

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120922\  
 Data File : VU052298.D  
 Acq On : 09 Dec 2022 13:50  
 Operator : JC/MD  
 Sample : N5922-03 10X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B20

Quant Time: Dec 09 23:11:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 08 04:19:43 2022  
 Response via : Initial Calibration

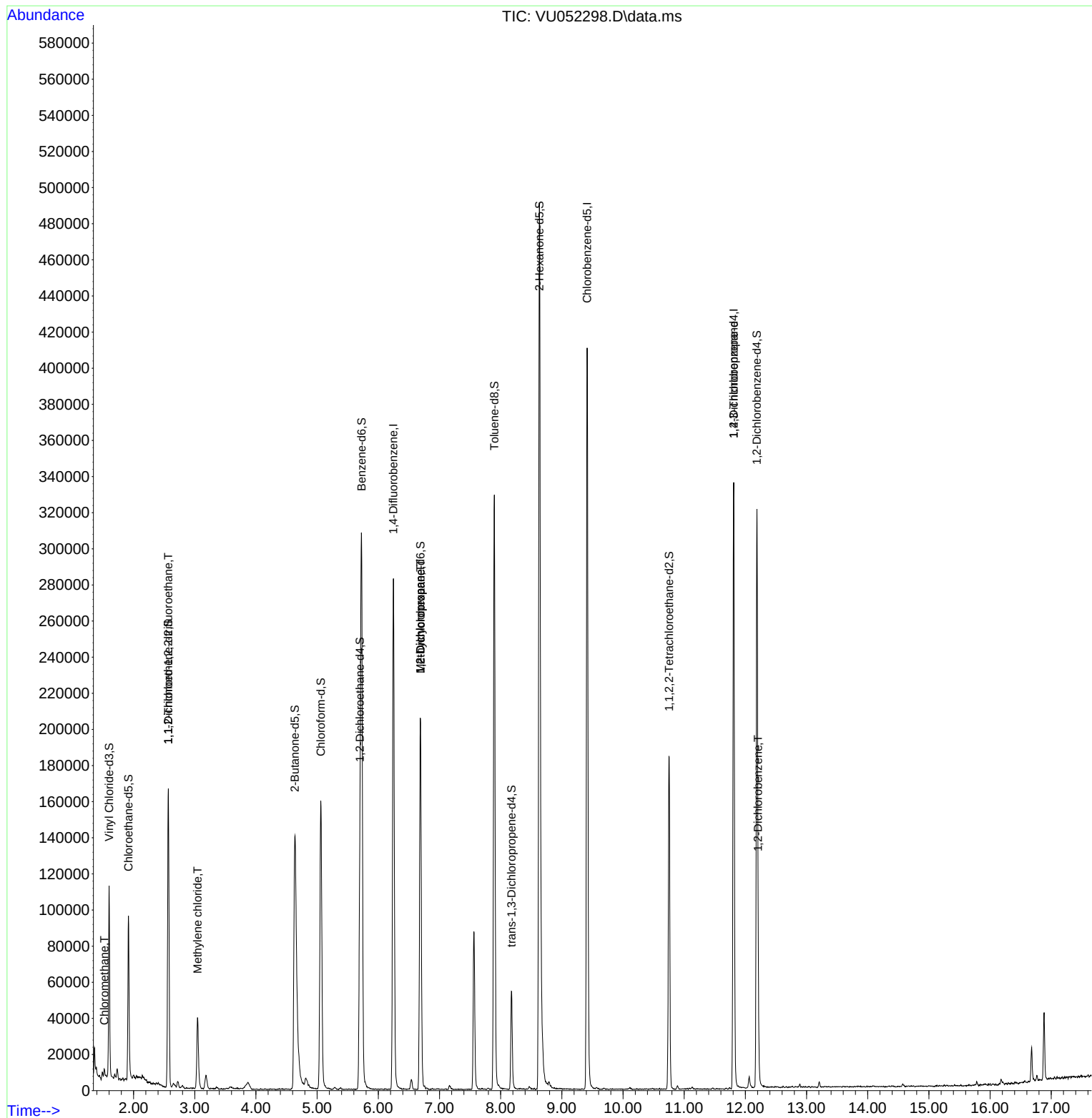
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 237213   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 238410   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 91938    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 74125    | 3.212    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 64.200%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 70967    | 3.960    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 79.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 31027    | 3.751    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 75.000%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 247486   | 59.173   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 118.340% |
| 24) Chloroform-d              | 5.060  | 84    | 155178   | 4.577    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 81908    | 4.783    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.600%  |
| 32) Benzene-d6                | 5.726  | 84    | 307944   | 4.351    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 105812   | 4.831    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.600%  |
| 41) Toluene-d8                | 7.896  | 98    | 234831   | 3.667    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.400%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 31469    | 3.942    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.800%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 171641   | 50.740   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.480% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 95904    | 5.050    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 101.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 85070    | 4.833    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.523  | 50    | 3498     | 0.130    | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568  | 101   | 1055     | 0.061    | ug/L # | 20       |
| 16) Methylene chloride        | 3.044  | 84    | 20472    | 0.879    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.687  | 83    | 23713    | 0.852    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 10744    | 0.535    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 11784    | 1.120    | ug/L # | 66       |
| 67) 1,2-Dichlorobenzene       | 12.208 | 146   | 16449    | 0.579    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

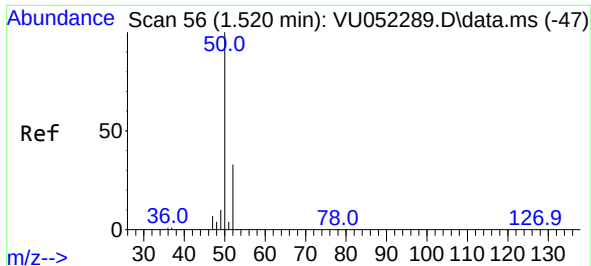
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120922\  
Data File : VU052298.D  
Acq On : 09 Dec 2022 13:50  
Operator : JC/MD  
Sample : N5922-03 10X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B20

Quant Time: Dec 09 23:11:45 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 08 04:19:43 2022  
Response via : Initial Calibration

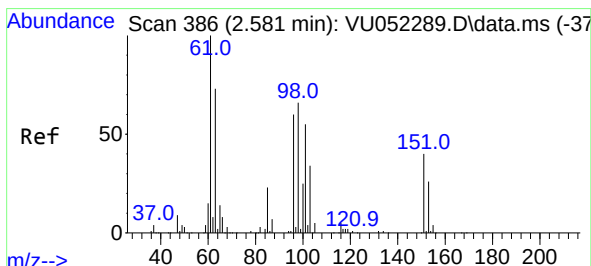
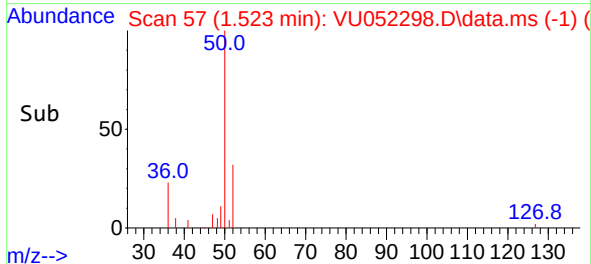
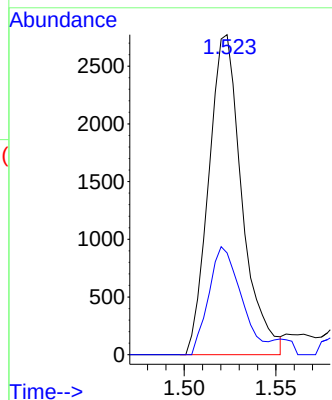
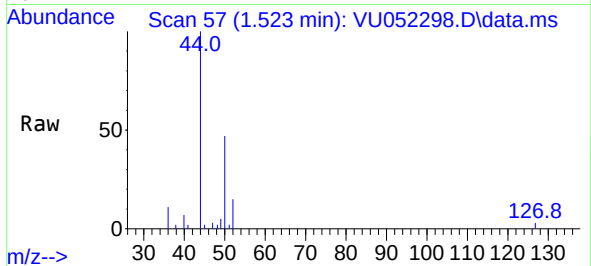




#3  
Chloromethane  
Concen: 0.130 ug/L  
RT: 1.523 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU052298.D  
Acq: 09 Dec 2022 13:50

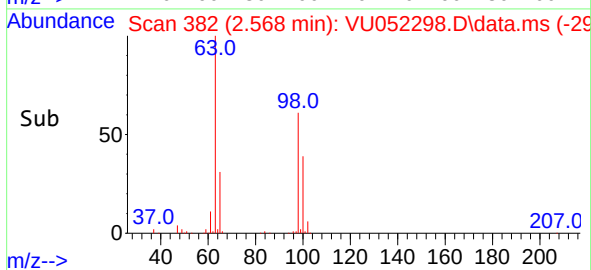
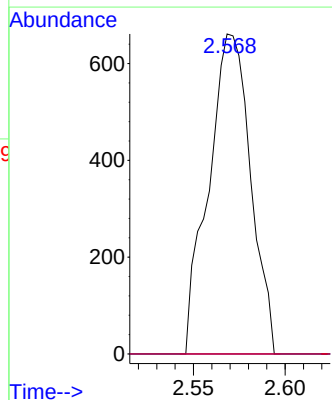
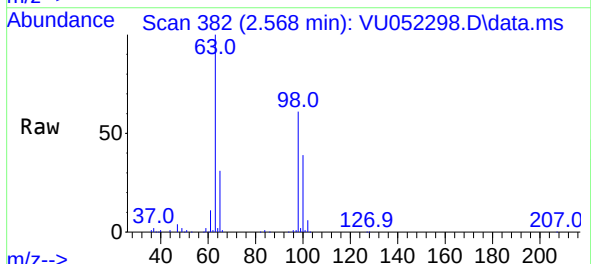
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B20

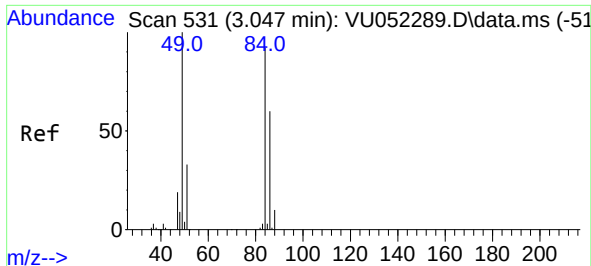
Tgt Ion: 50 Resp: 3498  
Ion Ratio Lower Upper  
50 100  
52 31.8 23.4 43.4



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.061 ug/L  
RT: 2.568 min Scan# 382  
Delta R.T. -0.013 min  
Lab File: VU052298.D  
Acq: 09 Dec 2022 13:50

Tgt Ion: 101 Resp: 1055  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 0.0 58.6 88.0#

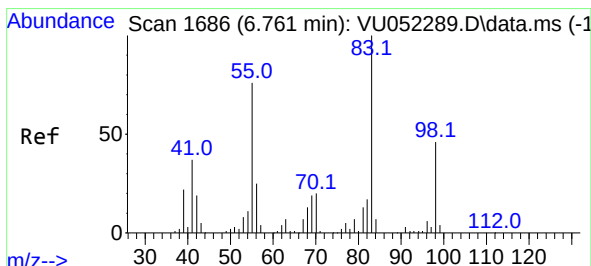
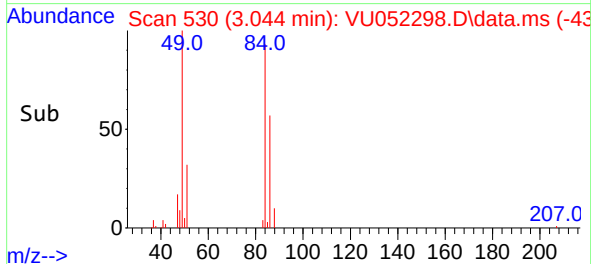
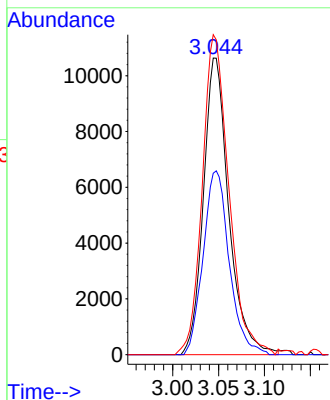
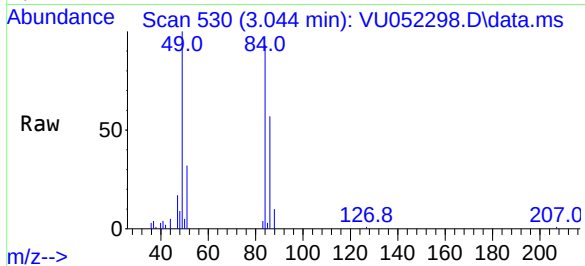




#16  
Methylene chloride  
Concen: 0.879 ug/L  
RT: 3.044 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU052298.D  
Acq: 09 Dec 2022 13:50

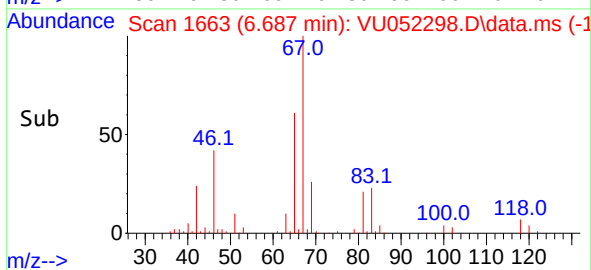
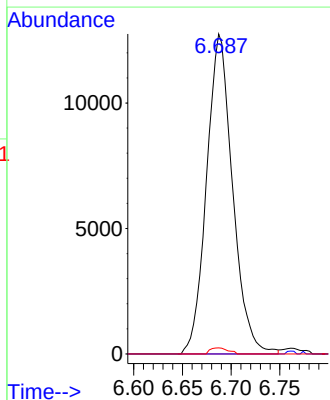
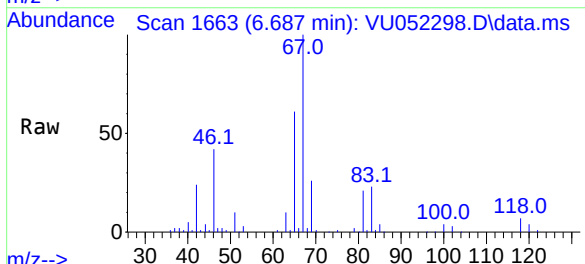
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B20

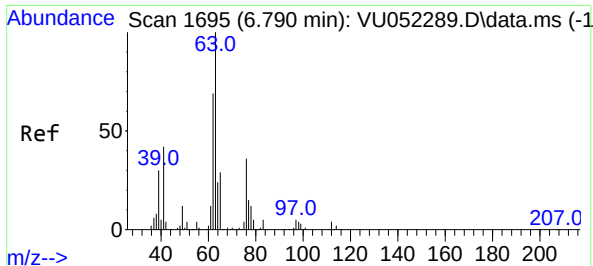
Tgt Ion: 84 Resp: 20472  
Ion Ratio Lower Upper  
84 100  
86 61.2 43.8 81.4  
49 107.9 75.9 141.1



#35  
Methylcyclohexane  
Concen: 0.852 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.074 min  
Lab File: VU052298.D  
Acq: 09 Dec 2022 13:50

Tgt Ion: 83 Resp: 23713  
Ion Ratio Lower Upper  
83 100  
55 0.3 60.8 91.2#  
98 1.3 35.1 52.7#

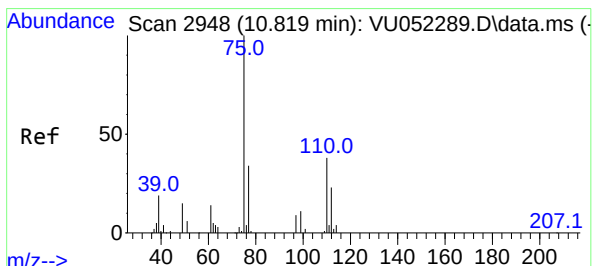
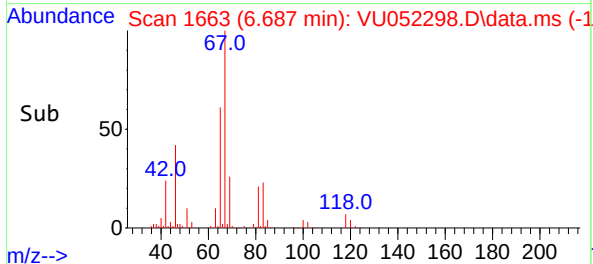
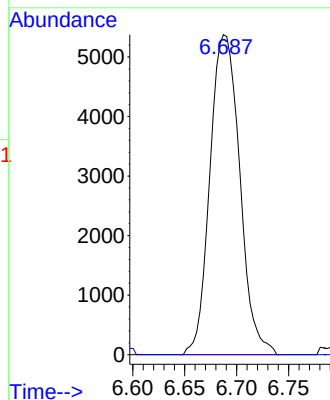
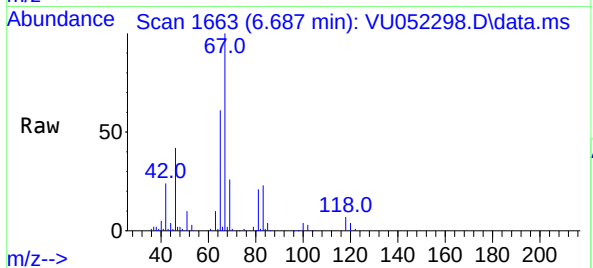




#37  
1,2-Dichloropropane  
Concen: 0.535 ug/L  
RT: 6.687 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU052298.D  
Acq: 09 Dec 2022 13:50

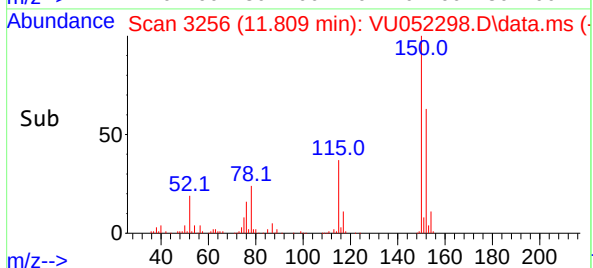
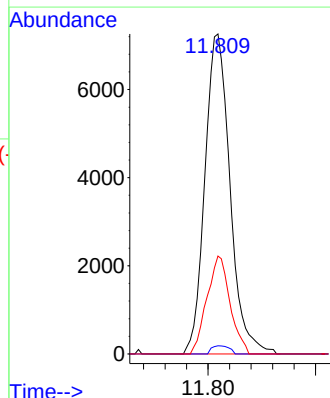
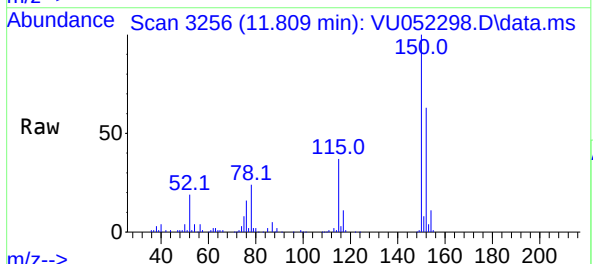
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B20

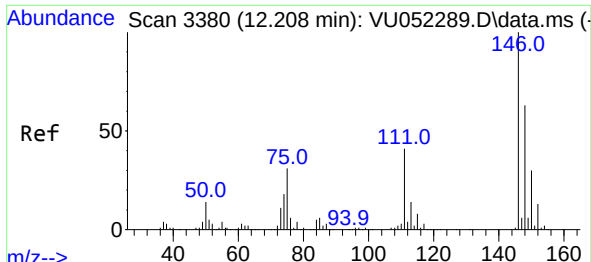
Tgt Ion: 63 Resp: 10744  
Ion Ratio Lower Upper  
63 100  
112 0.4 3.3 4.9#



#61  
1,2,3-Trichloropropane  
Concen: 1.120 ug/L  
RT: 11.809 min Scan# 3256  
Delta R.T. 0.990 min  
Lab File: VU052298.D  
Acq: 09 Dec 2022 13:50

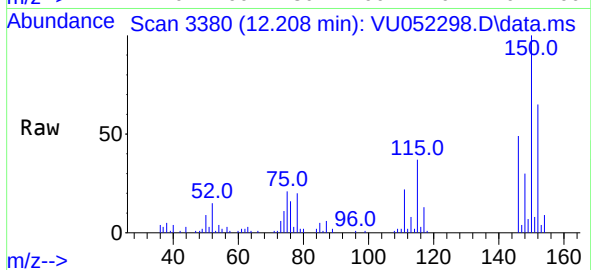
Tgt Ion: 75 Resp: 11784  
Ion Ratio Lower Upper  
75 100  
110 1.8 28.3 42.5#  
77 28.0 26.2 39.2





#67  
 1,2-Dichlorobenzene  
 Concen: 0.579 ug/L  
 RT: 12.208 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU052298.D  
 Acq: 09 Dec 2022 13:50

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B20



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 16449 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 43.9  | 32.7  | 49.1  |
| 148      | 59.7  | 50.6  | 75.8  |

