

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092321\  
 Data File : VV022309.D  
 Acq On : 24 Sep 2021 01:52  
 Operator : SY/MD  
 Sample : M3878-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 24 05:12:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 24 05:07:58 2021  
 Response via : Initial Calibration

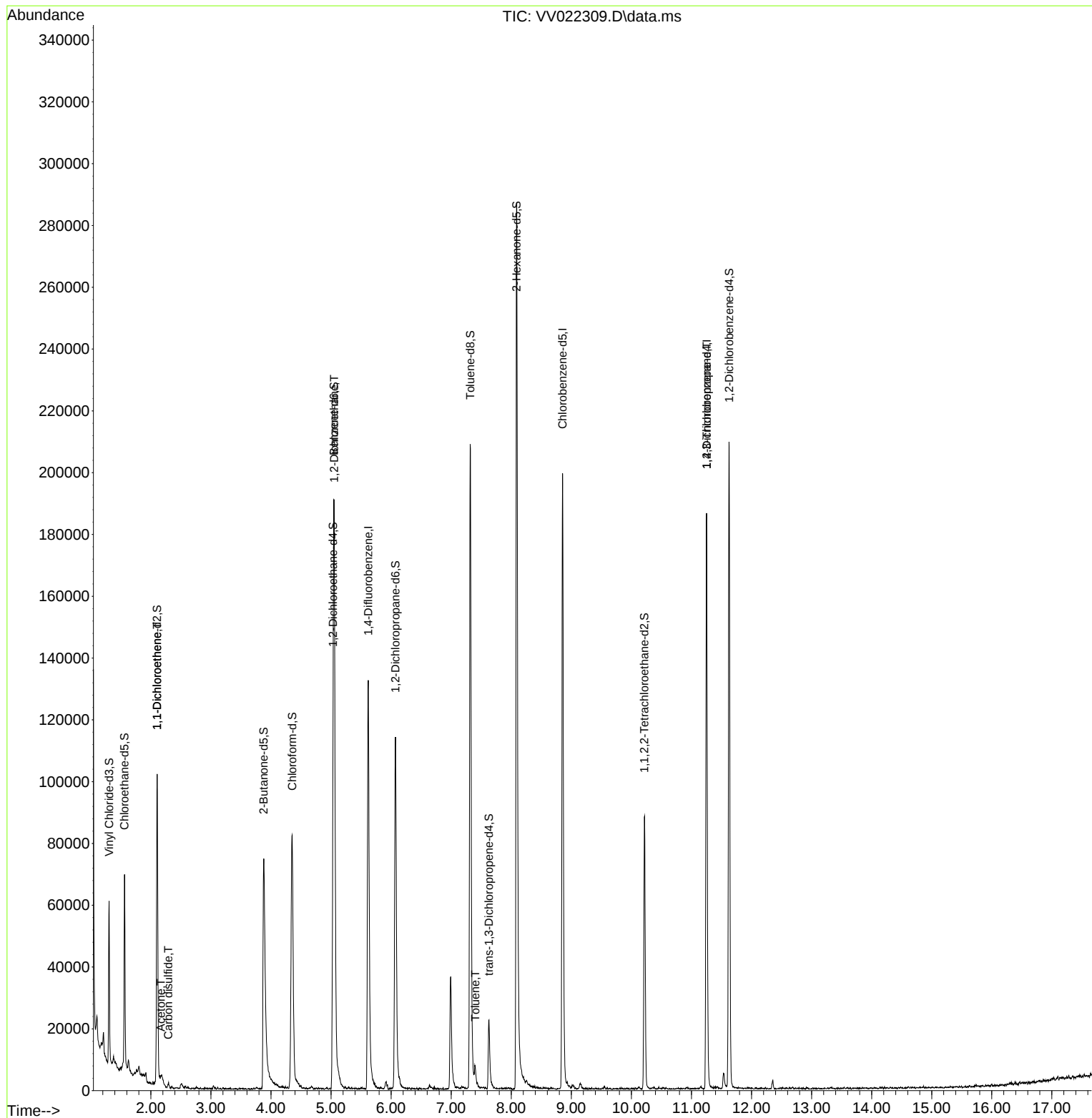
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114            | 117288   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854     | 117            | 116226   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252    | 152            | 50539    | 5.000      | ug/L   | 0.00     |
|                               |           |                |          |            |        |          |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.304     | 65             | 29577    | 5.004      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 100.000% |        |          |
| 7) Chloroethane-d5            | 1.561     | 69             | 36996    | 5.349      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 107.000% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.105     | 63             | 52364    | 3.716      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 74.400%  |        |          |
| 20) 2-Butanone-d5             | 3.880     | 46             | 125206   | 51.842     | ug/L   | -0.04    |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 103.680% |        |          |
| 24) Chloroform-d              | 4.352     | 84             | 89166    | 5.260      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 105.200% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034     | 65             | 43926    | 5.424      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 108.400% |        |          |
| 32) Benzene-d6                | 5.050     | 84             | 176688   | 5.406      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 108.200% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072     | 67             | 58004    | 5.683      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 113.600% |        |          |
| 41) Toluene-d8                | 7.317     | 98             | 142630   | 4.833      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 96.600%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.629     | 79             | 13203    | 4.235      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 84.800%  |        |          |
| 46) 2-Hexanone-d5             | 8.088     | 63             | 101589   | 52.414     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 104.820% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 42185    | 4.910      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 98.200%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628    | 152            | 54287    | 5.723      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 114.400% |        |          |
|                               |           |                |          |            |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.105     | 96             | 544      | 0.083      | ug/L # | 1        |
| 13) Acetone                   | 2.166     | 43             | 2063     | 1.507      | ug/L   | 71       |
| 14) Carbon disulfide          | 2.291     | 76             | 1269     | 0.057      | ug/L # | 80       |
| 27) 1,2-Dichloroethane        | 5.053     | 62             | 1045     | 0.126      | ug/L # | 71       |
| 42) Toluene                   | 7.400     | 91             | 5102     | 0.158      | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 11.252    | 75             | 5876     | 1.341      | ug/L # | 65       |
| -----                         |           |                |          |            |        |          |

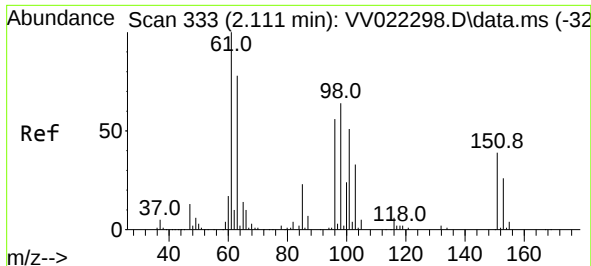
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Sep 24 05:12:04 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092321WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Sep 24 05:07:58 2021  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VV022309.D

Acq: 24 Sep 2021 01:52

Tgt Ion: 96 Resp: 544

Ion Ratio Lower Upper

96 100

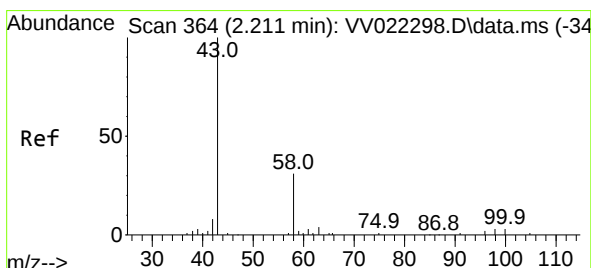
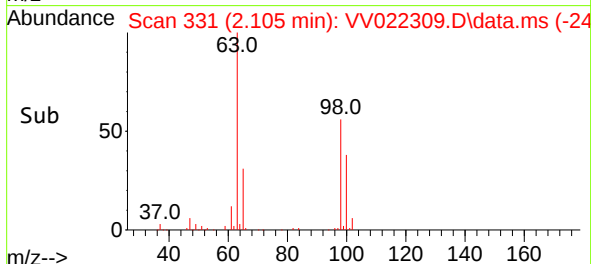
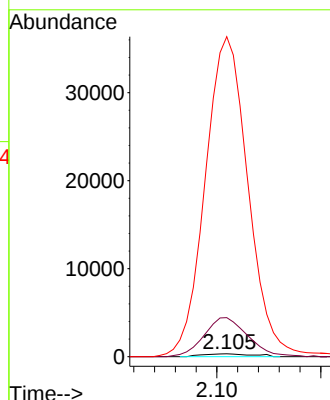
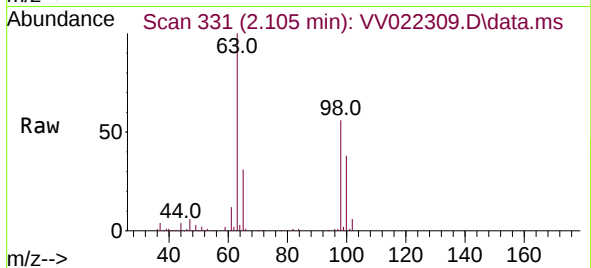
61 1351.4 127.4 236.6#

63 11054.1 100.0 185.6#

Instrument :

MSVOA\_V

ClientSampled :



#13

Acetone

Concen: 1.507 ug/L

RT: 2.166 min Scan# 350

Delta R.T. -0.045 min

Lab File: VV022309.D

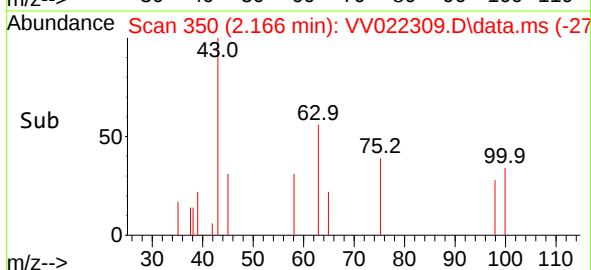
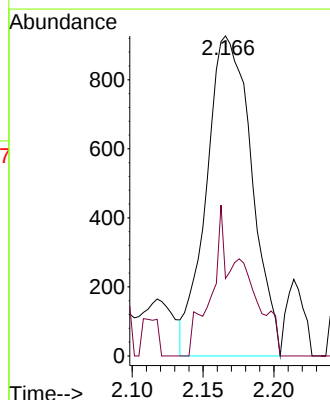
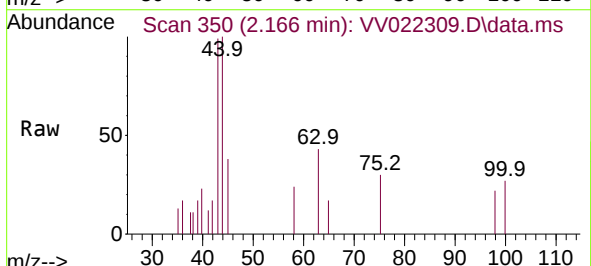
Acq: 24 Sep 2021 01:52

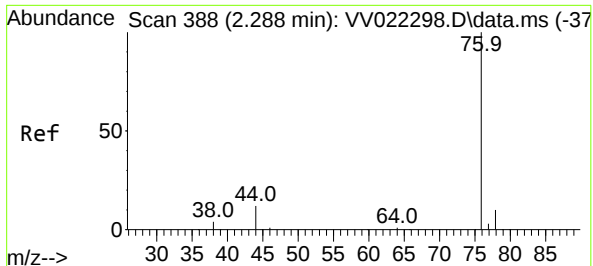
Tgt Ion: 43 Resp: 2063

Ion Ratio Lower Upper

43 100

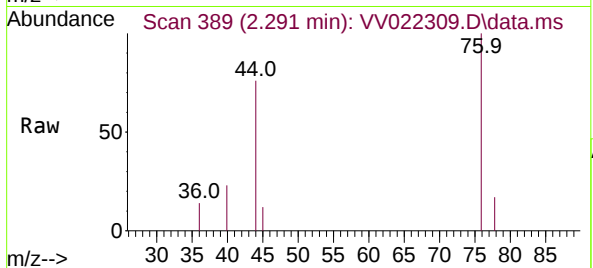
58 16.8 0.0 66.2



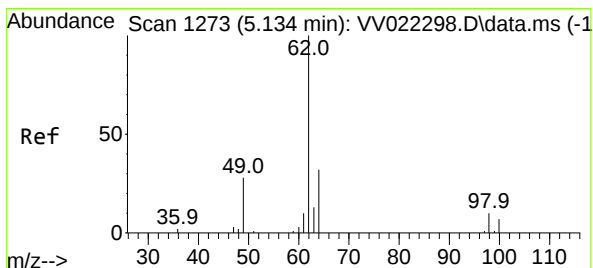
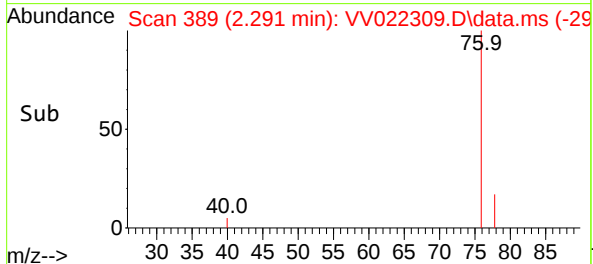
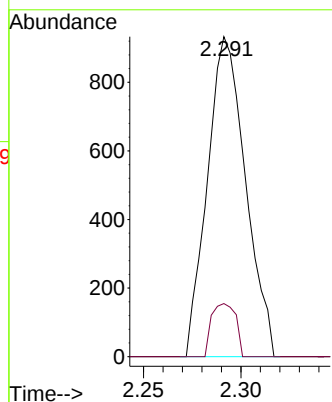


#14  
Carbon disulfide  
Concen: 0.057 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VV022309.D  
Acq: 24 Sep 2021 01:52

Instrument :  
MSVOA\_V  
ClientSampled :

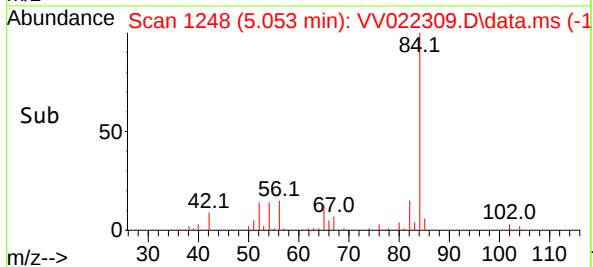
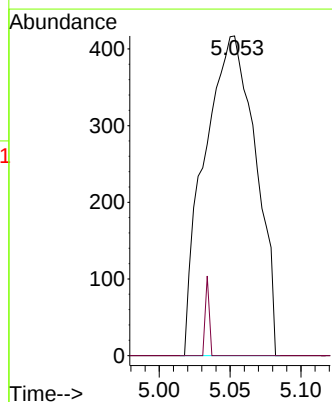
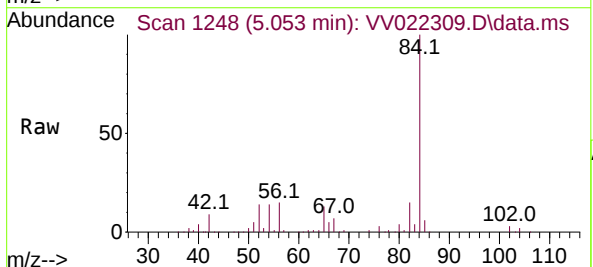


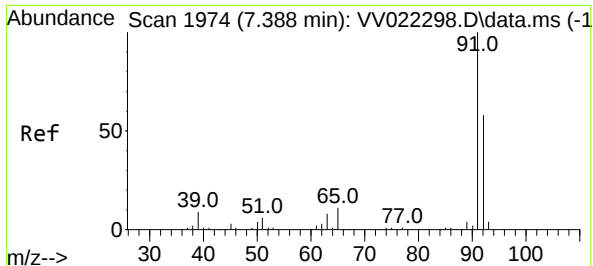
Tgt Ion: 76 Resp: 1269  
Ion Ratio Lower Upper  
76 100  
78 16.6 7.5 11.3#



#27  
1,2-Dichloroethane  
Concen: 0.126 ug/L  
RT: 5.053 min Scan# 1248  
Delta R.T. -0.080 min  
Lab File: VV022309.D  
Acq: 24 Sep 2021 01:52

Tgt Ion: 62 Resp: 1045  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.8 13.2#

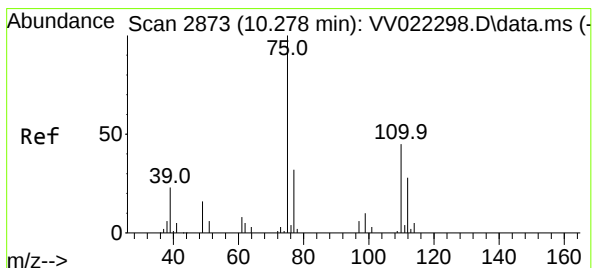
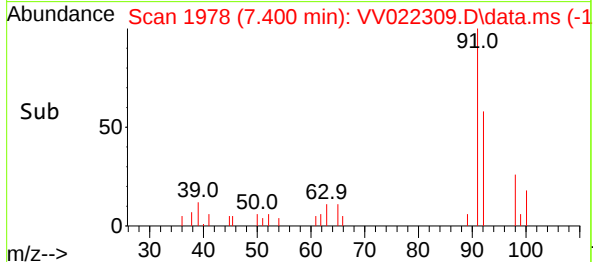
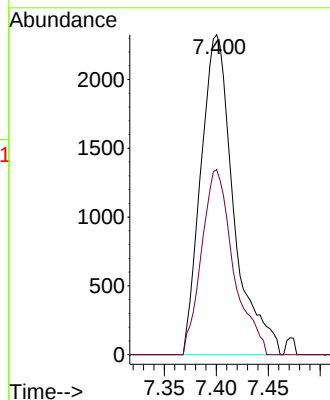
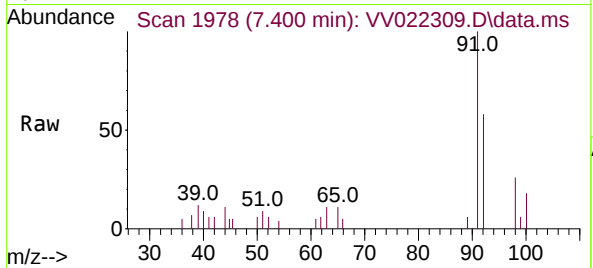




#42  
Toluene  
Concen: 0.158 ug/L  
RT: 7.400 min Scan# 1978  
Delta R.T. 0.013 min  
Lab File: VV022309.D  
Acq: 24 Sep 2021 01:52

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 91 Resp: 5102  
Ion Ratio Lower Upper  
91 100  
92 57.8 40.6 75.4



#61  
1,2,3-Trichloropropane  
Concen: 1.341 ug/L  
RT: 11.252 min Scan# 3176  
Delta R.T. 0.974 min  
Lab File: VV022309.D  
Acq: 24 Sep 2021 01:52

Tgt Ion: 75 Resp: 5876  
Ion Ratio Lower Upper  
75 100  
77 33.9 25.5 38.3  
110 2.6 31.7 47.5#

