

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012022\  
 Data File : VU046807.D  
 Acq On : 20 Jan 2022 13:32  
 Operator : SY/MD  
 Sample : N1192-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 21 01:00:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 20 02:00:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 90696    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 97174    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 52177    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 34856    | 4.535    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 90.800%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 30006    | 4.955    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 99.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 14884    | 4.869    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 97.400%  |
| 20) 2-Butanone-d5             | 4.652  | 46    | 112062   | 49.220   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 98.440%  |
| 24) Chloroform-d              | 5.067  | 84    | 68413    | 5.071    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 101.400% |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 38277    | 5.210    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 104.200% |
| 32) Benzene-d6                | 5.729  | 84    | 134155   | 4.697    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 94.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 42482    | 4.954    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 99.000%  |
| 41) Toluene-d8                | 7.899  | 98    | 113685   | 4.349    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 87.000%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 16815    | 4.465    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 89.400%  |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 105768   | 47.434   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 94.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 41923    | 4.870    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 97.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 45983    | 4.699    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 94.000%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 18102    | 2.122    | ug/L  | 99       |
| 3) Chloromethane              | 1.520  | 50    | 51036    | 7.264    | ug/L  | 97       |
| 5) Vinyl chloride             | 1.607  | 62    | 38513    | 5.265    | ug/L  | 98       |
| 6) Bromomethane               | 1.861  | 94    | 21392    | 4.674    | ug/L  | 99       |
| 8) Chloroethane               | 1.938  | 64    | 21933    | 5.209    | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 2.141  | 101   | 97889    | 10.983   | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.584  | 101   | 26693    | 5.037    | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 33273    | 6.570    | ug/L  | 78       |
| 16) Methylene chloride        | 3.051  | 84    | 23769    | 3.886    | ug/L  | 92       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73    | 83214    | 5.856    | ug/L  | 98       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96    | 39852    | 7.265    | ug/L  | 94       |
| 21) 2-Butanone                | 4.732  | 43    | 5197     | 2.610    | ug/L  | 93       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 42896    | 7.413    | ug/L  | 95       |
| 23) Bromochloromethane        | 4.977  | 128   | 6775     | 2.380    | ug/L  | 87       |
| 25) Chloroform                | 5.089  | 83    | 55834    | 3.820    | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.796  | 62    | 38560    | 5.977    | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 5.321  | 97    | 50884    | 5.814    | ug/L  | 97       |
| 31) Carbon tetrachloride      | 5.526  | 117   | 44502    | 5.926    | ug/L  | 99       |
| 34) Trichloroethene           | 6.542  | 95    | 53665    | 9.034    | ug/L  | 97       |

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 Operator : SY/MD  
 Sample : N1192-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

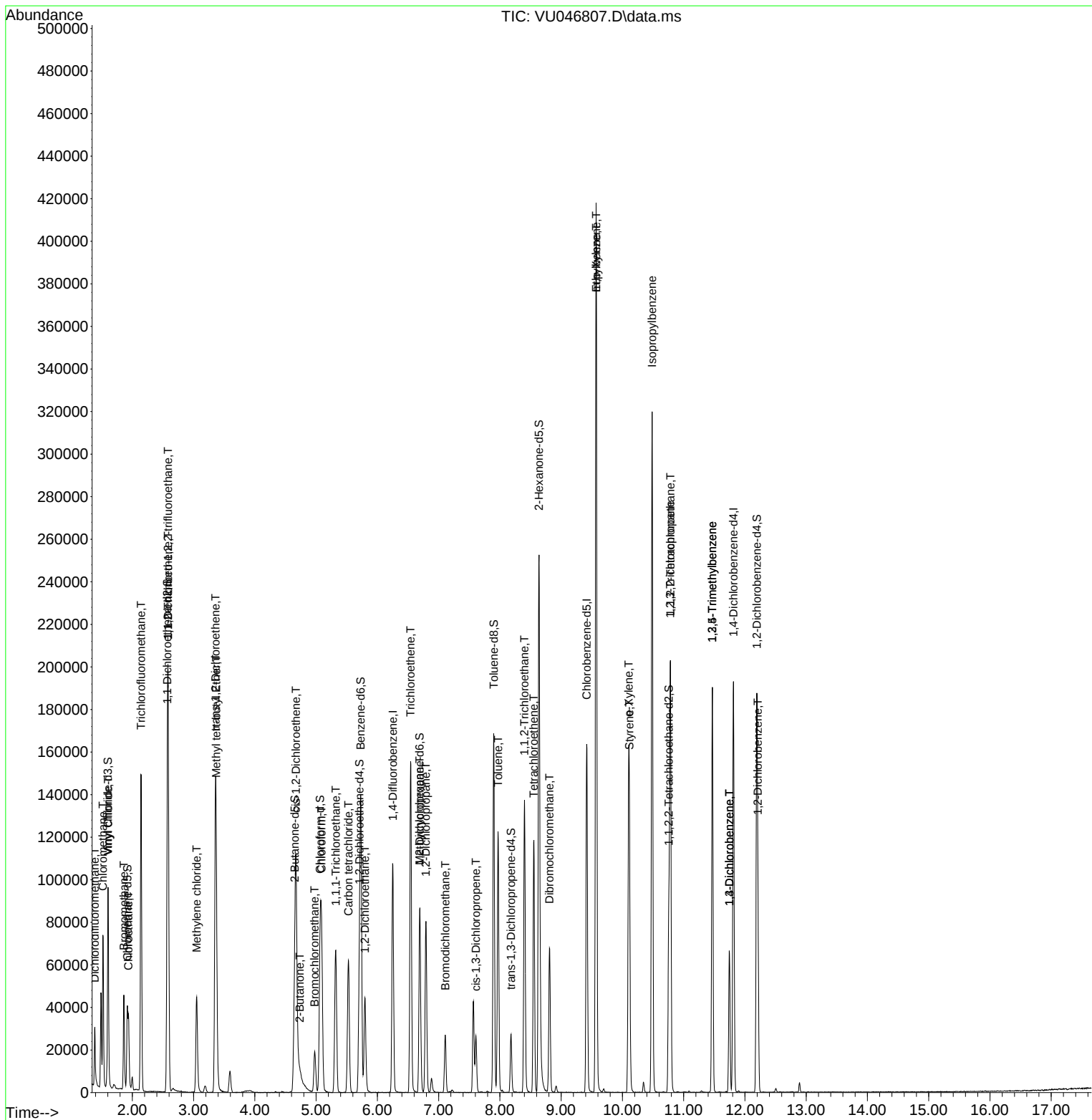
Instrument :  
 MSVOA\_U  
 ClientSampleId :

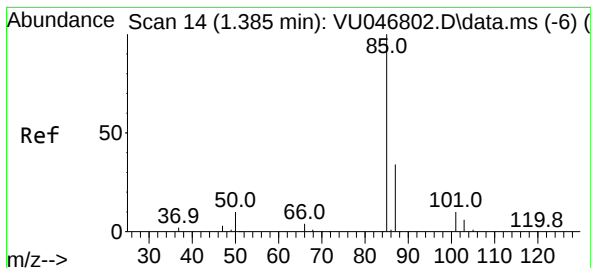
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 20 02:00:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 35) Methylcyclohexane         | 6.690  | 83   | 9970     | 1.002  | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.793  | 63   | 31785    | 5.663  | ug/L # | 97       |
| 38) Bromodichloromethane      | 7.108  | 83   | 18439    | 2.283  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 17147    | 1.958  | ug/L   | 97       |
| 42) Toluene                   | 7.970  | 91   | 90101    | 3.295  | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 43980    | 9.211  | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.552  | 164  | 26362    | 5.457  | ug/L   | 93       |
| 49) Dibromochloromethane      | 8.809  | 129  | 37060    | 6.580  | ug/L   | 96       |
| 52) Ethylbenzene              | 9.571  | 91   | 301607   | 11.601 | ug/L   | 99       |
| 53) m,p-Xylene                | 9.571  | 106  | 94581    | 9.126  | ug/L # | 22       |
| 54) o-Xylene                  | 10.102 | 106  | 33355    | 3.320  | ug/L   | 98       |
| 55) Styrene                   | 10.115 | 104  | 47297    | 2.878  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 34984    | 5.448  | ug/L   | 95       |
| 60) Isopropylbenzene          | 10.484 | 105  | 211655   | 8.708  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.780 | 75   | 4678     | 1.058  | ug/L # | 1        |
| 62) 1,3,5-Trimethylbenzene    | 11.468 | 105  | 106674   | 5.347  | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 106674   | 5.196  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 28191    | 2.321  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.745 | 146  | 28191    | 2.306  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 27983    | 2.381  | ug/L   | 99       |
| -----                         |        |      |          |        |        |          |

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

Quant Time: Jan 21 01:00:05 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jan 20 02:00:32 2022  
Response via : Initial Calibration

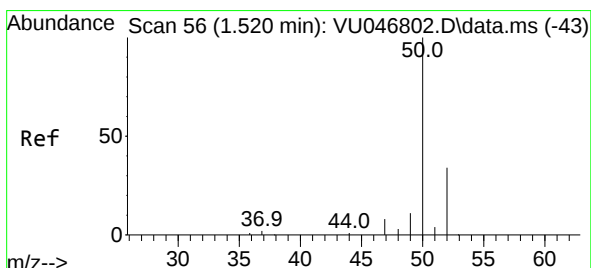
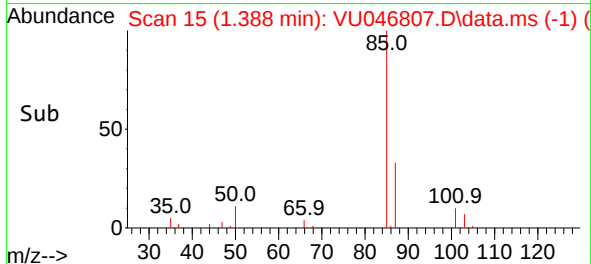
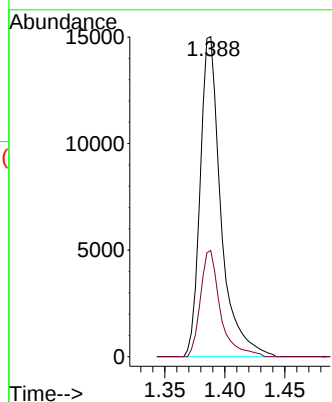
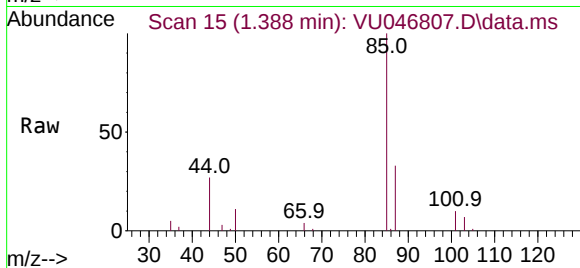




#2  
 Dichlorodifluoromethane  
 Concen: 2.122 ug/L  
 RT: 1.388 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VU046807.D  
 Acq: 20 Jan 2022 13:32

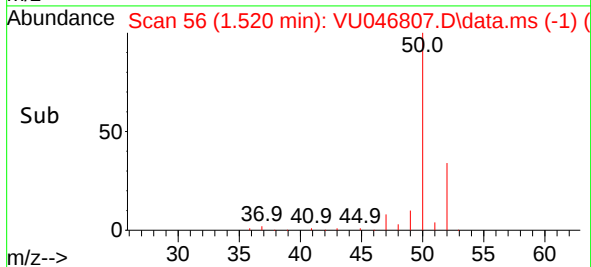
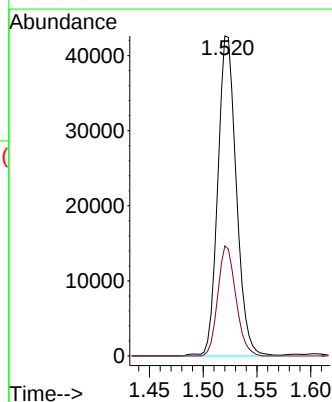
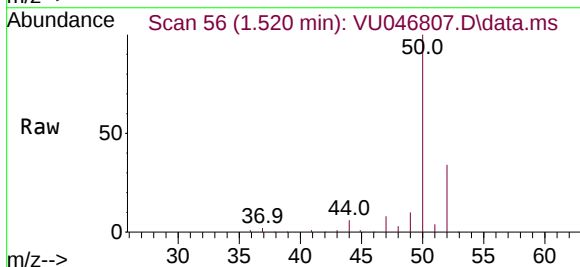
Instrument :  
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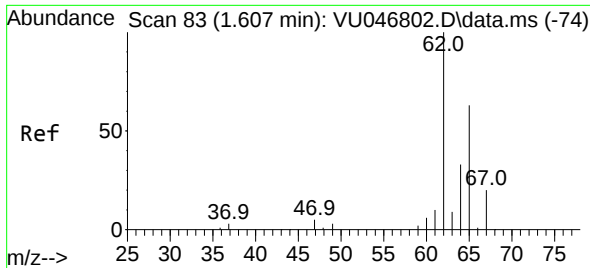
Tgt Ion: 85 Resp: 18102  
 Ion Ratio Lower Upper  
 85 100  
 87 31.8 25.8 38.6



#3  
 Chloromethane  
 Concen: 7.264 ug/L  
 RT: 1.520 min Scan# 56  
 Delta R.T. -0.003 min  
 Lab File: VU046807.D  
 Acq: 20 Jan 2022 13:32

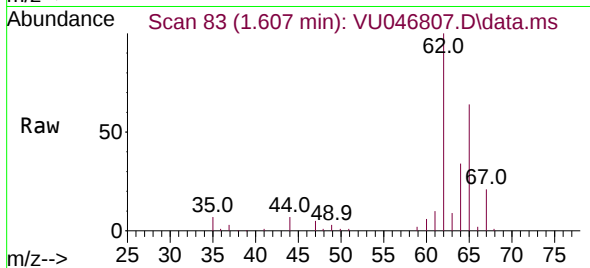
Tgt Ion: 50 Resp: 51036  
 Ion Ratio Lower Upper  
 50 100  
 52 34.4 23.0 42.8



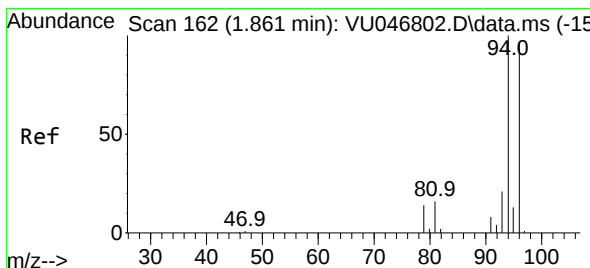
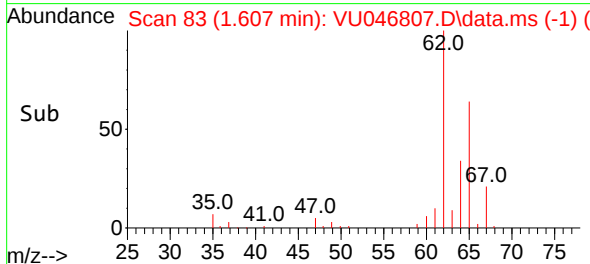
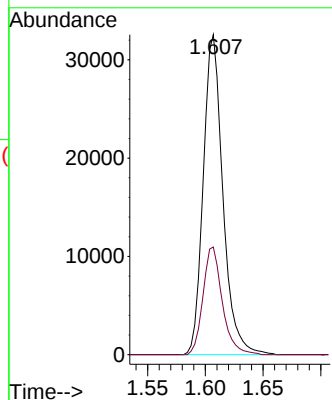


#5  
 Vinyl chloride  
 Concen: 5.265 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VU046807.D  
 Acq: 20 Jan 2022 13:32

Instrument :  
 MSVOA\_U  
 ClientSampleId :

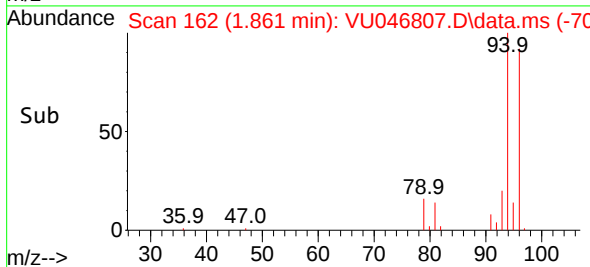
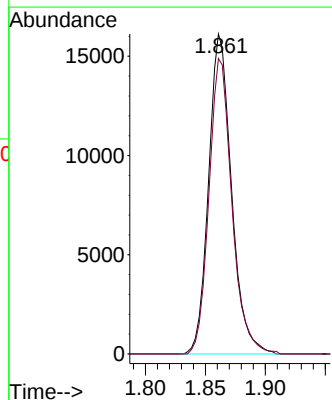
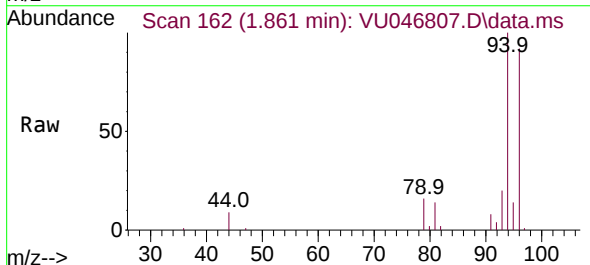


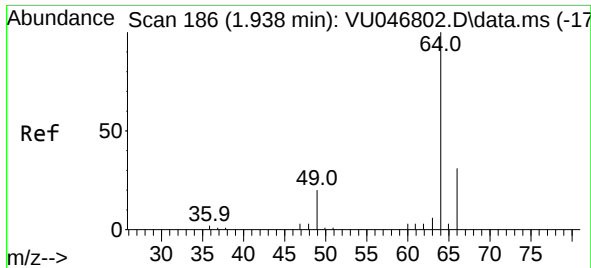
Tgt Ion: 62 Resp: 38513  
 Ion Ratio Lower Upper  
 62 100  
 64 33.6 22.9 42.5



#6  
 Bromomethane  
 Concen: 4.674 ug/L  
 RT: 1.861 min Scan# 162  
 Delta R.T. -0.003 min  
 Lab File: VU046807.D  
 Acq: 20 Jan 2022 13:32

Tgt Ion: 94 Resp: 21392  
 Ion Ratio Lower Upper  
 94 100  
 96 92.3 65.5 121.6

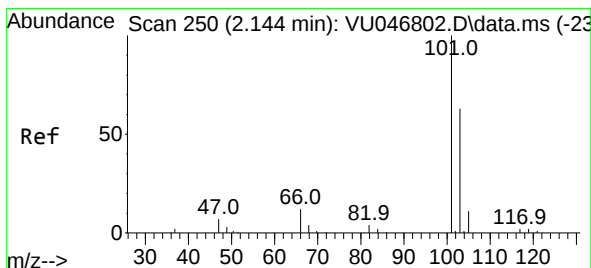
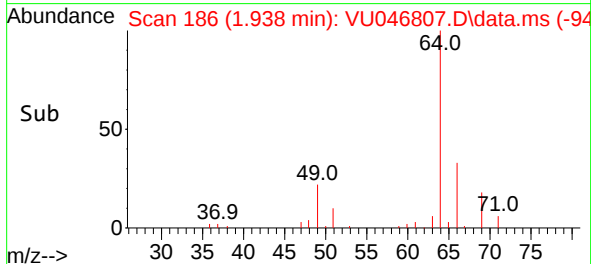
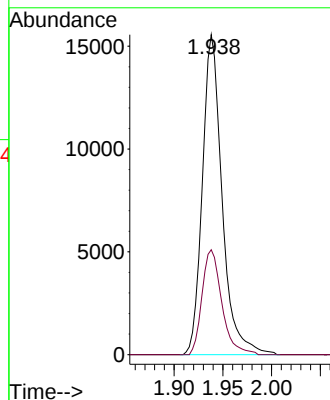
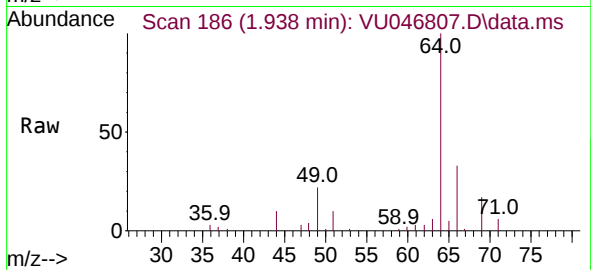




#8  
Chloroethane  
Concen: 5.209 ug/L  
RT: 1.938 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

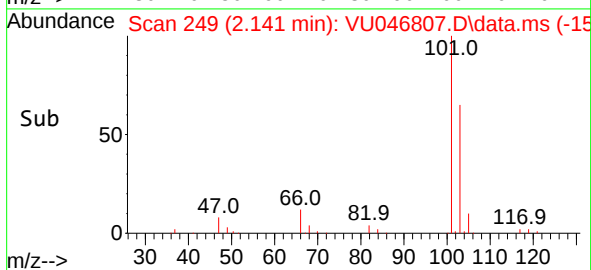
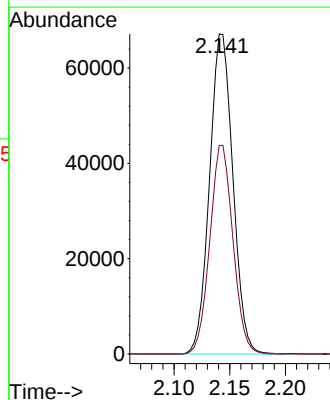
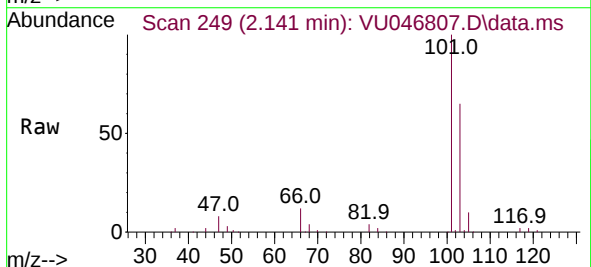
Instrument :  
MSVOA\_U  
ClientSampleId :

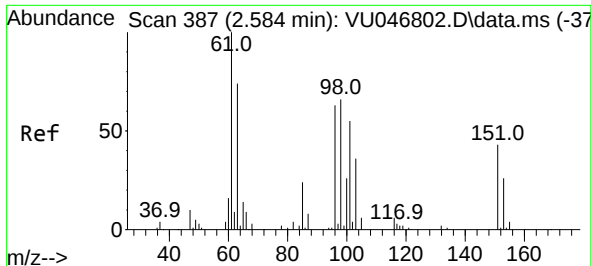
Tgt Ion: 64 Resp: 21933  
Ion Ratio Lower Upper  
64 100  
66 32.8 22.1 41.1



#9  
Trichlorofluoromethane  
Concen: 10.983 ug/L  
RT: 2.141 min Scan# 249  
Delta R.T. -0.003 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion:101 Resp: 97889  
Ion Ratio Lower Upper  
101 100  
103 64.6 51.5 77.3

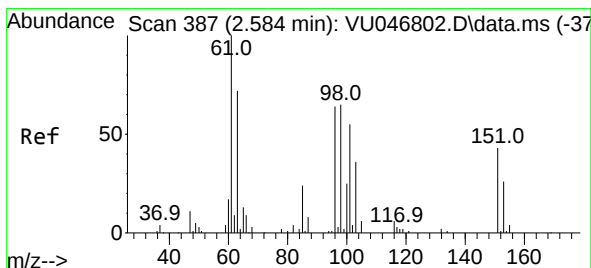
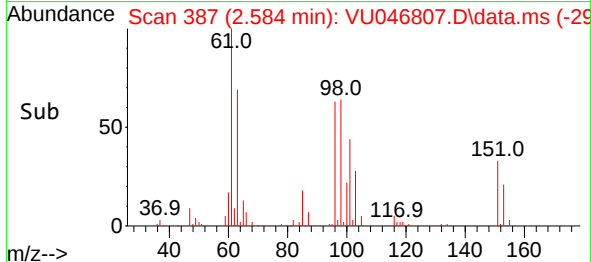
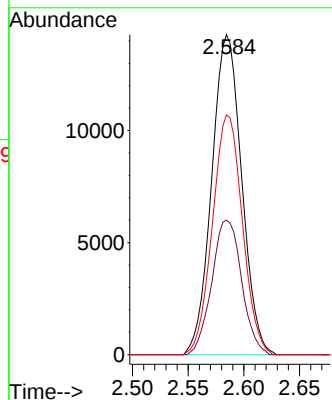
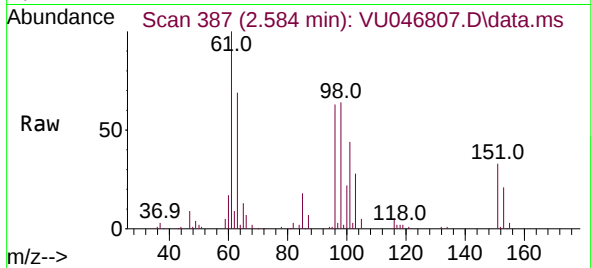




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 5.037 ug/L  
 RT: 2.584 min Scan# 387  
 Delta R.T. -0.003 min  
 Lab File: VU046807.D  
 Acq: 20 Jan 2022 13:32

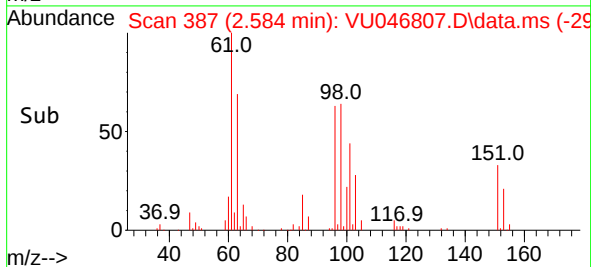
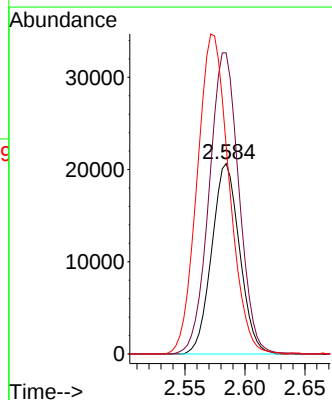
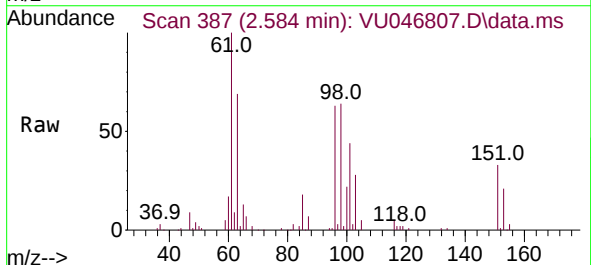
Instrument :  
 MSVOA\_U  
 ClientSampleId :

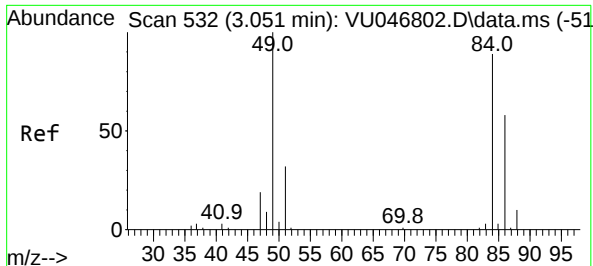
Tgt Ion:101 Resp: 26693  
 Ion Ratio Lower Upper  
 101 100  
 85 41.9 34.6 51.8  
 151 74.9 56.1 84.1



#12  
 1,1-Dichloroethene  
 Concen: 6.570 ug/L  
 RT: 2.584 min Scan# 387  
 Delta R.T. -0.003 min  
 Lab File: VU046807.D  
 Acq: 20 Jan 2022 13:32

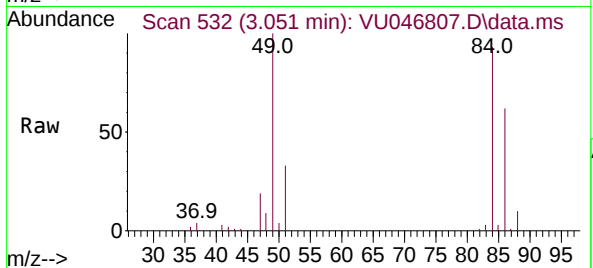
Tgt Ion: 96 Resp: 33273  
 Ion Ratio Lower Upper  
 96 100  
 61 158.2 124.7 231.5  
 63 109.5 105.2 195.4



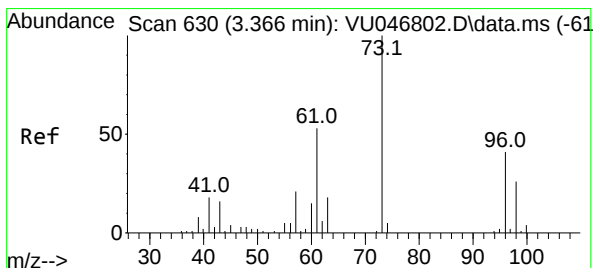
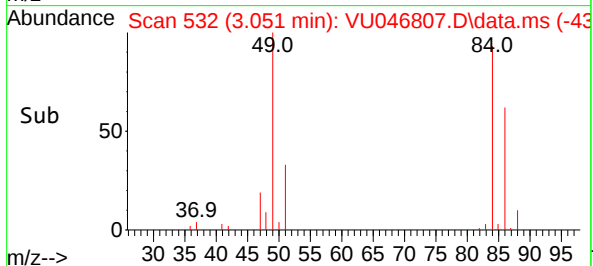
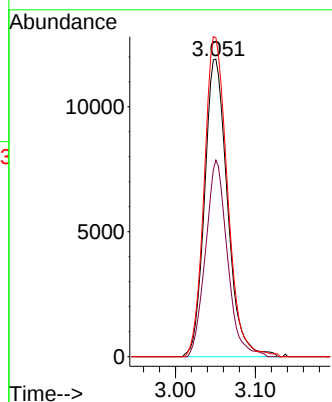


#16  
Methylene chloride  
Concen: 3.886 ug/L  
RT: 3.051 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Instrument :  
MSVOA\_U  
ClientSampleId :

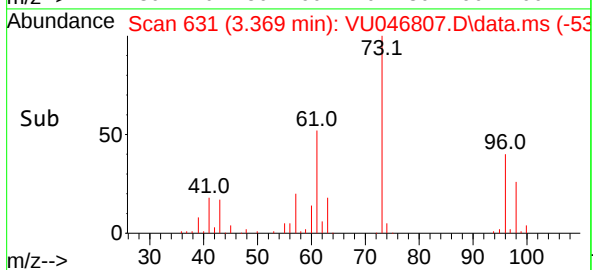
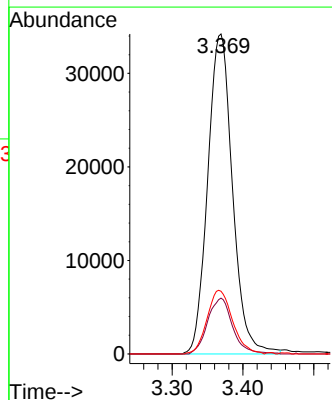
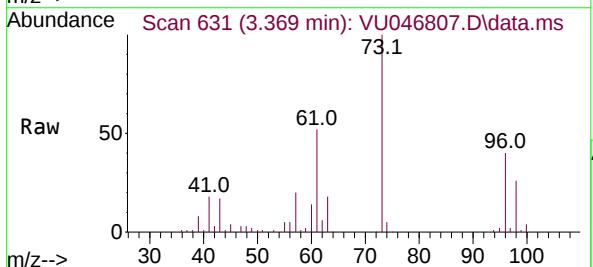


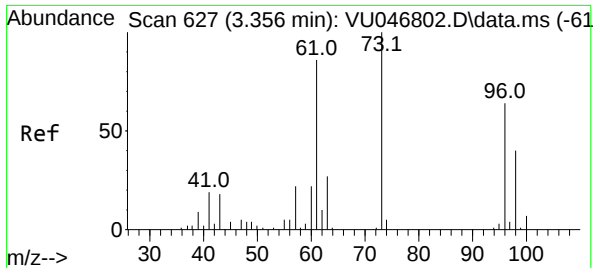
Tgt Ion: 84 Resp: 23769  
Ion Ratio Lower Upper  
84 100  
86 66.0 45.8 85.0  
49 107.2 84.5 156.9



#17  
Methyl tert-butyl Ether  
Concen: 5.856 ug/L  
RT: 3.369 min Scan# 631  
Delta R.T. -0.000 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion: 73 Resp: 83214  
Ion Ratio Lower Upper  
73 100  
43 17.6 14.8 22.2  
57 20.4 17.4 26.0

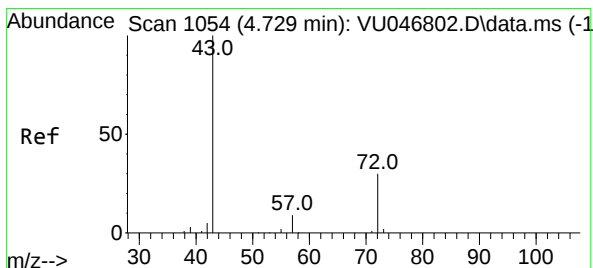
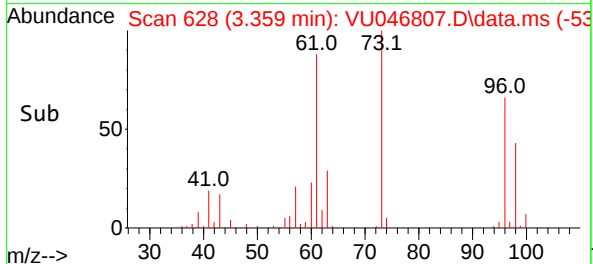
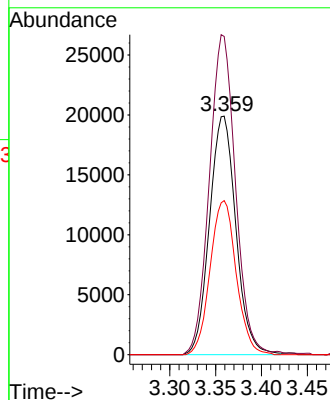
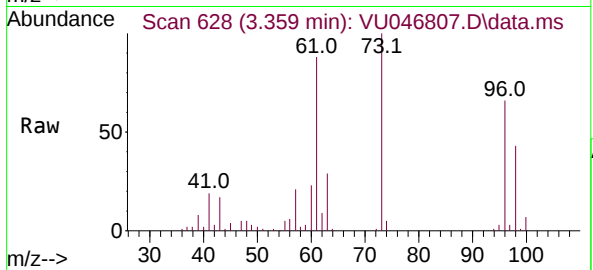




#18  
trans-1,2-Dichloroethene  
Concen: 7.265 ug/L  
RT: 3.359 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

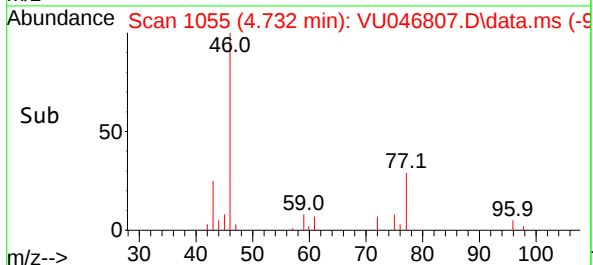
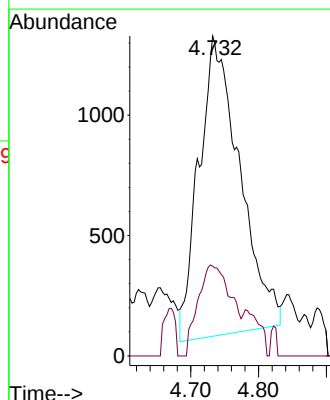
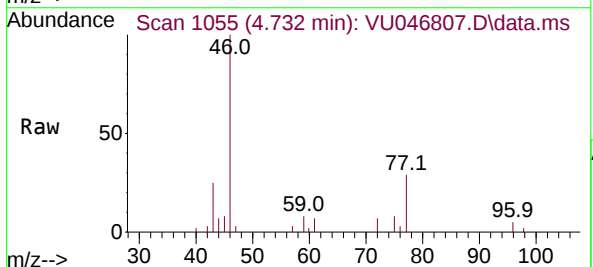
Instrument :  
MSVOA\_U  
ClientSampleId :

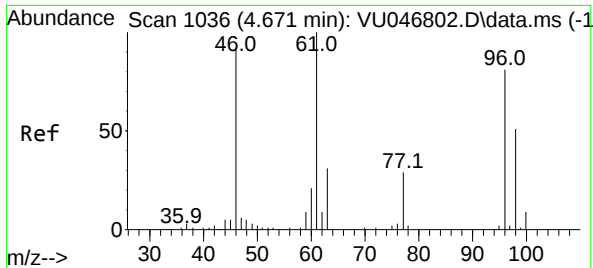
Tgt Ion: 96 Resp: 39852  
Ion Ratio Lower Upper  
96 100  
61 133.4 100.8 187.2  
98 64.6 45.1 83.7



#21  
2-Butanone  
Concen: 2.610 ug/L  
RT: 4.732 min Scan# 1055  
Delta R.T. -0.007 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion: 43 Resp: 5197  
Ion Ratio Lower Upper  
43 100  
72 24.7 14.1 42.3

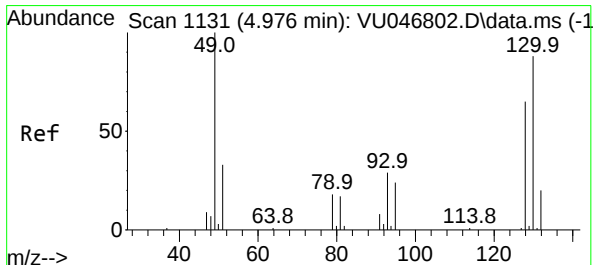
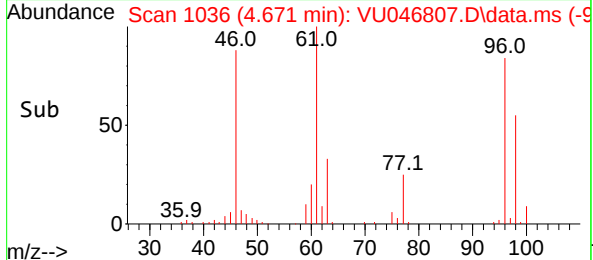
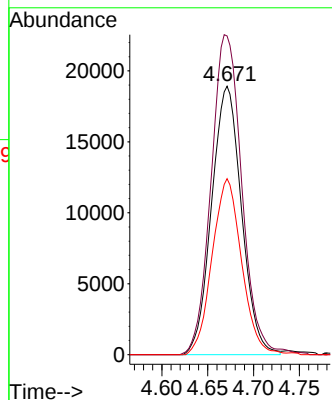
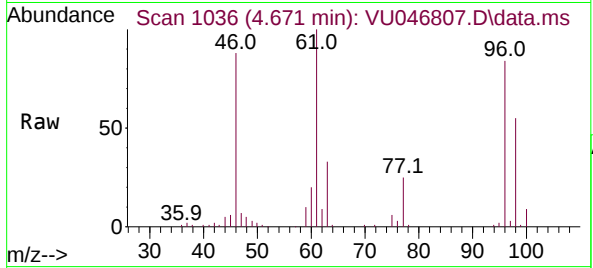




#22  
 cis-1,2-Dichloroethene  
 Concen: 7.413 ug/L  
 RT: 4.671 min Scan# 1036  
 Delta R.T. -0.000 min  
 Lab File: VU046807.D  
 Acq: 20 Jan 2022 13:32

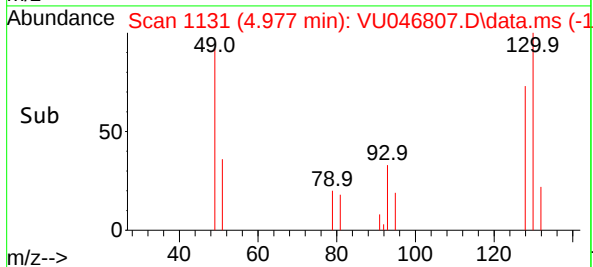
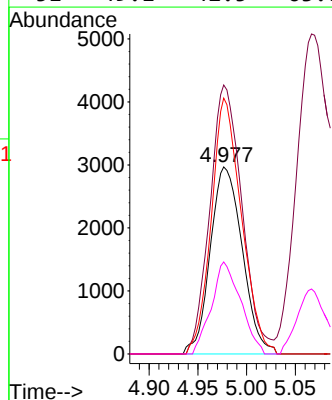
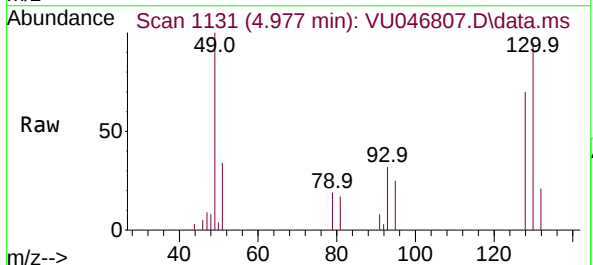
Instrument :  
 MSVOA\_U  
 ClientSampleId :

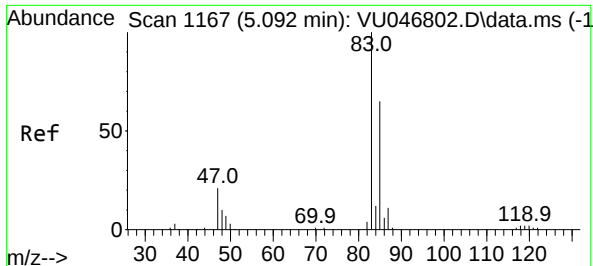
Tgt Ion: 96 Resp: 42896  
 Ion Ratio Lower Upper  
 96 100  
 61 118.7 88.5 164.3  
 98 65.6 44.4 82.5



#23  
 Bromochloromethane  
 Concen: 2.380 ug/L  
 RT: 4.977 min Scan# 1131  
 Delta R.T. -0.003 min  
 Lab File: VU046807.D  
 Acq: 20 Jan 2022 13:32

Tgt Ion: 128 Resp: 6775  
 Ion Ratio Lower Upper  
 128 100  
 49 143.8 117.0 217.2  
 130 136.7 88.2 163.8  
 51 49.1 42.5 63.7





#25

Chloroform

Concen: 3.820 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046807.D

Acq: 20 Jan 2022 13:32

Instrument :

MSVOA\_U

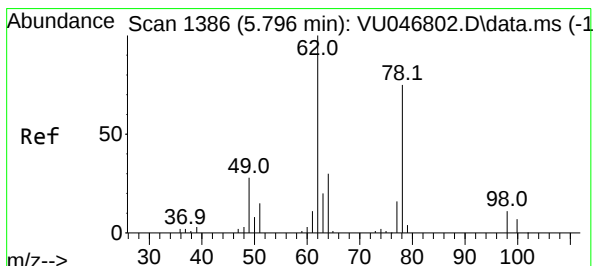
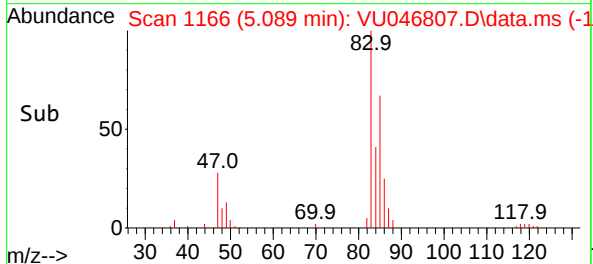
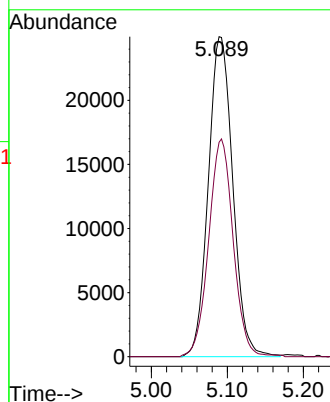
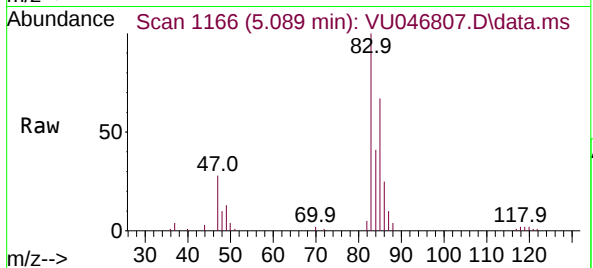
ClientSampleId :

Tgt Ion: 83 Resp: 55834

Ion Ratio Lower Upper

83 100

85 67.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.977 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046807.D

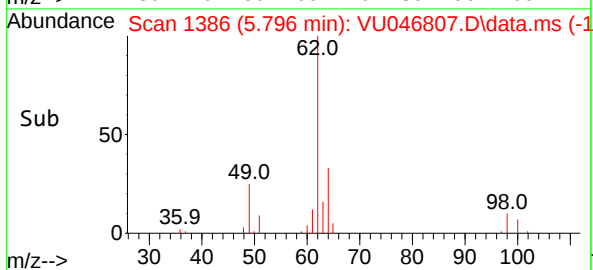
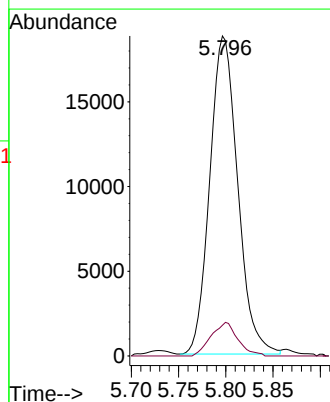
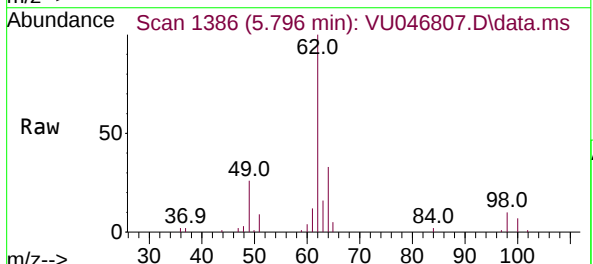
Acq: 20 Jan 2022 13:32

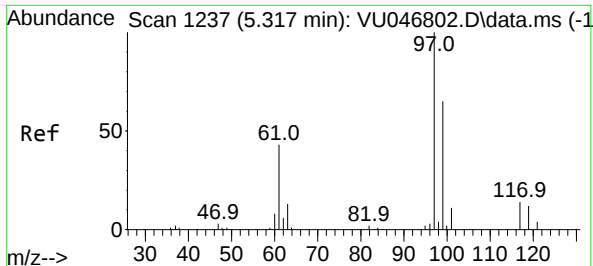
Tgt Ion: 62 Resp: 38560

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.814 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046807.D

Acq: 20 Jan 2022 13:32

Instrument :

MSVOA\_U

ClientSampleId :

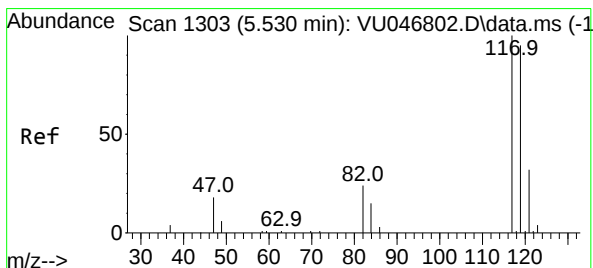
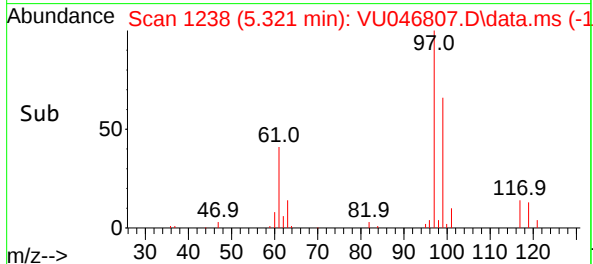
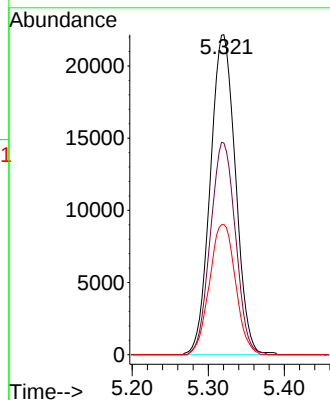
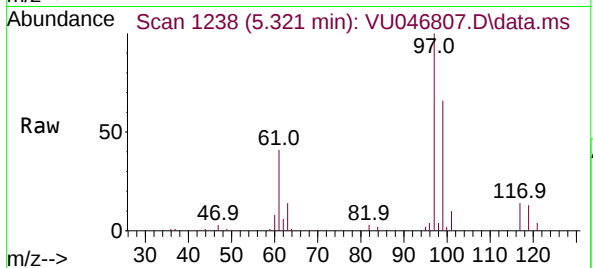
Tgt Ion: 97 Resp: 50884

Ion Ratio Lower Upper

97 100

99 66.2 51.3 76.9

61 42.1 36.1 54.1



#31

Carbon tetrachloride

Concen: 5.926 ug/L

RT: 5.526 min Scan# 1302

Delta R.T. -0.003 min

Lab File: VU046807.D

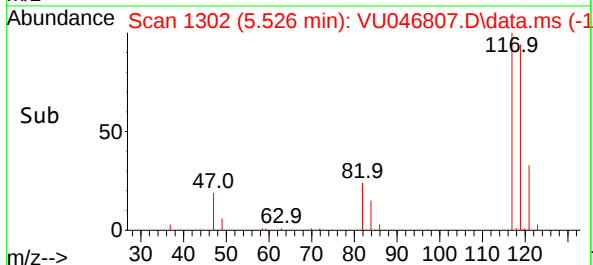
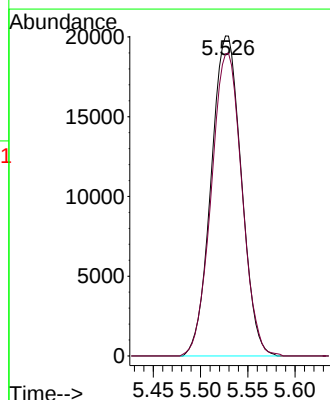
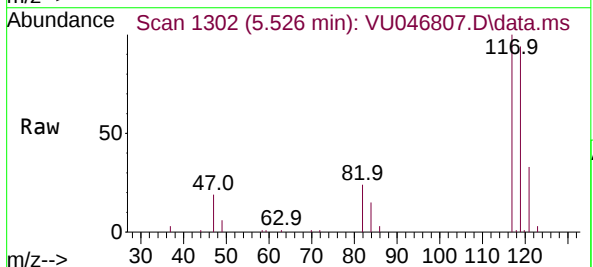
Acq: 20 Jan 2022 13:32

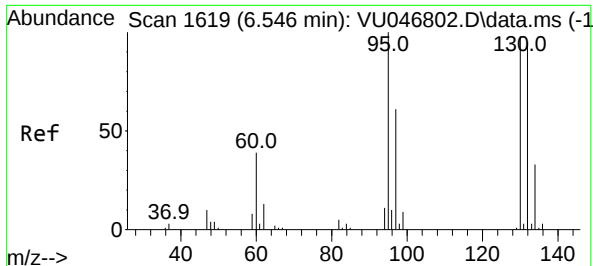
Tgt Ion: 117 Resp: 44502

Ion Ratio Lower Upper

117 100

119 95.9 77.5 116.3

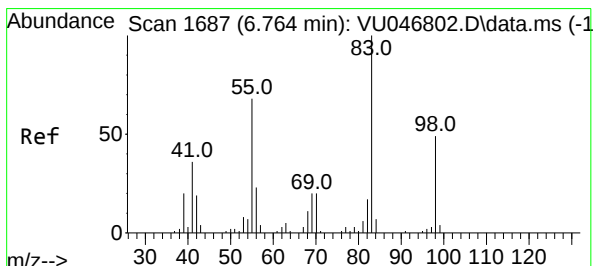
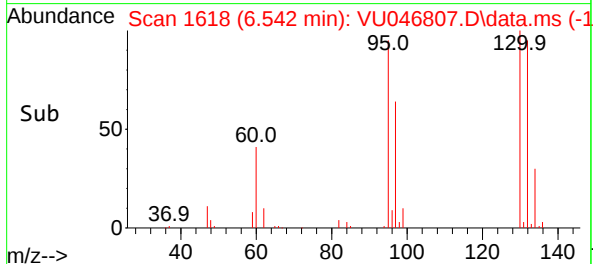
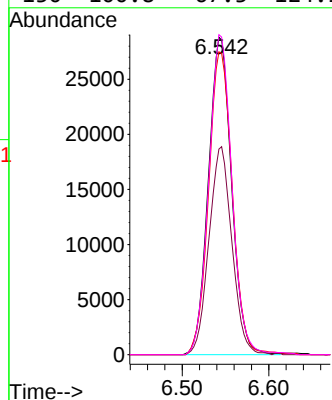
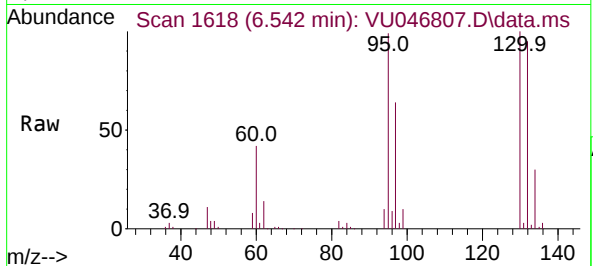




#34  
Trichloroethene  
Concen: 9.034 ug/L  
RT: 6.542 min Scan# 1619  
Delta R.T. -0.003 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

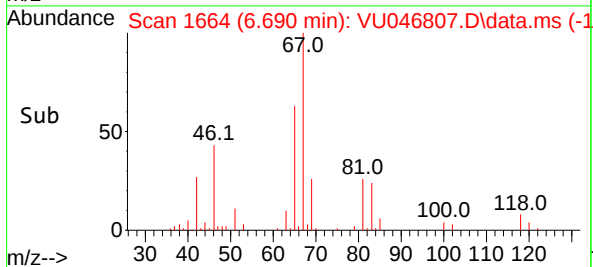
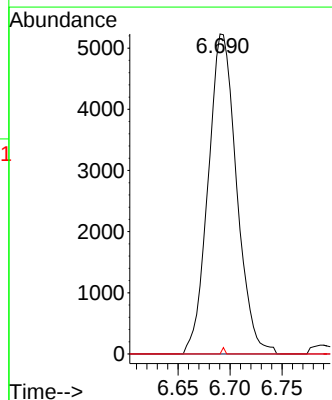
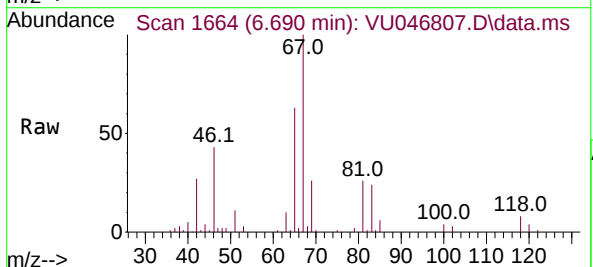
Instrument :  
MSVOA\_U  
ClientSampleId :

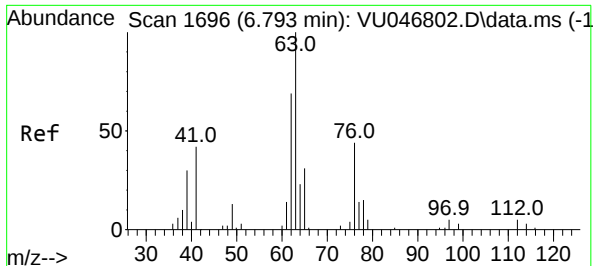
Tgt Ion: 95 Resp: 53665  
Ion Ratio Lower Upper  
95 100  
97 64.8 46.5 86.5  
132 95.4 65.1 120.9  
130 100.8 67.3 124.9



#35  
Methylcyclohexane  
Concen: 1.002 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.077 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion: 83 Resp: 9970  
Ion Ratio Lower Upper  
83 100  
55 3.6 61.9 92.9#  
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 5.663 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046807.D

Acq: 20 Jan 2022 13:32

Instrument :

MSVOA\_U

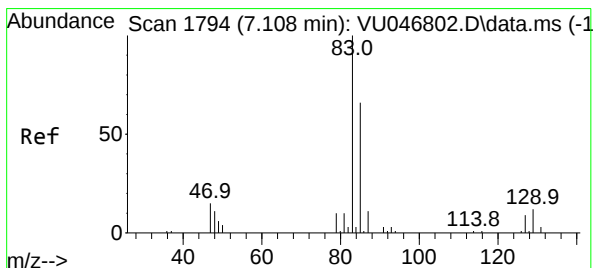
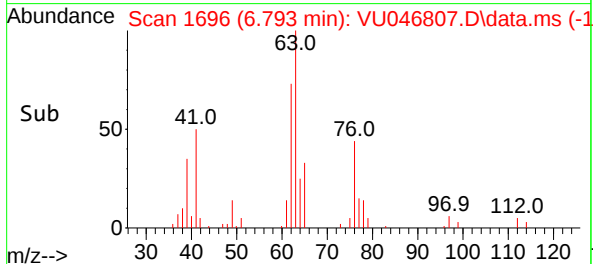
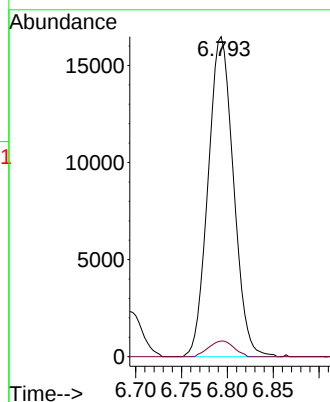
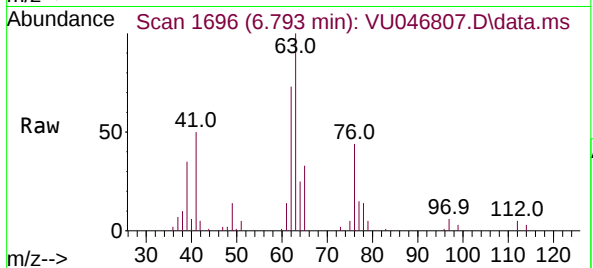
ClientSampleId :

Tgt Ion: 63 Resp: 31785

Ion Ratio Lower Upper

63 100

112 4.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 2.283 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046807.D

Acq: 20 Jan 2022 13:32

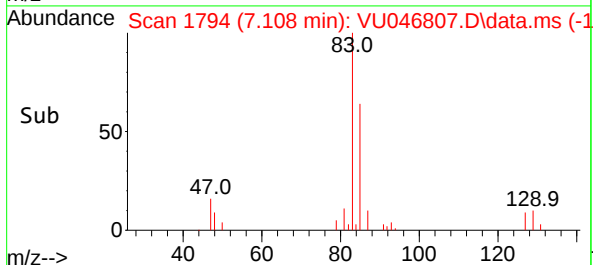
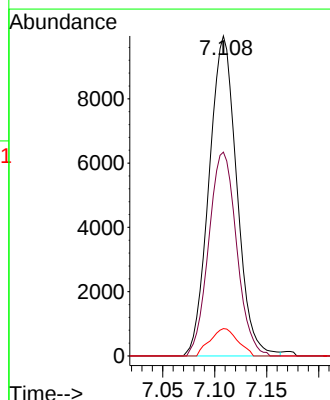
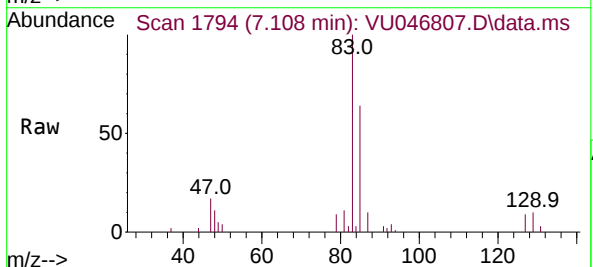
Tgt Ion: 83 Resp: 18439

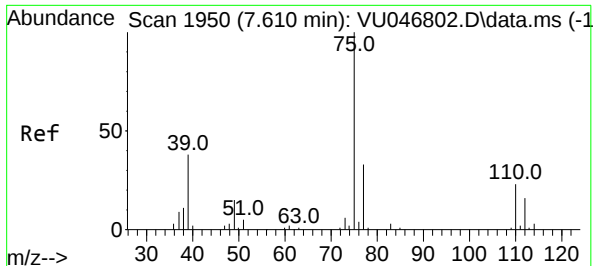
Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.8

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 1.958 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046807.D

Acq: 20 Jan 2022 13:32

Instrument :

MSVOA\_U

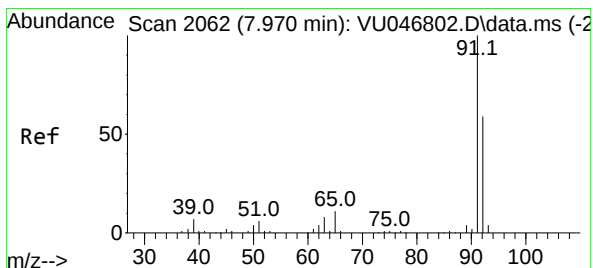
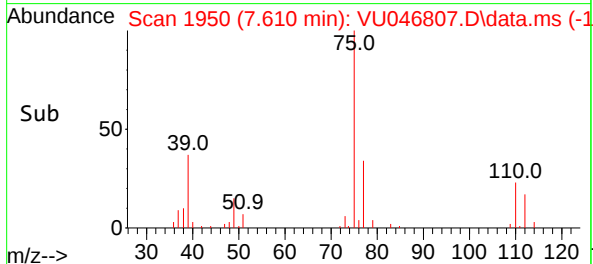
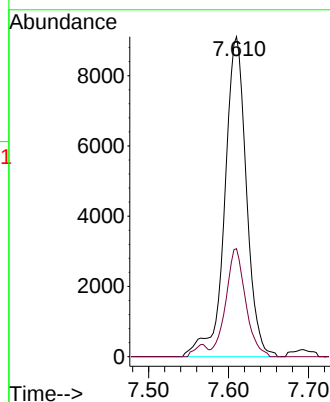
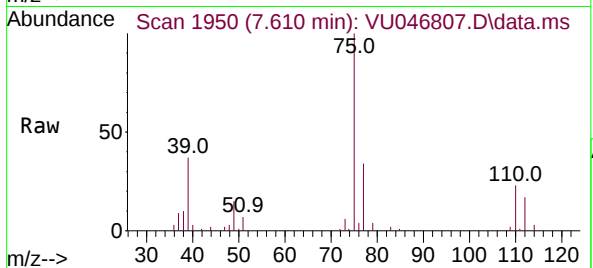
ClientSampleId :

Tgt Ion: 75 Resp: 17147

Ion Ratio Lower Upper

75 100

77 33.7 22.5 41.9



#42

Toluene

Concen: 3.295 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046807.D

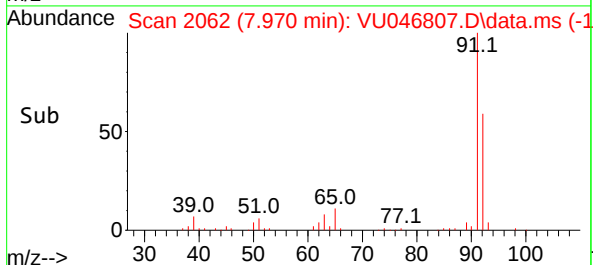
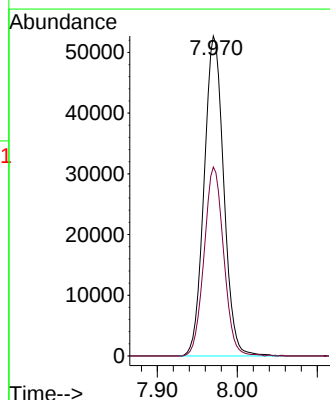
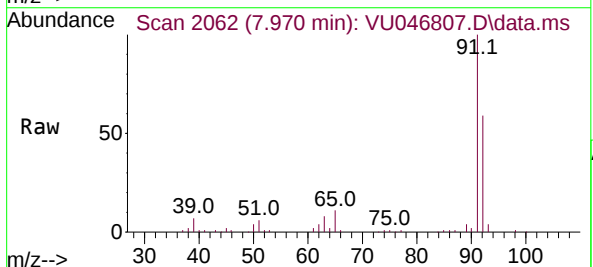
Acq: 20 Jan 2022 13:32

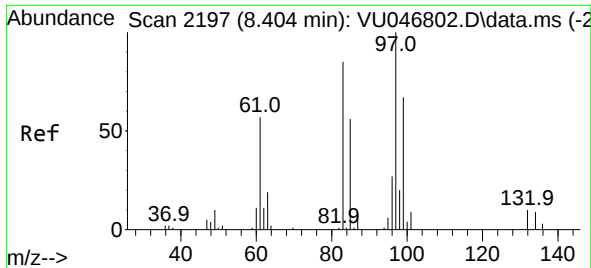
Tgt Ion: 91 Resp: 90101

Ion Ratio Lower Upper

91 100

92 59.1 41.3 76.7



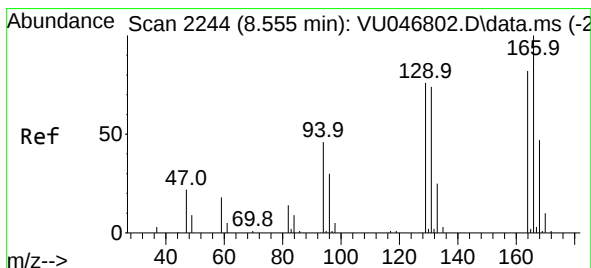
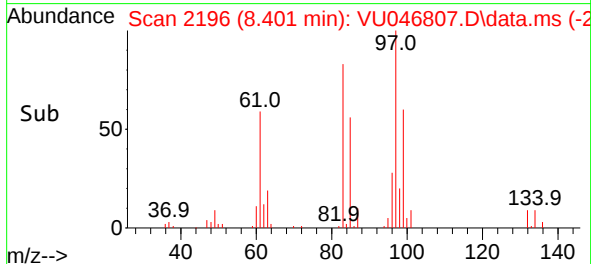
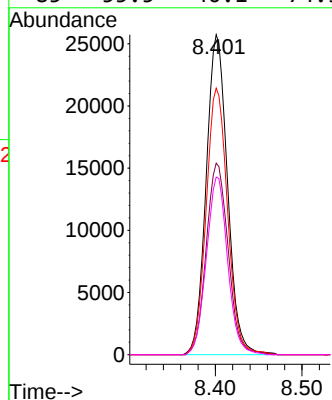
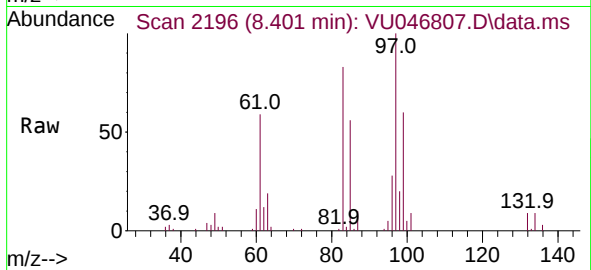


#45  
1,1,2-Trichloroethane  
Concen: 9.211 ug/L  
RT: 8.401 min Scan# 2196  
Delta R.T. -0.003 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 97 Resp: 43980

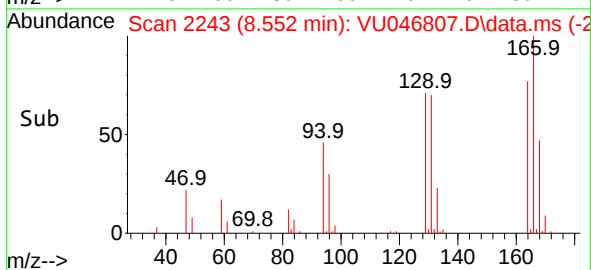
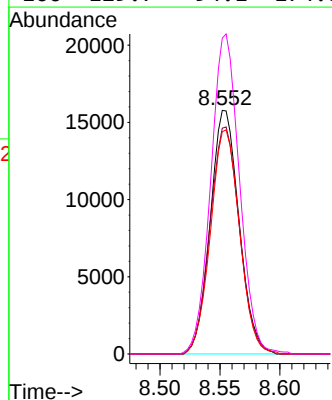
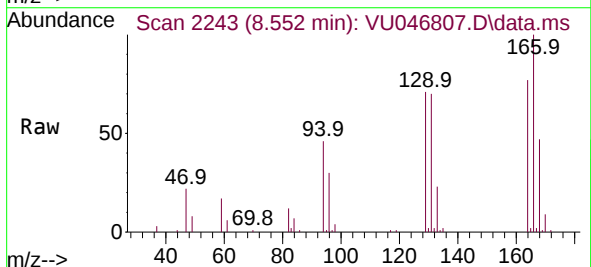
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 59.9  | 42.3  | 78.5  |
| 83  | 83.3  | 62.0  | 115.2 |
| 85  | 55.5  | 40.1  | 74.5  |

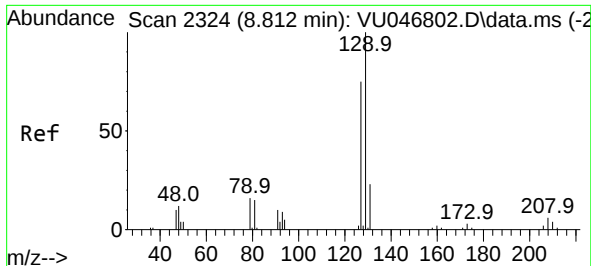


#47  
Tetrachloroethene  
Concen: 5.457 ug/L  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.003 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion: 164 Resp: 26362

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 92.7  | 71.8  | 133.4 |
| 131 | 91.3  | 68.5  | 127.3 |
| 166 | 129.7 | 94.1  | 174.8 |





#49

Dibromochloromethane

Concen: 6.580 ug/L

RT: 8.809 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046807.D

Acq: 20 Jan 2022 13:32

Instrument :

MSVOA\_U

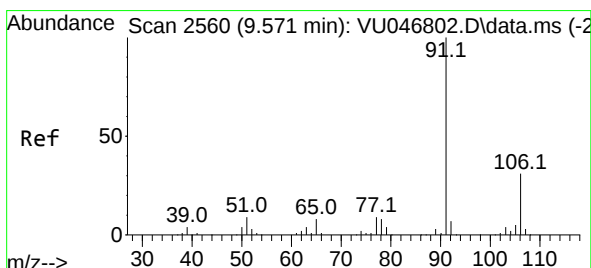
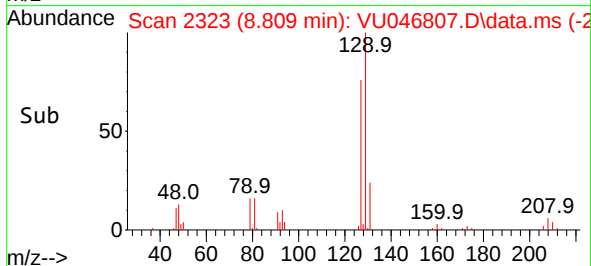
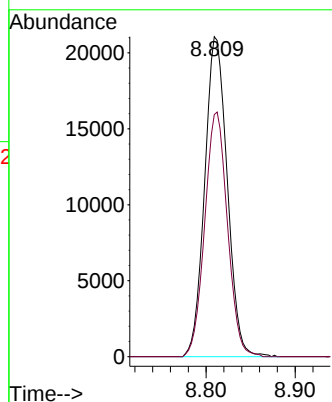
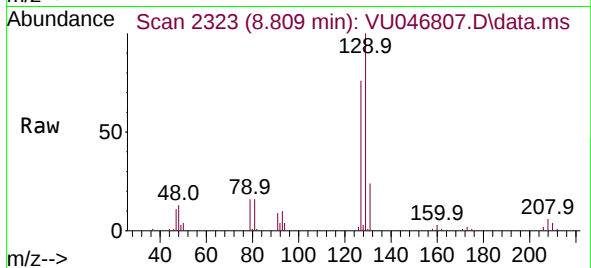
ClientSampleId :

Tgt Ion:129 Resp: 37060

Ion Ratio Lower Upper

129 100

127 75.7 55.4 102.8



#52

Ethylbenzene

Concen: 11.601 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU046807.D

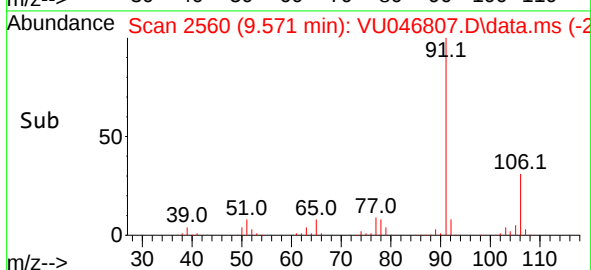
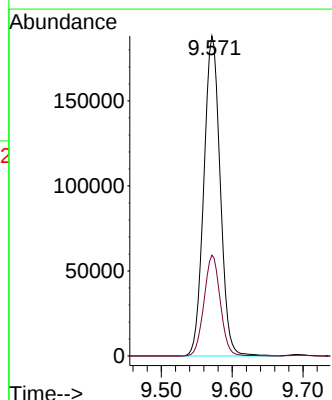
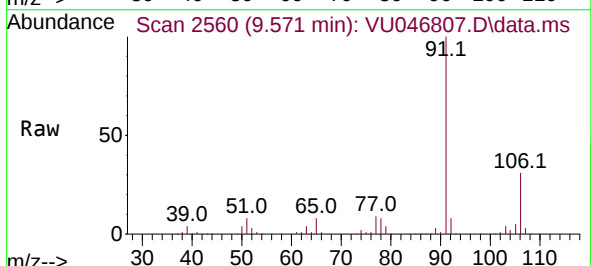
Acq: 20 Jan 2022 13:32

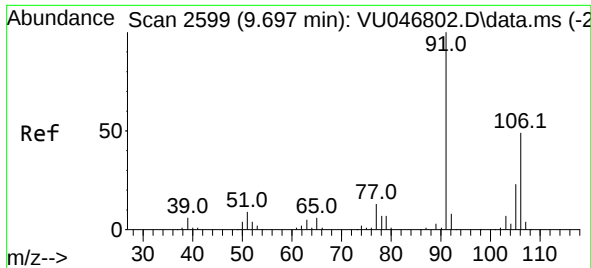
Tgt Ion: 91 Resp: 301607

Ion Ratio Lower Upper

91 100

106 31.5 21.5 39.9

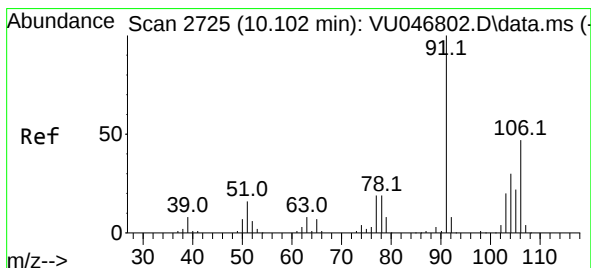
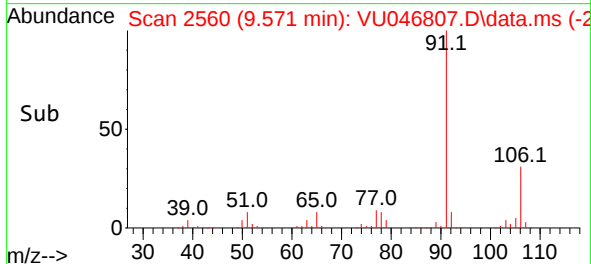
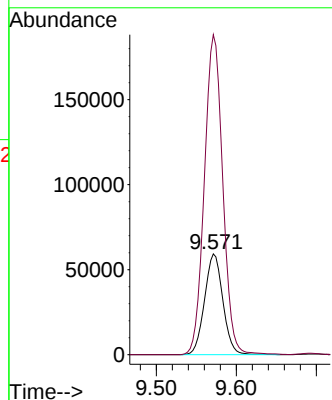
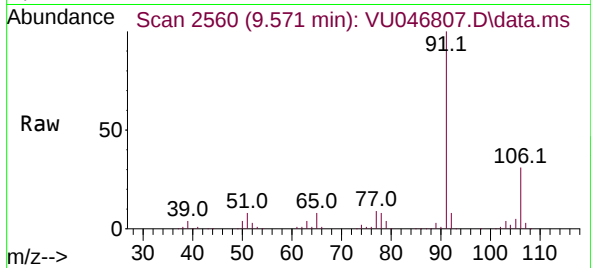




#53  
m,p-Xylene  
Concen: 9.126 ug/L  
RT: 9.571 min Scan# 21  
Delta R.T. -0.126 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

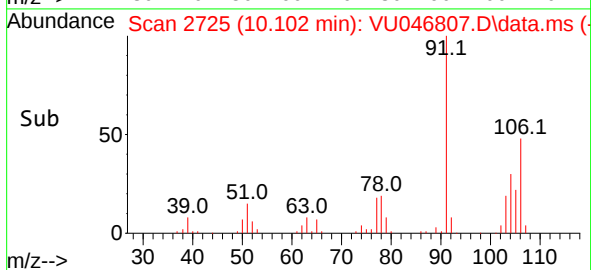
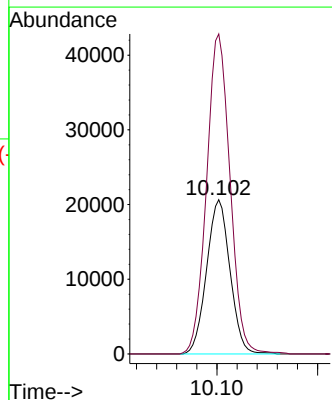
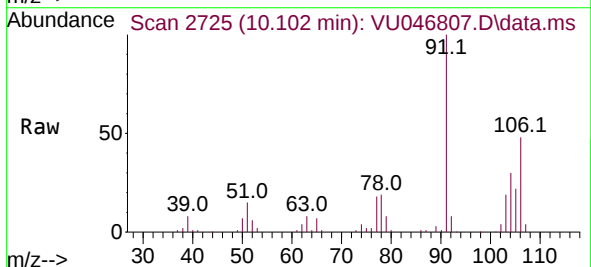
Instrument :  
MSVOA\_U  
ClientSampleId :

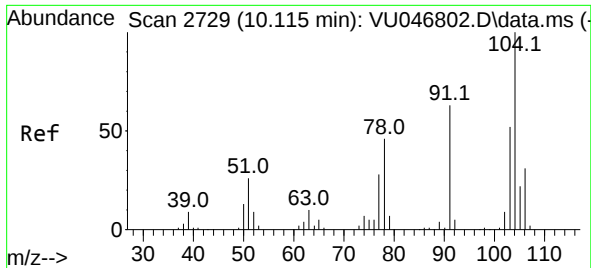
Tgt Ion:106 Resp: 94581  
Ion Ratio Lower Upper  
106 100  
91 317.6 139.4 259.0#



#54  
o-Xylene  
Concen: 3.320 ug/L  
RT: 10.102 min Scan# 2725  
Delta R.T. -0.000 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion:106 Resp: 33355  
Ion Ratio Lower Upper  
106 100  
91 207.5 147.5 273.9

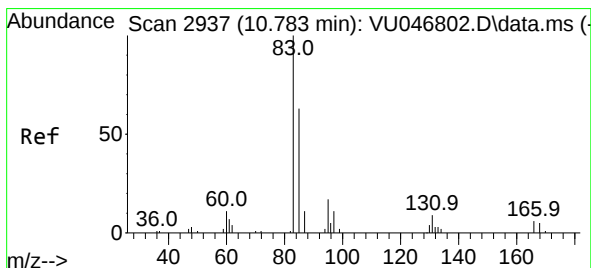
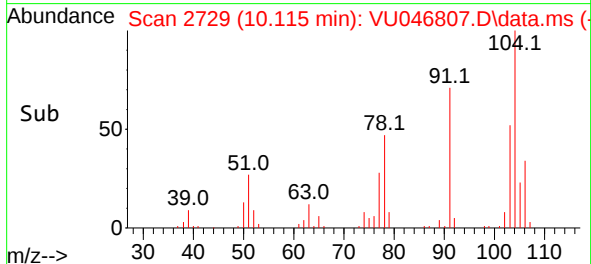
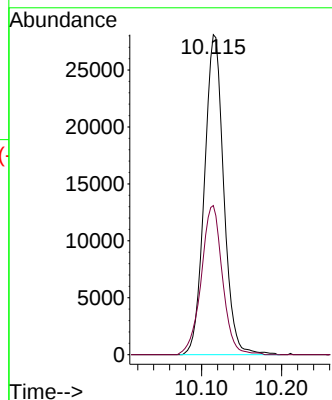
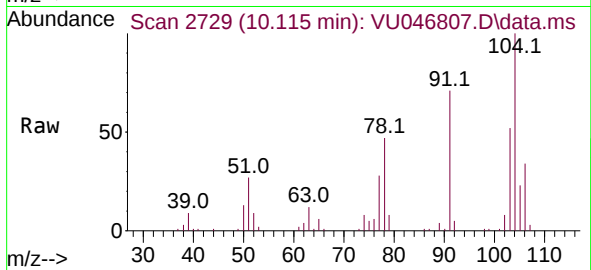




#55  
Styrene  
Concen: 2.878 ug/L  
RT: 10.115 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

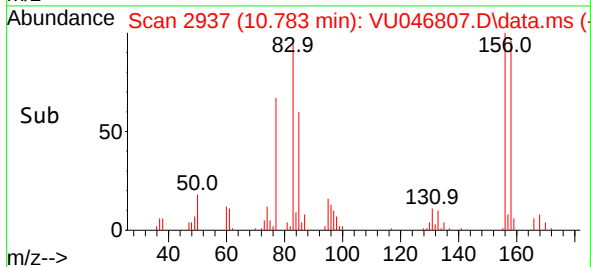
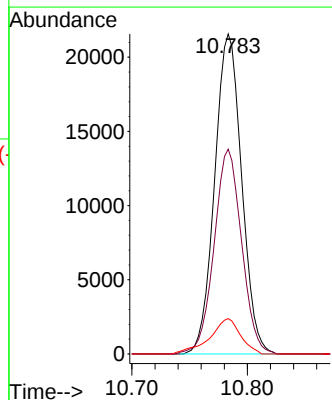
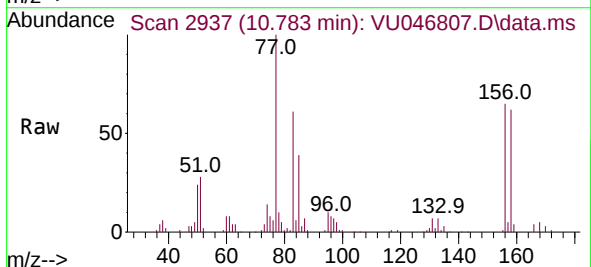
Instrument :  
MSVOA\_U  
ClientSampleId :

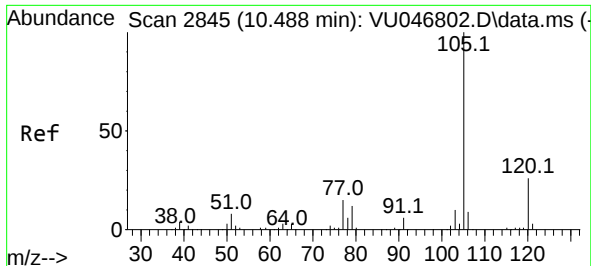
Tgt Ion:104 Resp: 47297  
Ion Ratio Lower Upper  
104 100  
78 46.6 33.0 61.4



#57  
1,1,2,2-Tetrachloroethane  
Concen: 5.448 ug/L  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion: 83 Resp: 34984  
Ion Ratio Lower Upper  
83 100  
85 64.0 47.9 89.1  
131 11.1 8.1 12.1

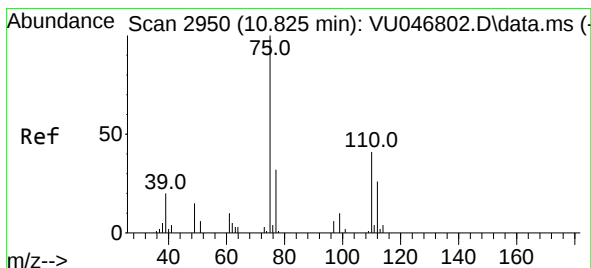
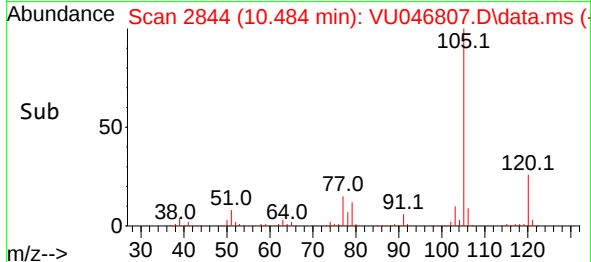
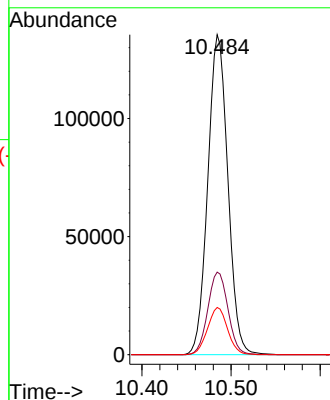
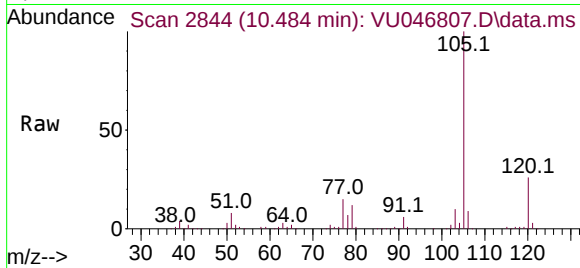




#60  
Isopropylbenzene  
Concen: 8.708 ug/L  
RT: 10.484 min Scan# 2116  
Delta R.T. -0.000 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

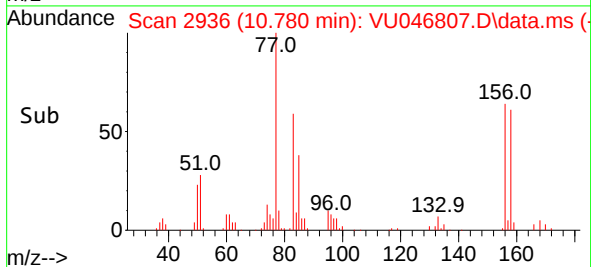
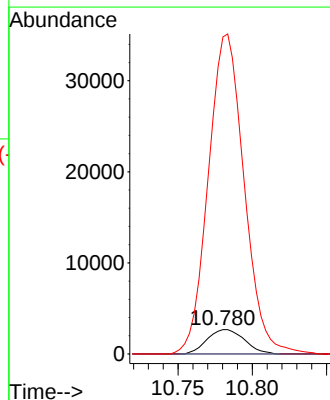
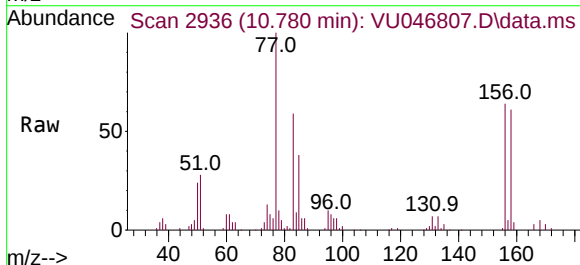
Instrument :  
MSVOA\_U  
ClientSampleId :

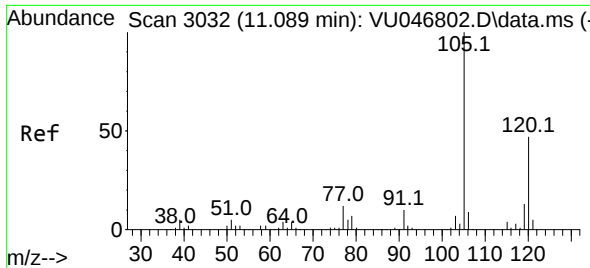
Tgt Ion:105 Resp: 211655  
Ion Ratio Lower Upper  
105 100  
120 25.9 20.7 31.1  
77 14.8 12.6 19.0



#61  
1,2,3-Trichloropropane  
Concen: 1.058 ug/L  
RT: 10.780 min Scan# 2936  
Delta R.T. -0.045 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion: 75 Resp: 4678  
Ion Ratio Lower Upper  
75 100  
110 0.0 29.9 44.9#  
77 1262.7 25.5 38.3#





#62

1,3,5-Trimethylbenzene

Concen: 5.347 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.379 min

Lab File: VU046807.D

Acq: 20 Jan 2022 13:32

Instrument :

MSVOA\_U

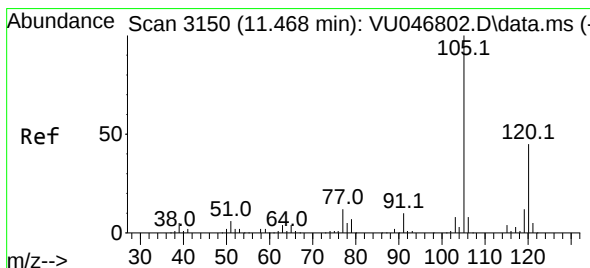
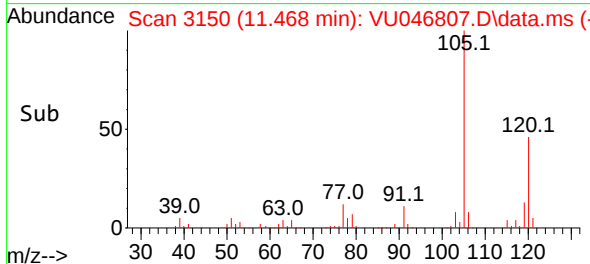
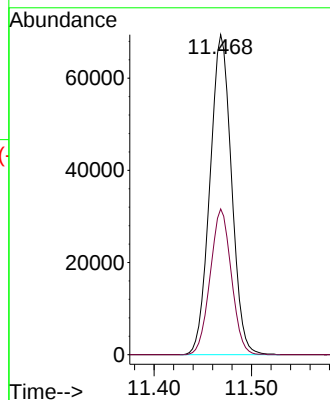
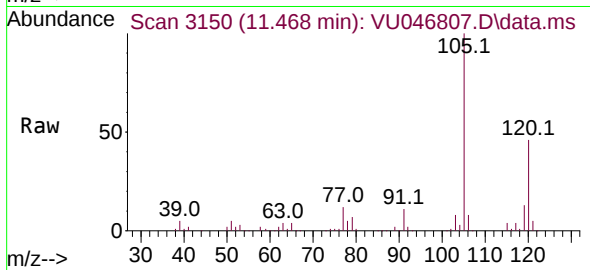
ClientSampleId :

Tgt Ion:105 Resp: 106674

Ion Ratio Lower Upper

105 100

120 44.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.196 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046807.D

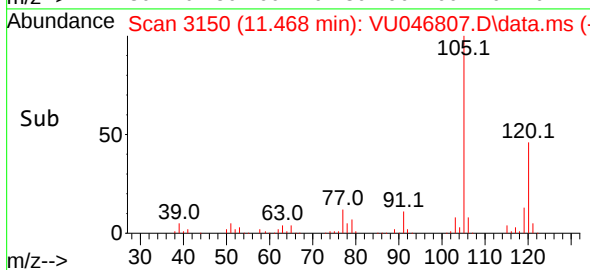
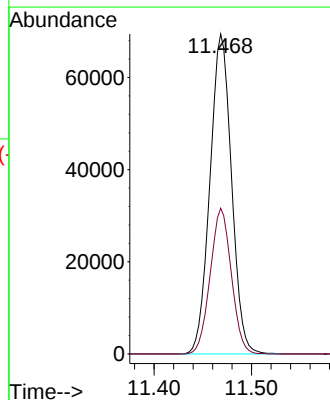
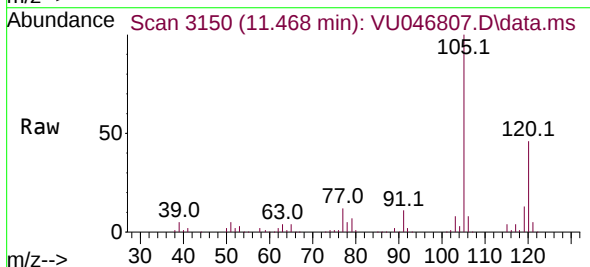
Acq: 20 Jan 2022 13:32

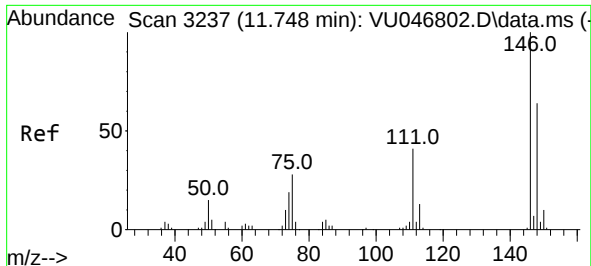
Tgt Ion:105 Resp: 106674

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.8

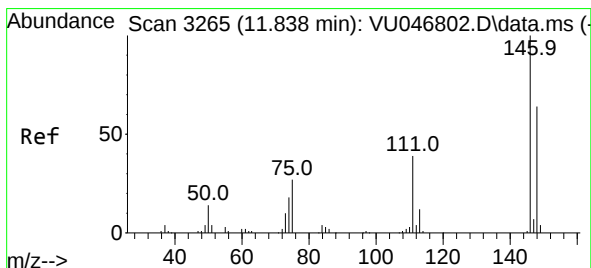
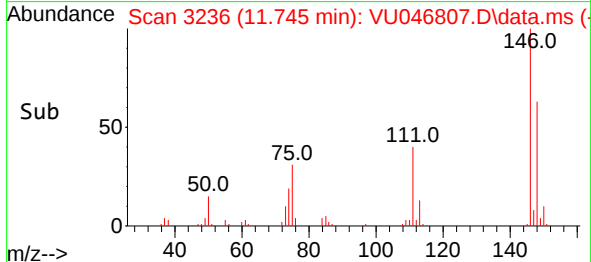
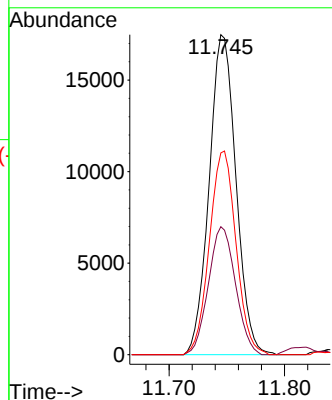
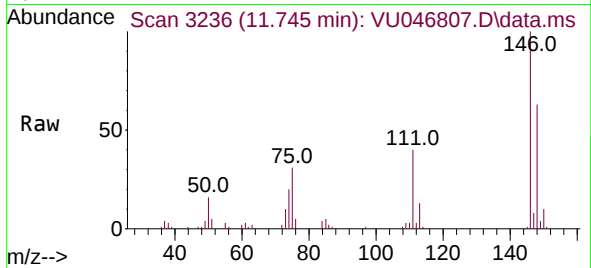




#64  
1,3-Dichlorobenzene  
Concen: 2.321 ug/L  
RT: 11.745 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

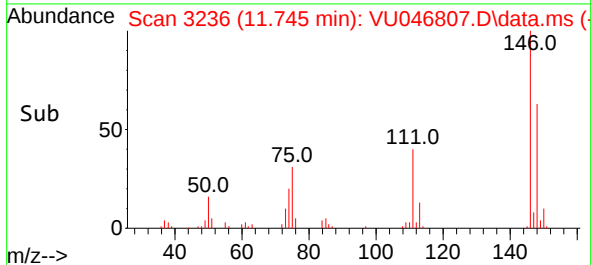
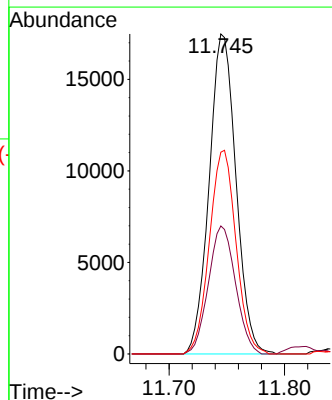
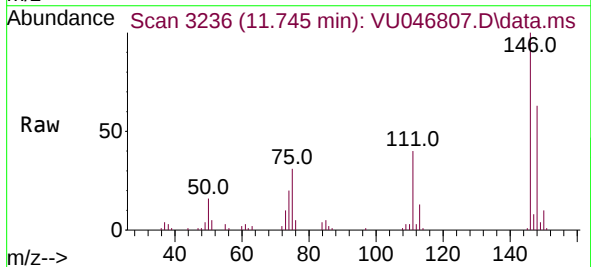
Instrument :  
MSVOA\_U  
ClientSampleId :

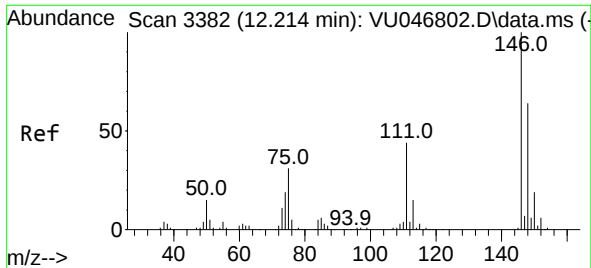
Tgt Ion:146 Resp: 28191  
Ion Ratio Lower Upper  
146 100  
111 40.0 29.9 55.5  
148 63.1 44.3 82.3



#65  
1,4-Dichlorobenzene  
Concen: 2.306 ug/L  
RT: 11.745 min Scan# 3236  
Delta R.T. -0.093 min  
Lab File: VU046807.D  
Acq: 20 Jan 2022 13:32

Tgt Ion:146 Resp: 28191  
Ion Ratio Lower Upper  
146 100  
111 40.0 28.7 53.3  
148 63.1 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 2.381 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

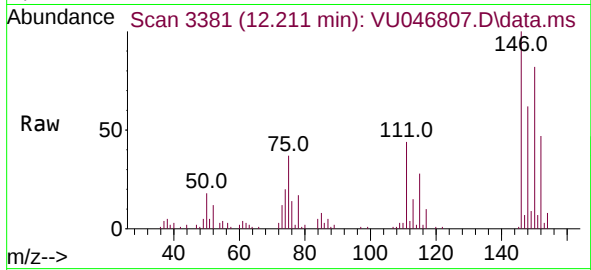
Lab File: VU046807.D

Acq: 20 Jan 2022 13:32

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:146 Resp: 27983

Ion Ratio Lower Upper

146 100

111 44.2 35.4 53.0

148 62.5 51.1 76.7

