

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW071322\  
 Data File : VW026759.D  
 Acq On : 13 Jul 2022 17:58  
 Operator : SY/MD  
 Sample : N3658-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 13 23:04:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 13 23:00:17 2022  
 Response via : Initial Calibration

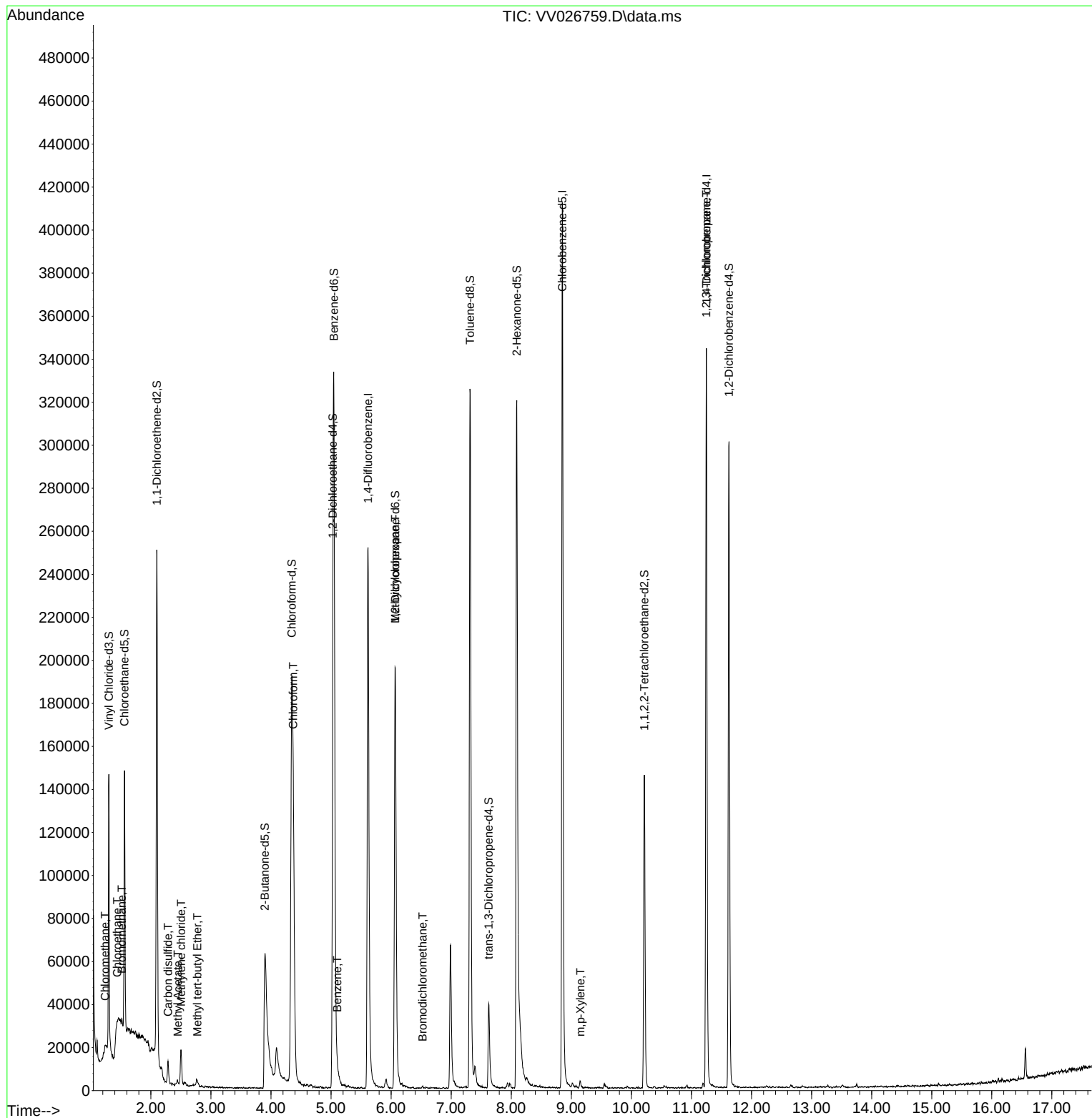
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 221388   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 226053   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 89408    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 83325    | 4.126    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 82.600%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 77409    | 4.436    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63    | 123292   | 3.180    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 63.600%  |
| 20) 2-Butanone-d5             | 3.899  | 46    | 131764   | 41.801   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 83.600%  |
| 24) Chloroform-d              | 4.346  | 84    | 173752   | 4.920    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65    | 78564    | 5.092    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.800% |
| 32) Benzene-d6                | 5.047  | 84    | 307865   | 4.482    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 101491   | 4.928    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.600%  |
| 41) Toluene-d8                | 7.313  | 98    | 228542   | 3.748    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.000%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 25682    | 3.811    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.200%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 125773   | 43.112   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 86.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 75016    | 4.676    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 78128    | 5.015    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.236  | 50    | 1108     | 0.041    | ug/L   | 88       |
| 6) Bromomethane               | 1.516  | 94    | 1493     | 0.091    | ug/L   | 84       |
| 8) Chloroethane               | 1.439  | 64    | 23401    | 1.444    | ug/L # | 49       |
| 14) Carbon disulfide          | 2.285  | 76    | 12185    | 0.213    | ug/L # | 93       |
| 15) Methyl Acetate            | 2.449  | 43    | 3345     | 0.624    | ug/L # | 81       |
| 16) Methylene chloride        | 2.503  | 84    | 6781     | 0.293    | ug/L   | 92       |
| 17) Methyl tert-butyl Ether   | 2.773  | 73    | 2242     | 0.067    | ug/L # | 68       |
| 25) Chloroform                | 4.371  | 83    | 104735   | 3.069    | ug/L   | 99       |
| 33) Benzene                   | 5.101  | 78    | 4596     | 0.061    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.069  | 83    | 23701    | 0.836    | ug/L # | 19       |
| 38) Bromodichloromethane      | 6.526  | 83    | 851      | 0.036    | ug/L # | 89       |
| 53) m,p-Xylene                | 9.149  | 106   | 1220     | 0.042    | ug/L   | 62       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 11197    | 1.358    | ug/L # | 65       |

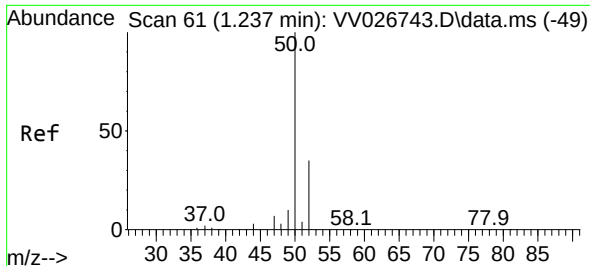
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071322\  
Data File : VV026759.D  
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Operator : SY/MD  
Sample : N3658-02  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

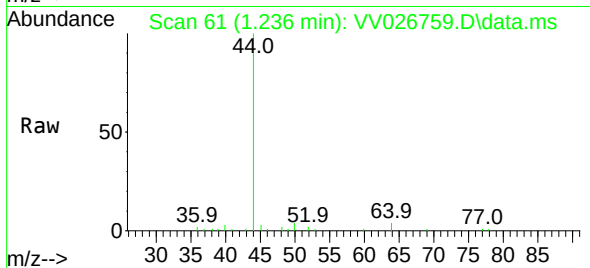
Quant Time: Jul 13 23:04:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jul 13 23:00:17 2022  
Response via : Initial Calibration



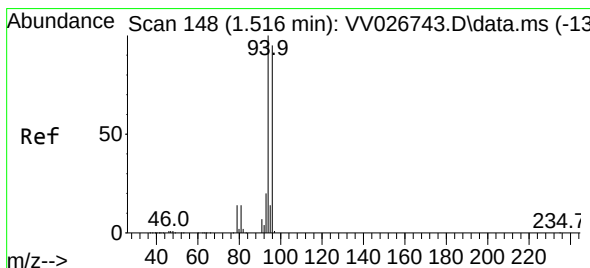
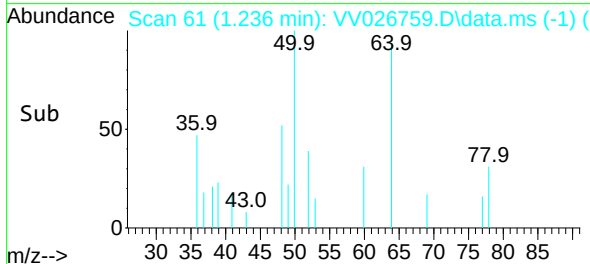
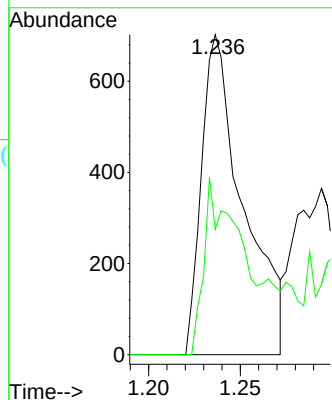


#3  
Chloromethane  
Concen: 0.041 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

Instrument :  
MSVOA\_V  
ClientSampleId :

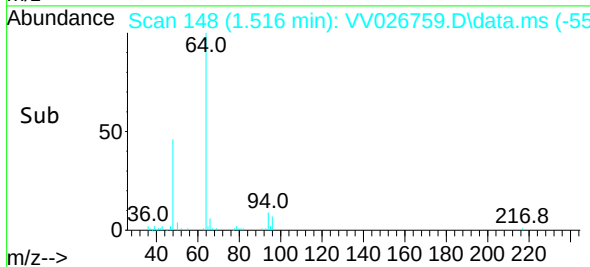
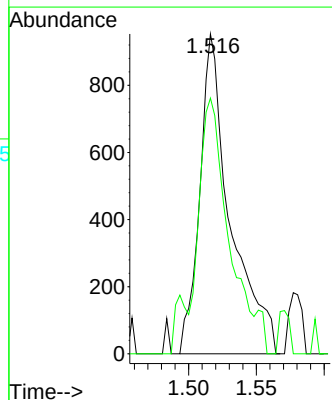
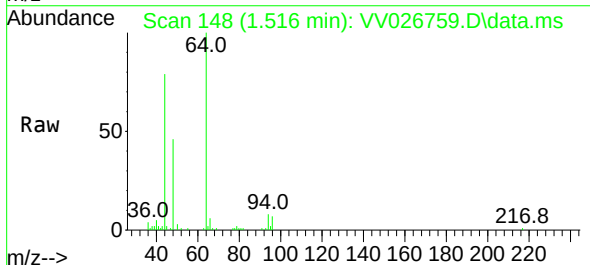


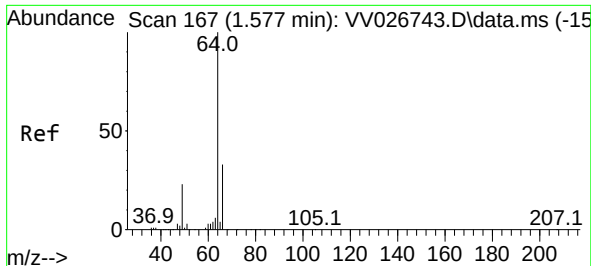
Tgt Ion: 50 Resp: 1108  
Ion Ratio Lower Upper  
50 100  
52 39.2 22.8 42.4



#6  
Bromomethane  
Concen: 0.091 ug/L  
RT: 1.516 min Scan# 148  
Delta R.T. -0.000 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

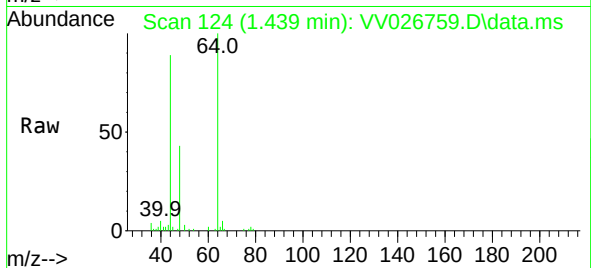
Tgt Ion: 94 Resp: 1493  
Ion Ratio Lower Upper  
94 100  
96 80.0 67.1 124.7



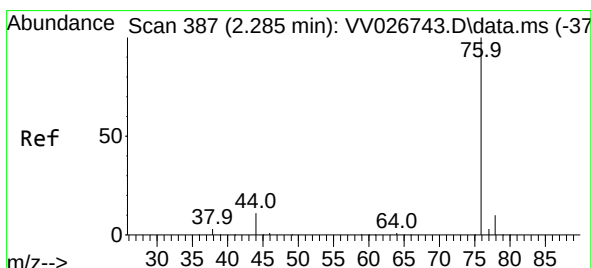
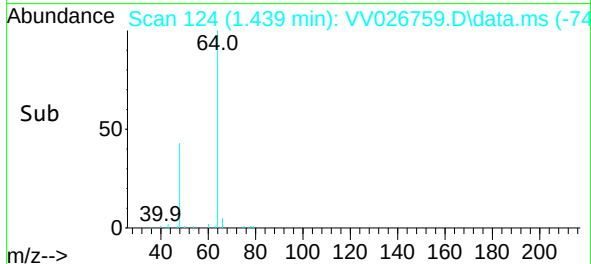
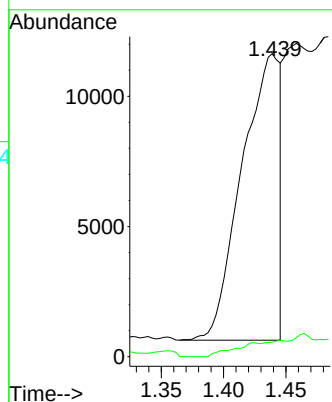


#8  
Chloroethane  
Concen: 1.444 ug/L  
RT: 1.439 min Scan# 11  
Delta R.T. -0.138 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

Instrument :  
MSVOA\_V  
ClientSampleId :

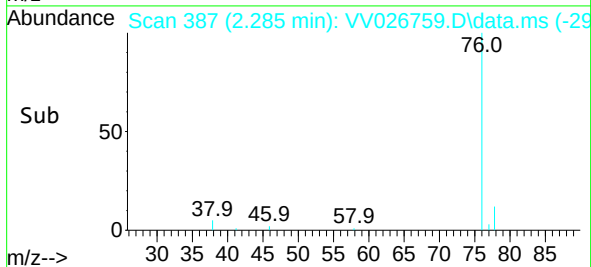
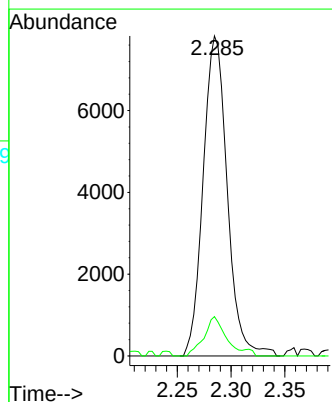
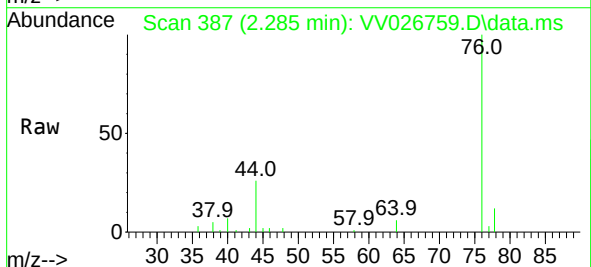


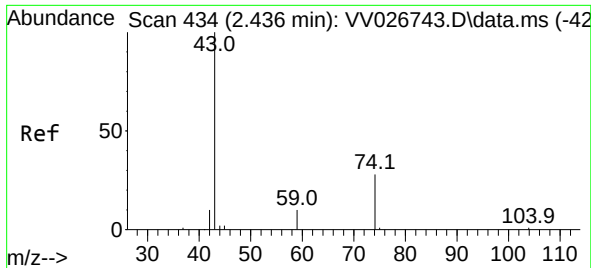
Tgt Ion: 64 Resp: 23401  
Ion Ratio Lower Upper  
64 100  
66 4.8 23.9 44.5#



#14  
Carbon disulfide  
Concen: 0.213 ug/L  
RT: 2.285 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

Tgt Ion: 76 Resp: 12185  
Ion Ratio Lower Upper  
76 100  
78 12.3 7.7 11.5#

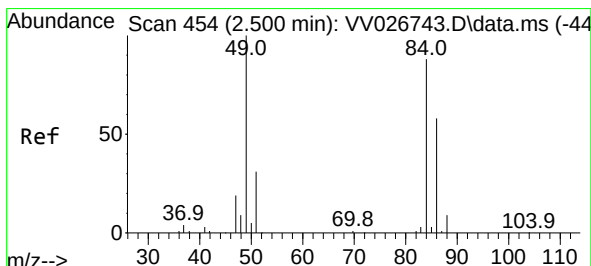
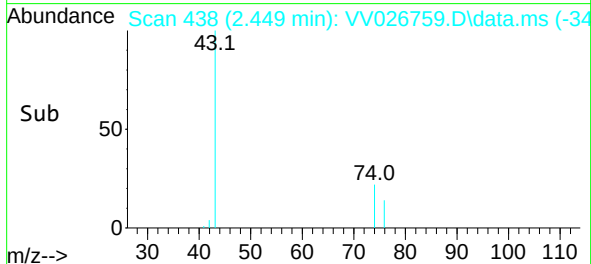
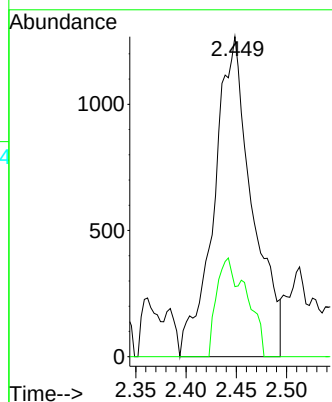
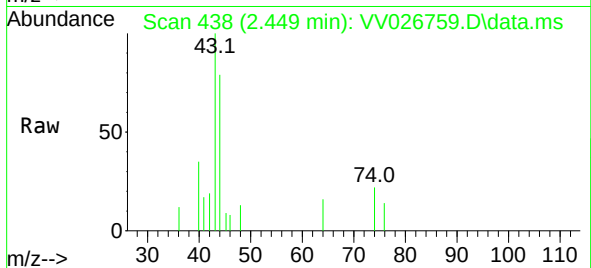




#15  
Methyl Acetate  
Concen: 0.624 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.013 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

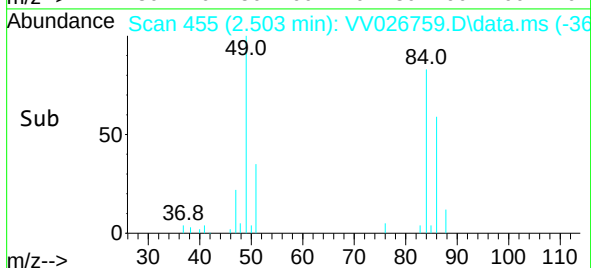
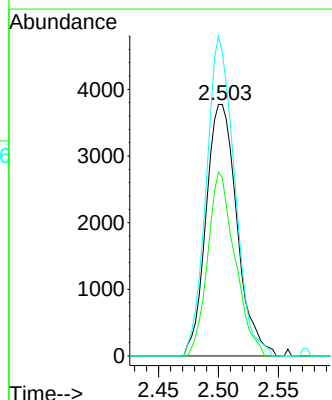
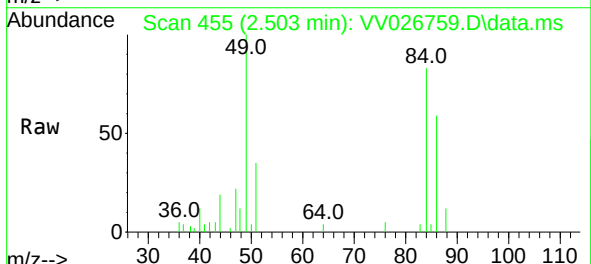
Instrument :  
MSVOA\_V  
ClientSampleId :

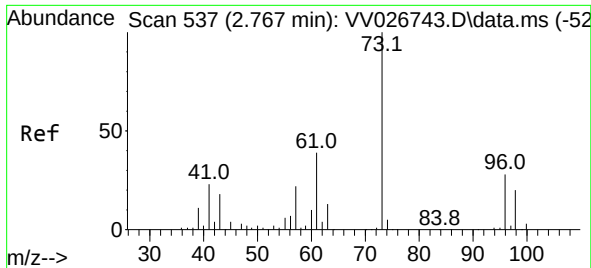
Tgt Ion: 43 Resp: 3345  
Ion Ratio Lower Upper  
43 100  
74 15.5 20.1 30.1#



#16  
Methylene chloride  
Concen: 0.293 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

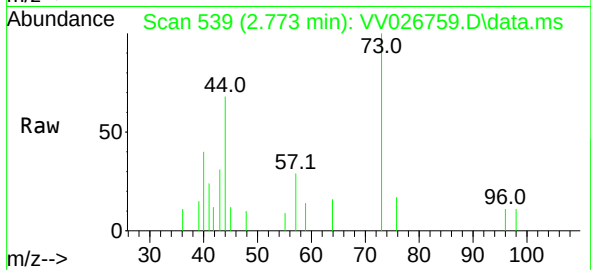
Tgt Ion: 84 Resp: 6781  
Ion Ratio Lower Upper  
84 100  
86 70.8 44.8 83.2  
49 121.0 78.7 146.1



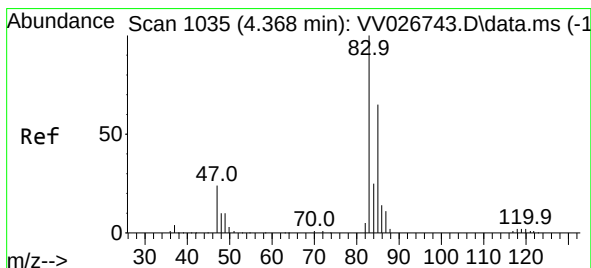
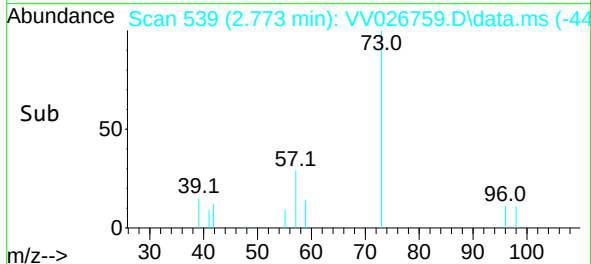
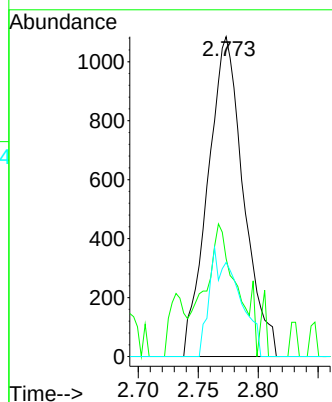


#17  
Methyl tert-butyl Ether  
Concen: 0.067 ug/L  
RT: 2.773 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

Instrument :  
MSVOA\_V  
ClientSampleId :

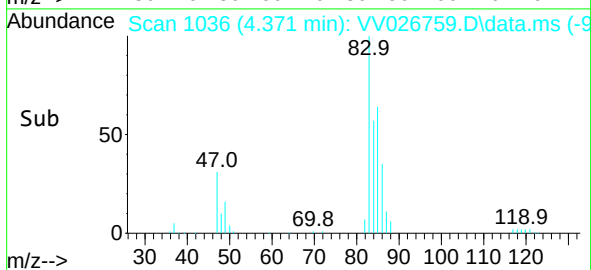
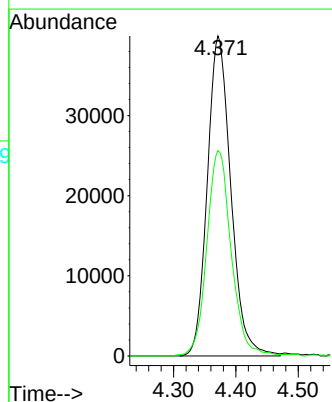
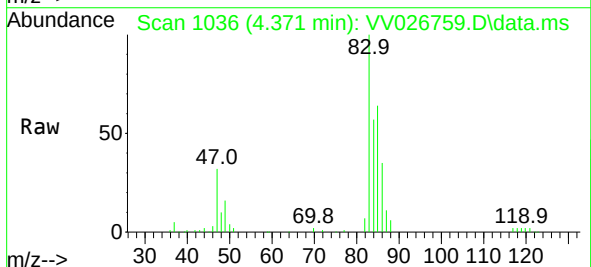


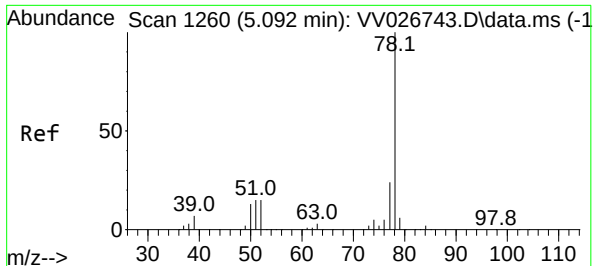
Tgt Ion: 73 Resp: 2242  
Ion Ratio Lower Upper  
73 100  
43 37.5 14.0 21.0#  
57 12.4 17.6 26.4#



#25  
Chloroform  
Concen: 3.069 ug/L  
RT: 4.371 min Scan# 1036  
Delta R.T. 0.003 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

Tgt Ion: 83 Resp: 104735  
Ion Ratio Lower Upper  
83 100  
85 64.2 45.7 84.9

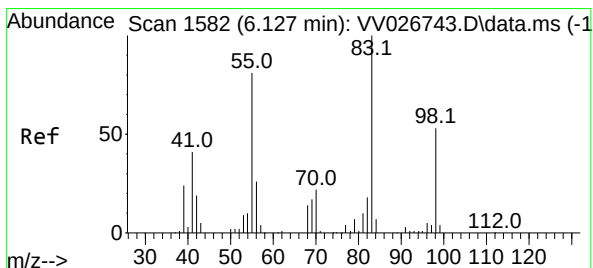
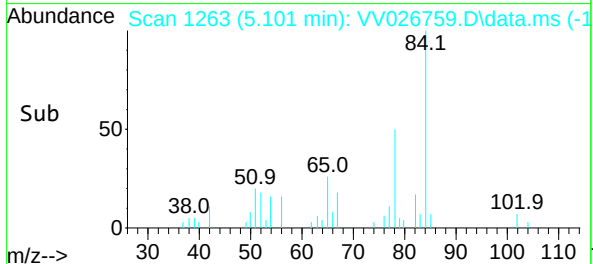
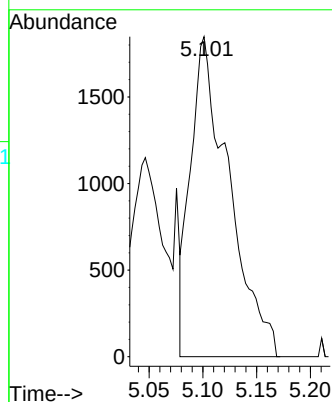
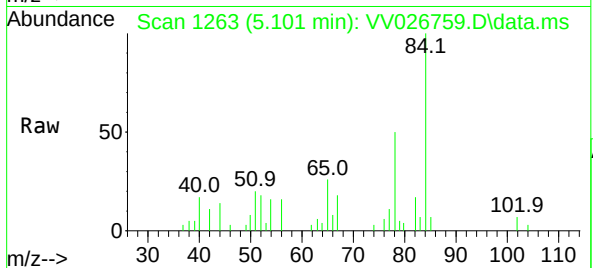




#33  
Benzene  
Concen: 0.061 ug/L  
RT: 5.101 min Scan# 11  
Delta R.T. 0.009 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

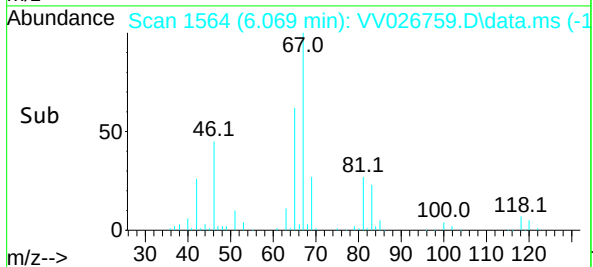
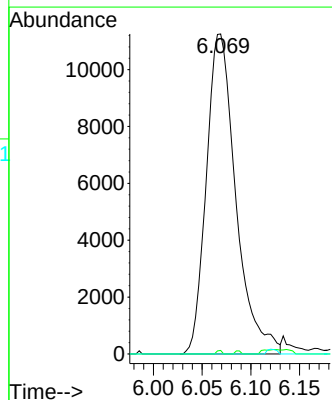
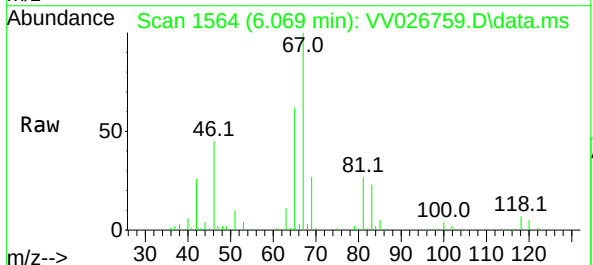
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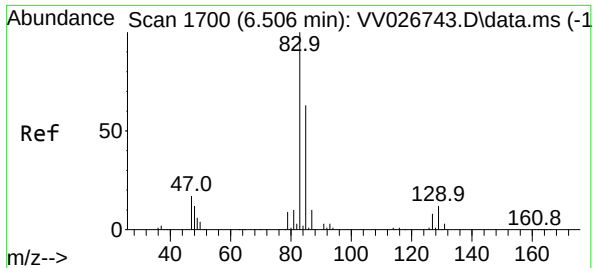
Tgt Ion: 78 Resp: 4596



#35  
Methylcyclohexane  
Concen: 0.836 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.058 min  
Lab File: VV026759.D  
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Tgt Ion: 83 Resp: 23701  
Ion Ratio Lower Upper  
83 100  
55 0.2 59.5 89.3#  
98 0.5 38.3 57.5#

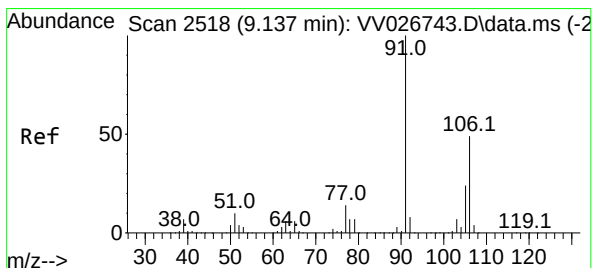
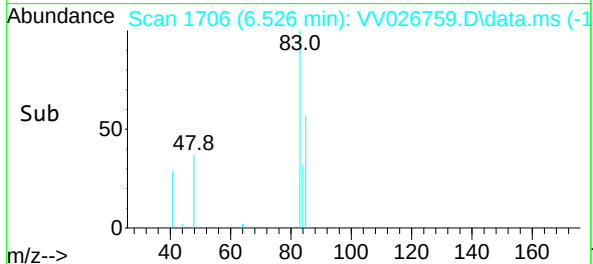
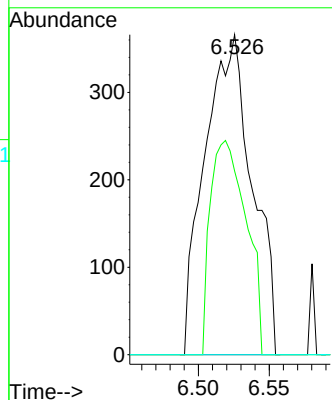
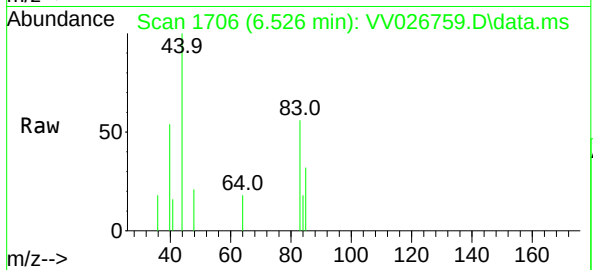




#38  
Bromodichloromethane  
Concen: 0.036 ug/L  
RT: 6.526 min Scan# 11  
Delta R.T. 0.019 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

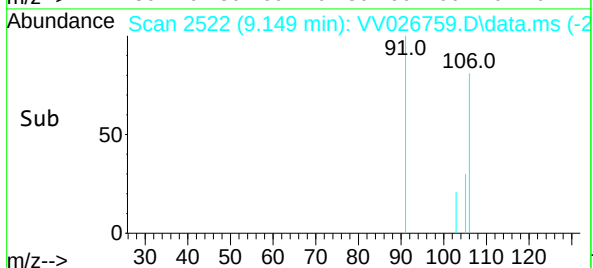
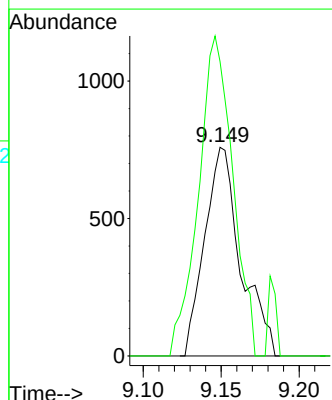
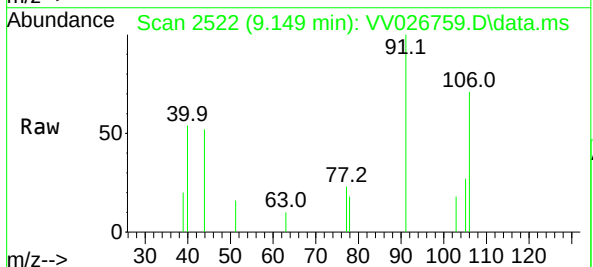
Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 83 Resp: 851  
Ion Ratio Lower Upper  
83 100  
85 57.4 45.4 84.4  
127 0.0 6.6 10.0#

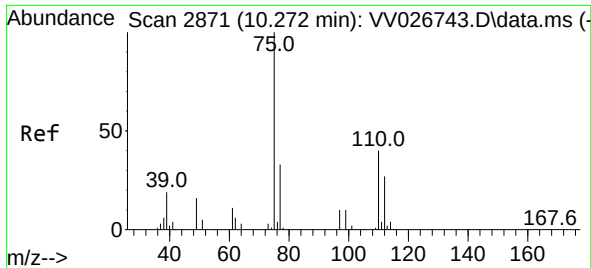


#53  
m,p-Xylene  
Concen: 0.042 ug/L  
RT: 9.149 min Scan# 2522  
Delta R.T. 0.013 min  
Lab File: VV026759.D  
Acq: 13 Jul 2022 17:58

Tgt Ion: 106 Resp: 1220  
Ion Ratio Lower Upper  
106 100  
91 141.1 139.3 258.7

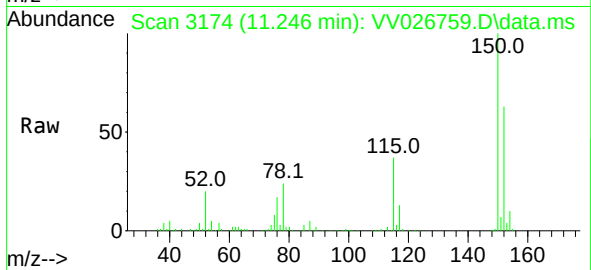






#61  
 1,2,3-Trichloropropane  
 Concen: 1.358 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV026759.D  
 Acq: 13 Jul 2022 17:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 11197       |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 32.7  | 25.4 38.0   |
| 110         | 2.3   | 31.8 47.6#  |

