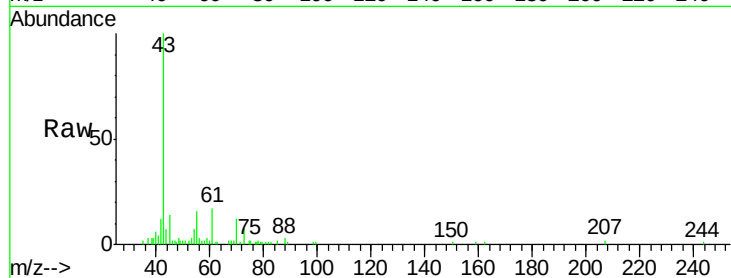
#37  
Ethyl Acetate  
Concen: 4.157 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. 0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.3  | 11.0  | 16.4# |
| 70      | 13.9  | 8.9   | 13.3# |

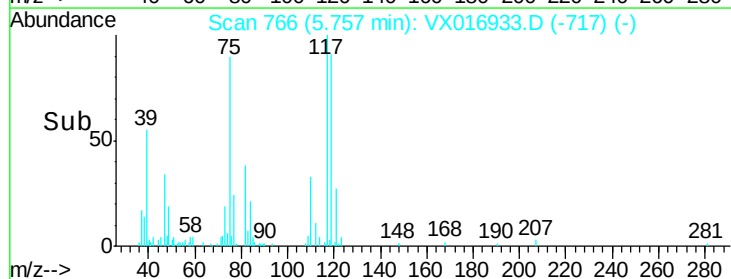
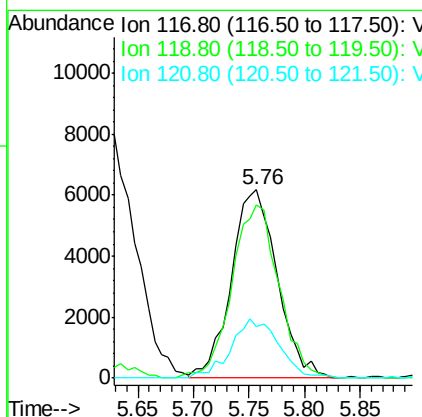
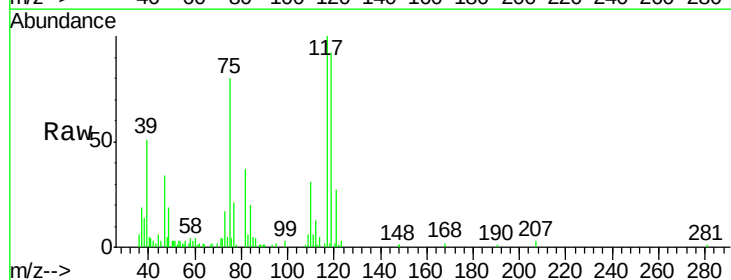
Manual Integrations  
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6/24/2020 10:54:32 AM

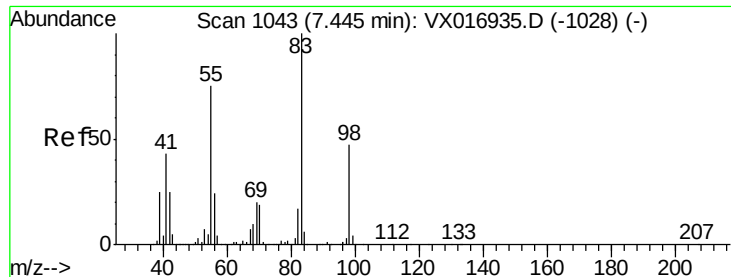


#38  
Carbon Tetrachloride  
Concen: 4.717 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.4  | 78.2  | 117.2 |
| 121     | 27.3  | 25.0  | 37.6  |







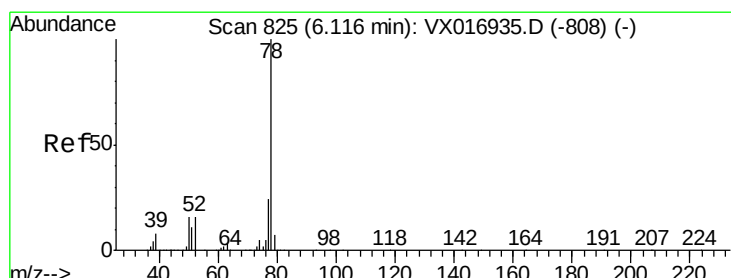
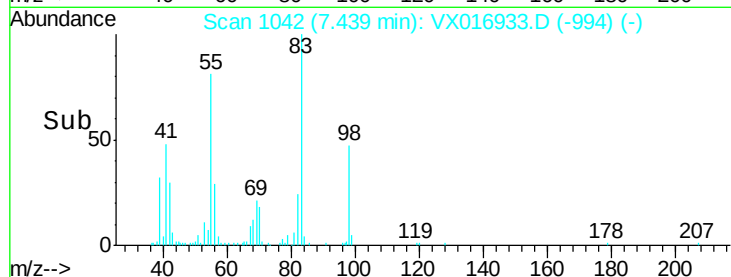
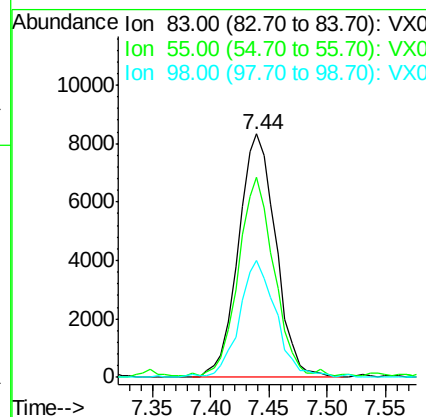
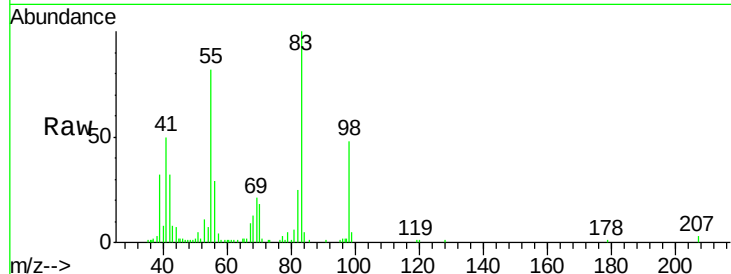
#39  
Methylvlcyclohexane  
Concen: 4.835 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 18661 |       |       |
| 55      | 80.8  |       | 59.9  | 89.9  |
| 98      | 46.8  |       | 37.3  | 55.9  |

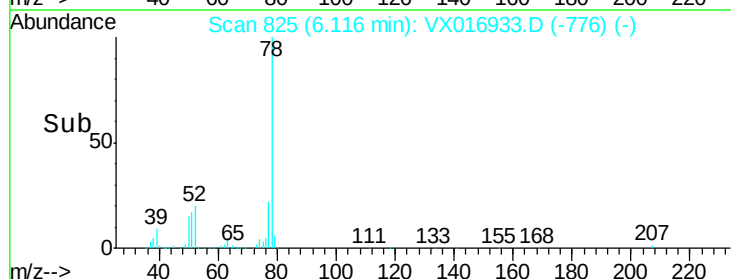
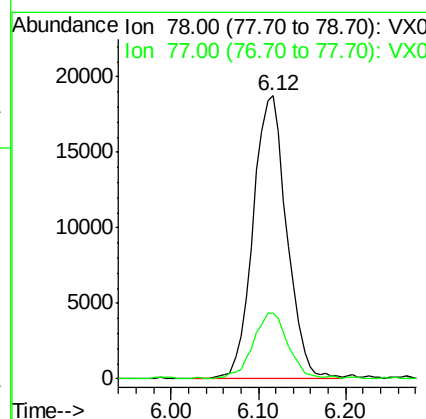
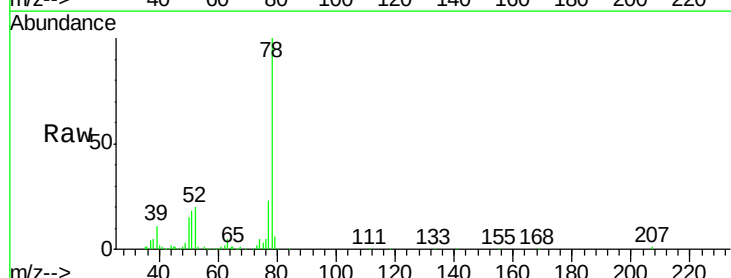
Manual Integrations  
APPROVED

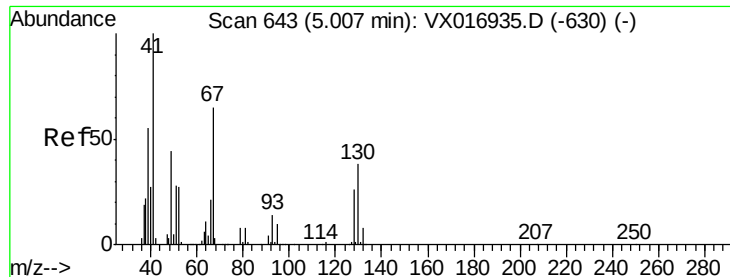
MMDadoda  
6/24/2020 10:54:32 AM



#40  
Benzene  
Concen: 5.011 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 78      | 100   | 50281 |       |       |
| 77      | 22.8  |       | 19.1  | 28.7  |





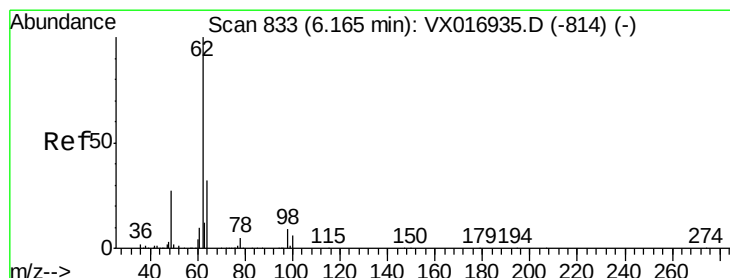
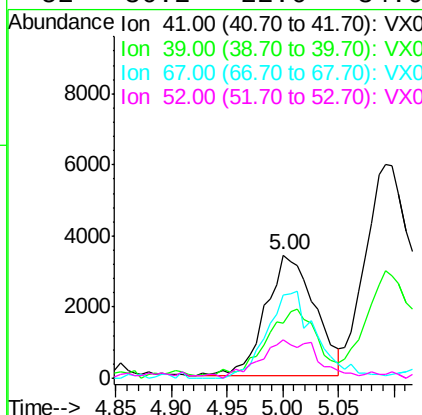
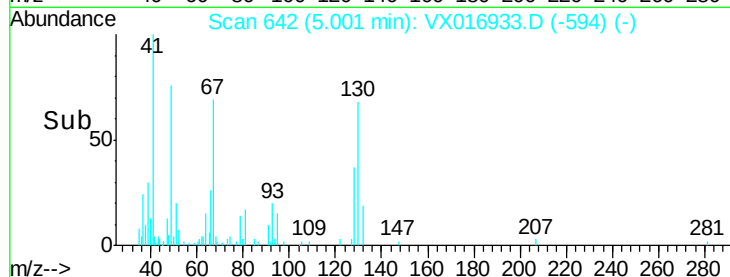
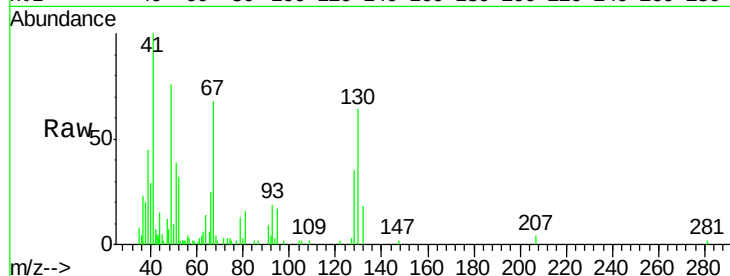
#41  
Methacrylonitrile  
Concen: 4.655 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 10434 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.1  | 44.2  | 66.2  |
| 67       | 72.4  | 55.1  | 82.7  |
| 52       | 36.2  | 22.6  | 34.0# |

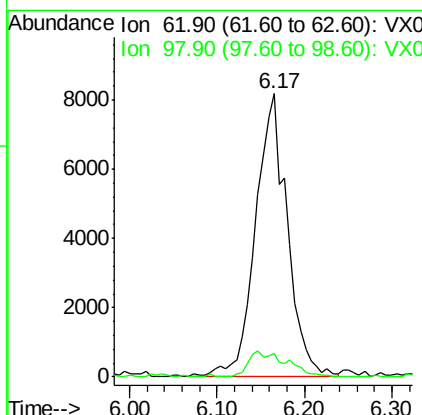
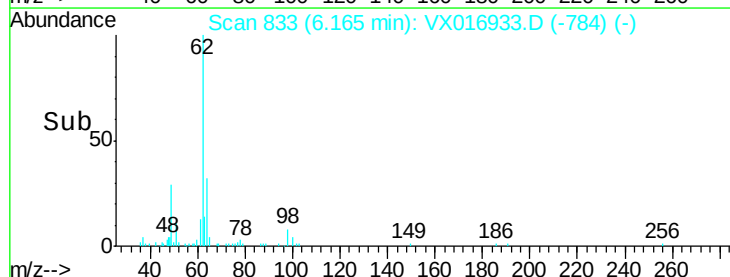
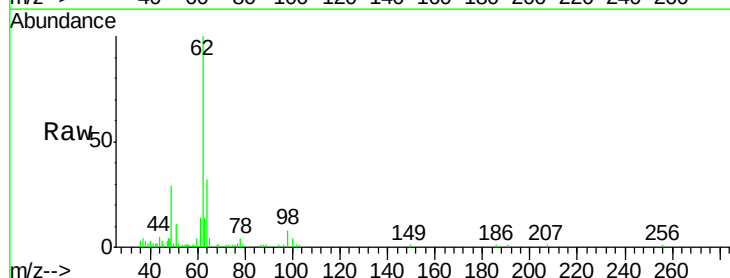
Manual Integrations  
APPROVED

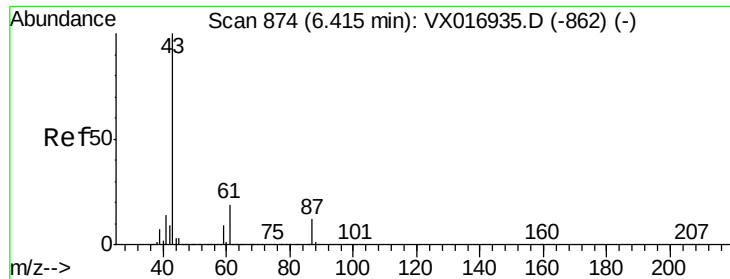
MMDadoda  
6/24/2020 10:54:32 AM



#42  
1,2-Dichloroethane  
Concen: 5.056 ug/l  
RT: 6.17 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 20821 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.0  | 0.0   | 17.0  |





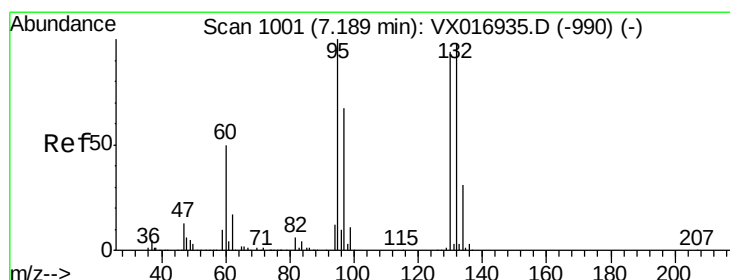
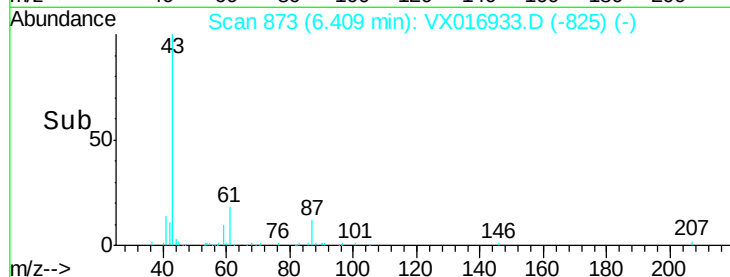
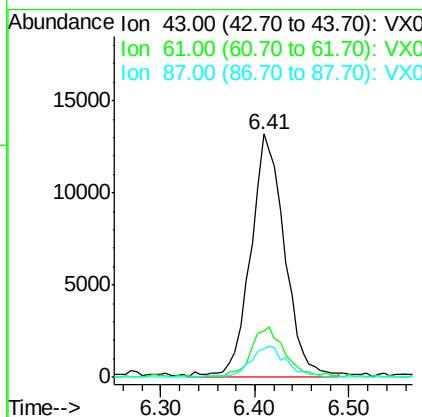
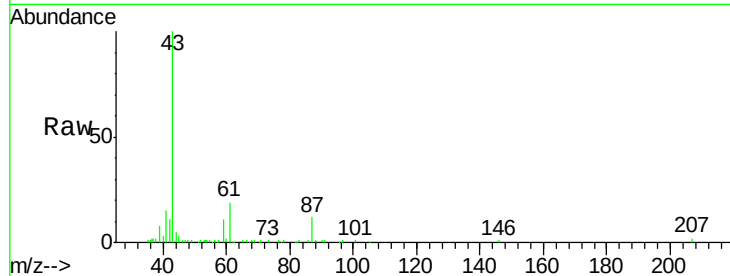
#43  
Isopropyl Acetate  
Concen: 4.990 ug/l  
RT: 6.41 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.8  | 15.4  | 23.0  |
| 87      | 13.6  | 10.2  | 15.2  |

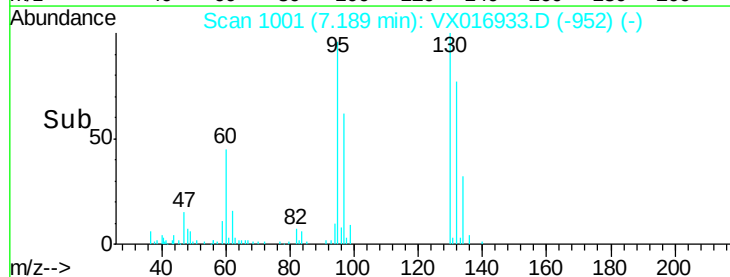
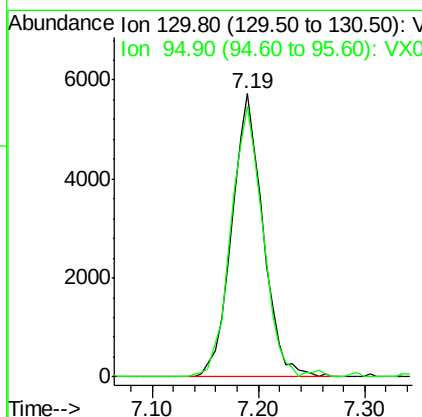
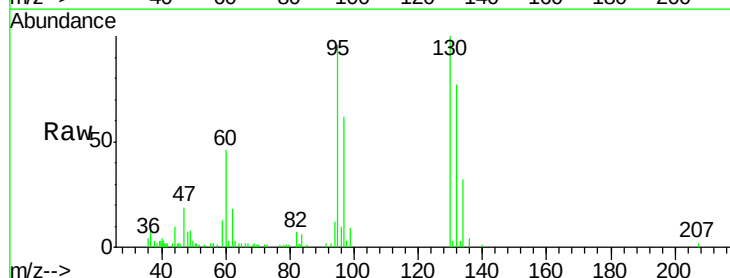
Manual Integrations  
APPROVED

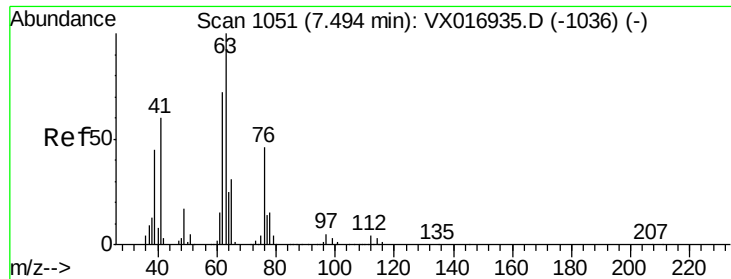
MMDadoda  
6/24/2020 10:54:32 AM



#44  
Trichloroethene  
Concen: 4.175 ug/l  
RT: 7.19 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.7  | 0.0   | 213.2 |





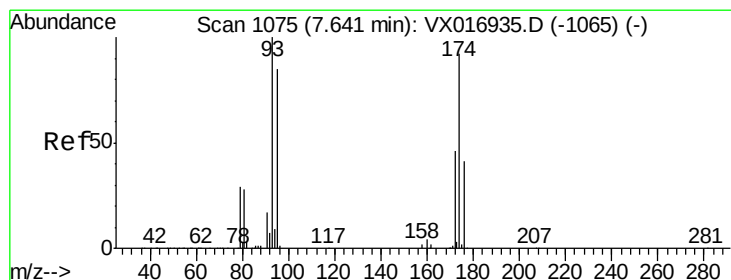
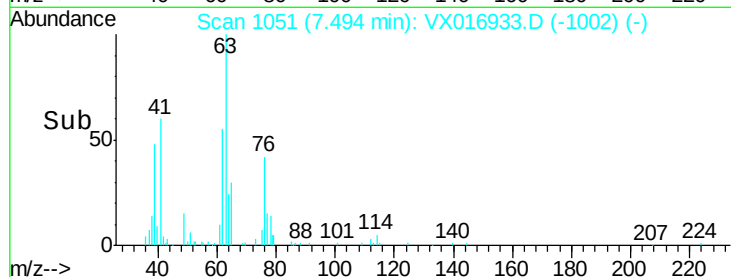
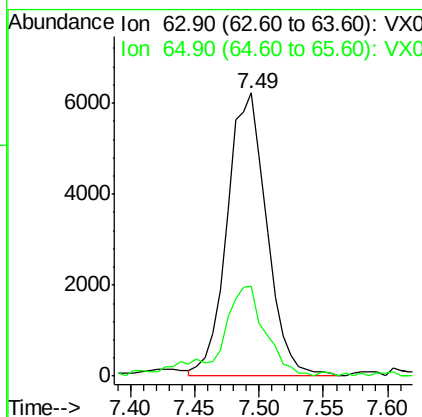
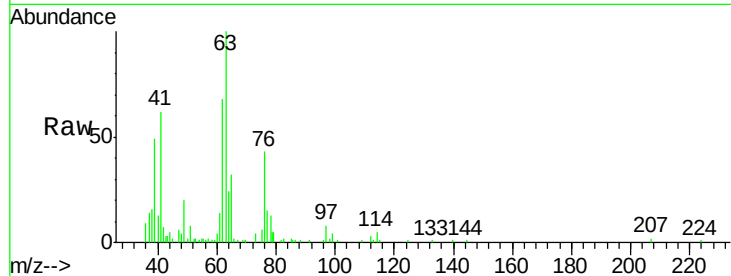
#45  
 1,2-Dichloropropane  
 Concen: 4.794 ug/l  
 RT: 7.49 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.9  | 24.4  | 36.6  |

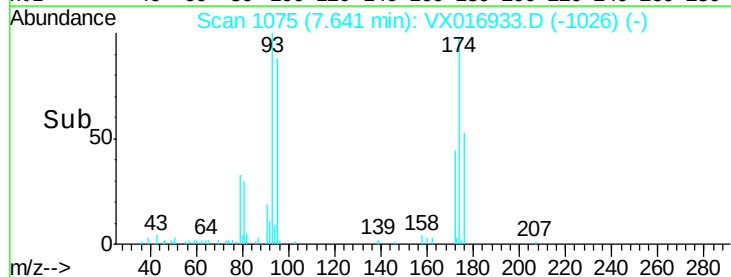
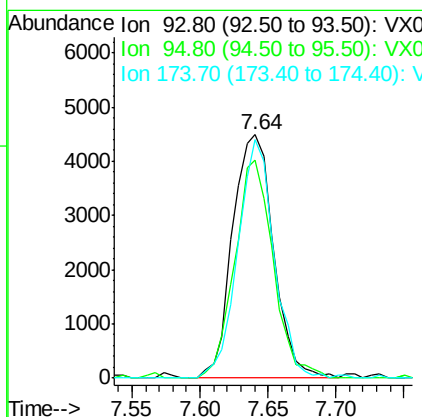
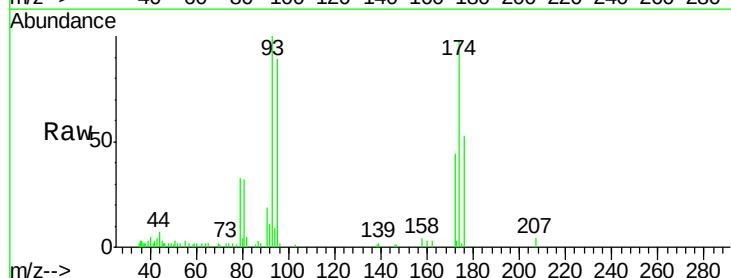
Manual Integrations  
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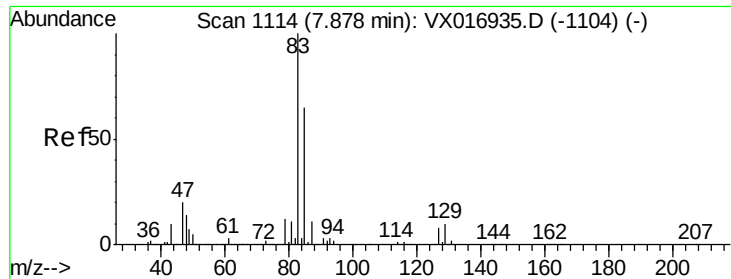
MMDadoda  
 6/24/2020 10:54:32 AM



#46  
 Dibromomethane  
 Concen: 4.915 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.3  | 66.3  | 99.5  |
| 174     | 87.1  | 71.1  | 106.7 |





#47

Bromodichloromethane

Concen: 4.684 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

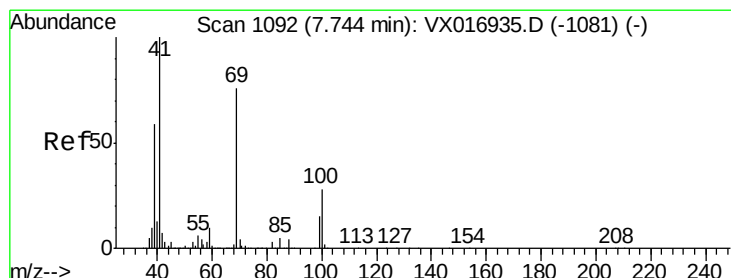
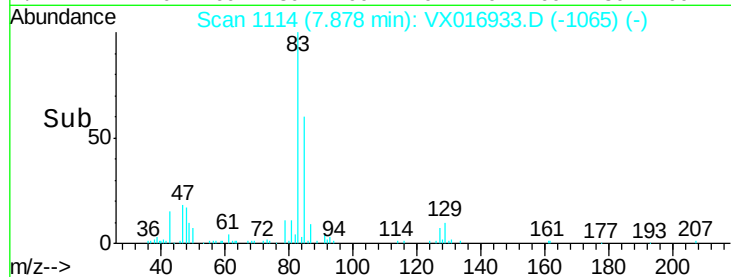
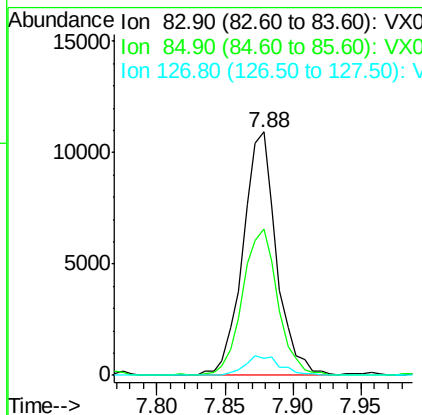
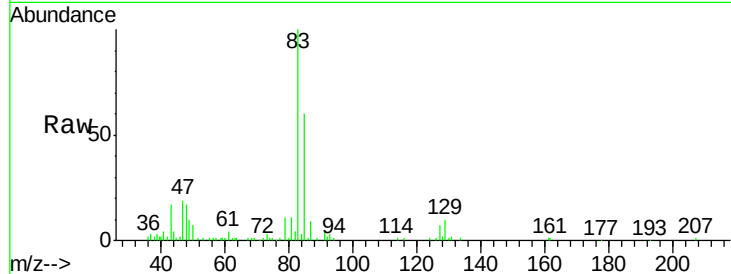
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 18875 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.3  | 52.4  | 78.6  |
| 127      | 6.9   | 6.7   | 10.1  |

Manual Integrations  
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MMDadoda  
6/24/2020 10:54:32 AM



#48

Methyl methacrylate

Concen: 4.344 ug/l

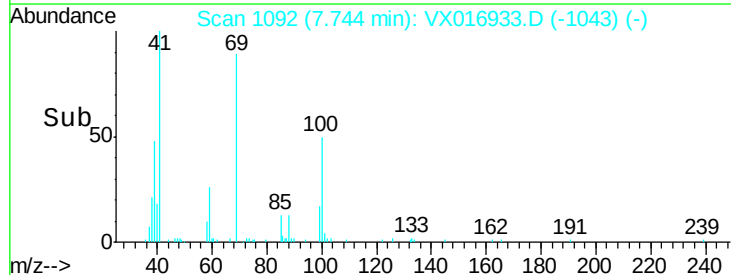
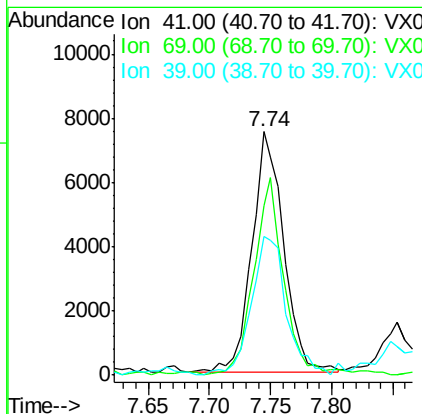
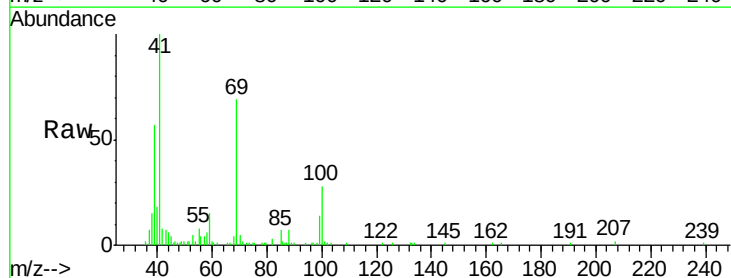
RT: 7.74 min Scan# 1092

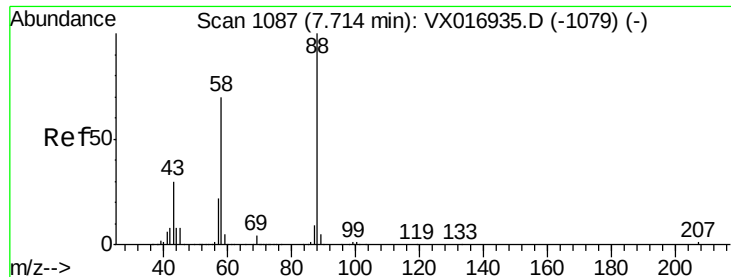
Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 13540 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 77.9  | 62.5  | 93.7  |
| 39       | 63.7  | 49.1  | 73.7  |





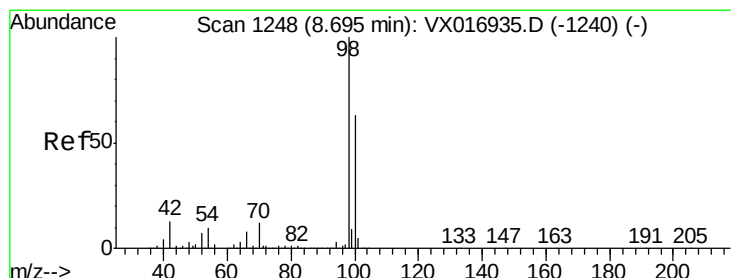
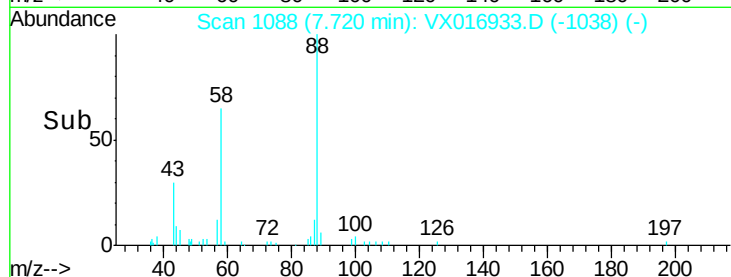
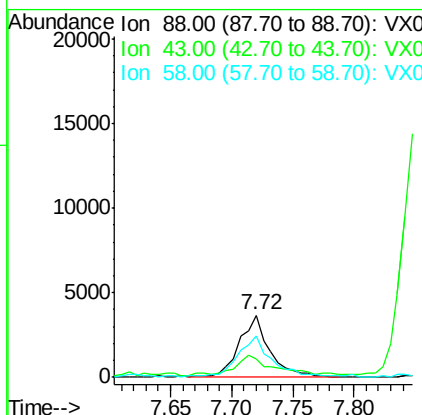
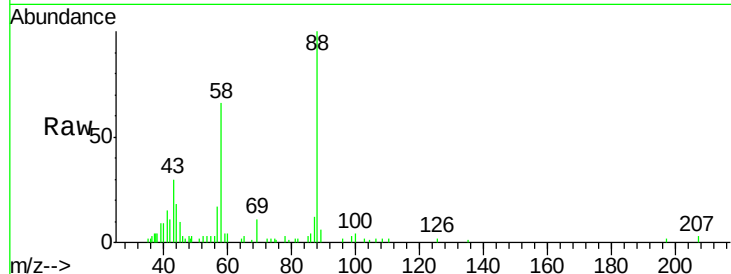
#49  
1,4-Dioxane  
Concen: 93.779 ug/l  
RT: 7.72 min Scan# 1088  
Delta R.T. 0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 39.0  | 27.3  | 40.9  |
| 58      | 75.0  | 57.4  | 86.0  |

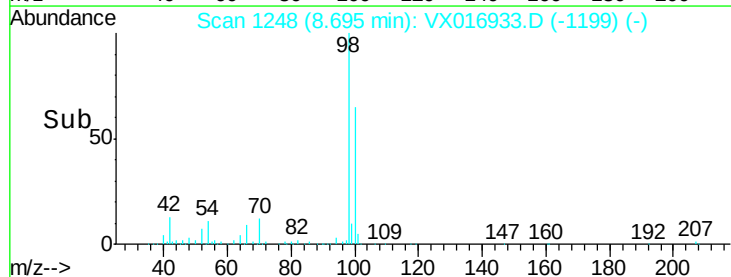
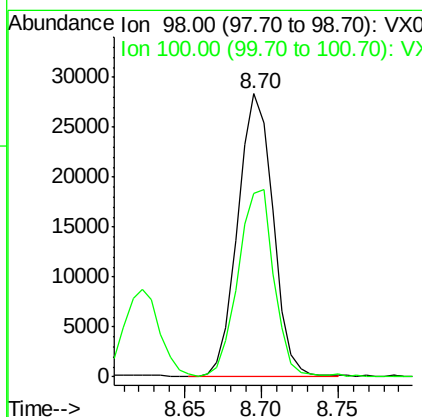
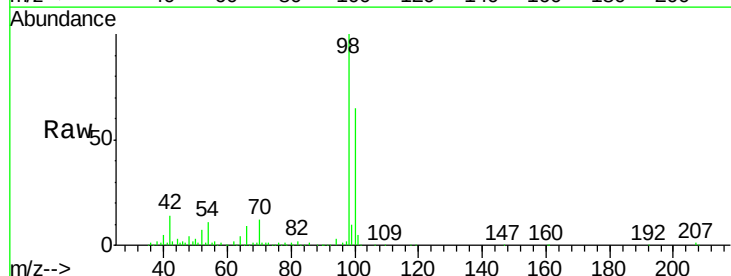
Manual Integrations  
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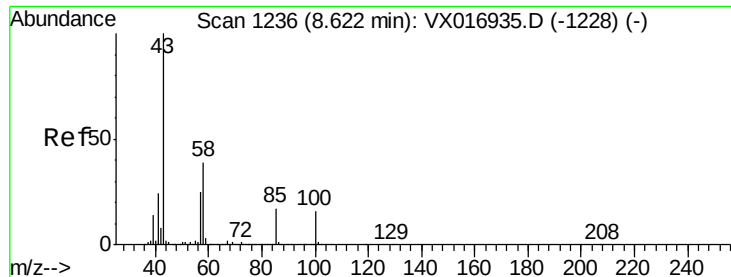
MMDadoda  
6/24/2020 10:54:32 AM



#50  
Toluene-d8  
Concen: 5.138 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.0  | 52.3  | 78.5  |





#51

4-Methyl-2-Pentanone

Concen: 24.045 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 93891

Ion Ratio Lower Upper

43 100

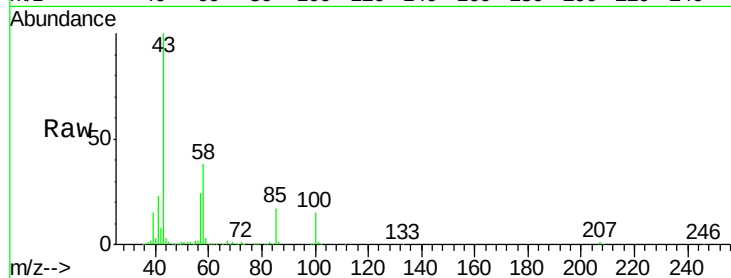
58 38.3 30.6 46.0

Manual Integrations

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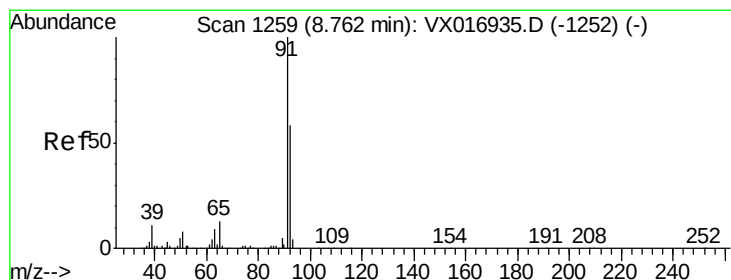
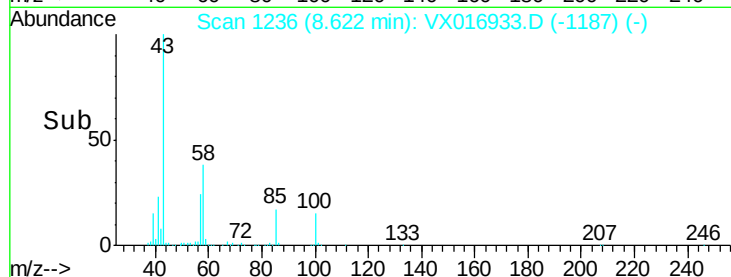
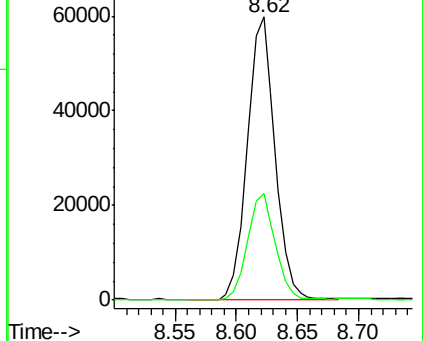
MMDadoda

6/24/2020 10:54:32 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.141 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016933.D

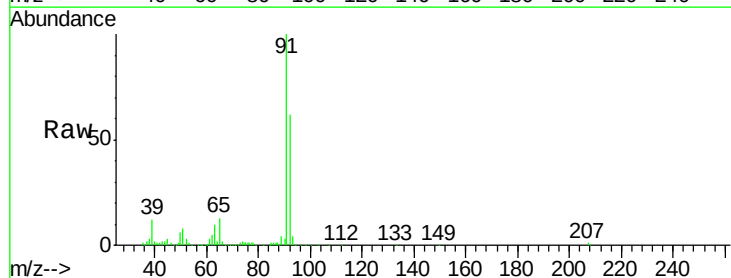
Acq: 23 Jun 2020 16:31

Tgt Ion: 92 Resp: 31683

Ion Ratio Lower Upper

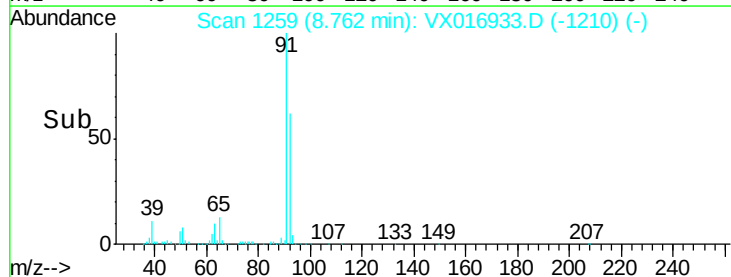
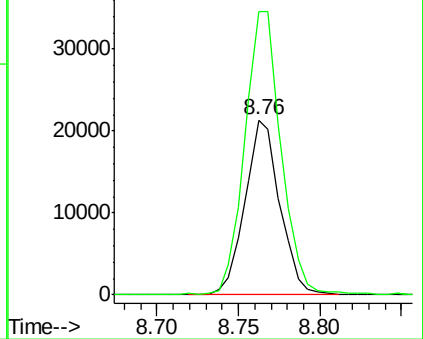
92 100

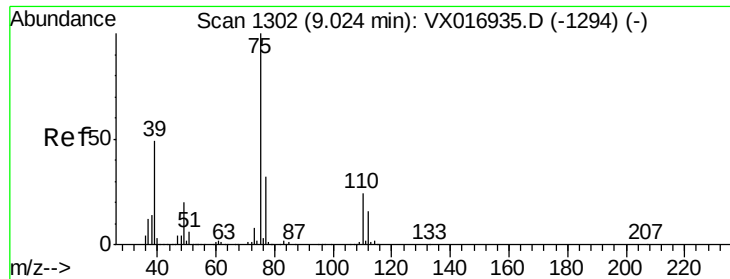
91 170.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





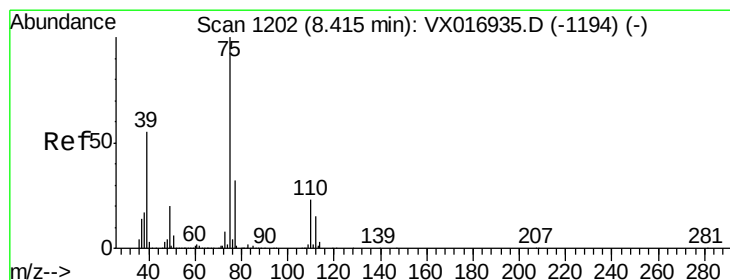
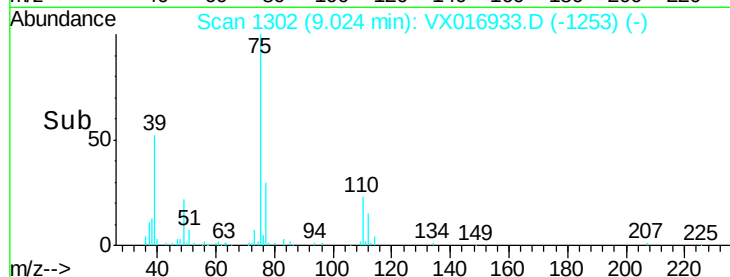
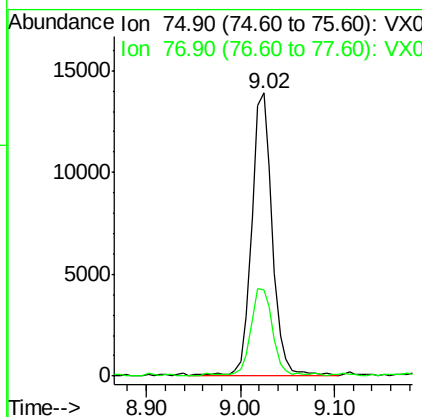
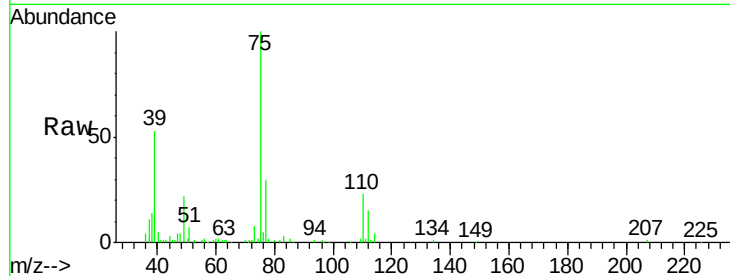
#53  
t-1,3-Dichloropropene  
Concen: 4.666 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 75 Resp: 21641  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.7 38.5

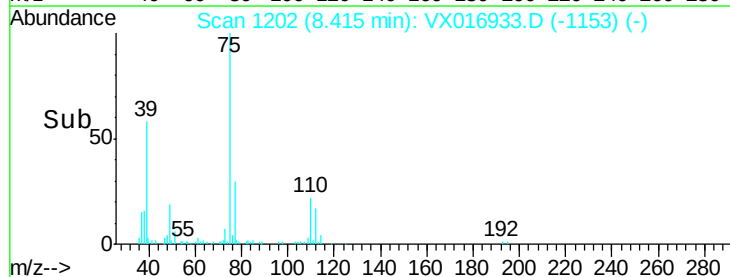
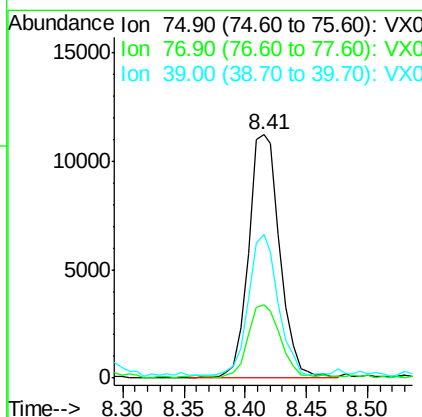
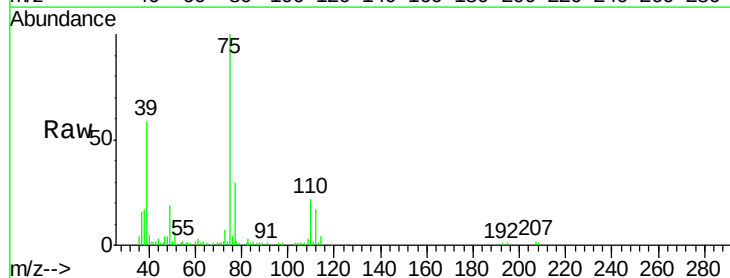
Manual Integrations  
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MMDadoda  
6/24/2020 10:54:32 AM

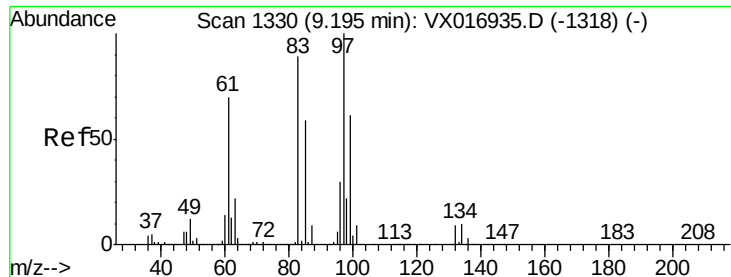


#54  
cis-1,3-Dichloropropene  
Concen: 4.477 ug/l  
RT: 8.41 min Scan# 1202  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Tgt Ion: 75 Resp: 20037  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.5 38.3  
39 57.8 44.4 66.6







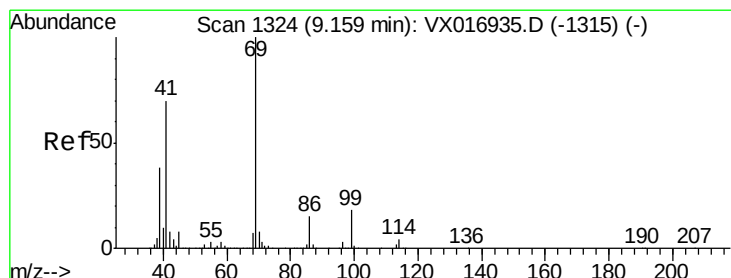
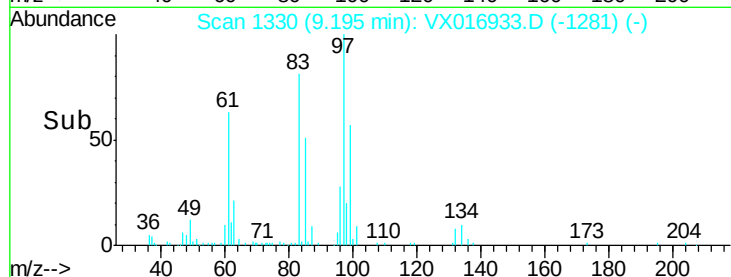
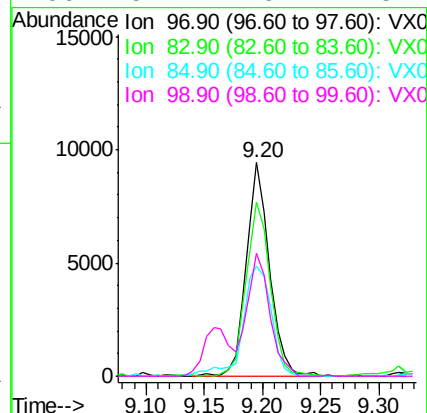
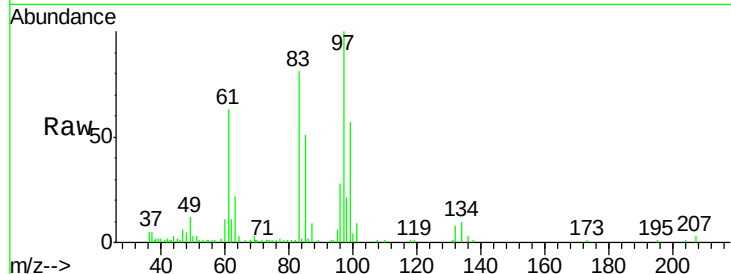
#55  
 1,1,2-Trichloroethane  
 Concen: 4.740 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 13231 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.4  | 71.3  | 106.9 |
| 85       | 51.3  | 47.4  | 71.2  |
| 99       | 57.4  | 49.1  | 73.7  |

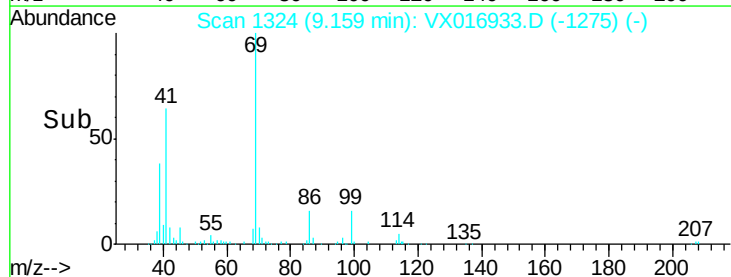
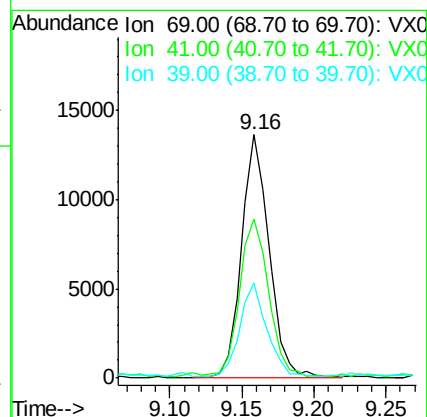
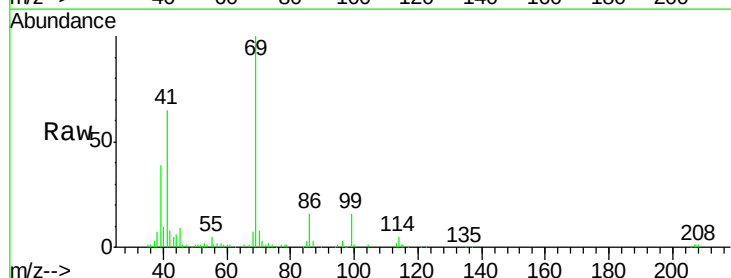
Manual Integrations  
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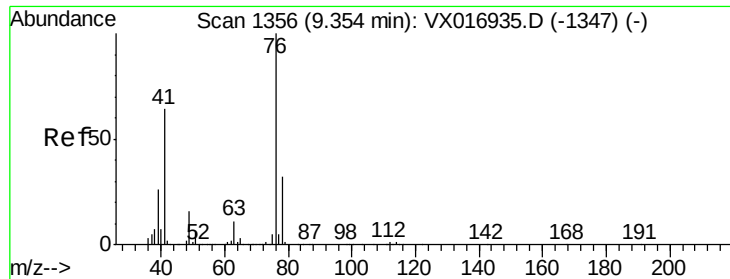
MMDadoda  
 6/24/2020 10:54:32 AM



#56  
 Ethyl methacrylate  
 Concen: 4.237 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 18319 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.3  | 56.6  | 84.8  |
| 39       | 37.6  | 31.8  | 47.8  |





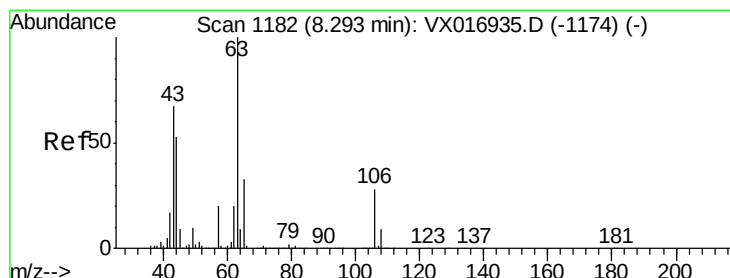
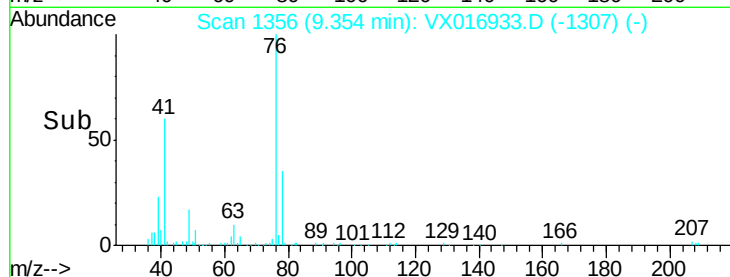
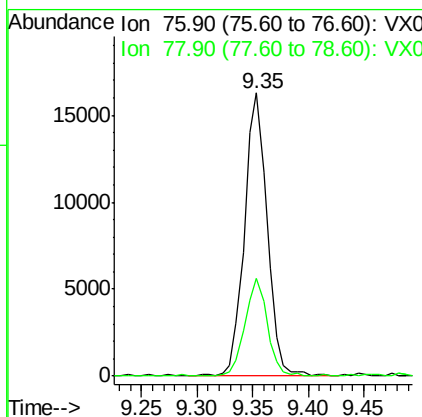
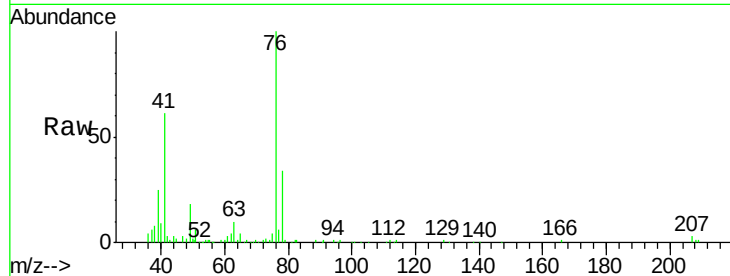
#57  
 1,3-Dichloropropane  
 Concen: 4.940 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.9  | 26.0  | 39.0  |

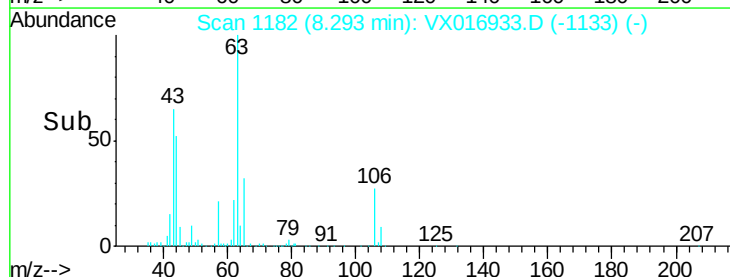
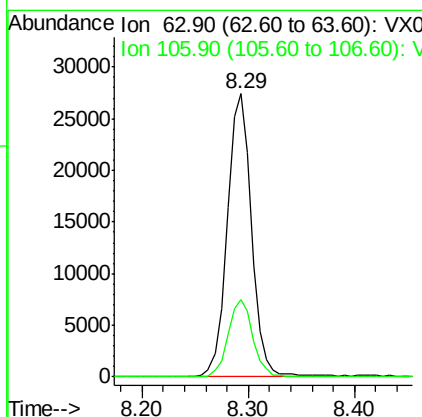
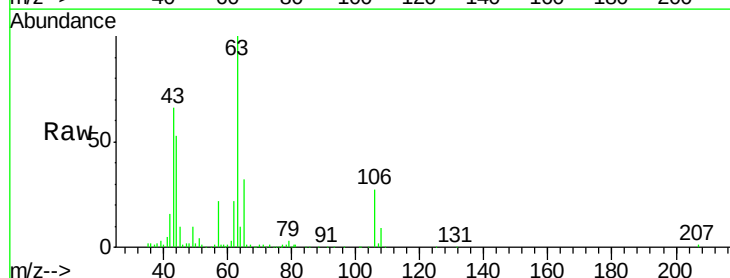
Manual Integrations  
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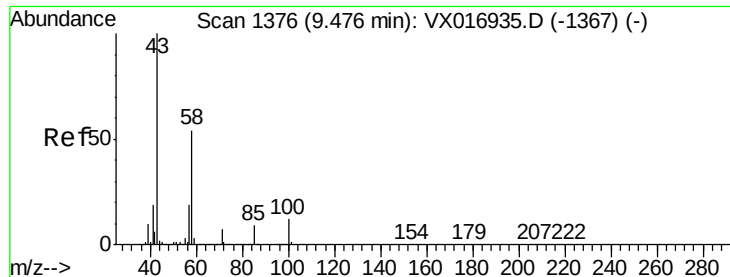
MMDadoda  
 6/24/2020 10:54:32 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 24.841 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 27.6  | 22.4  | 33.6  |





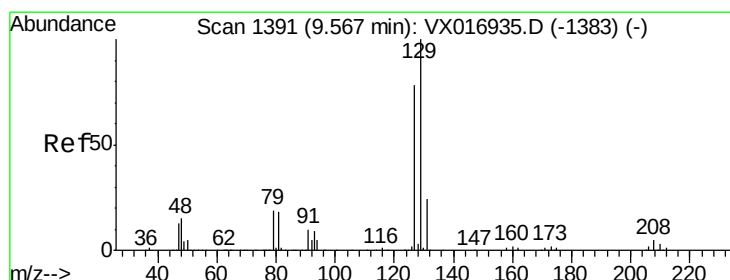
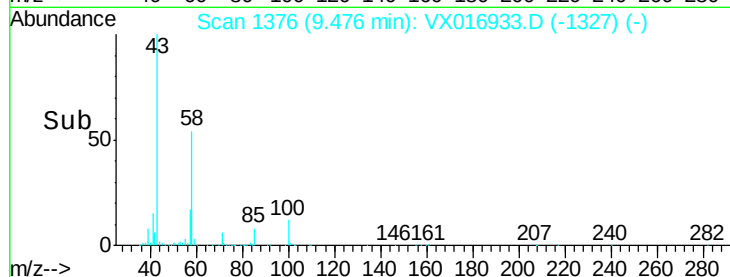
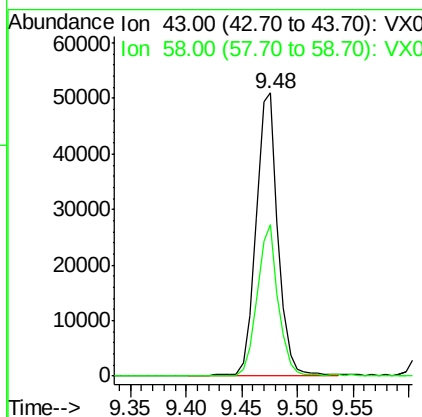
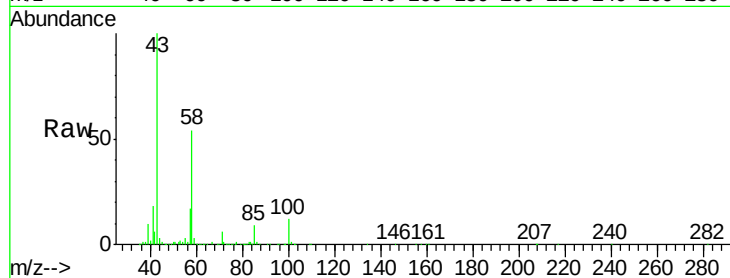
#59  
2-Hexanone  
Concen: 23.447 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 70109  
Ion Ratio Lower Upper  
43 100  
58 50.9 26.8 80.4

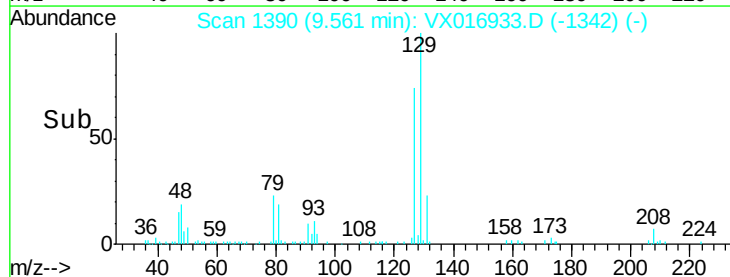
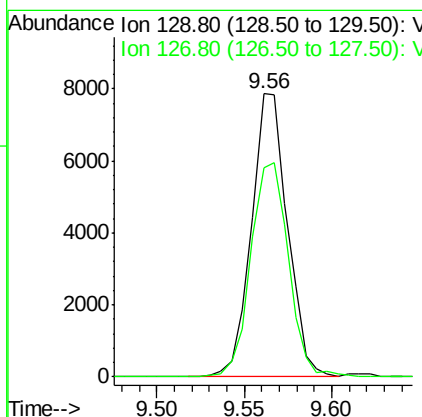
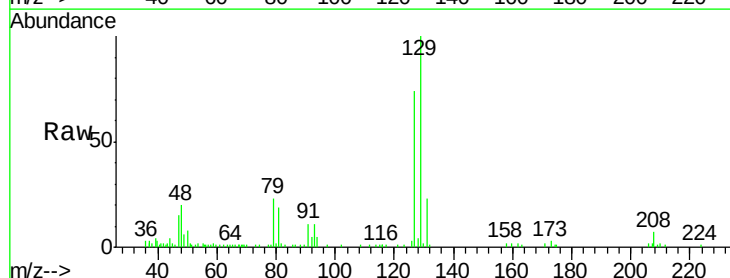
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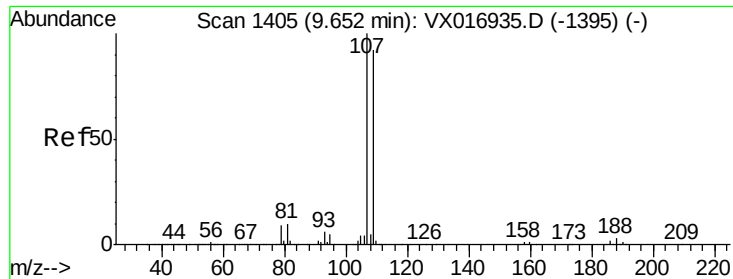
MMDadoda  
6/24/2020 10:54:32 AM



#60  
Dibromochloromethane  
Concen: 3.698 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Tgt Ion: 129 Resp: 11292  
Ion Ratio Lower Upper  
129 100  
127 79.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 3.842 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 11041

Ion Ratio Lower Upper

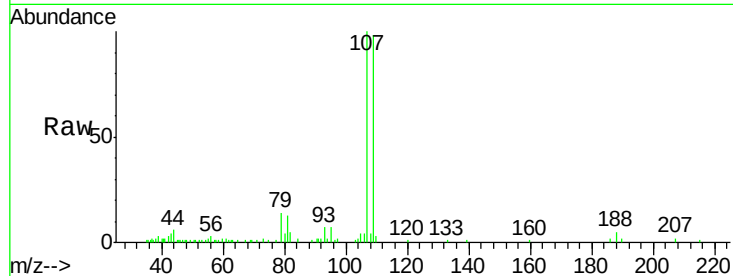
107 100

109 96.0 73.8 110.8

Manual Integrations  
APPROVED

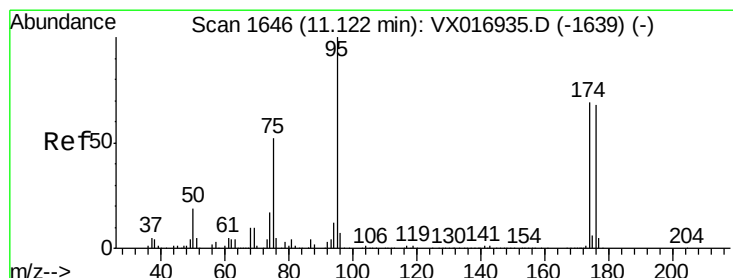
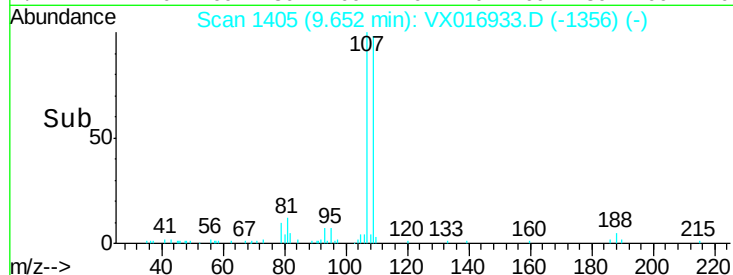
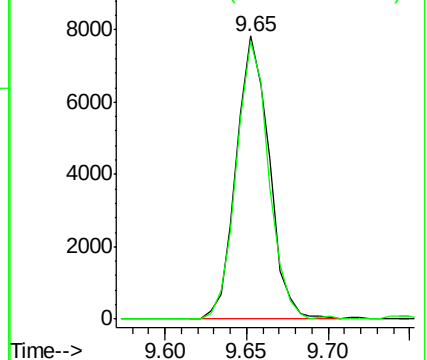
MMDadoda

6/24/2020 10:54:32 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.192 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

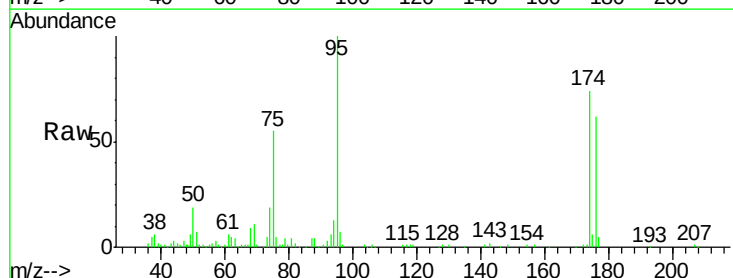
Tgt Ion: 95 Resp: 18533

Ion Ratio Lower Upper

95 100

174 72.6 0.0 138.0

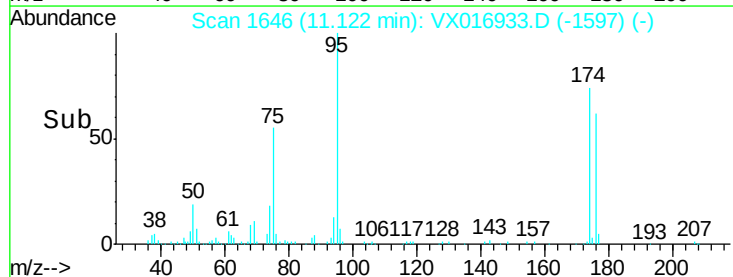
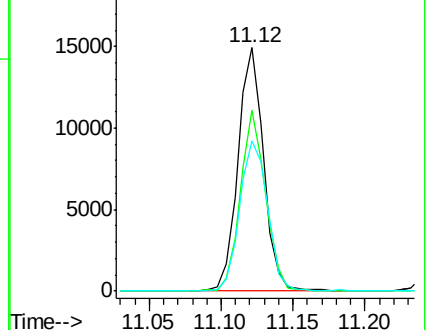
176 67.0 0.0 135.4

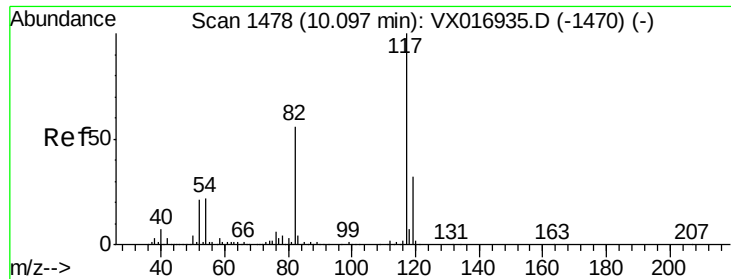


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





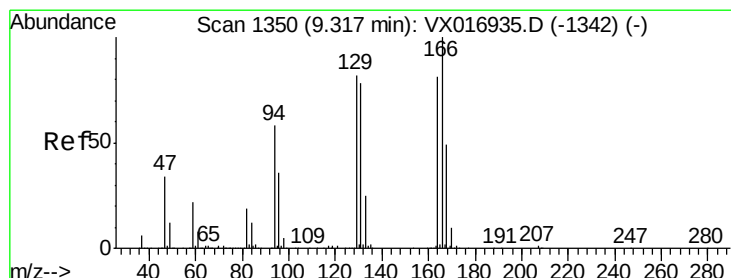
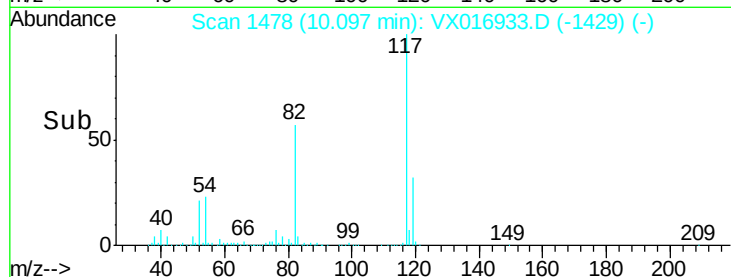
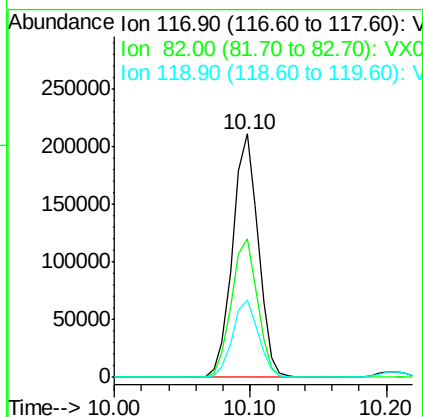
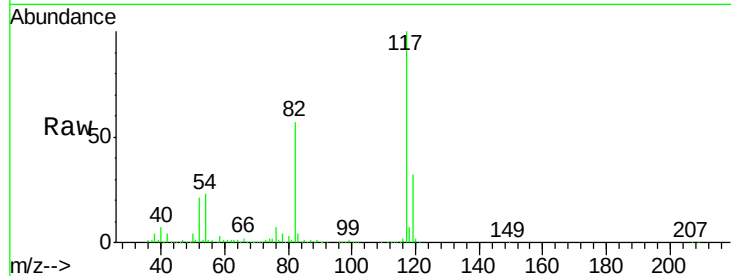
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.7  | 44.7  | 67.1  |
| 119     | 31.6  | 25.4  | 38.0  |

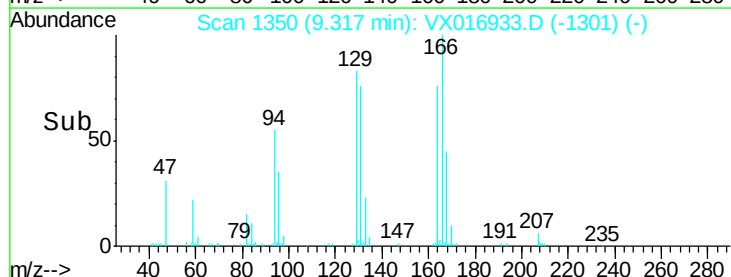
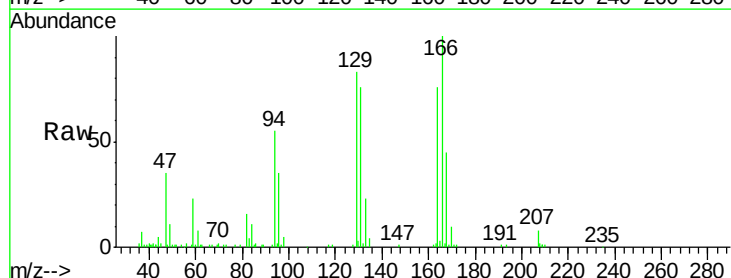
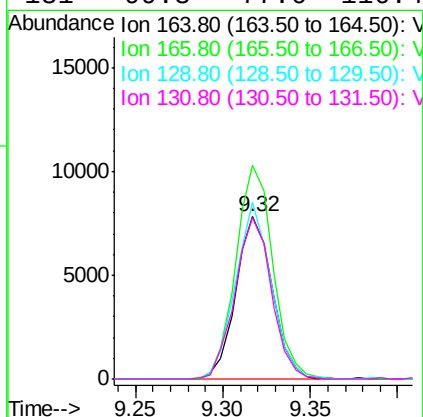
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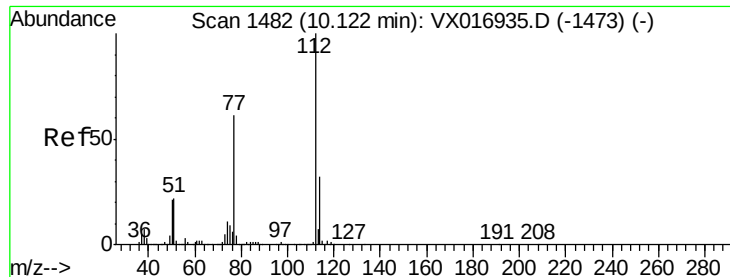
MMDadoda  
6/24/2020 10:54:32 AM



#64  
Tetrachloroethene  
Concen: 6.084 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.6 | 99.3  | 148.9 |
| 129     | 108.9 | 81.4  | 122.0 |
| 131     | 99.3  | 77.6  | 116.4 |





#65

Chlorobenzene

Concen: 5.076 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 28633

Ion Ratio Lower Upper

112 100

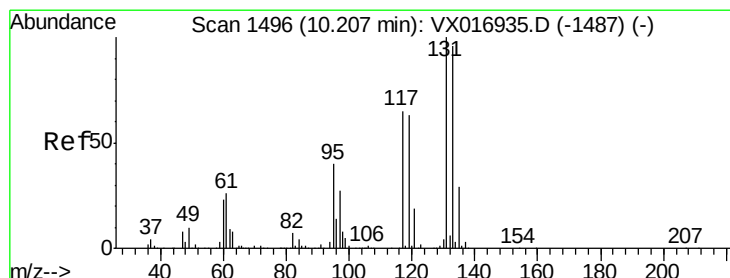
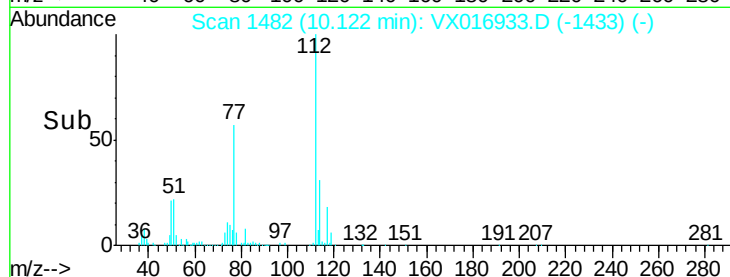
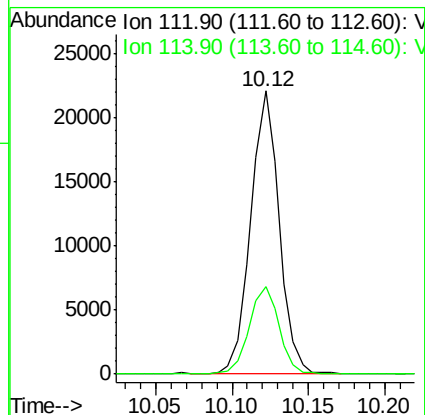
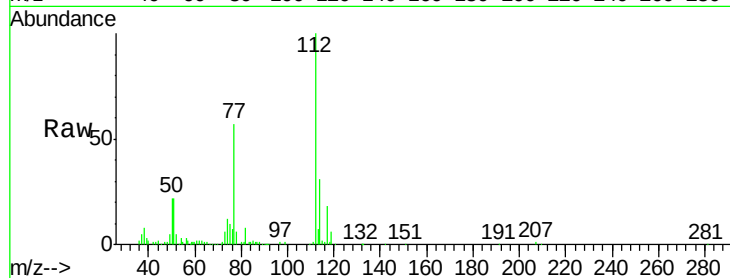
114 30.8 25.5 38.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 4.922 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

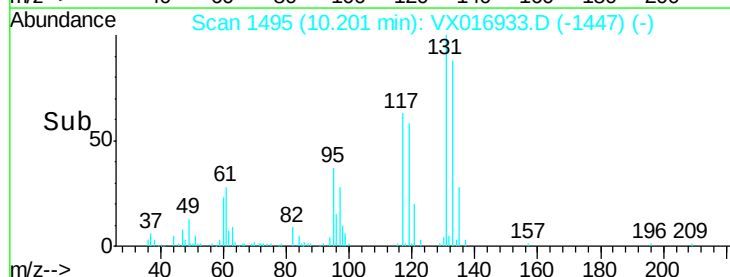
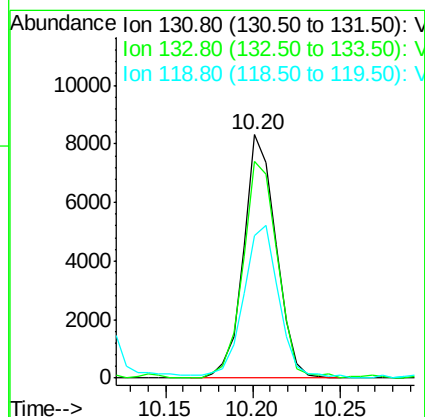
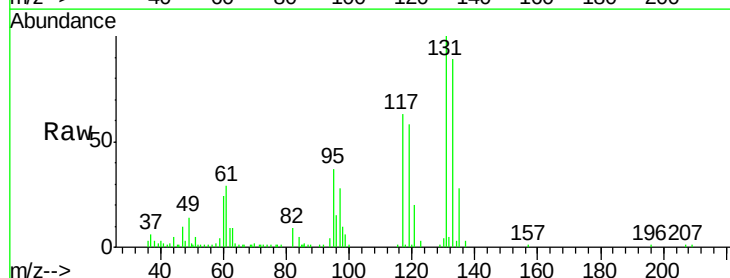
Tgt Ion:131 Resp: 10755

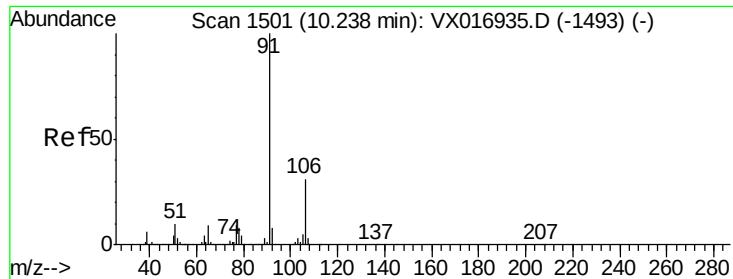
Ion Ratio Lower Upper

131 100

133 94.6 48.3 144.9

119 68.9 32.7 98.1





#67

Ethyl Benzene

Concen: 5.051 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 50950

Ion Ratio Lower Upper

91 100

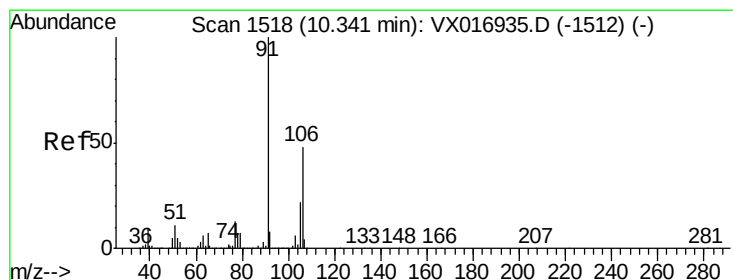
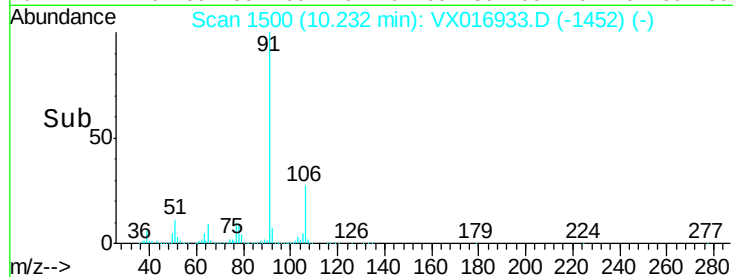
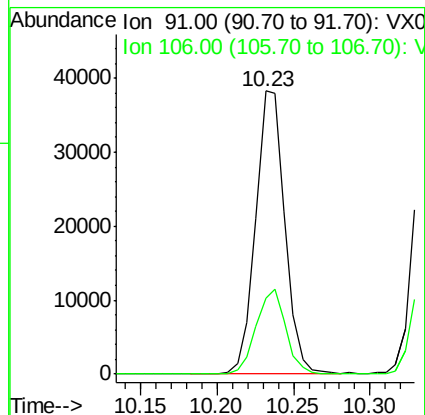
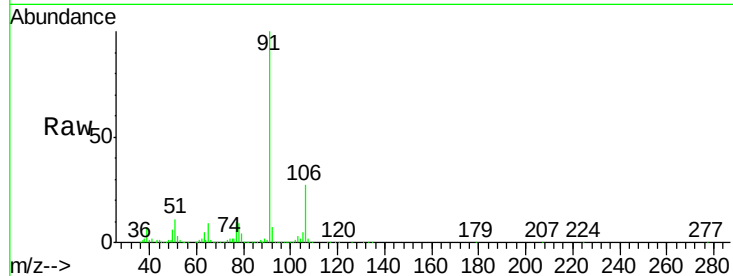
106 26.9 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 10.337 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016933.D

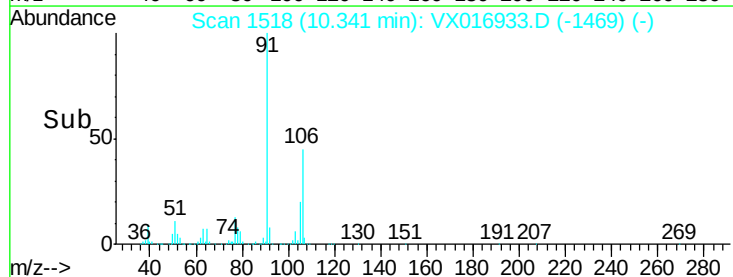
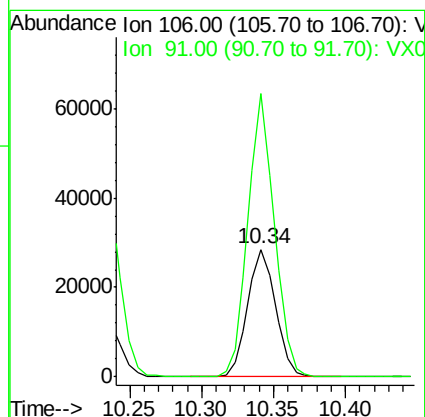
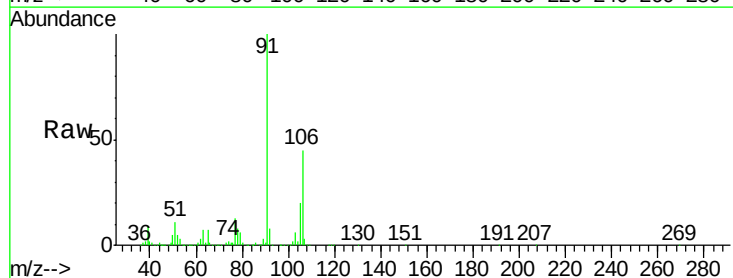
Acq: 23 Jun 2020 16:31

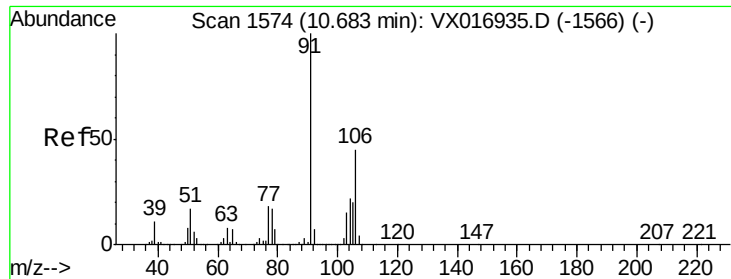
Tgt Ion: 106 Resp: 38297

Ion Ratio Lower Upper

106 100

91 209.3 166.2 249.2





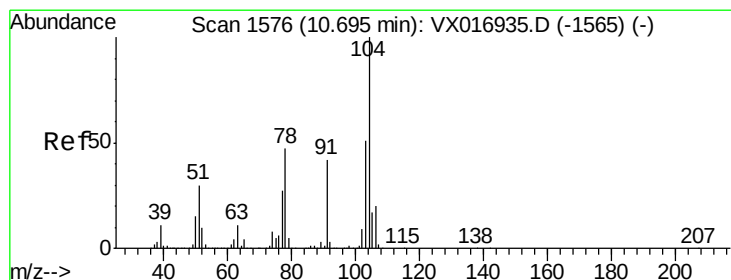
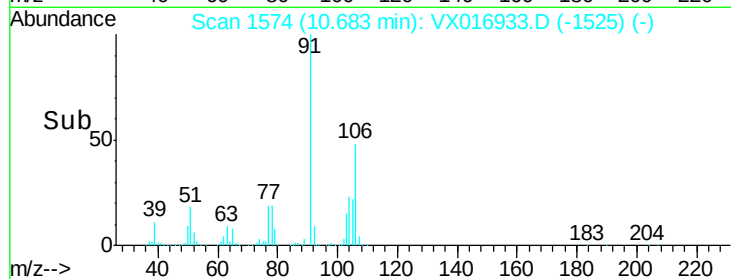
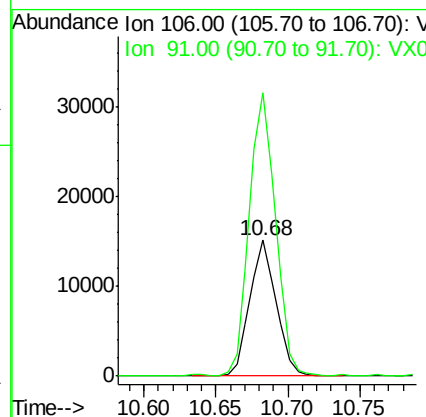
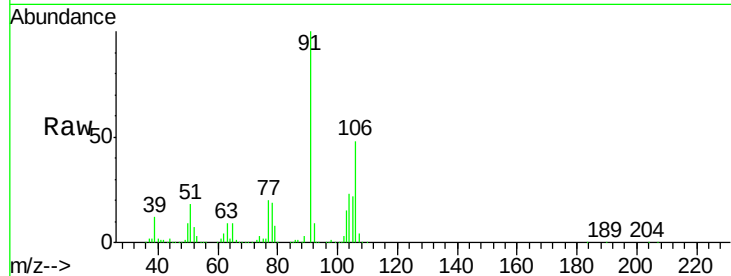
#69  
o-Xylene  
Concen: 5.429 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion:106 Resp: 19213  
Ion Ratio Lower Upper  
106 100  
91 207.0 109.8 329.4

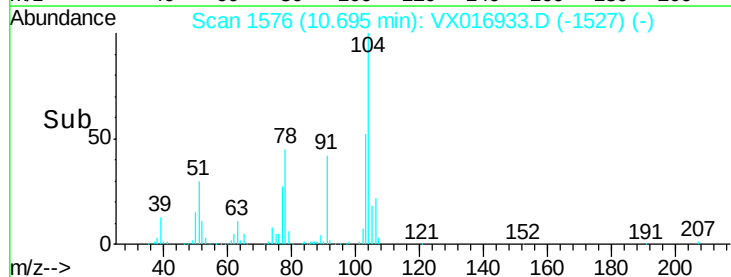
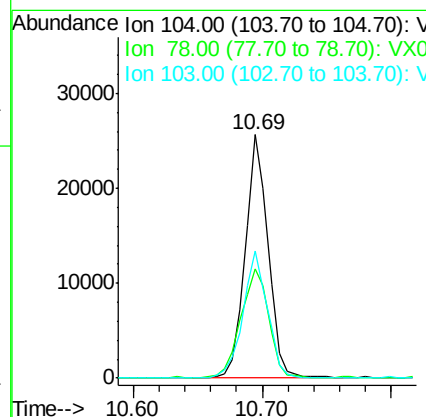
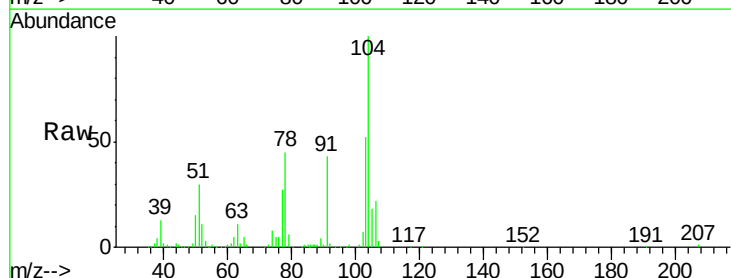
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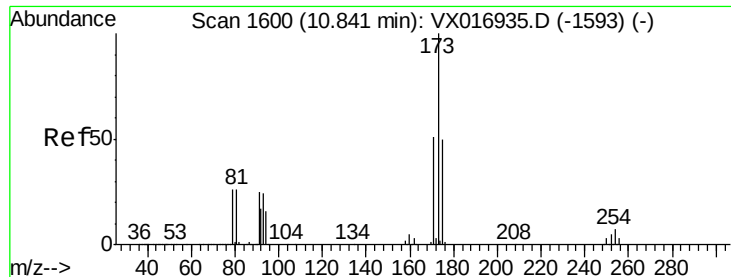


#70  
Styrene  
Concen: 5.224 ug/l  
RT: 10.69 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Tgt Ion:104 Resp: 31464  
Ion Ratio Lower Upper  
104 100  
78 54.4 41.6 62.4  
103 56.1 42.7 64.1







#71

Bromoform

Concen: 5.758 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

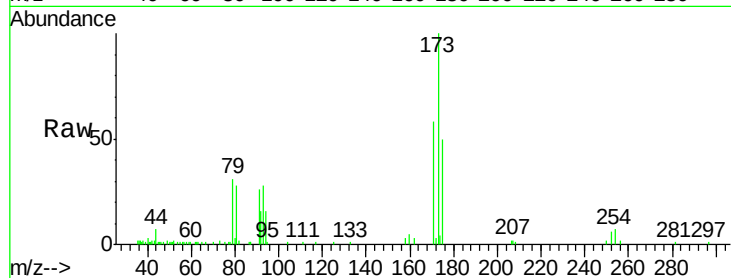
ClientSampleId :

VSTDIC005

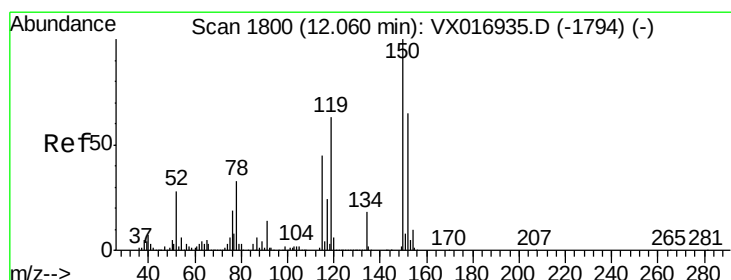
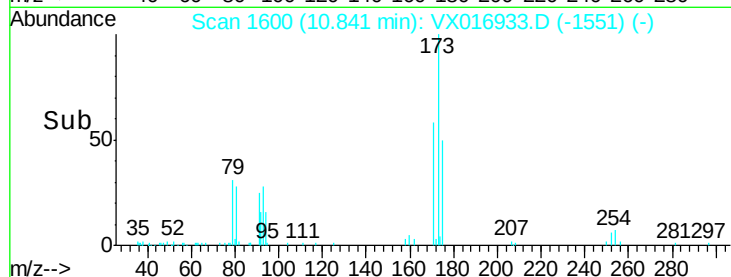
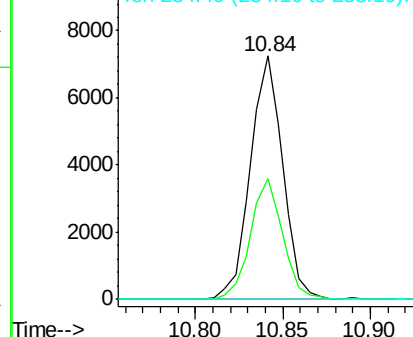
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 173   | Resp: | 9356 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 49.6  | 24.3  | 72.9 |
| 254       | 0.0   | 0.1   | 0.1# |

Manual Integrations  
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MMDadoda  
6/24/2020 10:54:32 AM



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

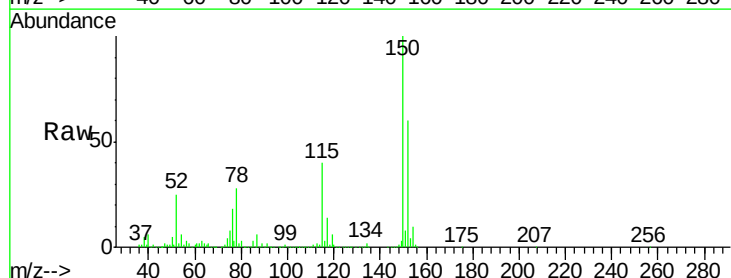
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

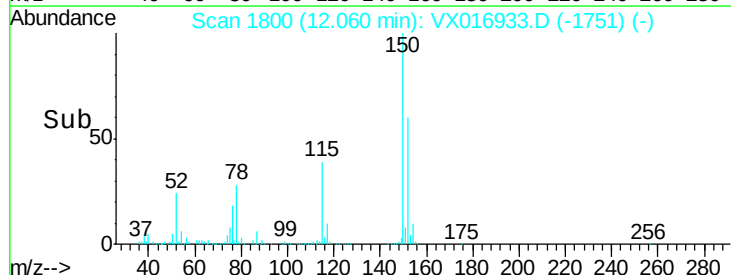
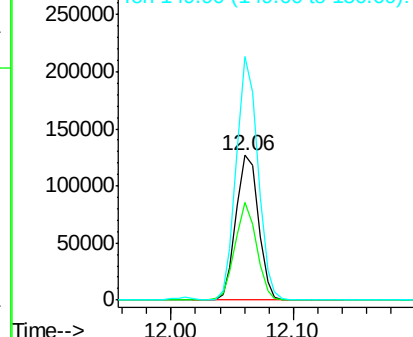
Lab File: VX016933.D

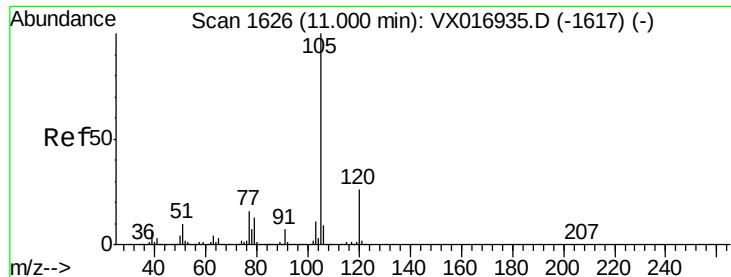
Acq: 23 Jun 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 160299 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 64.7  | 43.1  | 129.4  |
| 150       | 161.3 | 0.0   | 346.0  |



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





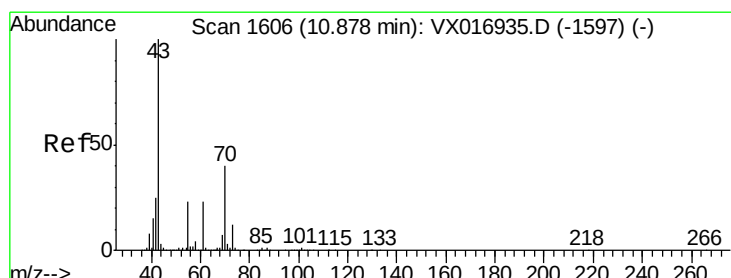
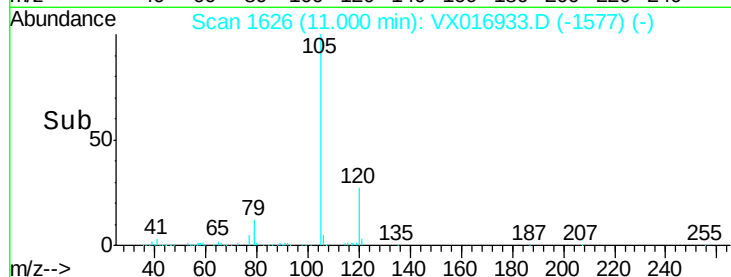
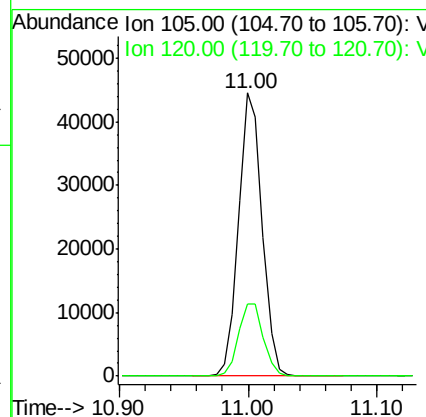
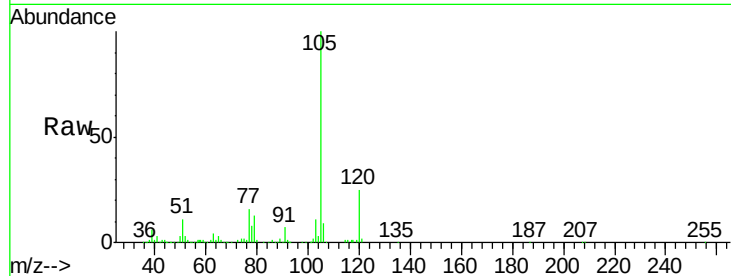
#73  
Isopropylbenzene  
Concen: 4.776 ug/l  
RT: 11.00 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.9  | 13.1  | 39.3  |

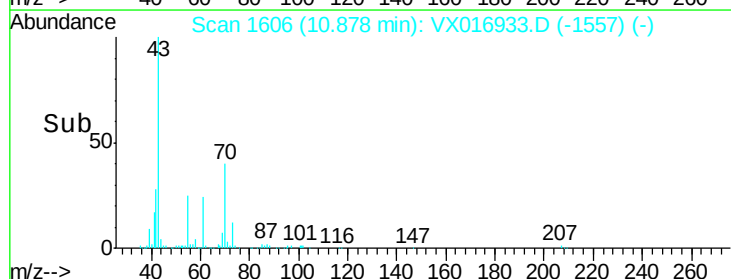
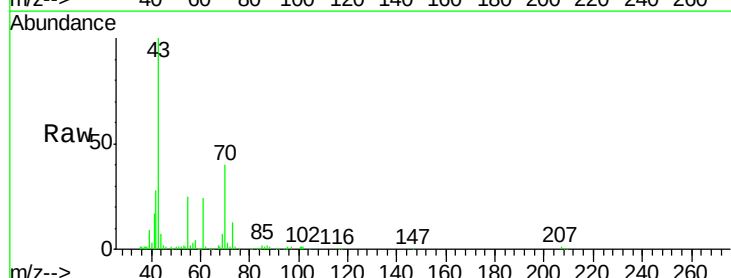
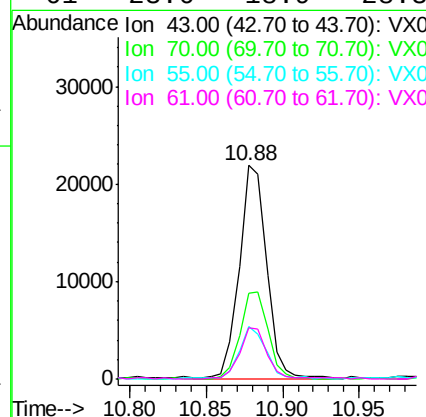
Manual Integrations  
APPROVED

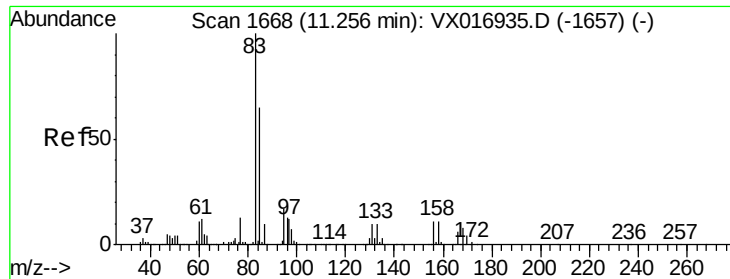
MMDadoda  
6/24/2020 10:54:32 AM



#74  
N-ethyl acetate  
Concen: 4.607 ug/l  
RT: 10.88 min Scan# 1606  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 41.5  | 32.6  | 49.0  |
| 55      | 24.4  | 18.8  | 28.2  |
| 61      | 23.6  | 18.9  | 28.3  |





#75

1,1,2,2-Tetrachloroethane

Concen: 5.029 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

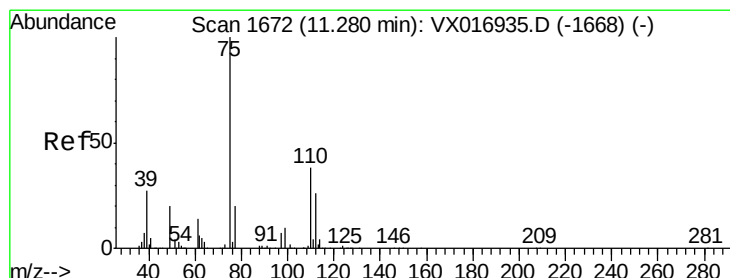
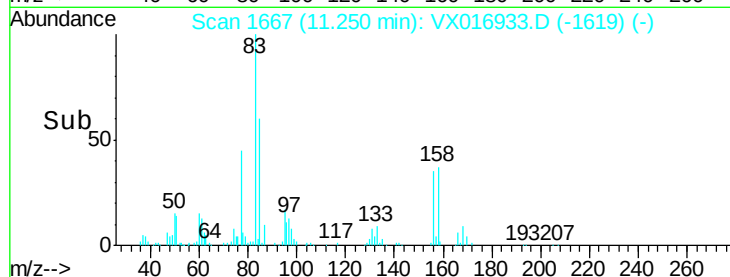
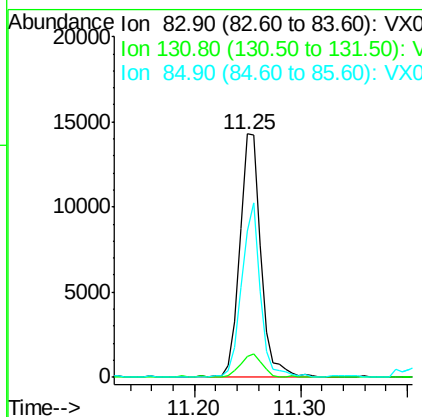
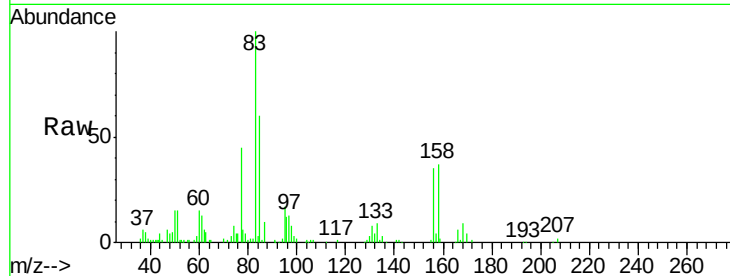
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 20016 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.8   | 5.1   | 15.2  |
| 85        | 63.5  | 32.3  | 96.8  |

Manual Integrations  
APPROVED

MMDadoda  
6/24/2020 10:54:32 AM



#76

1,2,3-Trichloropropane

Concen: 4.196 ug/l m

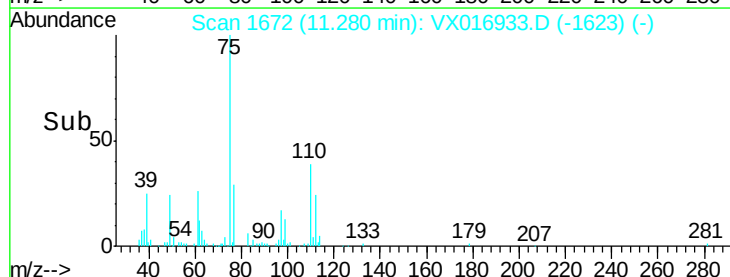
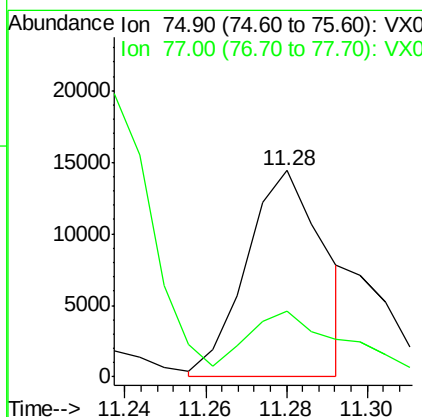
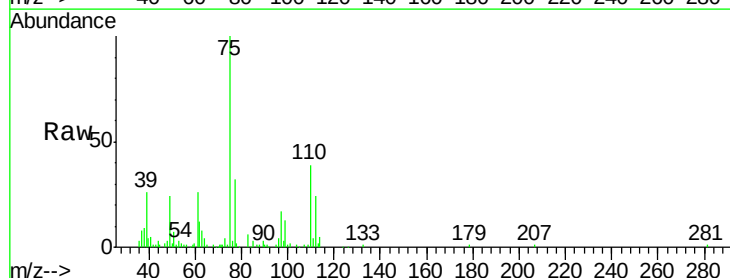
RT: 11.28 min Scan# 1672

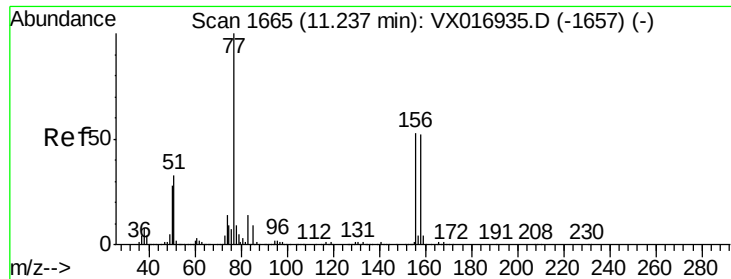
Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 19257 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 40.2  | 20.1  | 60.3  |





#77

Bromobenzene

Concen: 4.989 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 14569

Ion Ratio Lower Upper

156 100

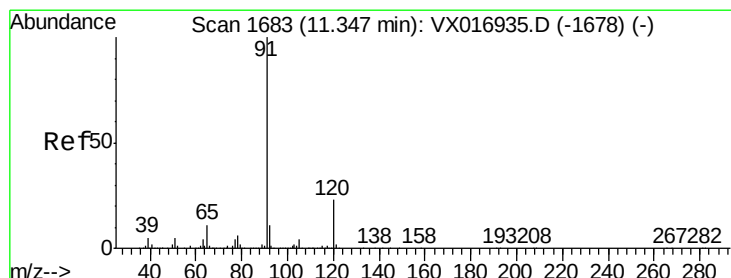
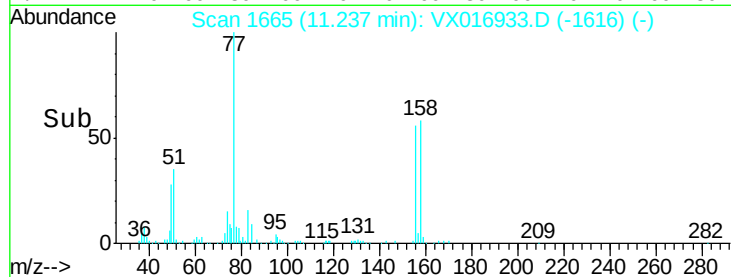
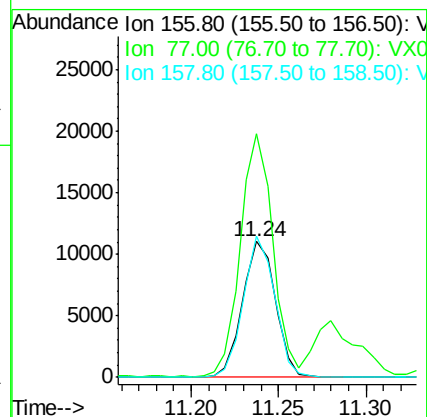
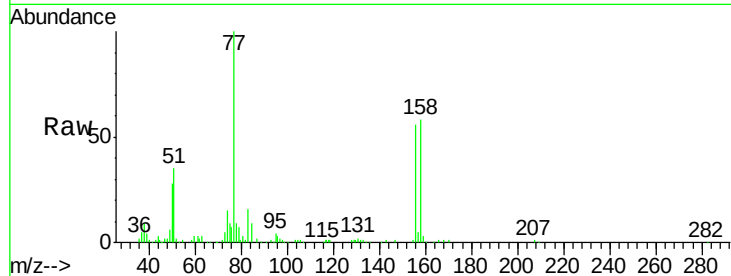
77 176.0 91.0 273.1

158 98.3 48.4 145.3

Manual Integrations  
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6/24/2020 10:54:32 AM



#78

n-propylbenzene

Concen: 4.921 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016933.D

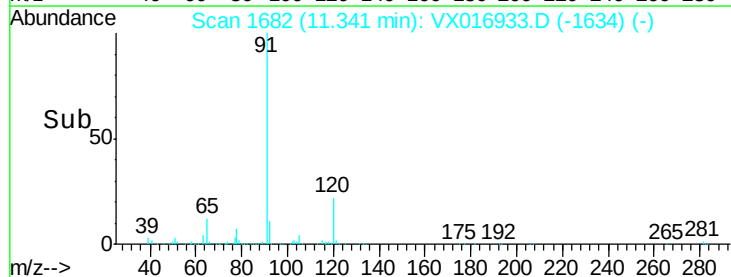
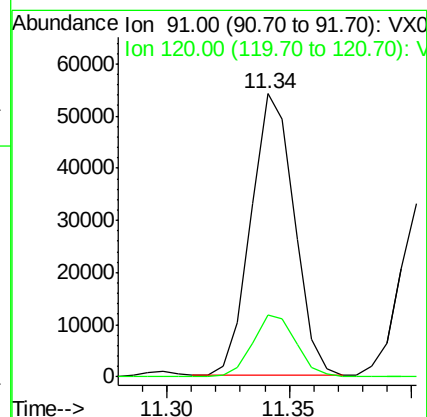
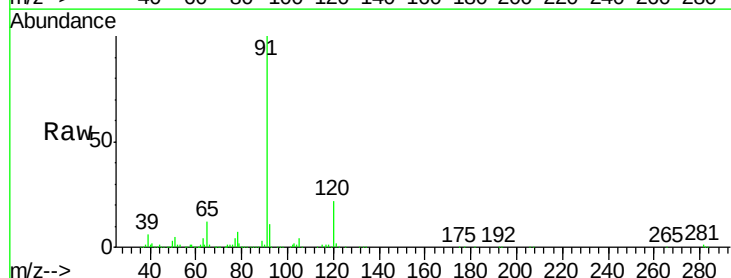
Acq: 23 Jun 2020 16:31

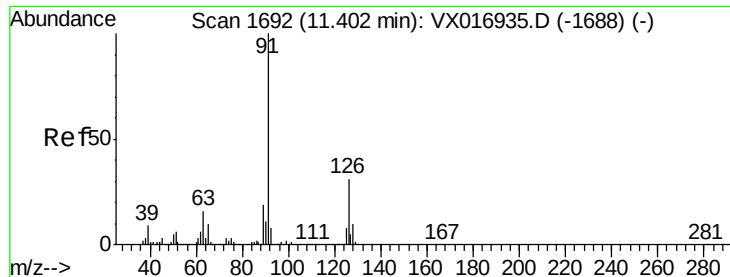
Tgt Ion: 91 Resp: 66729

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.6





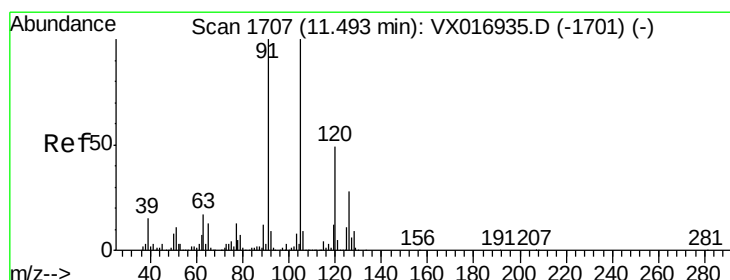
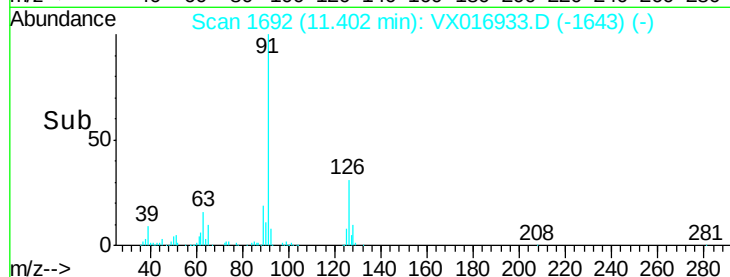
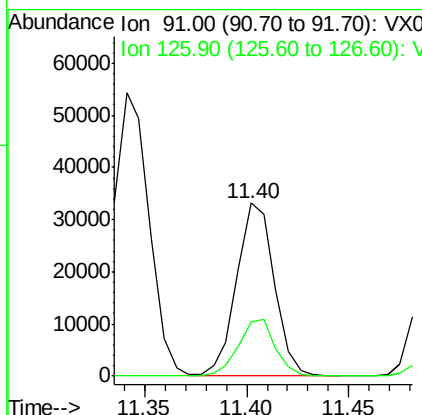
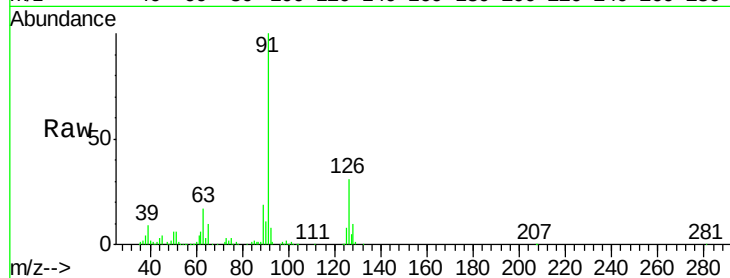
#79  
2-Chlorotoluene  
Concen: 4.892 ug/l  
RT: 11.40 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.3  | 16.2  | 48.6  |

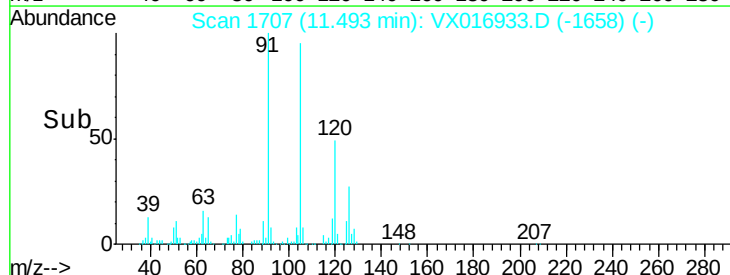
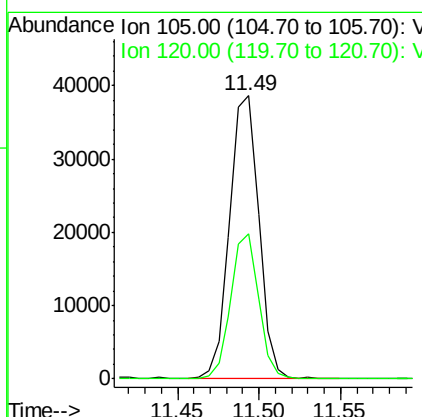
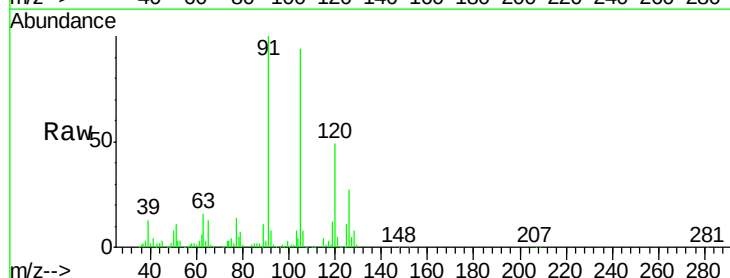
Manual Integrations  
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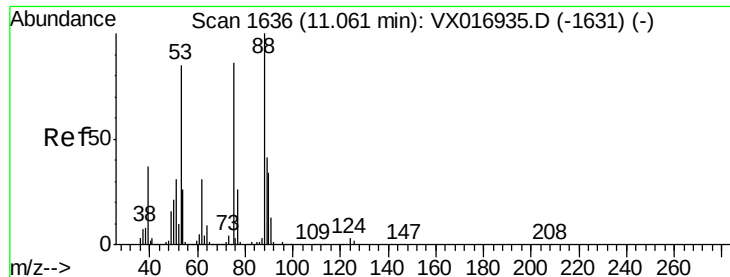
MMDadoda  
6/24/2020 10:54:32 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 4.833 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 49.0  | 24.2  | 72.6  |





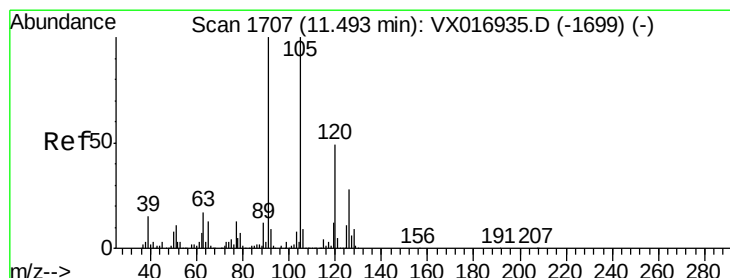
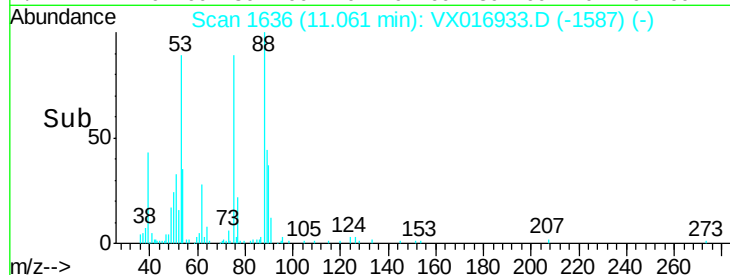
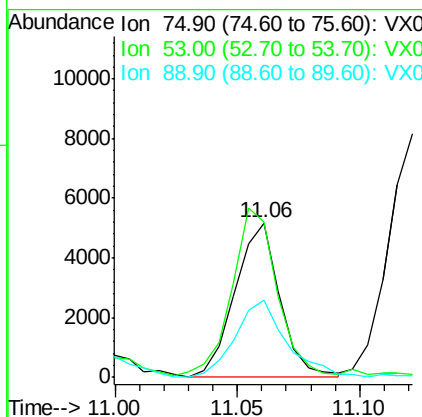
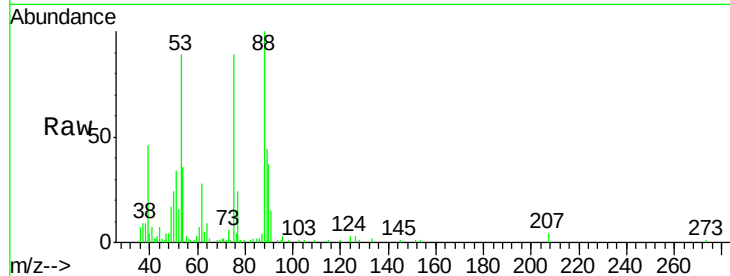
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.304 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 111.6 | 78.9  | 118.3 |
| 89      | 56.6  | 37.0  | 55.6# |

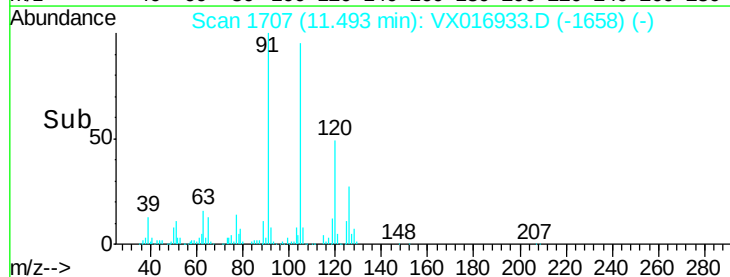
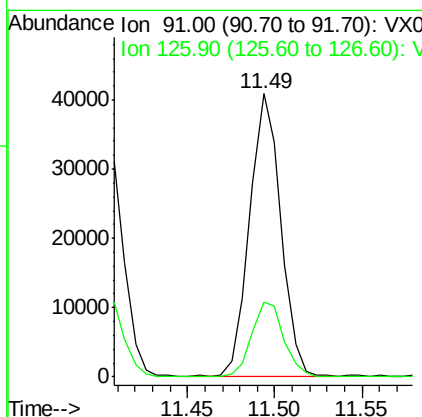
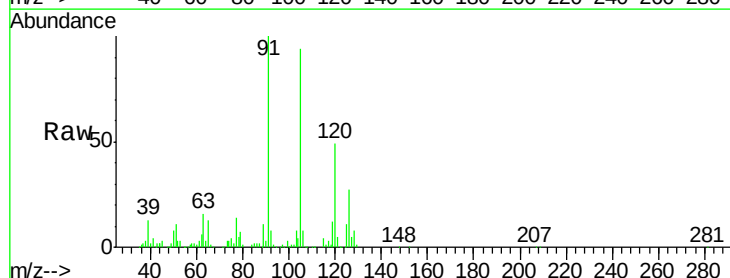
Manual Integrations  
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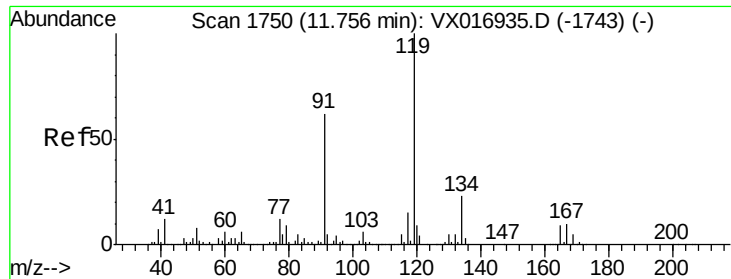
MMDadoda  
6/24/2020 10:54:32 AM



#82  
4-Chlorotoluene  
Concen: 4.888 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 27.5  | 14.1  | 42.4  |





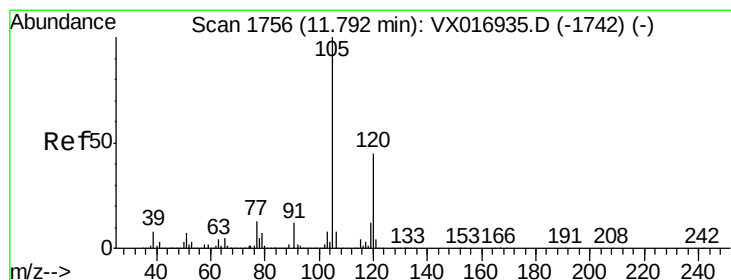
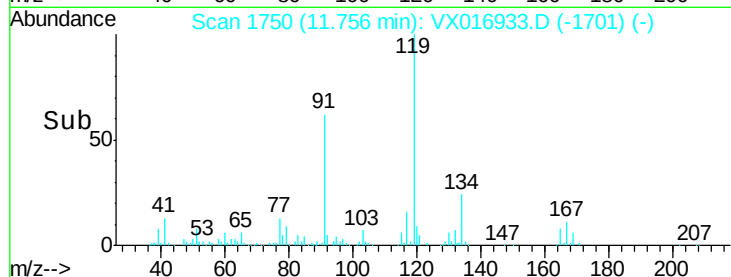
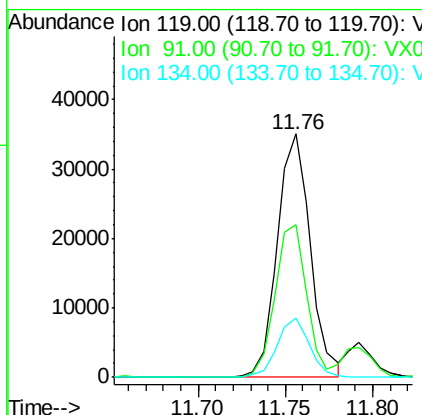
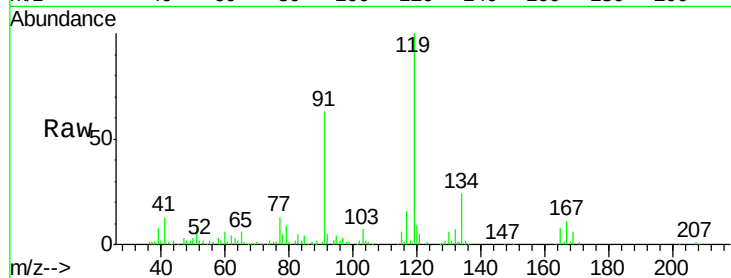
#83  
 tert-Butylbenzene  
 Concen: 4.704 ug/l  
 RT: 11.76 min Scan# 1750  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 60.2  | 30.3  | 90.9  |
| 134     | 23.9  | 11.4  | 34.2  |

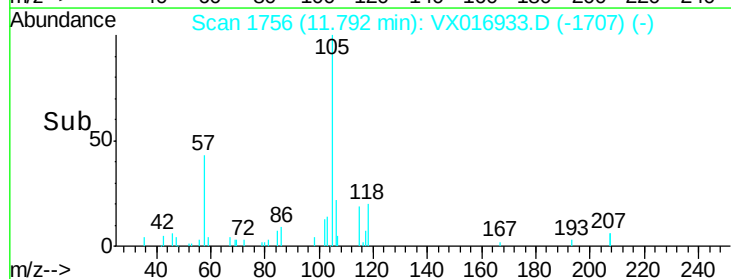
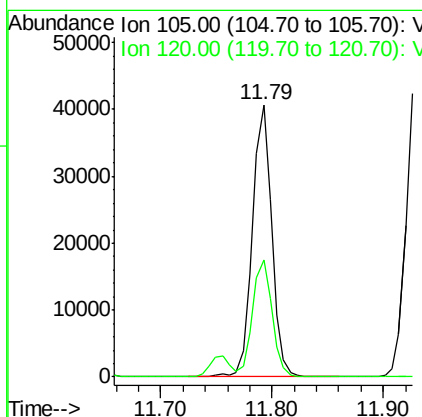
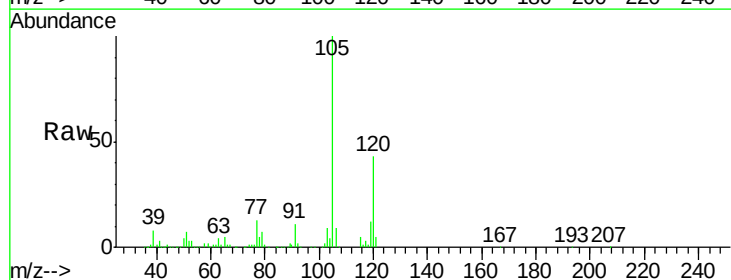
Manual Integrations  
 APPROVED

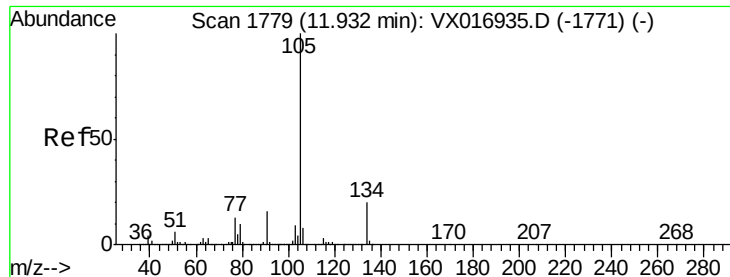
MMDadoda  
 6/24/2020 10:54:32 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 4.955 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.3  | 22.4  | 67.0  |





#85

sec-Butylbenzene

Concen: 5.017 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 55510

Ion Ratio Lower Upper

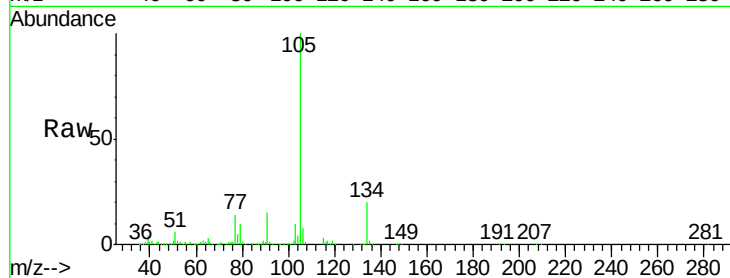
105 100

134 19.4 9.8 29.3

Manual Integrations  
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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

50000

40000

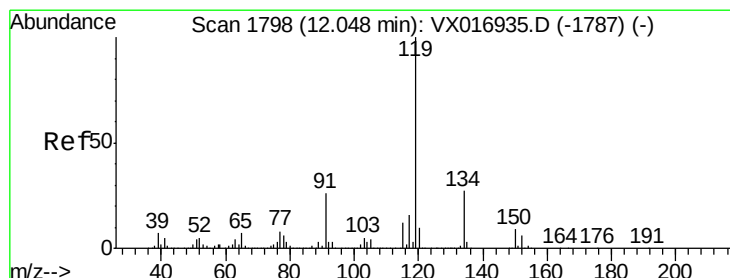
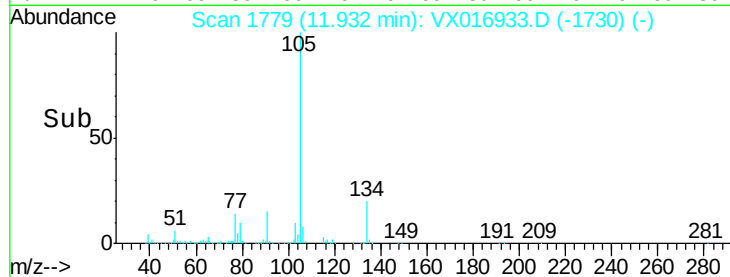
30000

20000

10000

0

Time-->



#86

p-Isopropyltoluene

Concen: 4.864 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

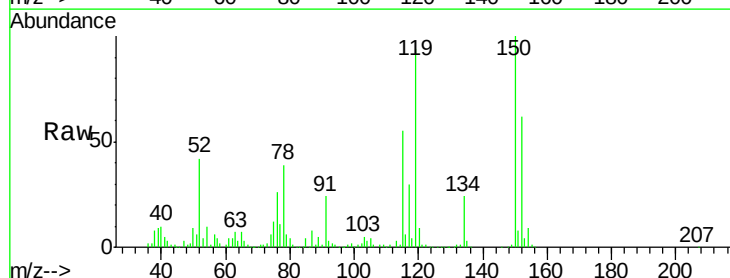
Tgt Ion:119 Resp: 49807

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

91 27.9 12.6 37.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

50000

40000

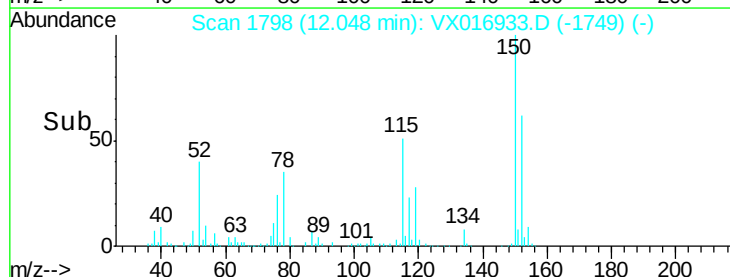
30000

20000

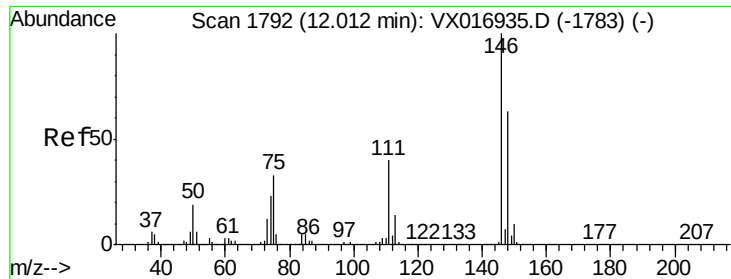
10000

0

Time-->







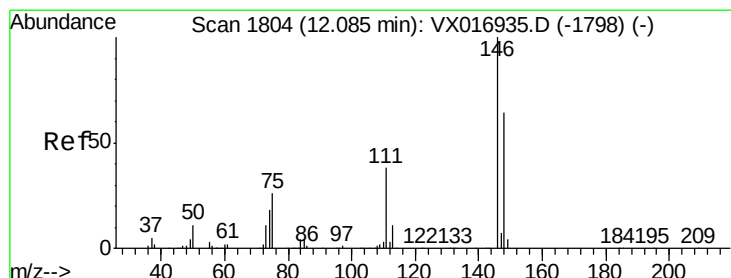
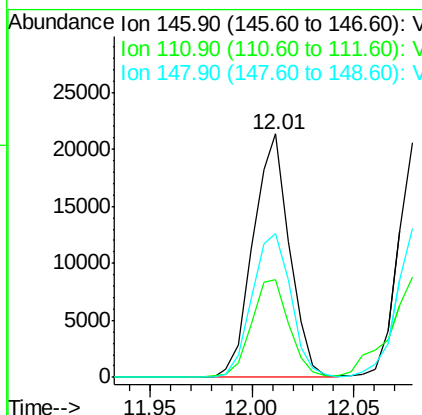
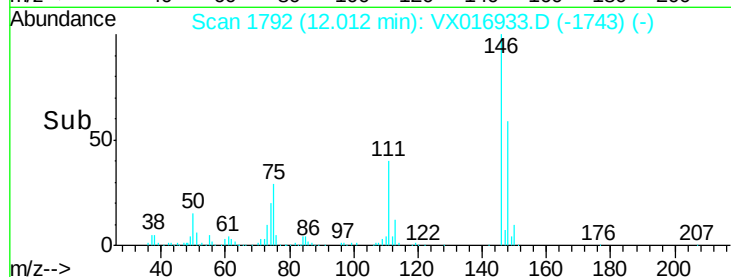
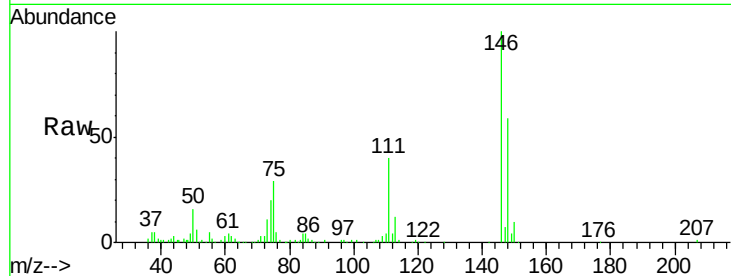
#87  
 1,3-Dichlorobenzene  
 Concen: 5.054 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 20.8  | 62.5  |
| 148     | 62.9  | 32.3  | 96.9  |

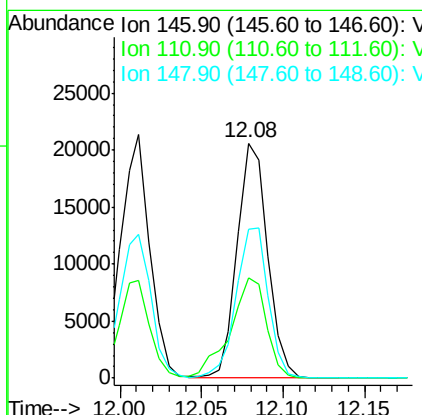
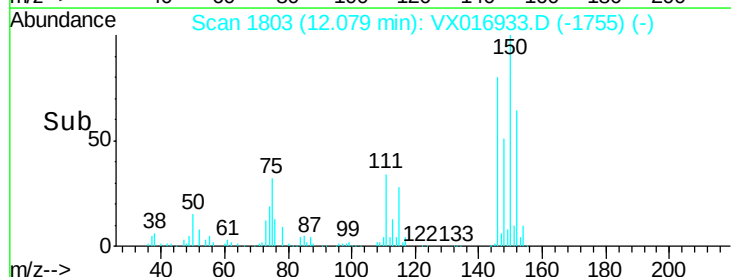
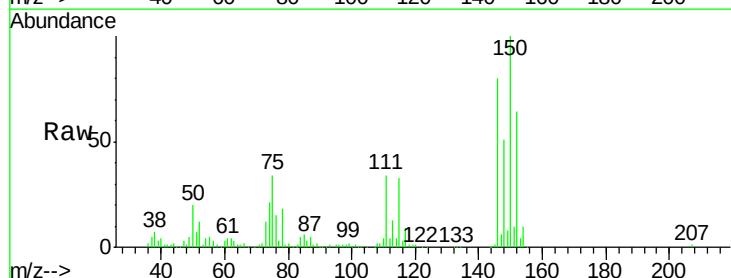
Manual Integrations  
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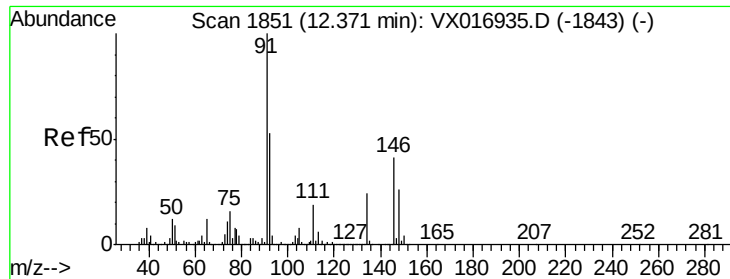
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 5.114 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 50.6  | 20.3  | 61.0  |
| 148     | 67.5  | 31.8  | 95.3  |





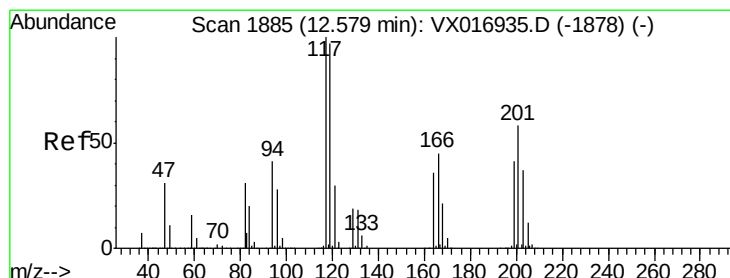
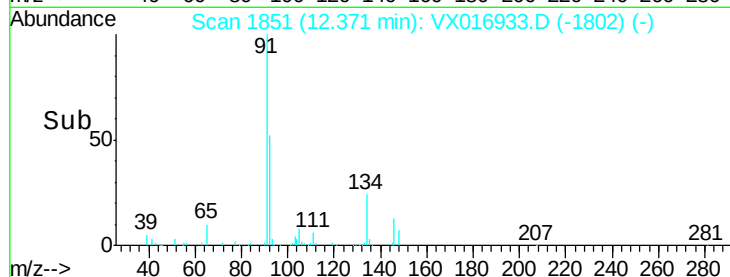
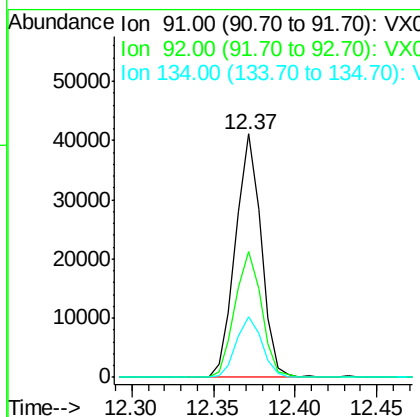
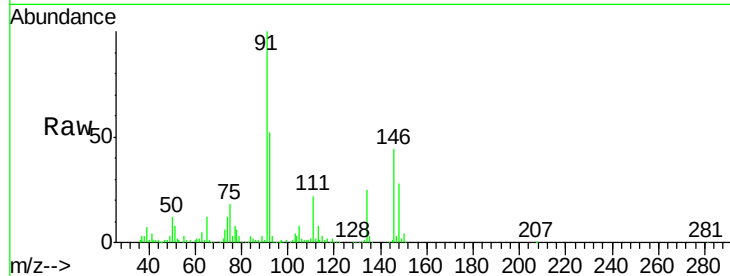
#89  
n-Butylbenzene  
Concen: 4.662 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.4  | 26.8  | 80.3  |
| 134     | 24.9  | 12.3  | 36.8  |

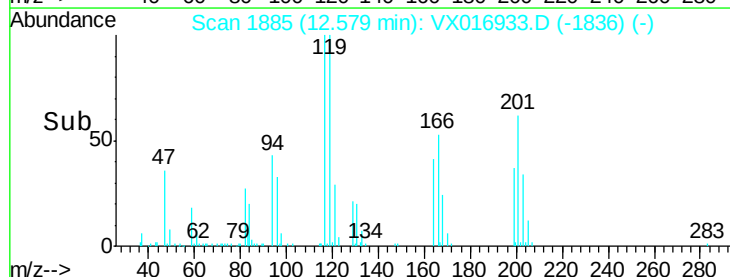
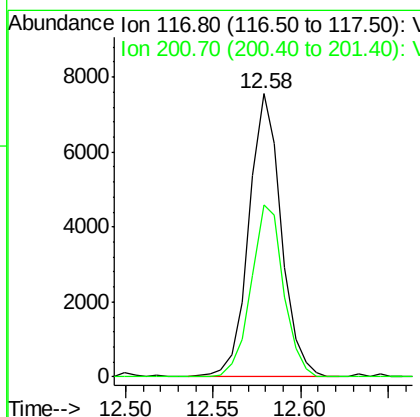
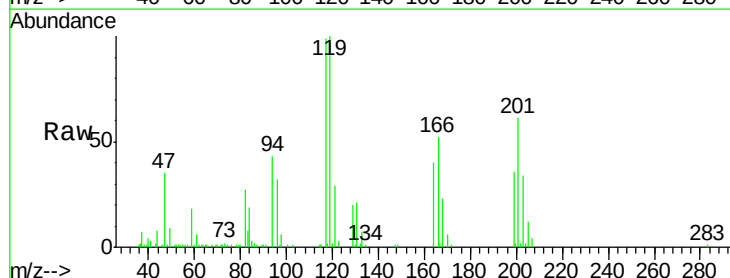
Manual Integrations  
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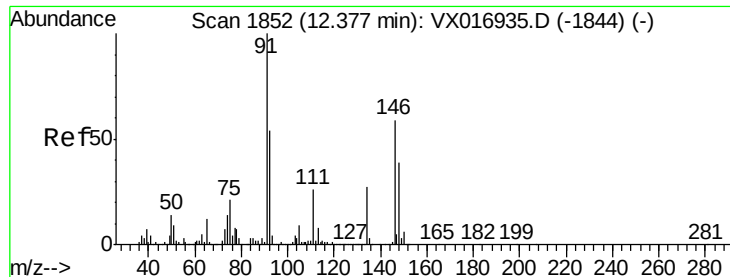
MMDadoda  
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#90  
Hexachloroethane  
Concen: 4.814 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 61.1  | 31.1  | 93.5  |





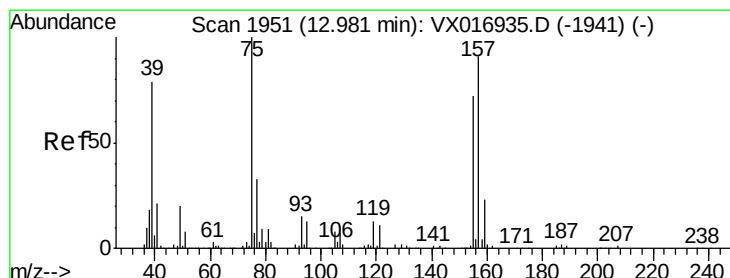
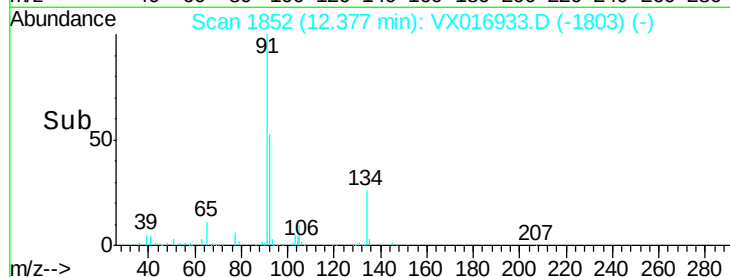
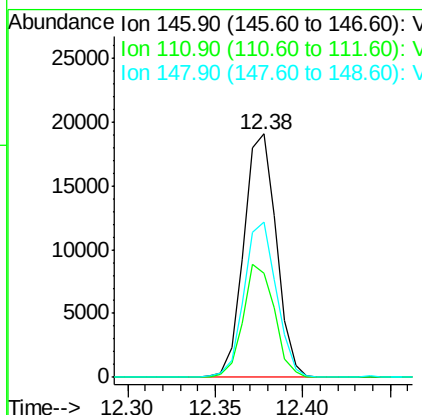
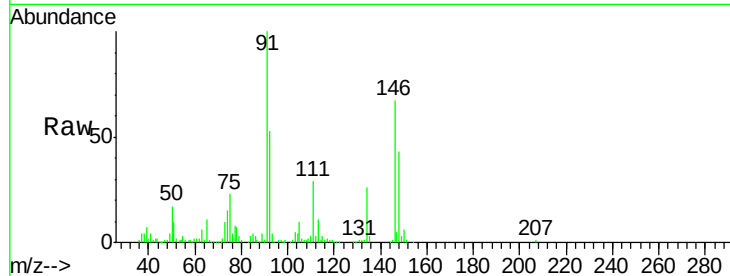
#91  
 1,2-Dichlorobenzene  
 Concen: 4.873 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.7  | 22.0  | 66.0  |
| 148     | 63.5  | 32.1  | 96.5  |

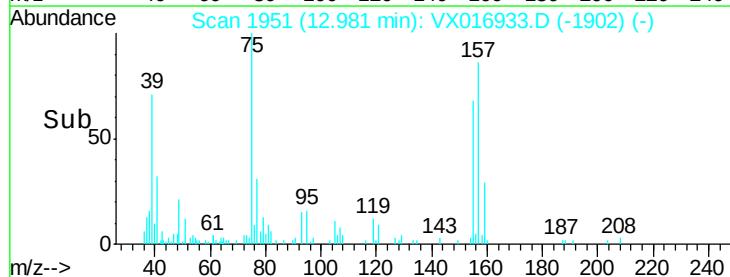
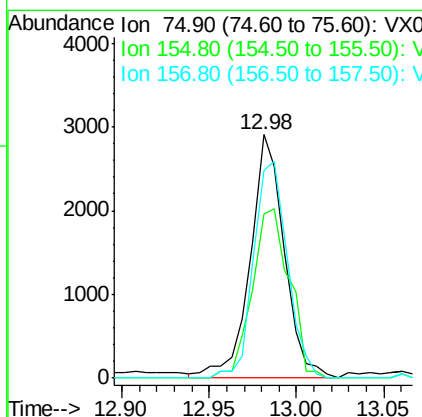
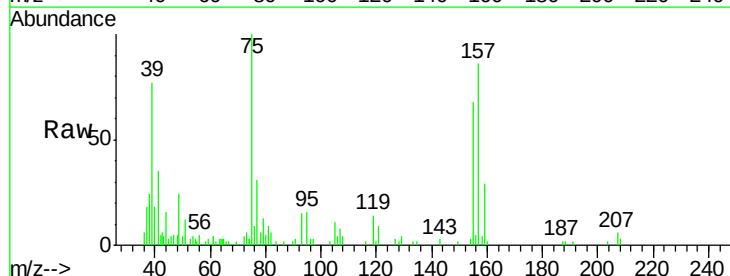
Manual Integrations  
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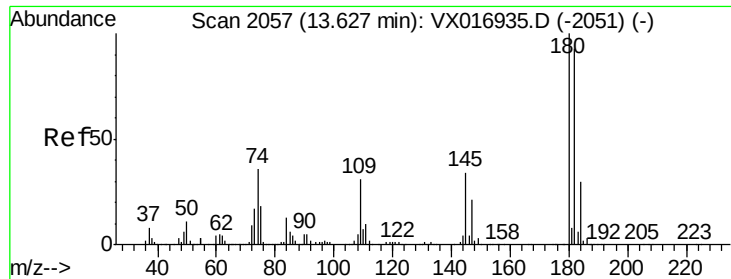
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 3.862 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 76.0  | 36.1  | 108.5 |
| 157     | 88.5  | 46.6  | 139.8 |





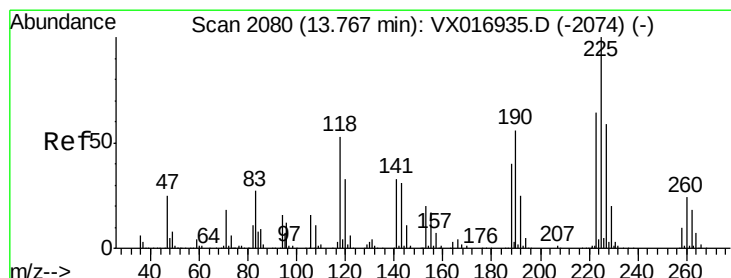
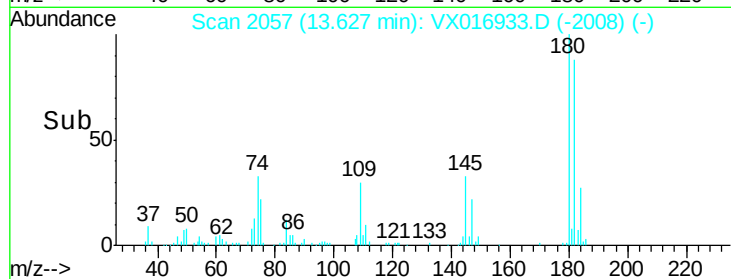
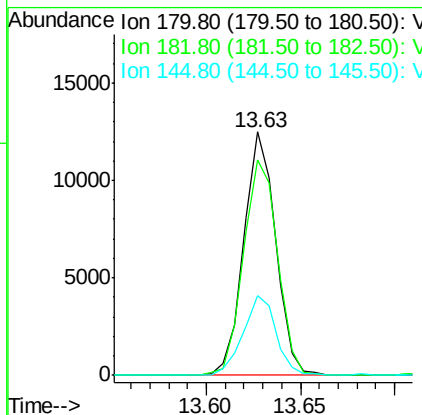
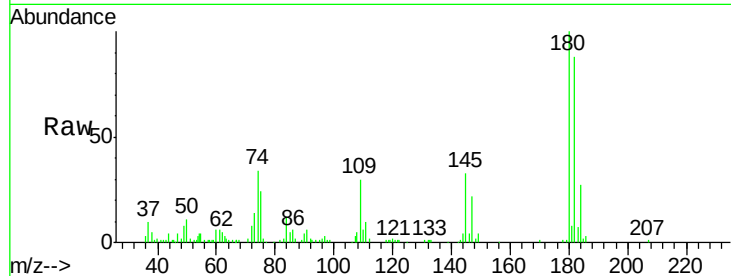
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.438 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 47.3  | 142.0 |
| 145     | 33.8  | 16.4  | 49.2  |

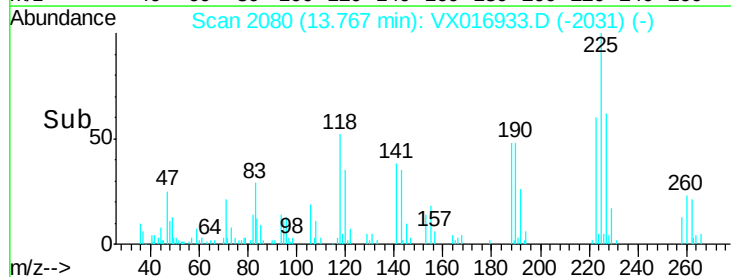
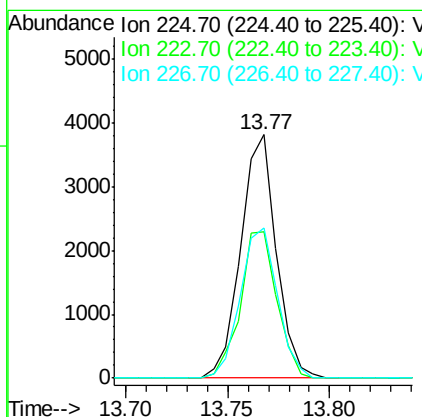
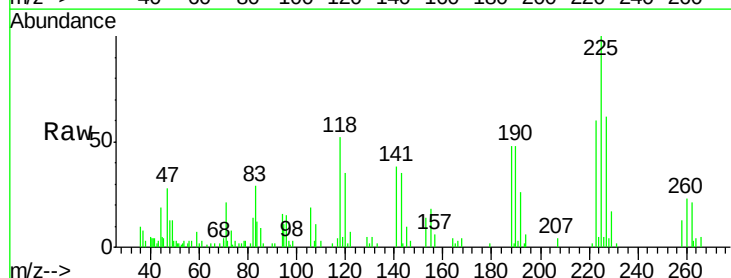
Manual Integrations  
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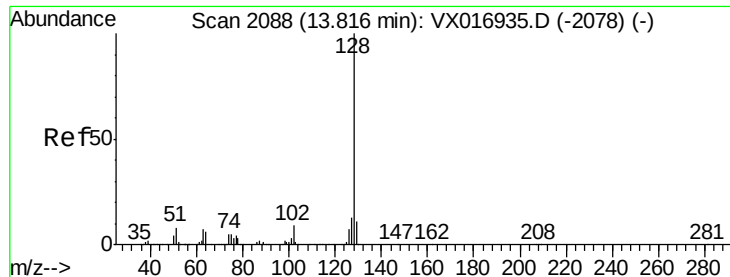
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 4.001 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX016933.D  
 Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 32.5  | 97.4  |
| 227     | 64.3  | 29.3  | 88.0  |





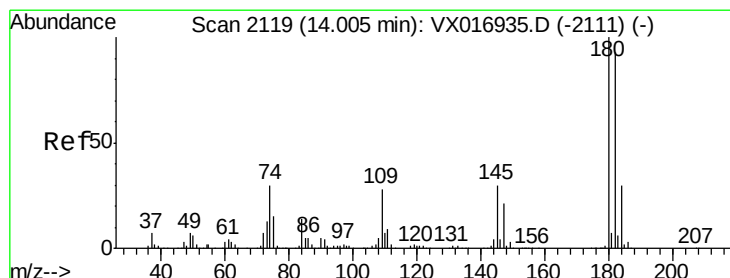
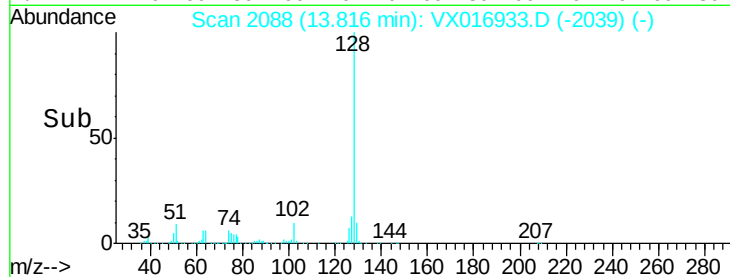
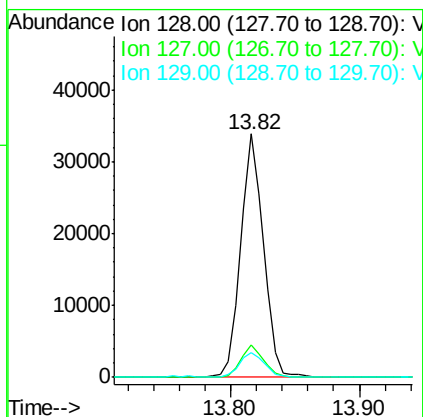
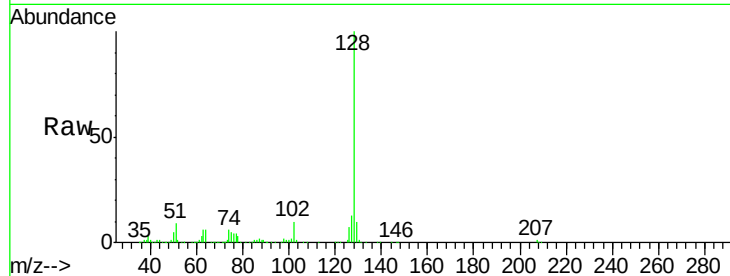
#95  
Naphthalene  
Concen: 3.677 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.6  | 10.2  | 15.4  |
| 129     | 11.2  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 3.839 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.00 min  
Lab File: VX016933.D  
Acq: 23 Jun 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 47.4  | 142.3 |
| 145     | 34.6  | 17.1  | 51.3  |

