

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU083022\  
 Data File : VU050534.D  
 Acq On : 30 Aug 2022 22:51  
 Operator : SY/MD  
 Sample : N4363-06ME  
 Misc : 6.81g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVW1ME

Quant Time: Aug 31 02:00:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM083022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 31 01:47:14 2022  
 Response via : Initial Calibration

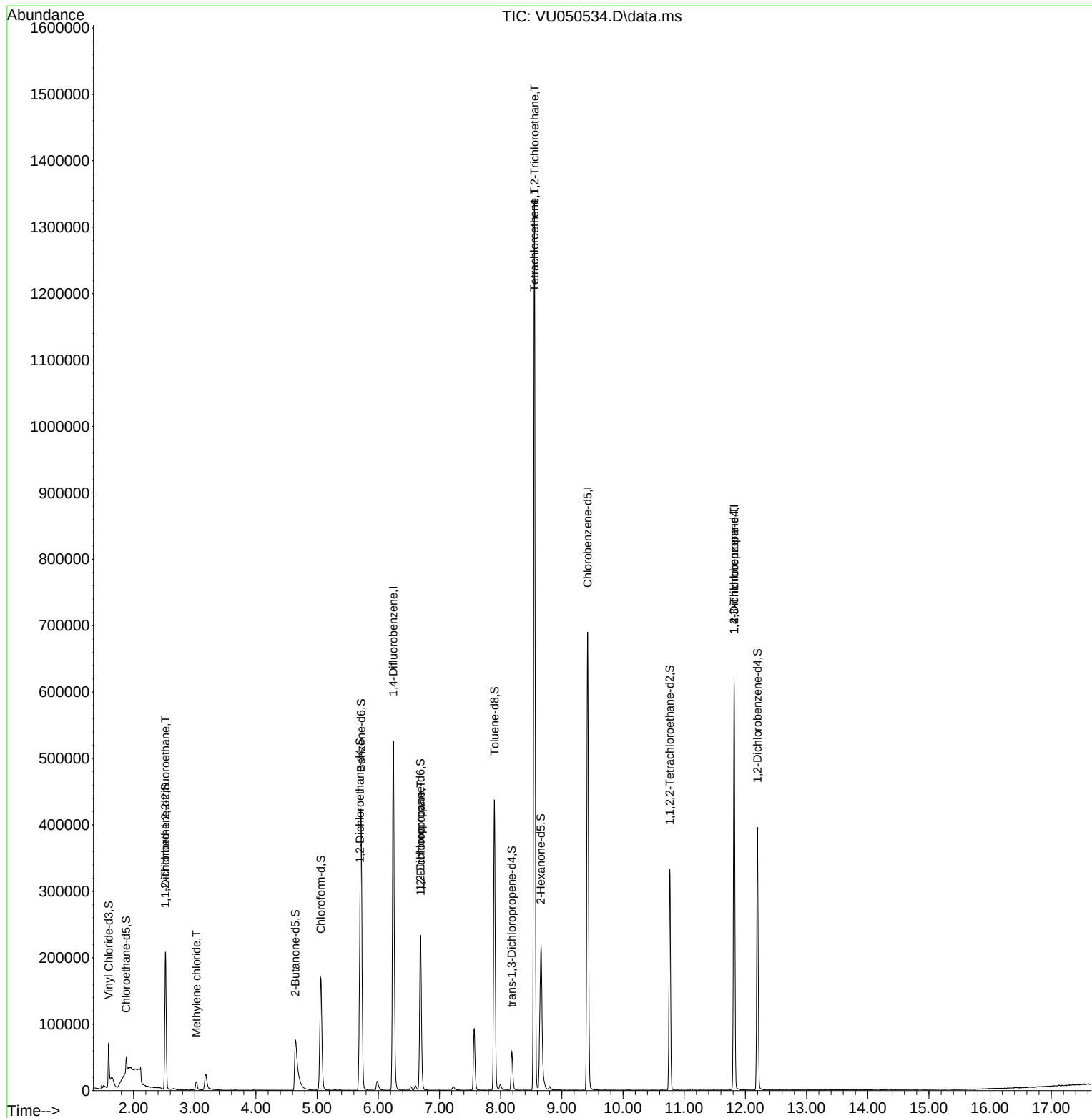
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 449551     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 426223     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 162614     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.591          | 65   | 56400      | 16.358   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 32.720%# |        |          |
| 7) Chloroethane-d5            | 1.880          | 69   | 18265      | 6.795    | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 13.580%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.520          | 63   | 123176     | 21.159   | ug/L   | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 42.320%# |        |          |
| 21) 2-Butanone-d5             | 4.645          | 46   | 157566     | 52.253   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 52.250%  |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 170066     | 25.349   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 50.700%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 114233     | 26.213   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 52.420%# |        |          |
| 32) Benzene-d6                | 5.719          | 84   | 370156     | 28.020   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 56.040%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 120294     | 27.348   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 54.700%# |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 311724     | 27.124   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 54.240%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 37420      | 21.153   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 42.300%# |        |          |
| 47) 2-Hexanone-d5             | 8.658          | 63   | 94822      | 59.538   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 59.540%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 171156     | 24.947   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 49.900%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 104472     | 29.673   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 59.340%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.520          | 101  | 1101       | 0.371    | ug/L # | 20       |
| 16) Methylene chloride        | 3.025          | 84   | 7013       | 1.393    | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 6.693          | 63   | 13098      | 3.090    | ug/L # | 89       |
| 45) 1,1,2-Trichloroethane     | 8.555          | 97   | 2561       | 0.622    | ug/L # | 2        |
| 46) Tetrachloroethene         | 8.552          | 164  | 297843     | 119.834  | ug/L   | 97       |
| 60) 1,2,3-Trichloropropane    | 11.815         | 75   | 19962      | 4.089    | ug/L # | 67       |
| -----                         |                |      |            |          |        |          |

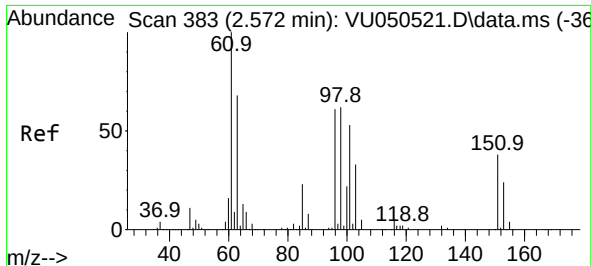
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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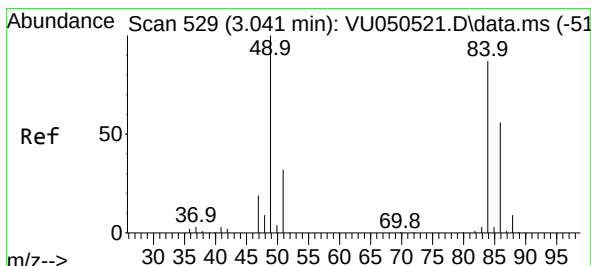
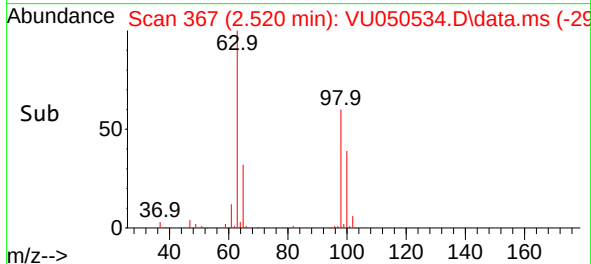
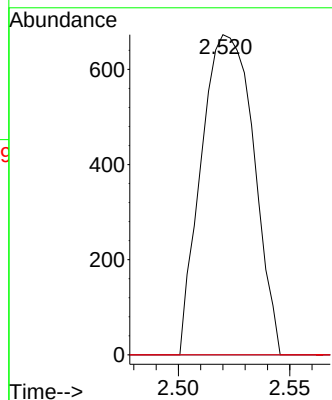
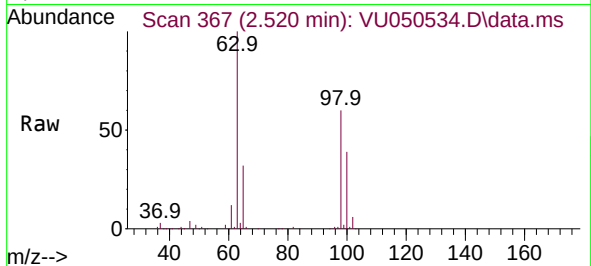




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.371 ug/L  
RT: 2.520 min Scan# 30  
Delta R.T. -0.052 min  
Lab File: VU050534.D  
Acq: 30 Aug 2022 22:51

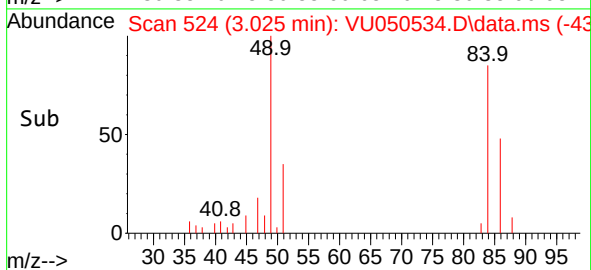
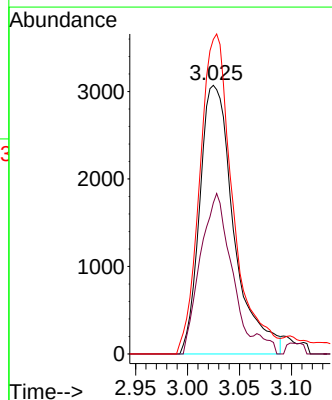
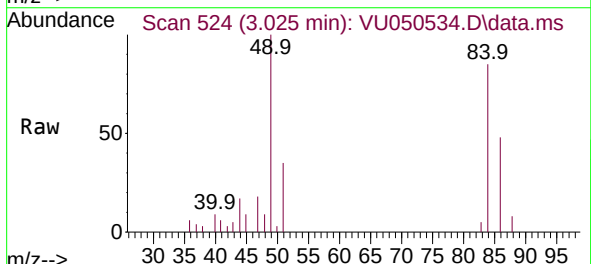
Instrument :  
MSVOA\_U  
ClientSampleId :  
DBVW1ME

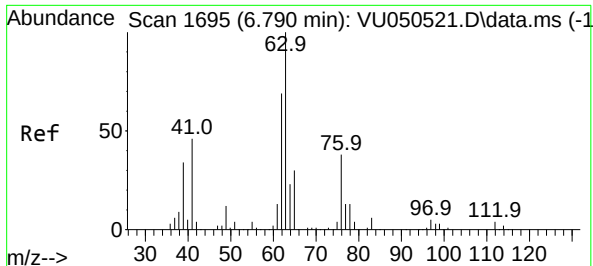
Tgt Ion:101 Resp: 1101  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 52.0#  
151 0.0 58.2 87.2#



#16  
Methylene chloride  
Concen: 1.393 ug/L  
RT: 3.025 min Scan# 524  
Delta R.T. -0.016 min  
Lab File: VU050534.D  
Acq: 30 Aug 2022 22:51

Tgt Ion: 84 Resp: 7013  
Ion Ratio Lower Upper  
84 100  
86 56.2 44.3 82.3  
49 117.1 78.8 146.3

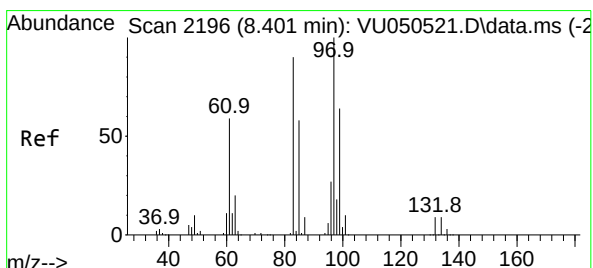
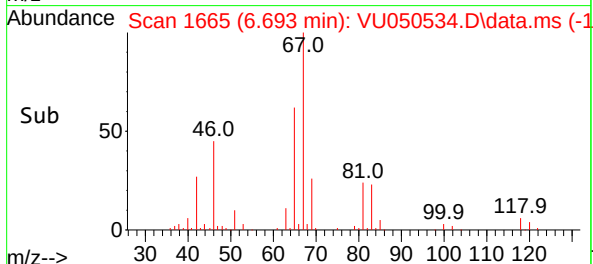
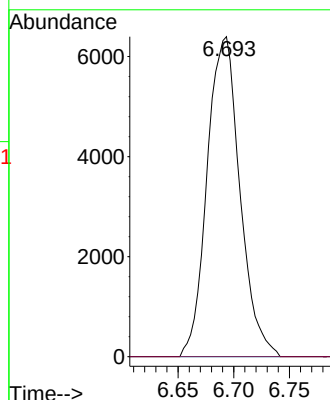
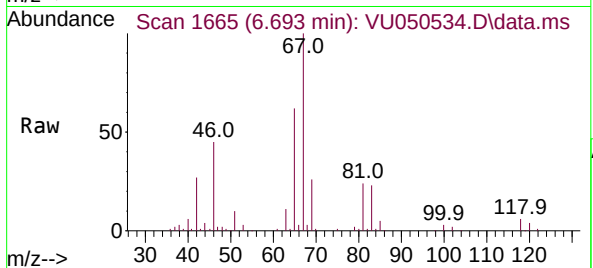




#37  
1,2-Dichloropropane  
Concen: 3.090 ug/L  
RT: 6.693 min Scan# 1  
Delta R.T. -0.097 min  
Lab File: VU050534.D  
Acq: 30 Aug 2022 22:51

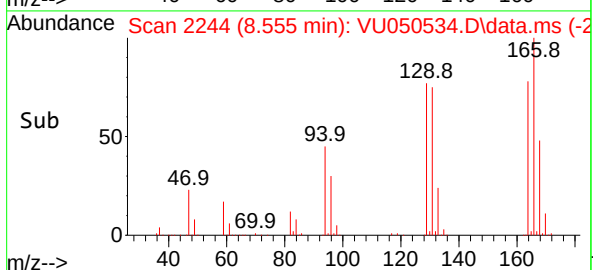
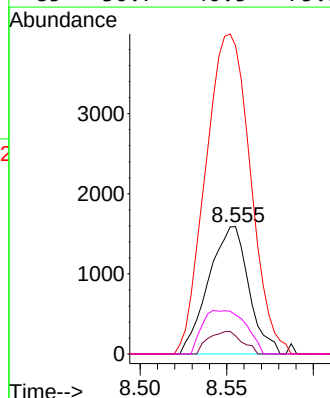
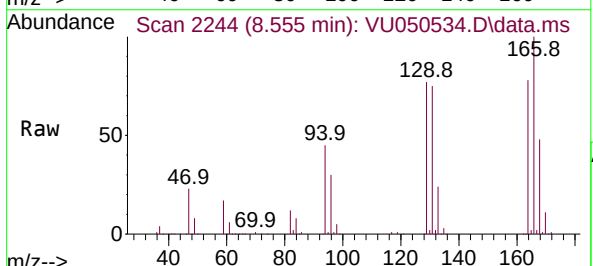
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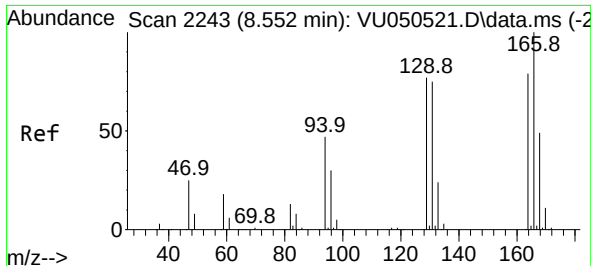
Tgt Ion: 63 Resp: 13098  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



#45  
1,1,2-Trichloroethane  
Concen: 0.622 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.154 min  
Lab File: VU050534.D  
Acq: 30 Aug 2022 22:51

Tgt Ion: 97 Resp: 2561  
Ion Ratio Lower Upper  
97 100  
99 14.2 44.3 82.3#  
83 242.0 62.1 115.3#  
85 30.7 40.5 75.1#

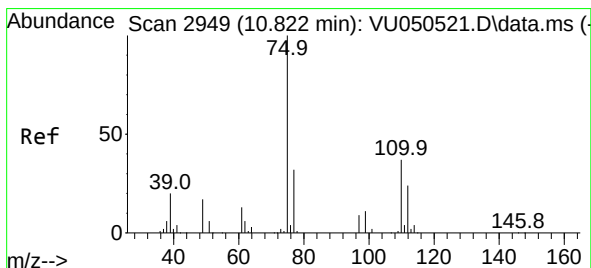
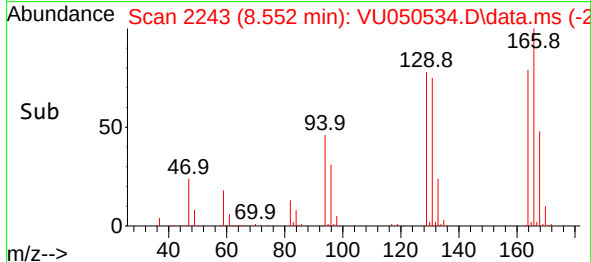
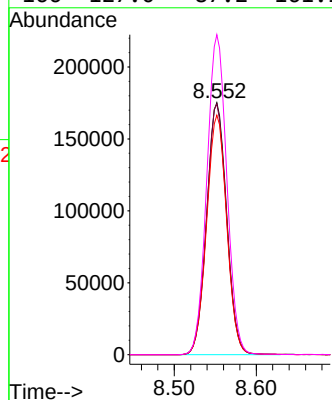
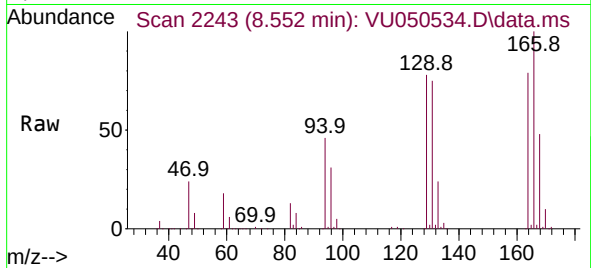




#46  
Tetrachloroethene  
Concen: 119.834 ug/L  
RT: 8.552 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU050534.D  
Acq: 30 Aug 2022 22:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBVW1ME

Tgt Ion:164 Resp: 297843  
Ion Ratio Lower Upper  
164 100  
129 99.5 67.5 125.3  
131 95.0 63.8 118.4  
166 127.0 87.2 161.9



#60  
1,2,3-Trichloropropane  
Concen: 4.089 ug/L  
RT: 11.815 min Scan# 3258  
Delta R.T. 0.993 min  
Lab File: VU050534.D  
Acq: 30 Aug 2022 22:51

Tgt Ion: 75 Resp: 19962  
Ion Ratio Lower Upper  
75 100  
77 34.7 26.2 39.4  
110 1.4 29.0 43.6#

