

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV120222\  
 Data File : VV029387.D  
 Acq On : 02 Dec 2022 12:10  
 Operator : SY/MD  
 Sample : VV1202WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 02 21:18:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 02 21:17:55 2022  
 Response via : Initial Calibration

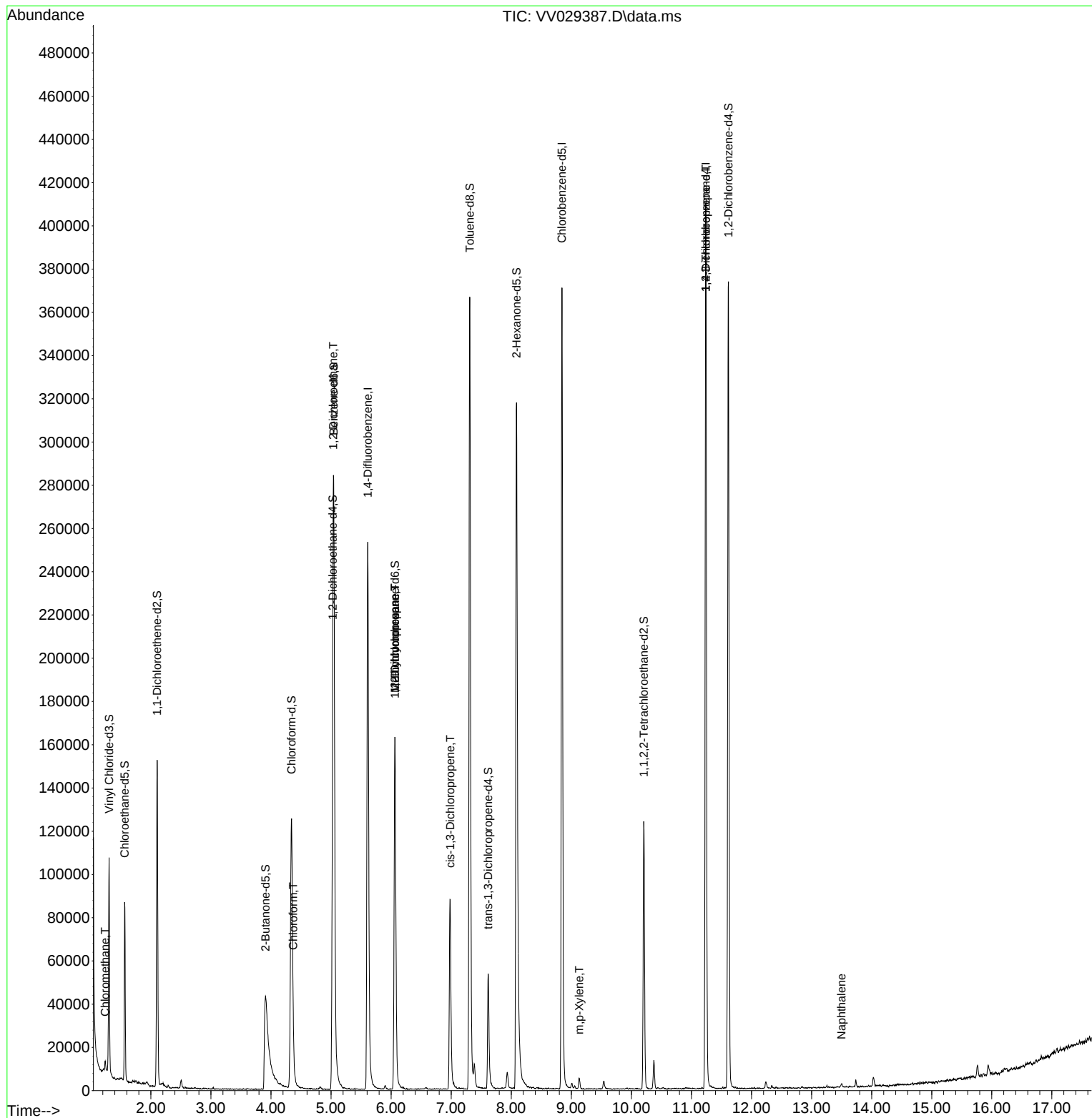
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 241019   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117   | 219279   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 112449   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 60482    | 4.078    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.600%  |
| 7) Chloroethane-d5            | 1.565  | 69    | 52124    | 4.801    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 76245    | 3.212    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.200%  |
| 20) 2-Butanone-d5             | 3.908  | 46    | 127632   | 51.438   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.880% |
| 24) Chloroform-d              | 4.343  | 84    | 135803   | 5.130    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.600% |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 62613    | 5.375    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.600% |
| 32) Benzene-d6                | 5.043  | 84    | 284876   | 4.701    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 85735    | 5.035    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.600% |
| 41) Toluene-d8                | 7.310  | 98    | 259181   | 4.531    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 43) trans-1,3-Dichloroprop... | 7.616  | 79    | 34273    | 5.220    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 104.400% |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 140249   | 59.927   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 119.860% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84    | 62931    | 5.989    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 119.800% |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152   | 102515   | 5.219    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.240  | 50    | 2521     | 0.153    | ug/L   | 97       |
| 25) Chloroform                | 4.368  | 83    | 6666     | 0.249    | ug/L   | 88       |
| 27) 1,2-Dichloroethane        | 5.037  | 62    | 1415     | 0.098    | ug/L # | 72       |
| 35) Methylcyclohexane         | 6.063  | 83    | 20818    | 0.737    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 9038     | 0.585    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.986  | 75    | 2415     | 0.107    | ug/L # | 77       |
| 53) m,p-Xylene                | 9.133  | 106   | 1688     | 0.058    | ug/L   | 85       |
| 61) 1,2,3-Trichloropropane    | 11.239 | 75    | 12494    | 1.602    | ug/L # | 66       |
| 71) Naphthalene               | 13.497 | 128   | 2123     | 0.108    | ug/L # | 92       |
| -----                         |        |       |          |          |        |          |

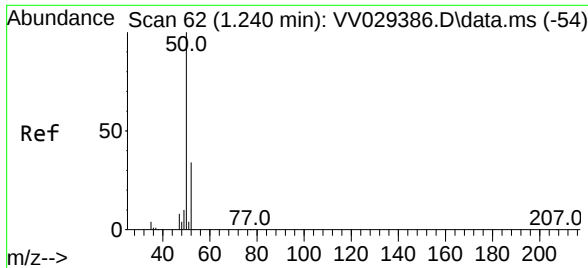
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Dec 02 21:18:21 2022  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Dec 02 21:17:55 2022  
Response via : Initial Calibration

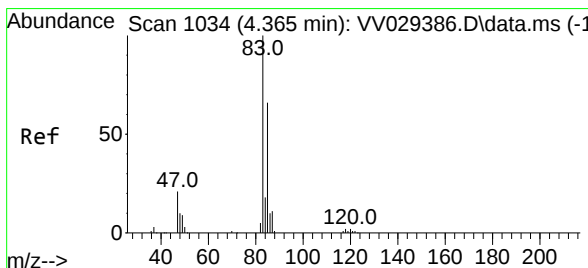
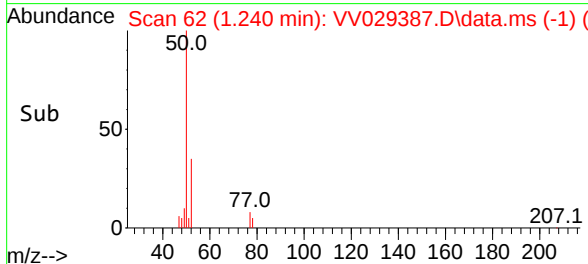
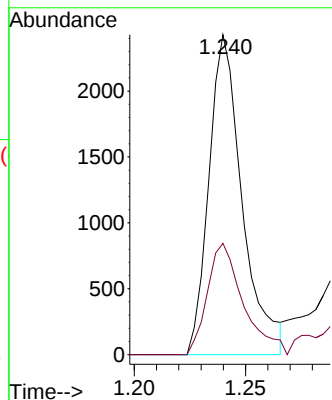
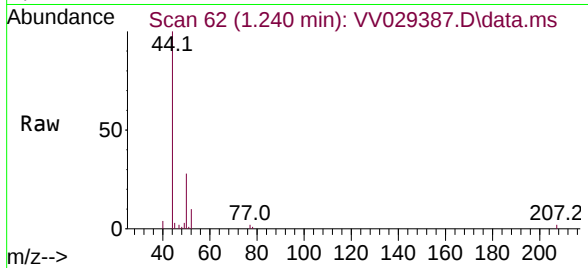




#3  
Chloromethane  
Concen: 0.153 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

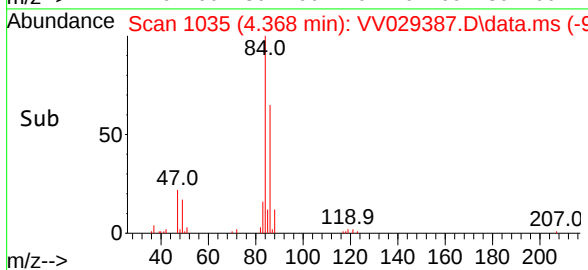
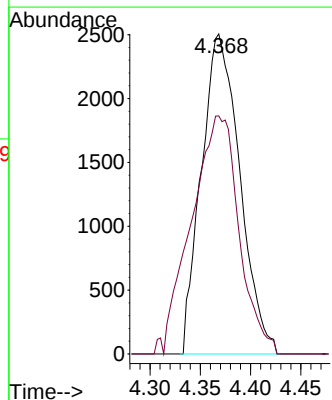
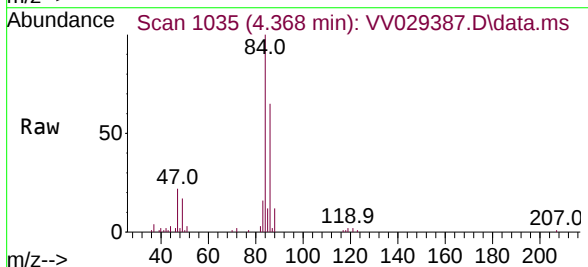
Instrument :  
MSVOA\_V  
ClientSampleId :

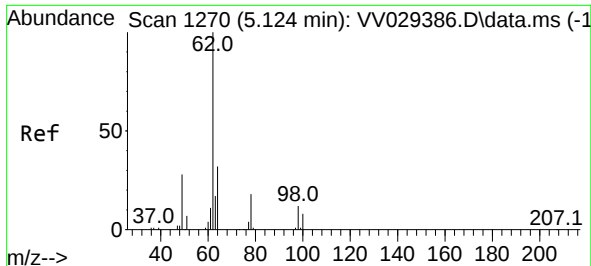
Tgt Ion: 50 Resp: 2521  
Ion Ratio Lower Upper  
50 100  
52 34.8 23.2 43.2



#25  
Chloroform  
Concen: 0.249 ug/L  
RT: 4.368 min Scan# 1035  
Delta R.T. 0.003 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

Tgt Ion: 83 Resp: 6666  
Ion Ratio Lower Upper  
83 100  
85 74.4 45.4 84.4

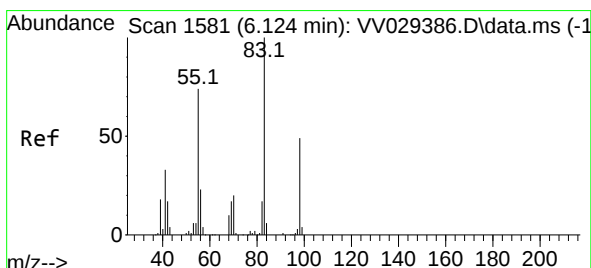
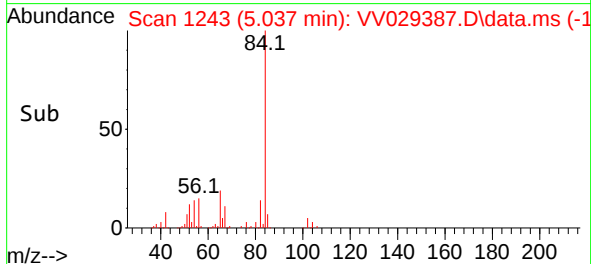
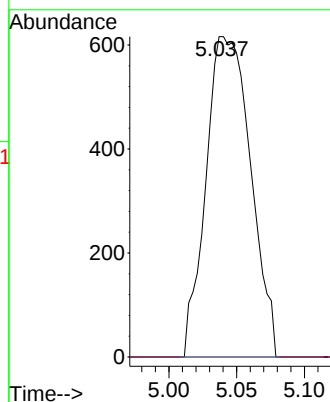
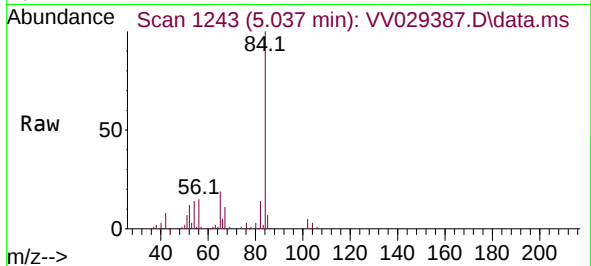




#27  
1,2-Dichloroethane  
Concen: 0.098 ug/L  
RT: 5.037 min Scan# 11  
Delta R.T. -0.087 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

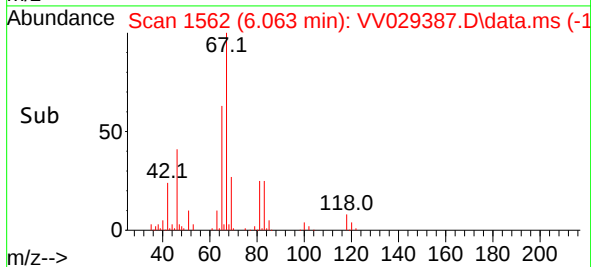
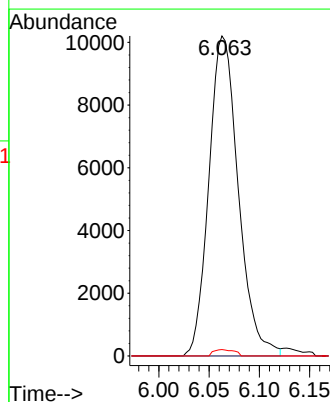
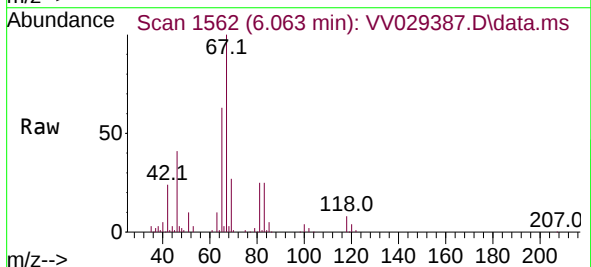
Instrument :  
MSVOA\_V  
ClientSampleId :

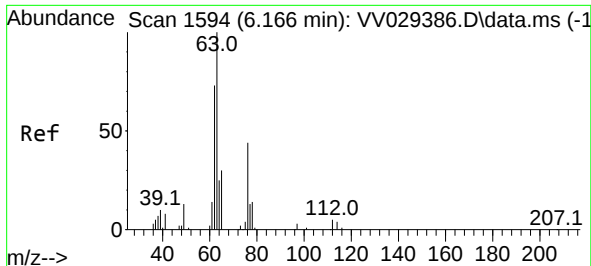
Tgt Ion: 62 Resp: 1415  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.4 12.6#



#35  
Methylcyclohexane  
Concen: 0.737 ug/L  
RT: 6.063 min Scan# 1562  
Delta R.T. -0.061 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

Tgt Ion: 83 Resp: 20818  
Ion Ratio Lower Upper  
83 100  
55 0.0 55.4 83.2#  
98 1.4 39.4 59.2#

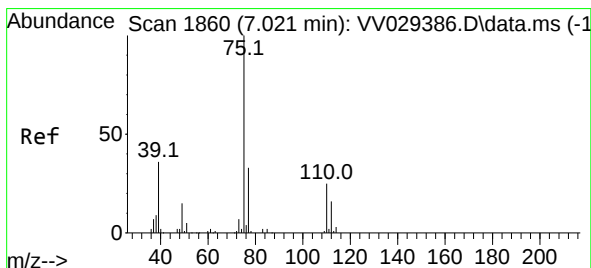
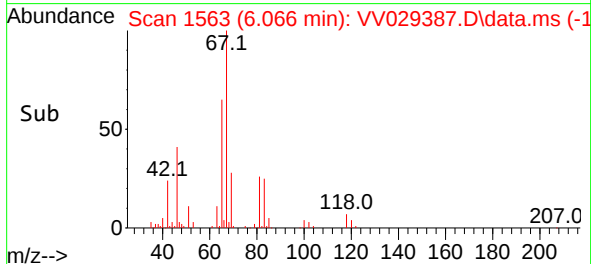
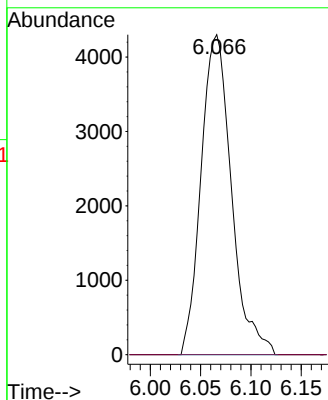
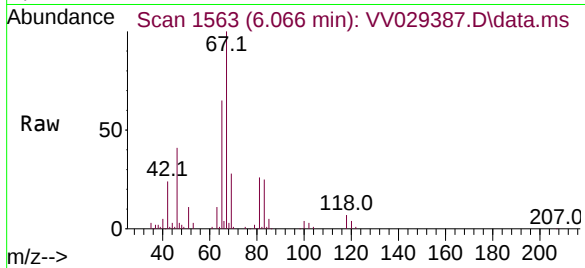




#37  
1,2-Dichloropropane  
Concen: 0.585 ug/L  
RT: 6.066 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

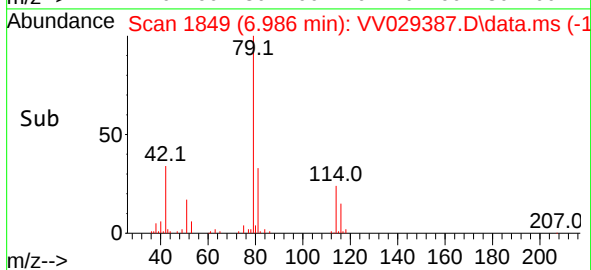
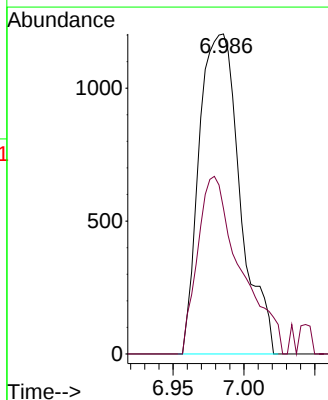
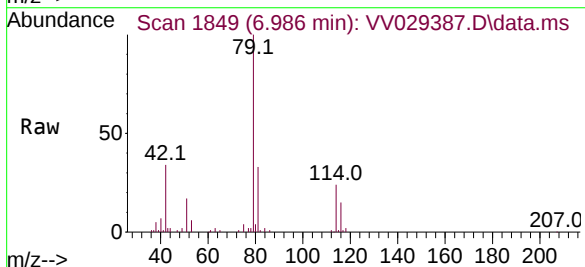
Instrument :  
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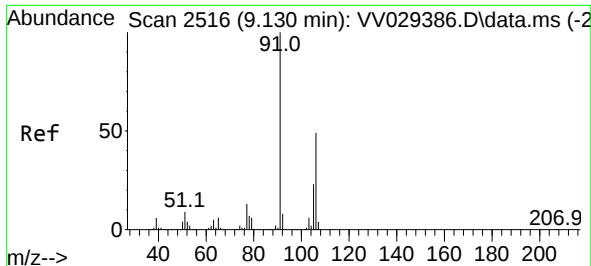
Tgt Ion: 63 Resp: 9038  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.1 6.1#



#39  
cis-1,3-Dichloropropene  
Concen: 0.107 ug/L  
RT: 6.986 min Scan# 1849  
Delta R.T. -0.035 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

Tgt Ion: 75 Resp: 2415  
Ion Ratio Lower Upper  
75 100  
77 45.4 22.7 42.3#

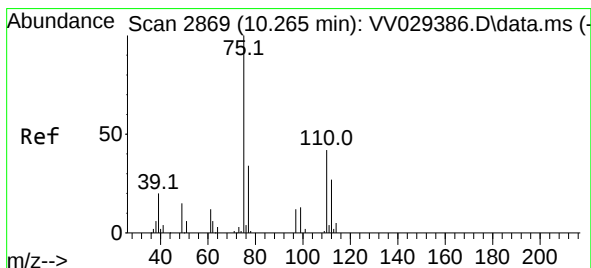
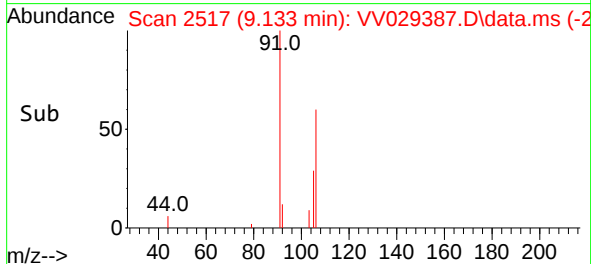
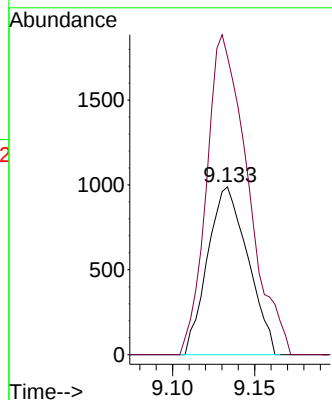
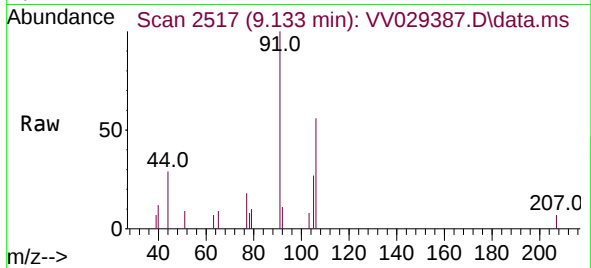




#53  
m,p-Xylene  
Concen: 0.058 ug/L  
RT: 9.133 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

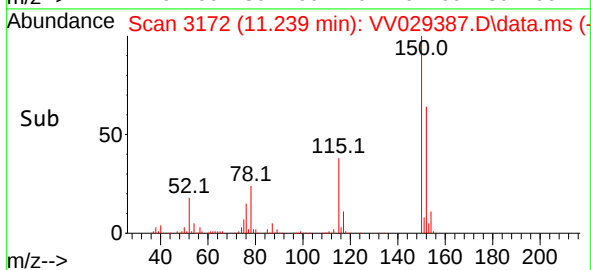
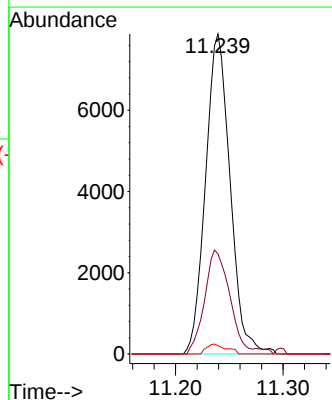
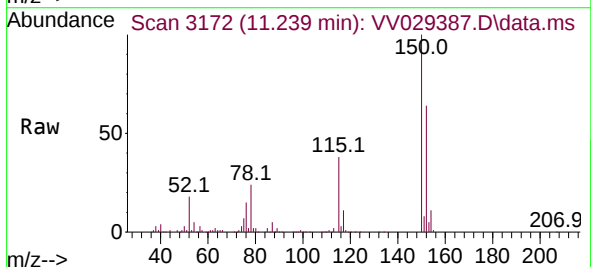
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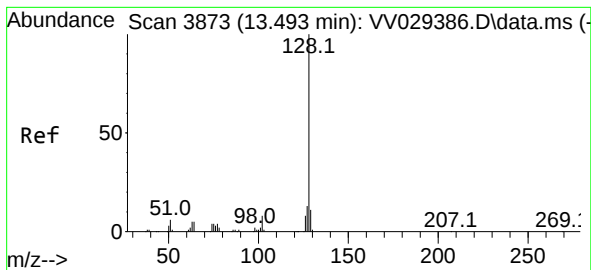
Tgt Ion:106 Resp: 1688  
Ion Ratio Lower Upper  
106 100  
91 177.9 140.6 261.2



#61  
1,2,3-Trichloropropane  
Concen: 1.602 ug/L  
RT: 11.239 min Scan# 3172  
Delta R.T. 0.974 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

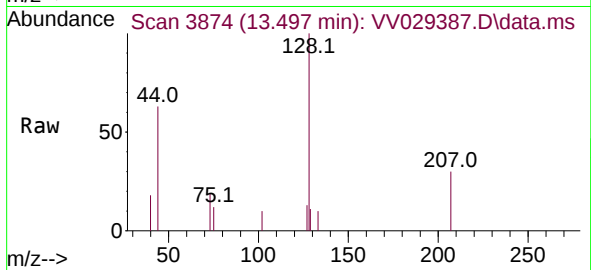
Tgt Ion: 75 Resp: 12494  
Ion Ratio Lower Upper  
75 100  
77 33.9 26.7 40.1  
110 2.5 32.2 48.4#





#71  
Naphthalene  
Concen: 0.108 ug/L  
RT: 13.497 min Scan# 3874  
Delta R.T. 0.003 min  
Lab File: VV029387.D  
Acq: 02 Dec 2022 12:10

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:128 Resp: 2123  
Ion Ratio Lower Upper  
128 100  
129 6.5 8.9 13.3#  
127 11.5 10.6 15.8

