

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031221\  
 Data File : VW020542.D  
 Acq On : 11 Mar 2021 17:16  
 Operator : SY/MD  
 Sample : M1630-06 10X  
 Misc : 6.17G/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG574

Quant Time: Mar 12 04:16:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM030521WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 12 04:11:04 2021  
 Response via : Initial Calibration

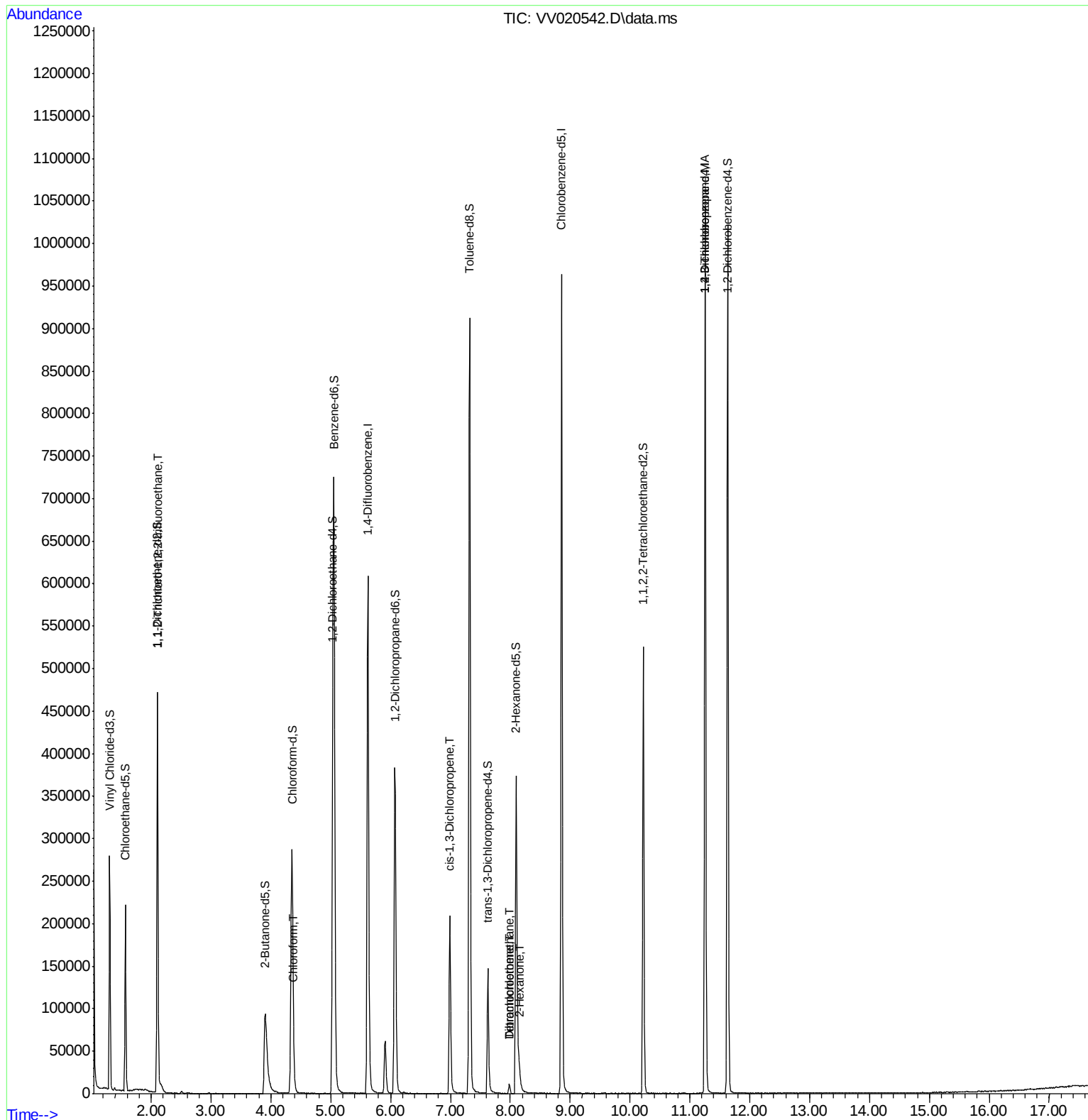
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 572824     | 50.00   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 571983     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 295573     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 179253     | 42.70   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 85.40%  |       |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 143464     | 44.12   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 88.24%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 237480     | 33.57   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 67.14%  |       |          |
| 21) 2-Butanone-d5             | 3.905          | 46   | 202900     | 95.42   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 95.42%  |       |          |
| 24) Chloroform-d              | 4.352          | 84   | 309210     | 42.59   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.18%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 201580     | 45.19   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.38%  |       |          |
| 32) Benzene-d6                | 5.053          | 84   | 664615     | 46.06   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.12%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 192109     | 44.05   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 88.10%  |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 632142     | 45.30   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.60%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 90552      | 43.61   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.22%  |       |          |
| 47) 2-Hexanone-d5             | 8.095          | 63   | 136803     | 87.70   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 87.70%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 240034     | 41.54   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 83.08%  |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.631         | 152  | 293604     | 50.74   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.48% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108          | 101  | 2585       | 0.69    | ug/L  | # 24     |
| 25) Chloroform                | 4.381          | 83   | 12884      | 1.79    | ug/L  | 96       |
| 39) cis-1,3-Dichloropropene   | 6.989          | 75   | 5436       | 0.95    | ug/L  | # 68     |
| 46) Tetrachloroethene         | 7.982          | 164  | 3145       | 0.84    | ug/L  | # 76     |
| 48) 2-Hexanone                | 8.149          | 43   | 13347      | 3.96    | ug/L  | # 58     |
| 49) Dibromochloromethane      | 7.985          | 129  | 2425       | 0.55    | ug/L  | # 10     |
| 59) 1,2,3-Trichloropropane    | 11.255         | 75   | 27222      | 5.42    | ug/L  | 92       |
| -----                         |                |      |            |         |       |          |

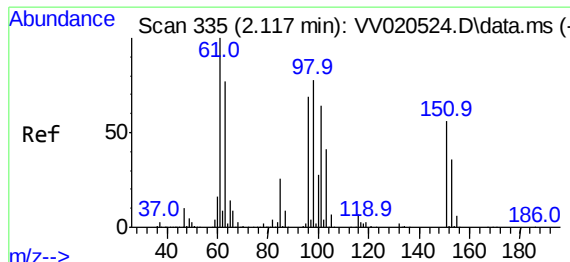
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
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Quant Time: Mar 12 04:16:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM030521WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 12 04:11:04 2021  
Response via : Initial Calibration

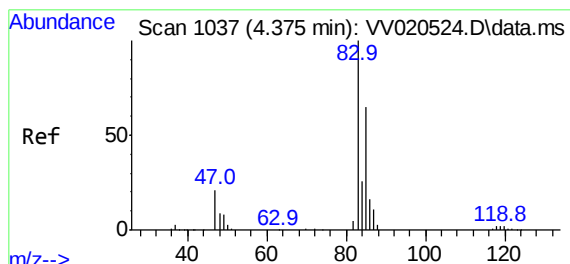
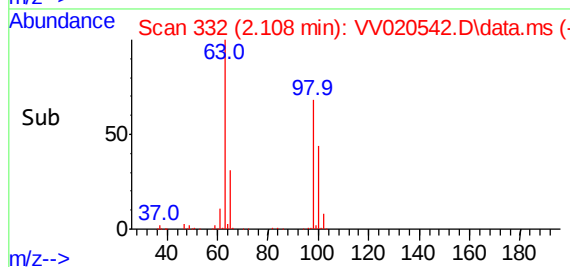
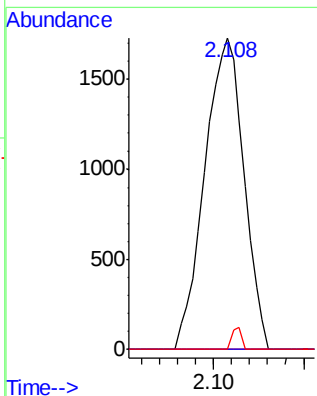
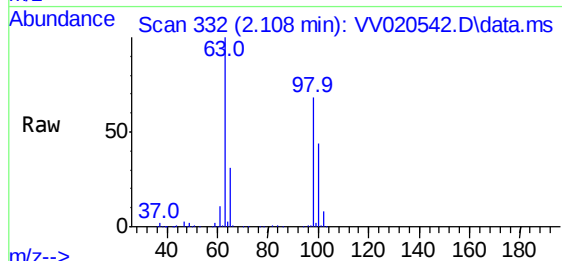




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.69 ug/L  
 RT: 2.108 min Scan# 332  
 Delta R.T. -0.010 min  
 Lab File: VV020542.D  
 Acq: 11 Mar 2021 17:16

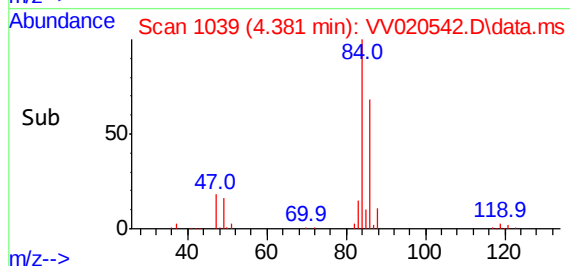
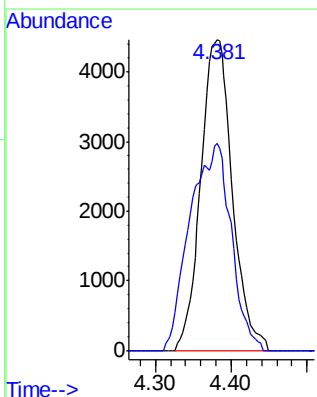
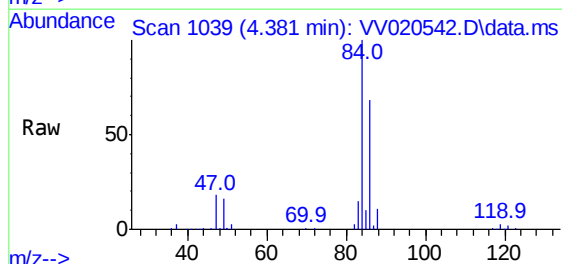
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG574

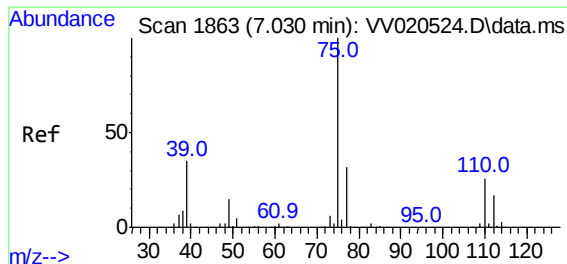
Tgt Ion:101 Resp: 2585  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 35.3 52.9#  
 151 1.7 53.6 80.4#



#25  
 Chloroform  
 Concen: 1.79 ug/L  
 RT: 4.381 min Scan# 1039  
 Delta R.T. 0.006 min  
 Lab File: VV020542.D  
 Acq: 11 Mar 2021 17:16

Tgt Ion: 83 Resp: 12884  
 Ion Ratio Lower Upper  
 83 100  
 85 66.4 44.2 82.2

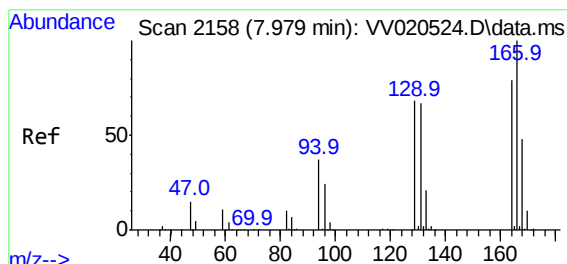
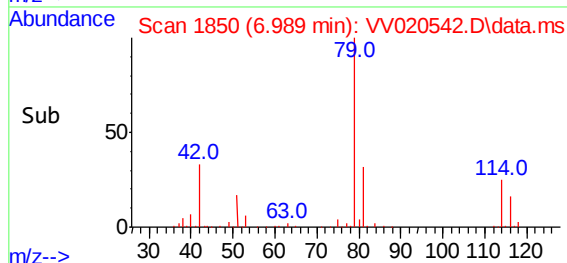
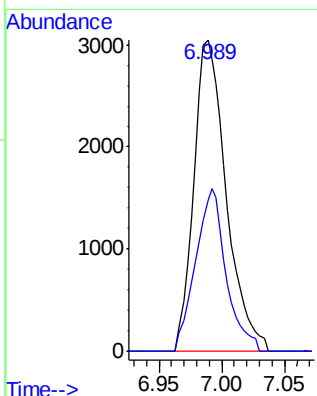
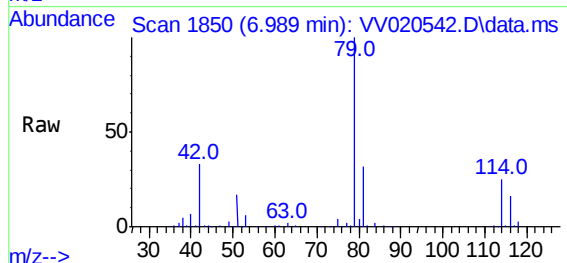




#39  
cis-1,3-Dichloropropene  
Concen: 0.95 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.042 min  
Lab File: VV020542.D  
Acq: 11 Mar 2021 17:16

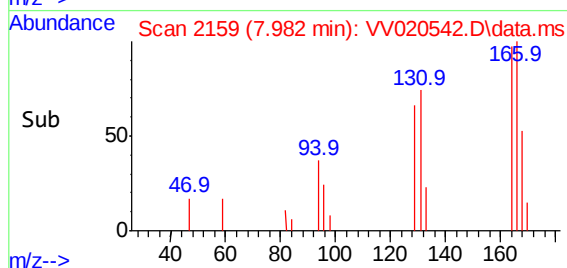
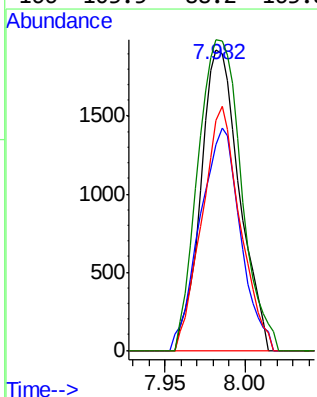
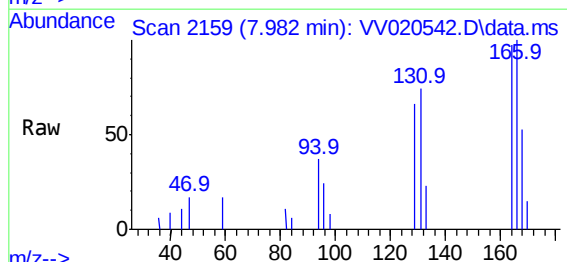
Instrument :  
MSVOA\_V  
ClientSampled :  
BG574

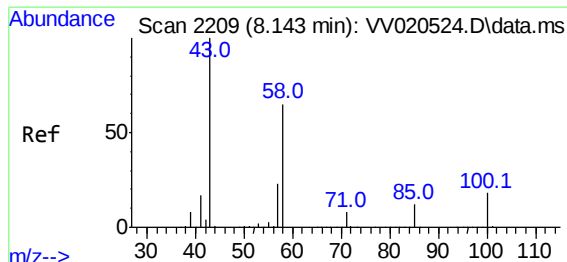
Tgt Ion: 75 Resp: 5436  
Ion Ratio Lower Upper  
75 100  
77 48.6 21.8 40.6#



#46  
Tetrachloroethene  
Concen: 0.84 ug/L  
RT: 7.982 min Scan# 2159  
Delta R.T. 0.003 min  
Lab File: VV020542.D  
Acq: 11 Mar 2021 17:16

Tgt Ion: 164 Resp: 3145  
Ion Ratio Lower Upper  
164 100  
129 68.3 70.6 131.0#  
131 76.6 66.8 124.0  
166 103.5 88.2 163.8



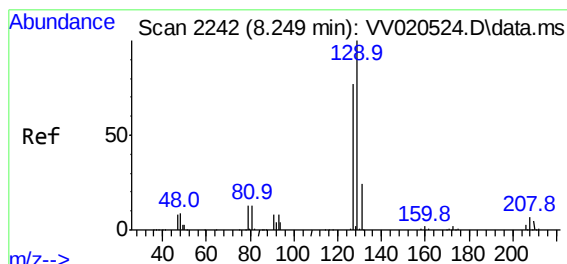
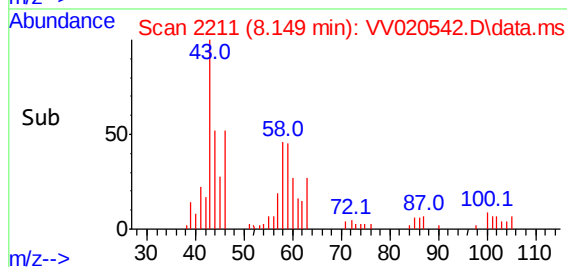
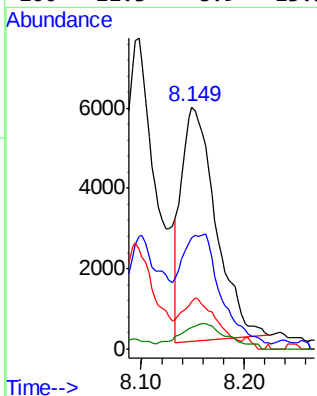
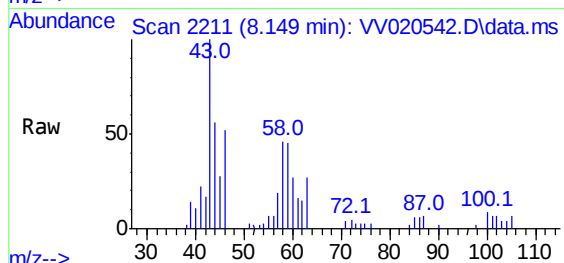


#48  
2-Hexanone  
Concen: 3.96 ug/L  
RT: 8.149 min Scan# 2211  
Delta R.T. 0.006 min  
Lab File: VV020542.D  
Acq: 11 Mar 2021 17:16

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG574

Tgt Ion: 43 Resp: 13347

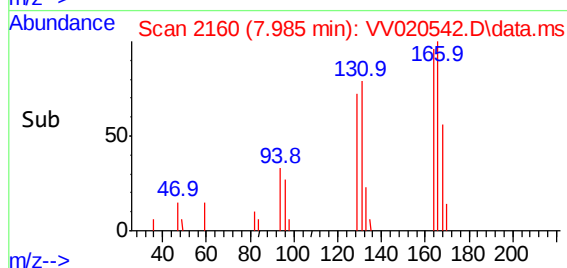
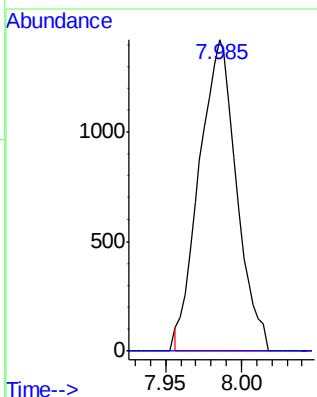
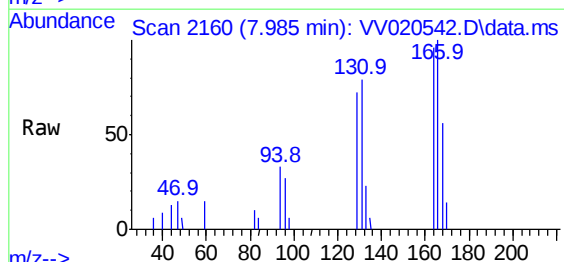
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 7.8   | 41.8  | 62.6# |
| 57  | 23.1  | 15.0  | 22.4# |
| 100 | 11.3  | 8.9   | 13.3  |

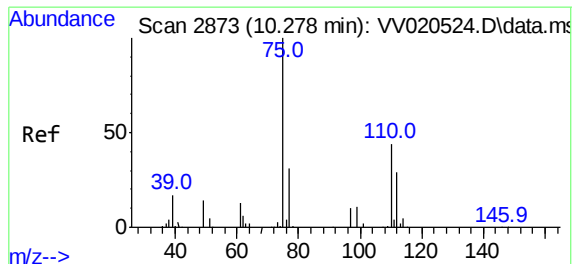


#49  
Dibromochloromethane  
Concen: 0.55 ug/L  
RT: 7.985 min Scan# 2160  
Delta R.T. -0.264 min  
Lab File: VV020542.D  
Acq: 11 Mar 2021 17:16

Tgt Ion: 129 Resp: 2425

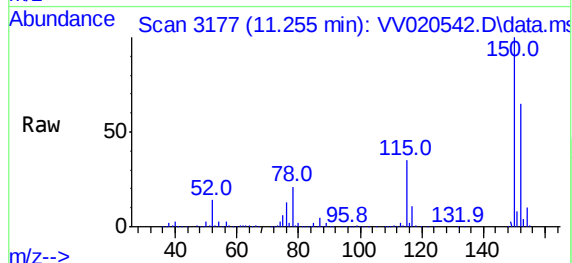
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 129 | 100   |       |        |
| 127 | 0.0   | 55.2  | 102.6# |





#59  
 1,2,3-Trichloropropane  
 Concen: 5.42 ug/L  
 RT: 11.255 min Scan# 3177  
 Delta R.T. 0.977 min  
 Lab File: VV020542.D  
 Acq: 11 Mar 2021 17:16

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG574



Tgt Ion: 75 Resp: 27222  
 Ion Ratio Lower Upper  
 75 100  
 77 36.1 25.4 38.0

