

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112322\  
 Data File : VW029332.D  
 Acq On : 24 Nov 2022 07:16  
 Operator : SY/MD  
 Sample : N5694-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 25 00:23:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 24 04:08:22 2022  
 Response via : Initial Calibration

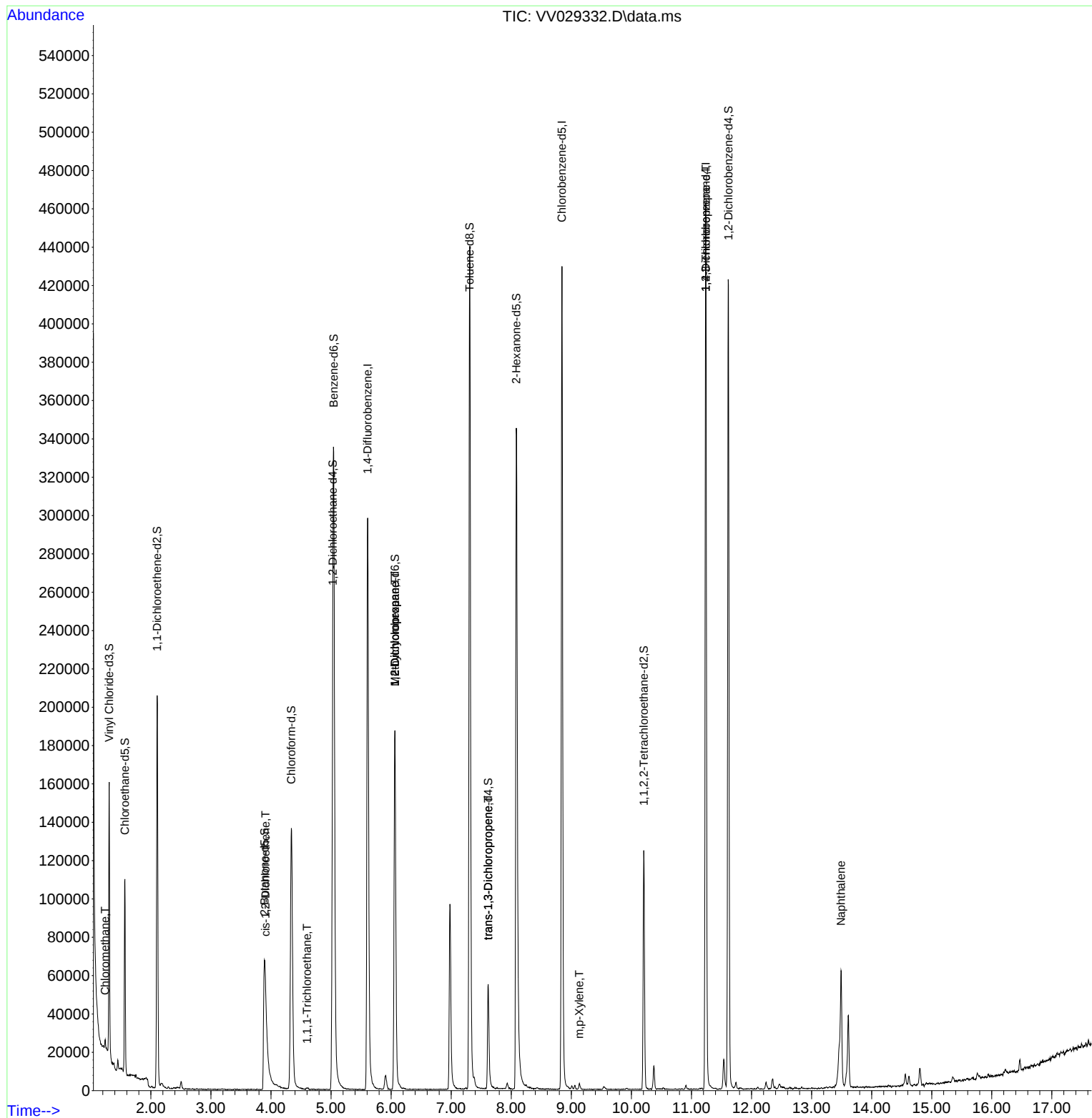
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.609     | 114            | 284006   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844     | 117            | 247742   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239    | 152            | 126348   | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.304     | 65             | 89901    | 5.144      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 102.800% |        |          |
| 7) Chloroethane-d5            | 1.568     | 69             | 66163    | 5.171      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 103.400% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.105     | 63             | 103550   | 3.702      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 74.000%  |        |          |
| 20) 2-Butanone-d5             | 3.892     | 46             | 149431   | 51.108     | ug/L   | -0.01    |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 102.220% |        |          |
| 24) Chloroform-d              | 4.339     | 84             | 150611   | 4.828      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 96.600%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.027     | 65             | 71764    | 5.228      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 104.600% |        |          |
| 32) Benzene-d6                | 5.043     | 84             | 339350   | 4.956      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 99.200%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.063     | 67             | 98151    | 5.101      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 102.000% |        |          |
| 41) Toluene-d8                | 7.307     | 98             | 316848   | 4.903      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 98.000%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.616     | 79             | 34818    | 4.694      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 93.800%  |        |          |
| 46) 2-Hexanone-d5             | 8.085     | 63             | 128005   | 48.411     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 96.820%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207    | 84             | 60729    | 5.115      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 102.400% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.615    | 152            | 113796   | 5.156      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 103.200% |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 3) Chloromethane              | 1.240     | 50             | 2847     | 0.147      | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 3.908     | 96             | 1404     | 0.073      | ug/L # | 42       |
| 29) 1,1,1-Trichloroethane     | 4.600     | 97             | 759      | 0.027      | ug/L # | 75       |
| 35) Methylcyclohexane         | 6.063     | 83             | 22848    | 0.716      | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.063     | 63             | 10843    | 0.621      | ug/L # | 85       |
| 44) trans-1,3-Dichloropropene | 7.616     | 75             | 1525     | 0.075      | ug/L # | 72       |
| 53) m,p-Xylene                | 9.133     | 106            | 1083     | 0.033      | ug/L   | 84       |
| 61) 1,2,3-Trichloropropane    | 11.239    | 75             | 14071    | 1.606      | ug/L # | 66       |
| 71) Naphthalene               | 13.490    | 128            | 74739    | 3.393      | ug/L   | 98       |

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

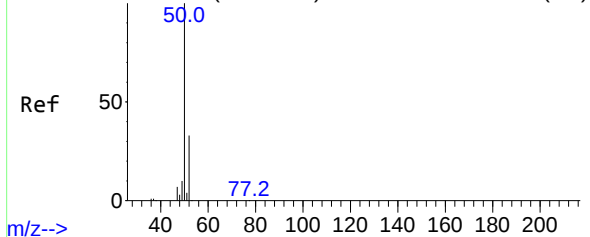
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV112322\  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 24 04:08:22 2022  
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV029324.D\data.ms (-54)



#3

Chloromethane

Concen: 0.147 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029332.D

Acq: 24 Nov 2022 07:16

Instrument :

MSVOA\_V

ClientSampleId :

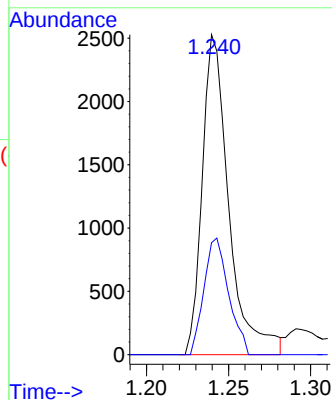
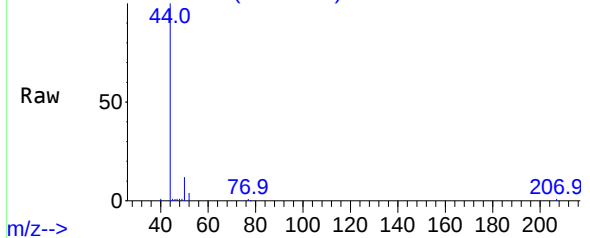
Tgt Ion: 50 Resp: 2847

Ion Ratio Lower Upper

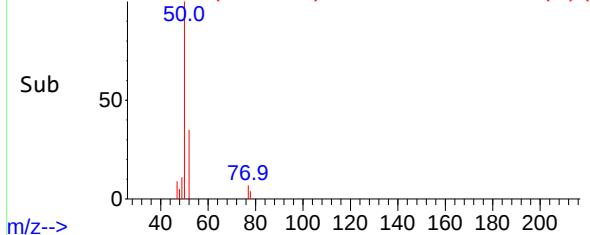
50 100

52 35.0 23.2 43.2

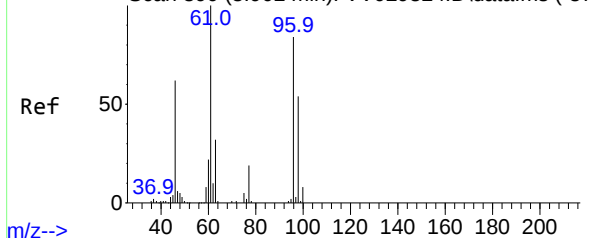
Abundance Scan 62 (1.240 min): VV029332.D\data.ms



Abundance Scan 62 (1.240 min): VV029332.D\data.ms (-1)



Abundance Scan 890 (3.902 min): VV029324.D\data.ms (-87)



#22

cis-1,2-Dichloroethene

Concen: 0.073 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV029332.D

Acq: 24 Nov 2022 07:16

Tgt Ion: 96 Resp: 1404

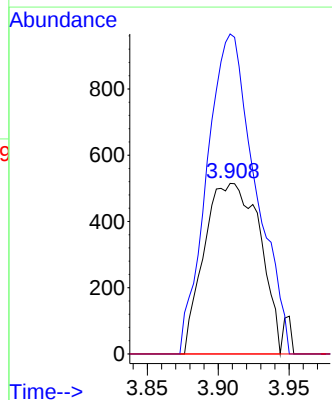
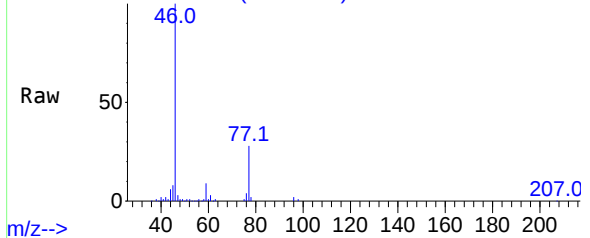
Ion Ratio Lower Upper

96 100

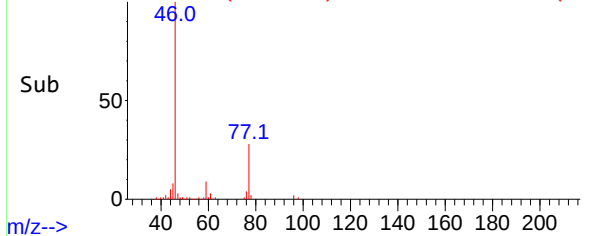
61 187.6 85.8 159.3

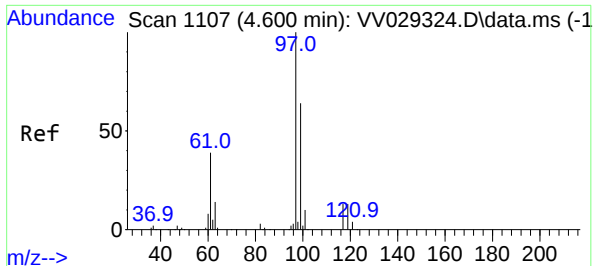
68 0.0 0.0 0.0

Abundance Scan 892 (3.908 min): VV029332.D\data.ms



Abundance Scan 892 (3.908 min): VV029332.D\data.ms (-79)

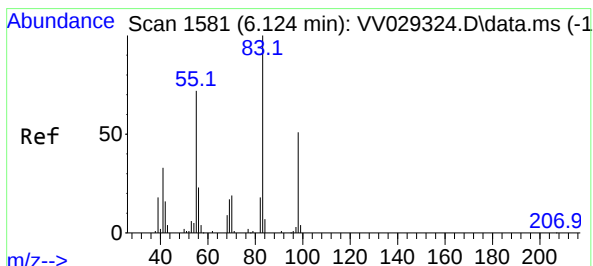
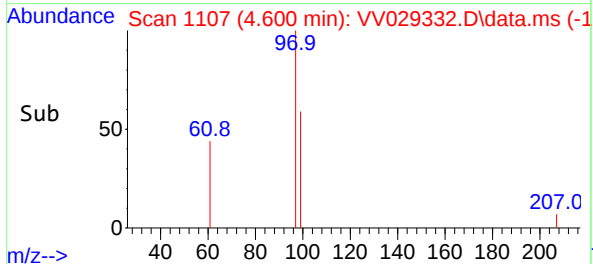
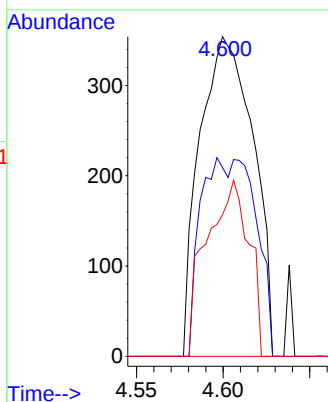
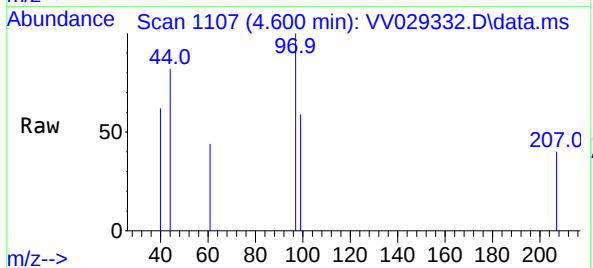




#29  
1,1,1-Trichloroethane  
Concen: 0.027 ug/L  
RT: 4.600 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VV029332.D  
Acq: 24 Nov 2022 07:16

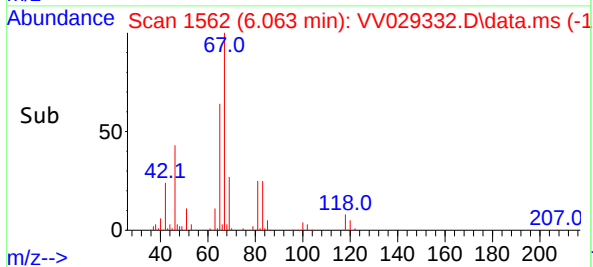
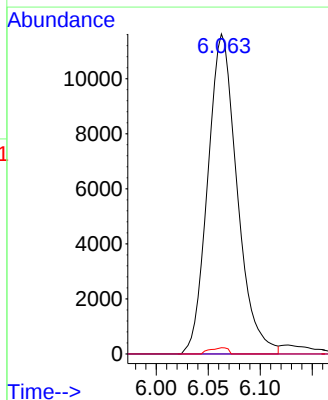
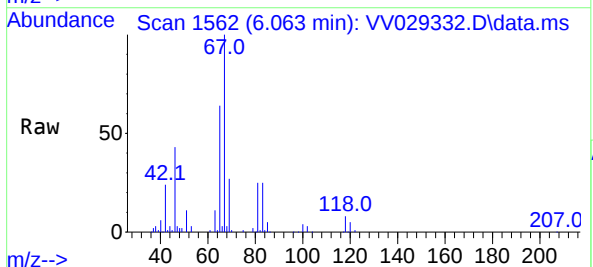
Instrument :  
MSVOA\_V  
ClientSampleId :

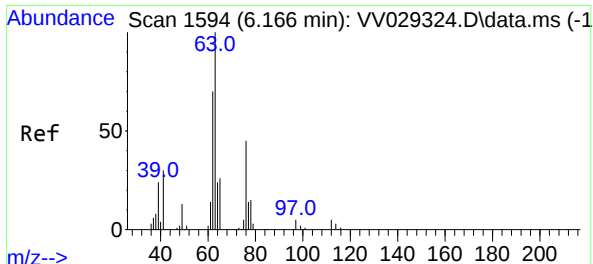
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 759   |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 33.3  | 51.2  | 76.8# |
| 61       | 43.5  | 33.3  | 49.9  |



#35  
Methylcyclohexane  
Concen: 0.716 ug/L  
RT: 6.063 min Scan# 1562  
Delta R.T. -0.061 min  
Lab File: VV029332.D  
Acq: 24 Nov 2022 07:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 22848 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 55.4  | 83.2# |
| 98       | 1.2   | 39.4  | 59.2# |

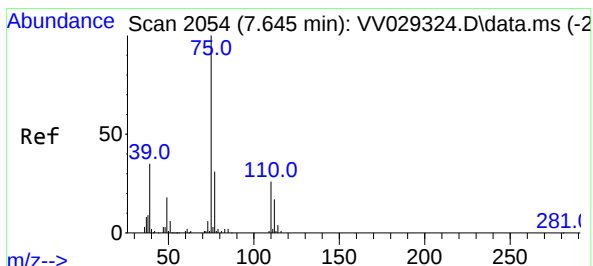
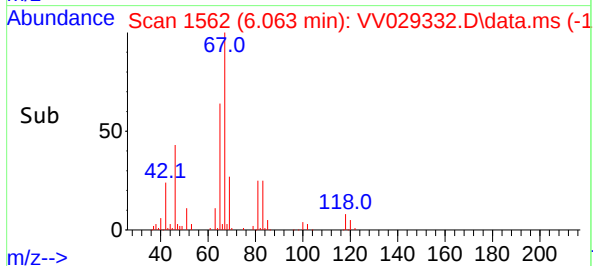
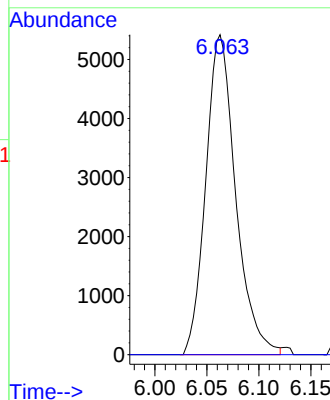
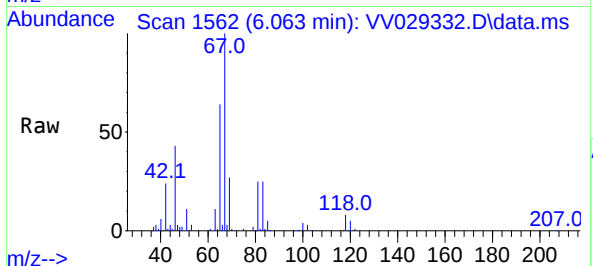




#37  
1,2-Dichloropropane  
Concen: 0.621 ug/L  
RT: 6.063 min Scan# 11  
Delta R.T. -0.103 min  
Lab File: VV029332.D  
Acq: 24 Nov 2022 07:16

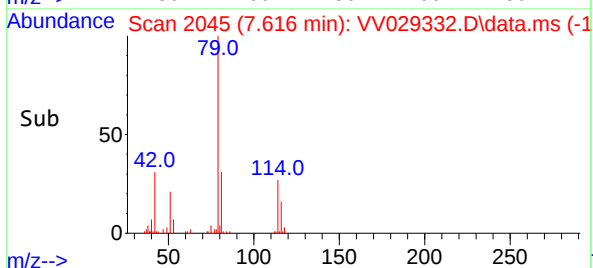
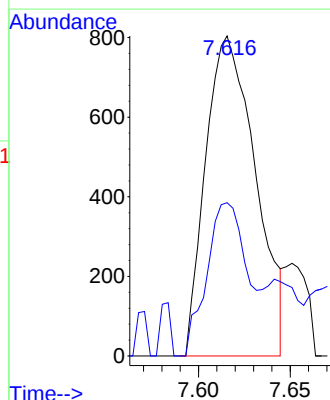
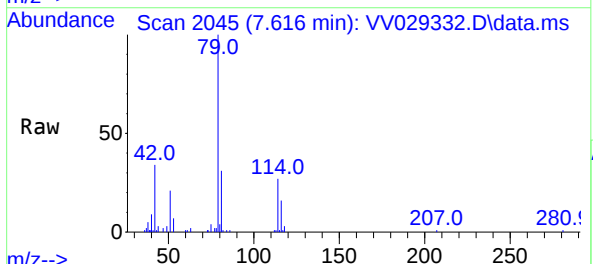
Instrument :  
MSVOA\_V  
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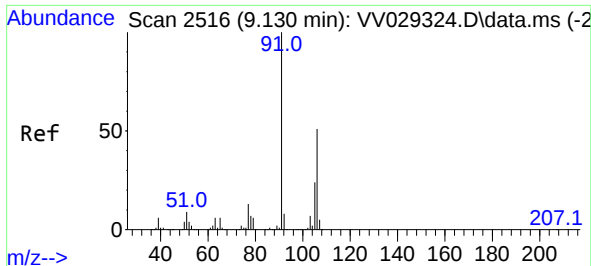
Tgt Ion: 63 Resp: 10843  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.1 6.1#



#44  
trans-1,3-Dichloropropene  
Concen: 0.075 ug/L  
RT: 7.616 min Scan# 2045  
Delta R.T. -0.029 min  
Lab File: VV029332.D  
Acq: 24 Nov 2022 07:16

Tgt Ion: 75 Resp: 1525  
Ion Ratio Lower Upper  
75 100  
77 47.9 22.4 41.6#

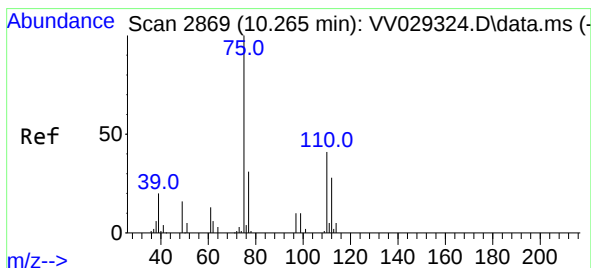
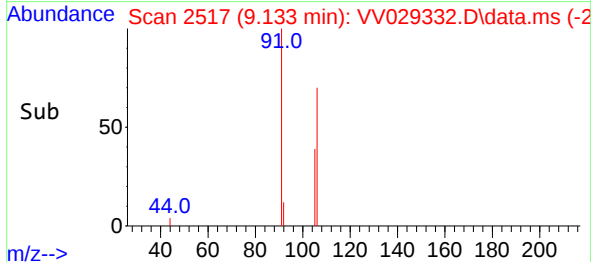
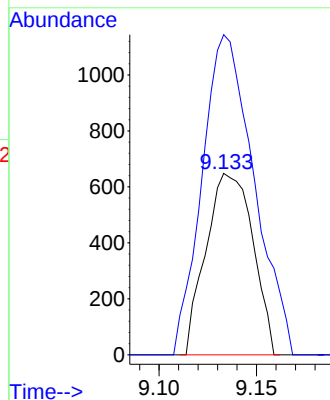
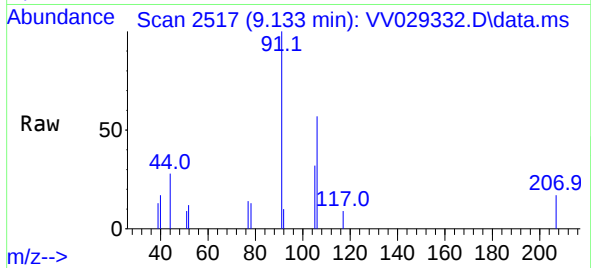




#53  
m,p-Xylene  
Concen: 0.033 ug/L  
RT: 9.133 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV029332.D  
Acq: 24 Nov 2022 07:16

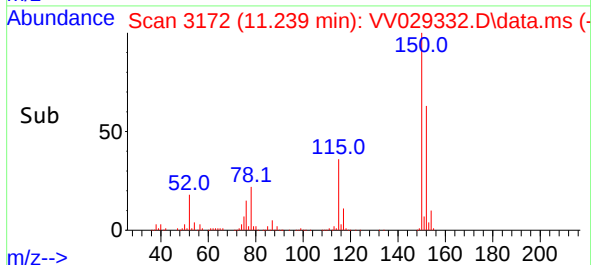
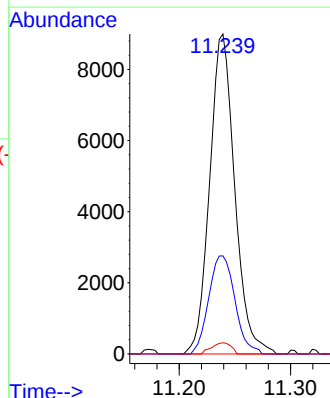
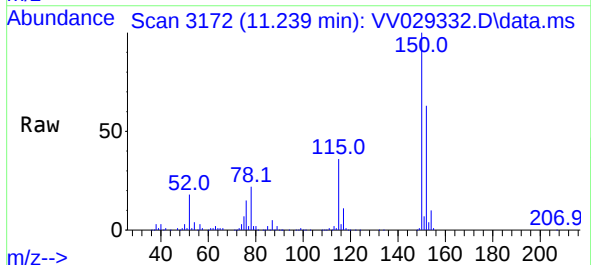
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MSVOA\_V  
ClientSampleId :

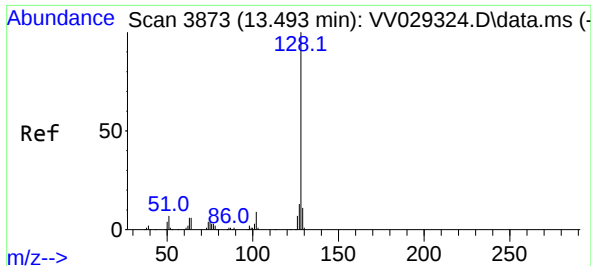
Tgt Ion:106 Resp: 1083  
Ion Ratio Lower Upper  
106 100  
91 176.5 140.6 261.2



#61  
1,2,3-Trichloropropane  
Concen: 1.606 ug/L  
RT: 11.239 min Scan# 3172  
Delta R.T. 0.974 min  
Lab File: VV029332.D  
Acq: 24 Nov 2022 07:16

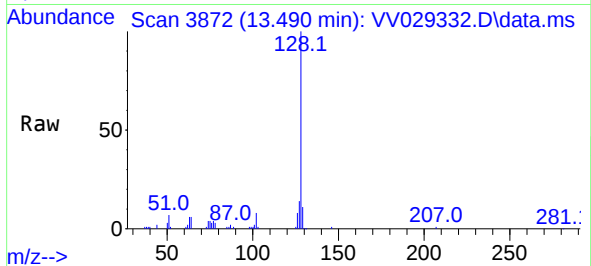
Tgt Ion: 75 Resp: 14071  
Ion Ratio Lower Upper  
75 100  
77 32.1 26.7 40.1  
110 2.7 32.2 48.4#





#71  
Naphthalene  
Concen: 3.393 ug/L  
RT: 13.490 min Scan# 3873  
Delta R.T. -0.003 min  
Lab File: VV029332.D  
Acq: 24 Nov 2022 07:16

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:128 Resp: 74739  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.9 13.3  
127 14.2 10.6 15.8

