

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100821\  
 Data File : VW022716.D  
 Acq On : 08 Oct 2021 20:55  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 09 01:26:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 09 01:23:25 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 106692   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 104910   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 60913    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 33315    | 4.539    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.800%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 33471    | 5.074    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 101.400% |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 70984    | 4.930    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 98.600%  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 92994    | 48.315   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.640%  |
| 24) Chloroform-d              | 4.349  | 84    | 75248    | 4.974    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 35523    | 4.838    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.800%  |
| 32) Benzene-d6                | 5.050  | 84    | 144934   | 4.641    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 43401    | 4.693    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.800%  |
| 41) Toluene-d8                | 7.317  | 98    | 134909   | 4.997    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.000% |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 14282    | 4.655    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.000%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 70043    | 56.649   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 113.300% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 33565    | 5.357    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 107.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 54897    | 4.861    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 42628    | 5.482    | ug/L   | 98       |
| 3) Chloromethane              | 1.240  | 50    | 44999    | 5.758    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.307  | 62    | 45123    | 5.588    | ug/L   | 100      |
| 6) Bromomethane               | 1.519  | 94    | 27456    | 5.454    | ug/L   | 98       |
| 8) Chloroethane               | 1.584  | 64    | 28550    | 5.715    | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 67310    | 5.691    | ug/L   | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101   | 40539    | 5.892    | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.117  | 96    | 38005    | 5.897    | ug/L   | 80       |
| 13) Acetone                   | 2.191  | 43    | 55790    | 51.981   | ug/L # | 54       |
| 14) Carbon disulfide          | 2.291  | 76    | 103908   | 5.737    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.439  | 43    | 12446    | 4.053    | ug/L   | 99       |
| 16) Methylene chloride        | 2.507  | 84    | 53311    | 6.010    | ug/L   | 90       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 81198    | 5.207    | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96    | 39268    | 5.603    | ug/L   | 93       |
| 19) 1,1-Dichloroethane        | 3.188  | 63    | 68332    | 5.413    | ug/L   | 98       |
| 21) 2-Butanone                | 3.982  | 43    | 87449    | 49.763   | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 39308    | 5.341    | ug/L   | 98       |
| 23) Bromochloromethane        | 4.252  | 128   | 18886    | 5.776    | ug/L   | 94       |
| 25) Chloroform                | 4.375  | 83    | 73030    | 4.991    | ug/L   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100821\  
 Data File : VW022716.D  
 Acq On : 08 Oct 2021 20:55  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 09 01:26:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 09 01:23:25 2021  
 Response via : Initial Calibration

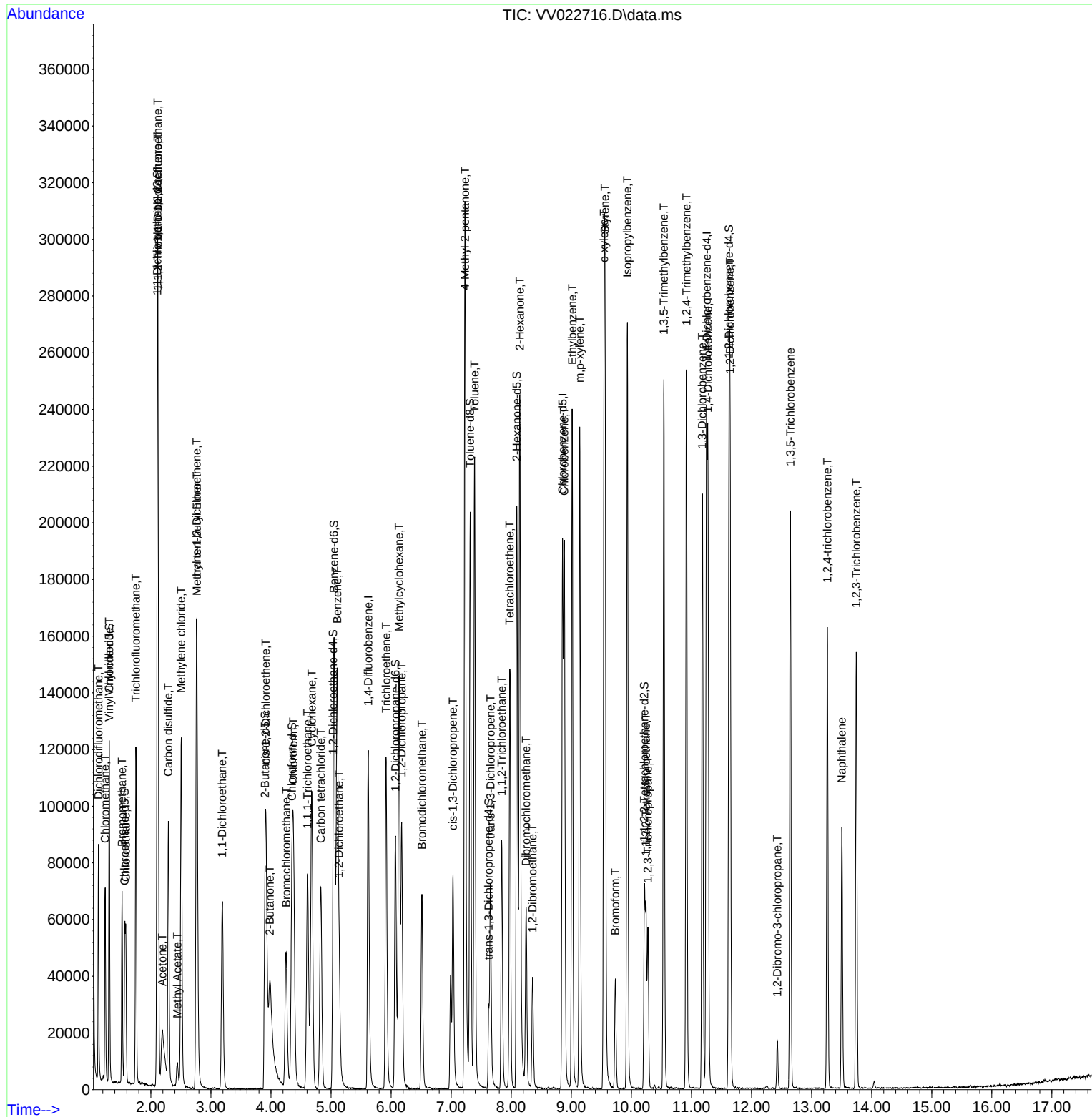
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 39230    | 5.372  | ug/L  | 96       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 62046    | 5.179  | ug/L  | 98       |
| 30) Cyclohexane               | 4.677  | 56   | 53181    | 4.811  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 54443    | 5.236  | ug/L  | 99       |
| 33) Benzene                   | 5.101  | 78   | 151051   | 5.346  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 39445    | 5.134  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.133  | 83   | 57592    | 5.350  | ug/L  | 94       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 38376    | 5.647  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.513  | 83   | 46395    | 5.541  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 47052    | 5.230  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 214198   | 58.663 | ug/L  | 99       |
| 42) Toluene                   | 7.391  | 91   | 167226   | 5.830  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 40171    | 5.478  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 27775    | 5.508  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.976  | 164  | 34299    | 5.520  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.143  | 43   | 162663   | 60.928 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.246  | 129  | 32702    | 5.540  | ug/L  | 94       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 26091    | 5.541  | ug/L  | 96       |
| 51) Chlorobenzene             | 8.882  | 112  | 105201   | 5.582  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.014  | 91   | 163949   | 5.630  | ug/L  | 100      |
| 53) m,p-xylene                | 9.140  | 106  | 68402    | 5.985  | ug/L  | 96       |
| 54) o-xylene                  | 9.545  | 106  | 62512    | 5.814  | ug/L  | 99       |
| 55) Styrene                   | 9.561  | 104  | 111943   | 6.042  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 30020    | 5.884  | ug/L  | 99       |
| 59) Bromoform                 | 9.731  | 173  | 18088    | 5.301  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.934  | 105  | 170251   | 5.503  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 22651    | 5.352  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 134864   | 5.395  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105  | 138330   | 5.529  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 89328    | 5.501  | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 87403    | 5.301  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 84043    | 5.517  | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 4000     | 5.193  | ug/L  | 88       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 65198    | 5.330  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 49779    | 5.327  | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 72501    | 4.881  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 48136    | 5.463  | ug/L  | 100      |

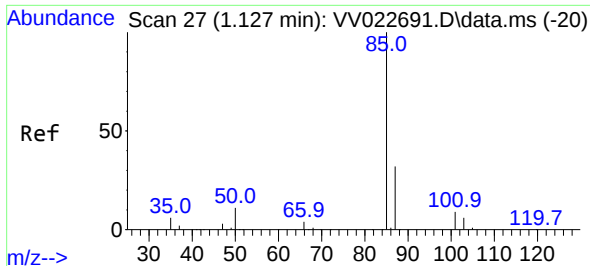
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100821\  
 Data File : VV022716.D  
 Acq On : 08 Oct 2021 20:55  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 09 01:26:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 09 01:23:25 2021  
 Response via : Initial Calibration

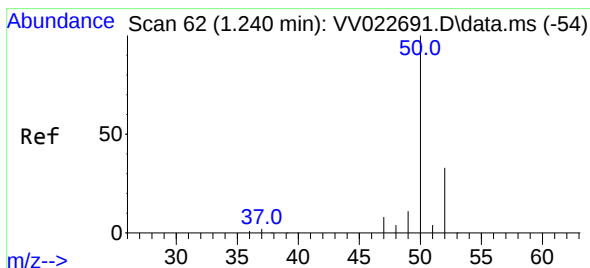
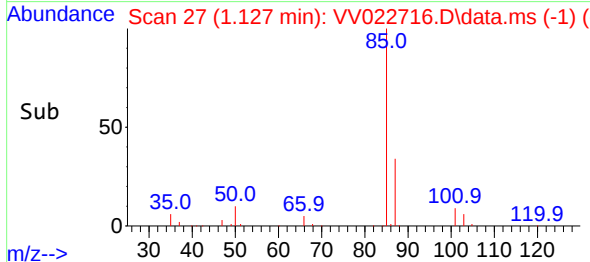
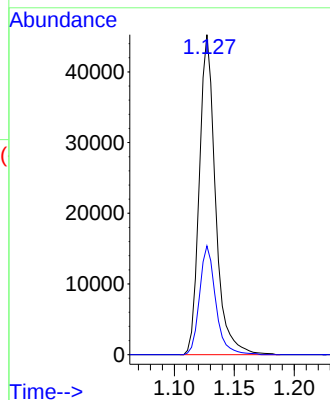
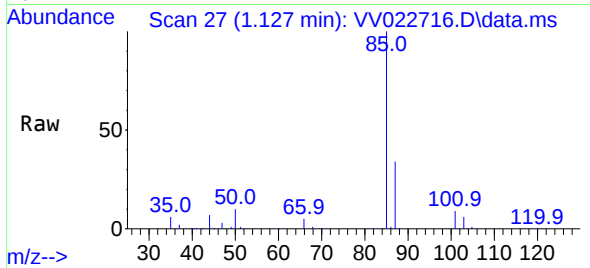




#2  
 Dichlorodifluoromethane  
 Concen: 5.482 ug/L  
 RT: 1.127 min Scan# 27  
 Delta R.T. 0.000 min  
 Lab File: VV022716.D  
 Acq: 08 Oct 2021 20:55

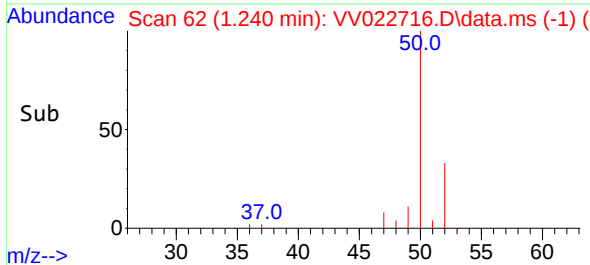
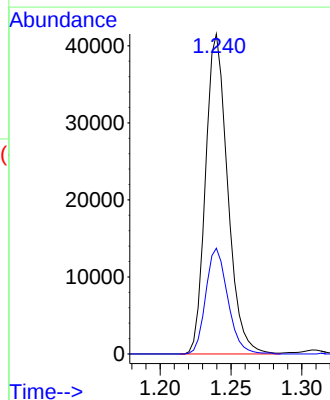
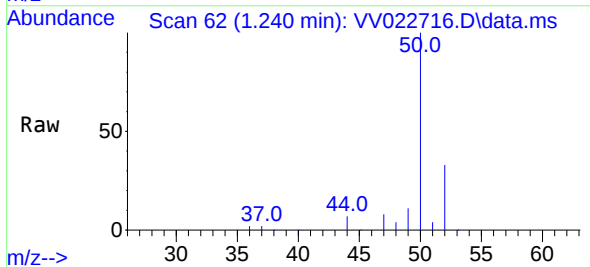
Instrument :  
 MSVOA\_V  
 ClientSampled :

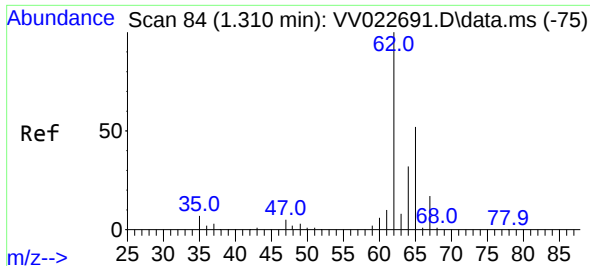
Tgt Ion: 85 Resp: 42628  
 Ion Ratio Lower Upper  
 85 100  
 87 33.9 26.3 39.5



#3  
 Chloromethane  
 Concen: 5.758 ug/L  
 RT: 1.240 min Scan# 62  
 Delta R.T. 0.000 min  
 Lab File: VV022716.D  
 Acq: 08 Oct 2021 20:55

Tgt Ion: 50 Resp: 44999  
 Ion Ratio Lower Upper  
 50 100  
 52 33.1 22.9 42.5

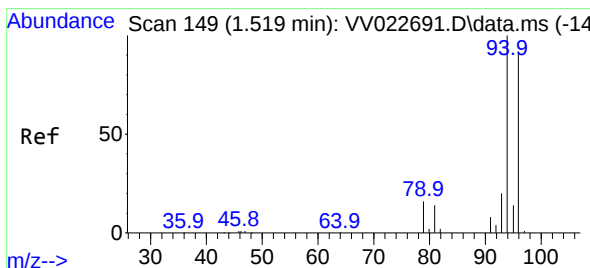
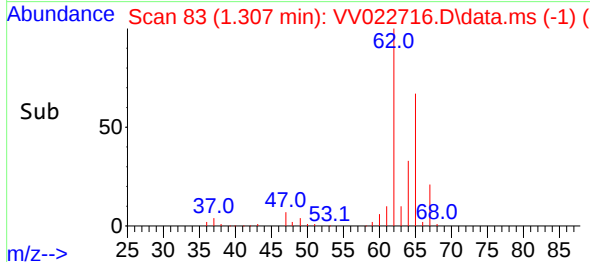
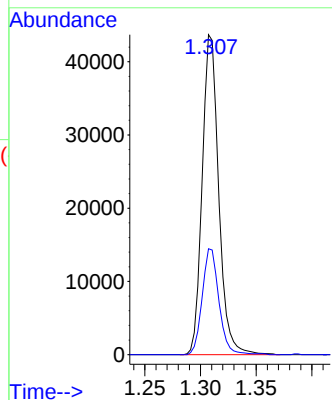
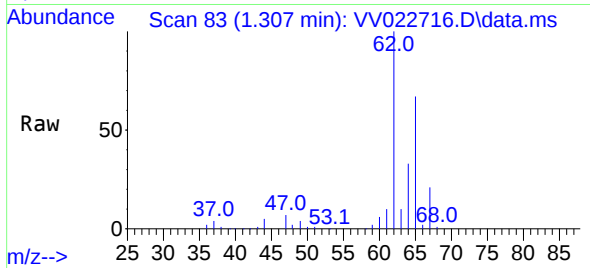




#5  
 Vinyl chloride  
 Concen: 5.588 ug/L  
 RT: 1.307 min Scan# 83  
 Delta R.T. -0.003 min  
 Lab File: VV022716.D  
 Acq: 08 Oct 2021 20:55

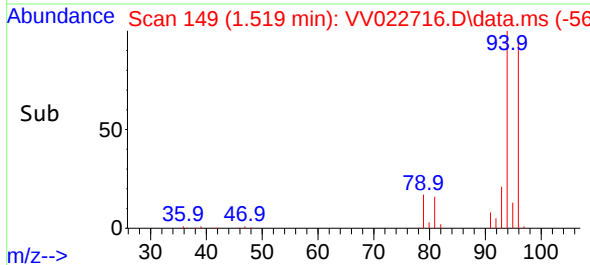
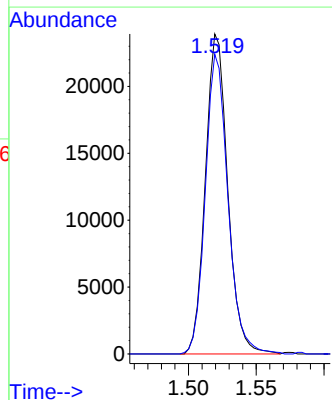
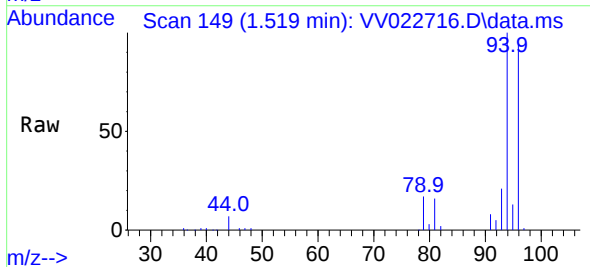
Instrument :  
 MSVOA\_V  
 ClientSampled :

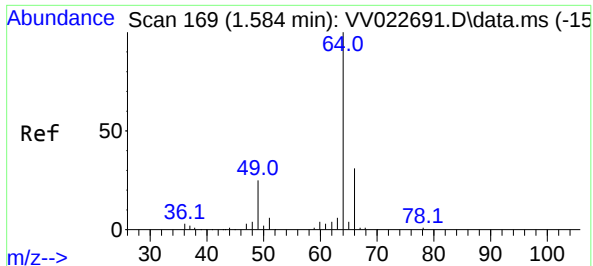
Tgt Ion: 62 Resp: 45123  
 Ion Ratio Lower Upper  
 62 100  
 64 33.1 23.0 42.8



#6  
 Bromomethane  
 Concen: 5.454 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. 0.000 min  
 Lab File: VV022716.D  
 Acq: 08 Oct 2021 20:55

Tgt Ion: 94 Resp: 27456  
 Ion Ratio Lower Upper  
 94 100  
 96 93.6 67.2 124.8

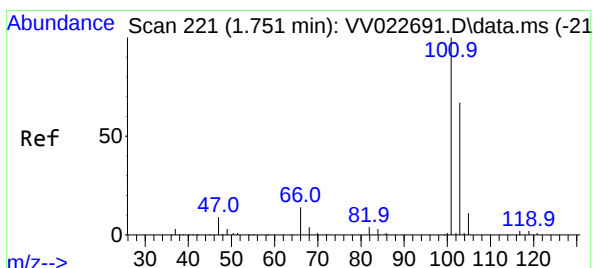
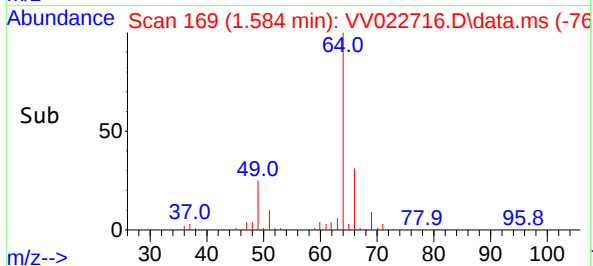
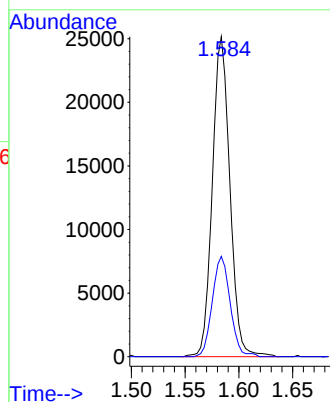
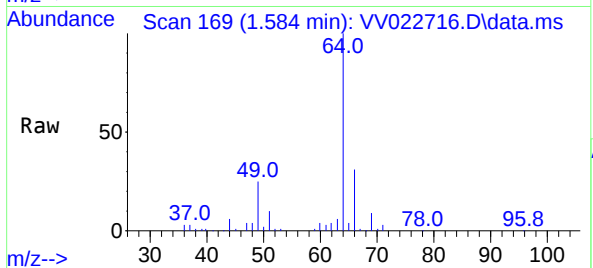




#8  
Chloroethane  
Concen: 5.715 ug/L  
RT: 1.584 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

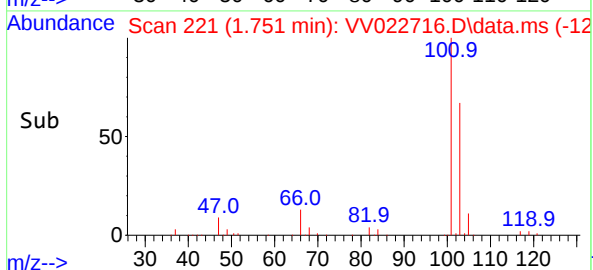
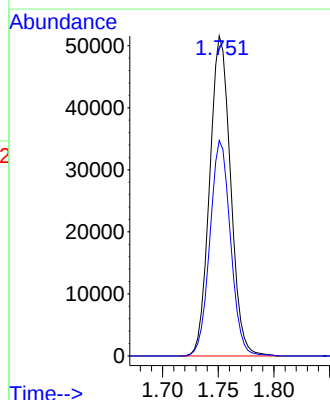
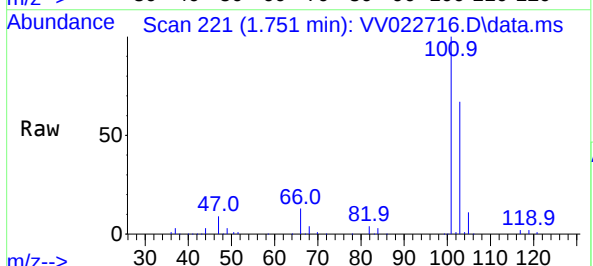
Instrument :  
MSVOA\_V  
ClientSampled :

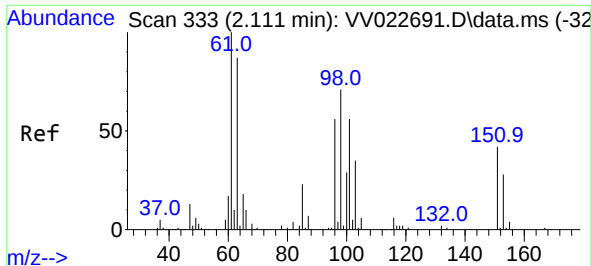
Tgt Ion: 64 Resp: 28550  
Ion Ratio Lower Upper  
64 100  
66 31.3 22.9 42.5



#9  
Trichlorofluoromethane  
Concen: 5.691 ug/L  
RT: 1.751 min Scan# 221  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion:101 Resp: 67310  
Ion Ratio Lower Upper  
101 100  
103 66.3 50.3 75.5

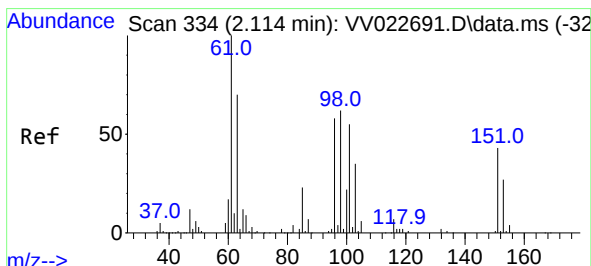
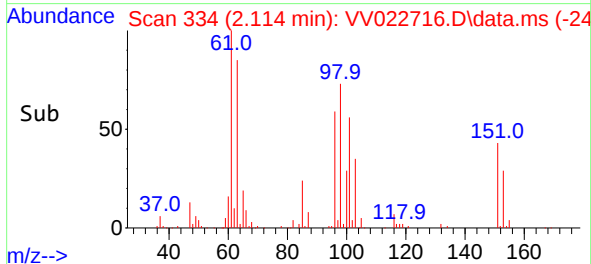
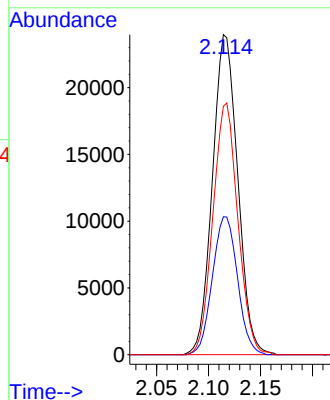
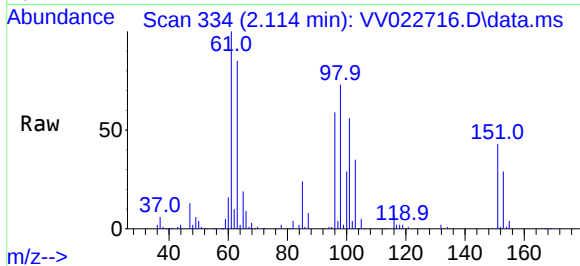




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 5.892 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

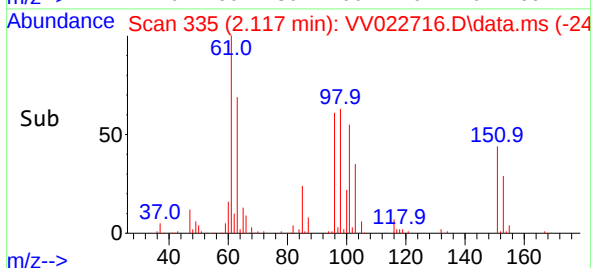
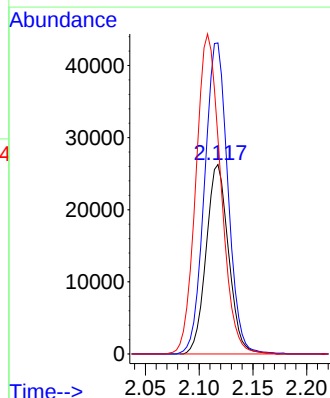
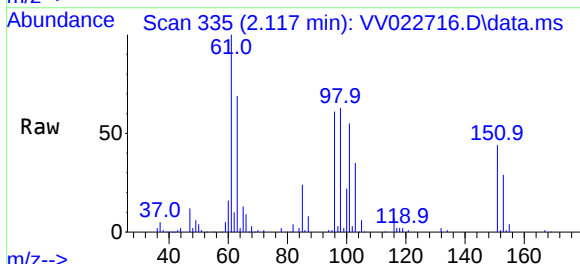
Instrument :  
MSVOA\_V  
ClientSampleId :

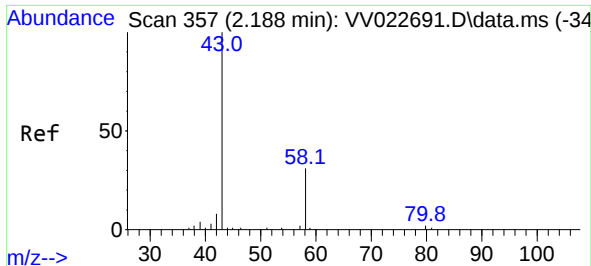
Tgt Ion:101 Resp: 40539  
Ion Ratio Lower Upper  
101 100  
85 42.8 34.6 52.0  
151 77.5 60.9 91.3



#12  
1,1-Dichloroethene  
Concen: 5.897 ug/L  
RT: 2.117 min Scan# 335  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 96 Resp: 38005  
Ion Ratio Lower Upper  
96 100  
61 164.2 127.3 236.5  
63 113.7 106.2 197.2

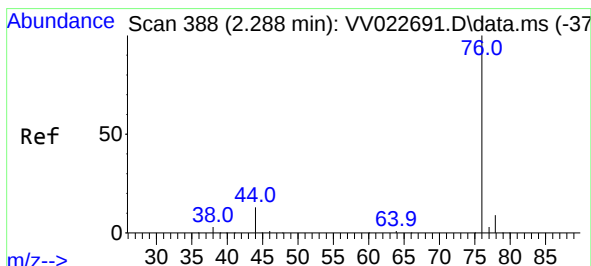
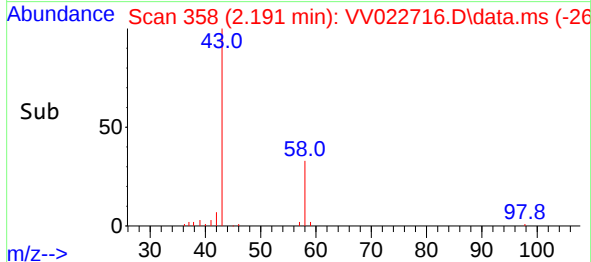
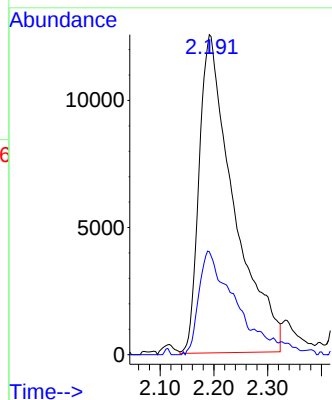
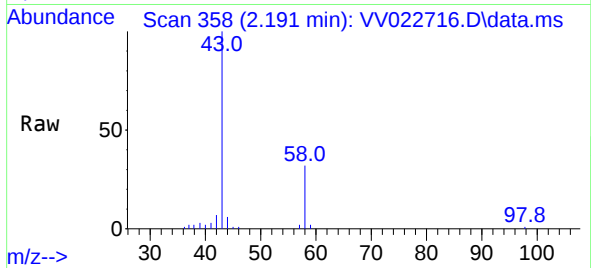




#13  
Acetone  
Concen: 51.981 ug/L  
RT: 2.191 min Scan# 358  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

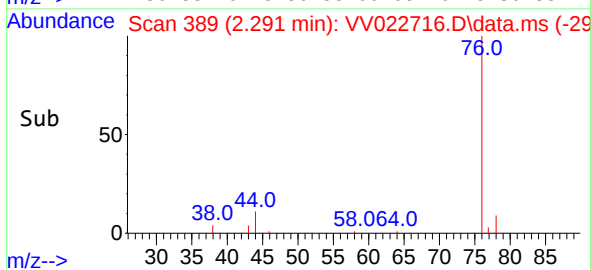
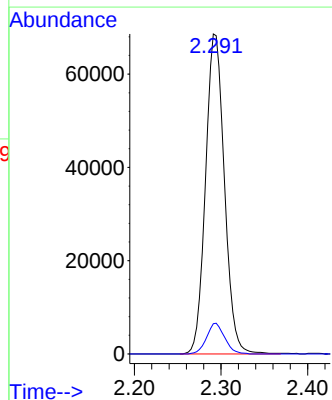
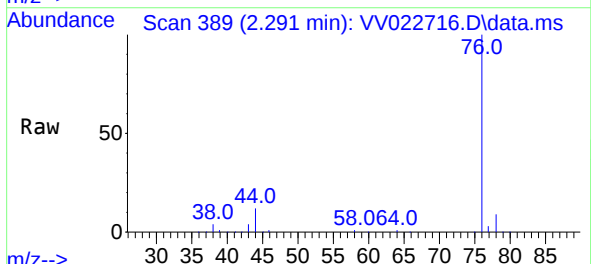
Instrument :  
MSVOA\_V  
ClientSampled :

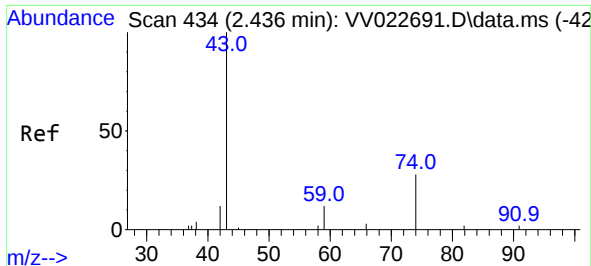
Tgt Ion: 43 Resp: 55790  
Ion Ratio Lower Upper  
43 100  
58 30.0 0.0 24.2#



#14  
Carbon disulfide  
Concen: 5.737 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 76 Resp: 103908  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0

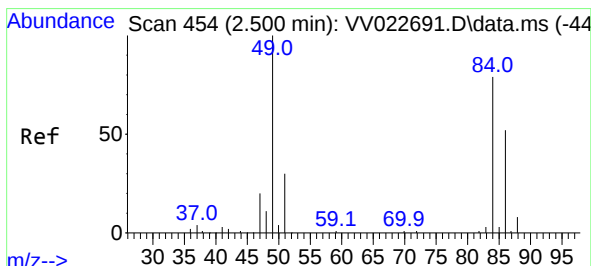
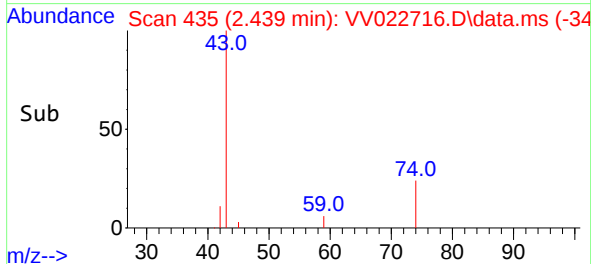
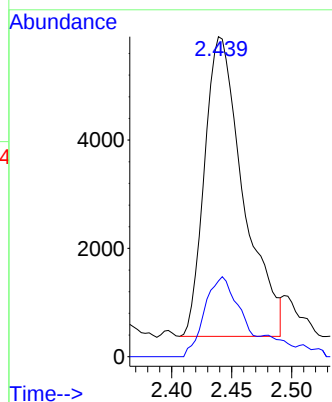
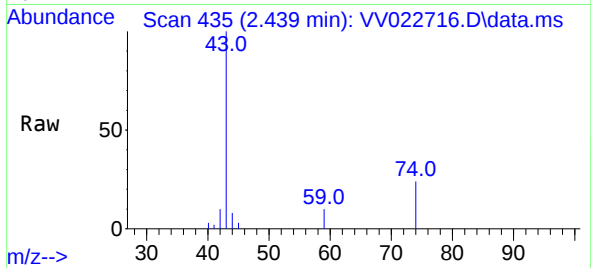




#15  
Methyl Acetate  
Concen: 4.053 ug/L  
RT: 2.439 min Scan# 435  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

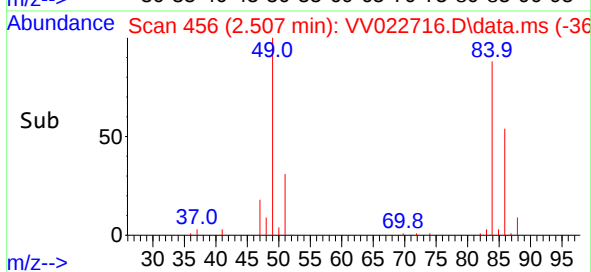
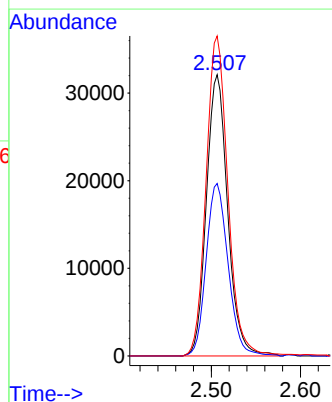
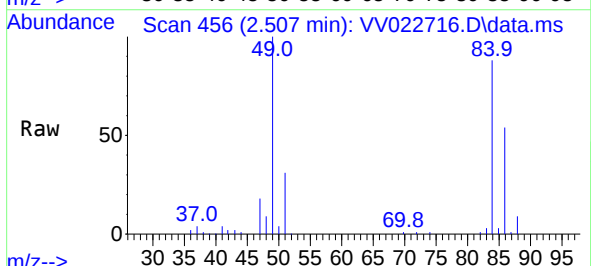
Instrument :  
MSVOA\_V  
ClientSampled :

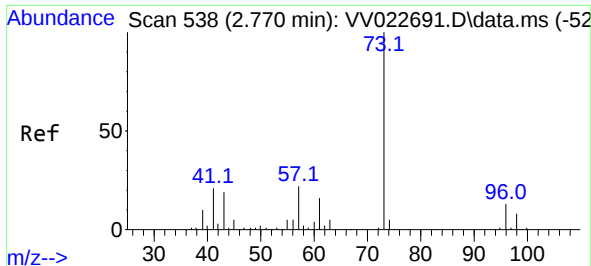
Tgt Ion: 43 Resp: 12446  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.9 29.9



#16  
Methylene chloride  
Concen: 6.010 ug/L  
RT: 2.507 min Scan# 456  
Delta R.T. 0.006 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 84 Resp: 53311  
Ion Ratio Lower Upper  
84 100  
86 61.3 45.8 85.2  
49 113.8 90.3 167.7

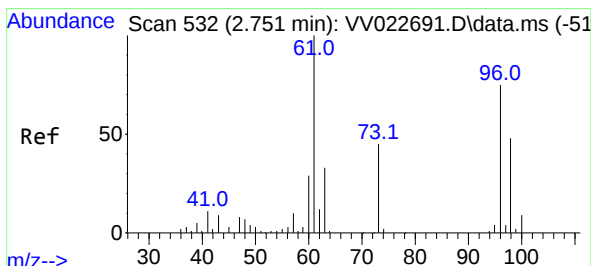
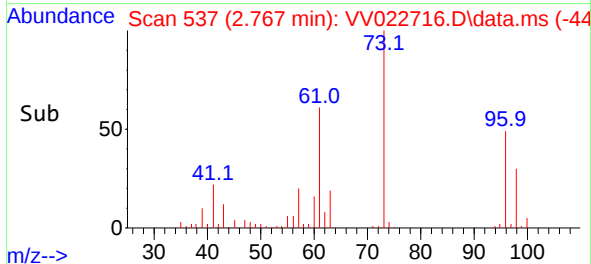
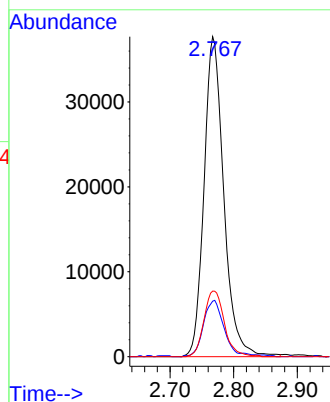
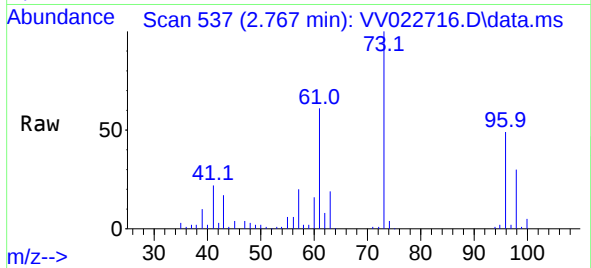




#17  
Methyl tert-butyl Ether  
Concen: 5.207 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. -0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

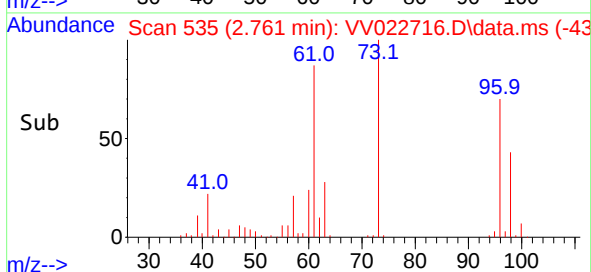
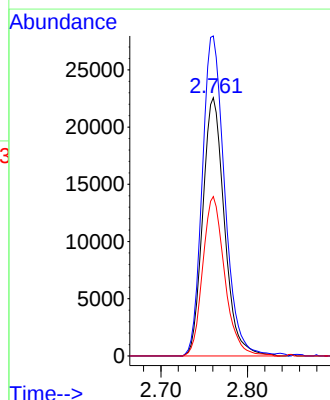
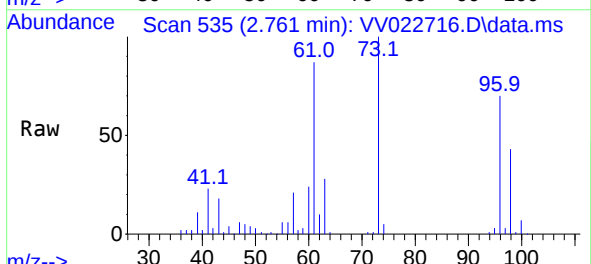
Instrument :  
MSVOA\_V  
ClientSampled :

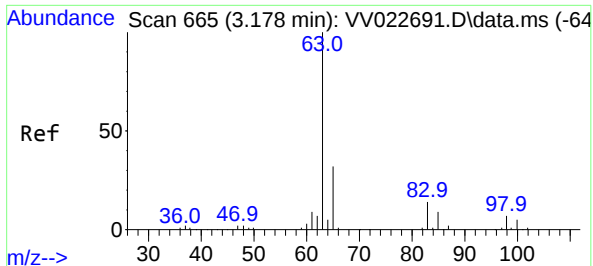
Tgt Ion: 73 Resp: 81198  
Ion Ratio Lower Upper  
73 100  
43 17.8 17.1 25.7  
57 21.1 17.2 25.8



#18  
trans-1,2-Dichloroethene  
Concen: 5.603 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. 0.010 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 96 Resp: 39268  
Ion Ratio Lower Upper  
96 100  
61 123.9 94.5 175.5  
98 61.7 44.2 82.0

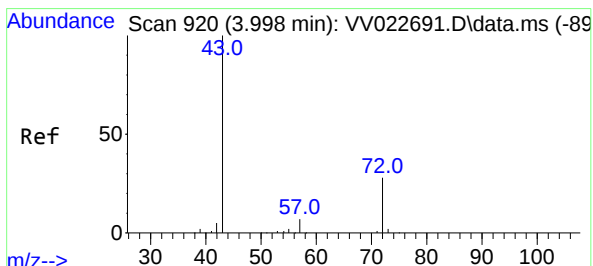
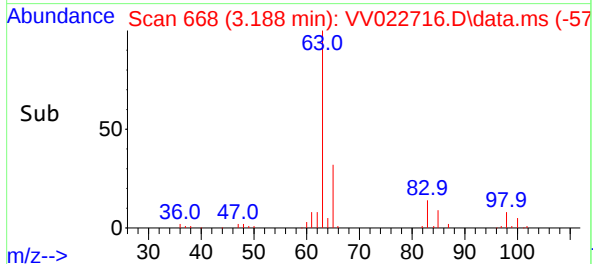
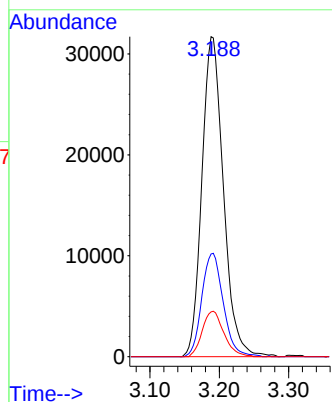
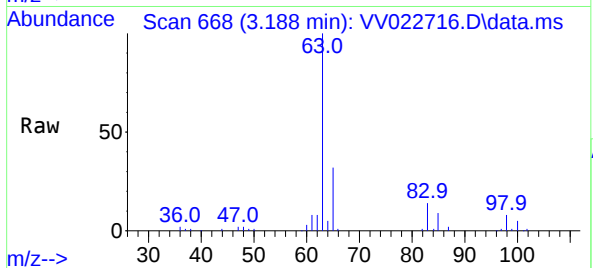




#19  
1,1-Dichloroethane  
Concen: 5.413 ug/L  
RT: 3.188 min Scan# 668  
Delta R.T. 0.010 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

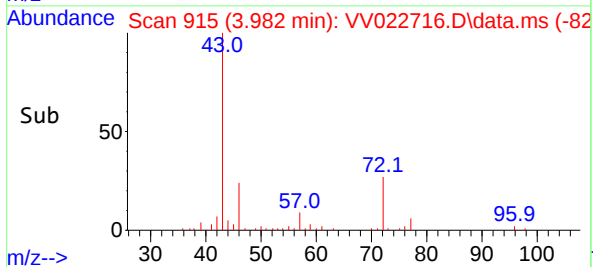
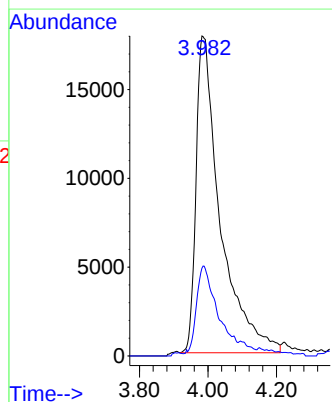
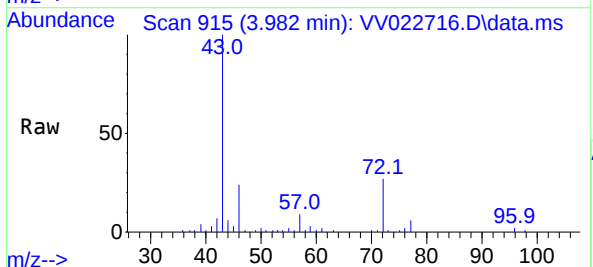
Instrument :  
MSVOA\_V  
ClientSampled :

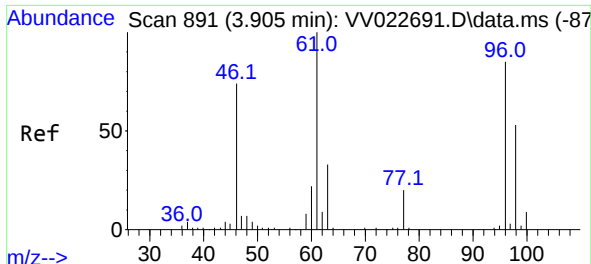
Tgt Ion: 63 Resp: 68332  
Ion Ratio Lower Upper  
63 100  
65 32.1 23.5 43.7  
83 14.0 10.1 18.7



#21  
2-Butanone  
Concen: 49.763 ug/L  
RT: 3.982 min Scan# 915  
Delta R.T. -0.016 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

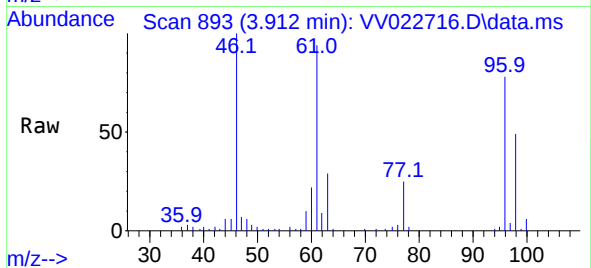
Tgt Ion: 43 Resp: 87449  
Ion Ratio Lower Upper  
43 100  
72 23.7 12.3 36.8



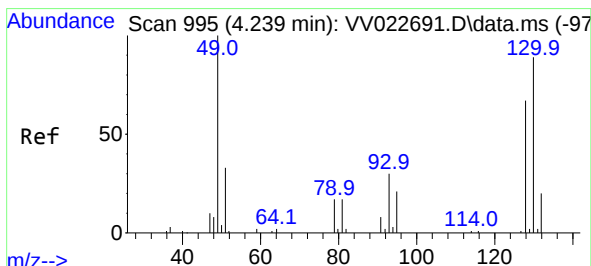
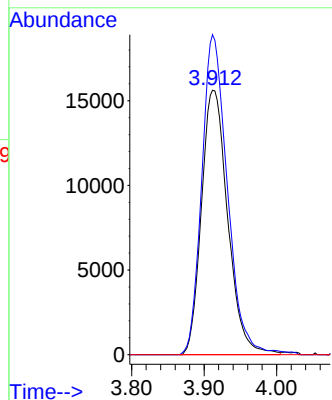
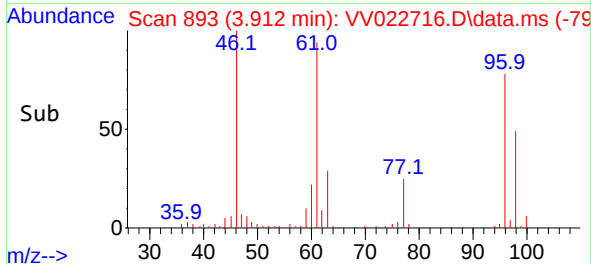


#22  
cis-1,2-Dichloroethene  
Concen: 5.341 ug/L  
RT: 3.912 min Scan# 893  
Delta R.T. 0.006 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

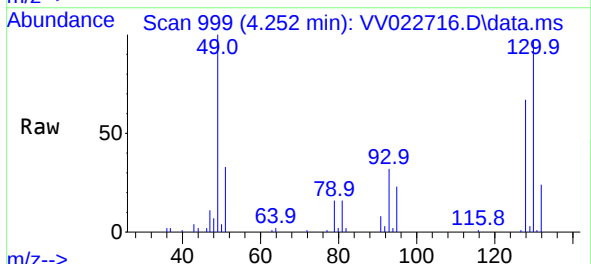
Instrument :  
MSVOA\_V  
ClientSampled :



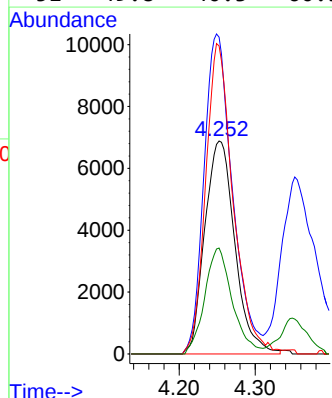
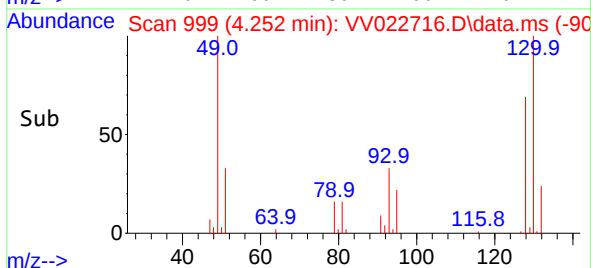
Tgt Ion: 96 Resp: 39308  
Ion Ratio Lower Upper  
96 100  
61 121.0 86.0 159.6  
68 0.0 0.0 0.0

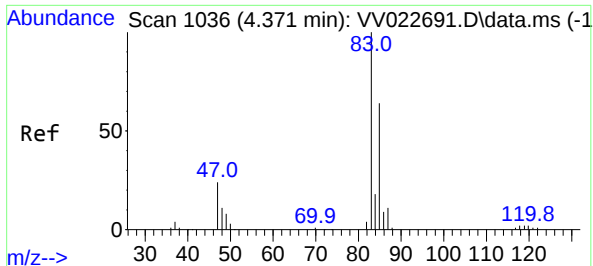


#23  
Bromochloromethane  
Concen: 5.776 ug/L  
RT: 4.252 min Scan# 999  
Delta R.T. 0.013 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55



Tgt Ion: 128 Resp: 18886  
Ion Ratio Lower Upper  
128 100  
49 148.7 106.9 198.5  
130 144.6 91.9 170.7  
51 49.8 40.3 60.5



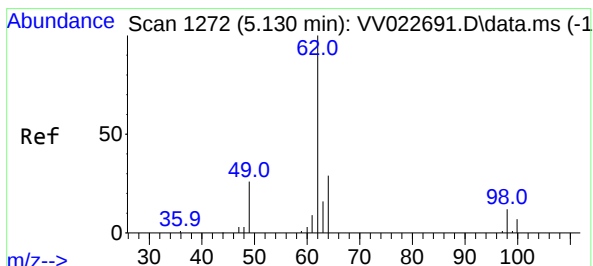
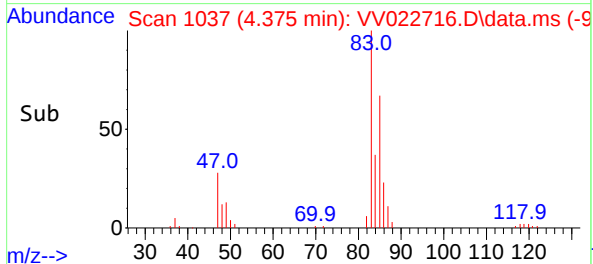
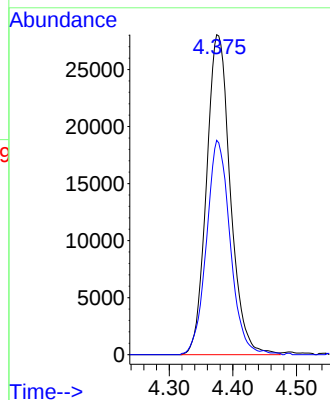
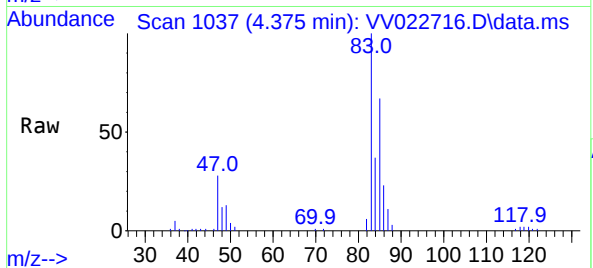


#25

Chloroform  
Concen: 4.991 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Instrument :  
MSVOA\_V  
ClientSampled :

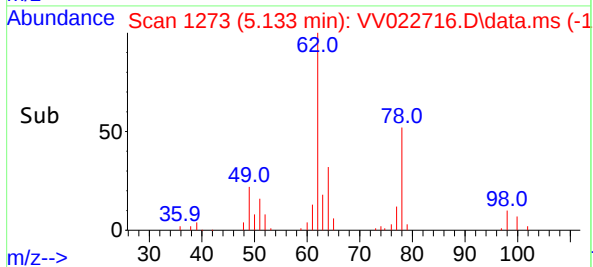
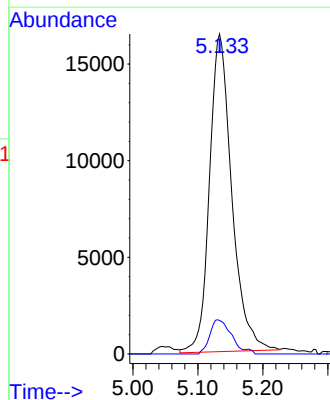
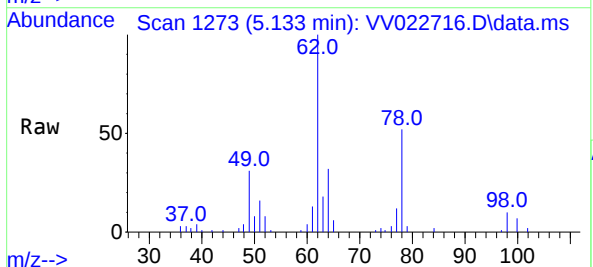
Tgt Ion: 83 Resp: 73030  
Ion Ratio Lower Upper  
83 100  
85 67.0 45.7 84.9

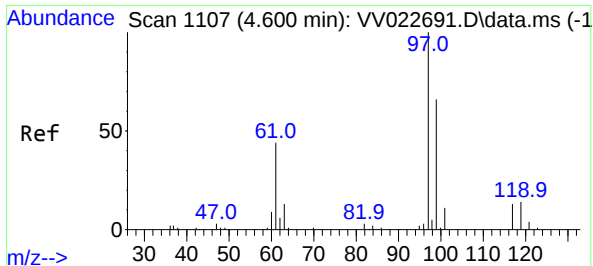


#27

1,2-Dichloroethane  
Concen: 5.372 ug/L  
RT: 5.133 min Scan# 1273  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 62 Resp: 39230  
Ion Ratio Lower Upper  
62 100  
98 10.4 9.7 14.5



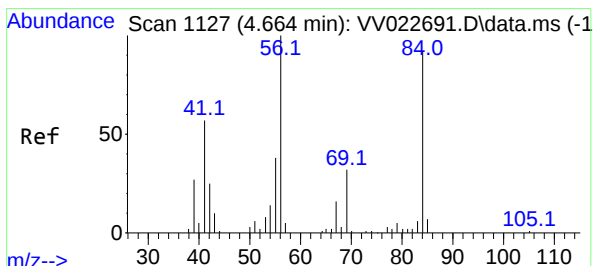
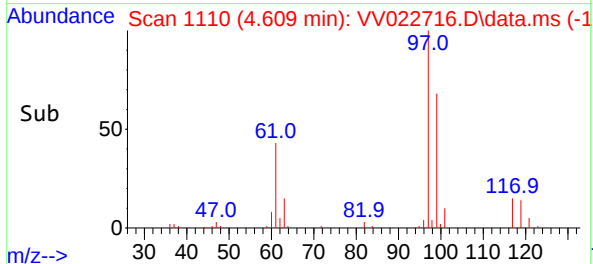
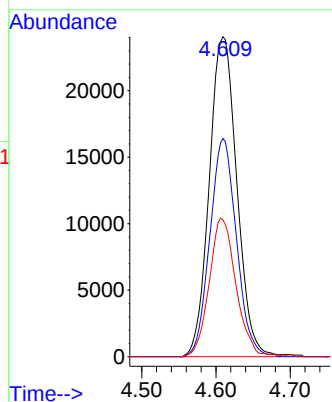
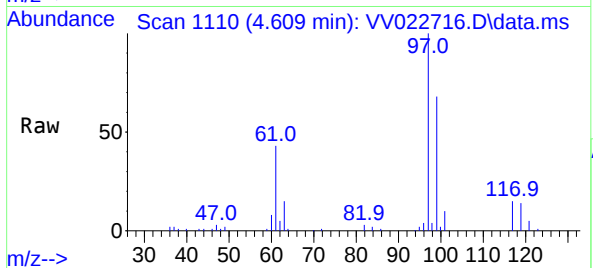


#29

1,1,1-Trichloroethane  
Concen: 5.179 ug/L  
RT: 4.609 min Scan# 1110  
Delta R.T. 0.010 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Instrument :  
MSVOA\_V  
ClientSampled :

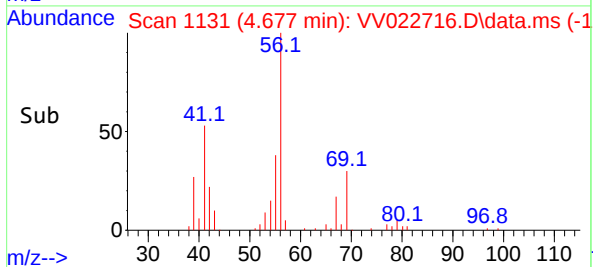
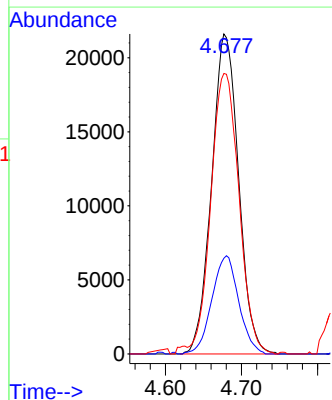
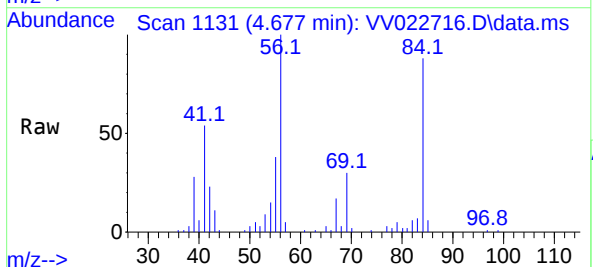
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 62046 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 65.7     | 51.2 76.8   |
| 61 41.9     | 33.2 49.8   |

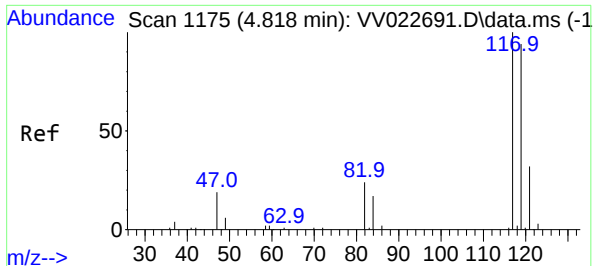


#30

Cyclohexane  
Concen: 4.811 ug/L  
RT: 4.677 min Scan# 1131  
Delta R.T. 0.013 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

|             |             |
|-------------|-------------|
| Tgt Ion: 56 | Resp: 53181 |
| Ion Ratio   | Lower Upper |
| 56 100      |             |
| 69 30.6     | 24.9 37.3   |
| 84 91.5     | 72.5 108.7  |

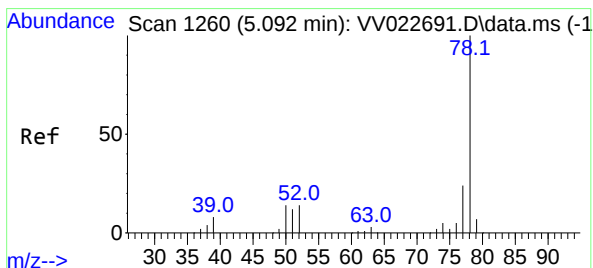
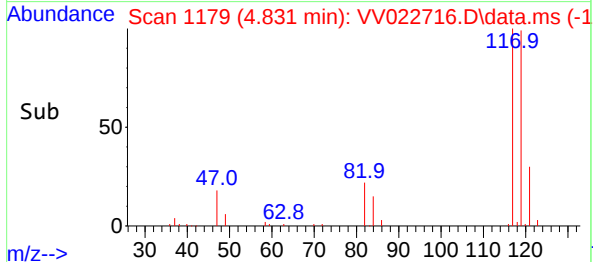
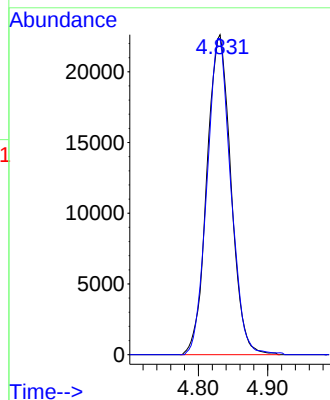
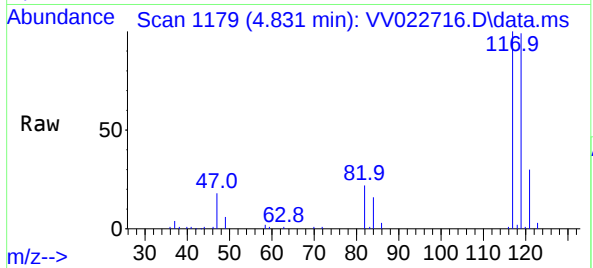




#31  
Carbon tetrachloride  
Concen: 5.236 ug/L  
RT: 4.831 min Scan# 1179  
Delta R.T. 0.013 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

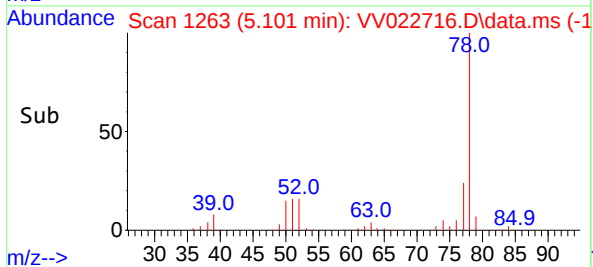
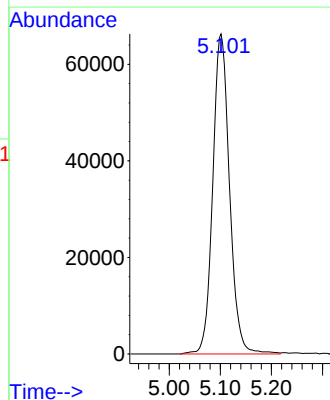
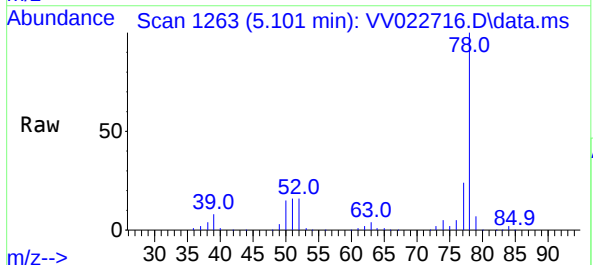
Instrument :  
MSVOA\_V  
ClientSampled :

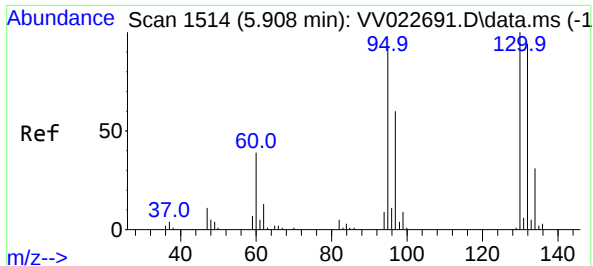
Tgt Ion:117 Resp: 54443  
Ion Ratio Lower Upper  
117 100  
119 98.1 77.4 116.0



#33  
Benzene  
Concen: 5.346 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. 0.010 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 78 Resp: 151051





#34

Trichloroethene

Concen: 5.134 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV022716.D

Acq: 08 Oct 2021 20:55

Tgt Ion: 95 Resp: 39445

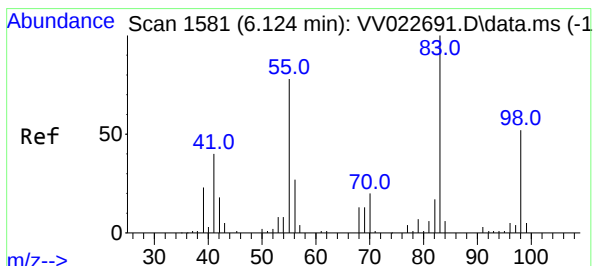
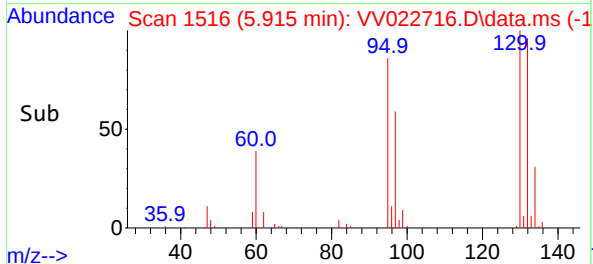
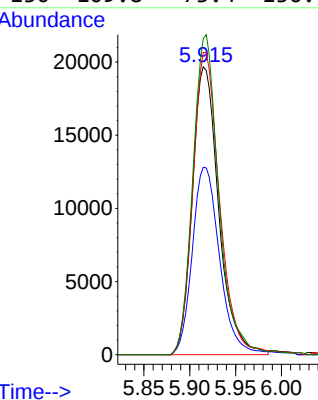
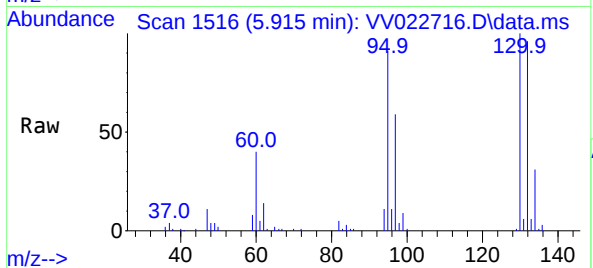
Ion Ratio Lower Upper

95 100

97 65.1 45.8 85.2

132 105.0 72.2 134.0

130 109.8 73.4 136.4



#35

Methylcyclohexane

Concen: 5.350 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.010 min

Lab File: VV022716.D

Acq: 08 Oct 2021 20:55

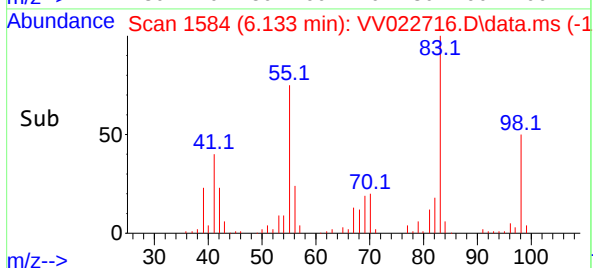
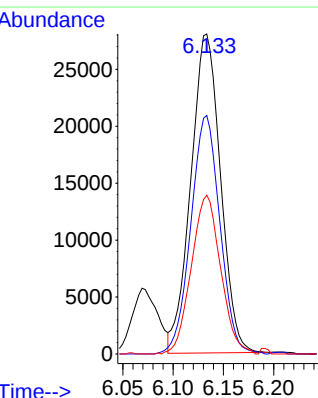
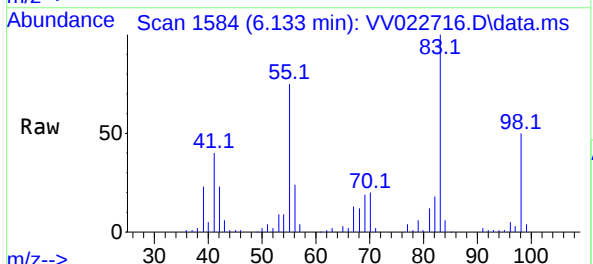
Tgt Ion: 83 Resp: 57592

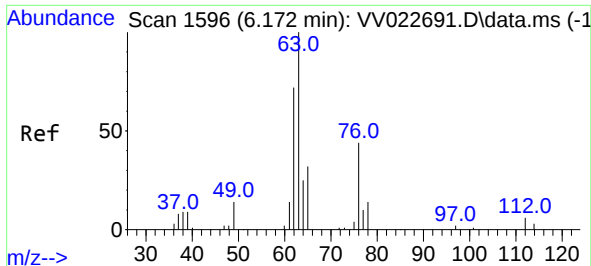
Ion Ratio Lower Upper

83 100

55 73.3 63.8 95.6

98 49.1 42.1 63.1

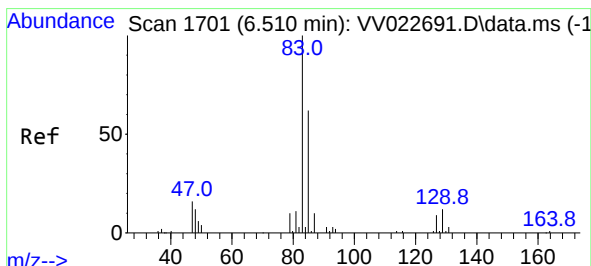
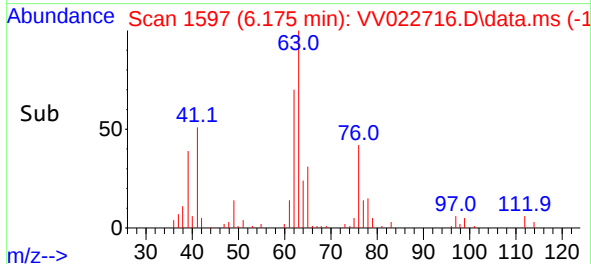
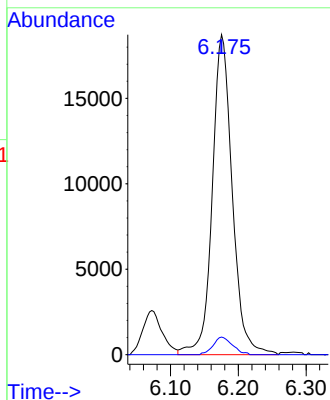
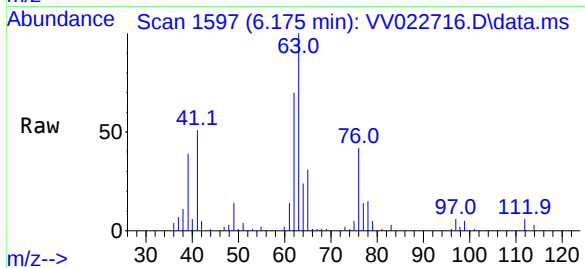




#37  
1,2-Dichloropropane  
Concen: 5.647 ug/L  
RT: 6.175 min Scan# 1597  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

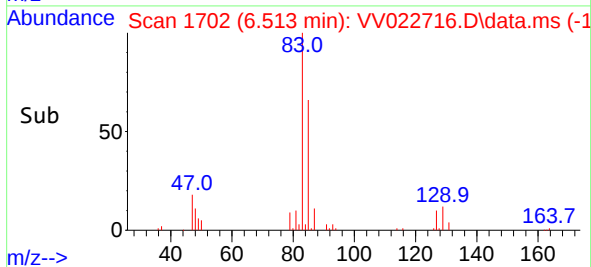
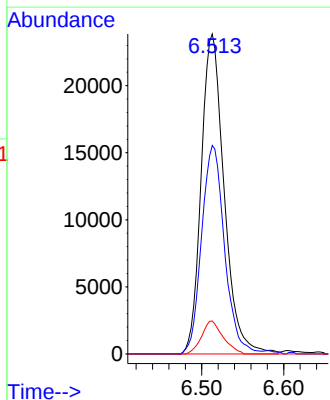
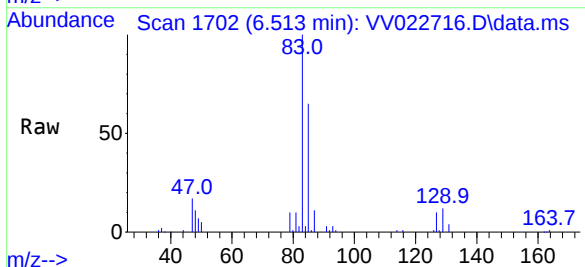
Instrument :  
MSVOA\_V  
ClientSampled :

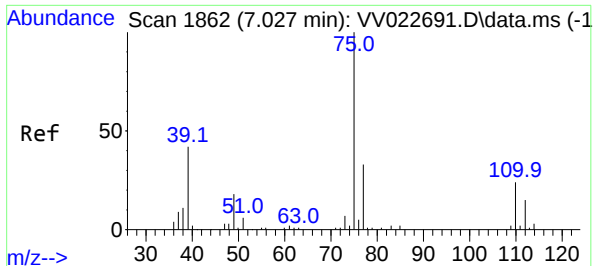
Tgt Ion: 63 Resp: 38376  
Ion Ratio Lower Upper  
63 100  
112 5.3 4.4 6.6



#38  
Bromodichloromethane  
Concen: 5.541 ug/L  
RT: 6.513 min Scan# 1702  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 83 Resp: 46395  
Ion Ratio Lower Upper  
83 100  
85 65.1 44.3 82.3  
127 10.3 7.7 11.5

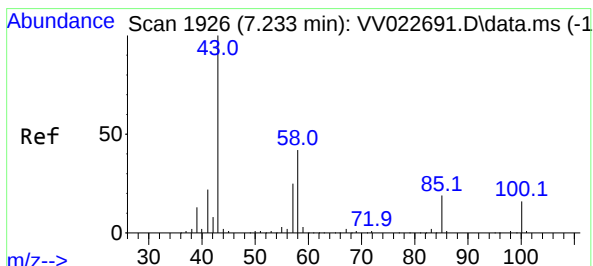
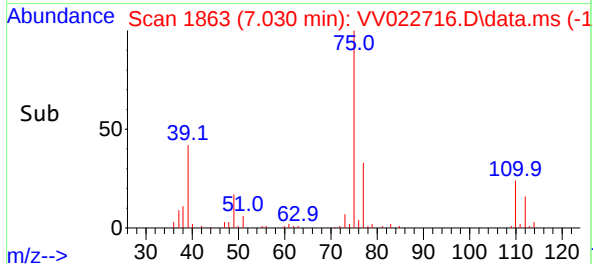
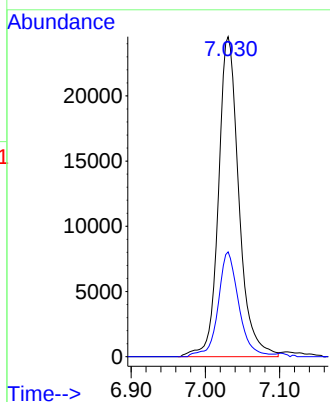
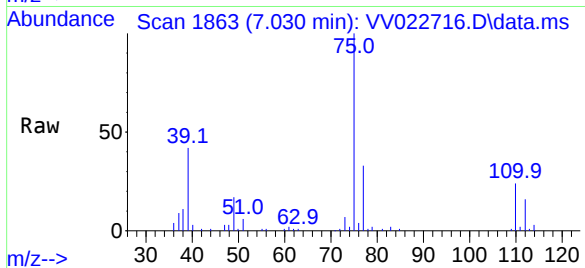




#39  
 cis-1,3-Dichloropropene  
 Concen: 5.230 ug/L  
 RT: 7.030 min Scan# 1863  
 Delta R.T. 0.003 min  
 Lab File: VV022716.D  
 Acq: 08 Oct 2021 20:55

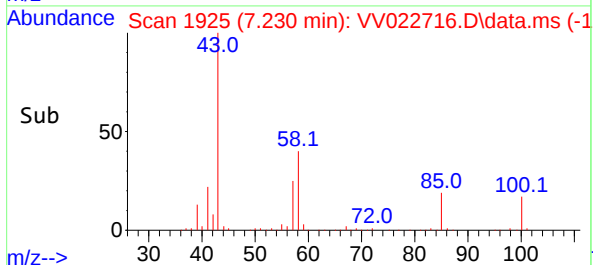
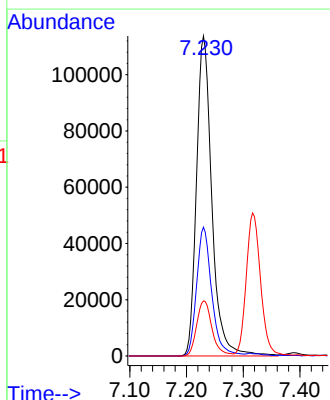
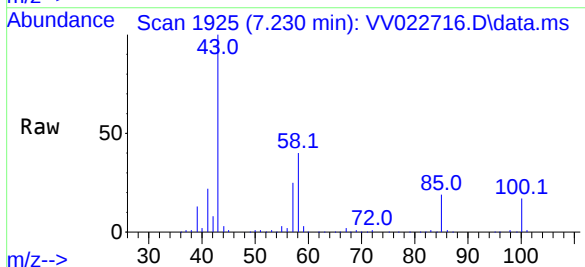
Instrument :  
 MSVOA\_V  
 ClientSampled :

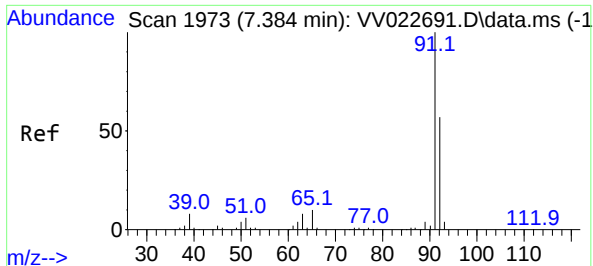
Tgt Ion: 75 Resp: 47052  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 22.3 41.3



#40  
 4-Methyl-2-pentanone  
 Concen: 58.663 ug/L  
 RT: 7.230 min Scan# 1925  
 Delta R.T. -0.003 min  
 Lab File: VV022716.D  
 Acq: 08 Oct 2021 20:55

Tgt Ion: 43 Resp: 214198  
 Ion Ratio Lower Upper  
 43 100  
 58 39.7 32.0 48.0  
 100 17.2 14.2 21.2





#42

Toluene

Concen: 5.830 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV022716.D

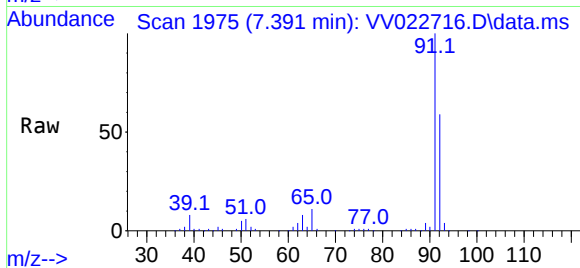
Acq: 08 Oct 2021 20:55

Tgt Ion: 91 Resp: 167226

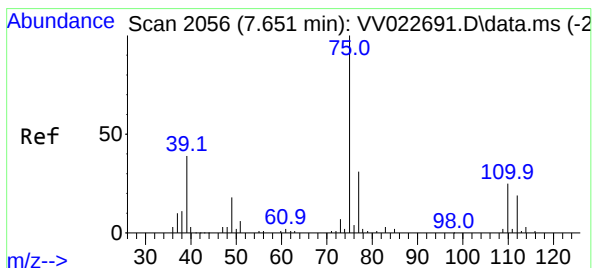
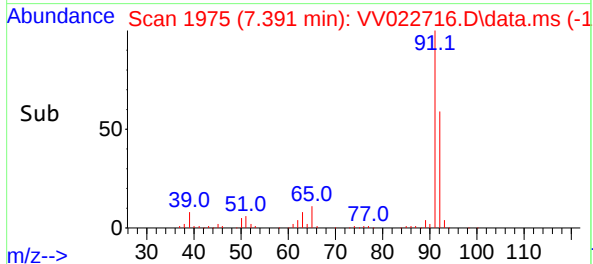
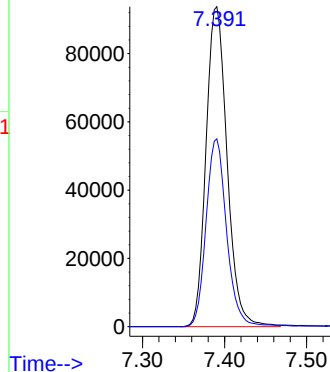
Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.7



Abundance



#44

trans-1,3-Dichloropropene

Concen: 5.478 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022716.D

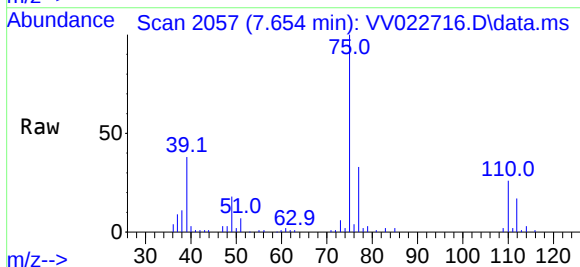
Acq: 08 Oct 2021 20:55

Tgt Ion: 75 Resp: 40171

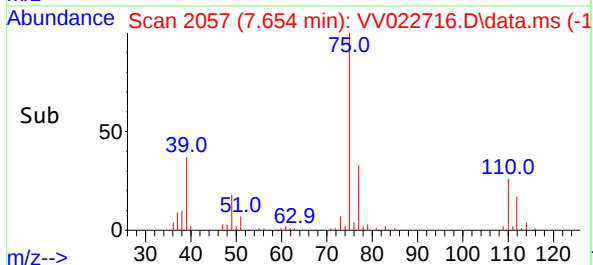
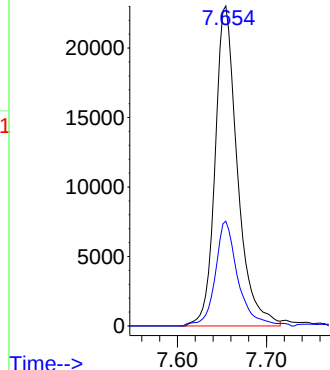
Ion Ratio Lower Upper

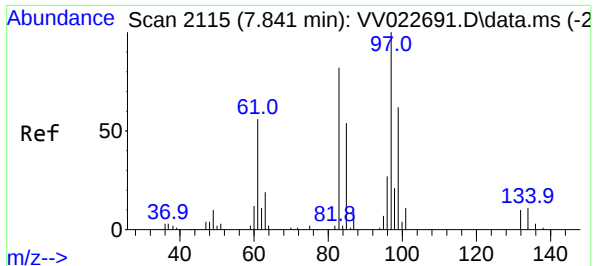
75 100

77 32.8 23.9 44.5



Abundance



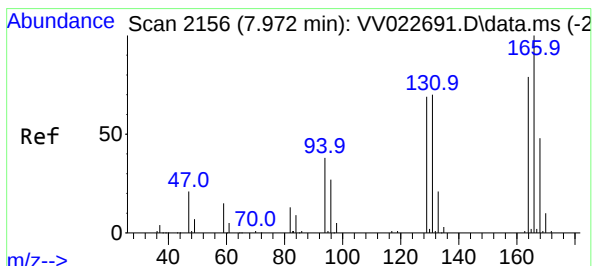
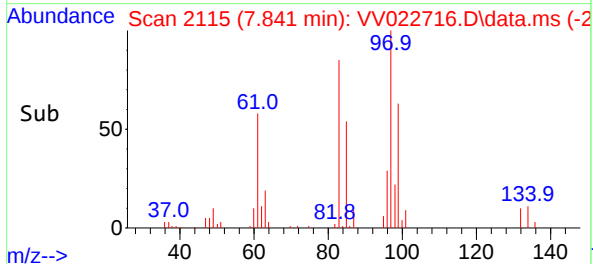
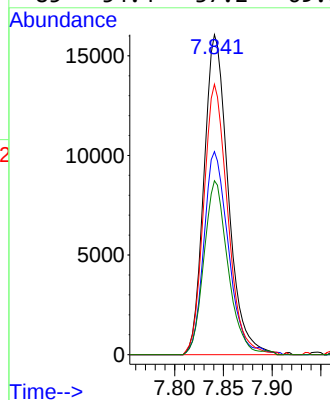
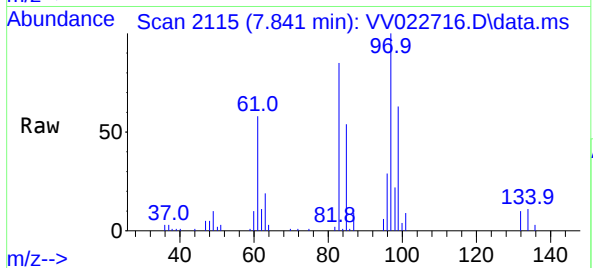


#45  
1,1,2-Trichloroethane  
Concen: 5.508 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 97 Resp: 27775

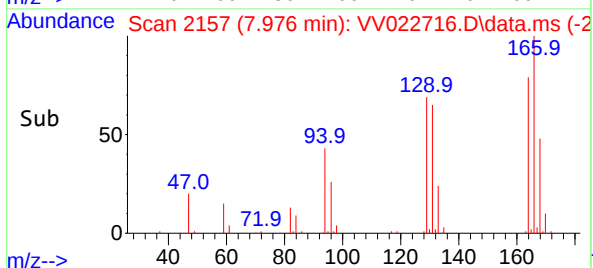
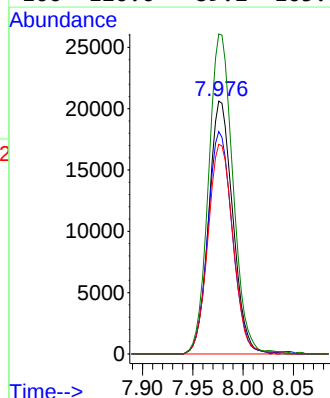
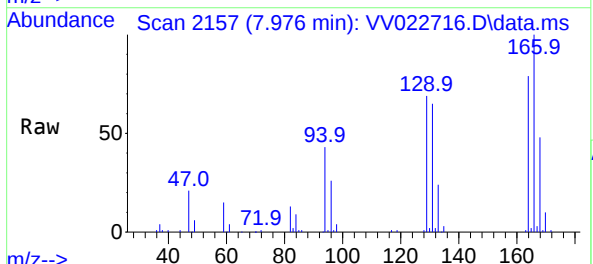
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.4  | 44.5  | 82.7  |
| 83  | 84.5  | 56.6  | 105.0 |
| 85  | 54.4  | 37.2  | 69.0  |

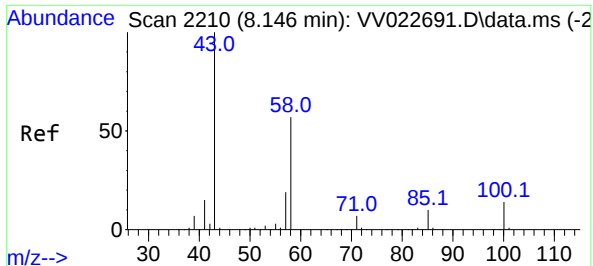


#47  
Tetrachloroethene  
Concen: 5.520 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 164 Resp: 34299

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 88.0  | 65.0  | 120.6 |
| 131 | 82.9  | 62.2  | 115.4 |
| 166 | 126.6 | 89.2  | 165.8 |

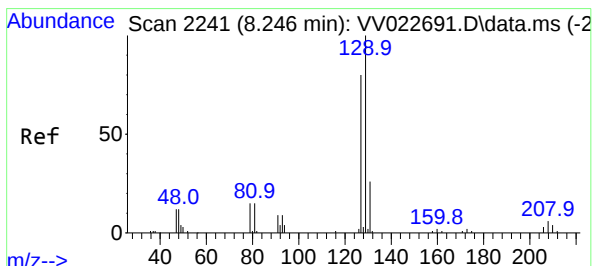
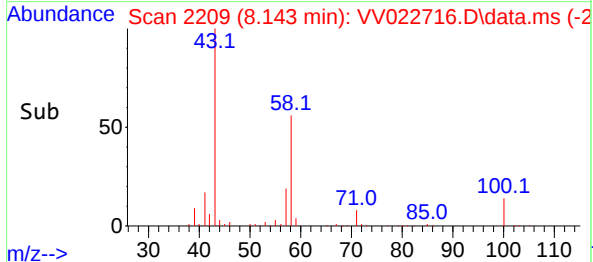
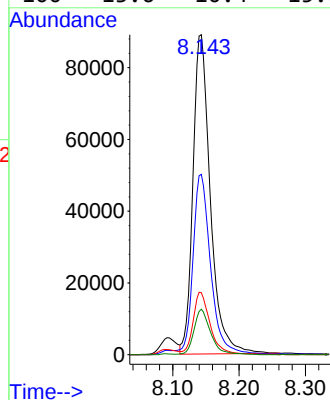
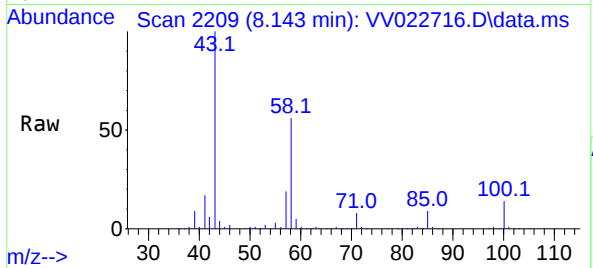




#48  
2-Hexanone  
Concen: 60.928 ug/L  
RT: 8.143 min Scan# 2209  
Delta R.T. -0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

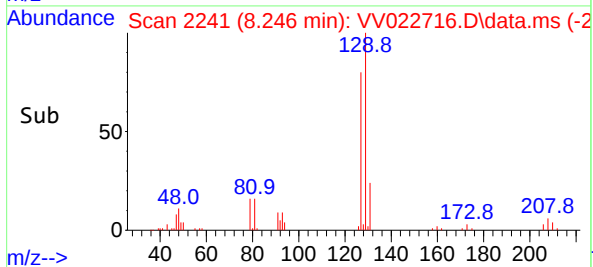
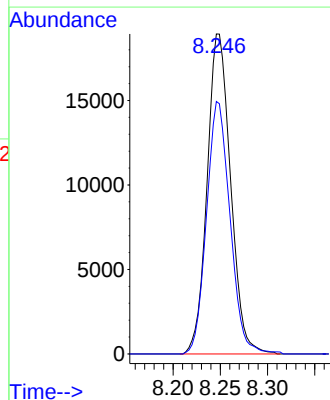
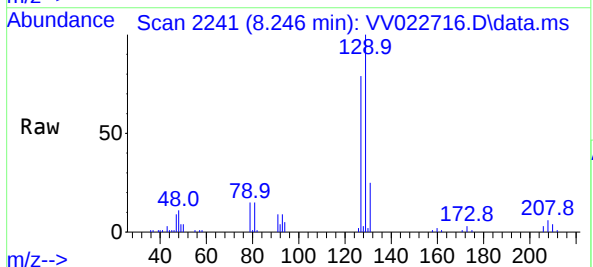
Instrument :  
MSVOA\_V  
ClientSampleId :

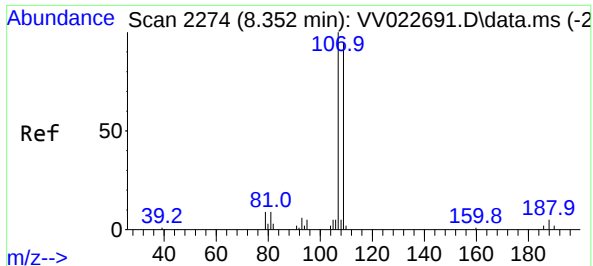
Tgt Ion: 43 Resp: 162663  
Ion Ratio Lower Upper  
43 100  
58 56.3 47.4 71.0  
57 19.0 15.3 22.9  
100 13.6 10.4 15.6



#49  
Dibromochloromethane  
Concen: 5.540 ug/L  
RT: 8.246 min Scan# 2241  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 129 Resp: 32702  
Ion Ratio Lower Upper  
129 100  
127 78.9 59.1 109.9





#50

1,2-Dibromoethane

Concen: 5.541 ug/L

RT: 8.355 min Scan# 2275

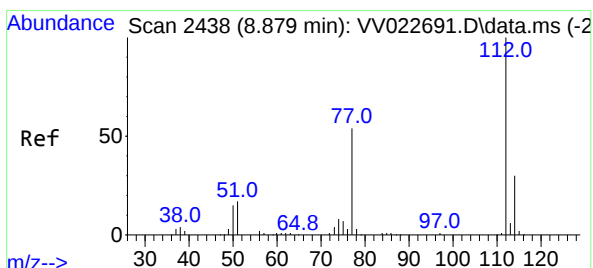
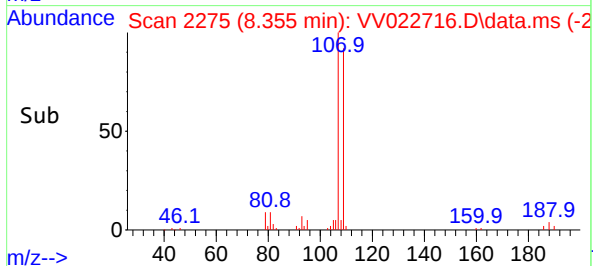
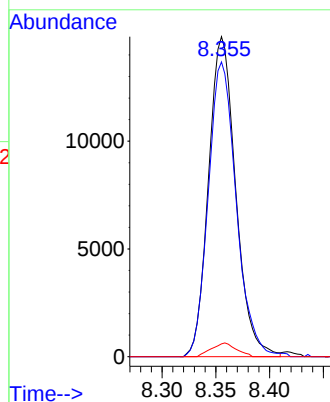
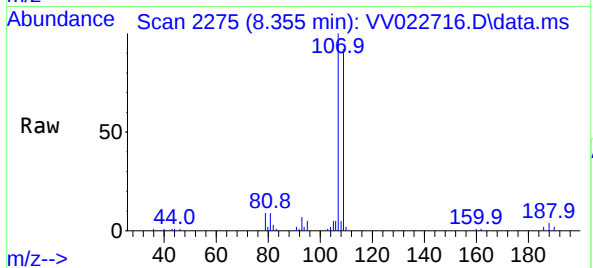
Delta R.T. 0.003 min

Lab File: VV022716.D

Acq: 08 Oct 2021 20:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 26091 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 92.1  | 67.1  | 124.5 |
| 188      | 4.0   | 3.4   | 5.0   |

Instrument :  
MSVOA\_V  
ClientSampled :



#51

Chlorobenzene

Concen: 5.582 ug/L

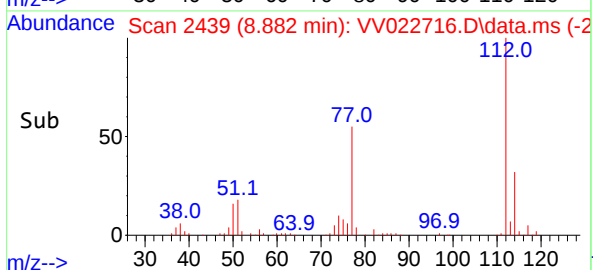
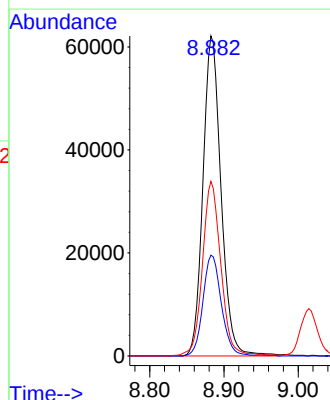
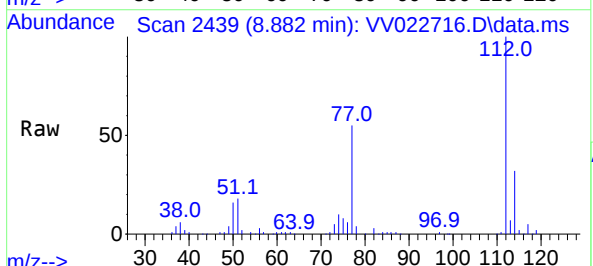
RT: 8.882 min Scan# 2439

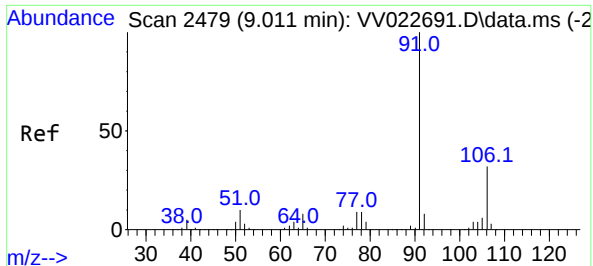
Delta R.T. 0.003 min

Lab File: VV022716.D

Acq: 08 Oct 2021 20:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 105201 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 31.5  | 21.6  | 40.2   |
| 77       | 54.5  | 43.7  | 65.5   |





#52

Ethylbenzene

Concen: 5.630 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV022716.D

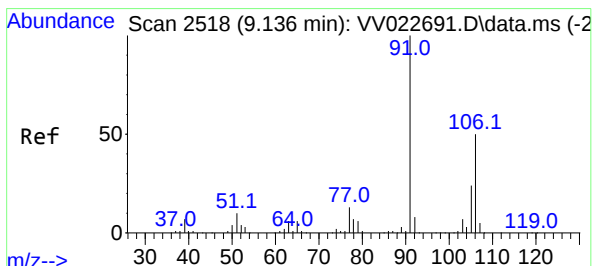
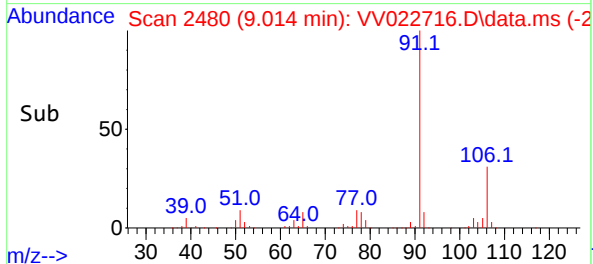
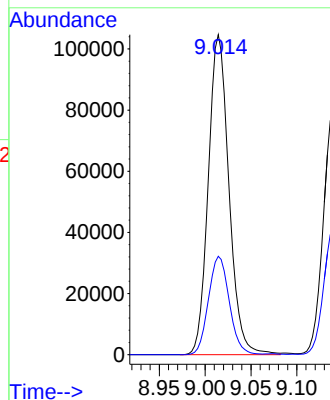
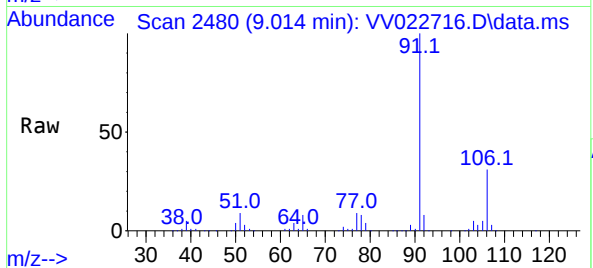
Acq: 08 Oct 2021 20:55

Tgt Ion: 91 Resp: 163949

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.2



#53

m,p-xylene

Concen: 5.985 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV022716.D

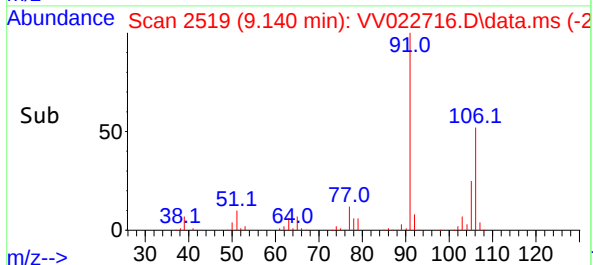
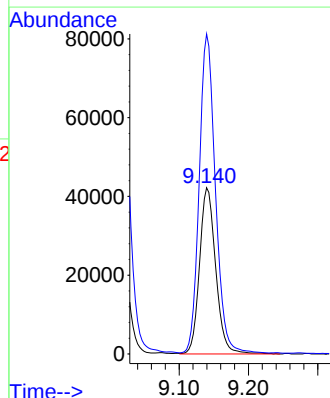
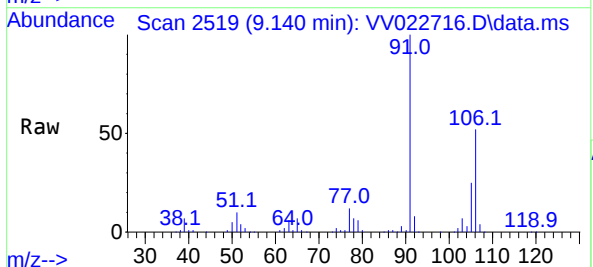
Acq: 08 Oct 2021 20:55

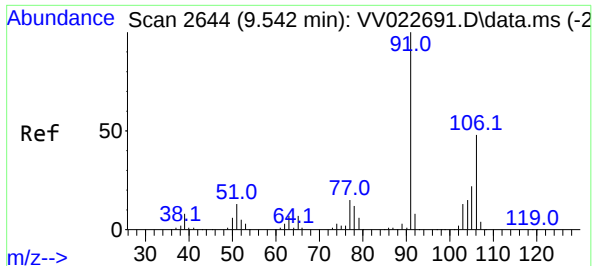
Tgt Ion: 106 Resp: 68402

Ion Ratio Lower Upper

106 100

91 192.5 138.7 257.5

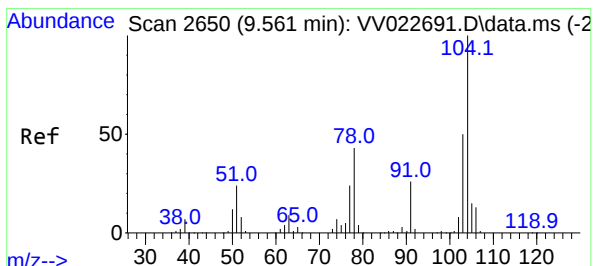
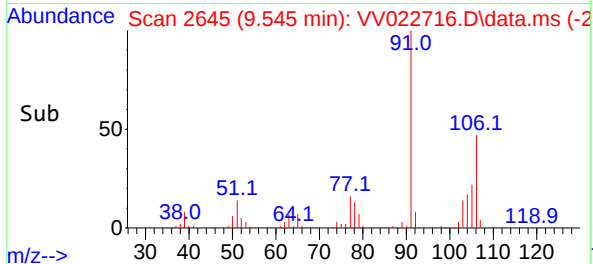
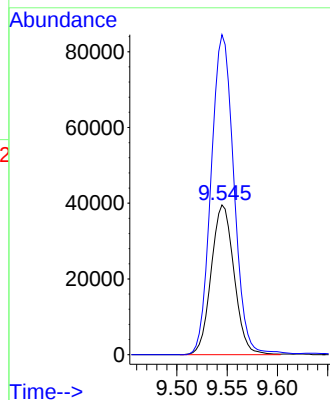
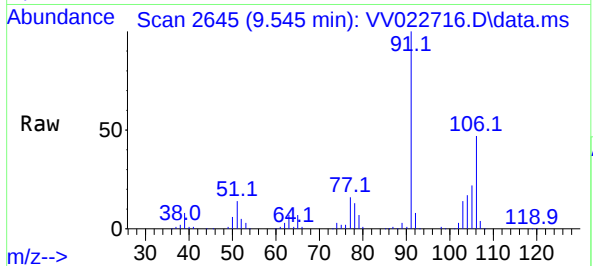




#54  
o-xylene  
Concen: 5.814 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

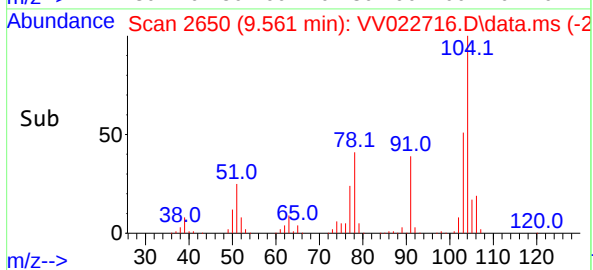
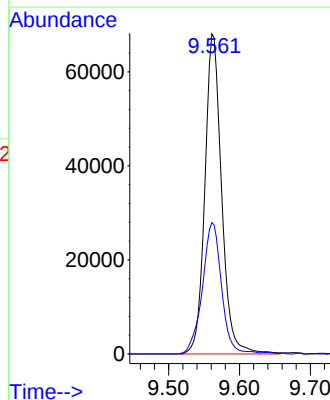
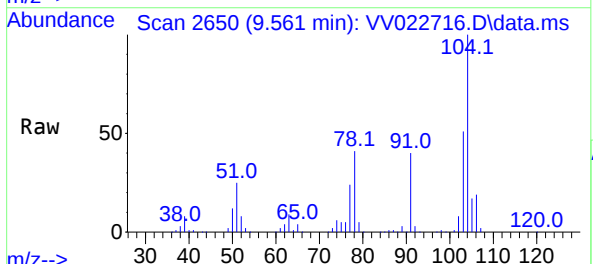
Instrument :  
MSVOA\_V  
ClientSampled :

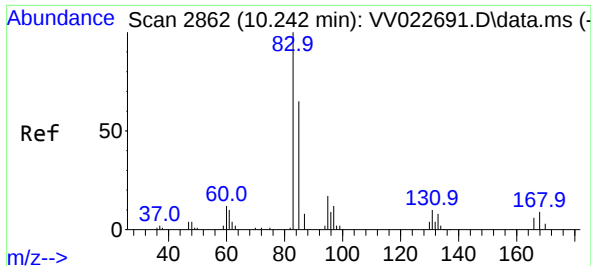
Tgt Ion:106 Resp: 62512  
Ion Ratio Lower Upper  
106 100  
91 213.6 151.1 280.7



#55  
Styrene  
Concen: 6.042 ug/L  
RT: 9.561 min Scan# 2650  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion:104 Resp: 111943  
Ion Ratio Lower Upper  
104 100  
78 41.0 29.5 54.7



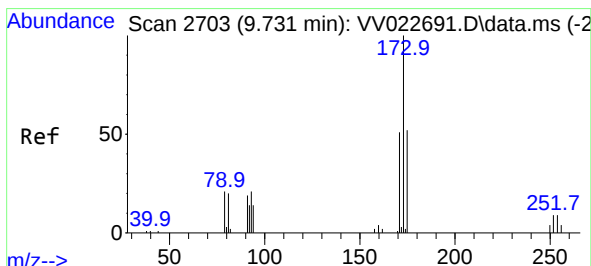
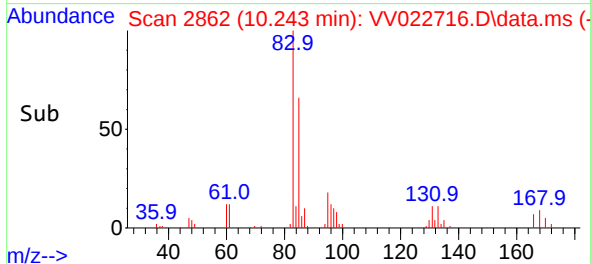
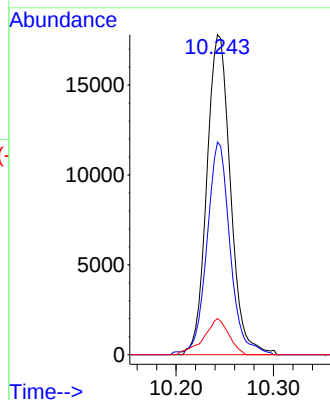
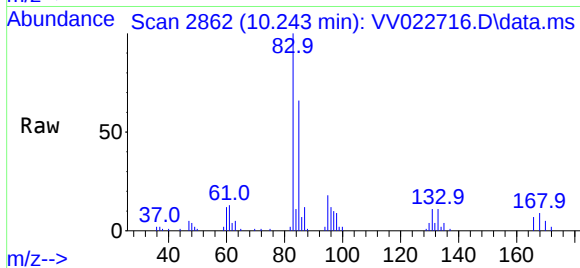


#57  
1,1,2,2-Tetrachloroethane  
Concen: 5.884 ug/L  
RT: 10.243 min Scan# 2862  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 83 Resp: 30020

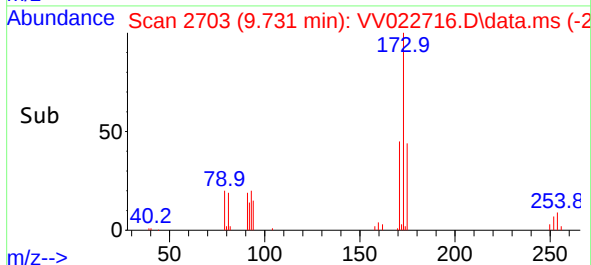
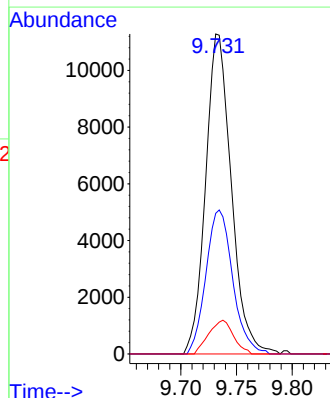
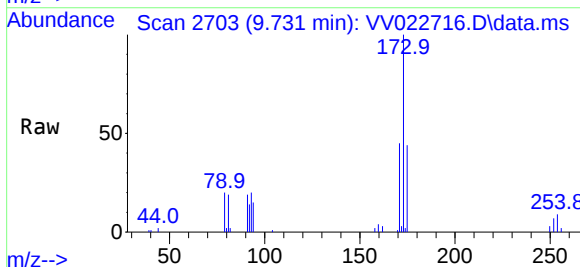
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.4  | 46.0  | 85.4  |
| 131 | 11.3  | 8.4   | 12.6  |

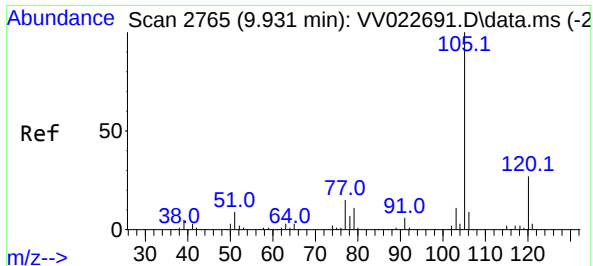


#59  
Bromoform  
Concen: 5.301 ug/L  
RT: 9.731 min Scan# 2703  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 173 Resp: 18088

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 46.9  | 38.3  | 57.5  |
| 254 | 10.1  | 7.1   | 10.7  |

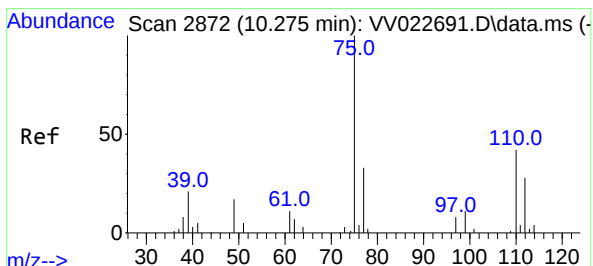
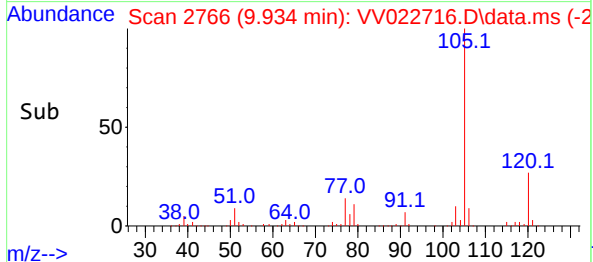
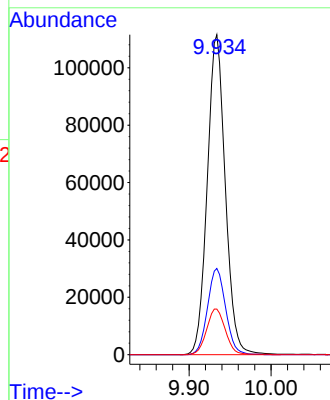
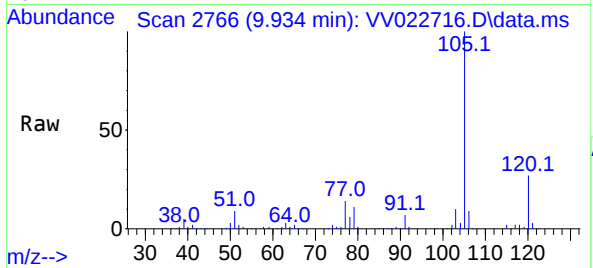




#60  
Isopropylbenzene  
Concen: 5.503 ug/L  
RT: 9.934 min Scan# 2766  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

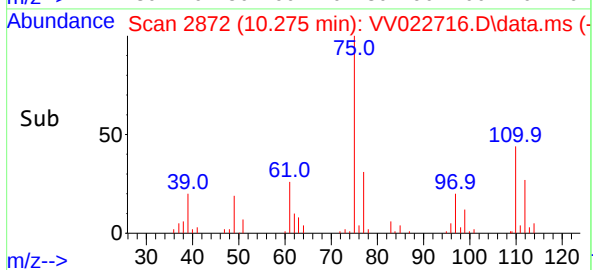
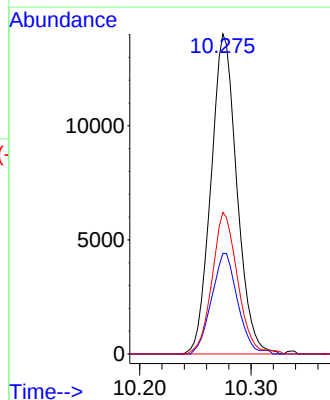
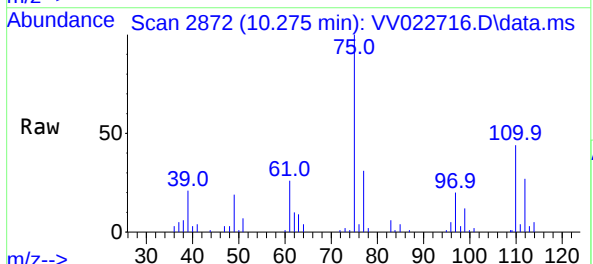
Instrument :  
MSVOA\_V  
ClientSampled :

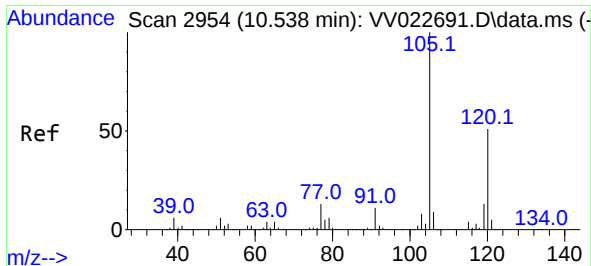
Tgt Ion:105 Resp: 170251  
Ion Ratio Lower Upper  
105 100  
120 27.1 21.8 32.8  
77 14.8 12.5 18.7



#61  
1,2,3-Trichloropropane  
Concen: 5.352 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion: 75 Resp: 22651  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.4 38.2  
110 43.7 34.2 51.4

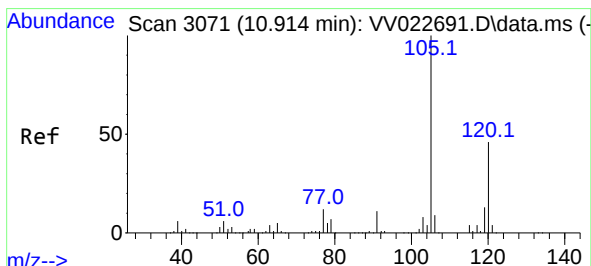
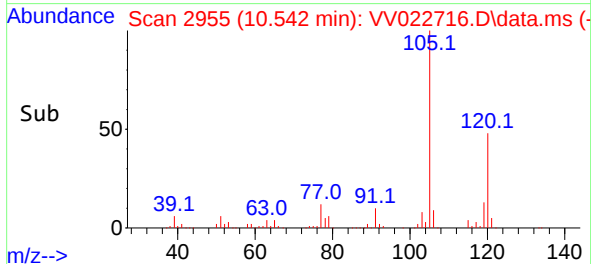
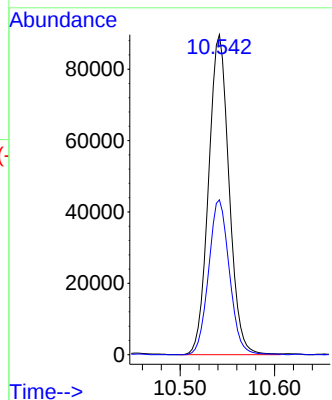
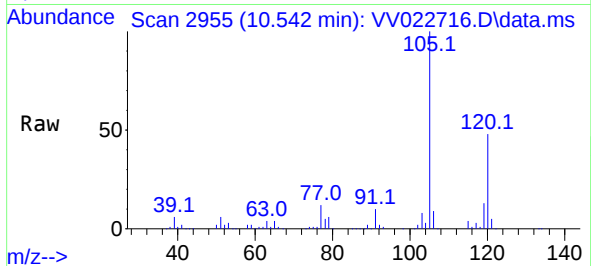




#62  
1,3,5-Trimethylbenzene  
Concen: 5.395 ug/L  
RT: 10.542 min Scan# 2955  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

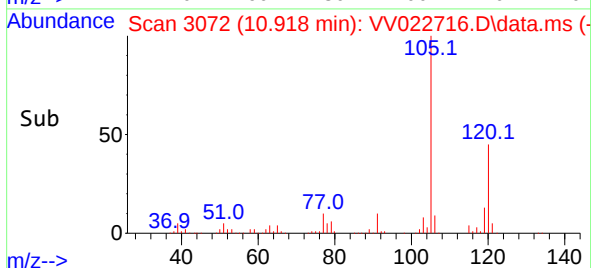
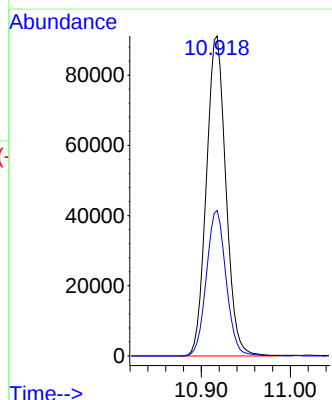
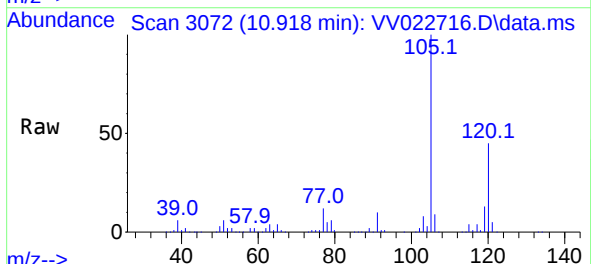
Instrument :  
MSVOA\_V  
ClientSampled :

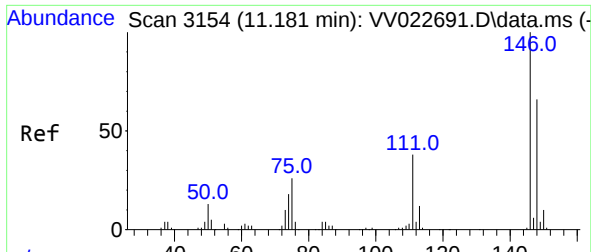
Tgt Ion:105 Resp: 134864  
Ion Ratio Lower Upper  
105 100  
120 49.1 39.4 59.2



#63  
1,2,4-Trimethylbenzene  
Concen: 5.529 ug/L  
RT: 10.918 min Scan# 3072  
Delta R.T. 0.003 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion:105 Resp: 138330  
Ion Ratio Lower Upper  
105 100  
120 46.0 37.3 55.9

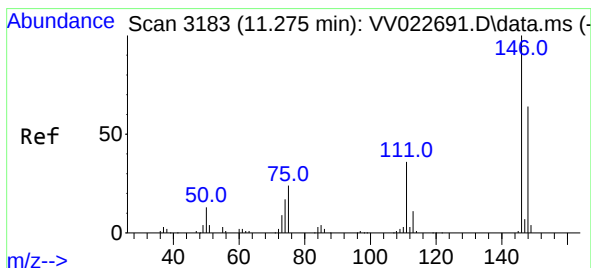
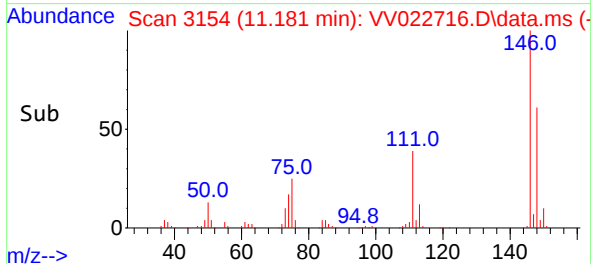
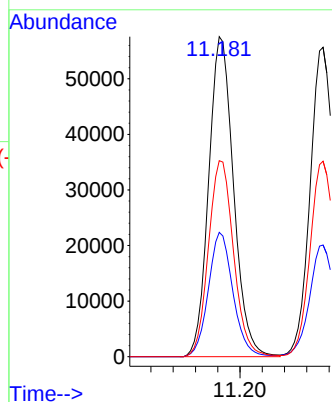
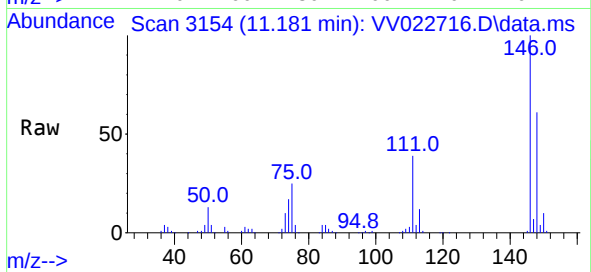




#64  
1,3-Dichlorobenzene  
Concen: 5.501 ug/L  
RT: 11.181 min Scan# 3154  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

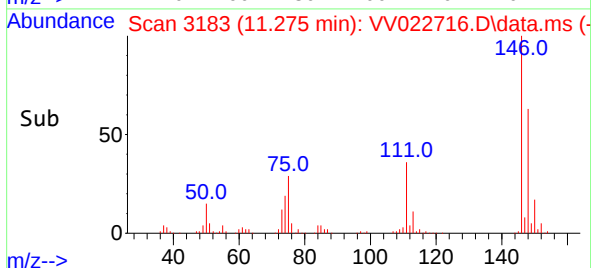
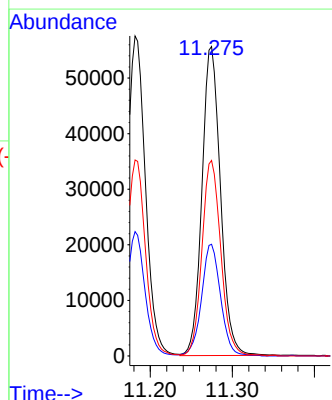
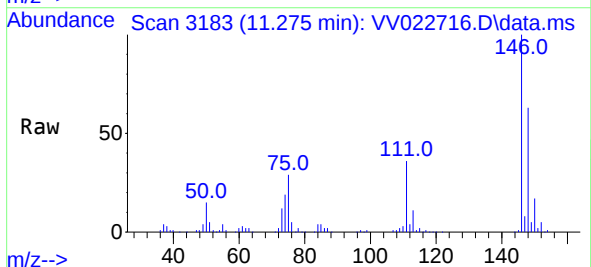
Instrument :  
MSVOA\_V  
ClientSampled :

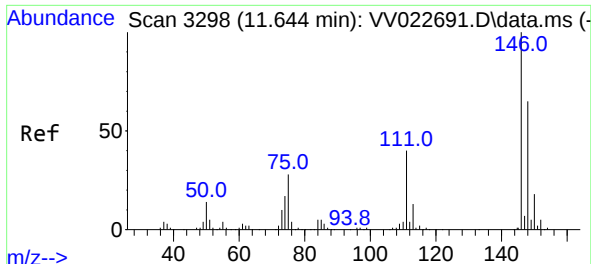
Tgt Ion:146 Resp: 89328  
Ion Ratio Lower Upper  
146 100  
111 38.9 26.7 49.5  
148 61.2 45.1 83.9



#65  
1,4-Dichlorobenzene  
Concen: 5.301 ug/L  
RT: 11.275 min Scan# 3183  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

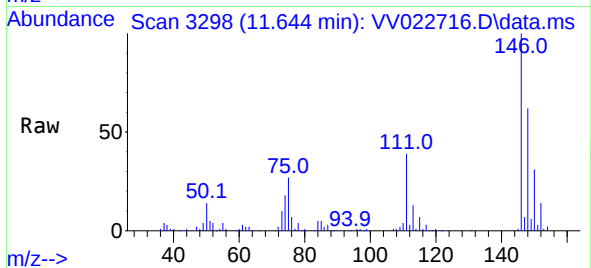
Tgt Ion:146 Resp: 87403  
Ion Ratio Lower Upper  
146 100  
111 36.1 25.6 47.4  
148 63.2 44.9 83.5



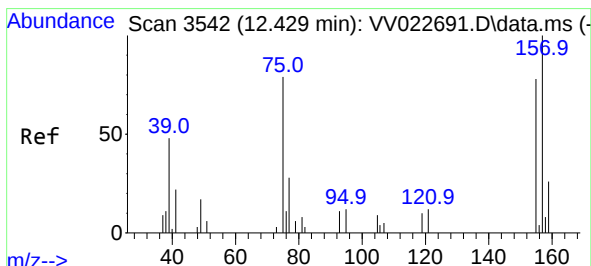
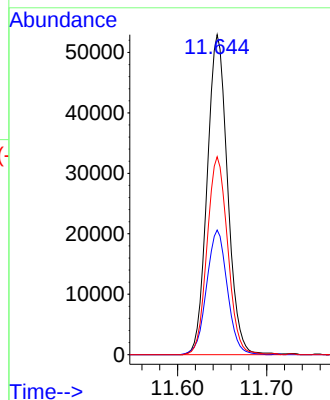
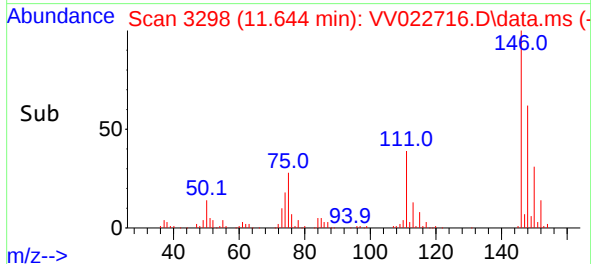


#67  
1,2-Dichlorobenzene  
Concen: 5.517 ug/L  
RT: 11.644 min Scan# 3298  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

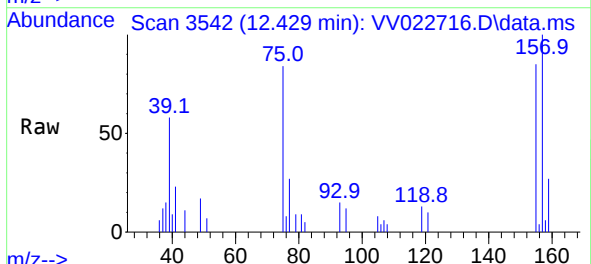
Instrument :  
MSVOA\_V  
ClientSampled :



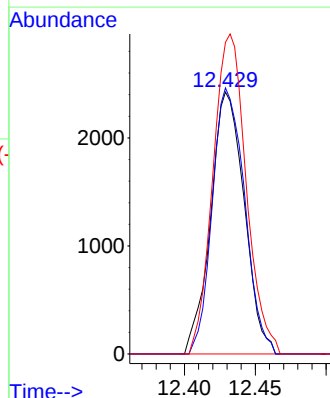
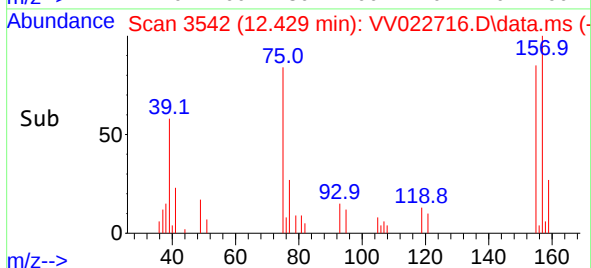
Tgt Ion:146 Resp: 84043  
Ion Ratio Lower Upper  
146 100  
111 38.9 32.3 48.5  
148 61.8 52.1 78.1

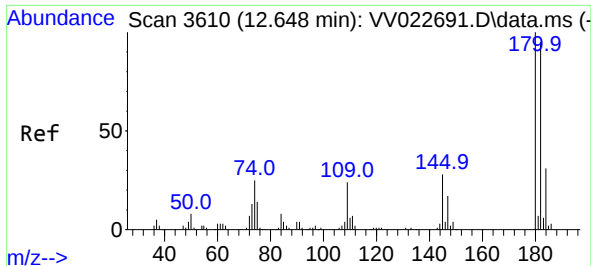


#68  
1,2-Dibromo-3-chloropropane  
Concen: 5.193 ug/L  
RT: 12.429 min Scan# 3542  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55



Tgt Ion: 75 Resp: 4000  
Ion Ratio Lower Upper  
75 100  
155 101.6 82.4 123.6  
157 119.0 114.1 171.1

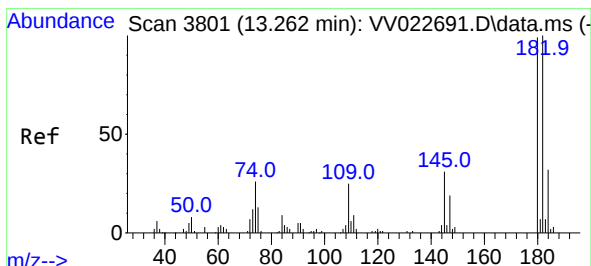
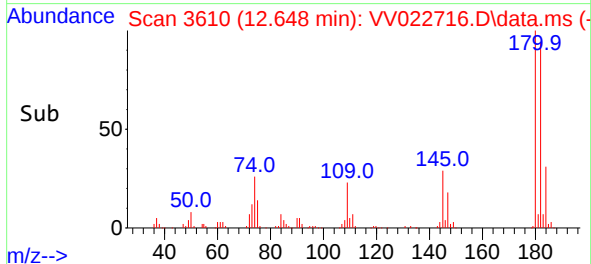
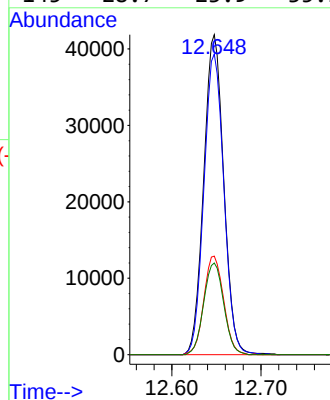
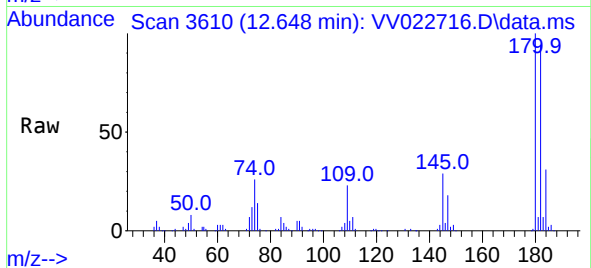




#69  
1,3,5-Trichlorobenzene  
Concen: 5.330 ug/L  
RT: 12.648 min Scan# 3610  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

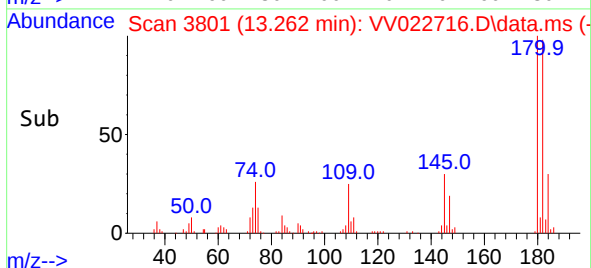
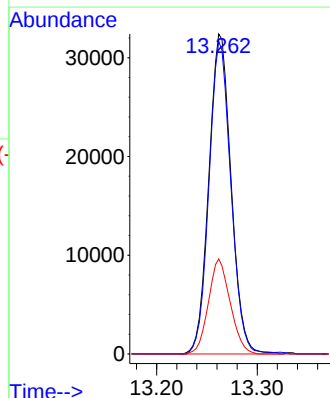
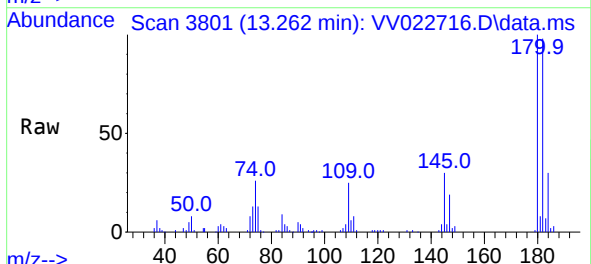
Instrument :  
MSVOA\_V  
ClientSampleId :

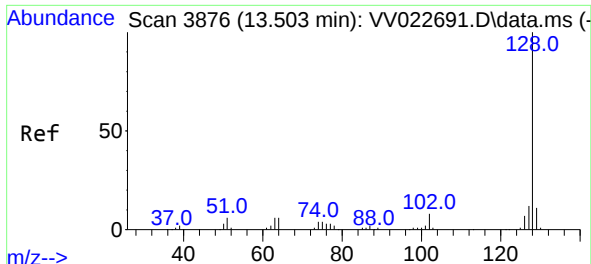
Tgt Ion:180 Resp: 65198  
Ion Ratio Lower Upper  
180 100  
182 93.7 77.0 115.6  
184 30.4 24.5 36.7  
145 28.7 23.9 35.9



#70  
1,2,4-trichlorobenzene  
Concen: 5.327 ug/L  
RT: 13.262 min Scan# 3801  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion:180 Resp: 49779  
Ion Ratio Lower Upper  
180 100  
182 95.8 76.0 114.0  
145 29.0 24.1 36.1

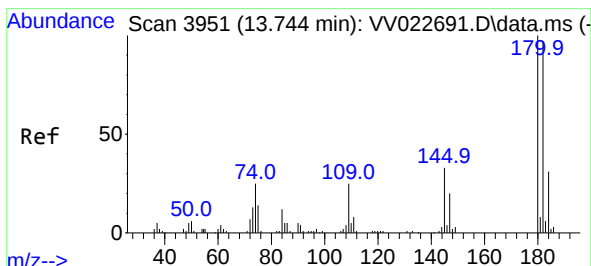
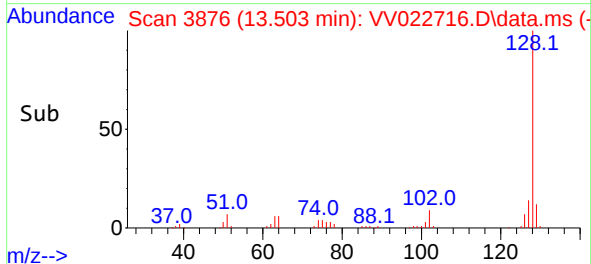
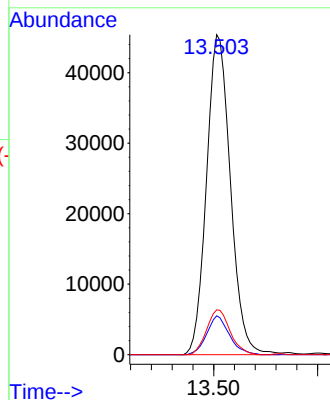
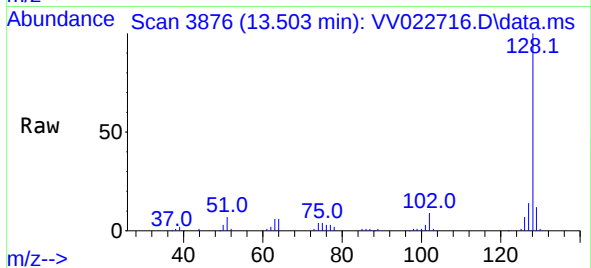




#71  
Naphthalene  
Concen: 4.881 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion:128 Resp: 72501  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.3 13.9  
127 13.7 10.8 16.2



#72  
1,2,3-Trichlorobenzene  
Concen: 5.463 ug/L  
RT: 13.744 min Scan# 3951  
Delta R.T. 0.000 min  
Lab File: VV022716.D  
Acq: 08 Oct 2021 20:55

Tgt Ion:180 Resp: 48136  
Ion Ratio Lower Upper  
180 100  
182 94.1 75.5 113.3  
145 30.9 24.7 37.1

