

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW110521\  
 Data File : VW023232.D  
 Acq On : 05 Nov 2021 15:13  
 Operator : SY/MD  
 Sample : M4464-17  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 08 03:16:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Nov 08 03:09:01 2021  
 Response via : Initial Calibration

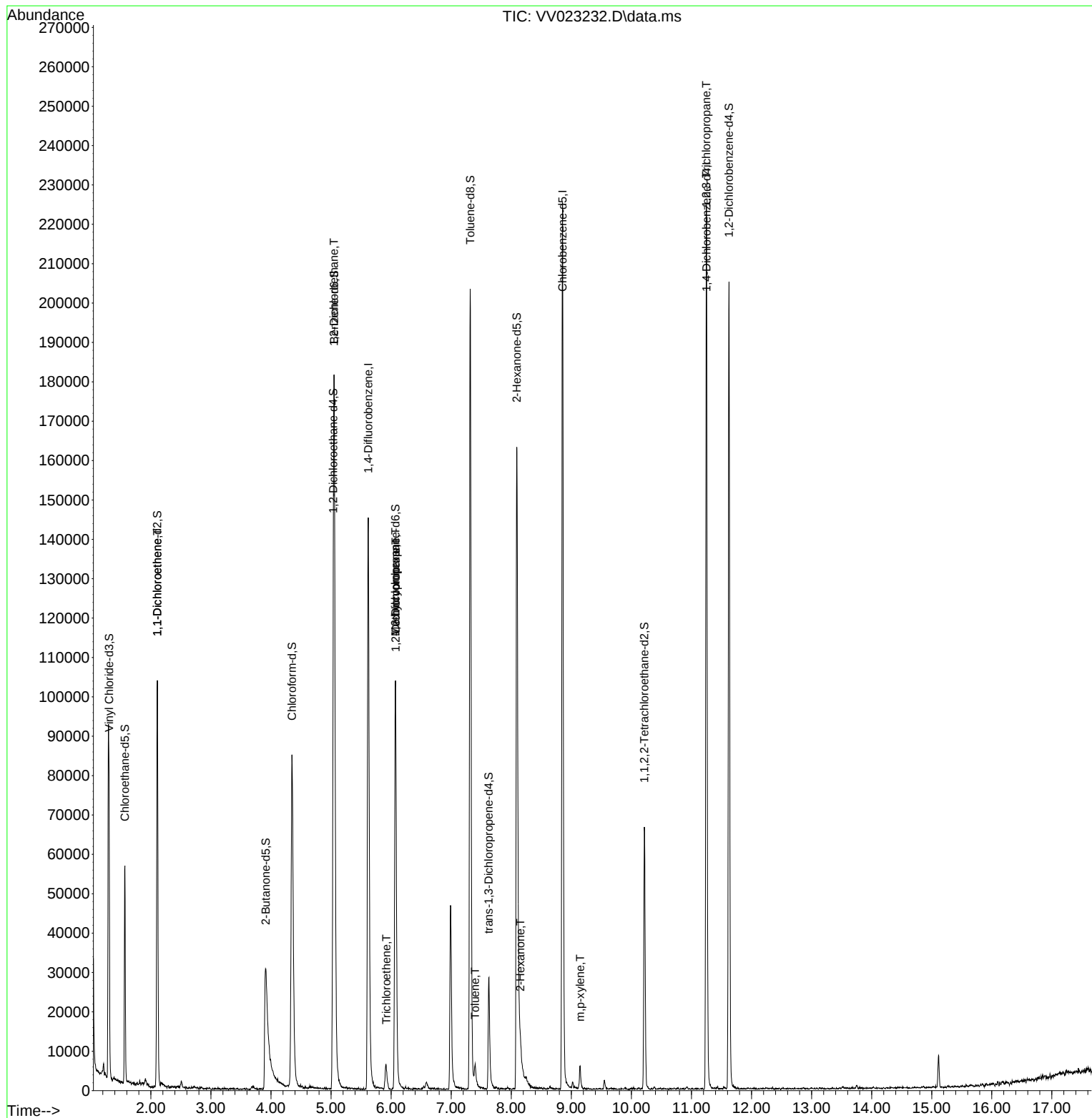
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 128858   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 127527   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 61327    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 37407    | 4.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.600%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 32286    | 4.907    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 53508    | 3.541    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.800%  |
| 20) 2-Butanone-d5             | 3.912  | 46    | 64741    | 53.082   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.160% |
| 24) Chloroform-d              | 4.352  | 84    | 85841    | 4.990    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 41062    | 5.308    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.200% |
| 32) Benzene-d6                | 5.053  | 84    | 164632   | 5.031    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.600% |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 49895    | 5.180    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 103.600% |
| 41) Toluene-d8                | 7.317  | 98    | 138776   | 4.526    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 17083    | 4.677    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.600%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 59397    | 44.201   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 88.400%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 31426    | 4.537    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 53257    | 5.215    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.108  | 96    | 567      | 0.074    | ug/L # | 1        |
| 27) 1,2-Dichloroethane        | 5.047  | 62    | 1037     | 0.115    | ug/L # | 73       |
| 34) Trichloroethene           | 5.921  | 95    | 633      | 0.067    | ug/L   | 88       |
| 35) Methylcyclohexane         | 6.072  | 83    | 12661    | 0.846    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.075  | 63    | 5615     | 0.675    | ug/L # | 83       |
| 42) Toluene                   | 7.400  | 91    | 4600     | 0.121    | ug/L   | 96       |
| 48) 2-Hexanone                | 8.153  | 43    | 3925     | 1.418    | ug/L # | 53       |
| 53) m,p-xylene                | 9.146  | 106   | 1852     | 0.117    | ug/L   | 85       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 6571     | 1.613    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

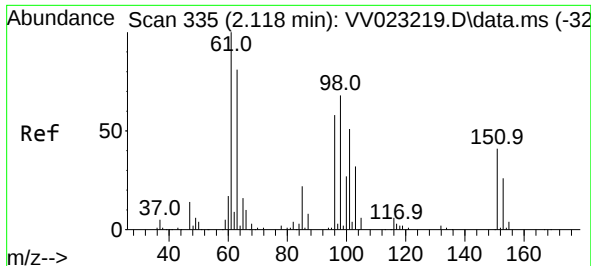
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV110521\  
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Sample : M4464-17  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

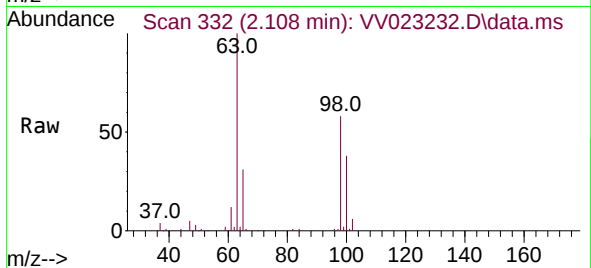
Quant Time: Nov 08 03:16:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Nov 08 03:09:01 2021  
Response via : Initial Calibration



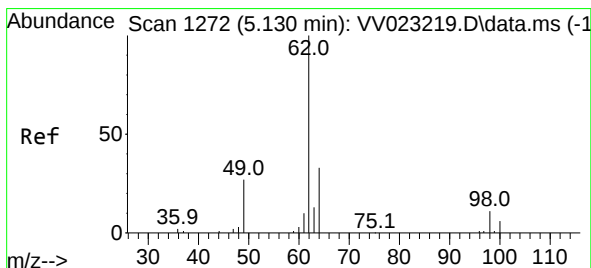
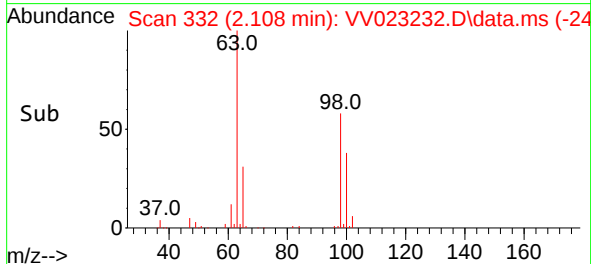
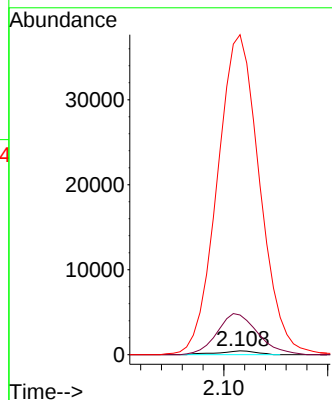


#12  
1,1-Dichloroethene  
Concen: 0.074 ug/L  
RT: 2.108 min Scan# 31  
Delta R.T. -0.010 min  
Lab File: VV023232.D  
Acq: 05 Nov 2021 15:13

Instrument :  
MSVOA\_V  
ClientSampleId :

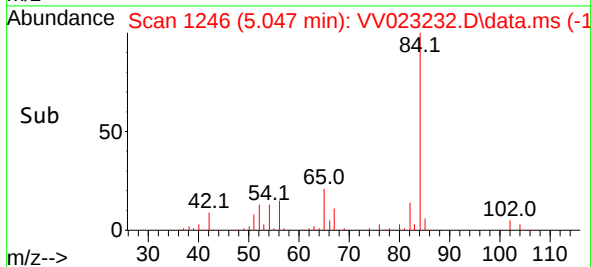
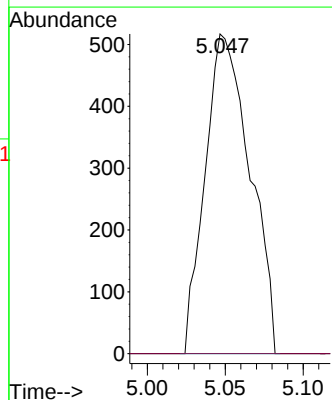
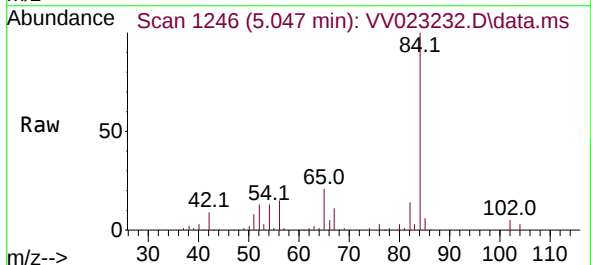


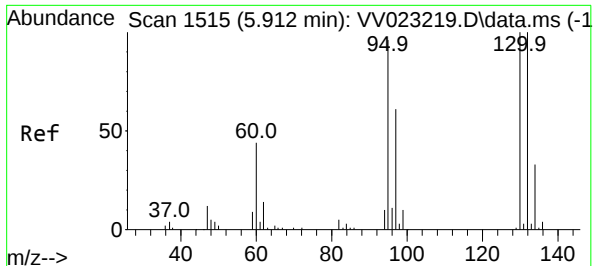
Tgt Ion: 96 Resp: 567  
Ion Ratio Lower Upper  
96 100  
61 1052.7 117.7 218.7#  
63 8481.1 80.5 149.5#



#27  
1,2-Dichloroethane  
Concen: 0.115 ug/L  
RT: 5.047 min Scan# 1246  
Delta R.T. -0.084 min  
Lab File: VV023232.D  
Acq: 05 Nov 2021 15:13

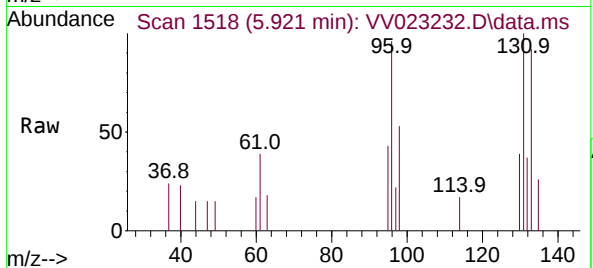
Tgt Ion: 62 Resp: 1037  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.2 12.2#





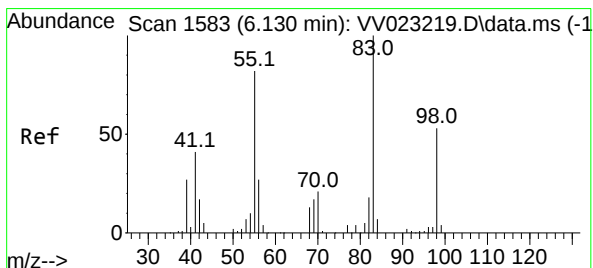
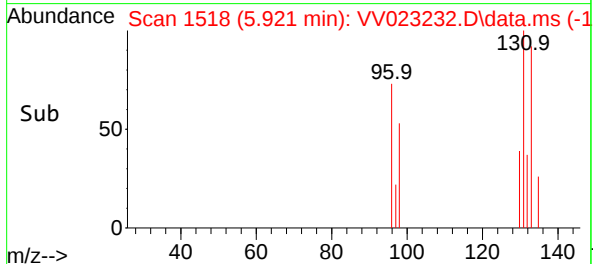
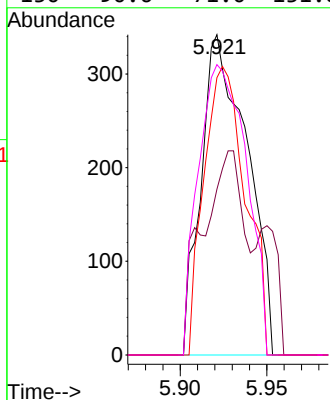
#34  
Trichloroethene  
Concen: 0.067 ug/L  
RT: 5.921 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: VV023232.D  
Acq: 05 Nov 2021 15:13

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 95 Resp: 633

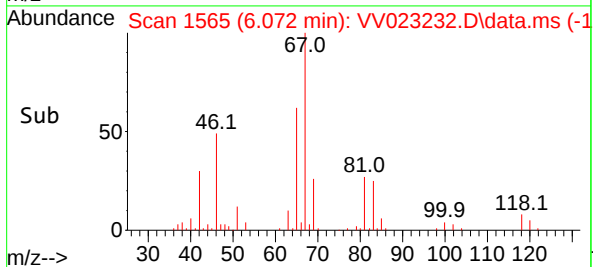
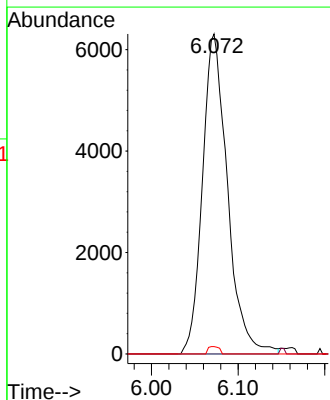
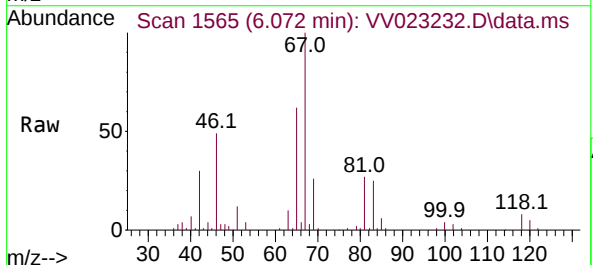
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 51.8  | 43.3  | 80.5  |
| 132 | 86.5  | 70.0  | 130.0 |
| 130 | 90.6  | 71.0  | 131.8 |

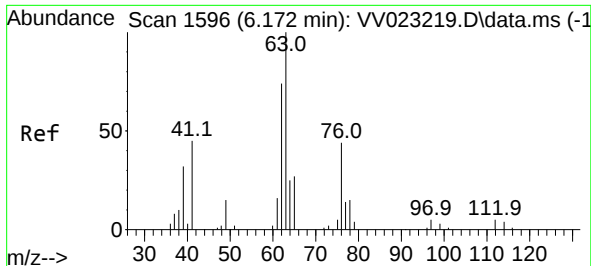


#35  
Methylcyclohexane  
Concen: 0.846 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.058 min  
Lab File: VV023232.D  
Acq: 05 Nov 2021 15:13

Tgt Ion: 83 Resp: 12661

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.3   | 59.6  | 89.4# |
| 98  | 1.0   | 40.6  | 61.0# |





#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV023232.D

Acq: 05 Nov 2021 15:13

Instrument :

MSVOA\_V

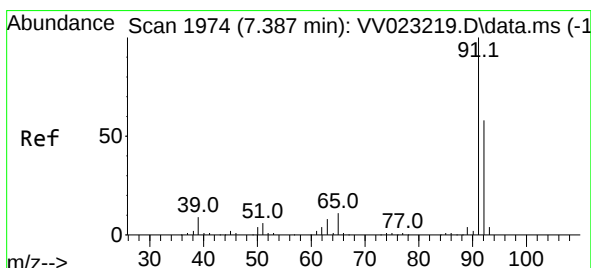
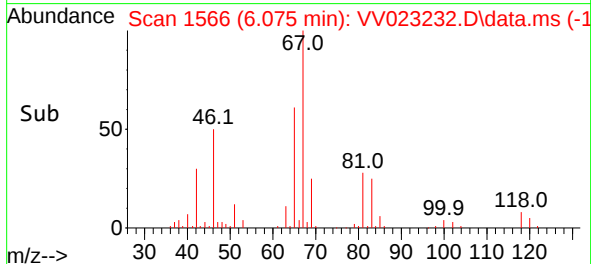
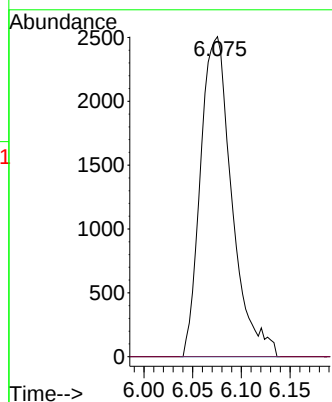
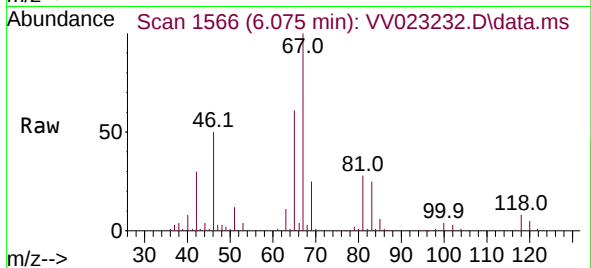
ClientSampleId :

Tgt Ion: 63 Resp: 5615

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#



#42

Toluene

Concen: 0.121 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023232.D

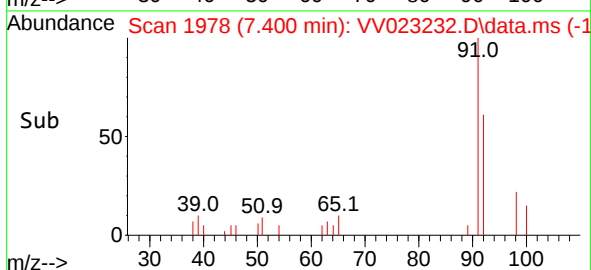
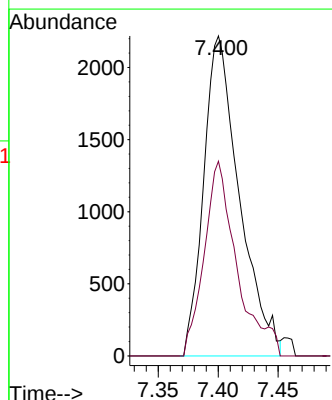
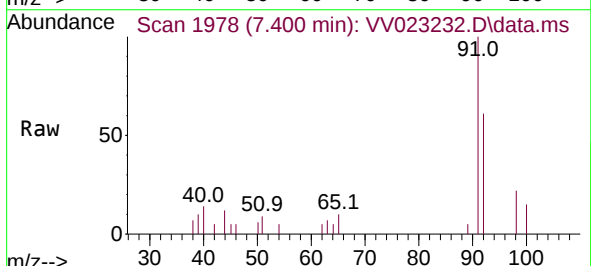
Acq: 05 Nov 2021 15:13

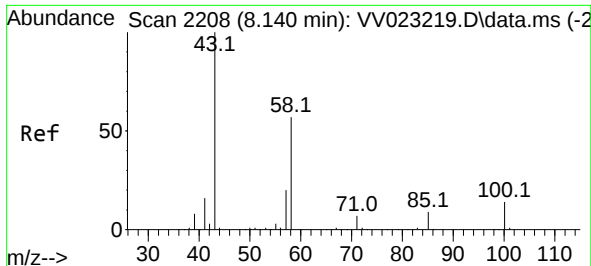
Tgt Ion: 91 Resp: 4600

Ion Ratio Lower Upper

91 100

92 60.8 40.4 75.0

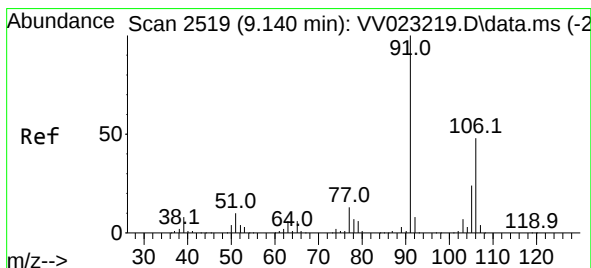
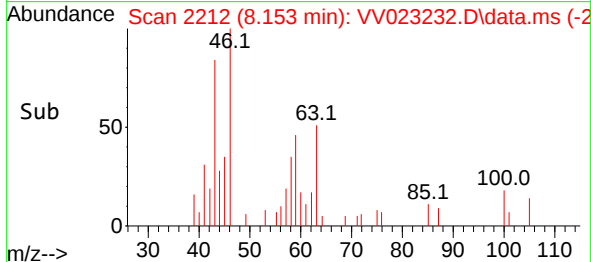
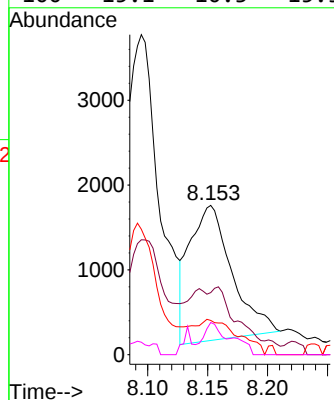
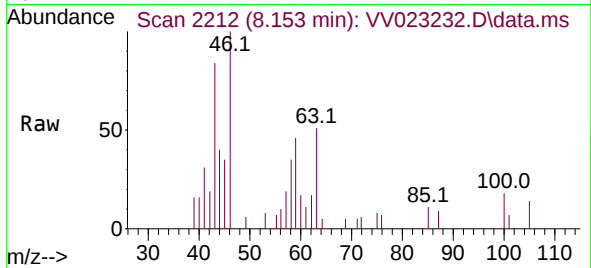




#48  
2-Hexanone  
Concen: 1.418 ug/L  
RT: 8.153 min Scan# 2112  
Delta R.T. 0.013 min  
Lab File: VV023232.D  
Acq: 05 Nov 2021 15:13

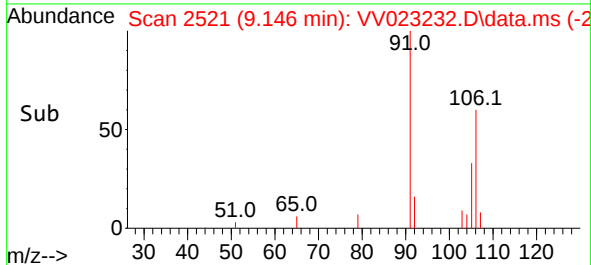
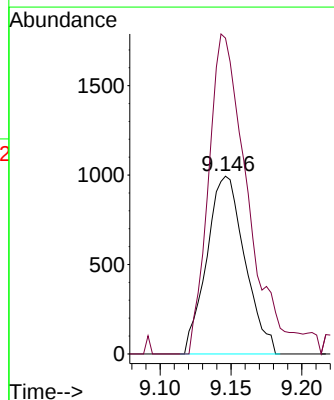
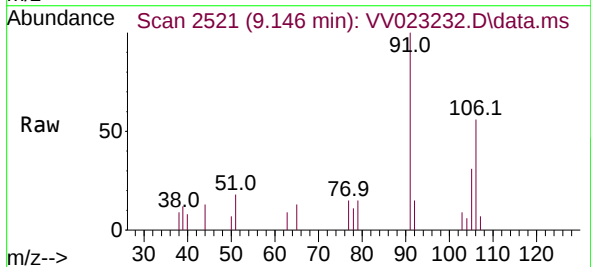
Instrument :  
MSVOA\_V  
ClientSampleId :

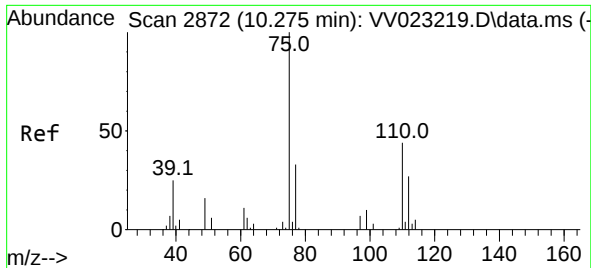
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 3925  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 4.1      | 43.0 64.6#  |
| 57 23.4     | 14.9 22.3#  |
| 100 15.1    | 10.3 15.5   |



#53  
m,p-xylene  
Concen: 0.117 ug/L  
RT: 9.146 min Scan# 2521  
Delta R.T. 0.006 min  
Lab File: VV023232.D  
Acq: 05 Nov 2021 15:13

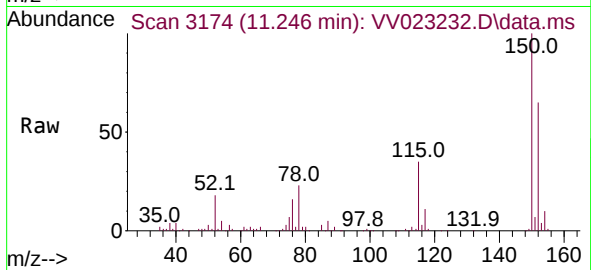
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:106 | Resp: | 1852  |       |
| Ion         | Ratio | Lower | Upper |
| 106         | 100   |       |       |
| 91          | 177.7 | 140.1 | 260.1 |





#61  
 1,2,3-Trichloropropane  
 Concen: 1.613 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.971 min  
 Lab File: VV023232.D  
 Acq: 05 Nov 2021 15:13

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 6571        |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 32.9  | 26.6 39.8   |
| 110         | 0.6   | 33.0 49.4#  |

