

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040324\  
 Data File : VV034954.D  
 Acq On : 03 Apr 2024 14:18  
 Operator : SY/MD  
 Sample : P1925-14 200X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 04 02:53:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 04 02:49:59 2024  
 Response via : Initial Calibration

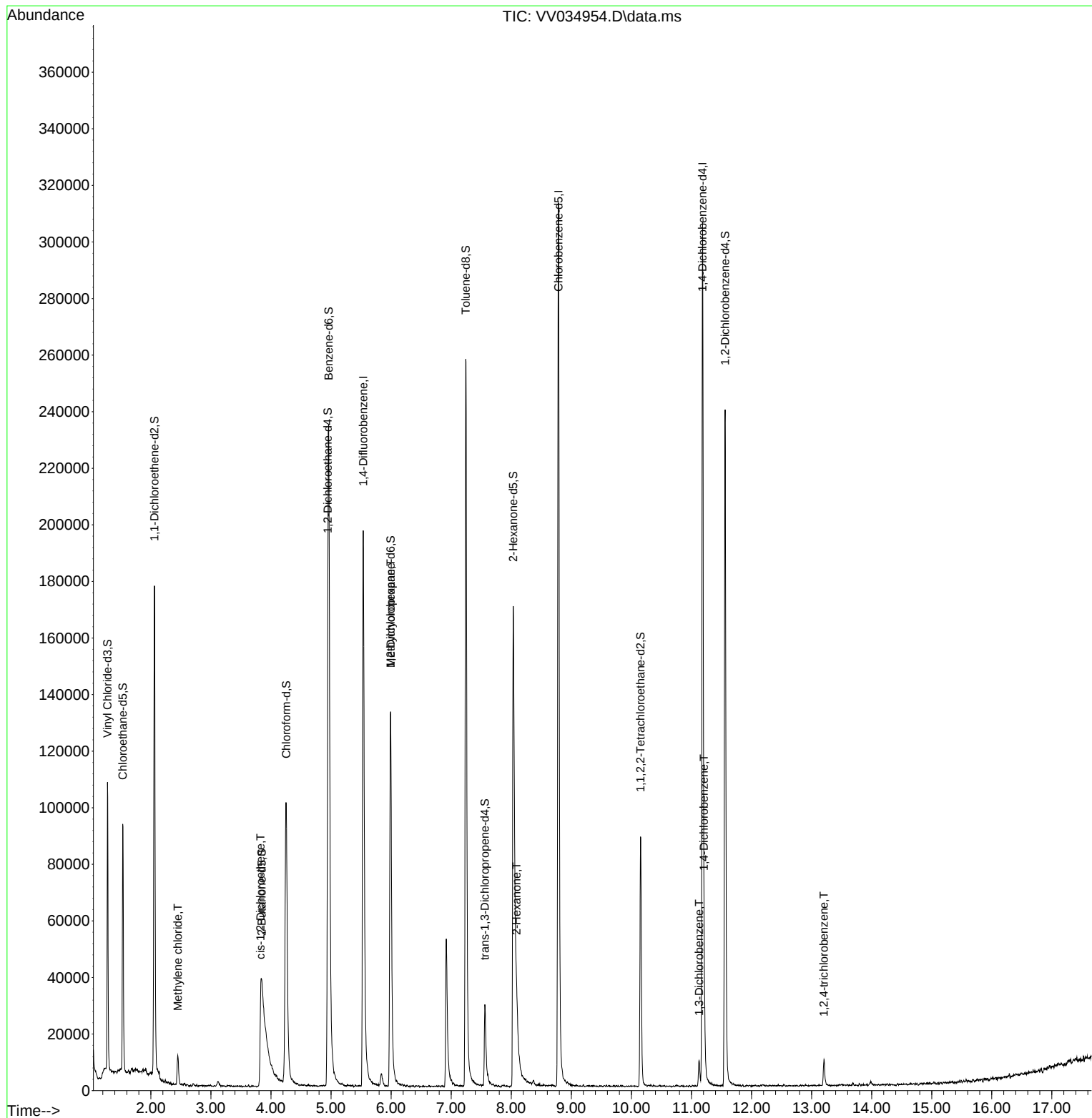
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 174802   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 175247   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 78587    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 64763    | 4.496    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.000%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 56282    | 4.739    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65    | 30120    | 4.603    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.000%  |
| 20) 2-Butanone-d5             | 3.847  | 46    | 98139    | 43.539   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 87.080%  |
| 24) Chloroform-d              | 4.252  | 84    | 111999   | 4.805    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.000%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 52920    | 5.027    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.600% |
| 32) Benzene-d6                | 4.960  | 84    | 224319   | 4.893    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 72104    | 5.359    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 107.200% |
| 41) Toluene-d8                | 7.243  | 98    | 184679   | 4.435    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.600%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 19999    | 4.184    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.600%  |
| 46) 2-Hexanone-d5             | 8.034  | 63    | 66926    | 40.798   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 81.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    | 45582    | 4.855    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 63504    | 5.130    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.449  | 84    | 4500     | 0.309    | ug/L   | 91       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96    | 6083     | 0.442    | ug/L   | 89       |
| 35) Methylcyclohexane         | 5.992  | 83    | 16495    | 0.775    | ug/L # | 19       |
| 48) 2-Hexanone                | 8.088  | 43    | 17765    | 3.749    | ug/L # | 89       |
| 64) 1,3-Dichlorobenzene       | 11.127 | 146   | 4085     | 0.163    | ug/L   | 88       |
| 65) 1,4-Dichlorobenzene       | 11.210 | 146   | 12985    | 0.517    | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.204 | 180   | 3238     | 0.221    | ug/L   | 99       |

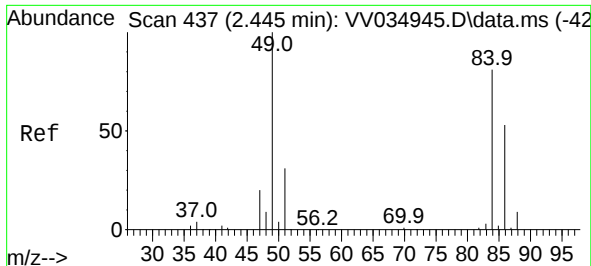
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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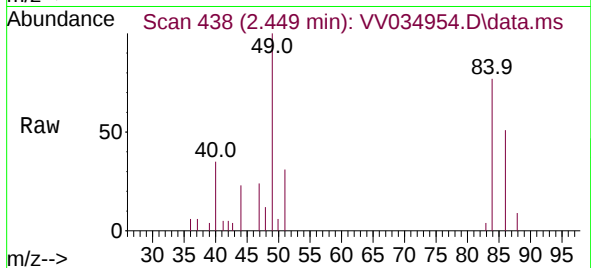
Quant Time: Apr 04 02:53:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Apr 04 02:49:59 2024  
Response via : Initial Calibration



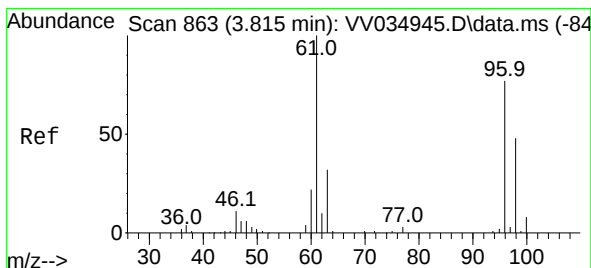
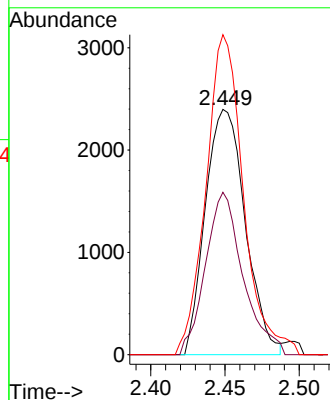
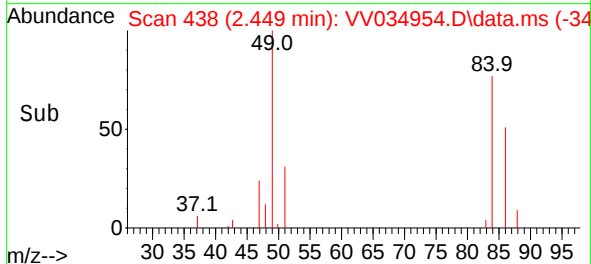


#16  
Methylene chloride  
Concen: 0.309 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV034954.D  
Acq: 03 Apr 2024 14:18

Instrument :  
MSVOA\_V  
ClientSampleId :

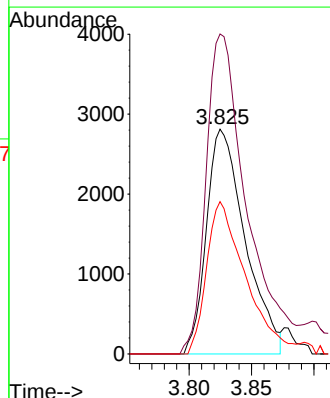
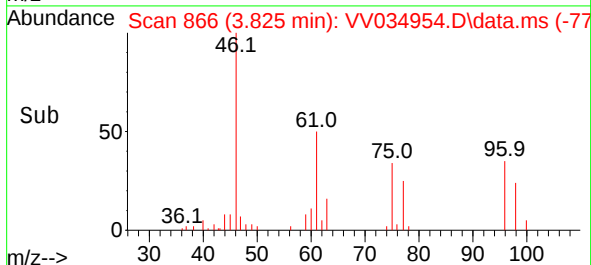
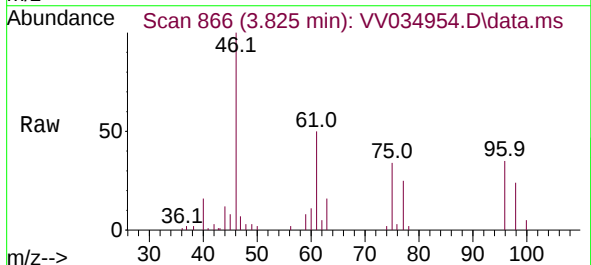


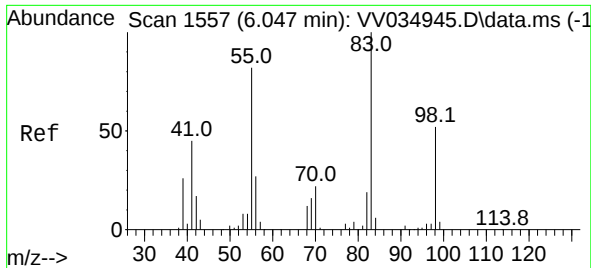
Tgt Ion: 84 Resp: 4500  
Ion Ratio Lower Upper  
84 100  
86 66.2 43.5 80.9  
49 130.5 82.5 153.3



#22  
cis-1,2-Dichloroethene  
Concen: 0.442 ug/L  
RT: 3.825 min Scan# 866  
Delta R.T. 0.010 min  
Lab File: VV034954.D  
Acq: 03 Apr 2024 14:18

Tgt Ion: 96 Resp: 6083  
Ion Ratio Lower Upper  
96 100  
61 142.3 90.3 167.7  
98 67.8 42.7 79.3





#35

Methylcyclohexane

Concen: 0.775 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV034954.D

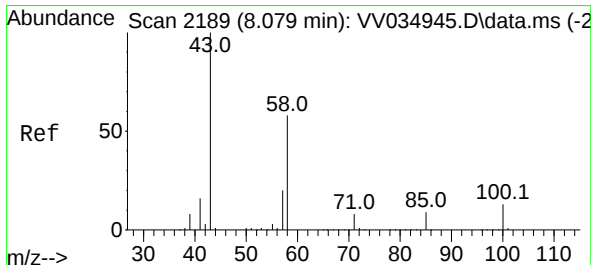
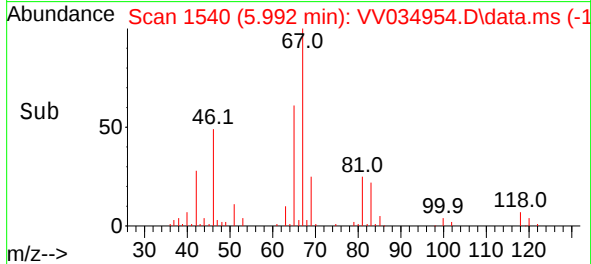
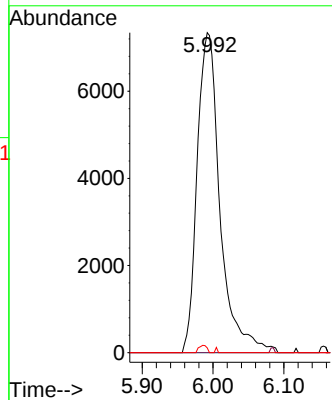
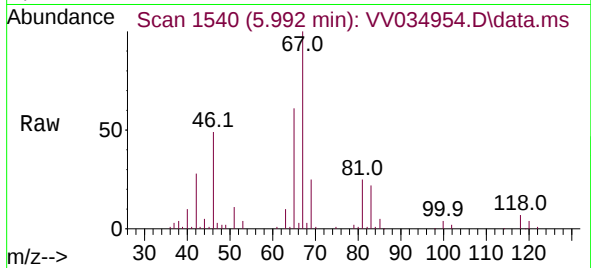
Acq: 03 Apr 2024 14:18

Instrument :

MSVOA\_V

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 16495    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.0 60.6 91.0# |
| 98          | 0.8 37.8 56.6# |



#48

2-Hexanone

Concen: 3.749 ug/L

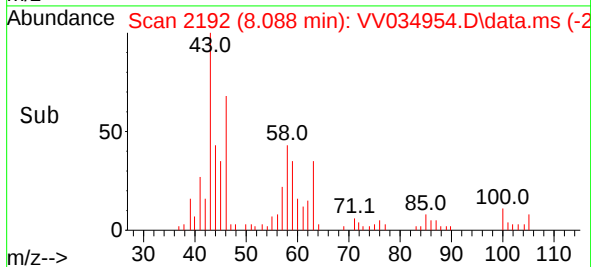
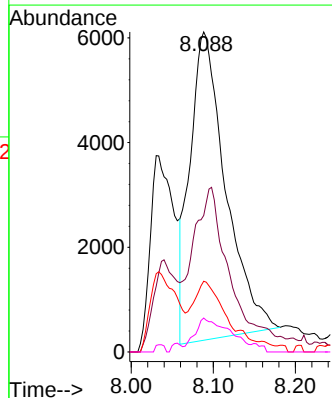
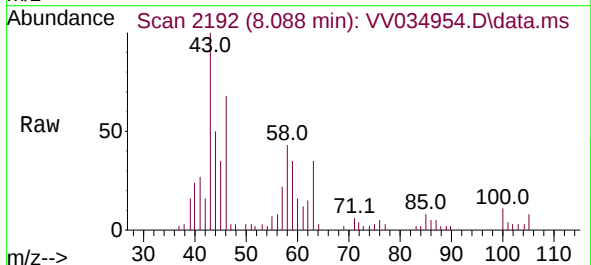
RT: 8.088 min Scan# 2192

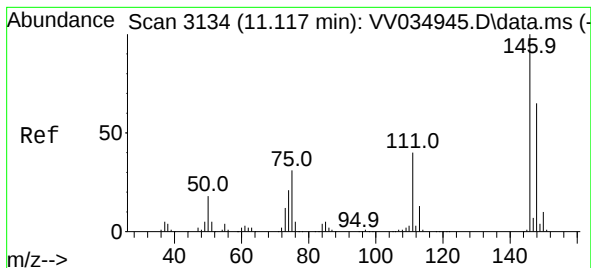
Delta R.T. 0.010 min

Lab File: VV034954.D

Acq: 03 Apr 2024 14:18

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 17765    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 58          | 49.8 48.2 72.4 |
| 57          | 20.5 15.6 23.4 |
| 100         | 8.7 10.1 15.1# |





#64

1,3-Dichlorobenzene

Concen: 0.163 ug/L

RT: 11.127 min Scan# 3134

Delta R.T. 0.010 min

Lab File: VV034954.D

Acq: 03 Apr 2024 14:18

Instrument :

MSVOA\_V

ClientSampleId :

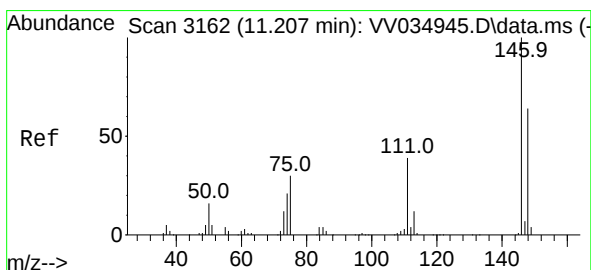
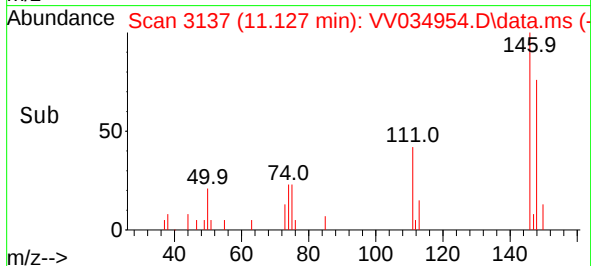
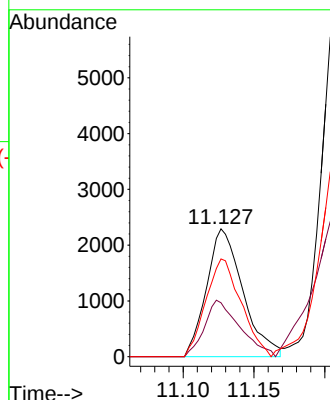
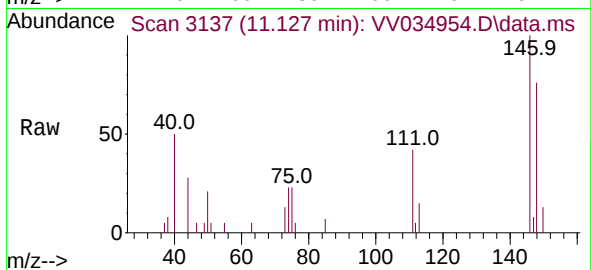
Tgt Ion:146 Resp: 4085

Ion Ratio Lower Upper

146 100

111 42.2 27.7 51.5

148 76.4 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 0.517 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034954.D

Acq: 03 Apr 2024 14:18

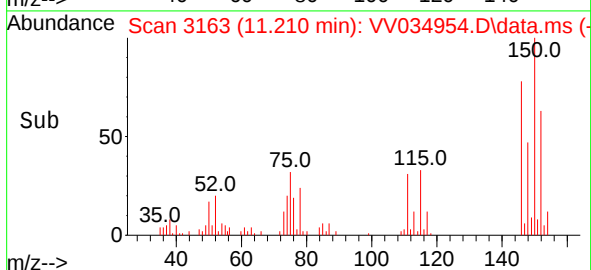
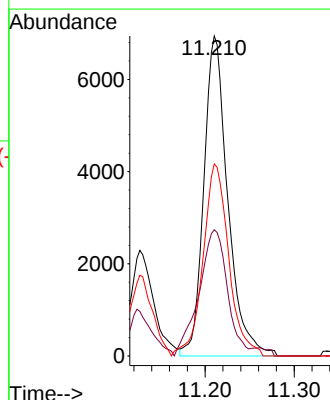
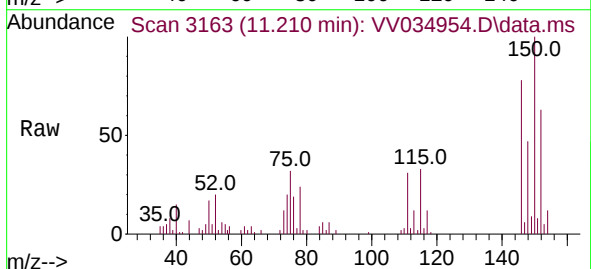
Tgt Ion:146 Resp: 12985

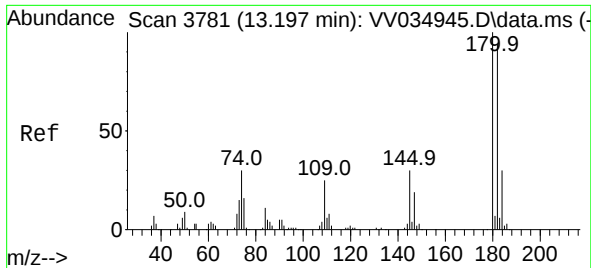
Ion Ratio Lower Upper

146 100

111 39.4 27.3 50.7

148 60.0 43.5 80.7





#70

1,2,4-trichlorobenzene

Concen: 0.221 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.006 min

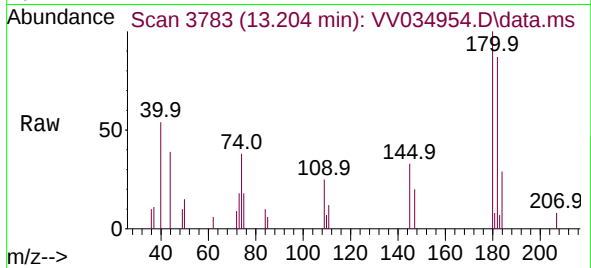
Lab File: VV034954.D

Acq: 03 Apr 2024 14:18

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:180 Resp: 3238

Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

145 28.2 23.4 35.0

