

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120821\  
 Data File : VW023849.D  
 Acq On : 08 Dec 2021 20:07  
 Operator : SY/MD  
 Sample : M4889-25  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 09 00:35:32 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

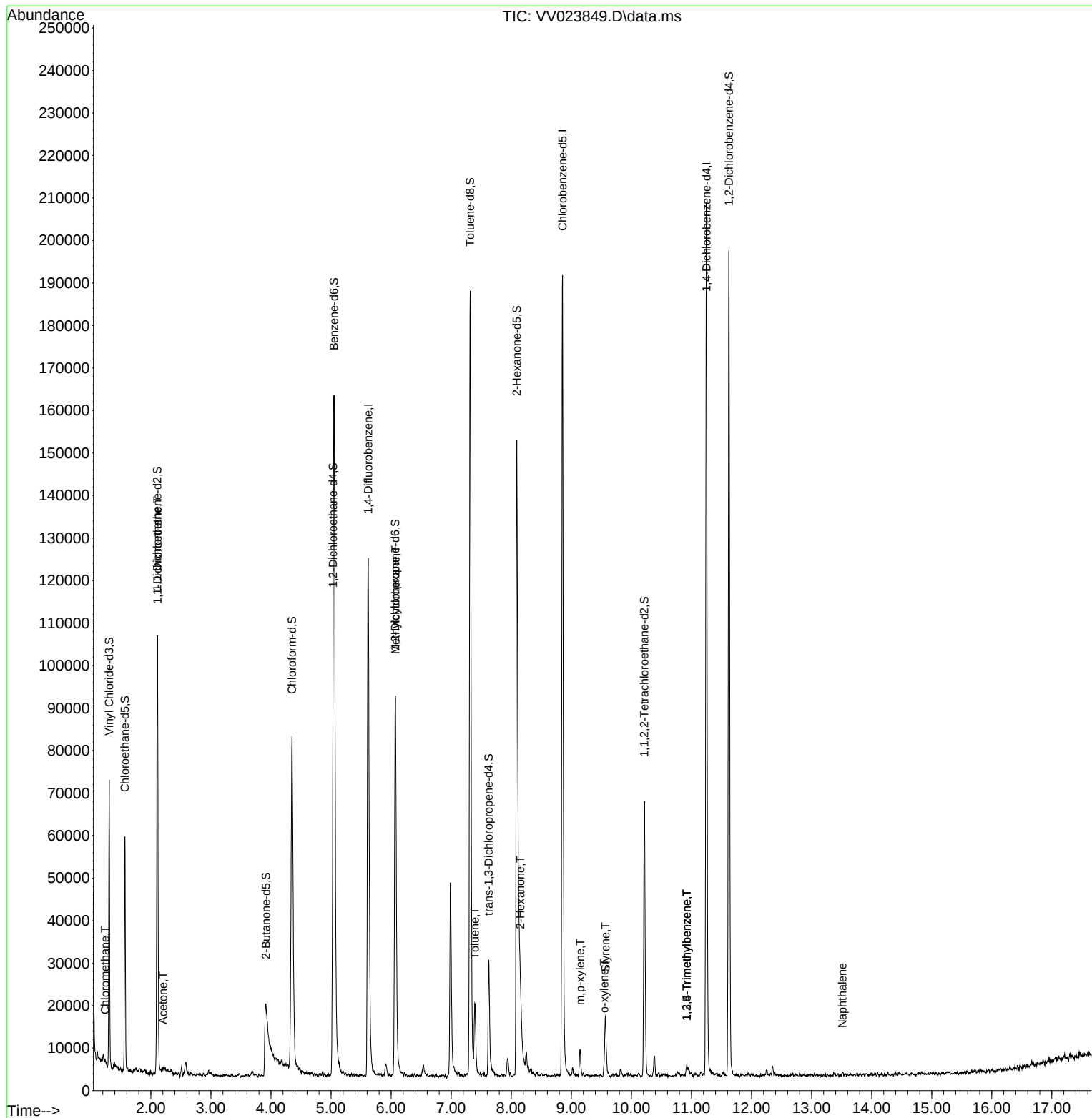
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 112975   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 109188   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 54322    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 39450    | 4.254    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 85.000%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 32815    | 4.501    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 90.000%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 52975    | 3.241    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.800%   |
| 20) 2-Butanone-d5             | 3.915  | 46    | 36049    | 32.333   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 64.660%   |
| 24) Chloroform-d              | 4.349  | 84    | 77280    | 4.785    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.800%   |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 38129    | 5.054    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.000%  |
| 32) Benzene-d6                | 5.050  | 84    | 143940   | 4.840    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.800%   |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 41980    | 5.034    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 126418   | 4.549    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.000%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 16680    | 4.963    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 99.200%   |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 73073    | 65.435   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 130.860%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 30730    | 5.121    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 52117    | 5.427    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 108.600%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 3) Chloromethane              | 1.240  | 50    | 514      | 0.055    | ug/L # | 69        |
| 12) 1,1-Dichloroethene        | 2.111  | 96    | 497      | 0.066    | ug/L # | 1         |
| 13) Acetone                   | 2.201  | 43    | 2571     | 2.563    | ug/L   | 81        |
| 35) Methylcyclohexane         | 6.072  | 83    | 11459    | 0.881    | ug/L # | 18        |
| 42) Toluene                   | 7.394  | 91    | 12638    | 0.374    | ug/L   | 100       |
| 48) 2-Hexanone                | 8.150  | 43    | 2237     | 0.857    | ug/L # | 64        |
| 53) m,p-xylene                | 9.146  | 106   | 2136     | 0.152    | ug/L   | 77        |
| 54) o-xylene                  | 9.548  | 106   | 872      | 0.065    | ug/L   | 87        |
| 55) Styrene                   | 9.567  | 104   | 7413     | 0.329    | ug/L   | 100       |
| 62) 1,3,5-Trimethylbenzene    | 10.921 | 105   | 1759     | 0.065    | ug/L   | 90        |
| 63) 1,2,4-Trimethylbenzene    | 10.921 | 105   | 1759     | 0.066    | ug/L   | 96        |
| 71) Naphthalene               | 13.513 | 128   | 825      | 0.061    | ug/L # | 72        |
| -----                         |        |       |          |          |        |           |

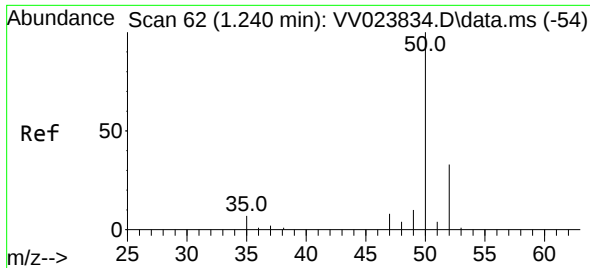
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV120821\  
Data File : VV023849.D  
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Operator : SY/MD  
Sample : M4889-25  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Dec 09 00:35:32 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

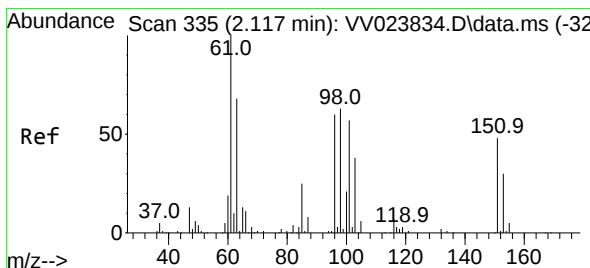
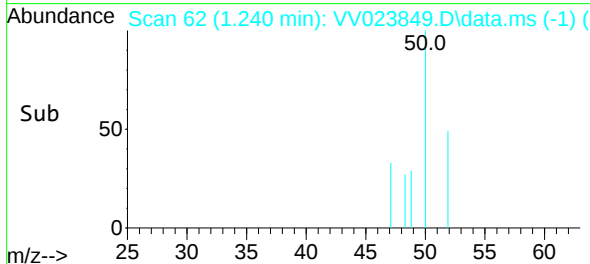
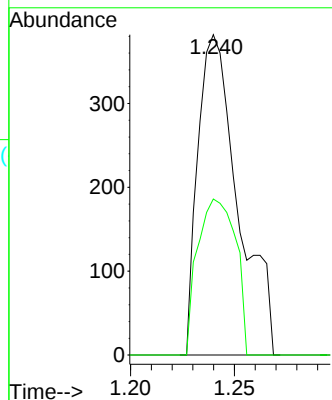
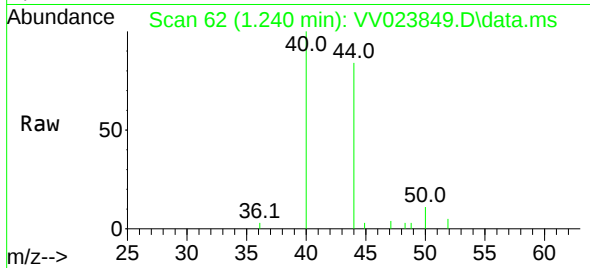




#3  
Chloromethane  
Concen: 0.055 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV023849.D  
Acq: 08 Dec 2021 20:07

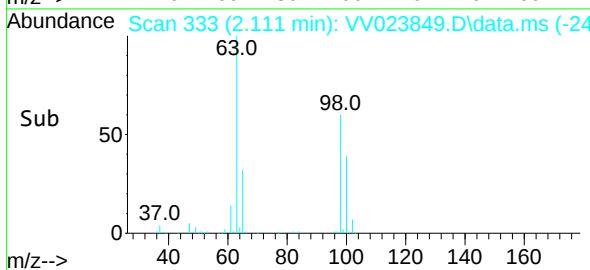
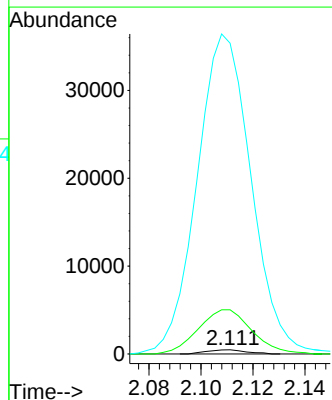
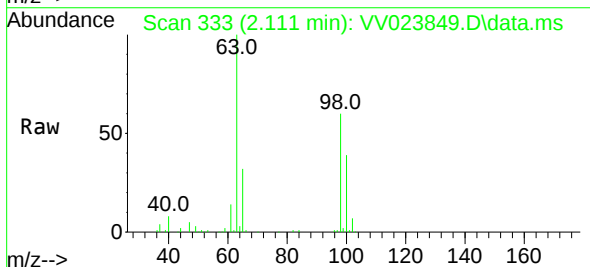
Instrument :  
MSVOA\_V  
ClientSampleId :

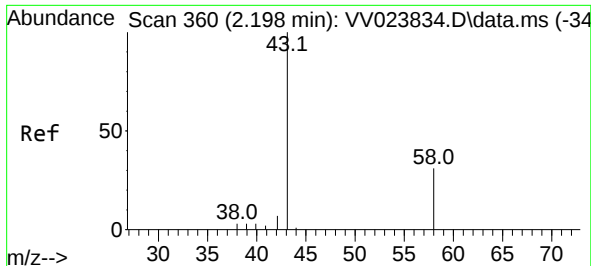
Tgt Ion: 50 Resp: 514  
Ion Ratio Lower Upper  
50 100  
52 48.7 22.0 41.0#



#12  
1,1-Dichloroethene  
Concen: 0.066 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. -0.006 min  
Lab File: VV023849.D  
Acq: 08 Dec 2021 20:07

Tgt Ion: 96 Resp: 497  
Ion Ratio Lower Upper  
96 100  
61 1079.6 116.1 215.5#  
63 7606.0 79.4 147.4#





#13

Acetone

Concen: 2.563 ug/L

RT: 2.201 min Scan# 3

Delta R.T. -0.022 min

Lab File: VV023849.D

Acq: 08 Dec 2021 20:07

Instrument :

MSVOA\_V

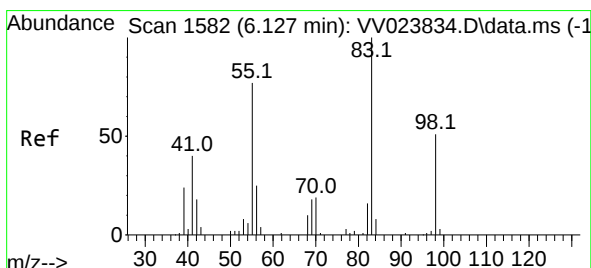
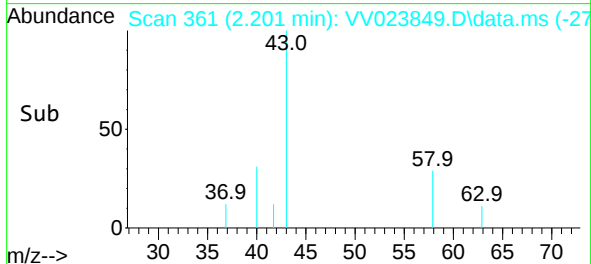
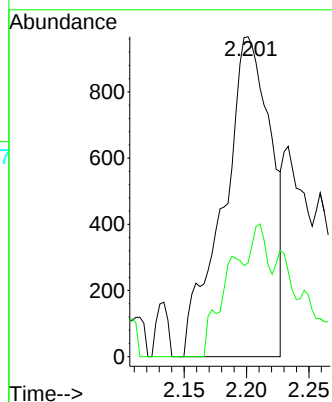
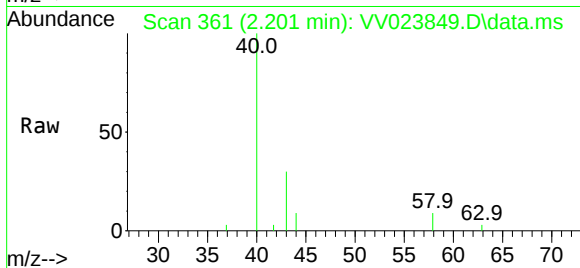
ClientSampleId :

Tgt Ion: 43 Resp: 2571

Ion Ratio Lower Upper

43 100

58 11.7 0.0 41.4



#35

Methylcyclohexane

Concen: 0.881 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.054 min

Lab File: VV023849.D

Acq: 08 Dec 2021 20:07

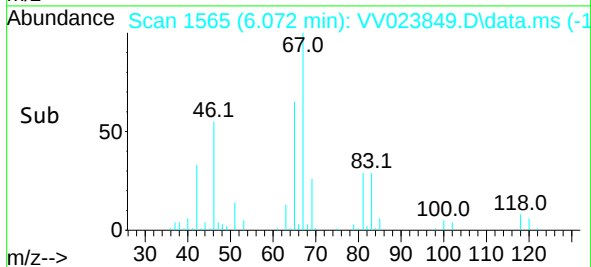
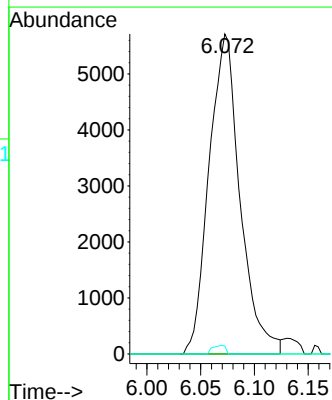
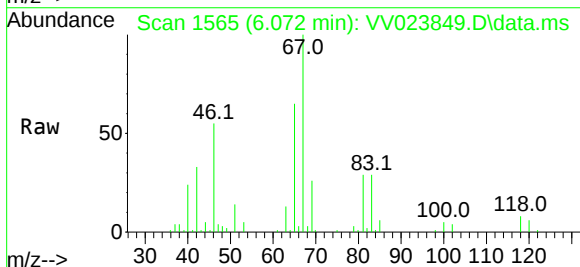
Tgt Ion: 83 Resp: 11459

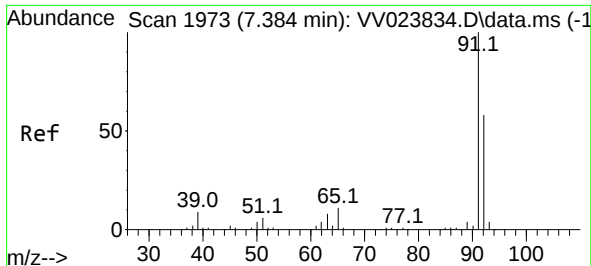
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 1.1 41.0 61.4#





#42

Toluene

Concen: 0.374 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV023849.D

Acq: 08 Dec 2021 20:07

Instrument :

MSVOA\_V

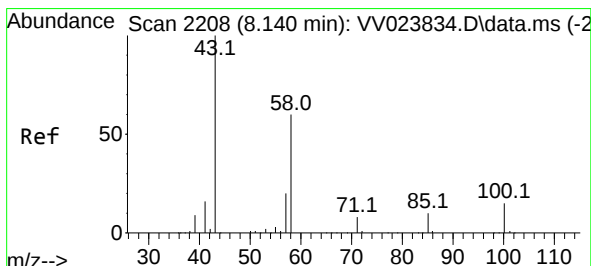
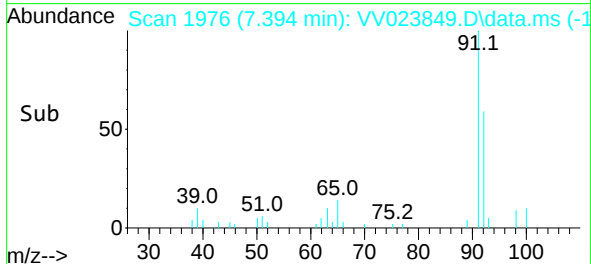
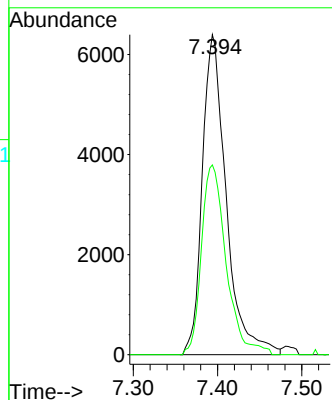
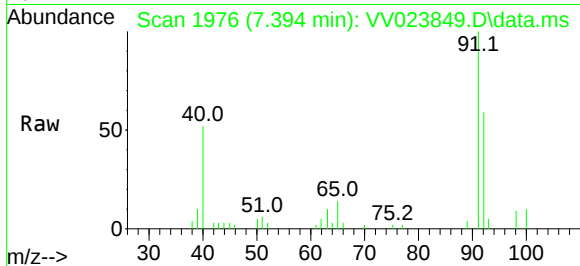
ClientSampleId :

Tgt Ion: 91 Resp: 12638

Ion Ratio Lower Upper

91 100

92 59.3 41.5 77.1



#48

2-Hexanone

Concen: 0.857 ug/L

RT: 8.150 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV023849.D

Acq: 08 Dec 2021 20:07

Tgt Ion: 43 Resp: 2237

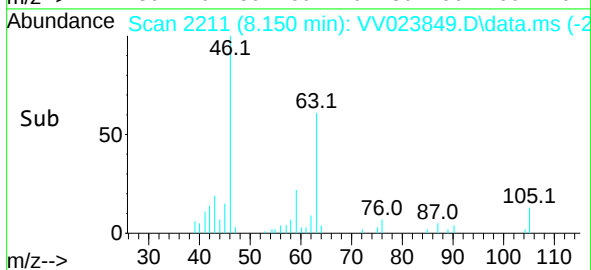
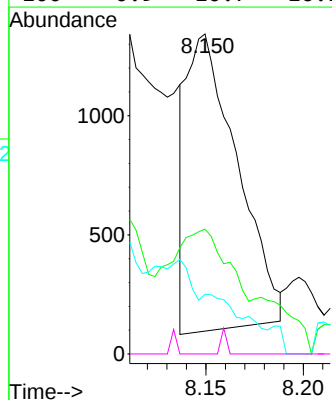
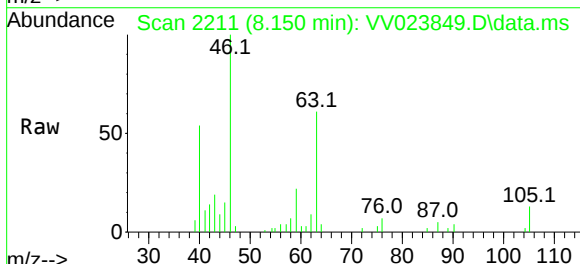
Ion Ratio Lower Upper

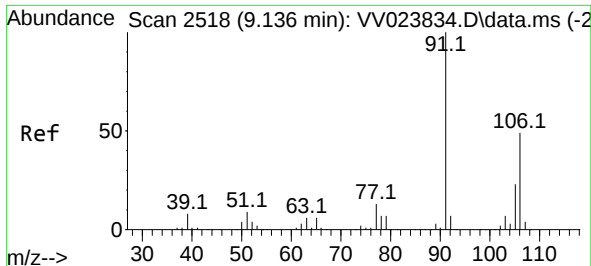
43 100

58 30.3 44.5 66.7#

57 0.0 15.1 22.7#

100 0.9 10.7 16.1#

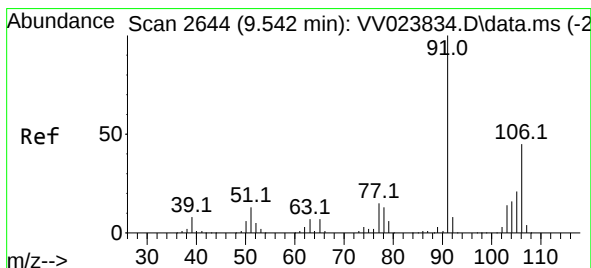
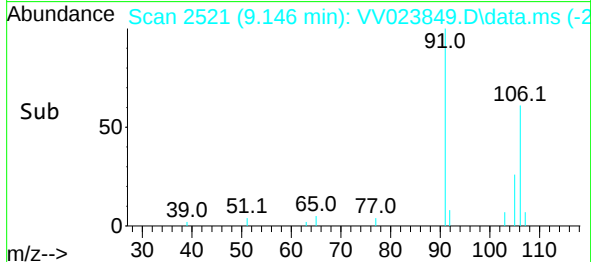
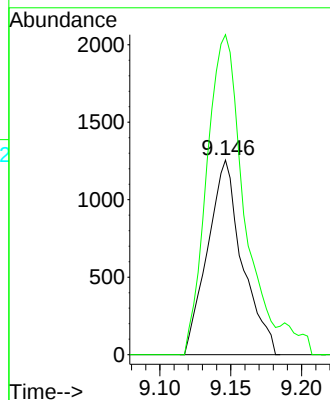
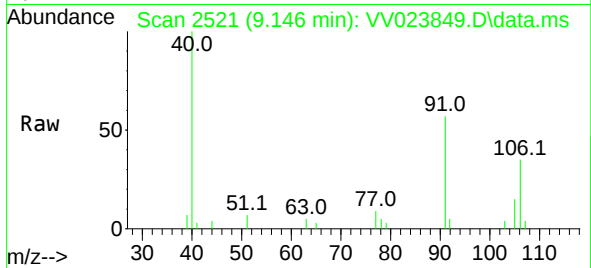




#53  
m,p-xylene  
Concen: 0.152 ug/L  
RT: 9.146 min Scan# 2518  
Delta R.T. 0.010 min  
Lab File: VV023849.D  
Acq: 08 Dec 2021 20:07

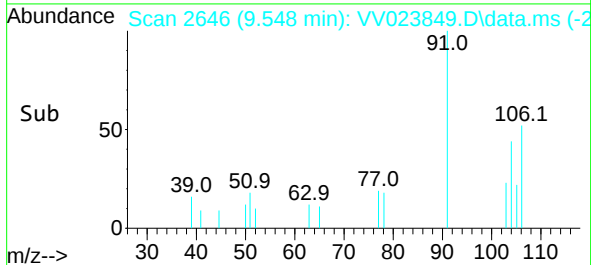
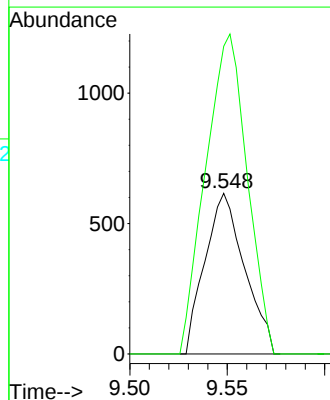
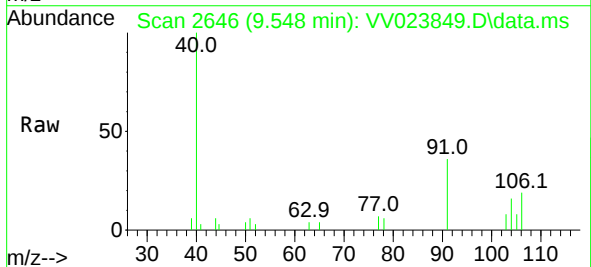
Instrument :  
MSVOA\_V  
ClientSampleId :

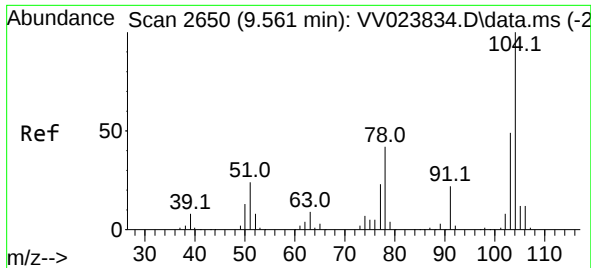
Tgt Ion:106 Resp: 2136  
Ion Ratio Lower Upper  
106 100  
91 164.4 139.5 259.1



#54  
o-xylene  
Concen: 0.065 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. 0.007 min  
Lab File: VV023849.D  
Acq: 08 Dec 2021 20:07

Tgt Ion:106 Resp: 872  
Ion Ratio Lower Upper  
106 100  
91 191.6 147.9 274.7

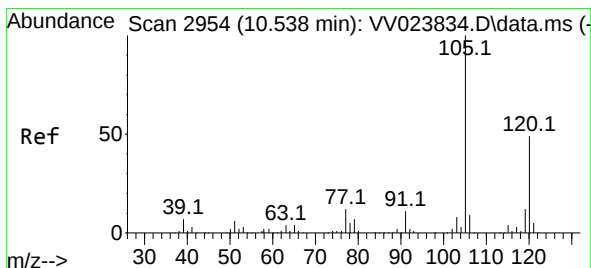
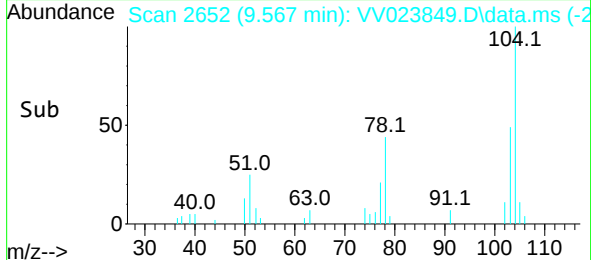
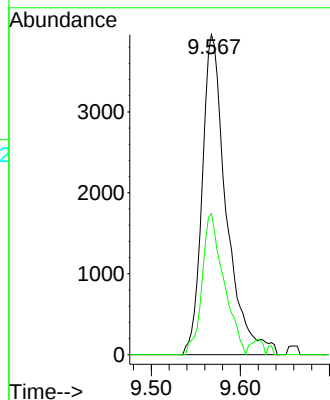
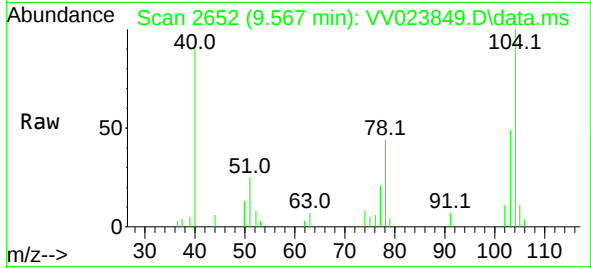




#55  
Styrene  
Concen: 0.329 ug/L  
RT: 9.567 min Scan# 20  
Delta R.T. 0.010 min  
Lab File: VV023849.D  
Acq: 08 Dec 2021 20:07

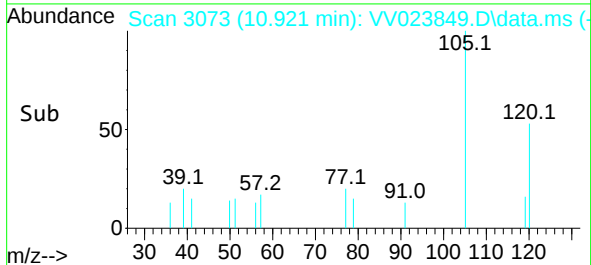
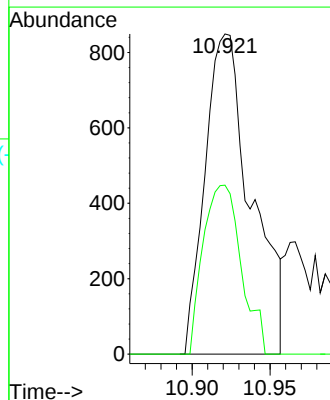
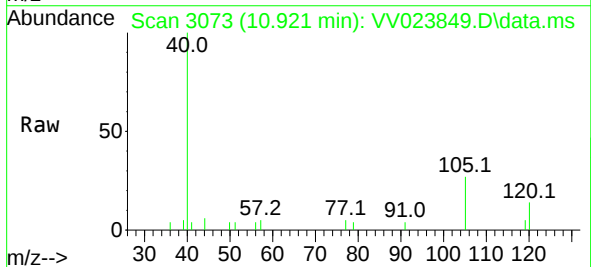
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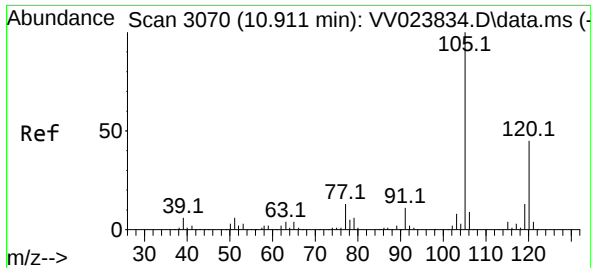
Tgt Ion:104 Resp: 7413  
Ion Ratio Lower Upper  
104 100  
78 44.1 31.0 57.6



#62  
1,3,5-Trimethylbenzene  
Concen: 0.065 ug/L  
RT: 10.921 min Scan# 3073  
Delta R.T. 0.383 min  
Lab File: VV023849.D  
Acq: 08 Dec 2021 20:07

Tgt Ion:105 Resp: 1759  
Ion Ratio Lower Upper  
105 100  
120 43.3 40.1 60.1

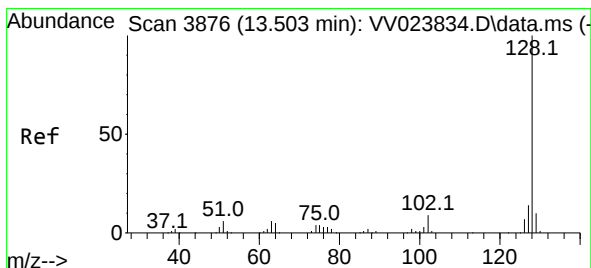
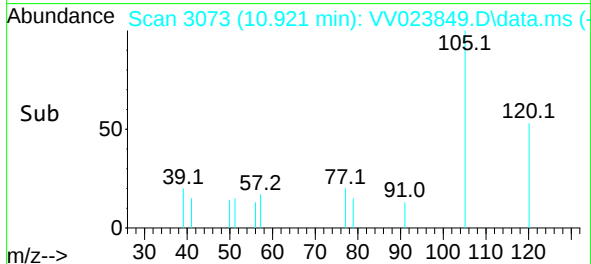
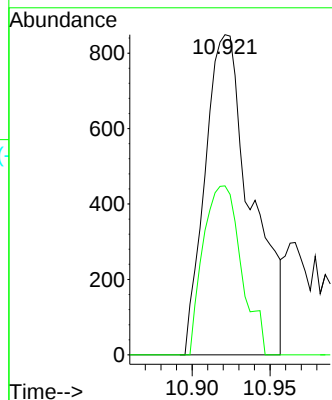
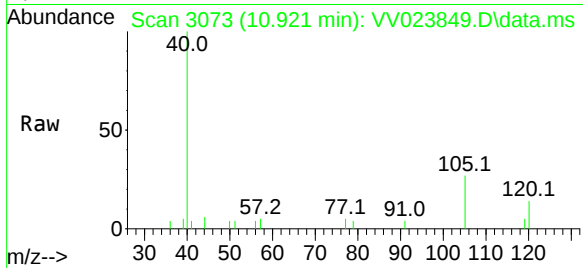




#63  
1,2,4-Trimethylbenzene  
Concen: 0.066 ug/L  
RT: 10.921 min Scan# 3073  
Delta R.T. 0.010 min  
Lab File: VV023849.D  
Acq: 08 Dec 2021 20:07

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:105 Resp: 1759  
Ion Ratio Lower Upper  
105 100  
120 43.3 36.7 55.1



#71  
Naphthalene  
Concen: 0.061 ug/L  
RT: 13.513 min Scan# 3879  
Delta R.T. 0.010 min  
Lab File: VV023849.D  
Acq: 08 Dec 2021 20:07

Tgt Ion:128 Resp: 825  
Ion Ratio Lower Upper  
128 100  
129 0.0 9.0 13.4#  
127 2.4 10.2 15.4#

