

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102221\  
 Data File : VX024879.D  
 Acq On : 22 Oct 2021 18:11  
 Operator : JC/MD  
 Sample : M4291-10  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 23 03:56:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 23 03:44:55 2021  
 Response via : Initial Calibration

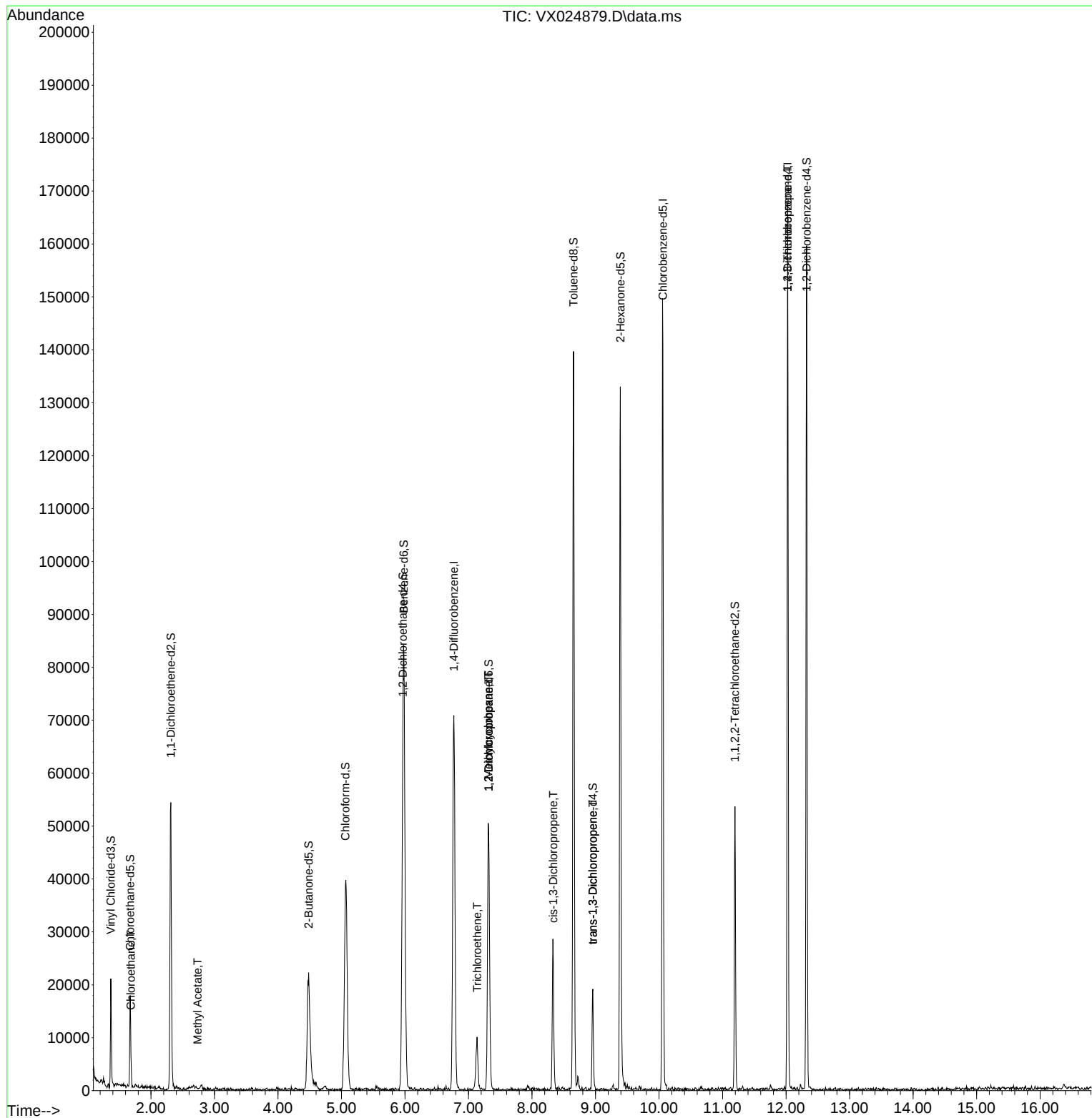
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.769  | 114            | 70951    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 10.061 | 117            | 65646    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152            | 31217    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65             | 12324    | 5.917  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 118.400% |          |
| 7) Chloroethane-d5            | 1.672  | 69             | 10489    | 5.589  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 111.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.313  | 63             | 30961    | 3.987  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 79.800%  |          |
| 20) 2-Butanone-d5             | 4.483  | 46             | 40210    | 52.800 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 105.600% |          |
| 24) Chloroform-d              | 5.062  | 84             | 53744    | 5.360  | ug/L     | -0.01    |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 107.200% |          |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65             | 28884    | 5.270  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 105.400% |          |
| 32) Benzene-d6                | 5.983  | 84             | 87376    | 5.712  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 114.200% |          |
| 36) 1,2-Dichloropropane-d6    | 7.318  | 67             | 25055    | 5.134  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.600% |          |
| 41) Toluene-d8                | 8.653  | 98             | 84213    | 5.491  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 109.800% |          |
| 43) trans-1,3-Dichloroprop... | 8.958  | 79             | 10352    | 4.622  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 92.400%  |          |
| 46) 2-Hexanone-d5             | 9.391  | 63             | 42645    | 52.902 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 105.800% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84             | 19574    | 5.248  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 105.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152            | 30008    | 5.704  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 114.000% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 8) Chloroethane               | 1.685  | 64             | 225      | 0.108  | ug/L     | 91       |
| 15) Methyl Acetate            | 2.733  | 43             | 589      | 0.454  | ug/L #   | 63       |
| 34) Trichloroethene           | 7.135  | 95             | 3791     | 0.607  | ug/L     | 94       |
| 35) Methylcyclohexane         | 7.312  | 83             | 7190     | 0.823  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 7.318  | 63             | 3375     | 0.720  | ug/L #   | 95       |
| 39) cis-1,3-Dichloropropene   | 8.336  | 75             | 981      | 0.124  | ug/L #   | 66       |
| 44) trans-1,3-Dichloropropene | 8.958  | 75             | 602      | 0.084  | ug/L     | 94       |
| 61) 1,2,3-Trichloropropane    | 12.024 | 75             | 3864     | 1.268  | ug/L #   | 61       |
| -----                         |        |                |          |        |          |          |

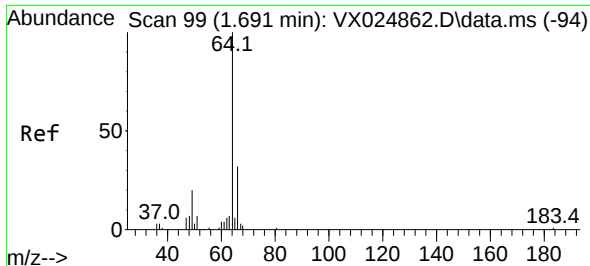
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :

Quant Time: Oct 23 03:56:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Oct 23 03:44:55 2021  
Response via : Initial Calibration

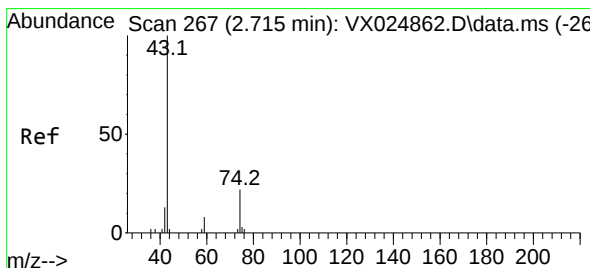
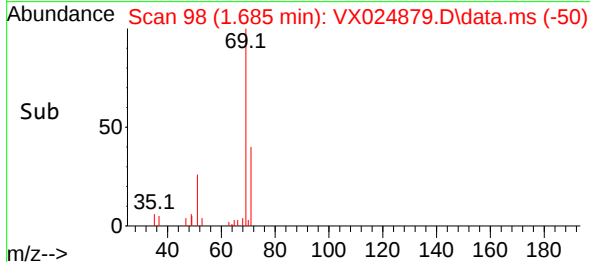
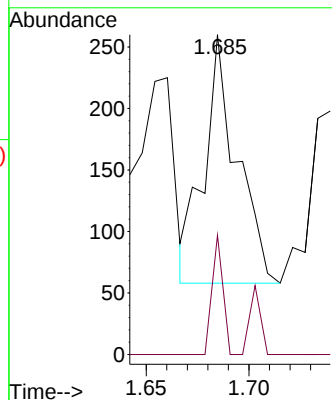
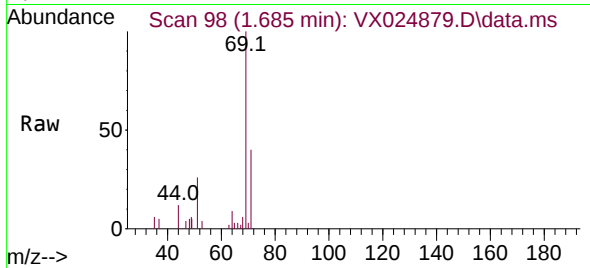




#8  
Chloroethane  
Concen: 0.108 ug/L  
RT: 1.685 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: VX024879.D  
Acq: 22 Oct 2021 18:11

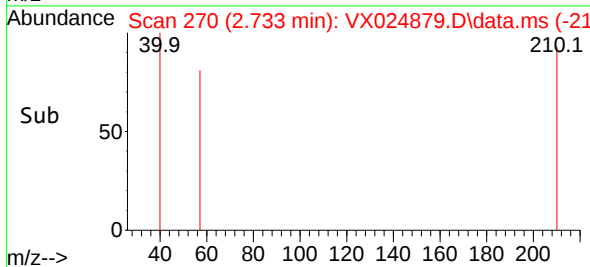
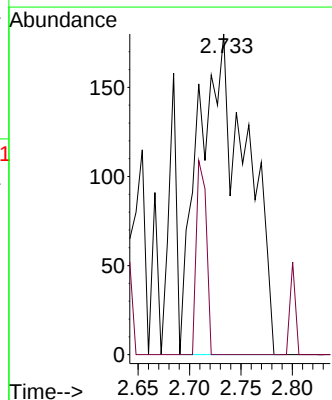
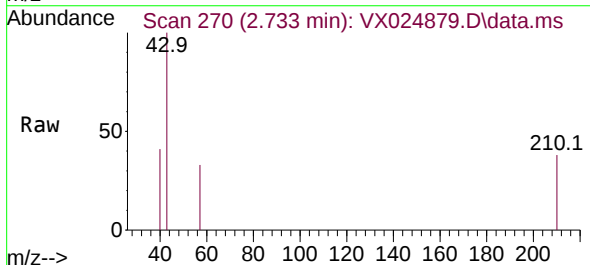
Instrument :  
MSVOA\_X  
ClientSampleId :

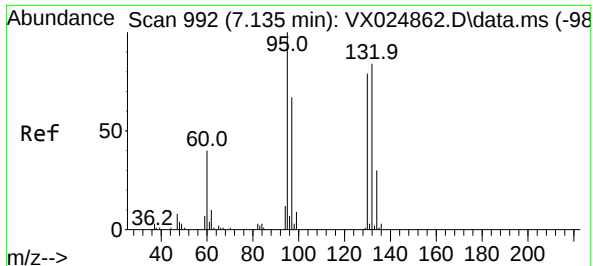
Tgt Ion: 64 Resp: 225  
Ion Ratio Lower Upper  
64 100  
66 27.3 22.6 42.0



#15  
Methyl Acetate  
Concen: 0.454 ug/L  
RT: 2.733 min Scan# 270  
Delta R.T. 0.018 min  
Lab File: VX024879.D  
Acq: 22 Oct 2021 18:11

Tgt Ion: 43 Resp: 589  
Ion Ratio Lower Upper  
43 100  
74 12.6 26.8 40.2#

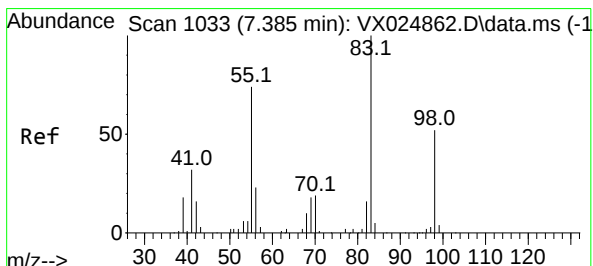
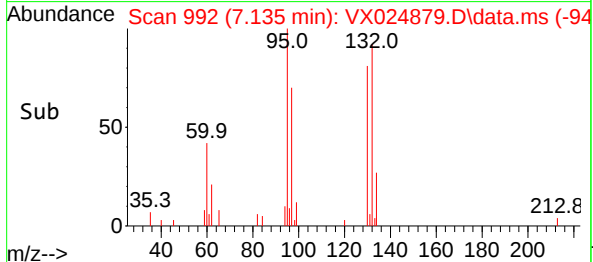
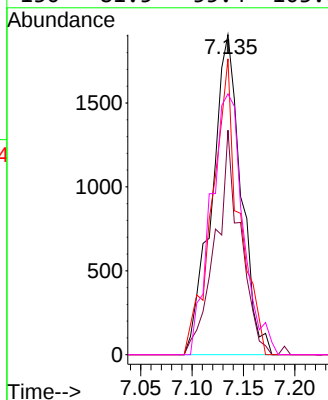
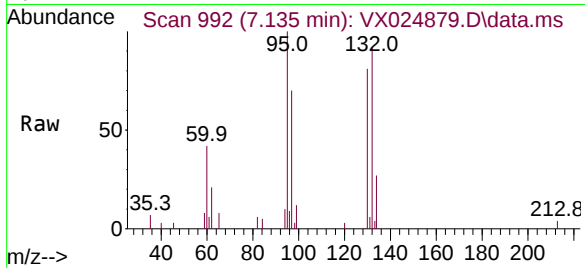




#34  
Trichloroethene  
Concen: 0.607 ug/L  
RT: 7.135 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VX024879.D  
Acq: 22 Oct 2021 18:11

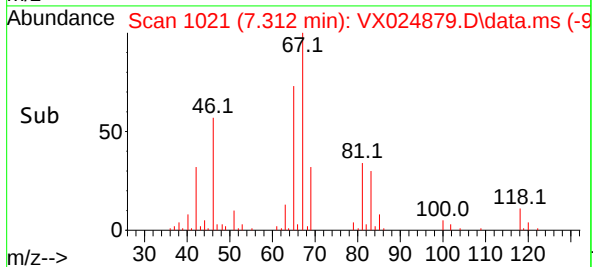
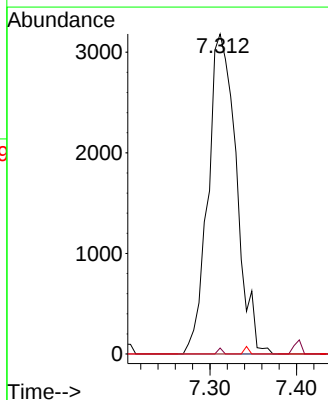
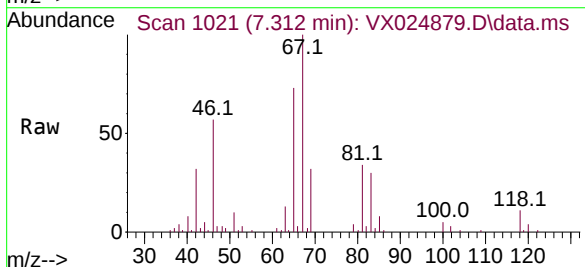
Instrument :  
MSVOA\_X  
ClientSampleId :

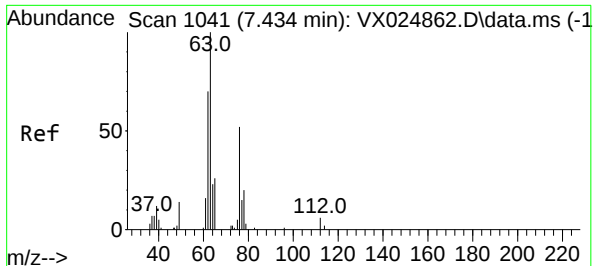
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 3791  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 70.2  | 46.6  | 86.6  |
| 132      | 92.4  | 58.4  | 108.6 |
| 130      | 81.5  | 55.4  | 103.0 |



#35  
Methylcyclohexane  
Concen: 0.823 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.073 min  
Lab File: VX024879.D  
Acq: 22 Oct 2021 18:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 7190  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.3   | 55.7  | 83.5# |
| 98       | 0.4   | 38.3  | 57.5# |



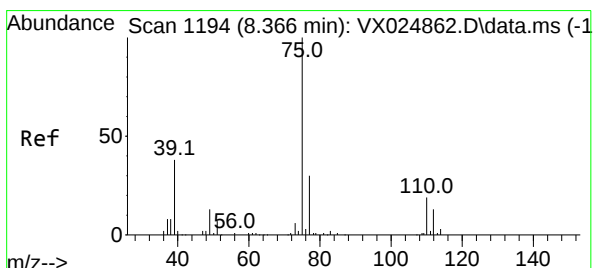
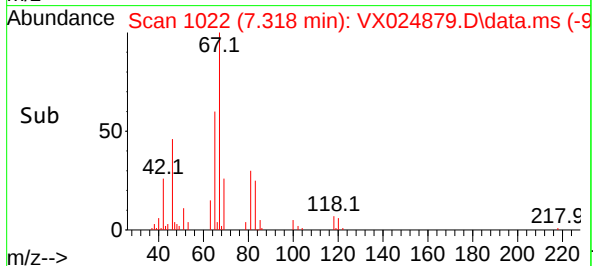
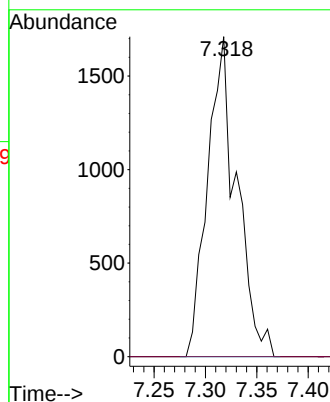
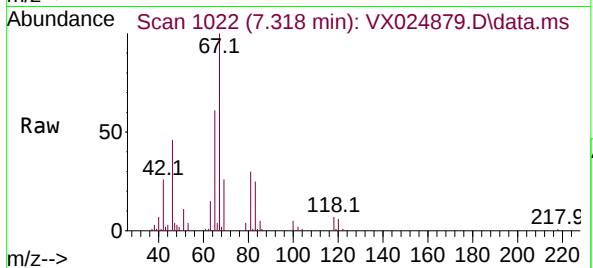


#37

1,2-Dichloropropane  
Concen: 0.720 ug/L  
RT: 7.318 min Scan# 1022  
Delta R.T. -0.116 min  
Lab File: VX024879.D  
Acq: 22 Oct 2021 18:11

Instrument :  
MSVOA\_X  
ClientSampled :

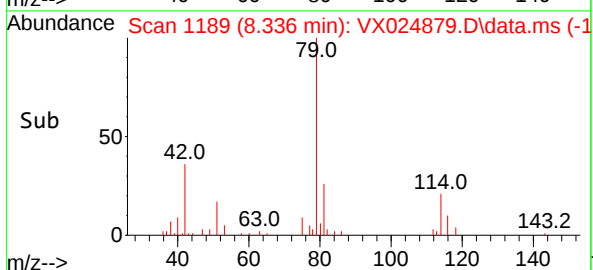
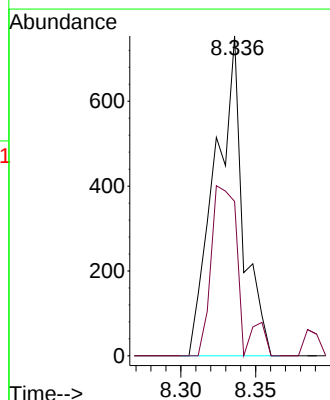
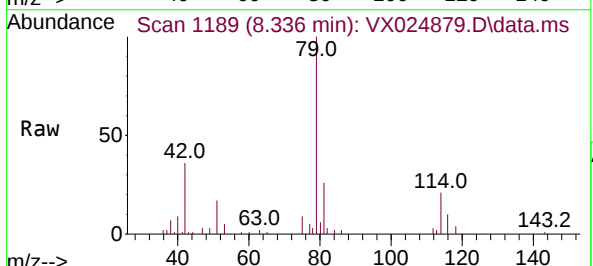
Tgt Ion: 63 Resp: 3375  
Ion Ratio Lower Upper  
63 100  
112 2.7 3.5 5.3#

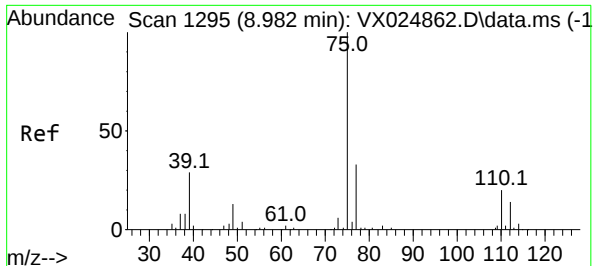


#39

cis-1,3-Dichloropropene  
Concen: 0.124 ug/L  
RT: 8.336 min Scan# 1189  
Delta R.T. -0.030 min  
Lab File: VX024879.D  
Acq: 22 Oct 2021 18:11

Tgt Ion: 75 Resp: 981  
Ion Ratio Lower Upper  
75 100  
77 48.3 20.9 38.9#

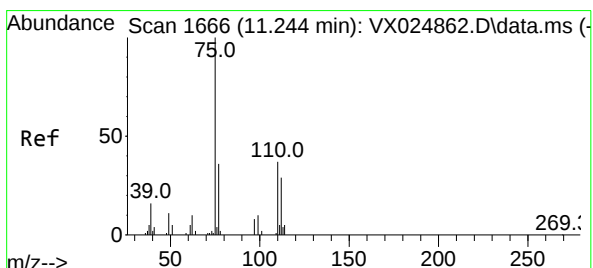
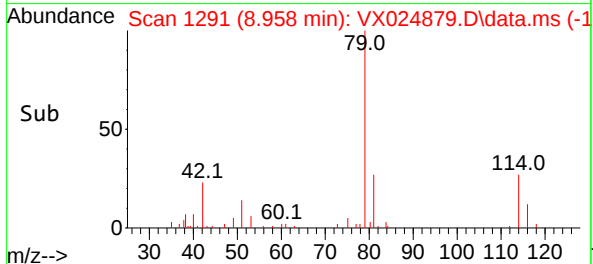
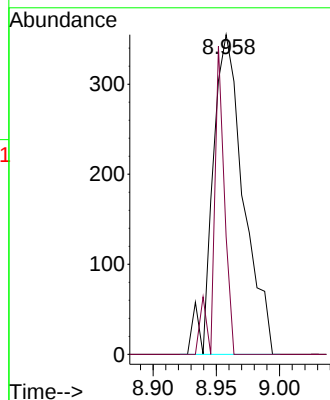
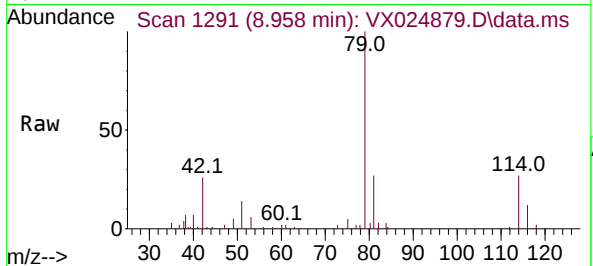




#44  
trans-1,3-Dichloropropene  
Concen: 0.084 ug/L  
RT: 8.958 min Scan# 1291  
Delta R.T. -0.024 min  
Lab File: VX024879.D  
Acq: 22 Oct 2021 18:11

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion: 75 Resp: 602  
Ion Ratio Lower Upper  
75 100  
77 36.9 23.4 43.4



#61  
1,2,3-Trichloropropane  
Concen: 1.268 ug/L  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.780 min  
Lab File: VX024879.D  
Acq: 22 Oct 2021 18:11

Tgt Ion: 75 Resp: 3864  
Ion Ratio Lower Upper  
75 100  
77 43.1 28.1 42.1#  
110 5.1 34.7 52.1#

