

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120821\  
 Data File : VW023839.D  
 Acq On : 08 Dec 2021 16:09  
 Operator : SY/MD  
 Sample : M4889-15  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 09 00:34:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 02 02:08:23 2021  
 Response via : Initial Calibration

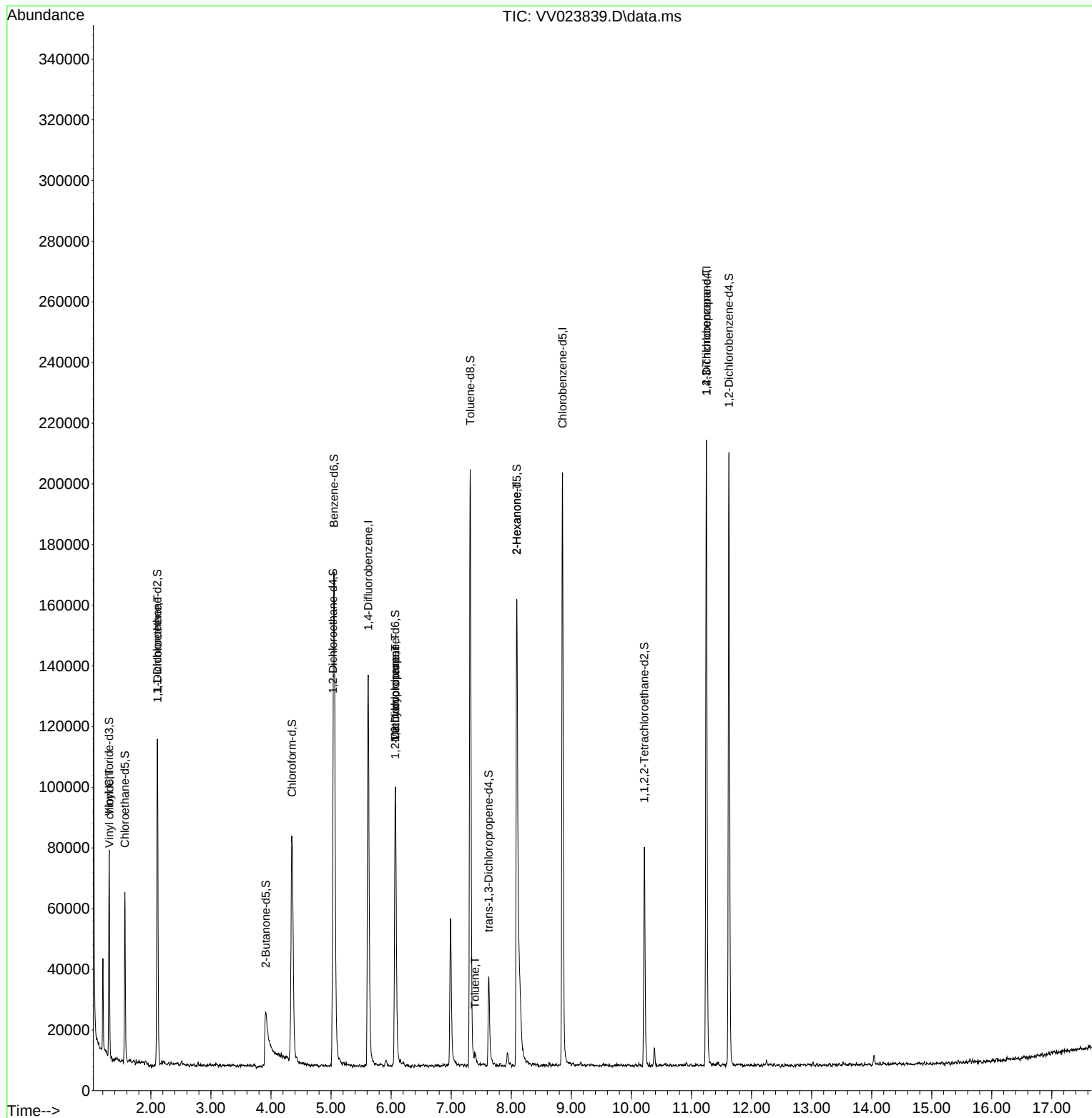
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 115592   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 112129   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 56042    | 5.000  | ug/L      | 0.00     |
|                               |        |                |          |        |           |          |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 41332    | 4.356  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 87.200%   |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 32056    | 4.298  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.000%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 55936    | 3.345  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 66.800%   |          |
| 20) 2-Butanone-d5             | 3.912  | 46             | 40844    | 35.805 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 71.600%   |          |
| 24) Chloroform-d              | 4.349  | 84             | 79939    | 4.838  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.800%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 39174    | 5.075  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.400%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 153447   | 5.024  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 43155    | 5.040  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 100.800%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 133923   | 4.693  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.800%   |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 18011    | 5.218  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 104.400%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 76412    | 66.630 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 133.260%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 32205    | 5.226  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 104.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 54445    | 5.495  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 109.800%  |          |
|                               |        |                |          |        |           |          |
| Target Compounds              |        |                |          |        |           |          |
| 5) Vinyl chloride             | 1.310  | 62             | 500      | 0.050  | ug/L #    | 1        |
| 12) 1,1-Dichloroethene        | 2.111  | 96             | 594      | 0.077  | ug/L #    | 1        |
| 35) Methylcyclohexane         | 6.069  | 83             | 11373    | 0.852  | ug/L #    | 18       |
| 37) 1,2-Dichloropropane       | 6.066  | 63             | 5376     | 0.707  | ug/L #    | 84       |
| 42) Toluene                   | 7.397  | 91             | 2451     | 0.071  | ug/L      | 97       |
| 48) 2-Hexanone                | 8.091  | 43             | 9366     | 3.493  | ug/L #    | 66       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 6118     | 1.539  | ug/L #    | 65       |
| -----                         |        |                |          |        |           |          |

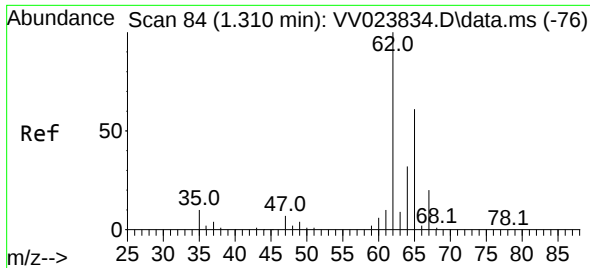
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 02 02:08:23 2021  
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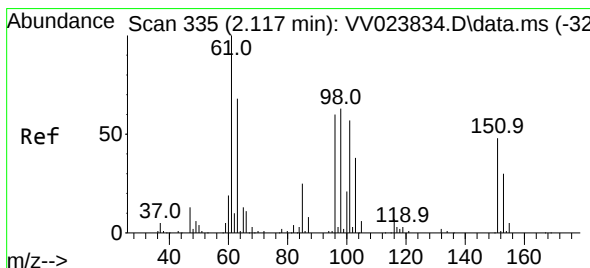
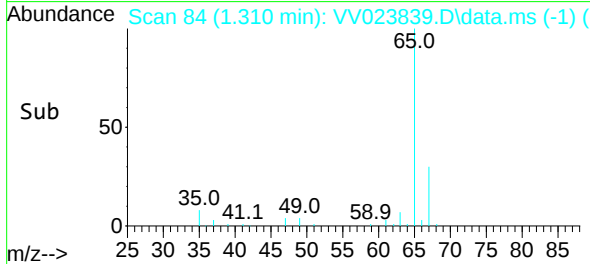
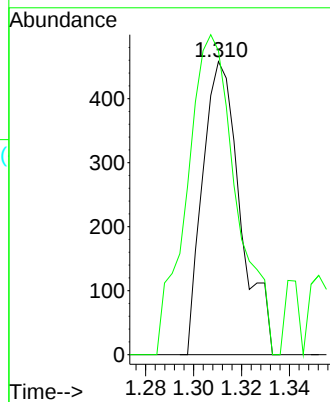
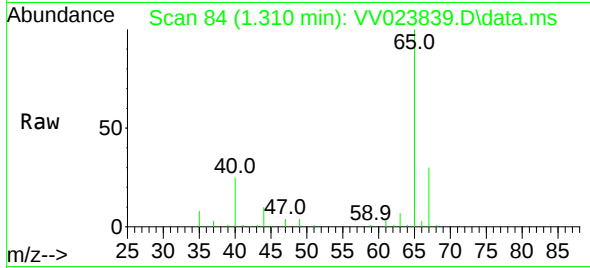




#5  
 Vinyl chloride  
 Concen: 0.050 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VV023839.D  
 Acq: 08 Dec 2021 16:09

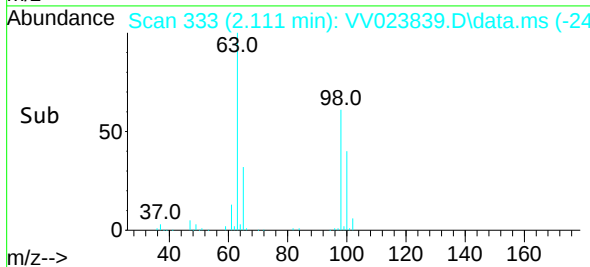
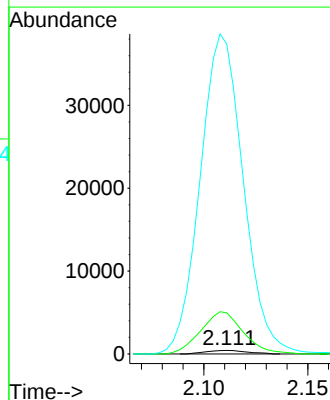
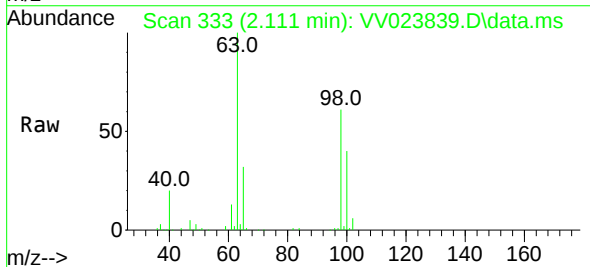
Instrument :  
 MSVOA\_V  
 ClientSampleId :

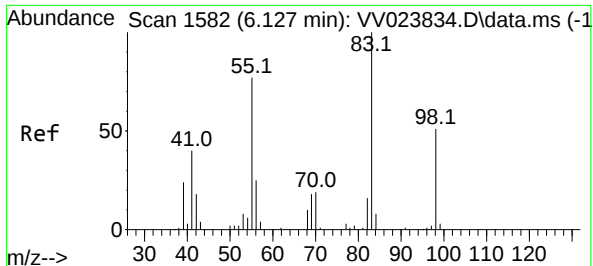
Tgt Ion: 62 Resp: 500  
 Ion Ratio Lower Upper  
 62 100  
 64 103.7 22.4 41.6#



#12  
 1,1-Dichloroethene  
 Concen: 0.077 ug/L  
 RT: 2.111 min Scan# 333  
 Delta R.T. -0.006 min  
 Lab File: VV023839.D  
 Acq: 08 Dec 2021 16:09

Tgt Ion: 96 Resp: 594  
 Ion Ratio Lower Upper  
 96 100  
 61 1152.3 116.1 215.5#  
 63 8699.5 79.4 147.4#





#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023839.D

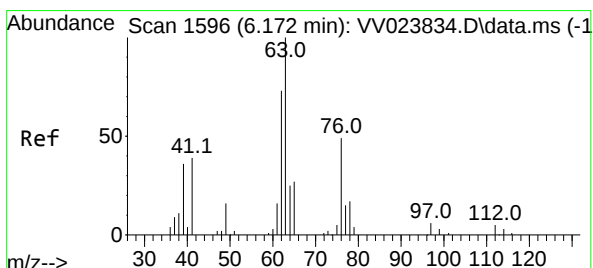
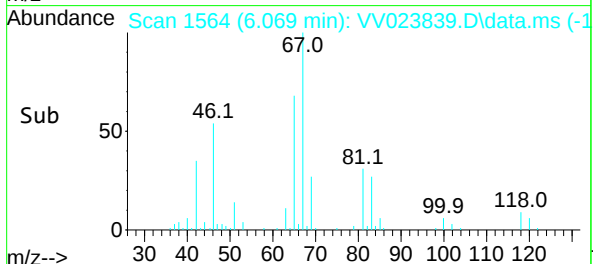
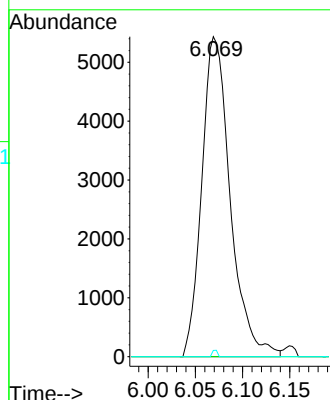
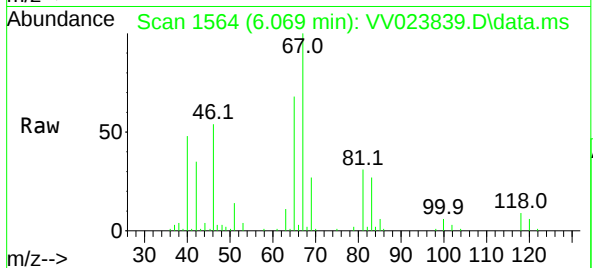
Acq: 08 Dec 2021 16:09

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 11373 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 60.2 90.2#  |
| 98 0.4      | 41.0 61.4#  |



#37

1,2-Dichloropropane

Concen: 0.707 ug/L

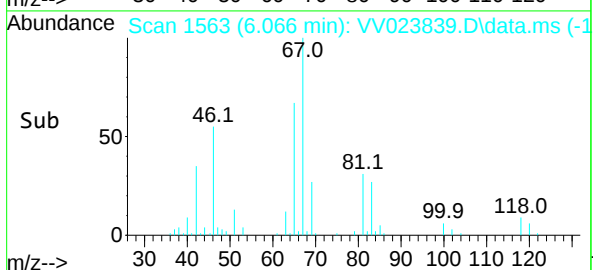
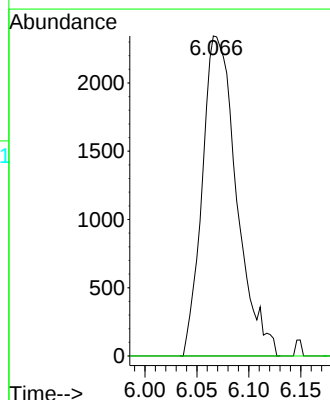
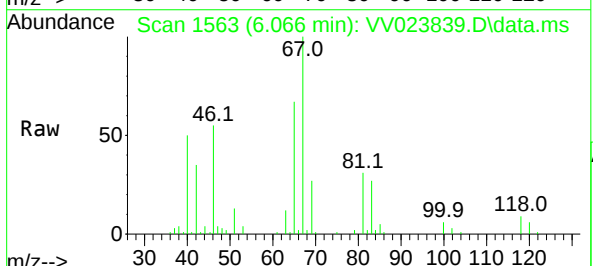
RT: 6.066 min Scan# 1563

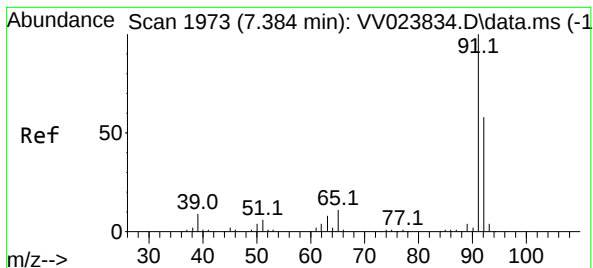
Delta R.T. -0.103 min

Lab File: VV023839.D

Acq: 08 Dec 2021 16:09

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 5376  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 4.3 6.5#    |





#42

Toluene

Concen: 0.071 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023839.D

Acq: 08 Dec 2021 16:09

Instrument :

MSVOA\_V

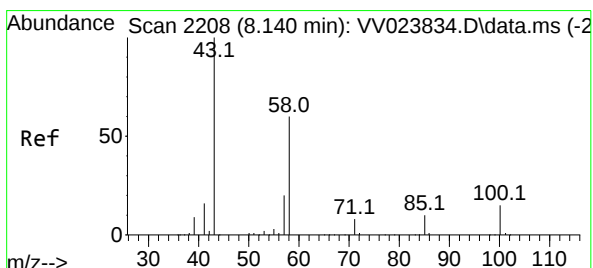
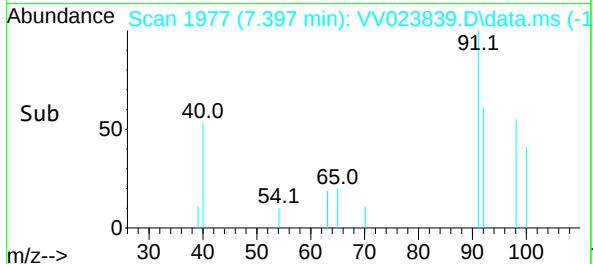
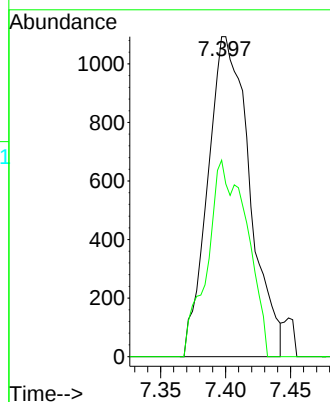
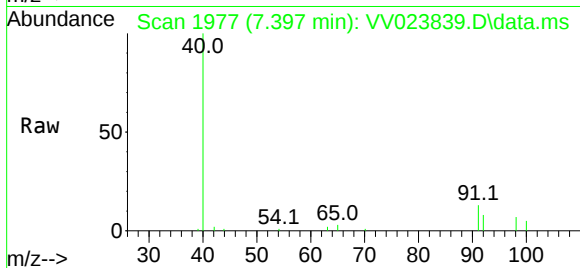
ClientSampleId :

Tgt Ion: 91 Resp: 2451

Ion Ratio Lower Upper

91 100

92 61.4 41.5 77.1



#48

2-Hexanone

Concen: 3.493 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV023839.D

Acq: 08 Dec 2021 16:09

Tgt Ion: 43 Resp: 9366

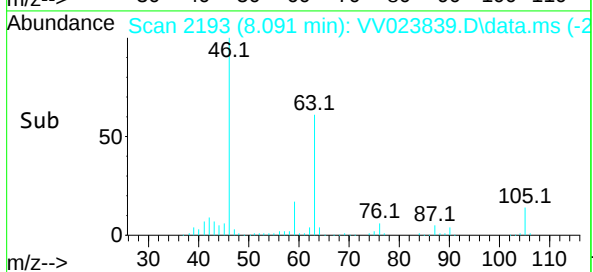
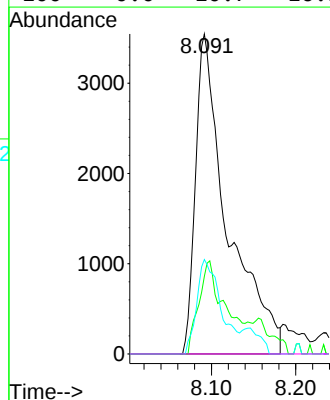
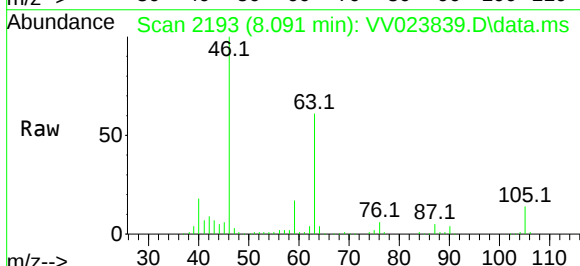
Ion Ratio Lower Upper

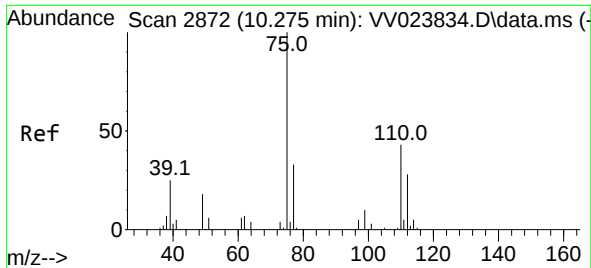
43 100

58 24.2 44.5 66.7#

57 22.5 15.1 22.7

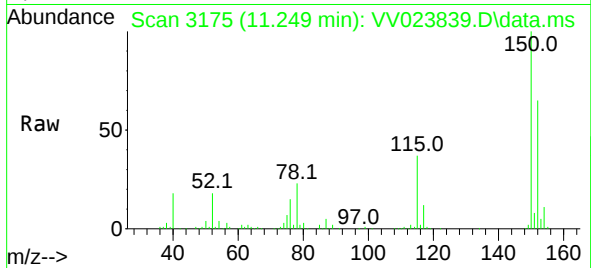
100 0.0 10.7 16.1#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.539 ug/L  
 RT: 11.249 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV023839.D  
 Acq: 08 Dec 2021 16:09

Instrument :  
 MSVOA\_V  
 ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.7  | 26.4  | 39.6  |
| 110     | 3.1   | 34.2  | 51.2# |

