

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011722\  
 Data File : VW024374.D  
 Acq On : 17 Jan 2022 14:10  
 Operator : SY/MD  
 Sample : N1168-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGLX7RE

Quant Time: Jan 17 14:54:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 13 02:28:22 2022  
 Response via : Initial Calibration

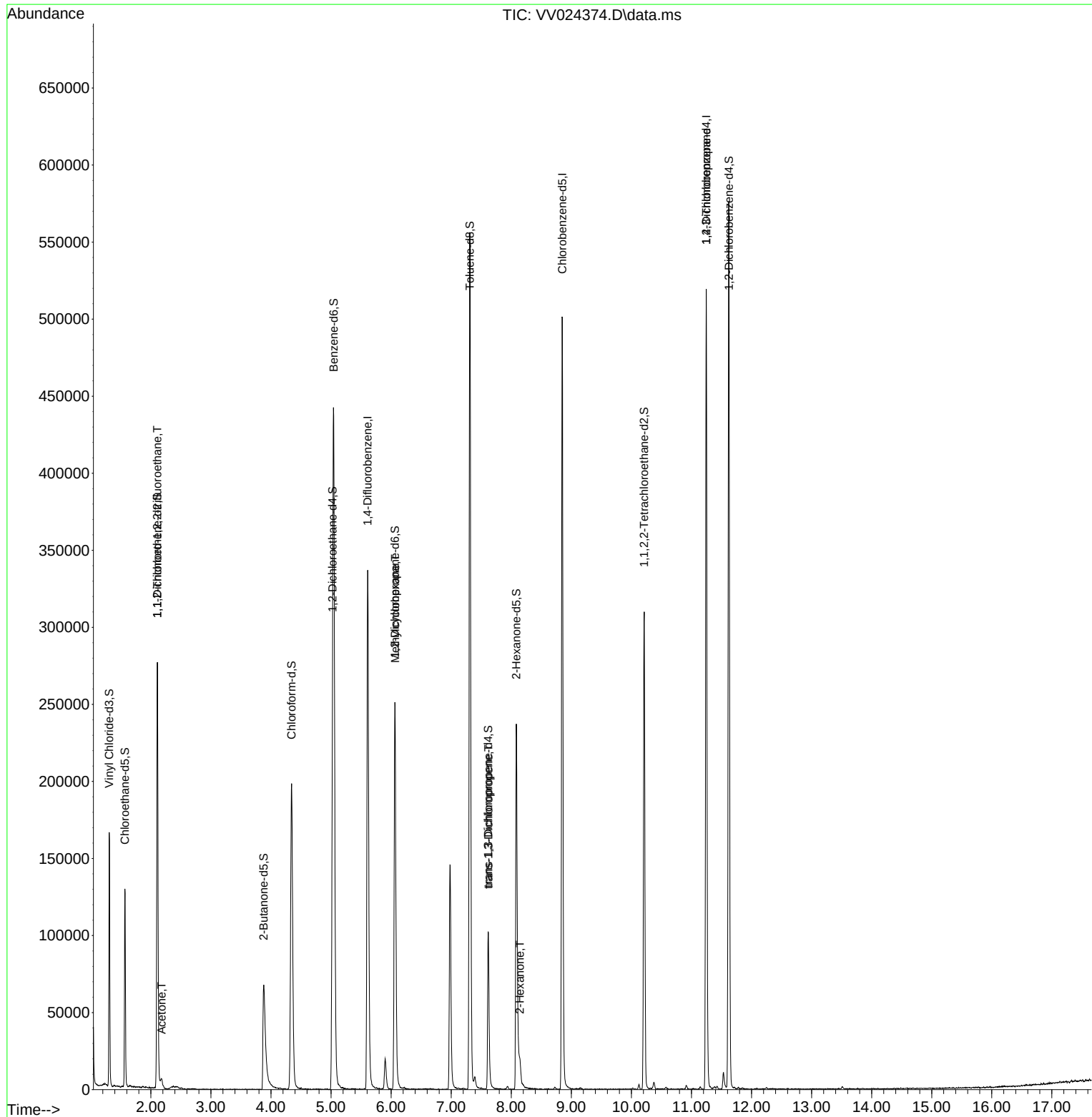
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609   | 114   | 303864   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 280790   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152   | 138219   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 99919    | 45.690   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 91.380%  |
| 7) Chloroethane-d5            | 1.568   | 69    | 75642    | 45.533   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 91.060%  |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63    | 143388   | 35.082   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.160%  |
| 21) 2-Butanone-d5             | 3.879   | 46    | 117336   | 96.303   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.300%  |
| 24) Chloroform-d              | 4.342   | 84    | 196164   | 49.080   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.160%  |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65    | 125536   | 46.912   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.820%  |
| 32) Benzene-d6                | 5.043   | 84    | 390108   | 53.240   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.480% |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67    | 116070   | 56.522   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 113.040% |
| 41) Toluene-d8                | 7.310   | 98    | 367879   | 51.854   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 103.700% |
| 43) trans-1,3-Dichloroprop... | 7.616   | 79    | 58362    | 49.355   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 98.720%  |
| 47) 2-Hexanone-d5             | 8.085   | 63    | 82698    | 92.692   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 92.690%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213  | 84    | 141909   | 48.356   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 150606   | 54.665   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 109.340% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108   | 101   | 1331     | 0.695    | ug/L # | 16       |
| 13) Acetone                   | 2.178   | 43    | 8375     | 6.962    | ug/L   | 66       |
| 35) Methylcyclohexane         | 6.066   | 83    | 30150    | 10.325   | ug/L # | 21       |
| 44) trans-1,3-Dichloropropene | 7.619   | 75    | 2923     | 1.021    | ug/L   | 94       |
| 48) 2-Hexanone                | 8.143   | 43    | 10916    | 6.206    | ug/L # | 86       |
| 61) 1,2,3-Trichloropropane    | 11.246  | 75    | 14273    | 7.032    | ug/L # | 60       |
| -----                         |         |       |          |          |        |          |

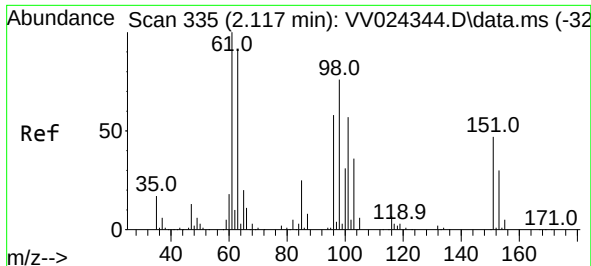
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

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Quant Title : VOC Analysis  
QLast Update : Thu Jan 13 02:28:22 2022  
Response via : Initial Calibration

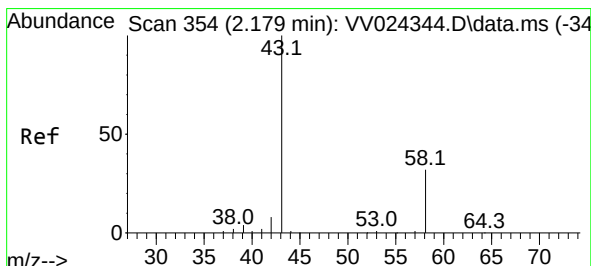
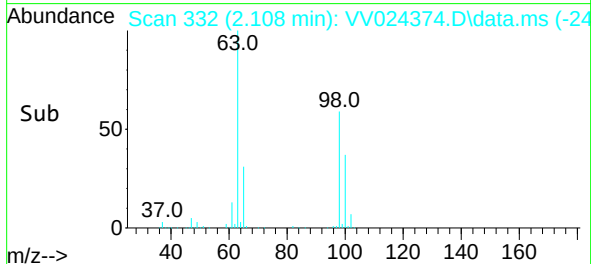
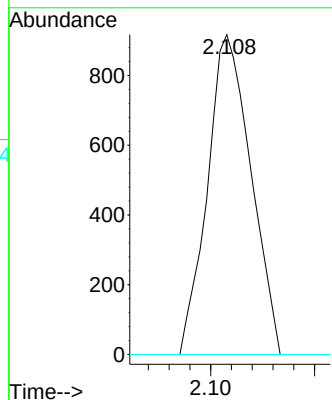
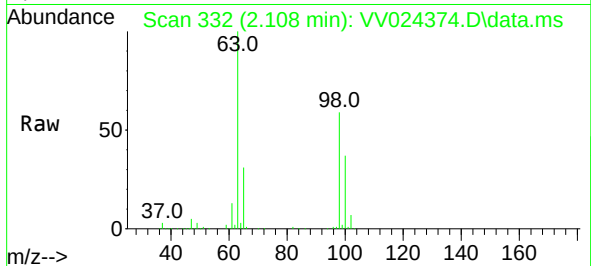




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.695 ug/L  
RT: 2.108 min Scan# 311  
Delta R.T. -0.013 min  
Lab File: VV024374.D  
Acq: 17 Jan 2022 14:10

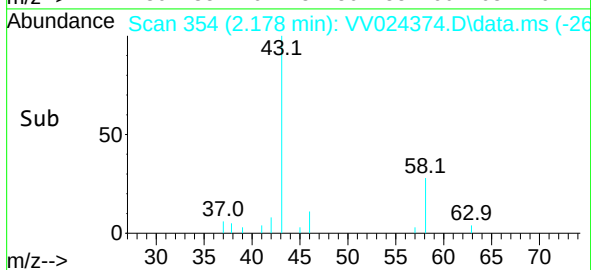
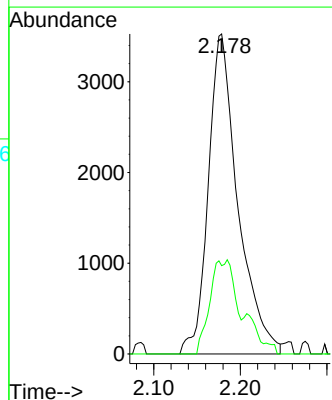
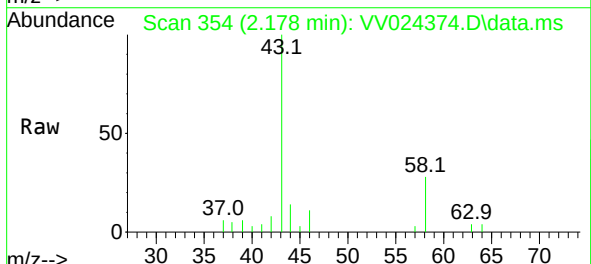
Instrument :  
MSVOA\_V  
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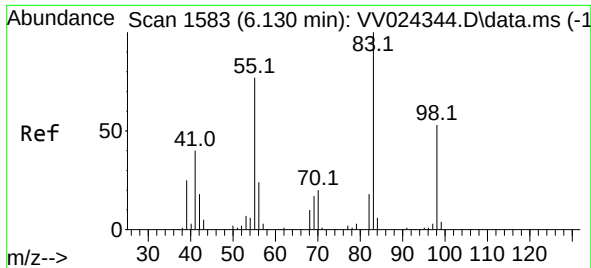
Tgt Ion:101 Resp: 1331  
Ion Ratio Lower Upper  
101 100  
85 0.0 35.3 52.9#  
151 0.0 67.1 100.7#



#13  
Acetone  
Concen: 6.962 ug/L  
RT: 2.178 min Scan# 354  
Delta R.T. -0.003 min  
Lab File: VV024374.D  
Acq: 17 Jan 2022 14:10

Tgt Ion: 43 Resp: 8375  
Ion Ratio Lower Upper  
43 100  
58 12.9 0.0 63.0

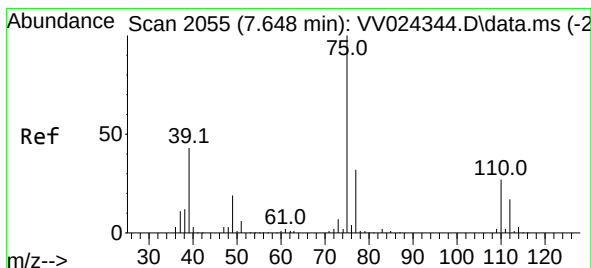
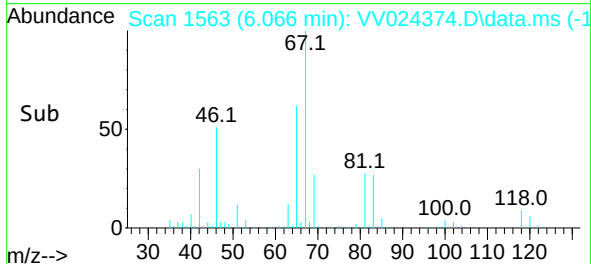
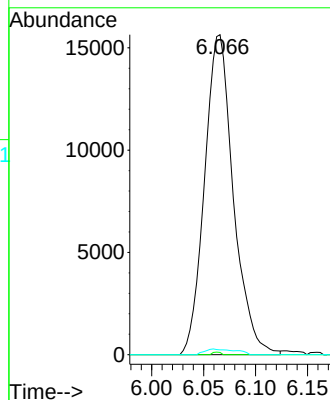
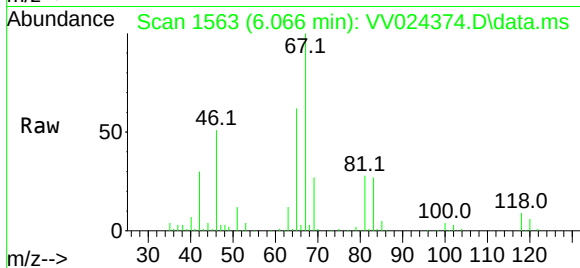




#35  
Methylcyclohexane  
Concen: 10.325 ug/L  
RT: 6.066 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VV024374.D  
Acq: 17 Jan 2022 14:10

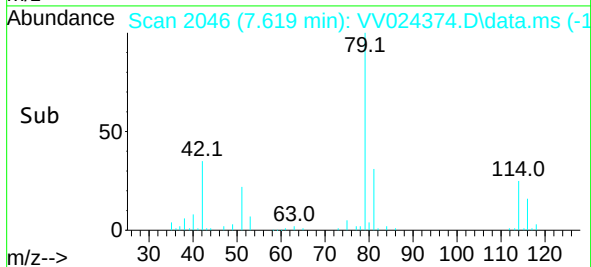
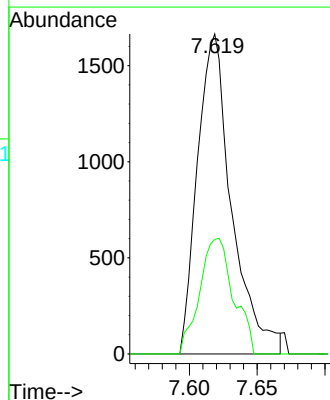
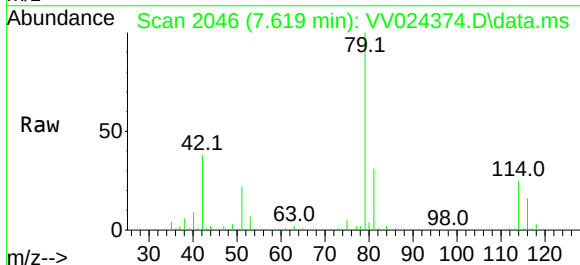
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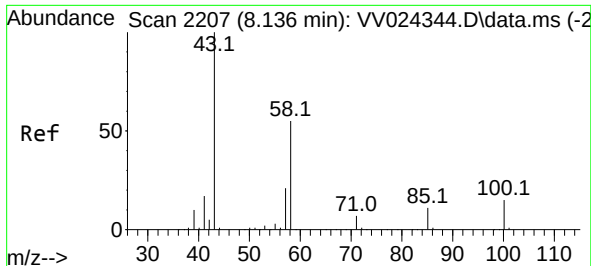
Tgt Ion: 83 Resp: 30150  
Ion Ratio Lower Upper  
83 100  
55 0.2 55.6 83.4#  
98 1.5 41.3 61.9#



#44  
trans-1,3-Dichloropropene  
Concen: 1.021 ug/L  
RT: 7.619 min Scan# 2046  
Delta R.T. -0.029 min  
Lab File: VV024374.D  
Acq: 17 Jan 2022 14:10

Tgt Ion: 75 Resp: 2923  
Ion Ratio Lower Upper  
75 100  
77 35.8 22.7 42.1

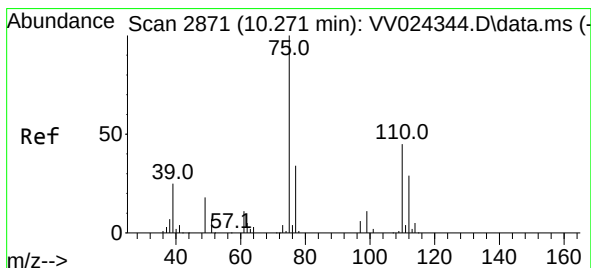
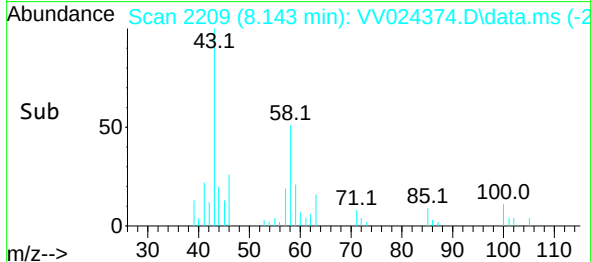
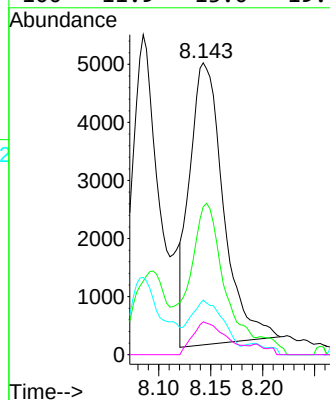
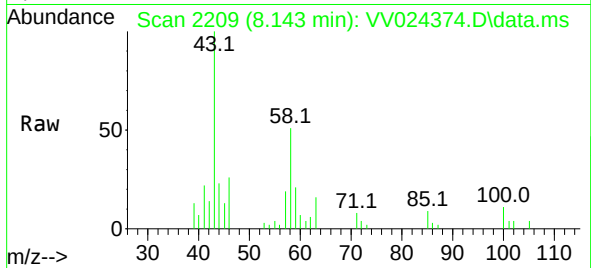




#48  
2-Hexanone  
Concen: 6.206 ug/L  
RT: 8.143 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VV024374.D  
Acq: 17 Jan 2022 14:10

Instrument :  
MSVOA\_V  
ClientSampleId :  
BGLX7RE

|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 10916     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 43.9 45.0 67.4# |
| 57          | 17.4 16.9 25.3  |
| 100         | 11.9 13.0 19.4# |



#61  
1,2,3-Trichloropropane  
Concen: 7.032 ug/L  
RT: 11.246 min Scan# 3174  
Delta R.T. 0.974 min  
Lab File: VV024374.D  
Acq: 17 Jan 2022 14:10

|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 14273    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 36.1 26.9 40.3 |
| 110         | 3.0 37.1 55.7# |

