

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102221\  
 Data File : VV022986.D  
 Acq On : 22 Oct 2021 14:52  
 Operator : SY/MD  
 Sample : M4137-20  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 23 01:28:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 23 01:14:46 2021  
 Response via : Initial Calibration

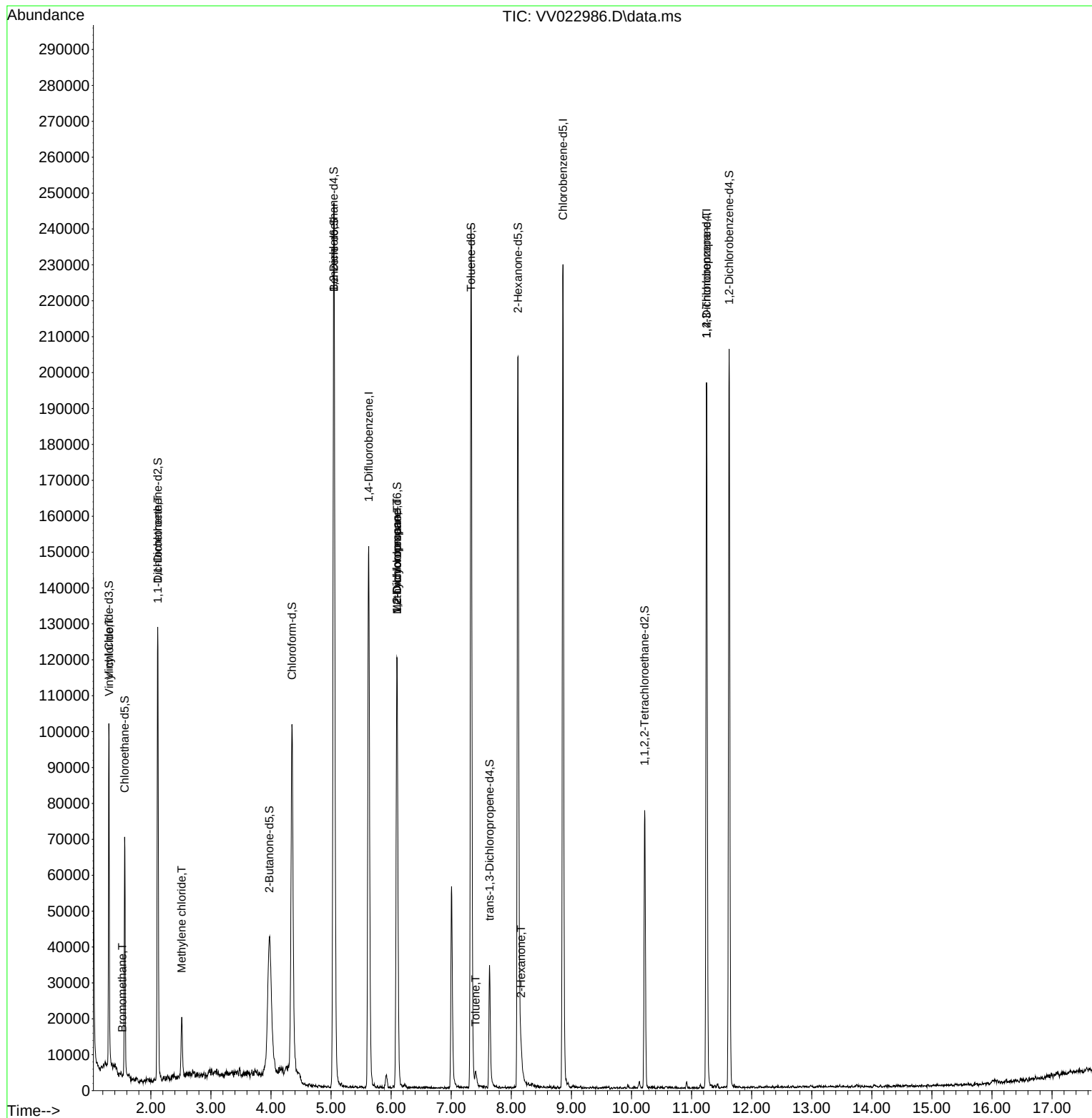
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.625     | 114            | 132443   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.860     | 117            | 128737   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152            | 53282    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.301     | 65             | 57843    | 4.998      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 100.000% |        |          |
| 7) Chloroethane-d5            | 1.564     | 69             | 39128    | 5.466      | ug/L   | -0.01    |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 109.400% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.114     | 63             | 64489    | 3.863      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 77.200%  |        |          |
| 20) 2-Butanone-d5             | 3.973     | 46             | 104739   | 56.418     | ug/L   | 0.01     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 112.840% |        |          |
| 24) Chloroform-d              | 4.349     | 84             | 91467    | 4.862      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 97.200%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.043     | 65             | 46946    | 5.293      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 105.800% |        |          |
| 32) Benzene-d6                | 5.047     | 84             | 199743   | 5.314      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 106.200% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.098     | 67             | 60476    | 5.227      | ug/L   | 0.01     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 104.600% |        |          |
| 41) Toluene-d8                | 7.329     | 98             | 157420   | 4.663      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 93.200%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.638     | 79             | 19530    | 4.818      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 96.400%  |        |          |
| 46) 2-Hexanone-d5             | 8.108     | 63             | 67967    | 45.285     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 90.560%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220    | 84             | 36993    | 4.630      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 92.600%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625    | 152            | 54428    | 5.725      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 114.600% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 5) Vinyl chloride             | 1.304     | 62             | 437      | 0.047      | ug/L # | 1        |
| 6) Bromomethane               | 1.523     | 94             | 460      | 0.097      | ug/L   | 92       |
| 12) 1,1-Dichloroethene        | 2.117     | 96             | 670      | 0.099      | ug/L # | 1        |
| 16) Methylene chloride        | 2.513     | 84             | 6247     | 0.839      | ug/L   | 82       |
| 35) Methylcyclohexane         | 6.098     | 83             | 14227    | 1.142      | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.095     | 63             | 6462     | 0.740      | ug/L # | 83       |
| 42) Toluene                   | 7.407     | 91             | 2516     | 0.072      | ug/L   | 97       |
| 48) 2-Hexanone                | 8.162     | 43             | 4629     | 1.517      | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 11.249    | 75             | 5733     | 1.529      | ug/L # | 66       |
| -----                         |           |                |          |            |        |          |

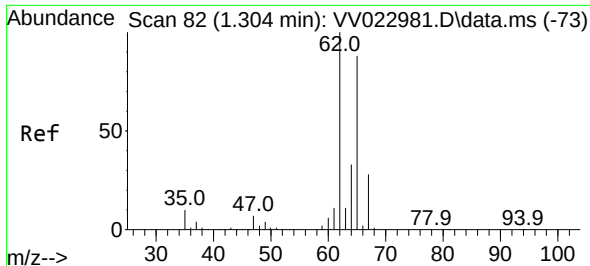
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 23 01:28:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Oct 23 01:14:46 2021  
Response via : Initial Calibration

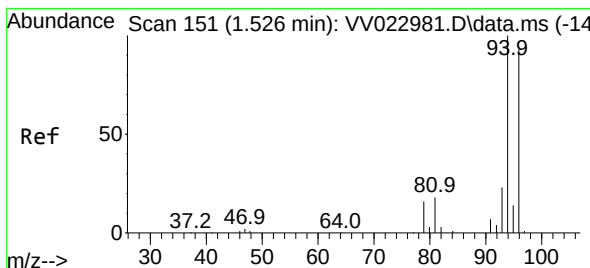
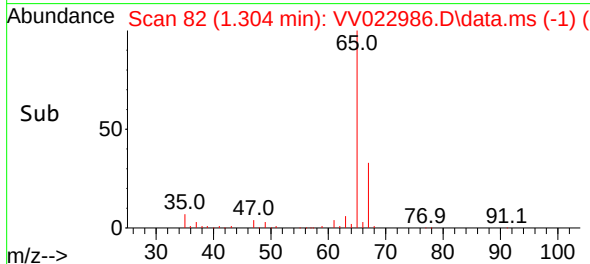
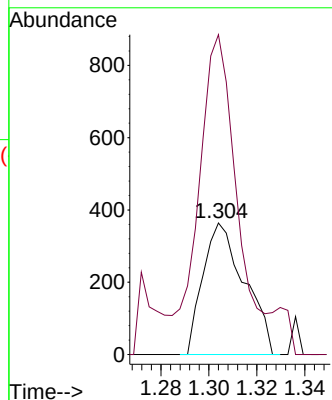
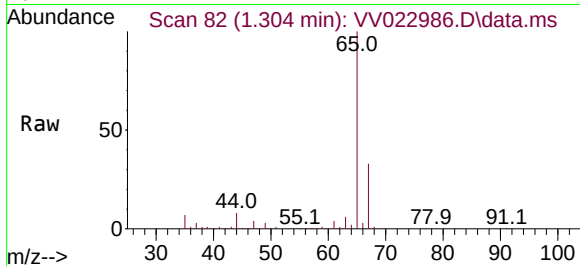




#5  
 Vinyl chloride  
 Concen: 0.047 ug/L  
 RT: 1.304 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VV022986.D  
 Acq: 22 Oct 2021 14:52

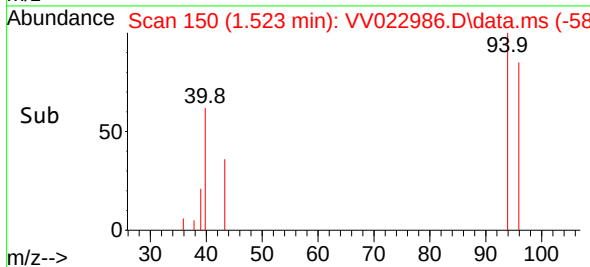
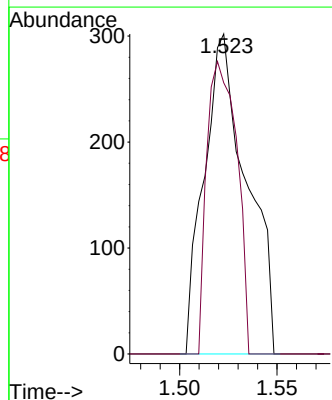
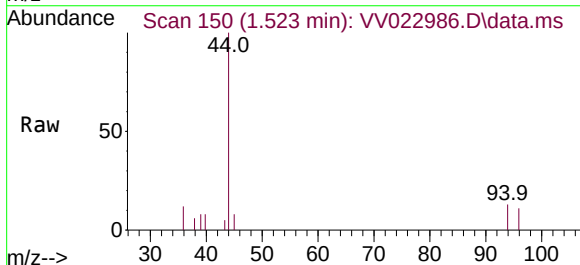
Instrument :  
 MSVOA\_V  
 ClientSampleId :

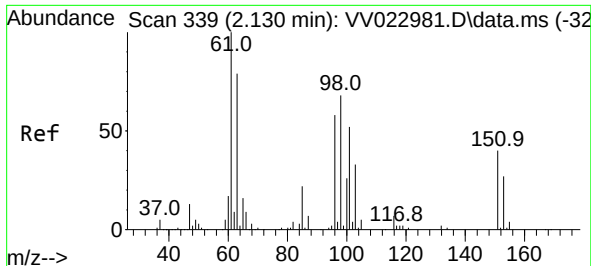
Tgt Ion: 62 Resp: 437  
 Ion Ratio Lower Upper  
 62 100  
 64 243.1 23.1 42.9#



#6  
 Bromomethane  
 Concen: 0.097 ug/L  
 RT: 1.523 min Scan# 150  
 Delta R.T. -0.003 min  
 Lab File: VV022986.D  
 Acq: 22 Oct 2021 14:52

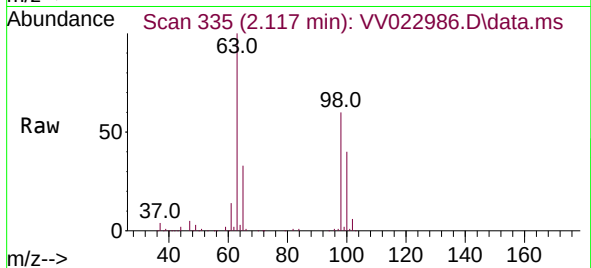
Tgt Ion: 94 Resp: 460  
 Ion Ratio Lower Upper  
 94 100  
 96 84.8 65.0 120.8



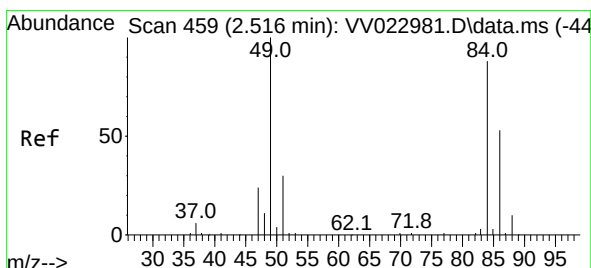
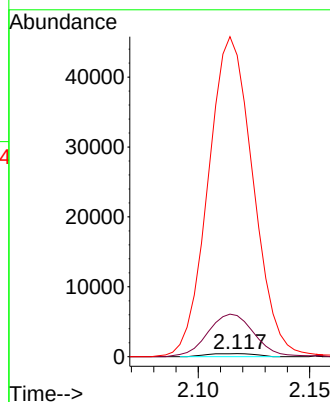
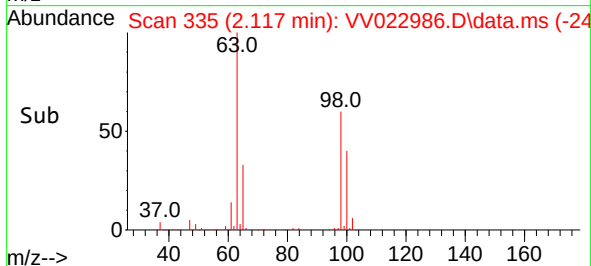


#12  
1,1-Dichloroethene  
Concen: 0.099 ug/L  
RT: 2.117 min Scan# 31  
Delta R.T. -0.013 min  
Lab File: VV022986.D  
Acq: 22 Oct 2021 14:52

Instrument :  
MSVOA\_V  
ClientSampleId :

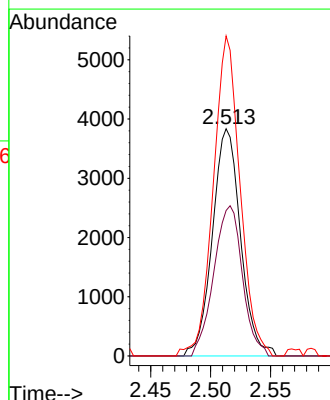
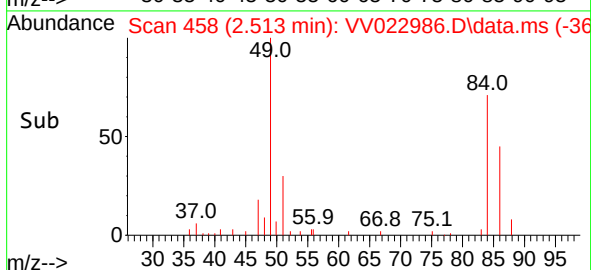
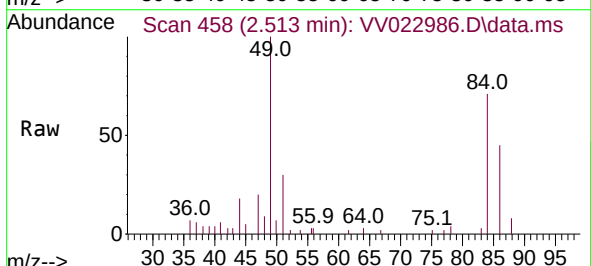


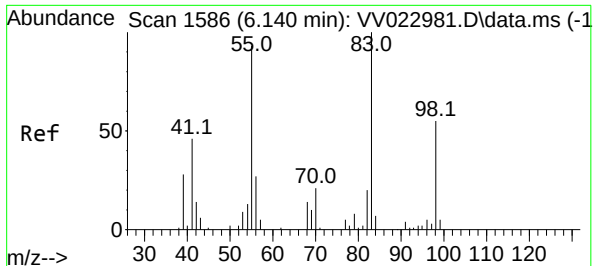
Tgt Ion: 96 Resp: 670  
Ion Ratio Lower Upper  
96 100  
61 1355.1 121.5 225.7#  
63 9937.3 99.6 185.0#



#16  
Methylene chloride  
Concen: 0.839 ug/L  
RT: 2.513 min Scan# 458  
Delta R.T. -0.003 min  
Lab File: VV022986.D  
Acq: 22 Oct 2021 14:52

Tgt Ion: 84 Resp: 6247  
Ion Ratio Lower Upper  
84 100  
86 64.0 42.3 78.5  
49 140.8 79.7 148.1

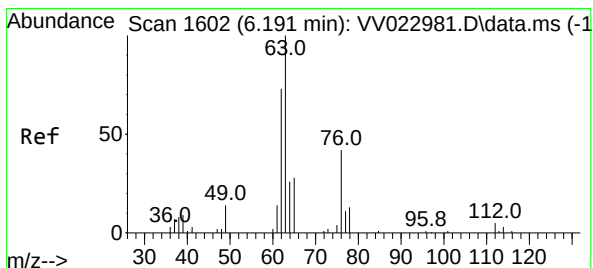
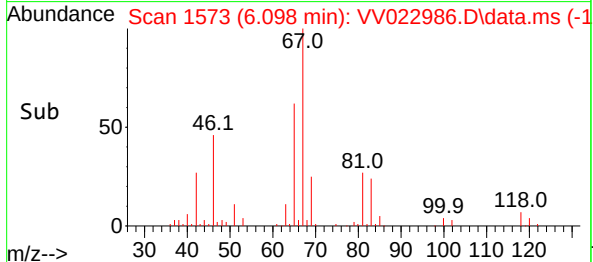
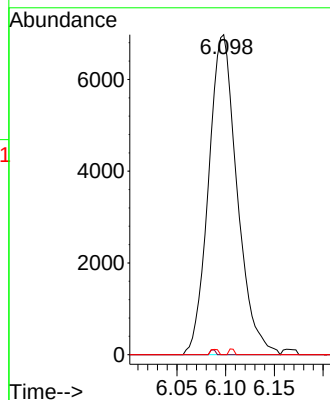
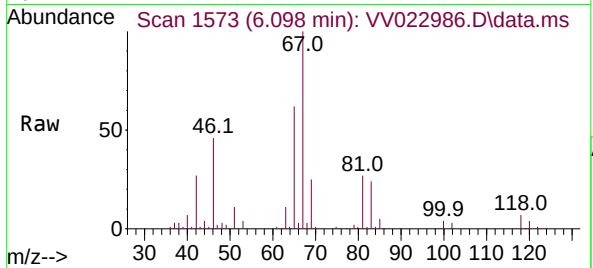




#35  
Methylcyclohexane  
Concen: 1.142 ug/L  
RT: 6.098 min Scan# 1573  
Delta R.T. -0.042 min  
Lab File: VV022986.D  
Acq: 22 Oct 2021 14:52

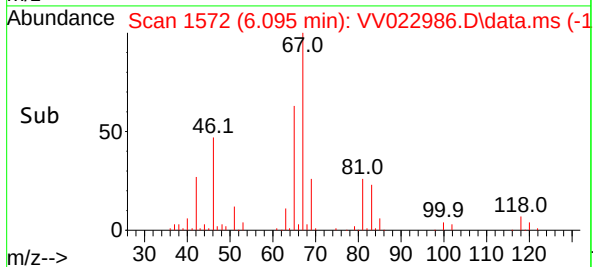
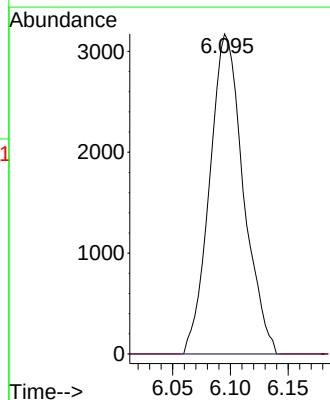
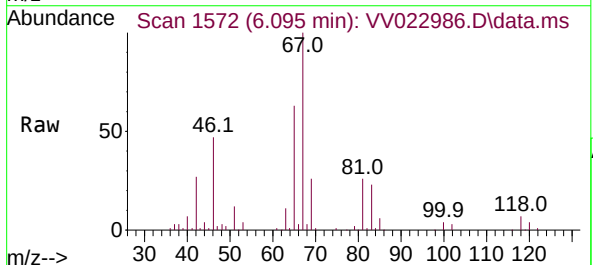
Instrument :  
MSVOA\_V  
ClientSampleId :

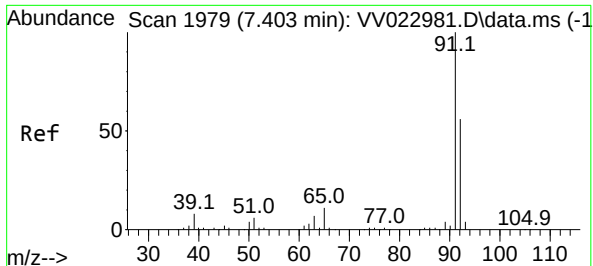
Tgt Ion: 83 Resp: 14227  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.8 94.2#  
98 0.3 37.9 56.9#



#37  
1,2-Dichloropropane  
Concen: 0.740 ug/L  
RT: 6.095 min Scan# 1572  
Delta R.T. -0.096 min  
Lab File: VV022986.D  
Acq: 22 Oct 2021 14:52

Tgt Ion: 63 Resp: 6462  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.6 6.8#

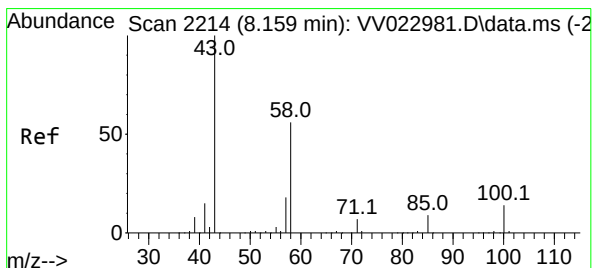
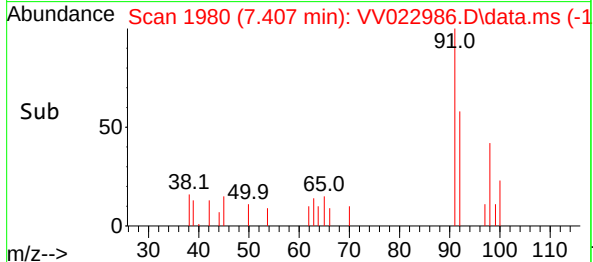
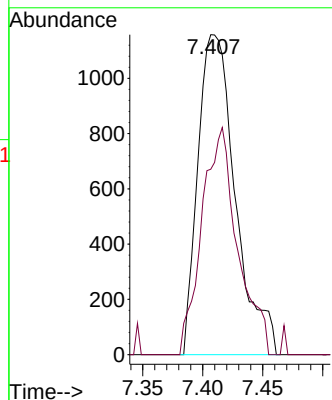
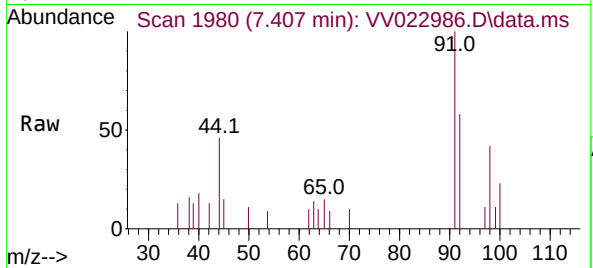




#42  
Toluene  
Concen: 0.072 ug/L  
RT: 7.407 min Scan# 1979  
Delta R.T. 0.003 min  
Lab File: VV022986.D  
Acq: 22 Oct 2021 14:52

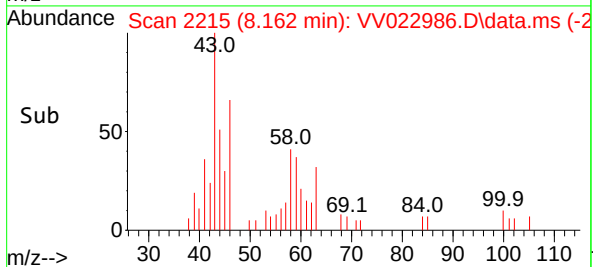
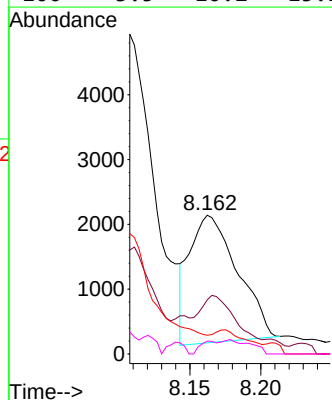
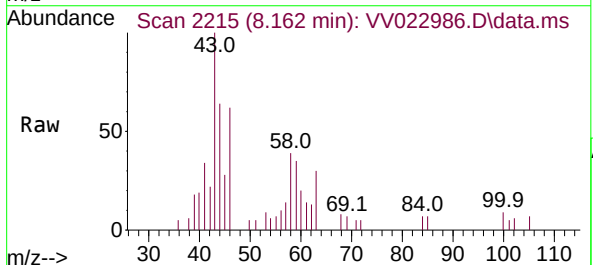
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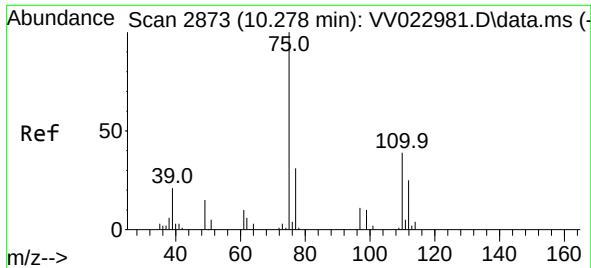
Tgt Ion: 91 Resp: 2516  
Ion Ratio Lower Upper  
91 100  
92 57.9 39.3 72.9



#48  
2-Hexanone  
Concen: 1.517 ug/L  
RT: 8.162 min Scan# 2215  
Delta R.T. 0.003 min  
Lab File: VV022986.D  
Acq: 22 Oct 2021 14:52

Tgt Ion: 43 Resp: 4629  
Ion Ratio Lower Upper  
43 100  
58 42.9 43.7 65.5#  
57 0.0 14.1 21.1#  
100 3.5 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.529 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.971 min

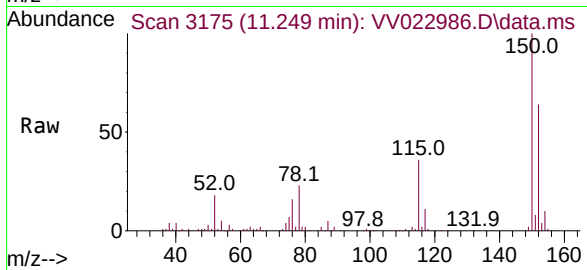
Lab File: VV022986.D

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Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 75 Resp: 5733

Ion Ratio Lower Upper

75 100

77 34.5 26.6 39.8

110 2.8 31.8 47.6#

