

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW022721\  
 Data File : VW020410.D  
 Acq On : 26 Feb 2021 12:53  
 Operator : SY/MD  
 Sample : M1513-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG0L4

Quant Time: Feb 27 01:12:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVTR022221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Feb 27 01:11:28 2021  
 Response via : Initial Calibration

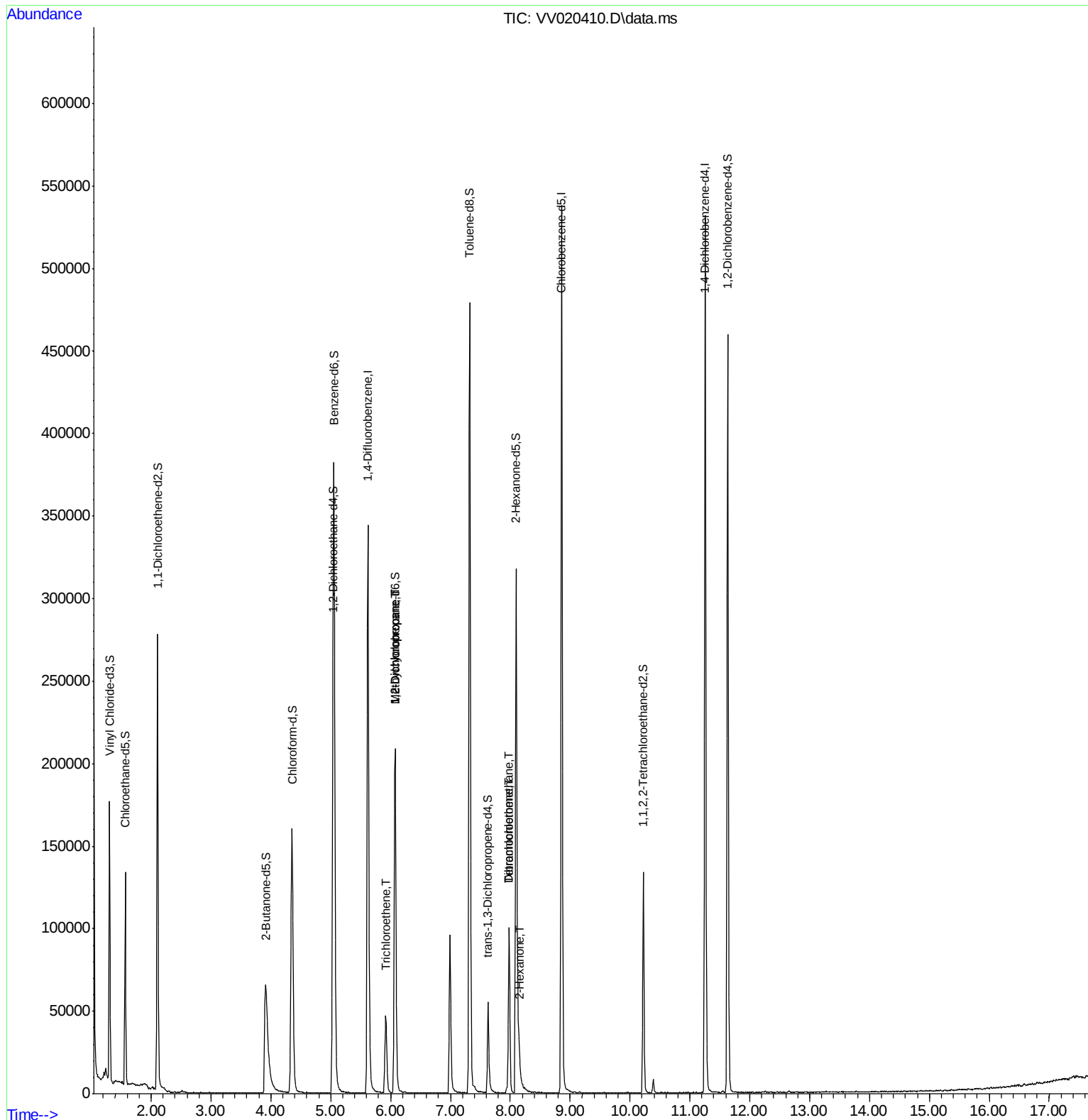
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114   | 315656   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857  | 117   | 307976   | 5.00     | ug/L   | 0.00     |
| 61) 1,4-Dichlorobenzene-d4    | 11.255 | 152   | 143537   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 104982   | 4.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 94.40%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 82619    | 4.73     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 139104   | 3.21     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.20%   |
| 20) 2-Butanone-d5             | 3.915  | 46    | 160033   | 41.56    | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 83.12%   |
| 24) Chloroform-d              | 4.352  | 84    | 171690   | 4.32     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.40%   |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 84212    | 4.36     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.20%   |
| 32) Benzene-d6                | 5.053  | 84    | 355534   | 4.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.20%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 104088   | 4.56     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.20%   |
| 41) Toluene-d8                | 7.320  | 98    | 329126   | 4.42     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.40%   |
| 45) trans-1,3-Dichloroprop... | 7.628  | 79    | 34036    | 3.90     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.00%   |
| 48) 2-Hexanone-d5             | 8.095  | 63    | 110791   | 36.21    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 72.42%   |
| 59) 1,1,2,2-Tetrachloroeth... | 10.223 | 84    | 61961    | 3.82     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 76.40%   |
| 65) 1,2-Dichlorobenzene-d4    | 11.631 | 152   | 126834   | 4.98     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.60%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 5.921  | 95    | 14834    | 0.47     | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.072  | 83    | 25811    | 0.57     | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.075  | 63    | 11534    | 0.43     | ug/L # | 83       |
| 49) Tetrachloroethene         | 7.979  | 164   | 24501    | 0.94     | ug/L   | 97       |
| 50) 2-Hexanone                | 8.149  | 43    | 10358    | 1.12     | ug/L # | 93       |
| 51) Dibromochloromethane      | 7.979  | 129   | 21499    | 0.96     | ug/L # | 9        |
| -----                         |        |       |          |          |        |          |

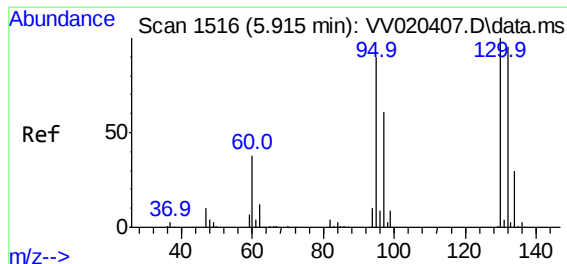
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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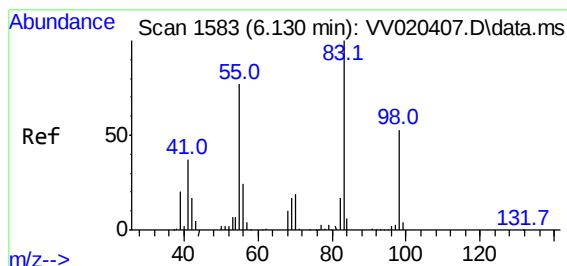
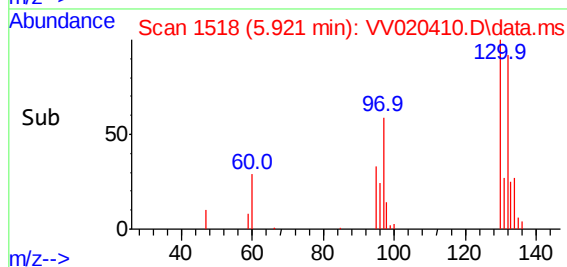
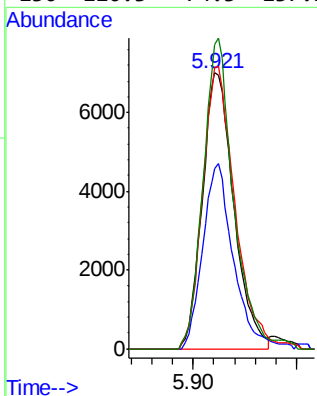
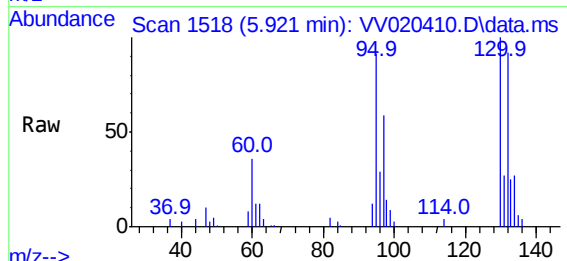


#34  
Trichloroethene  
Concen: 0.47 ug/L  
RT: 5.921 min Scan# 1518  
Delta R.T. 0.006 min  
Lab File: VV020410.D  
Acq: 26 Feb 2021 12:53

Instrument :  
MSVOA\_V  
ClientSampled :  
BG0L4

Tgt Ion: 95 Resp: 14834

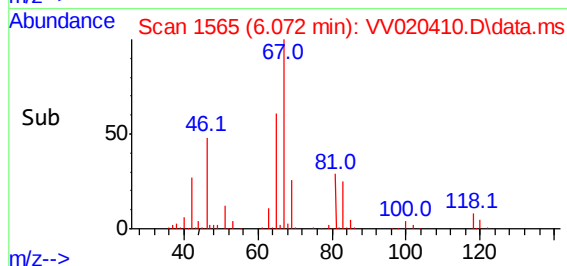
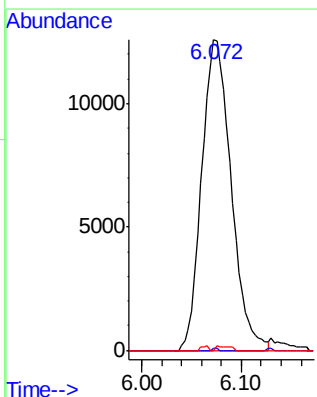
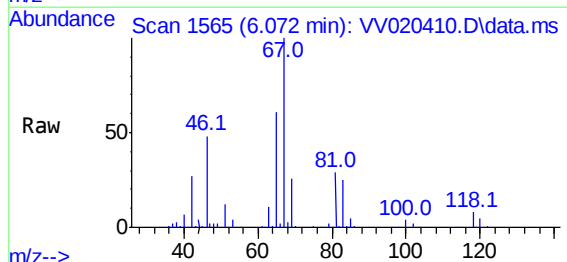
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.5  | 46.1  | 85.5  |
| 132 | 101.9 | 71.7  | 133.1 |
| 130 | 110.3 | 74.3  | 137.9 |

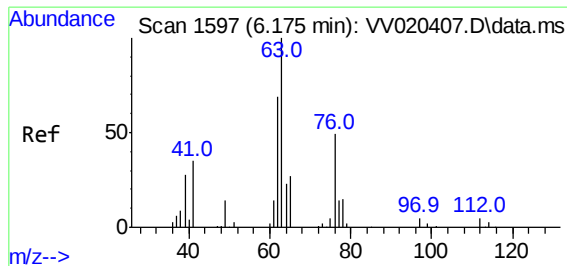


#35  
Methylcyclohexane  
Concen: 0.57 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.058 min  
Lab File: VV020410.D  
Acq: 26 Feb 2021 12:53

Tgt Ion: 83 Resp: 25811

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.2   | 61.8  | 92.8# |
| 98  | 0.6   | 39.0  | 58.6# |

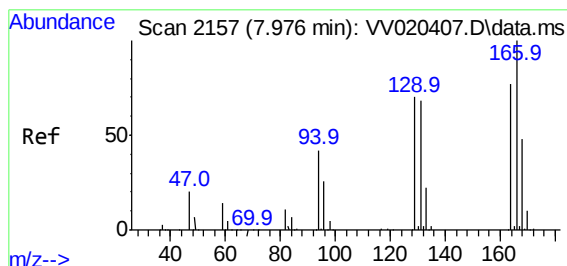
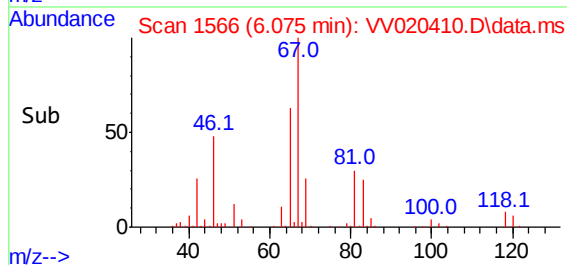
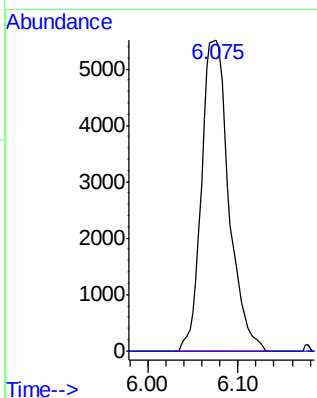
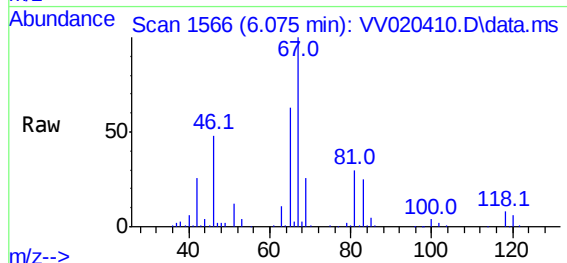




#37  
1,2-Dichloropropane  
Concen: 0.43 ug/L  
RT: 6.075 min Scan# 1566  
Delta R.T. -0.100 min  
Lab File: VV020410.D  
Acq: 26 Feb 2021 12:53

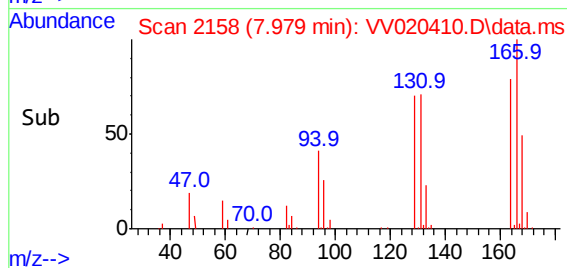
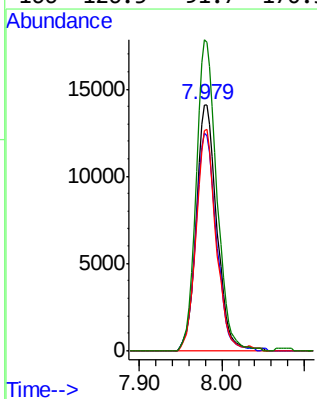
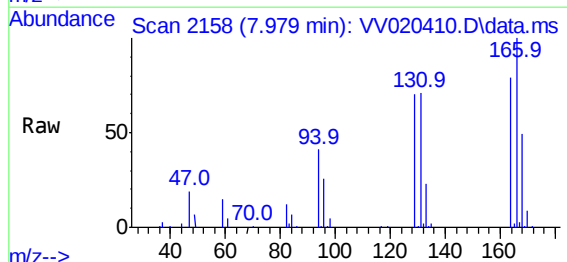
Instrument :  
MSVOA\_V  
ClientSampled :  
BG0L4

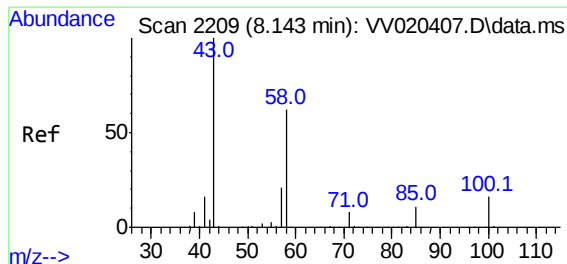
Tgt Ion: 63 Resp: 11534  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.5 6.7#



#49  
Tetrachloroethene  
Concen: 0.94 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.003 min  
Lab File: VV020410.D  
Acq: 26 Feb 2021 12:53

Tgt Ion: 164 Resp: 24501  
Ion Ratio Lower Upper  
164 100  
129 88.3 65.0 120.8  
131 89.4 63.6 118.2  
166 126.5 91.7 170.3



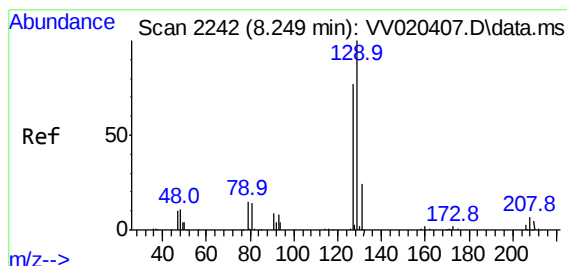
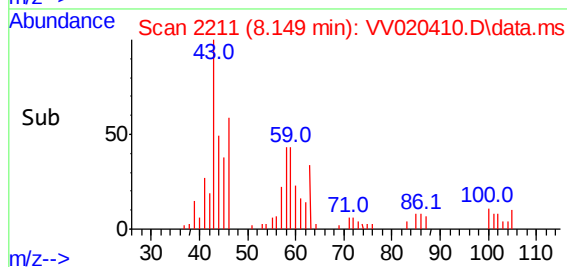
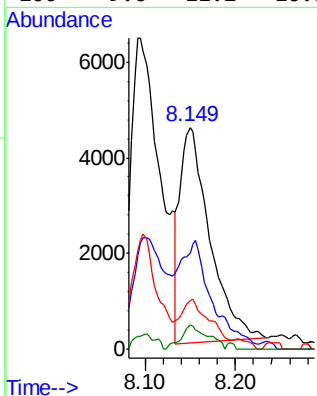
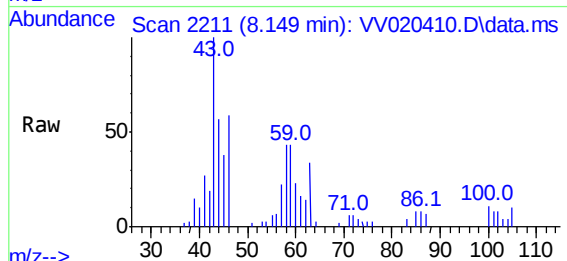


#50  
2-Hexanone  
Concen: 1.12 ug/L  
RT: 8.149 min Scan# 2211  
Delta R.T. 0.006 min  
Lab File: VV020410.D  
Acq: 26 Feb 2021 12:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG0L4

Tgt Ion: 43 Resp: 10358

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 55.9  | 41.6  | 62.4  |
| 57  | 22.8  | 15.4  | 23.0  |
| 100 | 9.6   | 11.2  | 16.8  |



#51  
Dibromochloromethane  
Concen: 0.96 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. -0.270 min  
Lab File: VV020410.D  
Acq: 26 Feb 2021 12:53

Tgt Ion: 129 Resp: 21499

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 0.0   | 56.3  | 104.5 |

