

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081522\  
 Data File : VV027391.D  
 Acq On : 15 Aug 2022 16:22  
 Operator : SY/MD  
 Sample : N4192-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 16 02:37:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Aug 16 00:24:20 2022  
 Response via : Initial Calibration

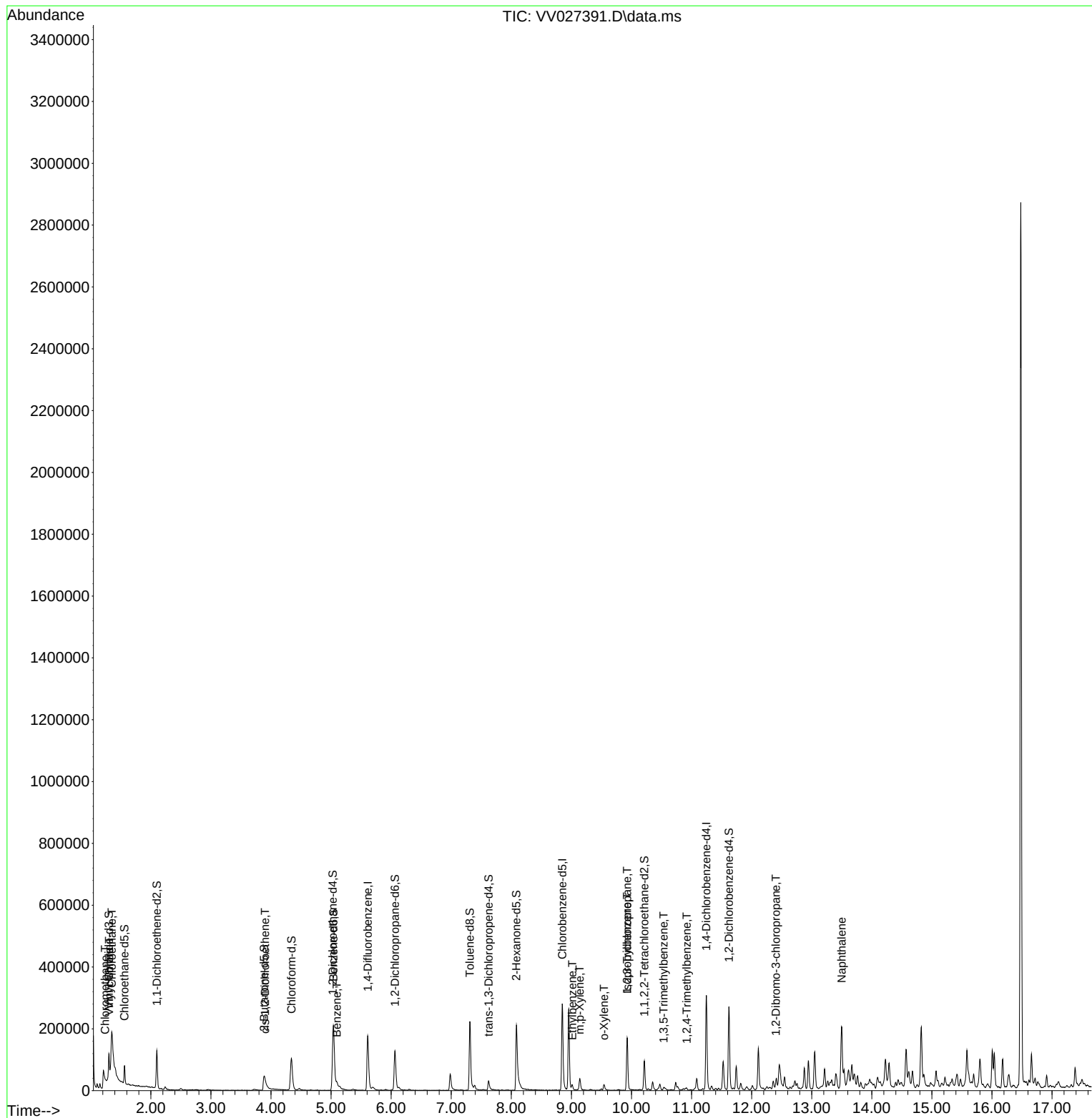
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609  | 114   | 144616   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 155254   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 77685    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 49712    | 3.957    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.200%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 36185    | 3.966    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 79.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63    | 62758    | 2.754    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 55.000%# |
| 20) 2-Butanone-d5             | 3.886  | 46    | 93508    | 43.945   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 87.900%  |
| 24) Chloroform-d              | 4.339  | 84    | 108599   | 4.713    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 50108    | 4.565    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.200%  |
| 32) Benzene-d6                | 5.040  | 84    | 180271   | 3.936    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 60742    | 4.290    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.800%  |
| 41) Toluene-d8                | 7.310  | 98    | 151604   | 3.616    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.400%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 19255    | 3.926    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.600%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 77385    | 40.767   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 81.540%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 45888    | 4.479    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 64978    | 4.846    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.237  | 50    | 974      | 0.057    | ug/L # | 76       |
| 5) Vinyl chloride             | 1.307  | 62    | 753      | 0.047    | ug/L # | 1        |
| 8) Chloroethane               | 1.349  | 64    | 391635   | 43.930   | ug/L # | 52       |
| 22) cis-1,2-Dichloroethene    | 3.899  | 96    | 486      | 0.039    | ug/L # | 39       |
| 33) Benzene                   | 5.095  | 78    | 25448    | 0.480    | ug/L   | 100      |
| 52) Ethylbenzene              | 9.014  | 91    | 9757     | 0.183    | ug/L   | 98       |
| 53) m,p-Xylene                | 9.140  | 106   | 10593    | 0.522    | ug/L   | 95       |
| 54) o-Xylene                  | 9.545  | 106   | 4666     | 0.235    | ug/L   | 97       |
| 60) Isopropylbenzene          | 9.928  | 105   | 101965   | 2.084    | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 9.928  | 75    | 1420     | 0.190    | ug/L # | 1        |
| 62) 1,3,5-Trimethylbenzene    | 10.535 | 105   | 3792     | 0.280    | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105   | 3595     | 0.093    | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.403 | 75    | 189      | 0.121    | ug/L # | 6        |
| 71) Naphthalene               | 13.500 | 128   | 115641   | 5.681    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

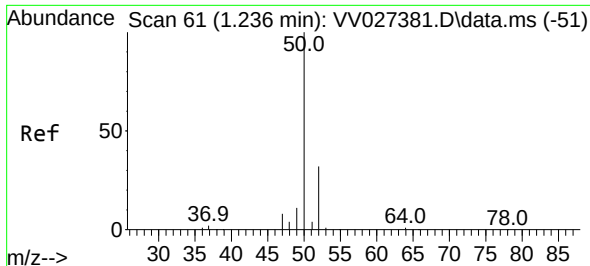
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081522\  
Data File : VV027391.D  
Acq On : 15 Aug 2022 16:22  
Operator : SY/MD  
Sample : N4192-01  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

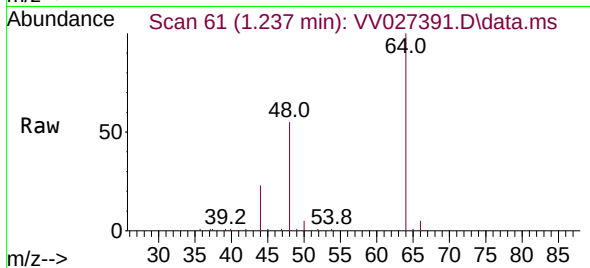
Quant Time: Aug 16 02:37:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Aug 16 00:24:20 2022  
Response via : Initial Calibration



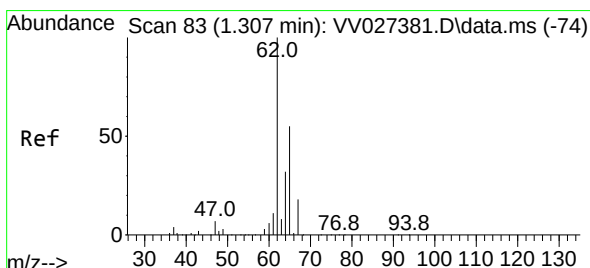
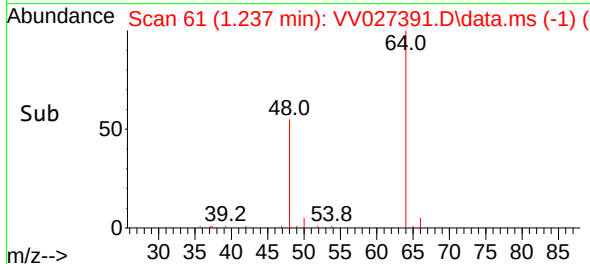
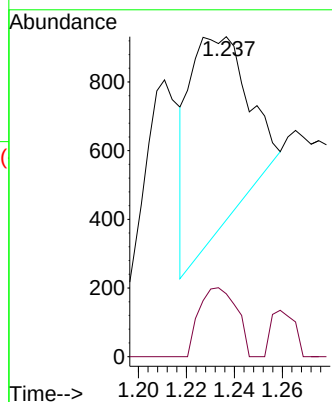


#3  
Chloromethane  
Concen: 0.057 ug/L  
RT: 1.237 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

Instrument :  
MSVOA\_V  
ClientSampleId :

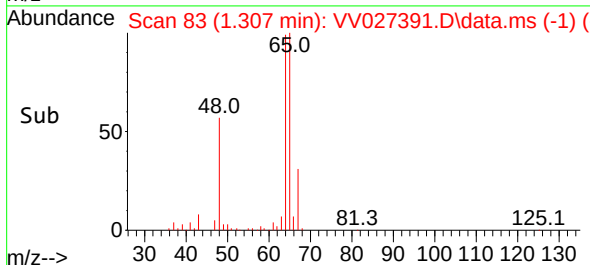
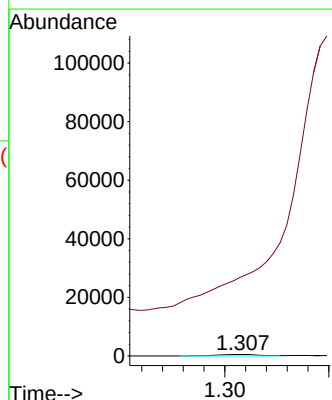
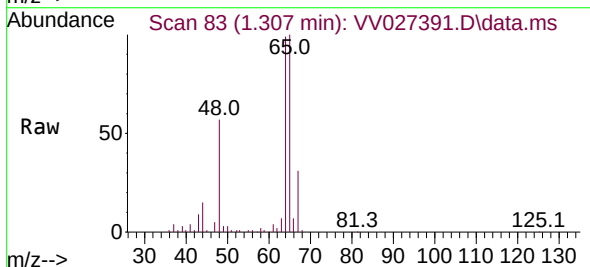


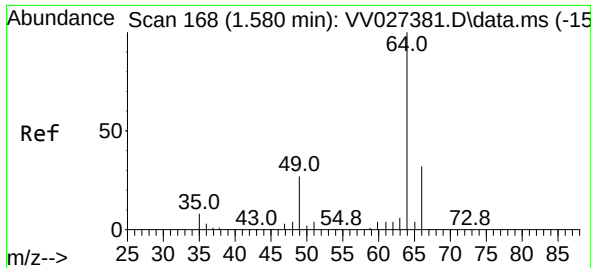
Tgt Ion: 50 Resp: 974  
Ion Ratio Lower Upper  
50 100  
52 19.6 23.4 43.4#



#5  
Vinyl chloride  
Concen: 0.047 ug/L  
RT: 1.307 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

Tgt Ion: 62 Resp: 753  
Ion Ratio Lower Upper  
62 100  
64 5193.8 23.7 44.1#

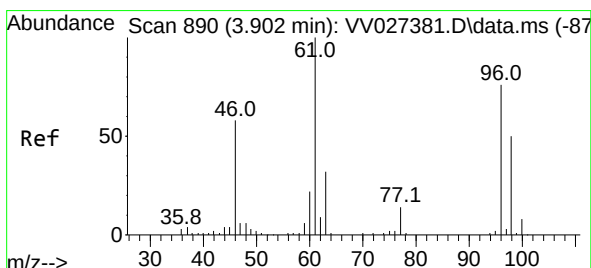
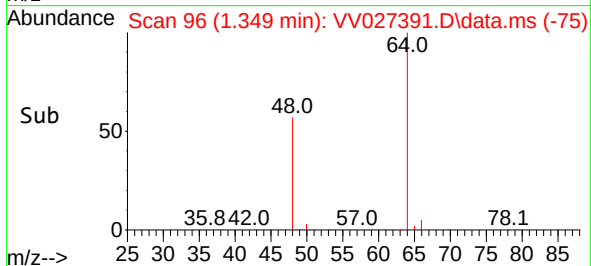
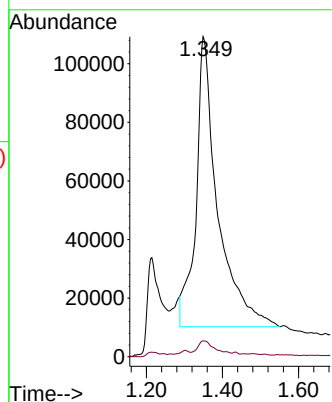
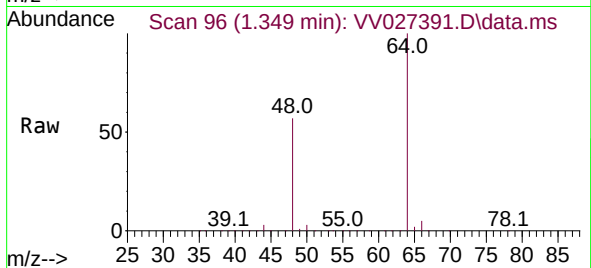




#8  
Chloroethane  
Concen: 43.930 ug/L  
RT: 1.349 min Scan# 90  
Delta R.T. -0.231 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

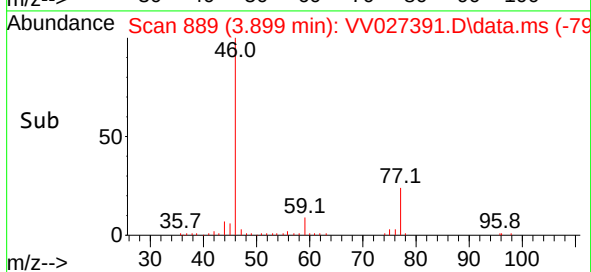
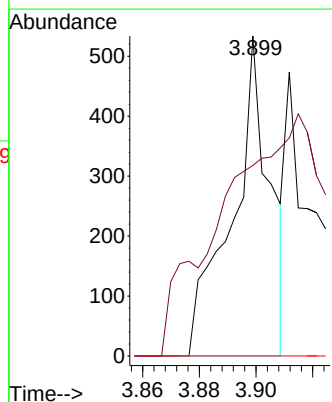
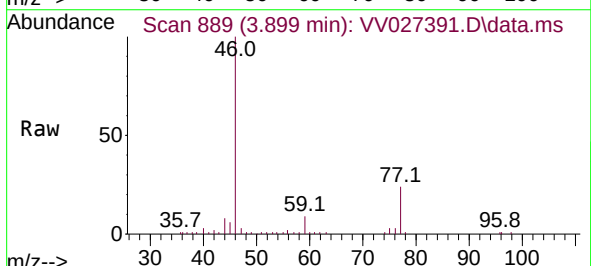
Instrument :  
MSVOA\_V  
ClientSampleId :

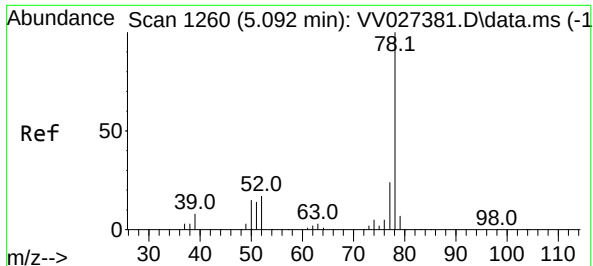
Tgt Ion: 64 Resp: 391635  
Ion Ratio Lower Upper  
64 100  
66 4.9 22.3 41.5#



#22  
cis-1,2-Dichloroethene  
Concen: 0.039 ug/L  
RT: 3.899 min Scan# 889  
Delta R.T. -0.003 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

Tgt Ion: 96 Resp: 486  
Ion Ratio Lower Upper  
96 100  
61 59.6 91.3 169.5#  
68 0.0 0.0 0.0

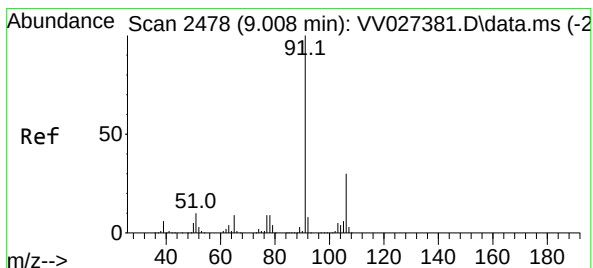
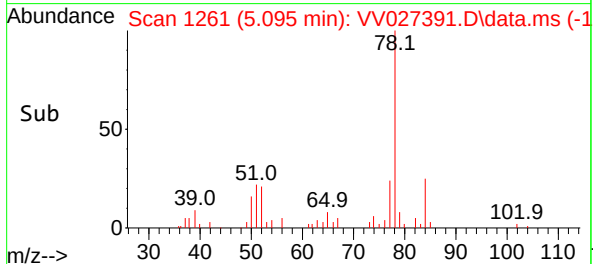
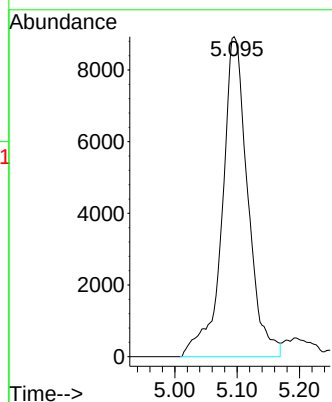
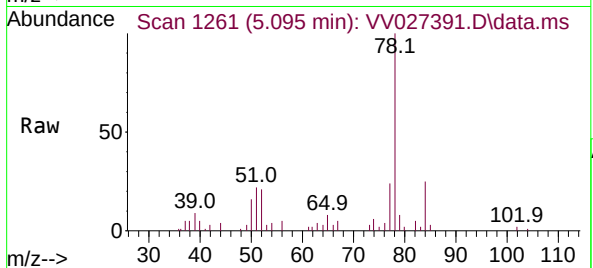




#33  
Benzene  
Concen: 0.480 ug/L  
RT: 5.095 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

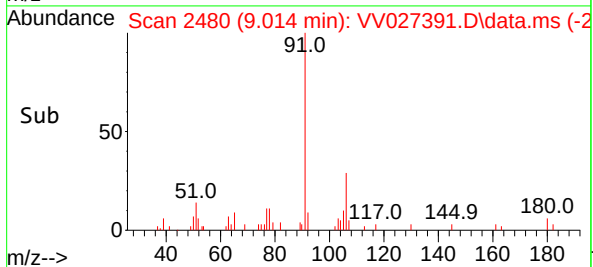
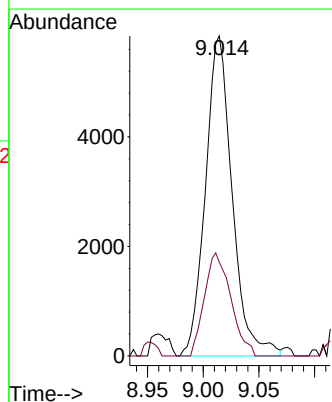
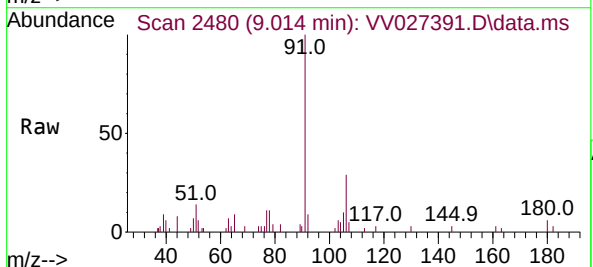
Instrument :  
MSVOA\_V  
ClientSampleId :

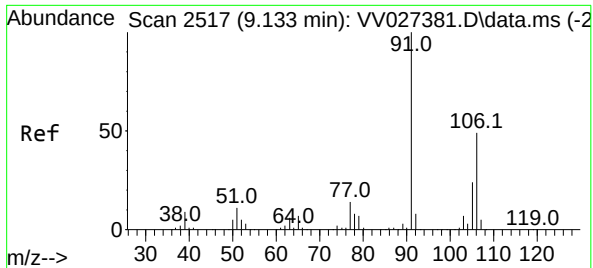
Tgt Ion: 78 Resp: 25448



#52  
Ethylbenzene  
Concen: 0.183 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. 0.007 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

Tgt Ion: 91 Resp: 9757  
Ion Ratio Lower Upper  
91 100  
106 29.3 21.5 39.9

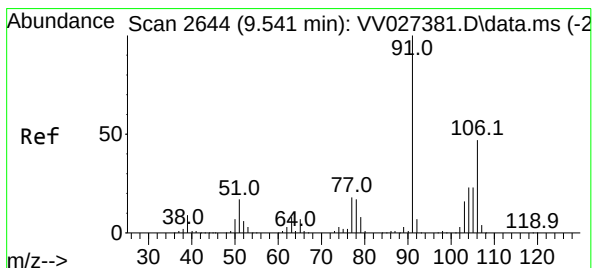
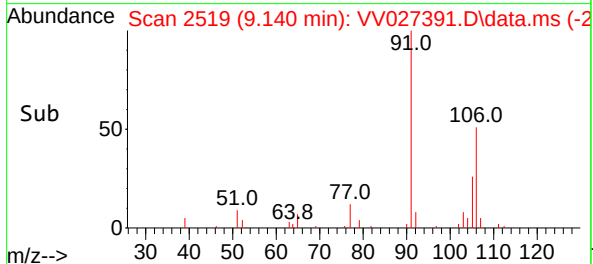
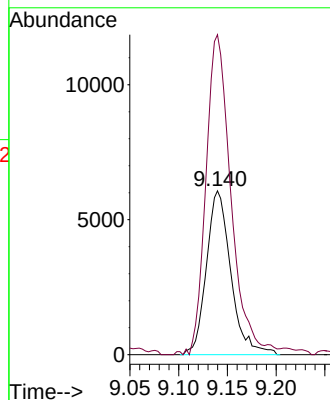
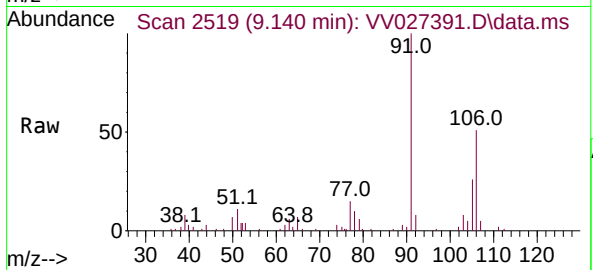




#53  
m,p-Xylene  
Concen: 0.522 ug/L  
RT: 9.140 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

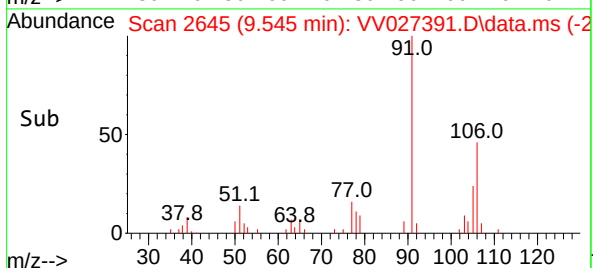
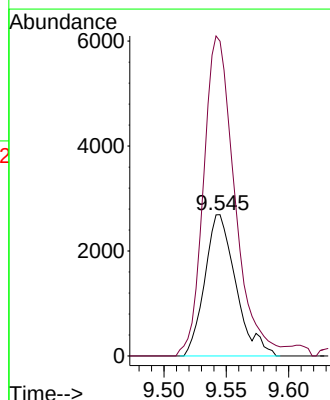
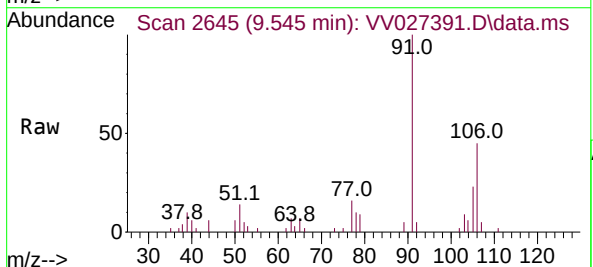
Instrument :  
MSVOA\_V  
ClientSampleId :

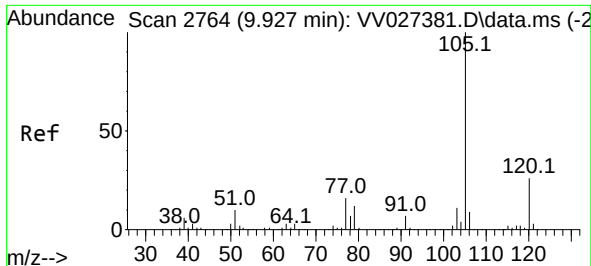
Tgt Ion:106 Resp: 10593  
Ion Ratio Lower Upper  
106 100  
91 195.2 141.5 262.9



#54  
o-Xylene  
Concen: 0.235 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. 0.003 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

Tgt Ion:106 Resp: 4666  
Ion Ratio Lower Upper  
106 100  
91 222.8 153.2 284.4

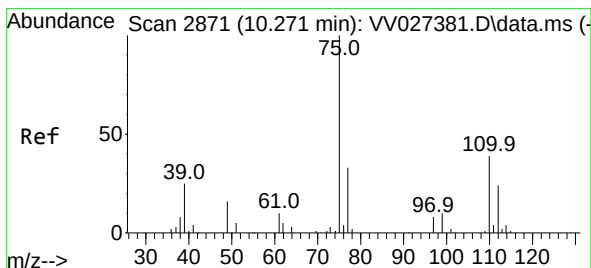
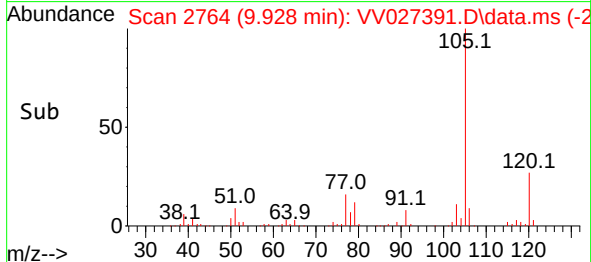
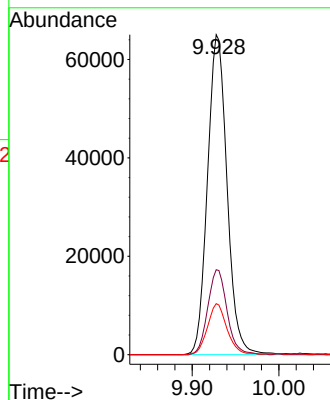
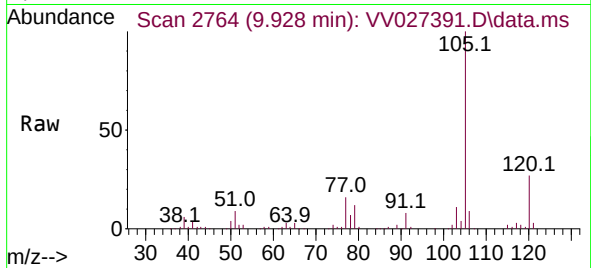




#60  
Isopropylbenzene  
Concen: 2.084 ug/L  
RT: 9.928 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

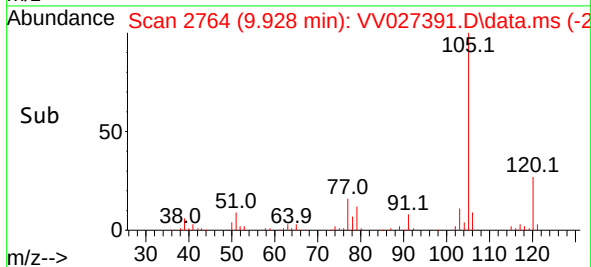
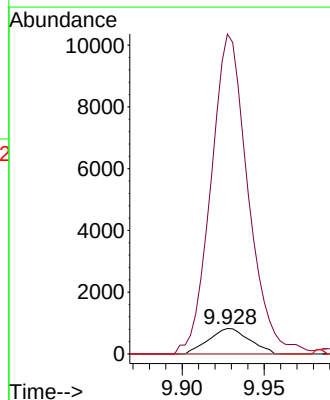
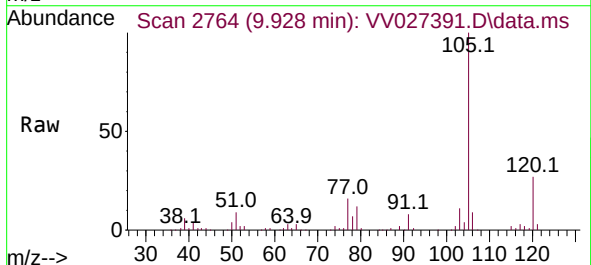
Instrument :  
MSVOA\_V  
ClientSampleId :

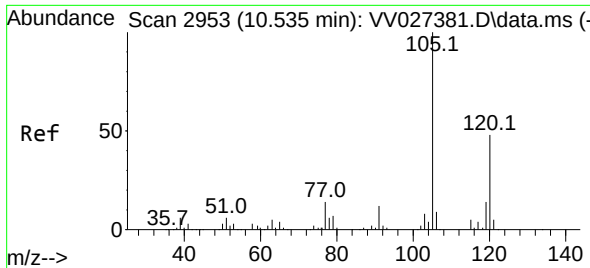
Tgt Ion:105 Resp: 101965  
Ion Ratio Lower Upper  
105 100  
120 26.2 21.0 31.4  
77 16.0 13.2 19.8



#61  
1,2,3-Trichloropropane  
Concen: 0.190 ug/L  
RT: 9.928 min Scan# 2764  
Delta R.T. -0.344 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

Tgt Ion: 75 Resp: 1420  
Ion Ratio Lower Upper  
75 100  
77 1147.5 26.6 39.8#  
110 3.6 31.0 46.6#

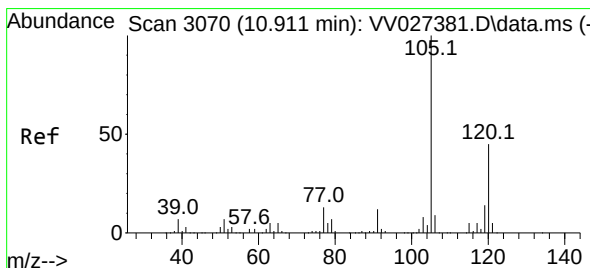
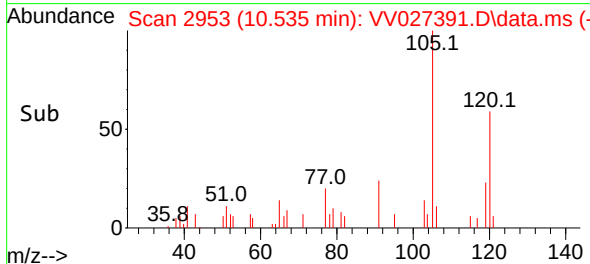
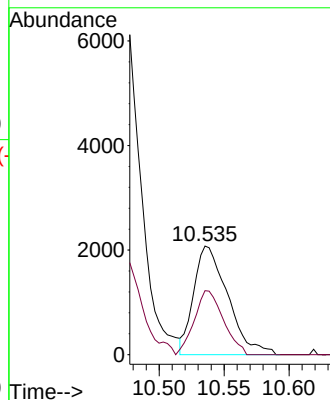
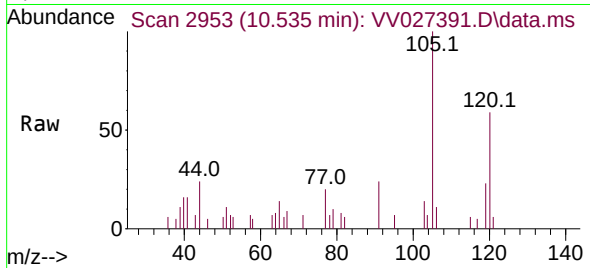




#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.280 ug/L  
 RT: 10.535 min Scan# 2953  
 Delta R.T. 0.000 min  
 Lab File: VV027391.D  
 Acq: 15 Aug 2022 16:22

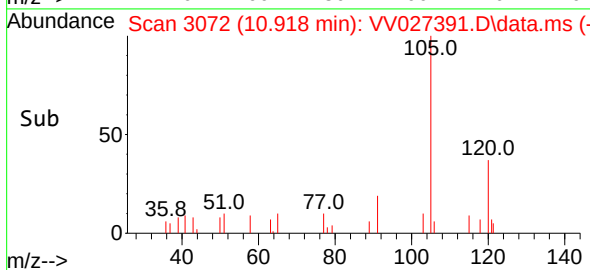
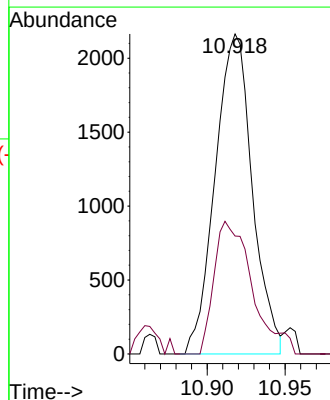
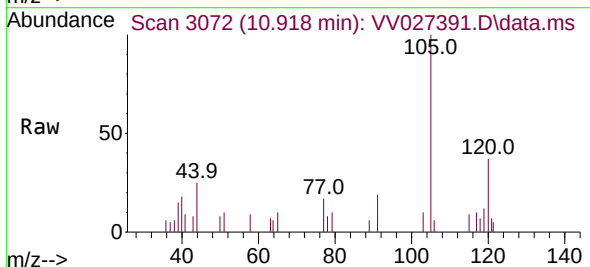
Instrument :  
 MSVOA\_V  
 ClientSampleId :

Tgt Ion:105 Resp: 3792  
 Ion Ratio Lower Upper  
 105 100  
 120 50.3 38.2 57.4

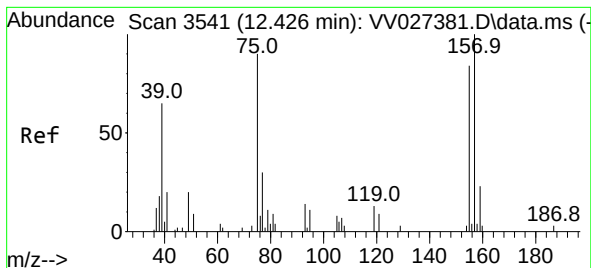


#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.093 ug/L  
 RT: 10.918 min Scan# 3072  
 Delta R.T. 0.007 min  
 Lab File: VV027391.D  
 Acq: 15 Aug 2022 16:22

Tgt Ion:105 Resp: 3595  
 Ion Ratio Lower Upper  
 105 100  
 120 42.6 36.2 54.2



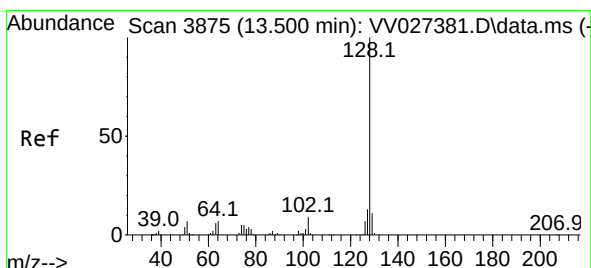
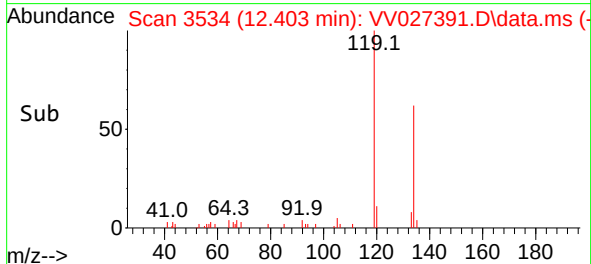
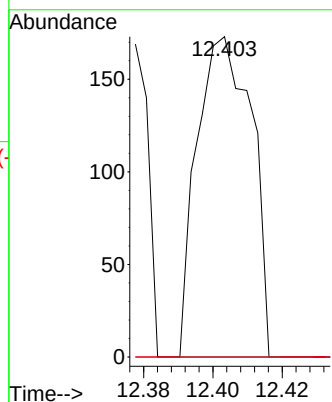
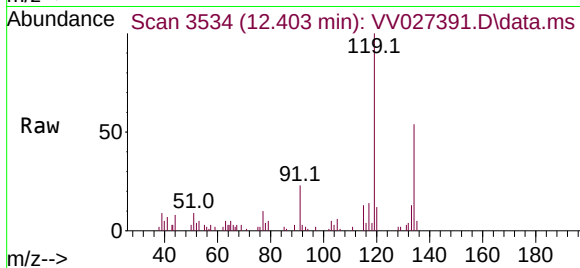




#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.121 ug/L  
RT: 12.403 min Scan# 3534  
Delta R.T. -0.022 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 75 Resp: 189  
Ion Ratio Lower Upper  
75 100  
155 0.0 65.8 98.6#  
157 0.0 73.0 109.4#



#71  
Naphthalene  
Concen: 5.681 ug/L  
RT: 13.500 min Scan# 3875  
Delta R.T. 0.000 min  
Lab File: VV027391.D  
Acq: 15 Aug 2022 16:22

Tgt Ion: 128 Resp: 115641  
Ion Ratio Lower Upper  
128 100  
129 12.2 9.0 13.4  
127 14.1 10.6 15.8

