

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111722\  
 Data File : VW029100.D  
 Acq On : 18 Nov 2022 06:16  
 Operator : SY/MD  
 Sample : N5648-18  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H46G1

Quant Time: Nov 18 08:33:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 18 04:35:43 2022  
 Response via : Initial Calibration

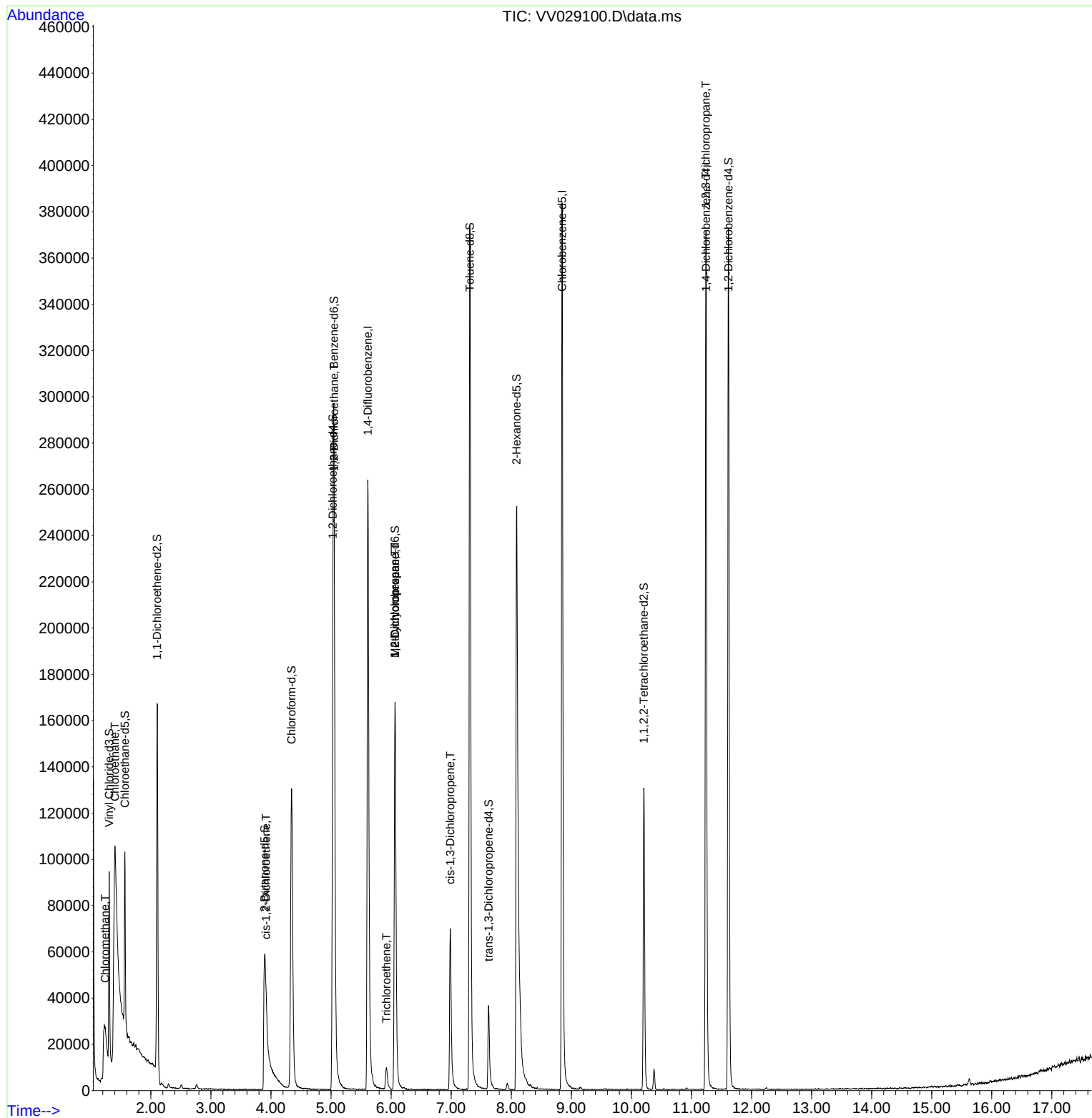
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 259973   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117            | 238208   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152            | 111239   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 55599    | 3.508  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 70.200%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 49406    | 3.546  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 71.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 79655    | 2.758  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 55.200%# |          |
| 20) 2-Butanone-d5             | 3.892  | 46             | 125205   | 47.192 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 94.380%  |          |
| 24) Chloroform-d              | 4.342  | 84             | 143250   | 4.402  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 88.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65             | 66124    | 4.516  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.400%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 302758   | 4.258  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 88343    | 4.450  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 89.000%  |          |
| 41) Toluene-d8                | 7.310  | 98             | 273807   | 4.278  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 23914    | 3.693  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 73.800%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 115382   | 41.744 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 83.480%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84             | 65479    | 4.757  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152            | 105218   | 5.287  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.240  | 50             | 2466     | 0.137  | ug/L     | 85       |
| 8) Chloroethane               | 1.404  | 64             | 353995   | 29.363 | ug/L #   | 53       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96             | 7100     | 0.383  | ug/L     | 77       |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 1700     | 0.106  | ug/L #   | 70       |
| 34) Trichloroethene           | 5.921  | 95             | 3869     | 0.208  | ug/L     | 95       |
| 35) Methylcyclohexane         | 6.066  | 83             | 22237    | 0.679  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 6.066  | 63             | 9348     | 0.557  | ug/L #   | 85       |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75             | 1586     | 0.068  | ug/L #   | 46       |
| 61) 1,2,3-Trichloropropane    | 11.239 | 75             | 10714    | 1.409  | ug/L #   | 63       |
| -----                         |        |                |          |        |          |          |

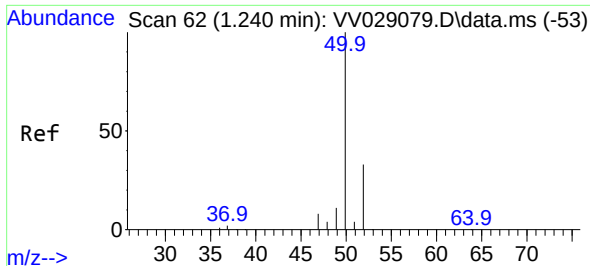
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 18 04:35:43 2022  
Response via : Initial Calibration

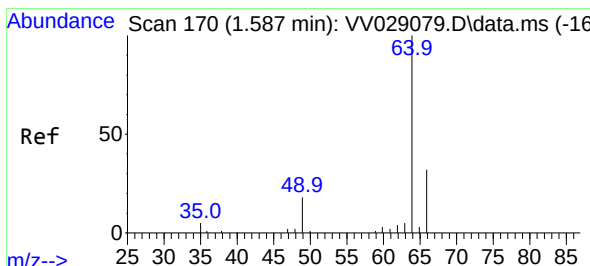
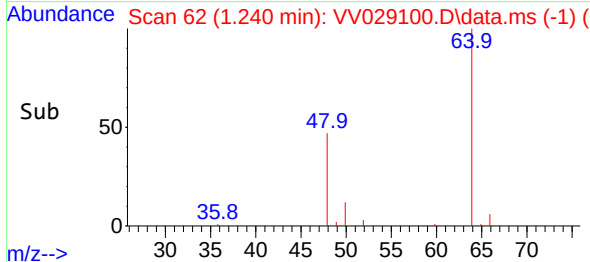
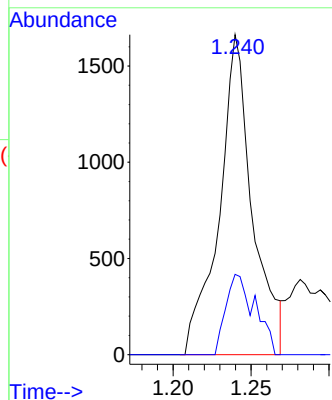
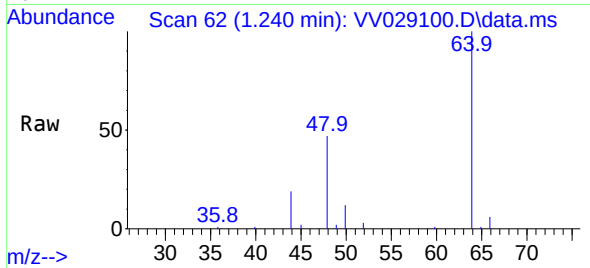




#3  
Chloromethane  
Concen: 0.137 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV029100.D  
Acq: 18 Nov 2022 06:16

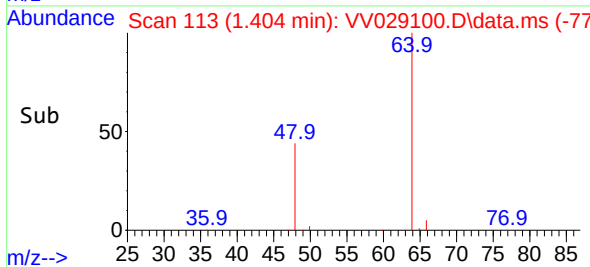
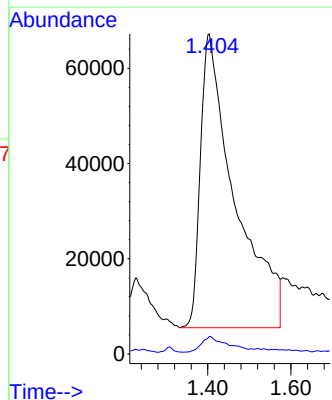
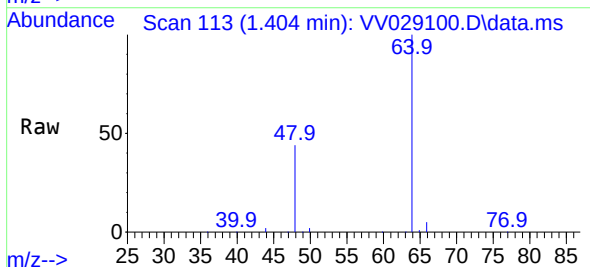
Instrument :  
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ClientSampleId :  
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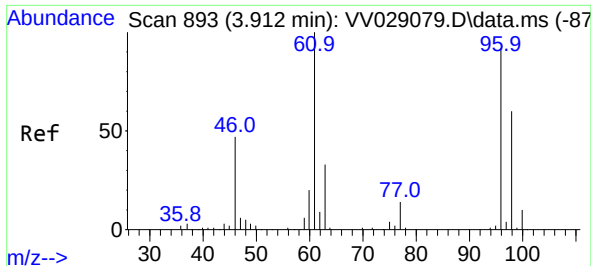
Tgt Ion: 50 Resp: 2466  
Ion Ratio Lower Upper  
50 100  
52 25.1 23.7 43.9



#8  
Chloroethane  
Concen: 29.363 ug/L  
RT: 1.404 min Scan# 113  
Delta R.T. -0.183 min  
Lab File: VV029100.D  
Acq: 18 Nov 2022 06:16

Tgt Ion: 64 Resp: 353995  
Ion Ratio Lower Upper  
64 100  
66 5.5 22.0 40.8#

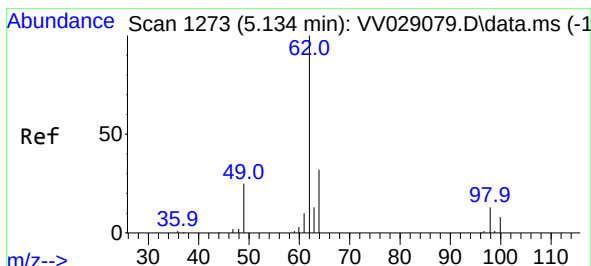
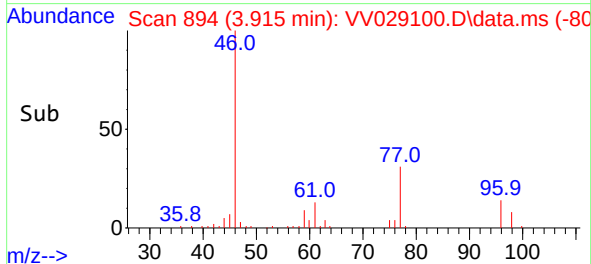
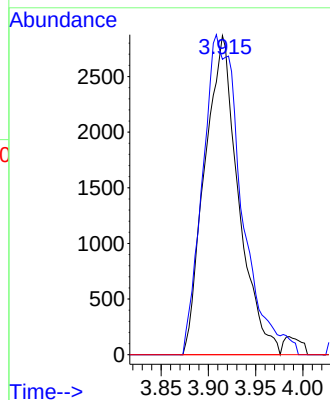
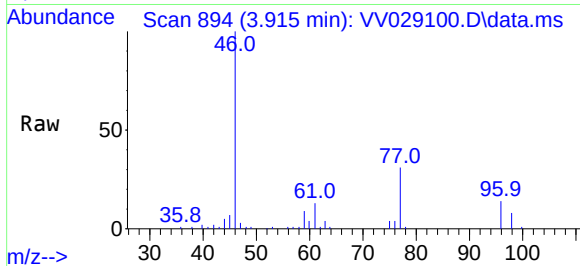




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.383 ug/L  
 RT: 3.915 min Scan# 89  
 Delta R.T. 0.003 min  
 Lab File: VV029100.D  
 Acq: 18 Nov 2022 06:16

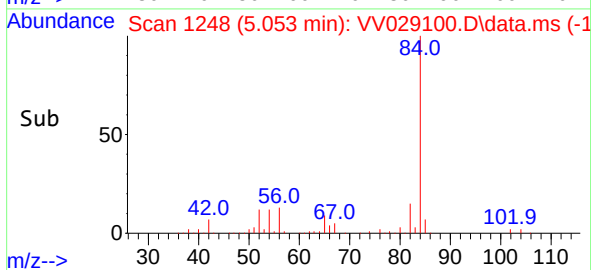
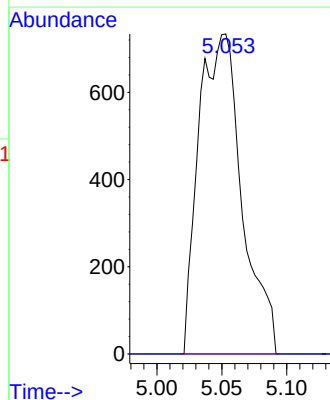
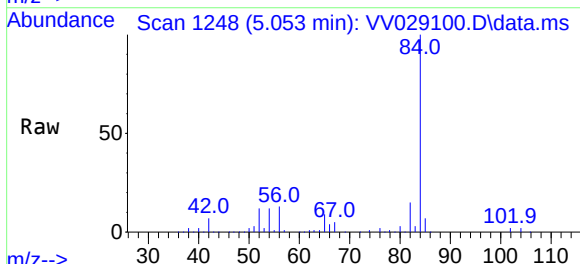
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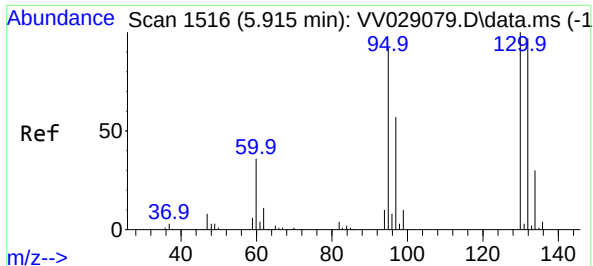
Tgt Ion: 96 Resp: 7100  
 Ion Ratio Lower Upper  
 96 100  
 61 92.6 82.3 152.9  
 68 0.0 0.0 0.0



#27  
 1,2-Dichloroethane  
 Concen: 0.106 ug/L  
 RT: 5.053 min Scan# 1248  
 Delta R.T. -0.080 min  
 Lab File: VV029100.D  
 Acq: 18 Nov 2022 06:16

Tgt Ion: 62 Resp: 1700  
 Ion Ratio Lower Upper  
 62 100  
 98 0.0 9.0 13.6#

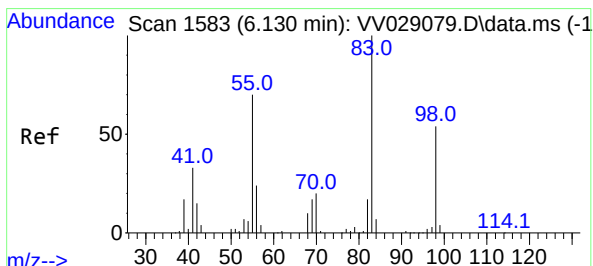
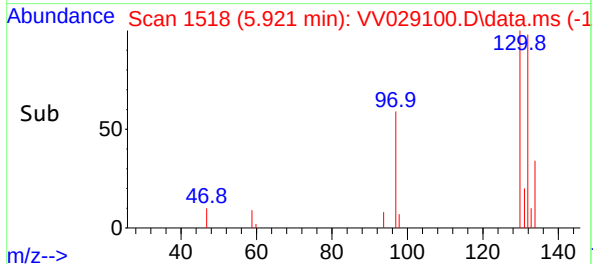
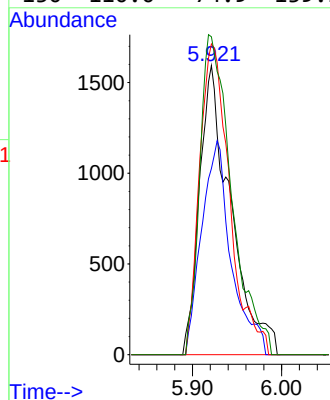
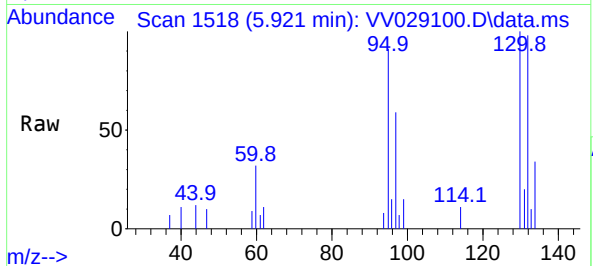




#34  
Trichloroethene  
Concen: 0.208 ug/L  
RT: 5.921 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VV029100.D  
Acq: 18 Nov 2022 06:16

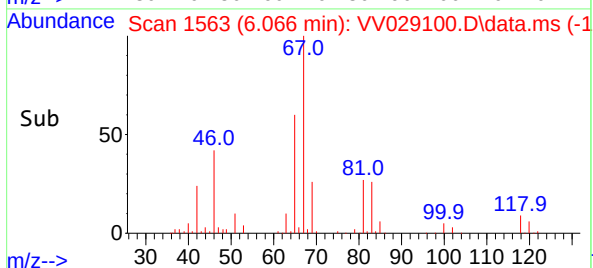
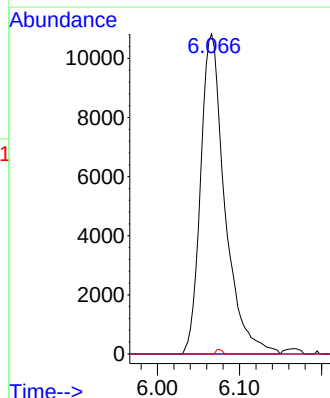
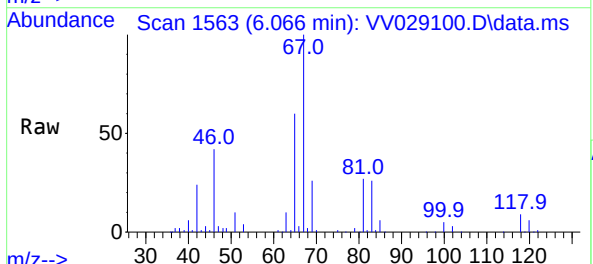
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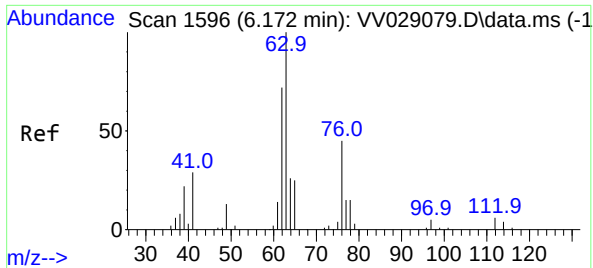
Tgt Ion: 95 Resp: 3869  
Ion Ratio Lower Upper  
95 100  
97 64.4 45.6 84.8  
132 107.5 69.1 128.3  
130 110.0 74.9 139.1



#35  
Methylcyclohexane  
Concen: 0.679 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.064 min  
Lab File: VV029100.D  
Acq: 18 Nov 2022 06:16

Tgt Ion: 83 Resp: 22237  
Ion Ratio Lower Upper  
83 100  
55 0.0 55.8 83.6#  
98 0.3 38.2 57.2#

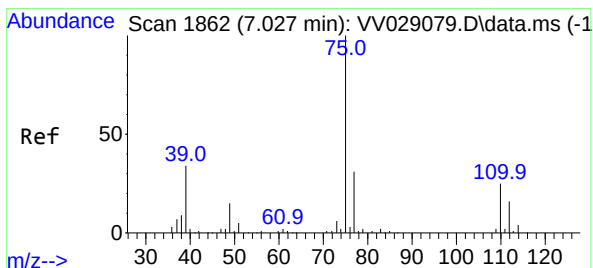
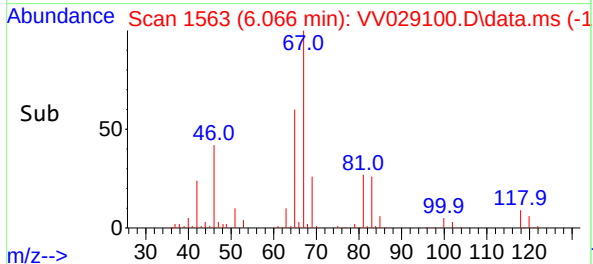
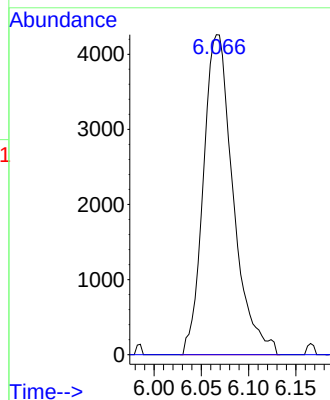
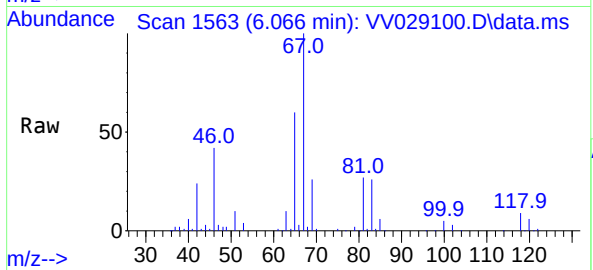




#37  
1,2-Dichloropropane  
Concen: 0.557 ug/L  
RT: 6.066 min Scan# 11  
Delta R.T. -0.106 min  
Lab File: VV029100.D  
Acq: 18 Nov 2022 06:16

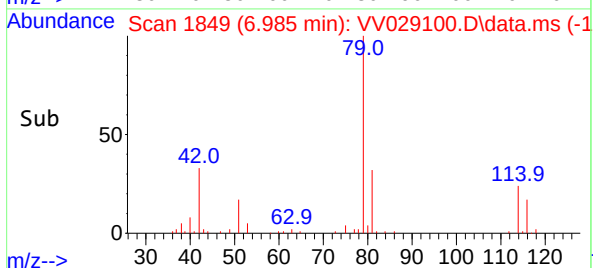
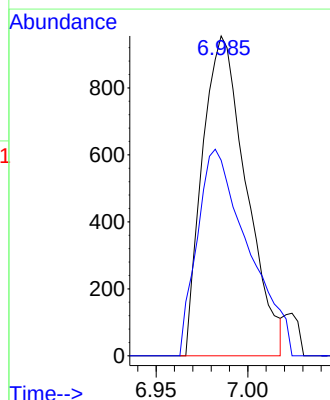
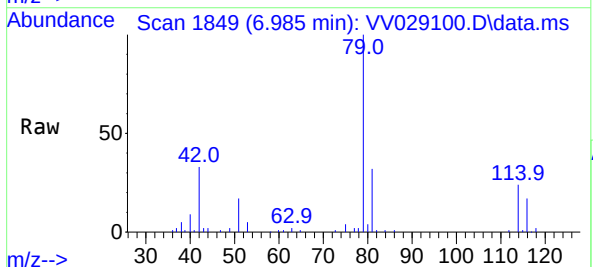
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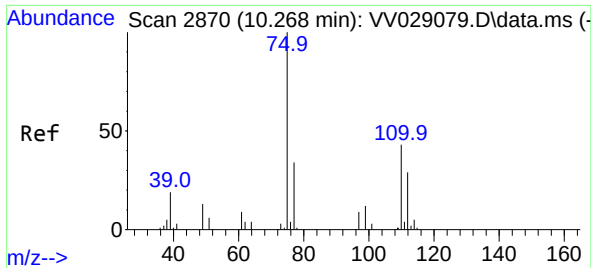
Tgt Ion: 63 Resp: 9348  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.0 6.0#



#39  
cis-1,3-Dichloropropene  
Concen: 0.068 ug/L  
RT: 6.985 min Scan# 1849  
Delta R.T. -0.042 min  
Lab File: VV029100.D  
Acq: 18 Nov 2022 06:16

Tgt Ion: 75 Resp: 1586  
Ion Ratio Lower Upper  
75 100  
77 61.2 21.8 40.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.409 ug/L  
 RT: 11.239 min Scan# 31  
 Delta R.T. 0.971 min  
 Lab File: VV029100.D  
 Acq: 18 Nov 2022 06:16

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Tgt Ion: 75 Resp: 10714  
 Ion Ratio Lower Upper  
 75 100  
 77 35.7 26.2 39.2  
 110 2.1 32.6 48.8#

