

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041724\  
 Data File : VV035267.D  
 Acq On : 17 Apr 2024 14:34  
 Operator : SY/MD  
 Sample : P2056-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 18 00:43:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR041524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 18 00:40:19 2024  
 Response via : Initial Calibration

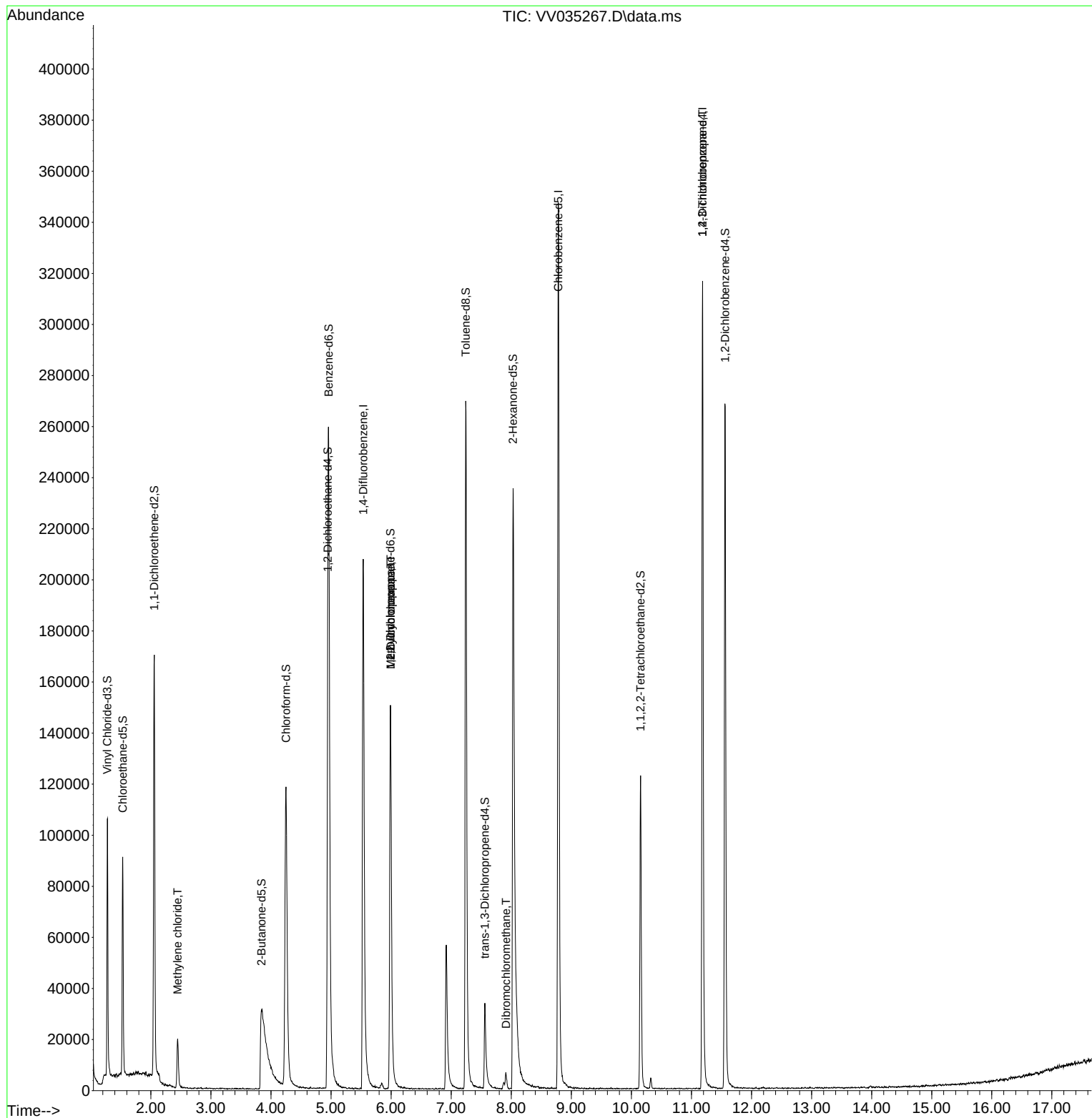
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 190535   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 200644   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 85610    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 65050    | 3.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 73.000%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 56629    | 4.085    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65    | 28736    | 3.797    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 76.000%  |
| 20) 2-Butanone-d5             | 3.841  | 46    | 137843   | 45.679   | ug/L   | 0.03     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.360%  |
| 24) Chloroform-d              | 4.249  | 84    | 133346   | 4.780    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 63613    | 4.791    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.800%  |
| 32) Benzene-d6                | 4.960  | 84    | 244748   | 4.294    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 80507    | 4.542    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.800%  |
| 41) Toluene-d8                | 7.243  | 98    | 196050   | 3.829    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.600%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 23394    | 3.698    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.000%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 99412    | 37.727   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 75.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    | 62551    | 4.581    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 73521    | 4.831    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.600%  |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 2.445  | 84    | 7965     | 0.437    | ug/L   | 94       |
| 35) Methylcyclohexane         | 5.992  | 83    | 19278    | 0.771    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 5.992  | 63    | 8810     | 0.528    | ug/L # | 88       |
| 49) Dibromochloromethane      | 7.911  | 129   | 1544     | 0.129    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75    | 10152    | 1.181    | ug/L # | 68       |

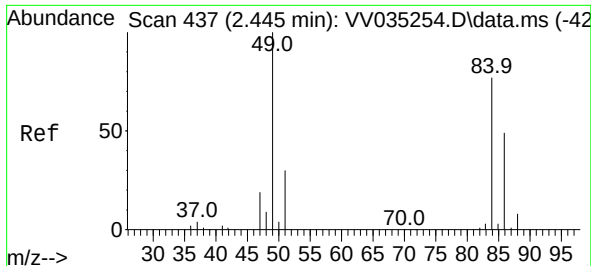
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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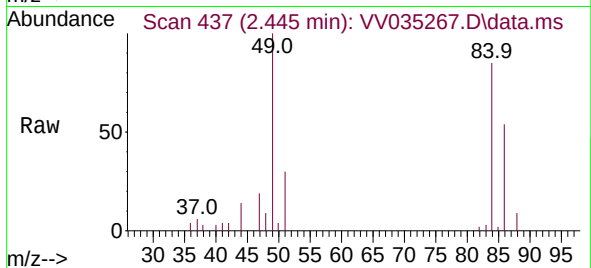
Quant Time: Apr 18 00:43:30 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR041524WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Apr 18 00:40:19 2024  
Response via : Initial Calibration



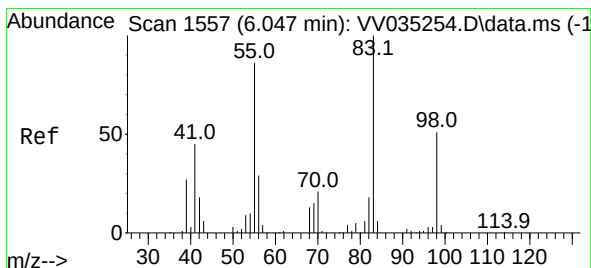
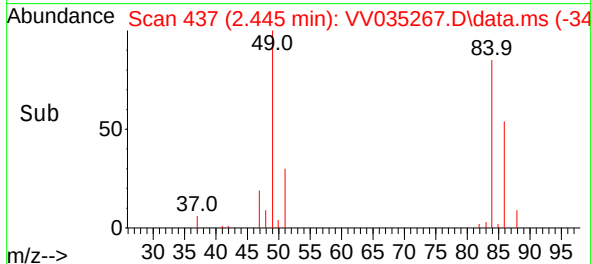
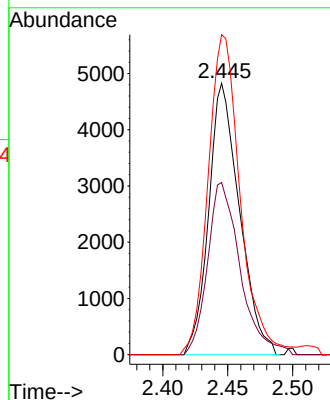


#16  
Methylene chloride  
Concen: 0.437 ug/L  
RT: 2.445 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV035267.D  
Acq: 17 Apr 2024 14:34

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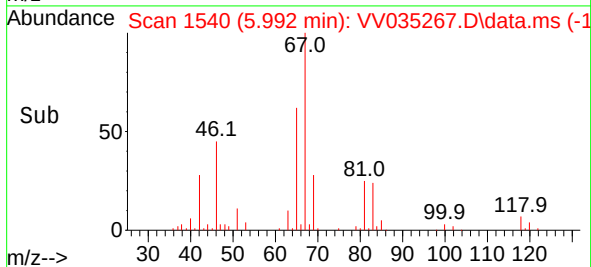
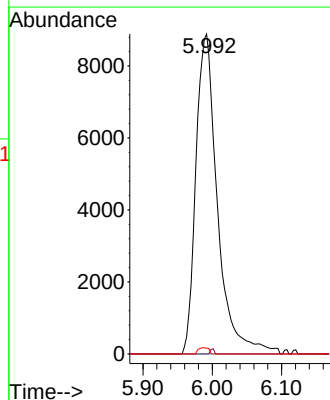
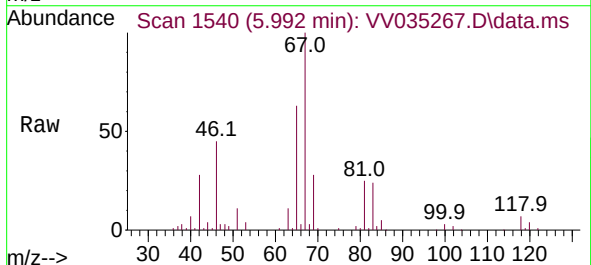


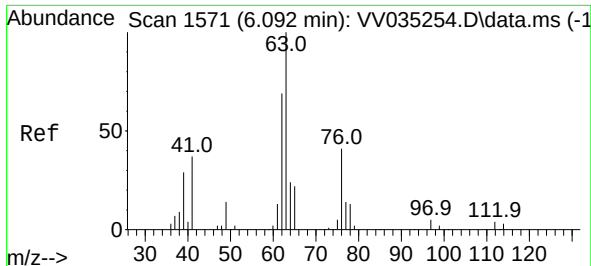
Tgt Ion: 84 Resp: 7965  
Ion Ratio Lower Upper  
84 100  
86 63.4 45.6 84.6  
49 117.9 89.5 166.1



#35  
Methylcyclohexane  
Concen: 0.771 ug/L  
RT: 5.992 min Scan# 1540  
Delta R.T. -0.055 min  
Lab File: VV035267.D  
Acq: 17 Apr 2024 14:34

Tgt Ion: 83 Resp: 19278  
Ion Ratio Lower Upper  
83 100  
55 0.3 63.8 95.6#  
98 0.9 37.4 56.2#

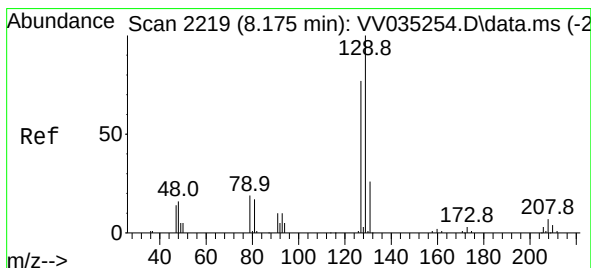
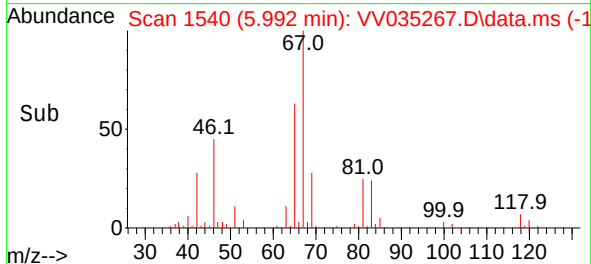
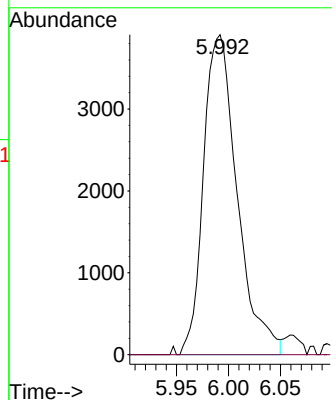
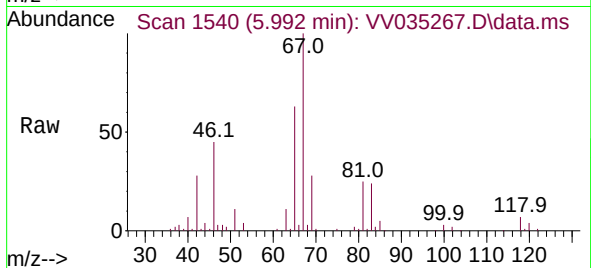




#37  
1,2-Dichloropropane  
Concen: 0.528 ug/L  
RT: 5.992 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VV035267.D  
Acq: 17 Apr 2024 14:34

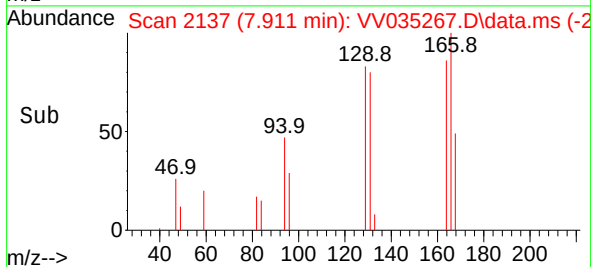
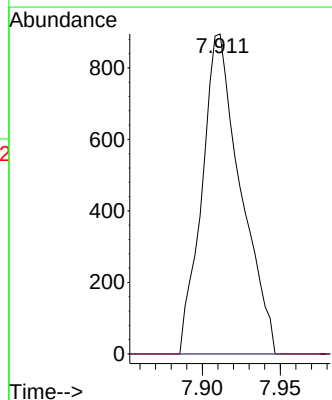
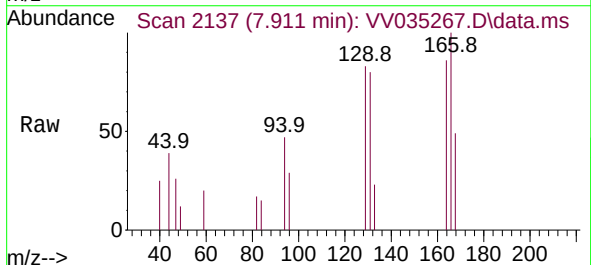
Instrument :  
MSVOA\_V  
ClientSampleId :

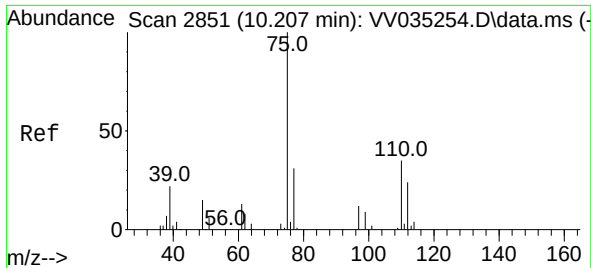
Tgt Ion: 63 Resp: 8810  
Ion Ratio Lower Upper  
63 100  
112 0.2 3.3 4.9#



#49  
Dibromochloromethane  
Concen: 0.129 ug/L  
RT: 7.911 min Scan# 2137  
Delta R.T. -0.264 min  
Lab File: VV035267.D  
Acq: 17 Apr 2024 14:34

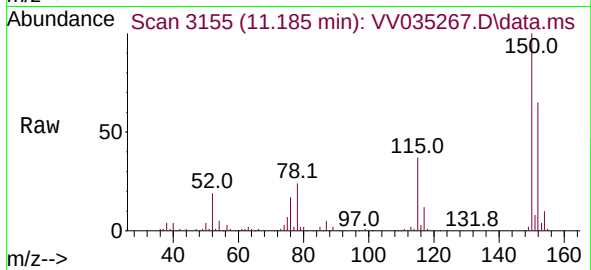
Tgt Ion: 129 Resp: 1544  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.2 102.6#





#61  
1,2,3-Trichloropropane  
Concen: 1.181 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.977 min  
Lab File: VV035267.D  
Acq: 17 Apr 2024 14:34

Instrument :  
MSVOA\_V  
ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 10152       |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 32.1  | 25.3 37.9   |
| 110         | 1.7   | 29.6 44.4#  |

