

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011624\  
 Data File : VW033685.D  
 Acq On : 16 Jan 2024 21:22  
 Operator : SY/MD  
 Sample : P1131-17DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AX9DL

Quant Time: Jan 17 03:30:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 17 01:35:32 2024  
 Response via : Initial Calibration

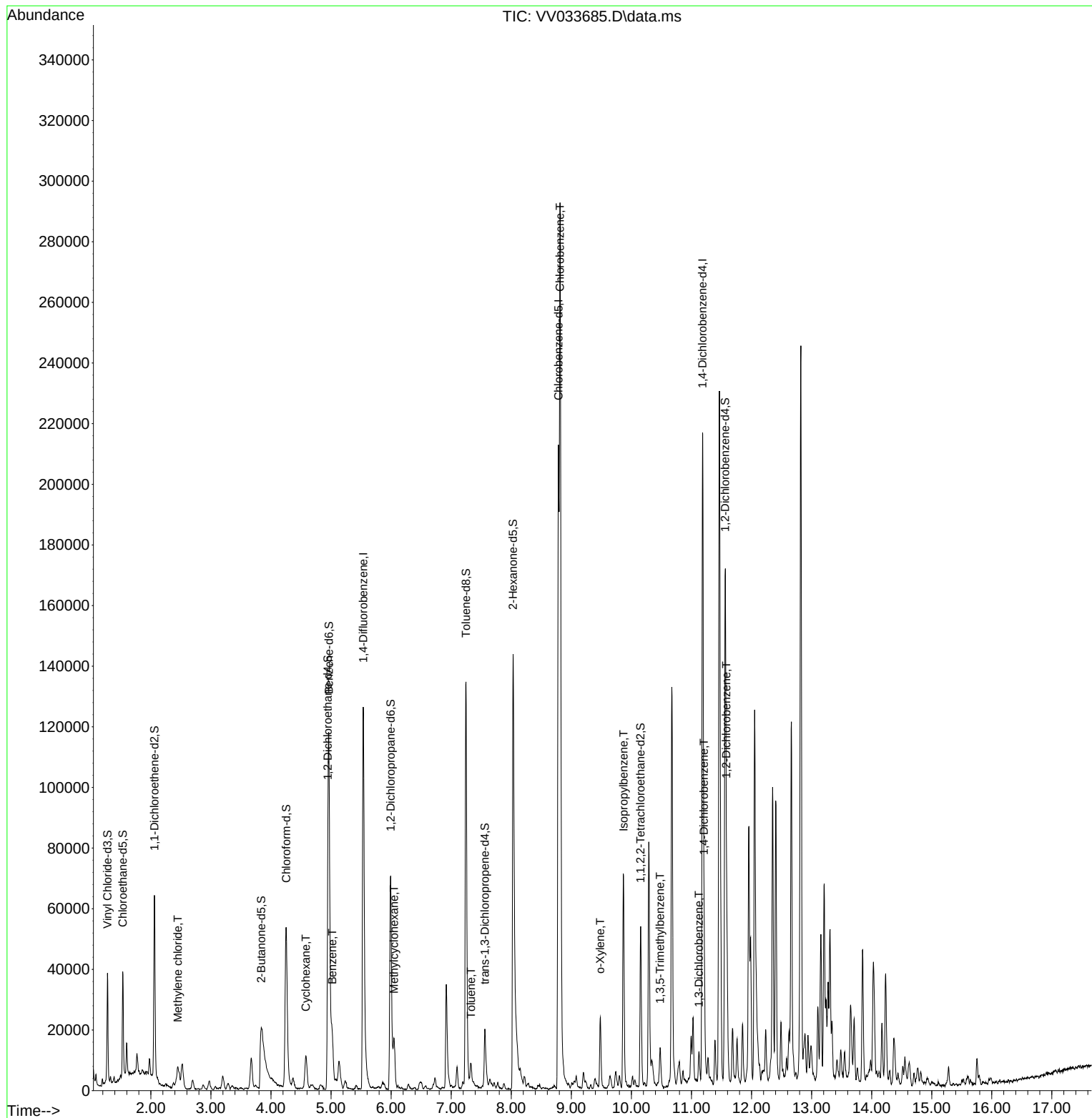
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 111657   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 101593   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 52215    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 20066    | 3.286    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 65.800%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 22099    | 4.081    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 10232    | 3.719    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 74.400%  |
| 20) 2-Butanone-d5             | 3.838  | 46    | 69792    | 46.751   | ug/L   | 0.03     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.500%  |
| 24) Chloroform-d              | 4.252  | 84    | 57794    | 4.377    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 28619    | 4.834    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.600%  |
| 32) Benzene-d6                | 4.963  | 84    | 104913   | 4.280    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.600%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 36881    | 4.513    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.200%  |
| 41) Toluene-d8                | 7.246  | 98    | 90660    | 4.143    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.800%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 12564    | 4.447    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 89.000%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 60368    | 54.420   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.840% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 23646    | 4.952    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 37464    | 4.673    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.449  | 84    | 2030     | 0.219    | ug/L   | 88       |
| 30) Cyclohexane               | 4.580  | 56    | 6265     | 0.363    | ug/L   | 95       |
| 33) Benzene                   | 5.018  | 78    | 17534    | 0.486    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.047  | 83    | 6318     | 0.389    | ug/L   | 97       |
| 42) Toluene                   | 7.330  | 91    | 6952     | 0.182    | ug/L   | 94       |
| 51) Chlorobenzene             | 8.812  | 112   | 147716   | 6.321    | ug/L   | 99       |
| 54) o-Xylene                  | 9.481  | 106   | 5636     | 0.355    | ug/L   | 91       |
| 60) Isopropylbenzene          | 9.870  | 105   | 46192    | 1.118    | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.477 | 105   | 5802     | 0.163    | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.127 | 146   | 4168     | 0.228    | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 11.210 | 146   | 15580    | 0.871    | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.580 | 146   | 10960    | 0.690    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

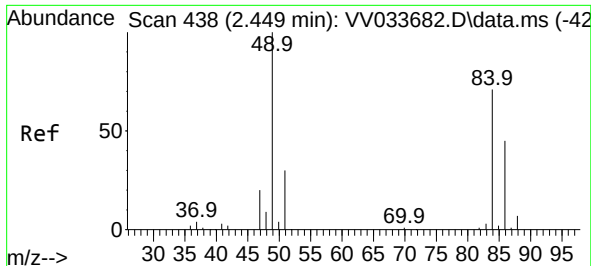
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011624\  
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Sample : P1131-17DL 5X  
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Quant Time: Jan 17 03:30:07 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jan 17 01:35:32 2024  
Response via : Initial Calibration

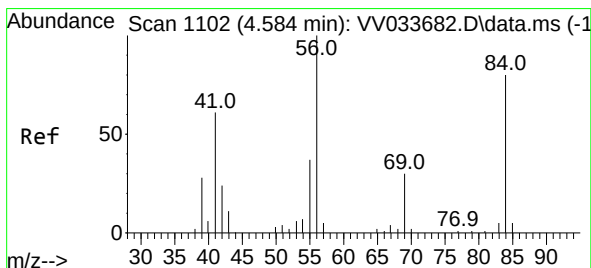
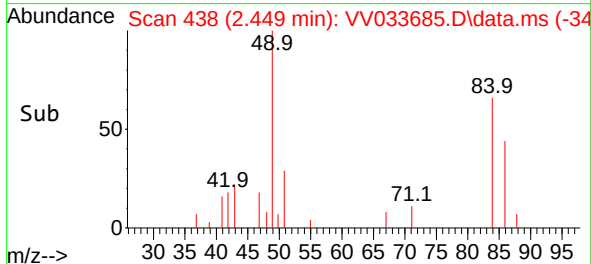
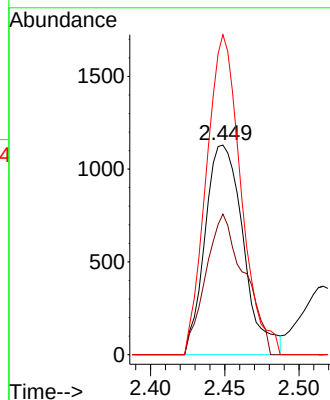
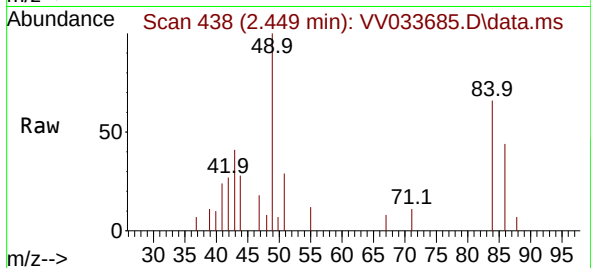




#16  
Methylene chloride  
Concen: 0.219 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV033685.D  
Acq: 16 Jan 2024 21:22

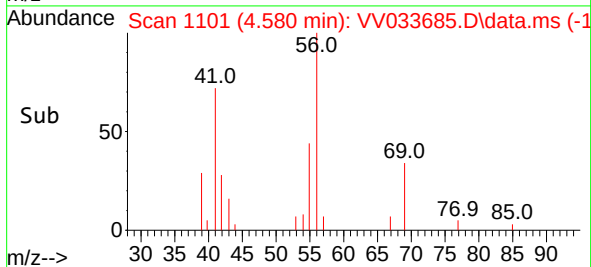
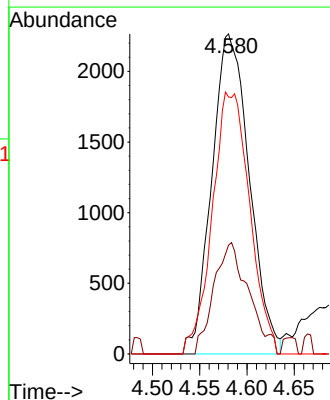
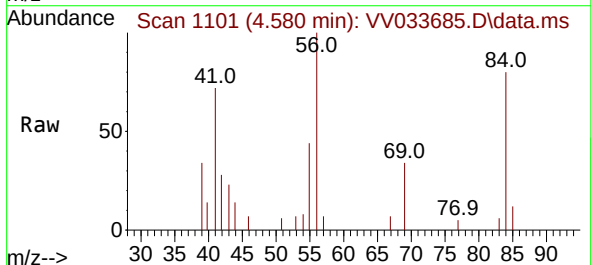
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AX9DL

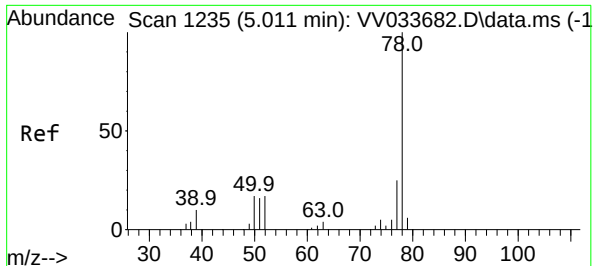
Tgt Ion: 84 Resp: 2030  
Ion Ratio Lower Upper  
84 100  
86 67.1 45.5 84.5  
49 162.7 100.3 186.3



#30  
Cyclohexane  
Concen: 0.363 ug/L  
RT: 4.580 min Scan# 1101  
Delta R.T. -0.003 min  
Lab File: VV033685.D  
Acq: 16 Jan 2024 21:22

Tgt Ion: 56 Resp: 6265  
Ion Ratio Lower Upper  
56 100  
69 32.3 23.3 34.9  
84 81.3 61.7 92.5

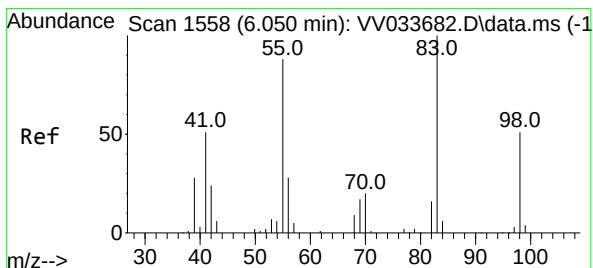
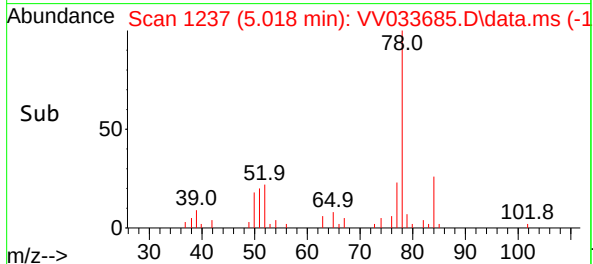
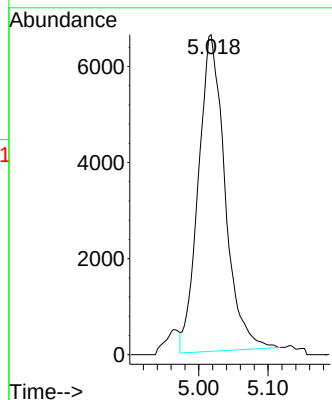
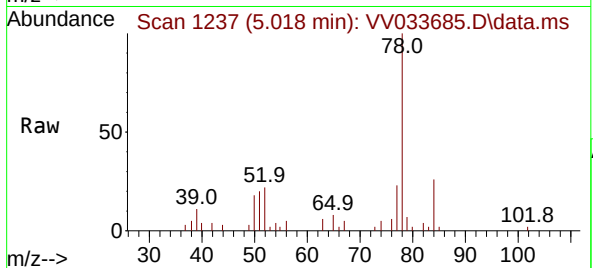




#33  
Benzene  
Concen: 0.486 ug/L  
RT: 5.018 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VV033685.D  
Acq: 16 Jan 2024 21:22

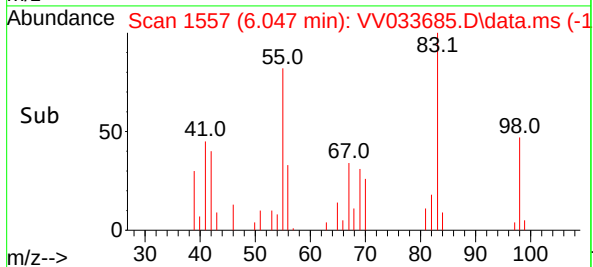
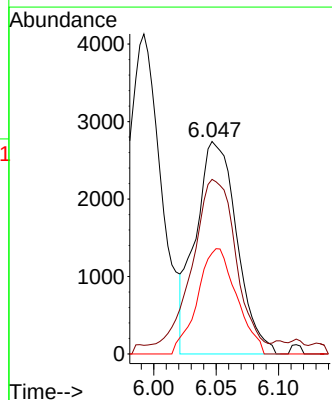
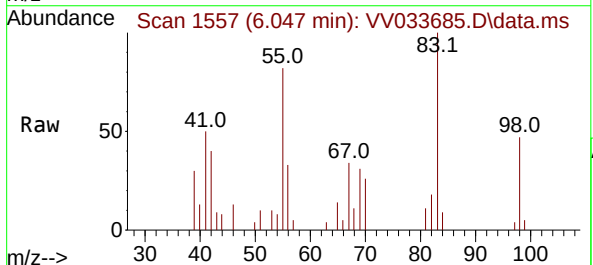
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AX9DL

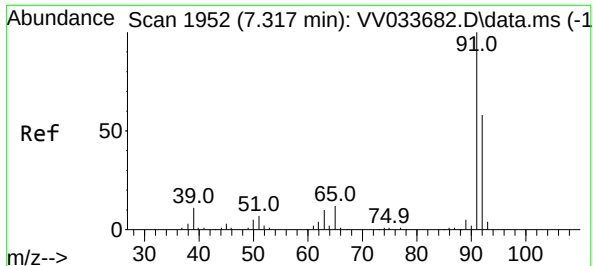
Tgt Ion: 78 Resp: 17534



#35  
Methylcyclohexane  
Concen: 0.389 ug/L  
RT: 6.047 min Scan# 1557  
Delta R.T. -0.003 min  
Lab File: VV033685.D  
Acq: 16 Jan 2024 21:22

Tgt Ion: 83 Resp: 6318  
Ion Ratio Lower Upper  
83 100  
55 82.9 68.7 103.1  
98 46.9 38.3 57.5





#42

Toluene

Concen: 0.182 ug/L

RT: 7.330 min Scan# 1952

Delta R.T. 0.013 min

Lab File: VV033685.D

Acq: 16 Jan 2024 21:22

Instrument :

MSVOA\_V

ClientSampleId :

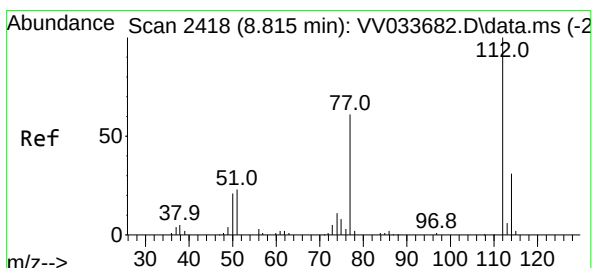
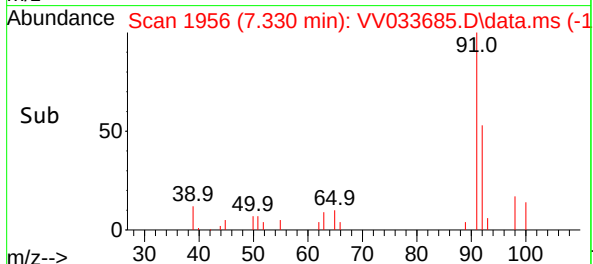
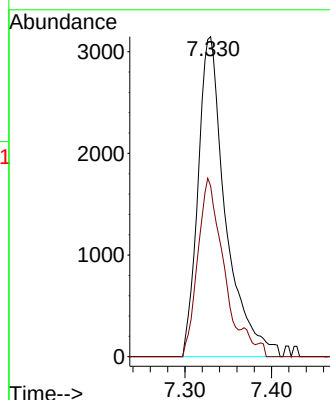
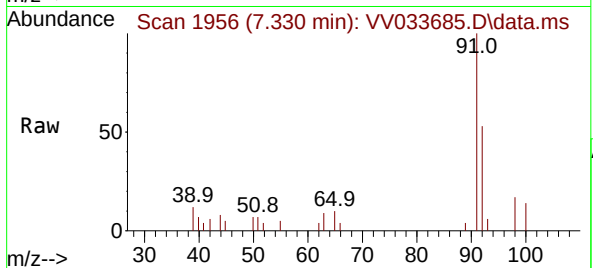
C0AX9DL

Tgt Ion: 91 Resp: 6952

Ion Ratio Lower Upper

91 100

92 53.4 40.5 75.3



#51

Chlorobenzene

Concen: 6.321 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.003 min

Lab File: VV033685.D

Acq: 16 Jan 2024 21:22

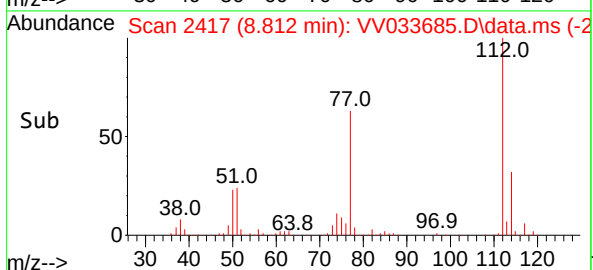
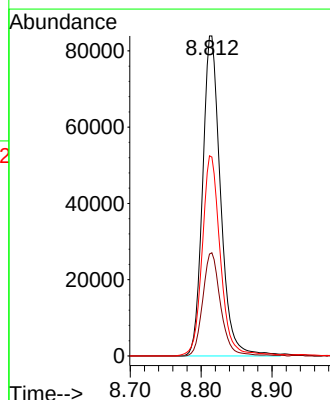
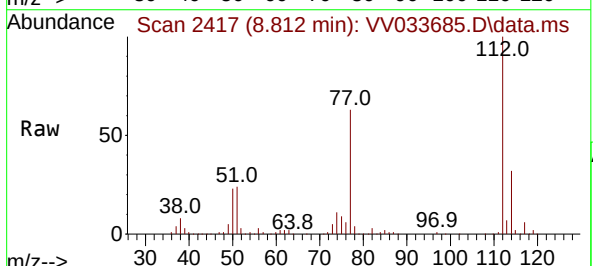
Tgt Ion: 112 Resp: 147716

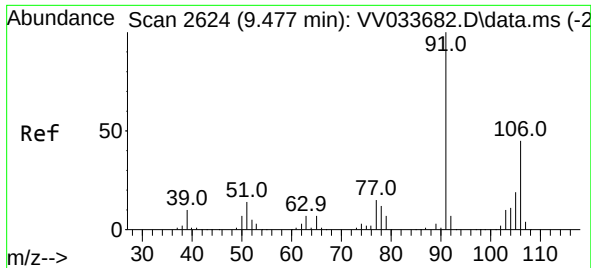
Ion Ratio Lower Upper

112 100

114 31.8 22.9 42.5

77 62.5 50.8 76.2

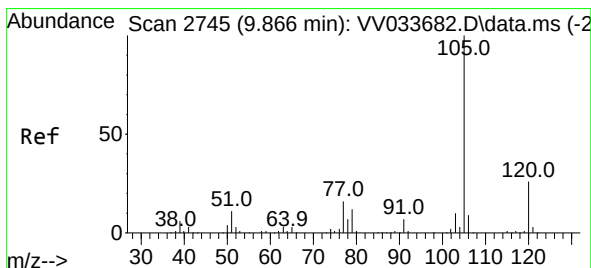
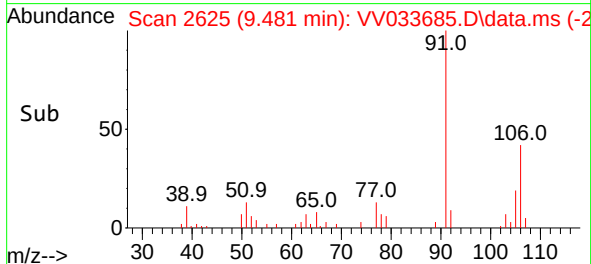
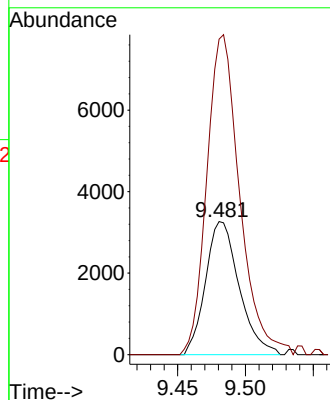
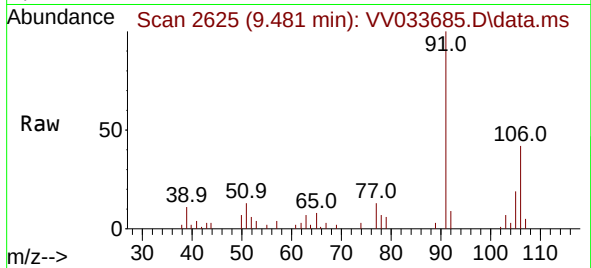




#54  
o-Xylene  
Concen: 0.355 ug/L  
RT: 9.481 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV033685.D  
Acq: 16 Jan 2024 21:22

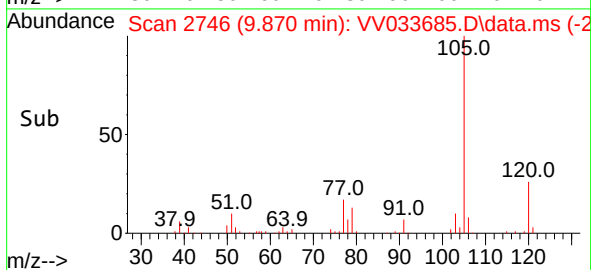
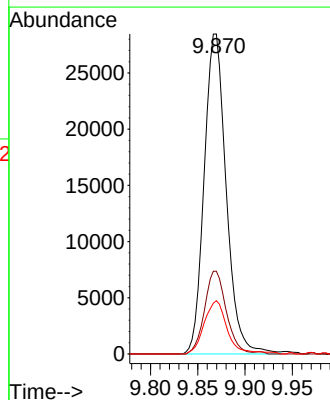
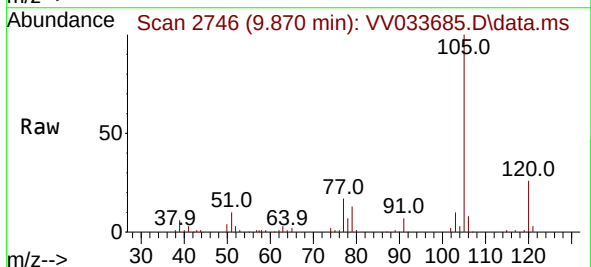
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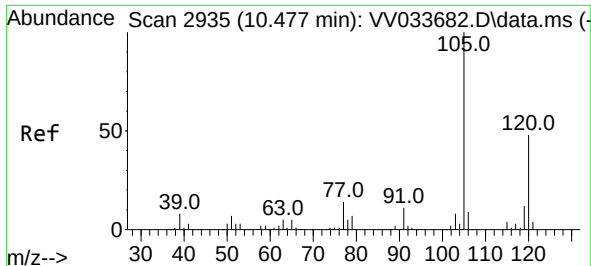
Tgt Ion:106 Resp: 5636  
Ion Ratio Lower Upper  
106 100  
91 236.9 156.0 289.6



#60  
Isopropylbenzene  
Concen: 1.118 ug/L  
RT: 9.870 min Scan# 2746  
Delta R.T. 0.003 min  
Lab File: VV033685.D  
Acq: 16 Jan 2024 21:22

Tgt Ion:105 Resp: 46192  
Ion Ratio Lower Upper  
105 100  
120 25.5 21.0 31.6  
77 17.5 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 0.163 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV033685.D

Acq: 16 Jan 2024 21:22

Instrument :

MSVOA\_V

ClientSampleId :

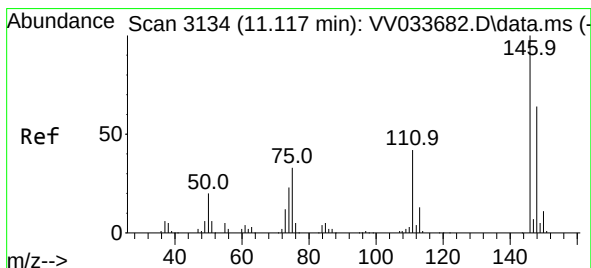
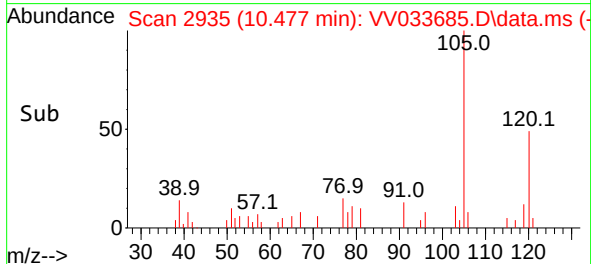
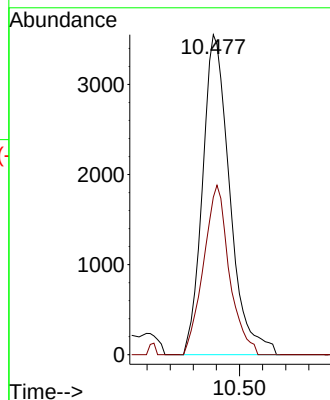
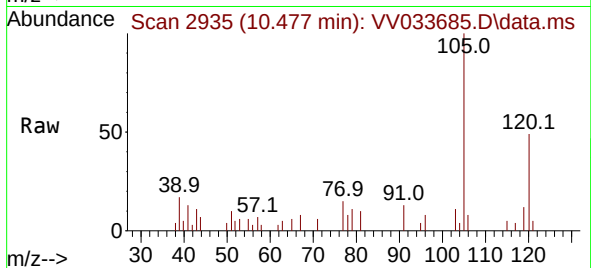
C0AX9DL

Tgt Ion:105 Resp: 5802

Ion Ratio Lower Upper

105 100

120 50.2 38.3 57.5



#64

1,3-Dichlorobenzene

Concen: 0.228 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.010 min

Lab File: VV033685.D

Acq: 16 Jan 2024 21:22

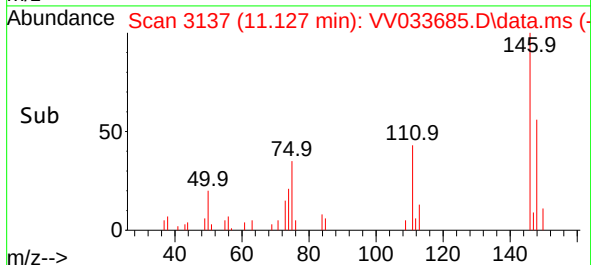
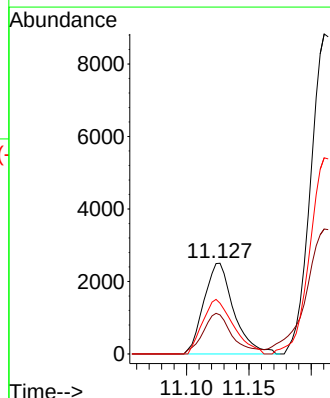
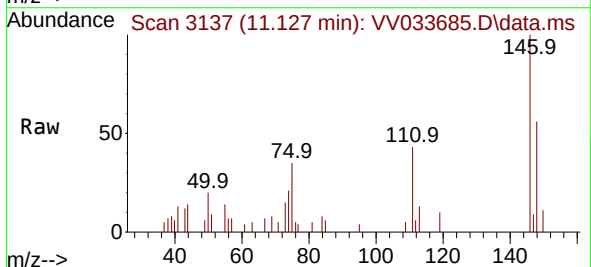
Tgt Ion:146 Resp: 4168

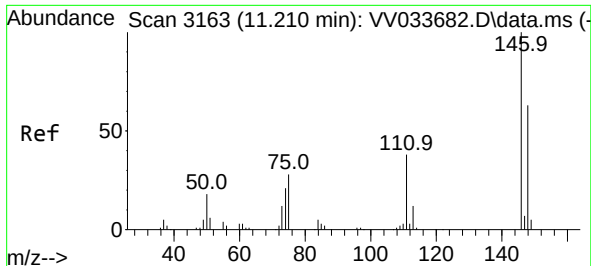
Ion Ratio Lower Upper

146 100

111 43.0 29.2 54.2

148 55.9 44.1 81.9

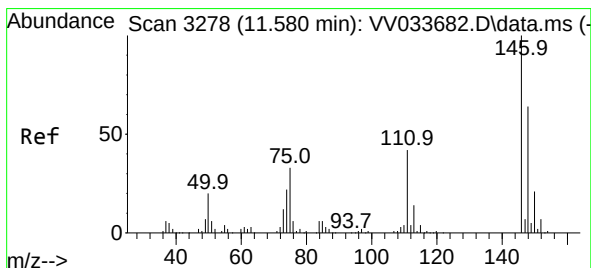
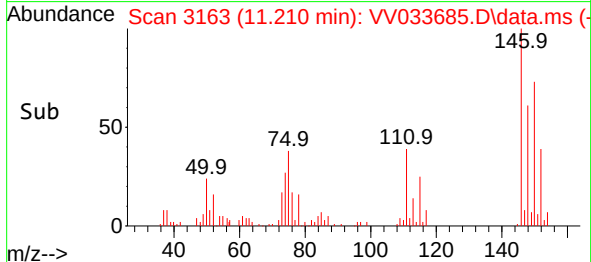
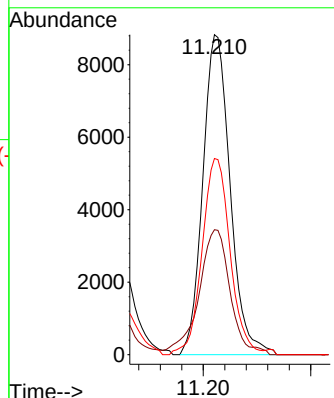
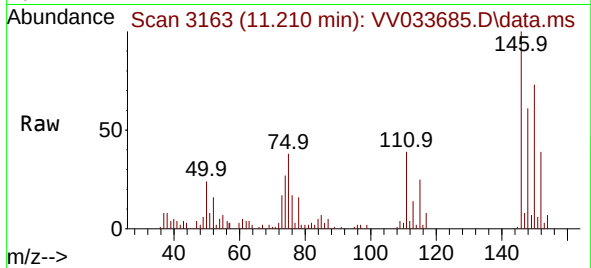




#65  
1,4-Dichlorobenzene  
Concen: 0.871 ug/L  
RT: 11.210 min Scan# 3163  
Delta R.T. -0.000 min  
Lab File: VV033685.D  
Acq: 16 Jan 2024 21:22

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion:146 Resp: 15580  
Ion Ratio Lower Upper  
146 100  
111 39.1 27.5 51.1  
148 61.3 43.3 80.5



#67  
1,2-Dichlorobenzene  
Concen: 0.690 ug/L  
RT: 11.580 min Scan# 3278  
Delta R.T. -0.000 min  
Lab File: VV033685.D  
Acq: 16 Jan 2024 21:22

Tgt Ion:146 Resp: 10960  
Ion Ratio Lower Upper  
146 100  
111 46.2 36.1 54.1  
148 64.4 52.2 78.2

