

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041124\  
 Data File : VV035133.D  
 Acq On : 11 Apr 2024 18:56  
 Operator : SY/MD  
 Sample : P2056-05  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 12 01:22:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 12 01:20:53 2024  
 Response via : Initial Calibration

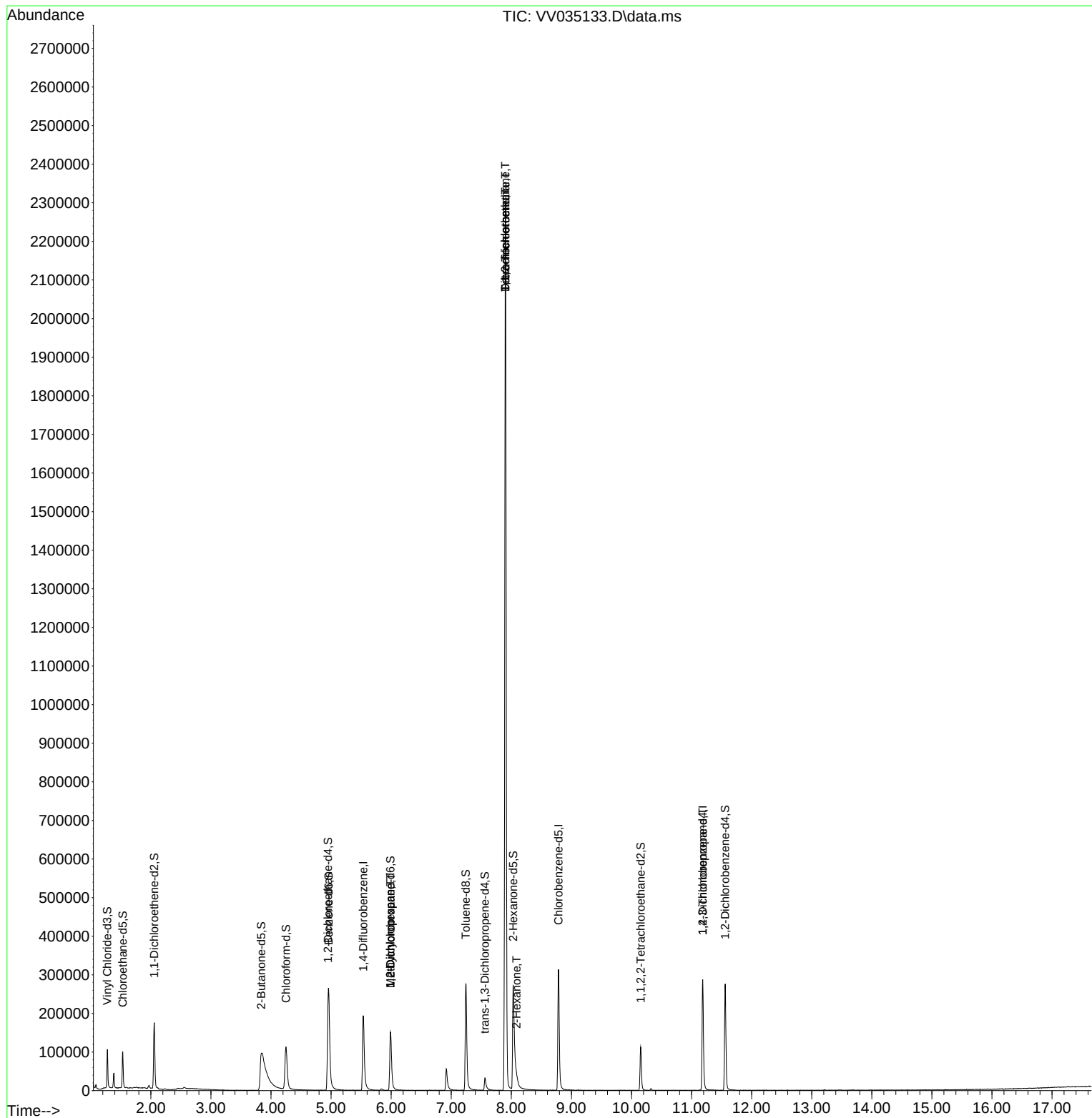
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 171067   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 177027   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 77588    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 60630    | 4.301    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.000%   |
| 7) Chloroethane-d5            | 1.532  | 69    | 60150    | 5.175    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 103.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65    | 29444    | 4.598    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.000%   |
| 20) 2-Butanone-d5             | 3.838  | 46    | 149029   | 67.560   | ug/L   | 0.03      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 135.120%# |
| 24) Chloroform-d              | 4.249  | 84    | 123412   | 5.410    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.200%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 65150    | 6.324    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 126.400%  |
| 32) Benzene-d6                | 4.960  | 84    | 244631   | 5.283    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.600%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 79442    | 5.845    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 117.000%  |
| 41) Toluene-d8                | 7.243  | 98    | 196201   | 4.664    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%   |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 22764    | 4.715    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 94.200%   |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 105629   | 63.744   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 127.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 57037    | 6.015    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 120.200%# |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 71831    | 5.878    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 117.600%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 35) Methylcyclohexane         | 5.989  | 83    | 18254    | 0.849    | ug/L # | 19        |
| 37) 1,2-Dichloropropane       | 5.989  | 63    | 8995     | 0.640    | ug/L # | 87        |
| 45) 1,1,2-Trichloroethane     | 7.899  | 97    | 4076     | 0.441    | ug/L # | 1         |
| 47) Tetrachloroethene         | 7.902  | 164   | 498403   | 46.978   | ug/L   | 98        |
| 48) 2-Hexanone                | 8.088  | 43    | 19920    | 4.162    | ug/L # | 91        |
| 49) Dibromochloromethane      | 7.902  | 129   | 448209   | 41.241   | ug/L # | 9         |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75    | 10252    | 1.415    | ug/L # | 65        |
| -----                         |        |       |          |          |        |           |

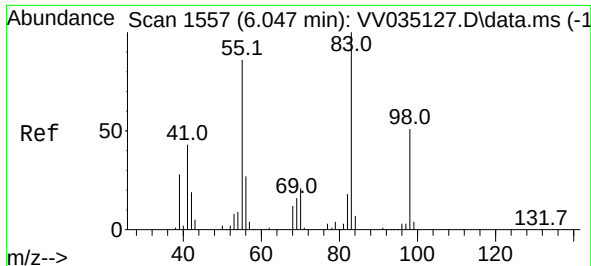
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035133.D

Acq: 11 Apr 2024 18:56

Instrument :

MSVOA\_V

ClientSampleId :

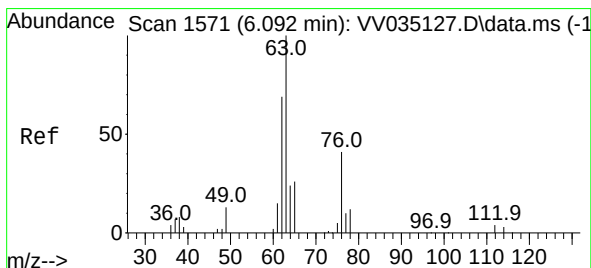
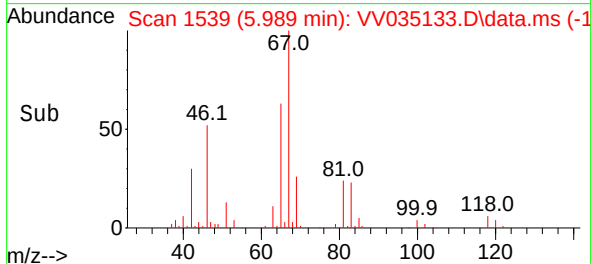
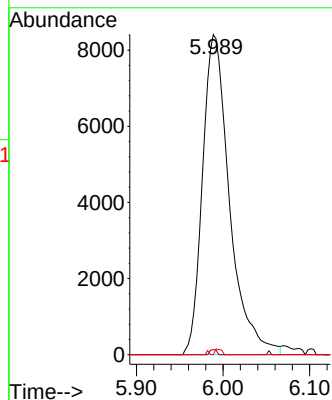
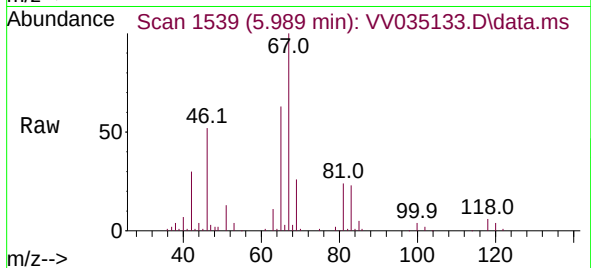
Tgt Ion: 83 Resp: 18254

Ion Ratio Lower Upper

83 100

55 0.4 60.6 91.0#

98 0.4 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV035133.D

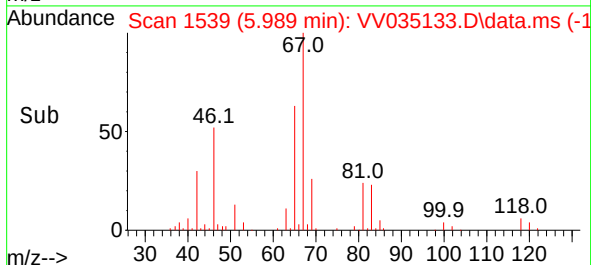
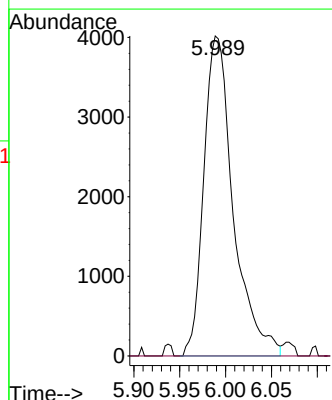
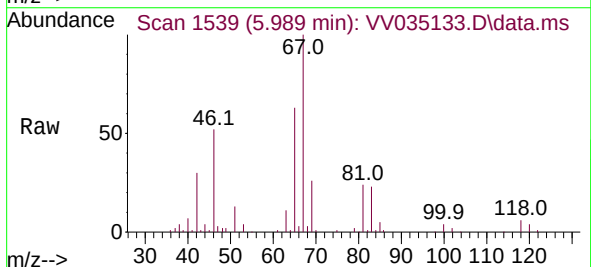
Acq: 11 Apr 2024 18:56

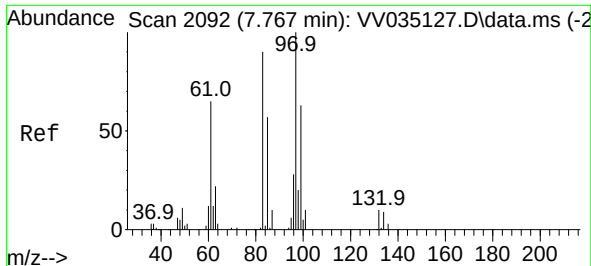
Tgt Ion: 63 Resp: 8995

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#45

1,1,2-Trichloroethane

Concen: 0.441 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.132 min

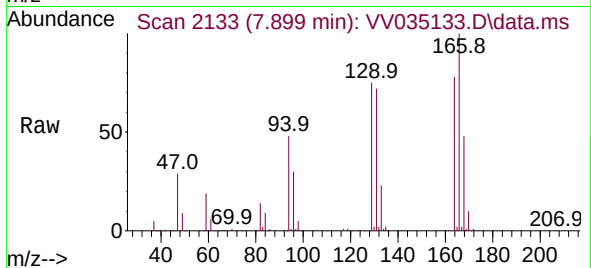
Lab File: VV035133.D

Acq: 11 Apr 2024 18:56

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 97 Resp: 4076

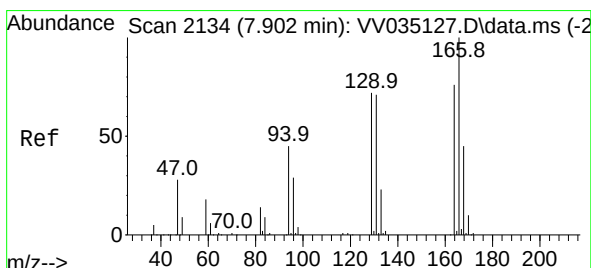
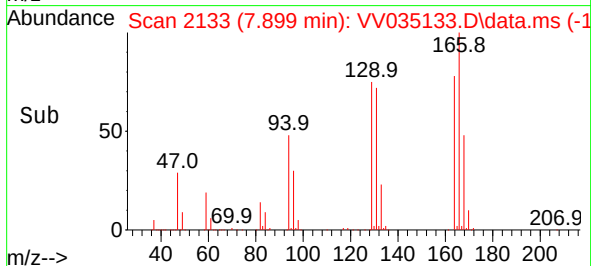
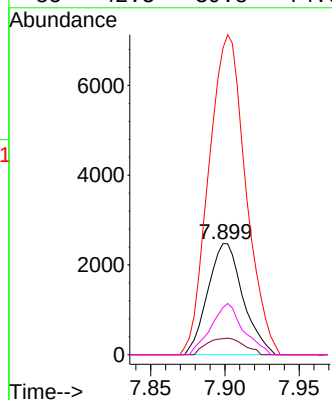
Ion Ratio Lower Upper

97 100

99 14.4 44.5 82.7#

83 275.8 63.2 117.4#

85 42.3 39.8 74.0



#47

Tetrachloroethene

Concen: 46.978 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV035133.D

Acq: 11 Apr 2024 18:56

Tgt Ion:164 Resp: 498403

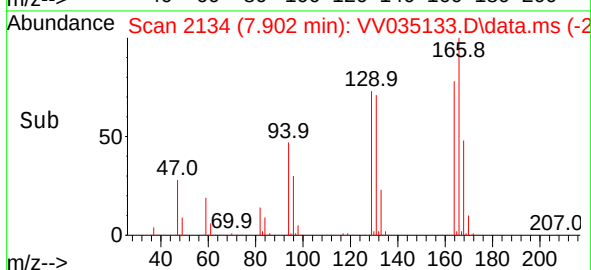
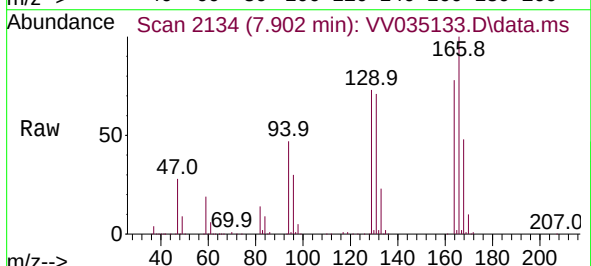
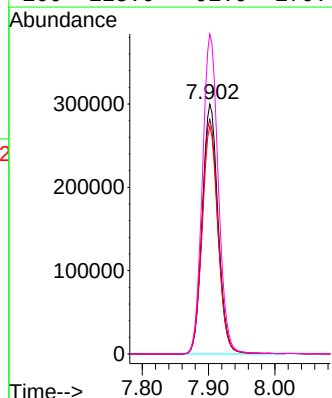
Ion Ratio Lower Upper

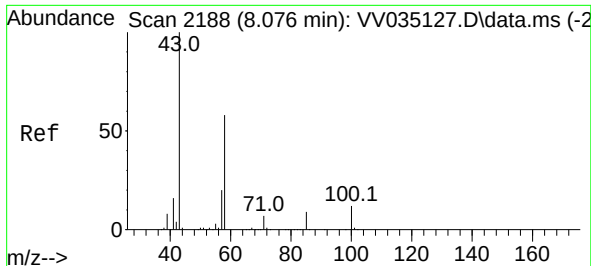
164 100

129 93.8 66.0 122.6

131 91.1 63.0 117.0

166 128.0 91.9 170.7





#48

2-Hexanone

Concen: 4.162 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.013 min

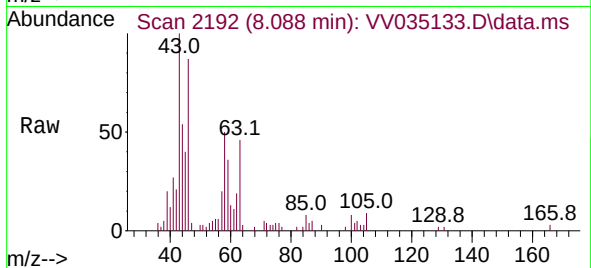
Lab File: VV035133.D

Acq: 11 Apr 2024 18:56

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 43 Resp: 19920

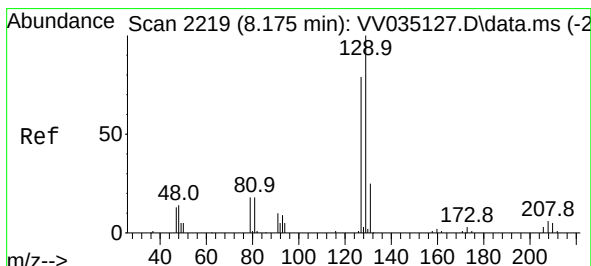
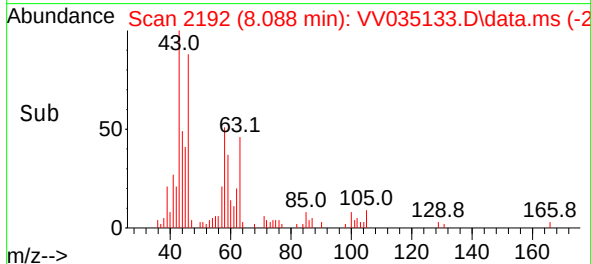
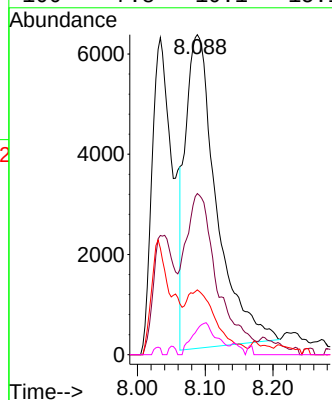
Ion Ratio Lower Upper

43 100

58 52.3 48.2 72.4

57 20.6 15.6 23.4

100 7.8 10.1 15.1#



#49

Dibromochloromethane

Concen: 41.241 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.273 min

Lab File: VV035133.D

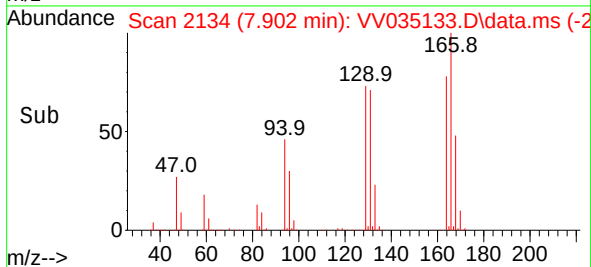
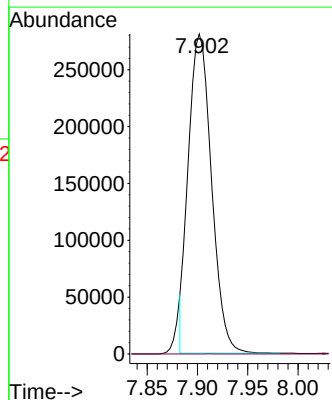
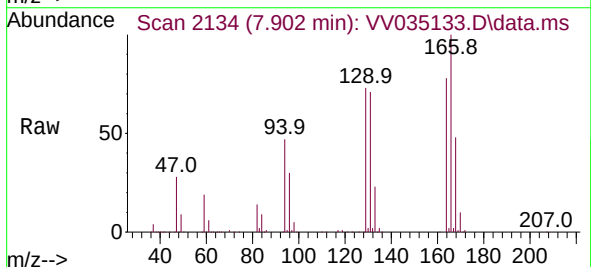
Acq: 11 Apr 2024 18:56

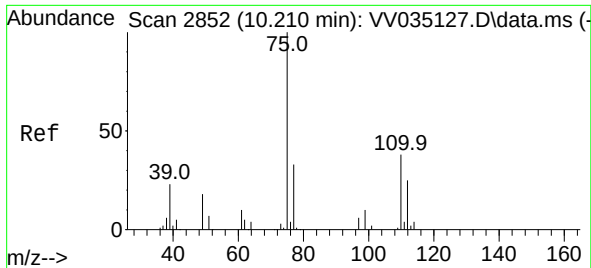
Tgt Ion:129 Resp: 448209

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#





#61

1,2,3-Trichloropropane

Concen: 1.415 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

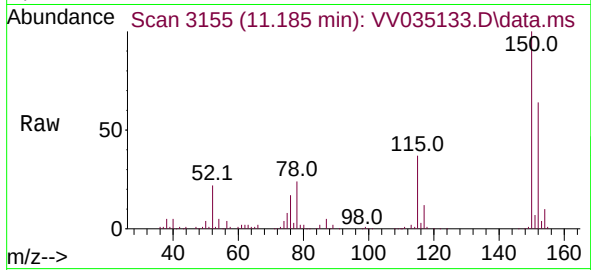
Lab File: VV035133.D

Acq: 11 Apr 2024 18:56

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 75 Resp: 10252

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

110 1.7 31.0 46.6#

