

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV112524\  
 Data File : VV038343.D  
 Acq On : 25 Nov 2024 14:51  
 Operator : SY/MD  
 Sample : P4884-02DL 4X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 26 00:44:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 26 00:39:03 2024  
 Response via : Initial Calibration

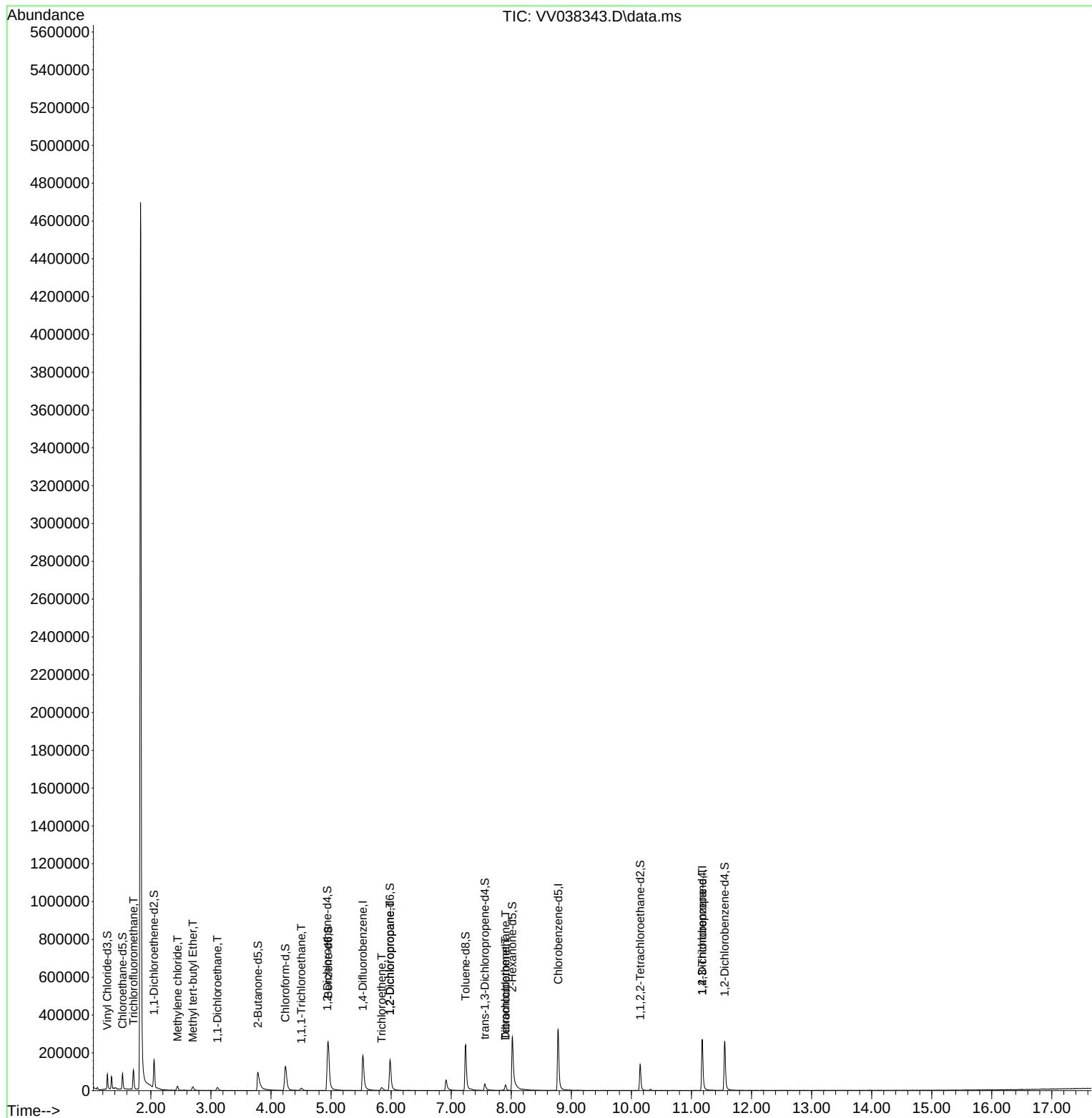
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114            | 176759   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117            | 195059   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152            | 79201    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65             | 50108    | 3.699  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 74.000%  |          |
| 7) Chloroethane-d5            | 1.529  | 69             | 53857    | 4.914  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 98.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65             | 23093    | 3.961  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 79.200%  |          |
| 20) 2-Butanone-d5             | 3.780  | 46             | 153922   | 56.792 | ug/L     | -0.03    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 113.580% |          |
| 24) Chloroform-d              | 4.239  | 84             | 145182   | 5.522  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 110.400% |          |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65             | 71463    | 6.057  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 121.200% |          |
| 32) Benzene-d6                | 4.953  | 84             | 241221   | 4.785  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67             | 84240    | 5.430  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 108.600% |          |
| 41) Toluene-d8                | 7.239  | 98             | 177447   | 3.804  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 76.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 24912    | 4.319  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 86.400%  |          |
| 46) 2-Hexanone-d5             | 8.017  | 63             | 108348   | 48.327 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 96.660%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84             | 70570    | 5.359  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 107.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152            | 74449    | 5.517  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 110.400% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 9) Trichlorofluoromethane     | 1.709  | 101            | 60549    | 2.607  | ug/L     | 98       |
| 16) Methylene chloride        | 2.442  | 84             | 9649     | 0.670  | ug/L     | 90       |
| 17) Methyl tert-butyl Ether   | 2.699  | 73             | 16575    | 0.581  | ug/L #   | 88       |
| 19) 1,1-Dichloroethane        | 3.108  | 63             | 17122    | 0.709  | ug/L     | 96       |
| 29) 1,1,1-Trichloroethane     | 4.506  | 97             | 9802     | 0.419  | ug/L     | 92       |
| 34) Trichloroethene           | 5.844  | 95             | 5795     | 0.388  | ug/L     | 89       |
| 37) 1,2-Dichloropropane       | 5.982  | 63             | 8293     | 0.604  | ug/L #   | 87       |
| 47) Tetrachloroethene         | 7.902  | 164            | 7520     | 0.627  | ug/L     | 90       |
| 49) Dibromochloromethane      | 7.905  | 129            | 6907     | 0.569  | ug/L #   | 11       |
| 61) 1,2,3-Trichloropropane    | 11.178 | 75             | 9217     | 1.359  | ug/L #   | 59       |
| -----                         |        |                |          |        |          |          |

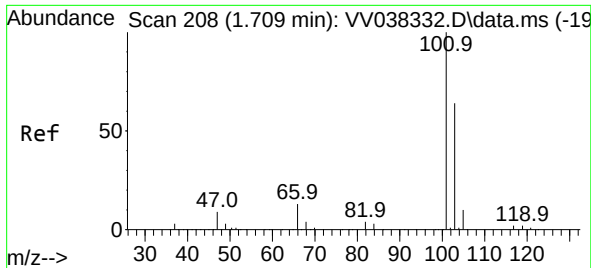
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 00:39:03 2024  
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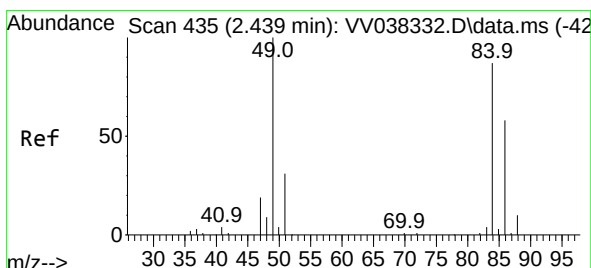
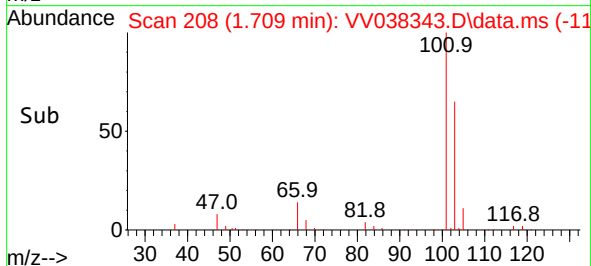
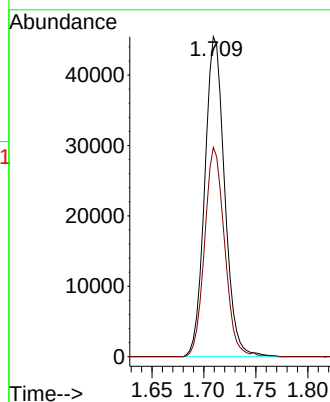
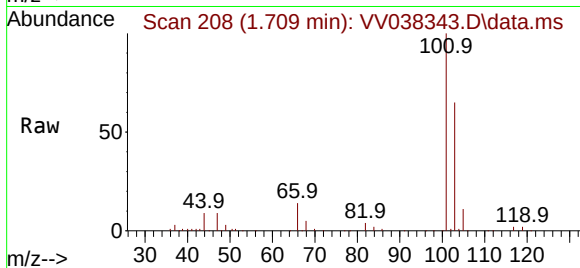




#9  
Trichlorofluoromethane  
Concen: 2.607 ug/L  
RT: 1.709 min Scan# 208  
Delta R.T. -0.000 min  
Lab File: VV038343.D  
Acq: 25 Nov 2024 14:51

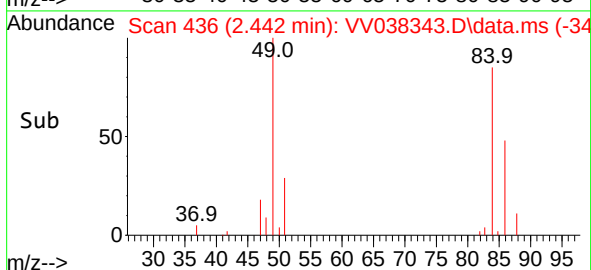
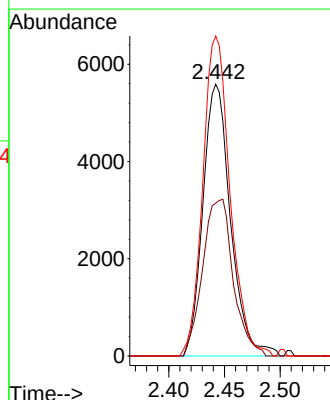
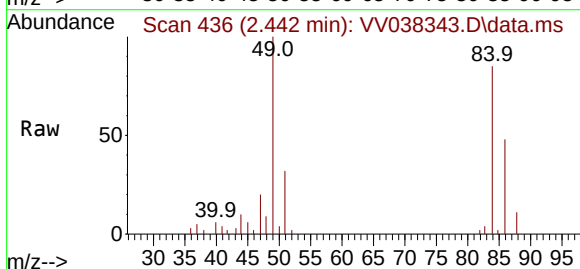
Instrument :  
MSVOA\_V  
ClientSampleId :

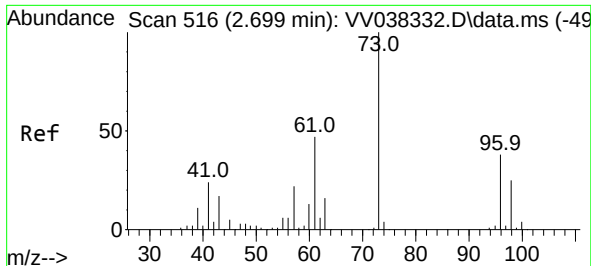
Tgt Ion:101 Resp: 60549  
Ion Ratio Lower Upper  
101 100  
103 65.7 51.5 77.3



#16  
Methylene chloride  
Concen: 0.670 ug/L  
RT: 2.442 min Scan# 436  
Delta R.T. 0.003 min  
Lab File: VV038343.D  
Acq: 25 Nov 2024 14:51

Tgt Ion: 84 Resp: 9649  
Ion Ratio Lower Upper  
84 100  
86 56.2 44.2 82.2  
49 117.7 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.581 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV038343.D

Acq: 25 Nov 2024 14:51

Instrument :

MSVOA\_V

ClientSampleId :

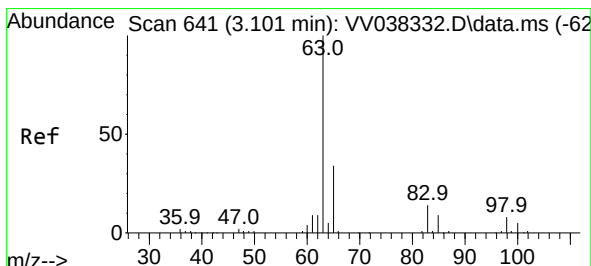
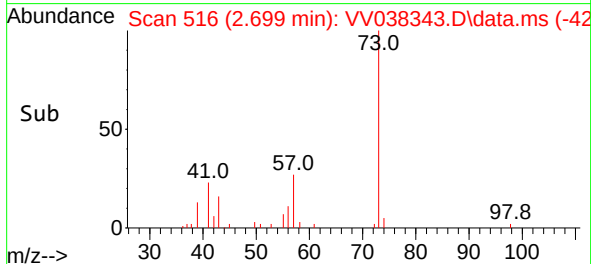
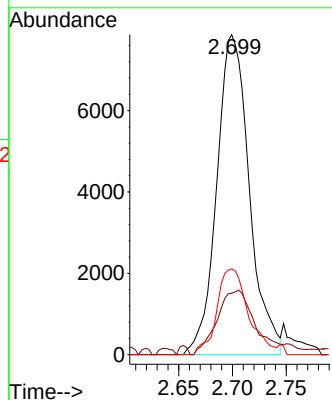
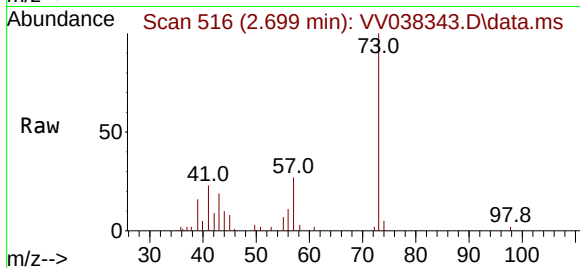
Tgt Ion: 73 Resp: 16575

Ion Ratio Lower Upper

73 100

43 25.0 14.2 21.2#

57 26.0 17.6 26.4



#19

1,1-Dichloroethane

Concen: 0.709 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.006 min

Lab File: VV038343.D

Acq: 25 Nov 2024 14:51

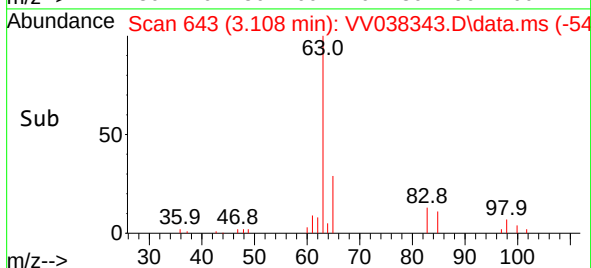
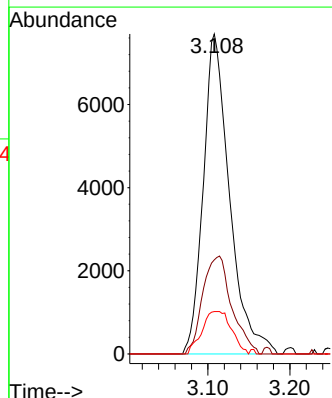
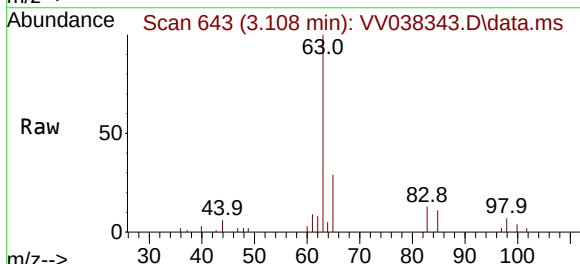
Tgt Ion: 63 Resp: 17122

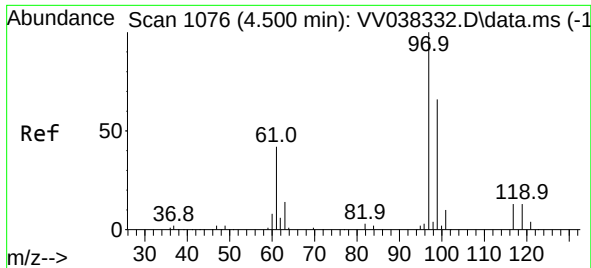
Ion Ratio Lower Upper

63 100

65 29.4 22.5 41.7

83 13.3 10.1 18.9

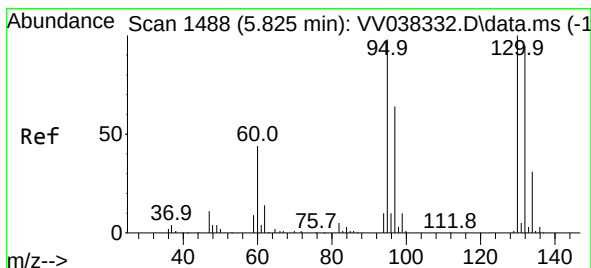
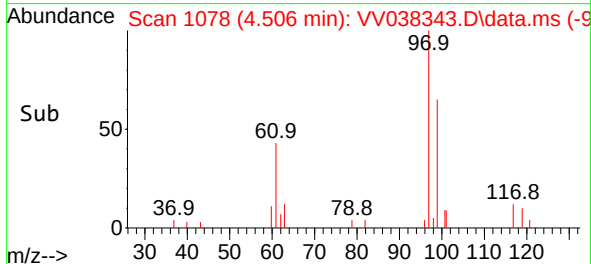
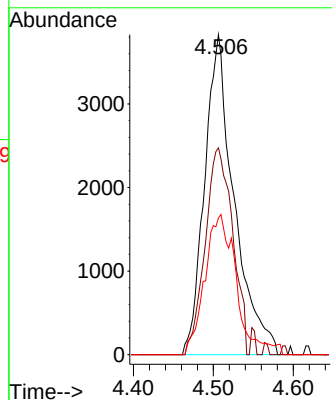
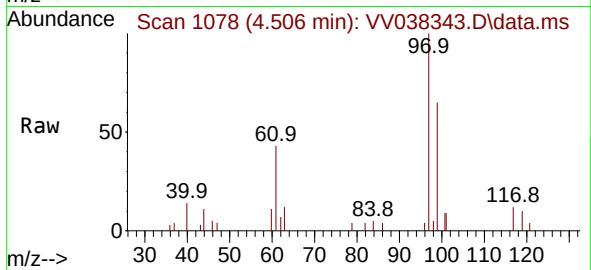




#29  
1,1,1-Trichloroethane  
Concen: 0.419 ug/L  
RT: 4.506 min Scan# 1076  
Delta R.T. 0.006 min  
Lab File: VV038343.D  
Acq: 25 Nov 2024 14:51

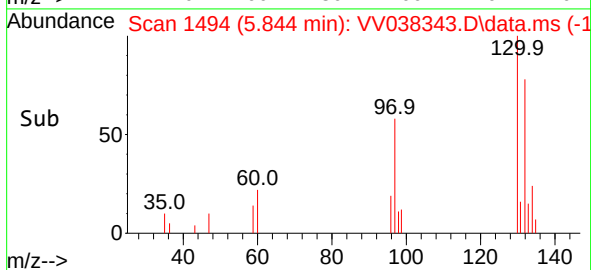
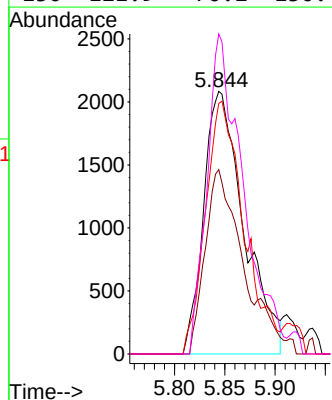
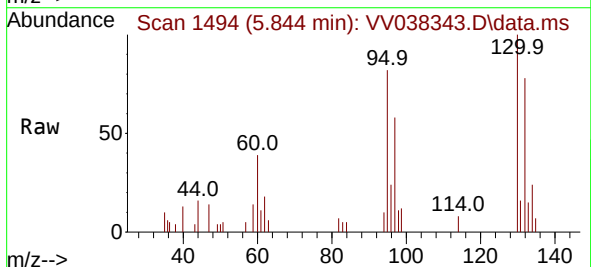
Instrument :  
MSVOA\_V  
ClientSampleId :

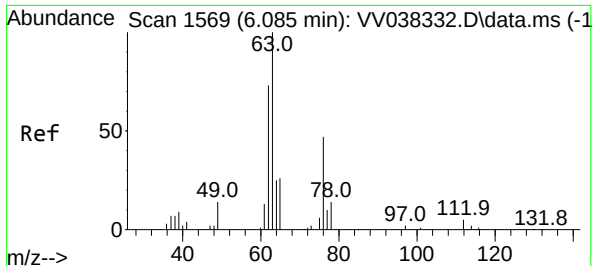
Tgt Ion: 97 Resp: 9802  
Ion Ratio Lower Upper  
97 100  
99 60.3 51.8 77.8  
61 46.9 32.2 48.2



#34  
Trichloroethene  
Concen: 0.388 ug/L  
RT: 5.844 min Scan# 1494  
Delta R.T. 0.019 min  
Lab File: VV038343.D  
Acq: 25 Nov 2024 14:51

Tgt Ion: 95 Resp: 5795  
Ion Ratio Lower Upper  
95 100  
97 70.2 44.8 83.2  
132 95.4 68.3 126.8  
130 121.9 70.2 130.4

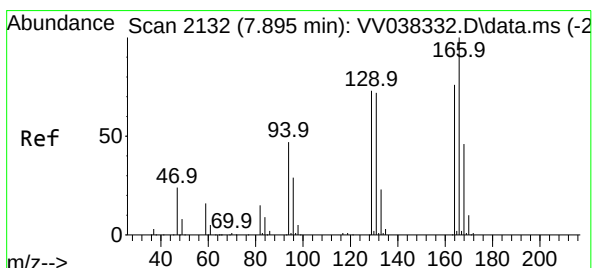
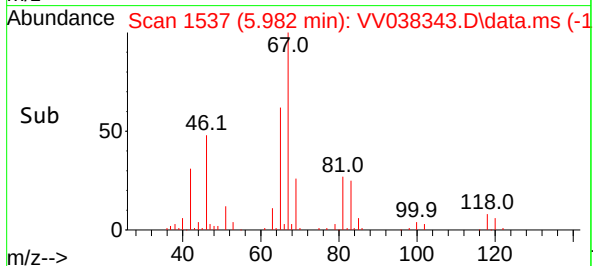
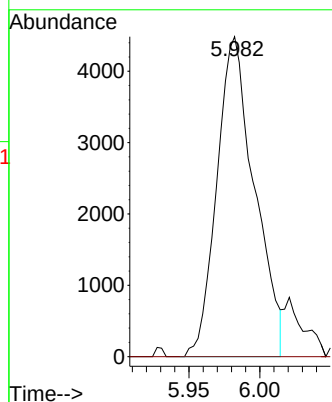
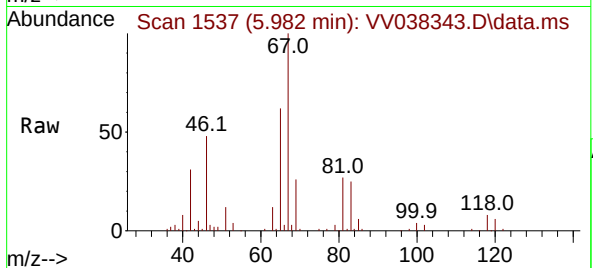




#37  
1,2-Dichloropropane  
Concen: 0.604 ug/L  
RT: 5.982 min Scan# 11  
Delta R.T. -0.103 min  
Lab File: VV038343.D  
Acq: 25 Nov 2024 14:51

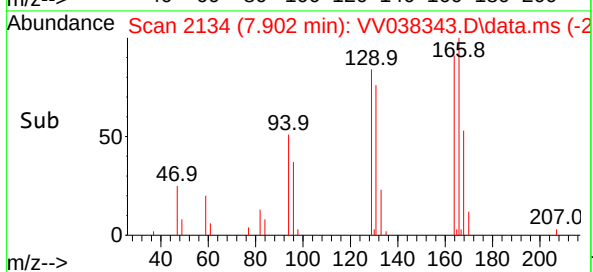
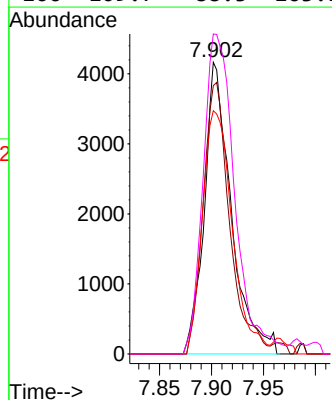
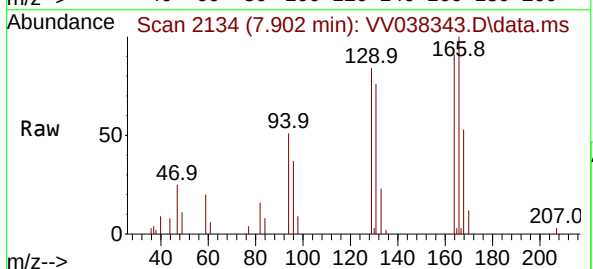
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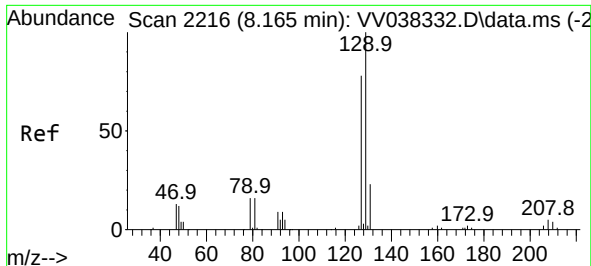
Tgt Ion: 63 Resp: 8293  
Ion Ratio Lower Upper  
63 100  
112 0.5 3.9 5.9#



#47  
Tetrachloroethene  
Concen: 0.627 ug/L  
RT: 7.902 min Scan# 2134  
Delta R.T. 0.006 min  
Lab File: VV038343.D  
Acq: 25 Nov 2024 14:51

Tgt Ion:164 Resp: 7520  
Ion Ratio Lower Upper  
164 100  
129 92.0 68.5 127.1  
131 83.4 64.8 120.4  
166 109.7 88.3 163.9





#49

Dibromochloromethane

Concen: 0.569 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.261 min

Lab File: VV038343.D

Acq: 25 Nov 2024 14:51

Instrument :

MSVOA\_V

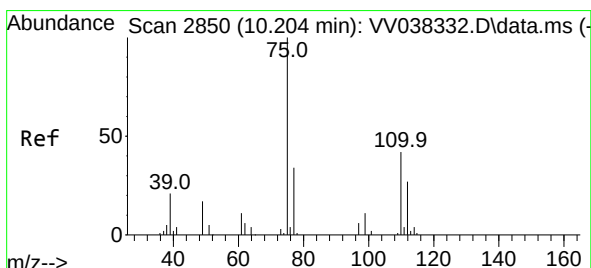
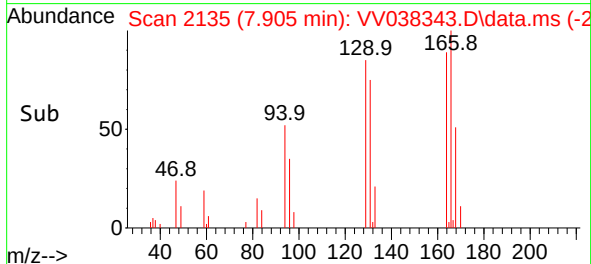
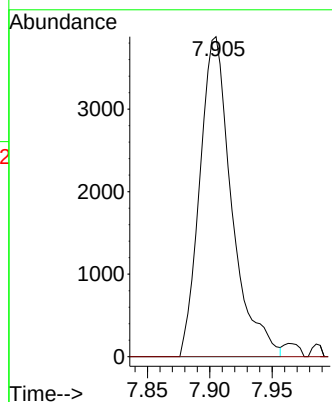
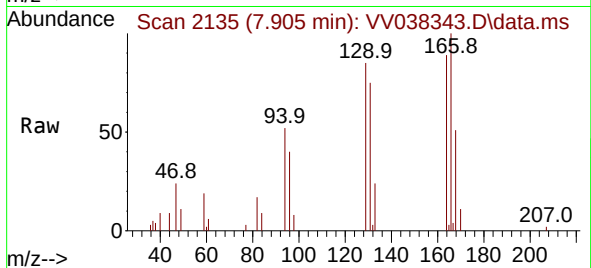
ClientSampleId :

Tgt Ion:129 Resp: 6907

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.359 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038343.D

Acq: 25 Nov 2024 14:51

Tgt Ion: 75 Resp: 9217

Ion Ratio Lower Upper

75 100

77 40.4 26.4 39.6#

110 0.9 32.3 48.5#

