

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121222\  
 Data File : VU052344.D  
 Acq On : 12 Dec 2022 11:53  
 Operator : JC/MD  
 Sample : N5960-06 20X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COL29

Quant Time: Dec 12 12:42:43 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

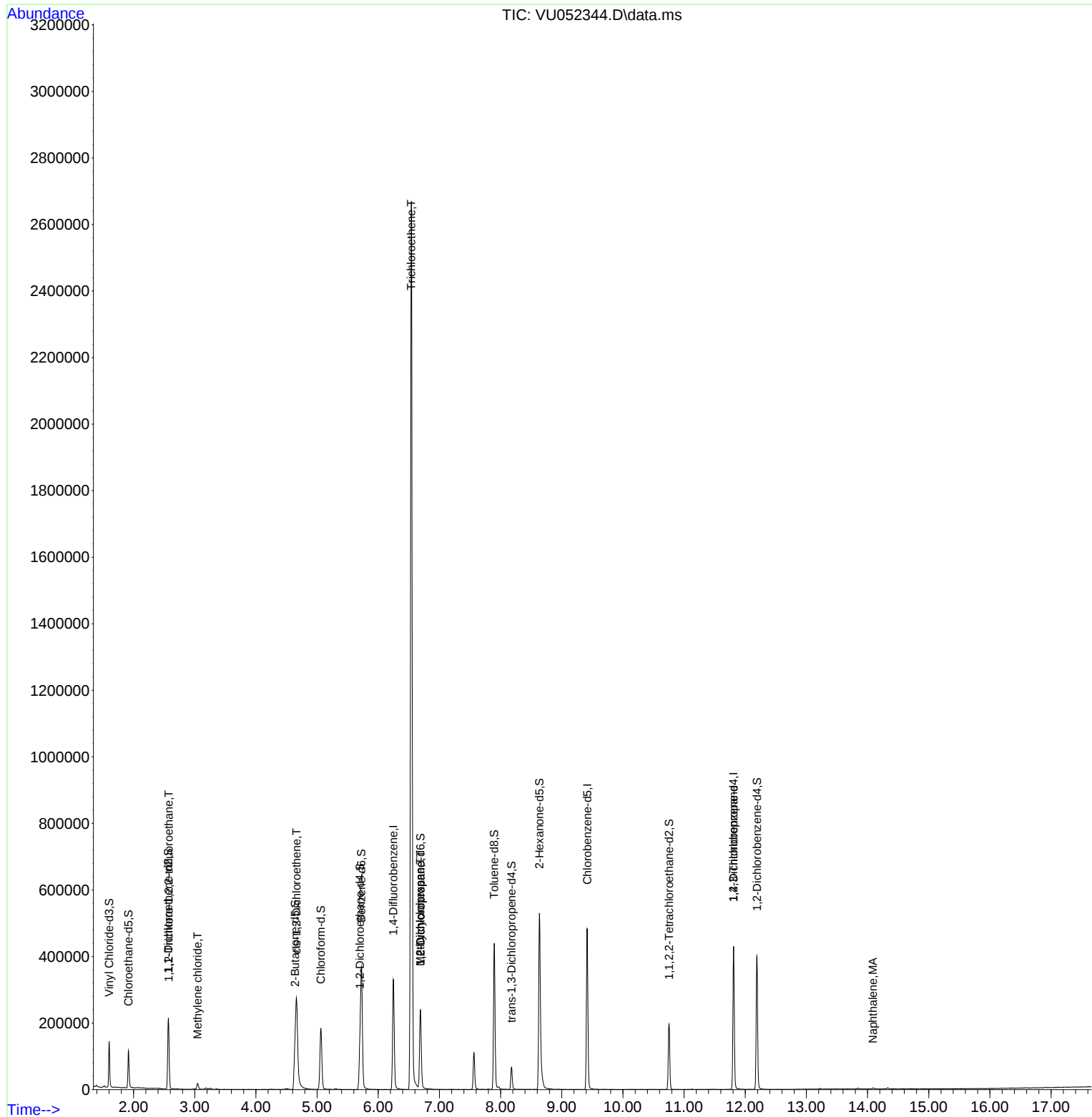
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 278305   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 284743   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 119916   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 100845   | 3.725    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.600%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 85980    | 4.089    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 40150    | 4.138    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 82.800%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 264666   | 53.937   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 107.880% |
| 24) Chloroform-d              | 5.063  | 84    | 176935   | 4.448    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 93559    | 4.657    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 32) Benzene-d6                | 5.726  | 84    | 365916   | 4.329    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 124046   | 4.742    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.800%  |
| 41) Toluene-d8                | 7.896  | 98    | 306819   | 4.012    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.200%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 40137    | 4.210    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.200%  |
| 46) 2-Hexanone-d5             | 8.635  | 63    | 185777   | 45.982   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.960%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 105045   | 4.631    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 116212   | 5.062    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.200% |
| Target Compounds              |        |       |          |          |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101   | 1114     | 0.055    | ug/L # | 20       |
| 16) Methylene chloride        | 3.047  | 84    | 8946     | 0.328    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    | 101644   | 4.475    | ug/L   | 98       |
| 34) Trichloroethene           | 6.539  | 95    | 951862   | 41.182   | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.687  | 83    | 27151    | 0.817    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.690  | 63    | 11778    | 0.491    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 13787    | 1.005    | ug/L # | 70       |
| 71) Naphthalene               | 14.089 | 128   | 4086     | 0.105    | ug/L # | 96       |

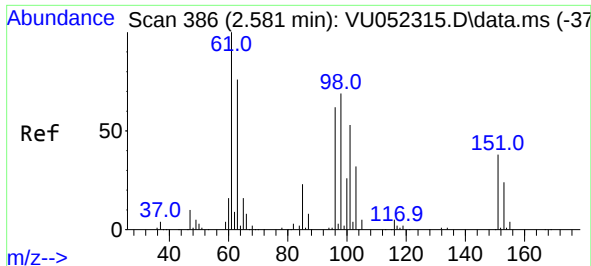
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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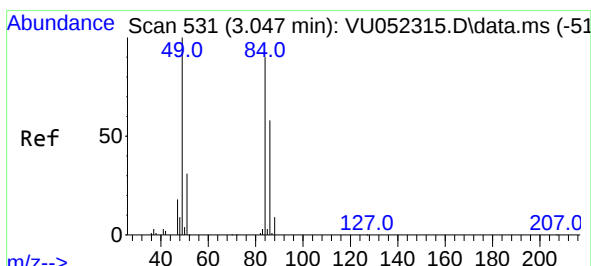
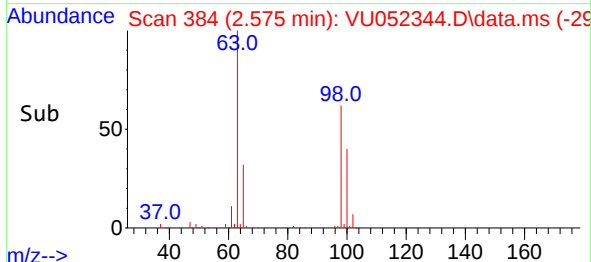
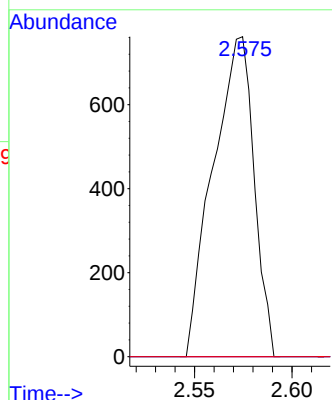
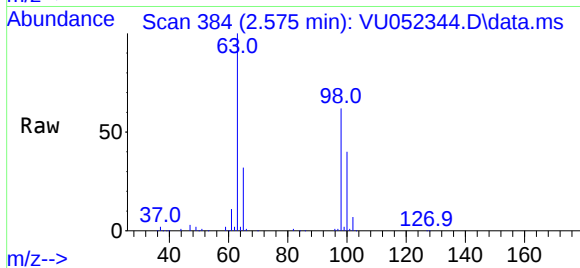




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.055 ug/L  
RT: 2.575 min Scan# 384  
Delta R.T. -0.007 min  
Lab File: VU052344.D  
Acq: 12 Dec 2022 11:53

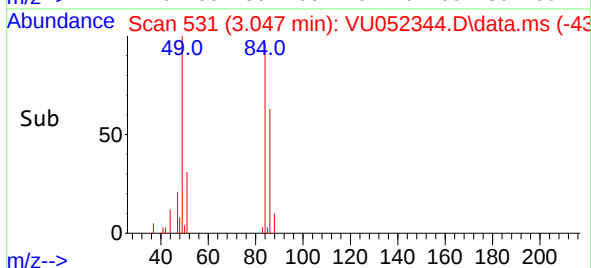
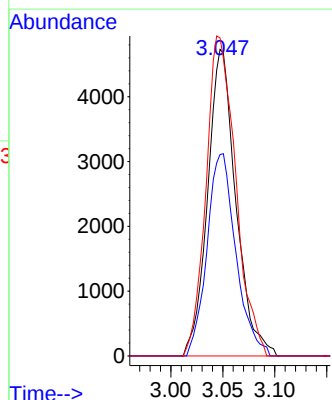
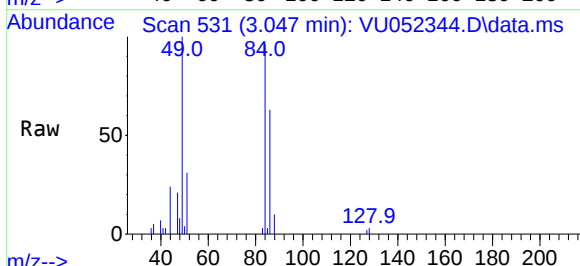
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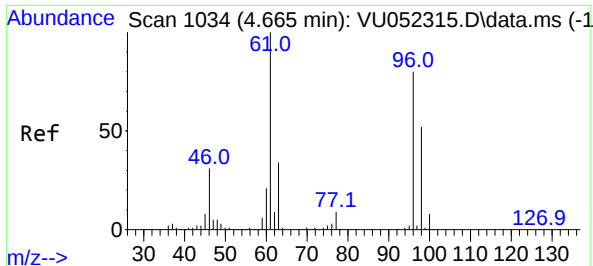
Tgt Ion:101 Resp: 1114  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 0.0 58.6 88.0#



#16  
Methylene chloride  
Concen: 0.328 ug/L  
RT: 3.047 min Scan# 531  
Delta R.T. -0.000 min  
Lab File: VU052344.D  
Acq: 12 Dec 2022 11:53

Tgt Ion: 84 Resp: 8946  
Ion Ratio Lower Upper  
84 100  
86 65.7 43.8 81.4  
49 103.8 75.9 141.1

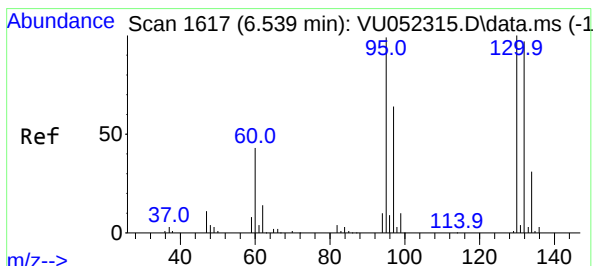
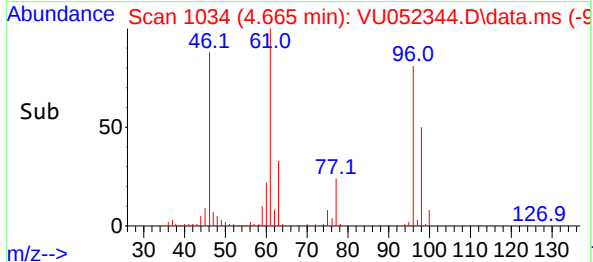
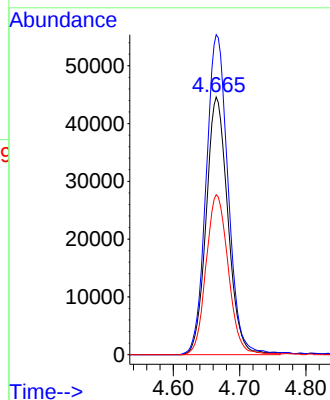
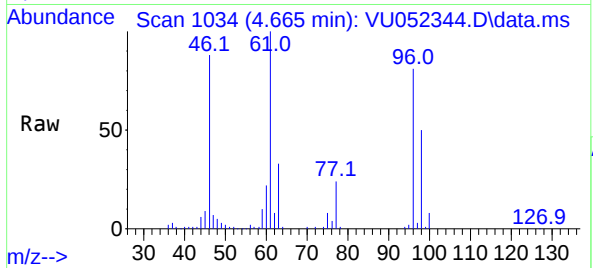




#22  
cis-1,2-Dichloroethene  
Concen: 4.475 ug/L  
RT: 4.665 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: VU052344.D  
Acq: 12 Dec 2022 11:53

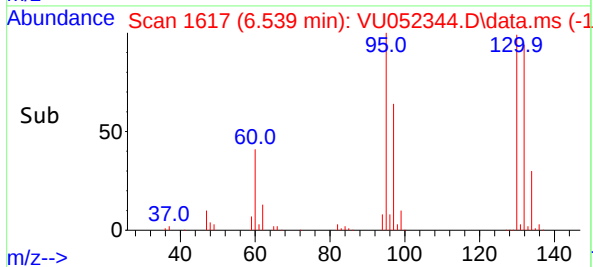
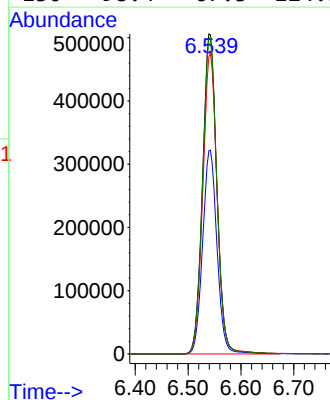
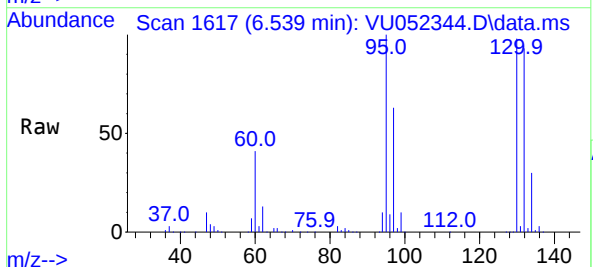
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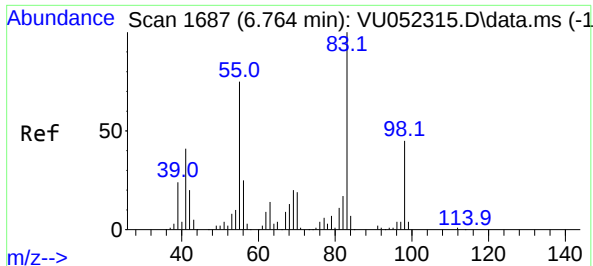
Tgt Ion: 96 Resp: 101644  
Ion Ratio Lower Upper  
96 100  
61 124.2 85.1 158.1  
98 62.1 42.8 79.6



#34  
Trichloroethene  
Concen: 41.182 ug/L  
RT: 6.539 min Scan# 1617  
Delta R.T. -0.003 min  
Lab File: VU052344.D  
Acq: 12 Dec 2022 11:53

Tgt Ion: 95 Resp: 951862  
Ion Ratio Lower Upper  
95 100  
97 63.5 43.7 81.1  
132 92.8 64.3 119.3  
130 98.4 67.3 124.9





#35

Methylcyclohexane

Concen: 0.817 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052344.D

Acq: 12 Dec 2022 11:53

Instrument :

MSVOA\_U

ClientSampleId :

C0L29

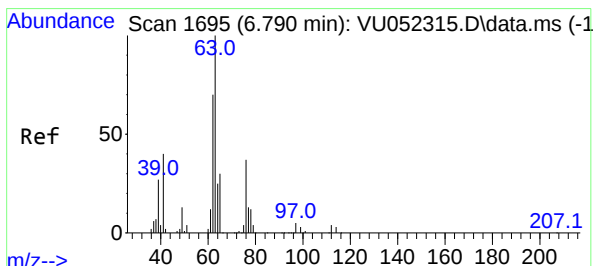
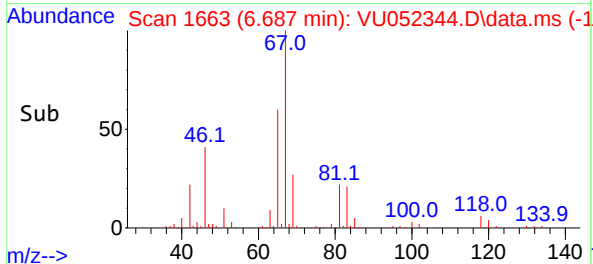
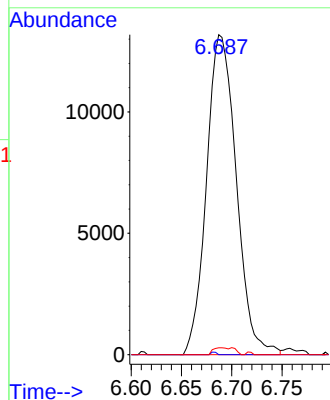
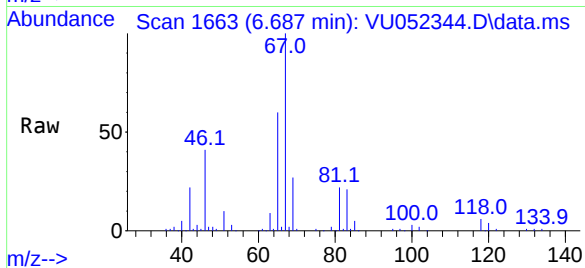
Tgt Ion: 83 Resp: 27151

Ion Ratio Lower Upper

83 100

55 0.1 60.8 91.2#

98 0.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.491 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU052344.D

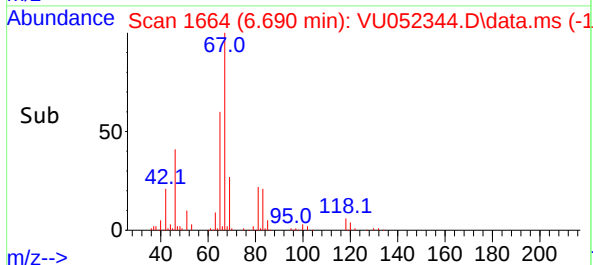
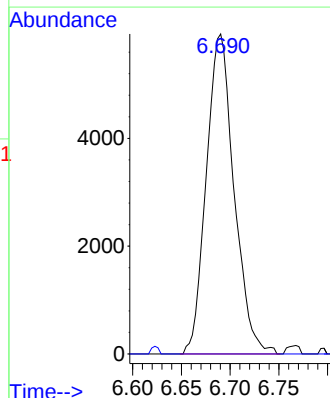
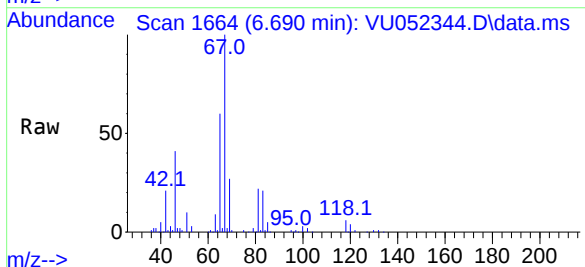
Acq: 12 Dec 2022 11:53

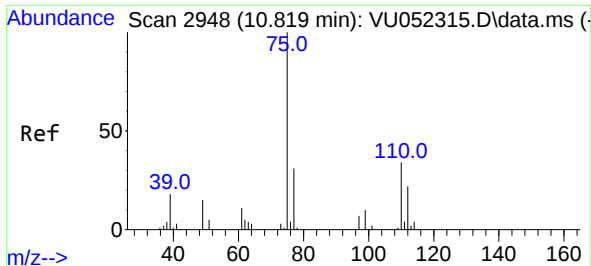
Tgt Ion: 63 Resp: 11778

Ion Ratio Lower Upper

63 100

112 0.6 3.3 4.9#

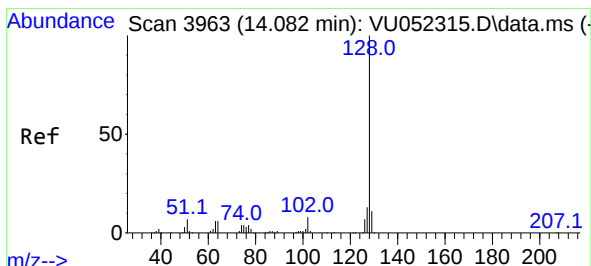
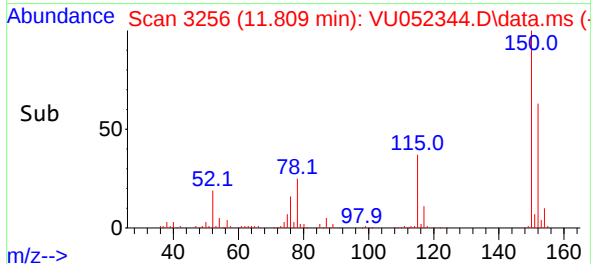
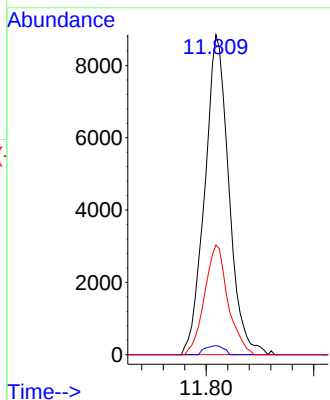
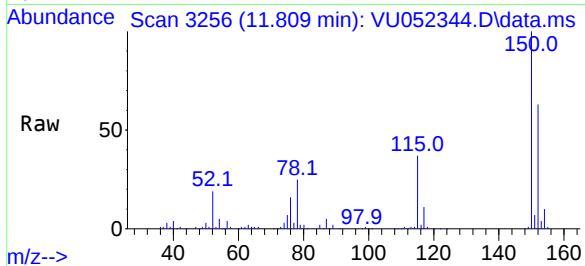




#61  
1,2,3-Trichloropropane  
Concen: 1.005 ug/L  
RT: 11.809 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU052344.D  
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Tgt Ion: 75 Resp: 13787  
Ion Ratio Lower Upper  
75 100  
110 2.2 28.3 42.5#  
77 33.2 26.2 39.2



#71  
Naphthalene  
Concen: 0.105 ug/L  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.006 min  
Lab File: VU052344.D  
Acq: 12 Dec 2022 11:53

Tgt Ion: 128 Resp: 4086  
Ion Ratio Lower Upper  
128 100  
129 7.2 8.3 12.5#  
127 12.5 10.2 15.4

