

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101723\  
 Data File : VV032456.D  
 Acq On : 17 Oct 2023 19:31  
 Operator : SY/MD  
 Sample : 04918-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 18 06:07:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 18 06:02:40 2023  
 Response via : Initial Calibration

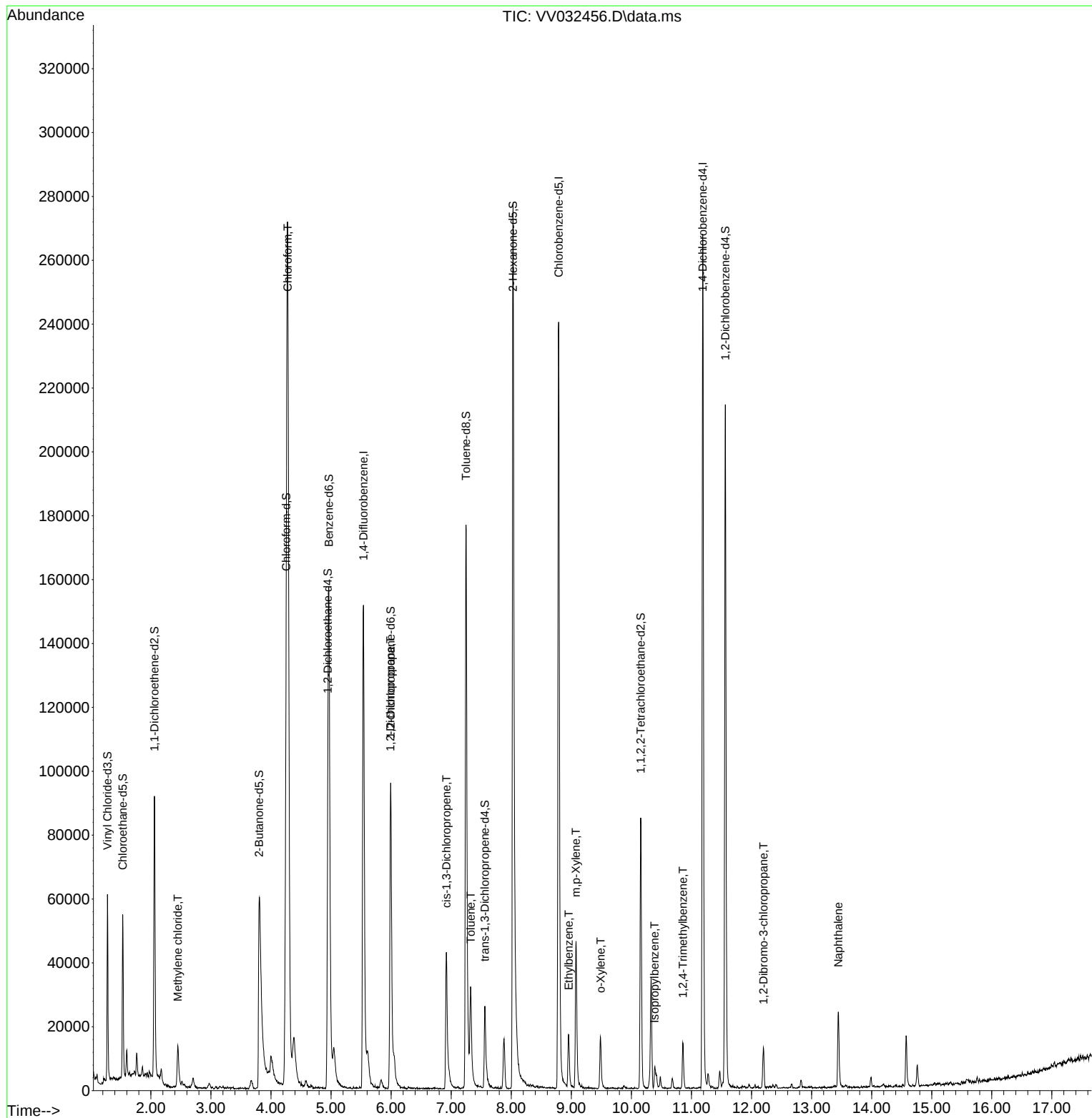
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114   | 132277   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 140689   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 67558    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 34785    | 3.233    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 64.600%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 32097    | 3.676    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 73.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 15083    | 3.324    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 66.400%  |
| 20) 2-Butanone-d5             | 3.802  | 46    | 122623   | 45.059   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 90.120%  |
| 24) Chloroform-d              | 4.253  | 84    | 89989    | 4.742    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 40460    | 4.501    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.000%  |
| 32) Benzene-d6                | 4.963  | 84    | 140299   | 3.389    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 67.800%# |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 48082    | 3.506    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 70.200%  |
| 41) Toluene-d8                | 7.246  | 98    | 127154   | 3.359    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.200%# |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 17249    | 3.549    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 71.000%  |
| 46) 2-Hexanone-d5             | 8.027  | 63    | 106646   | 46.635   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 41108    | 4.285    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 85.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 52595    | 4.195    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 84.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.449  | 84    | 4829     | 0.382    | ug/L   | 95       |
| 25) Chloroform                | 4.278  | 83    | 258540   | 12.606   | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 5.989  | 63    | 5433     | 0.410    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 6.921  | 75    | 1321     | 0.070    | ug/L # | 48       |
| 42) Toluene                   | 7.326  | 91    | 24946    | 0.472    | ug/L   | 99       |
| 52) Ethylbenzene              | 8.956  | 91    | 12986    | 0.221    | ug/L   | 96       |
| 53) m,p-Xylene                | 9.079  | 106   | 12985    | 0.595    | ug/L   | 96       |
| 54) o-Xylene                  | 9.487  | 106   | 4545     | 0.216    | ug/L   | 97       |
| 60) Isopropylbenzene          | 10.387 | 105   | 6881     | 0.131    | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 10.857 | 105   | 7783     | 0.183    | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.201 | 75    | 540      | 0.368    | ug/L # | 1        |
| 71) Naphthalene               | 13.445 | 128   | 19737    | 0.713    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

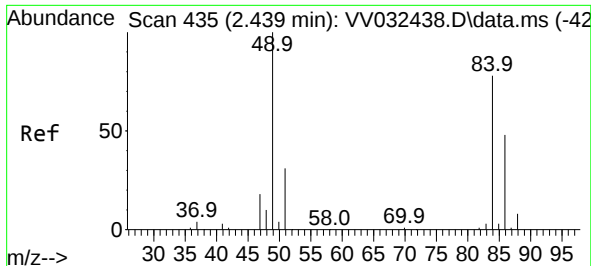
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 18 06:02:40 2023  
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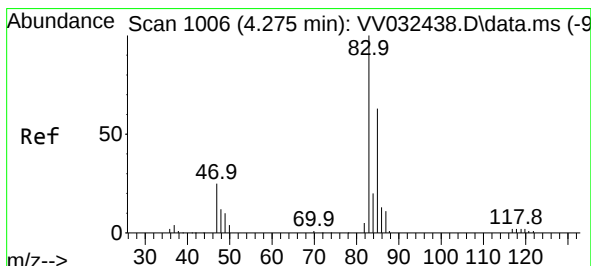
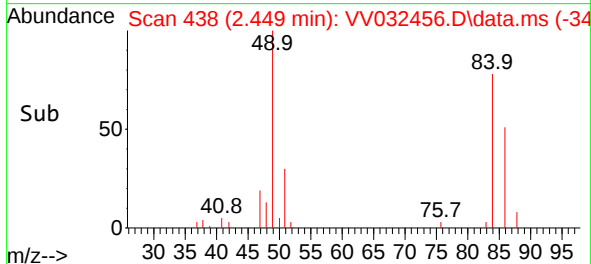
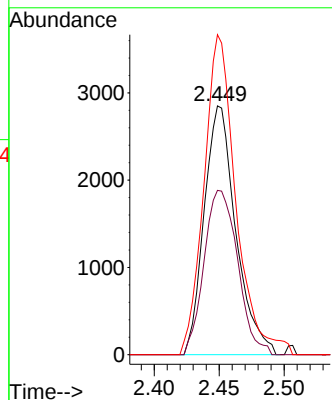
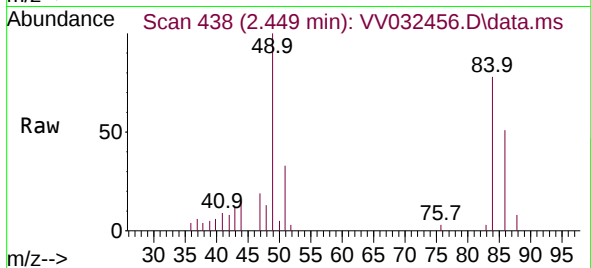




#16  
Methylene chloride  
Concen: 0.382 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.010 min  
Lab File: VV032456.D  
Acq: 17 Oct 2023 19:31

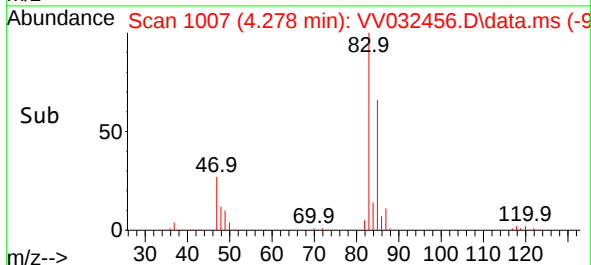
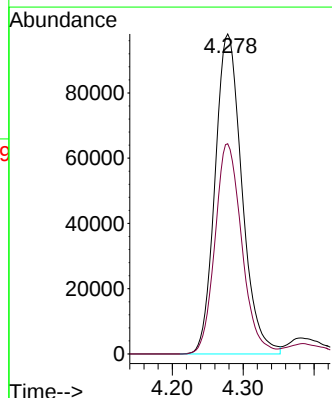
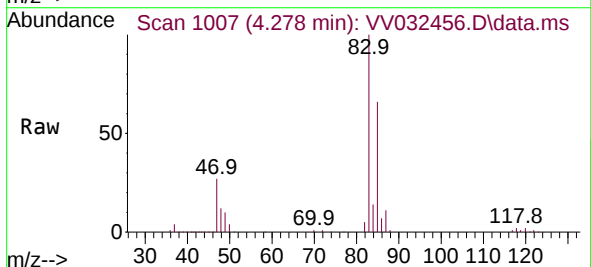
Instrument :  
MSVOA\_V  
ClientSampleId :

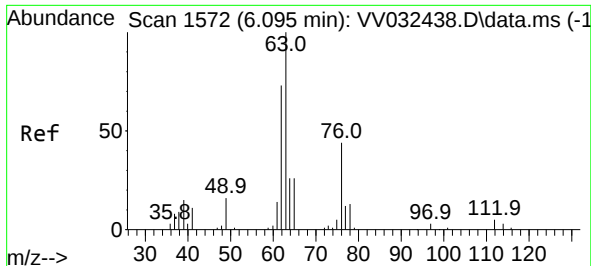
Tgt Ion: 84 Resp: 4829  
Ion Ratio Lower Upper  
84 100  
86 66.0 43.2 80.2  
49 128.6 86.3 160.3



#25  
Chloroform  
Concen: 12.606 ug/L  
RT: 4.278 min Scan# 1007  
Delta R.T. 0.003 min  
Lab File: VV032456.D  
Acq: 17 Oct 2023 19:31

Tgt Ion: 83 Resp: 258540  
Ion Ratio Lower Upper  
83 100  
85 65.7 45.4 84.4





#37

1,2-Dichloropropane

Concen: 0.410 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV032456.D

Acq: 17 Oct 2023 19:31

Instrument :

MSVOA\_V

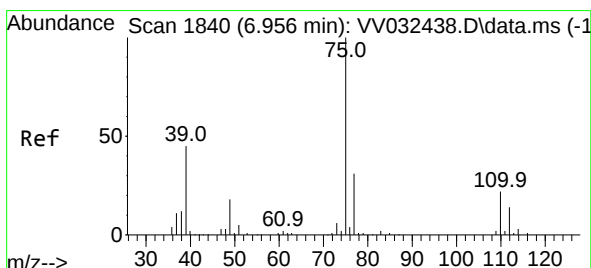
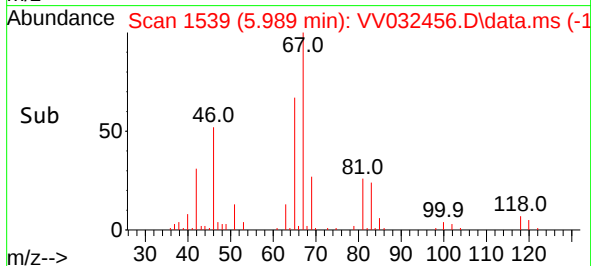
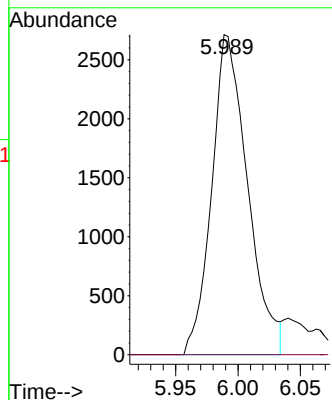
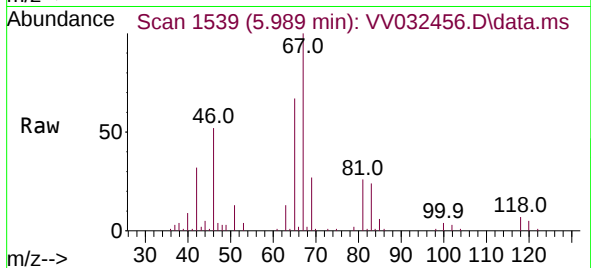
ClientSampleId :

Tgt Ion: 63 Resp: 5433

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.035 min

Lab File: VV032456.D

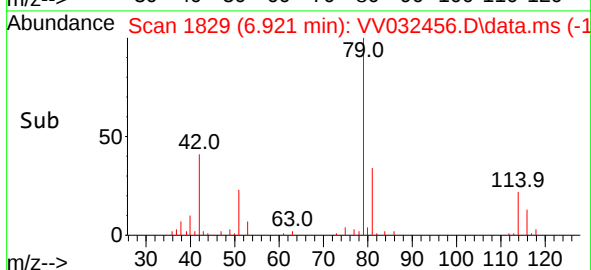
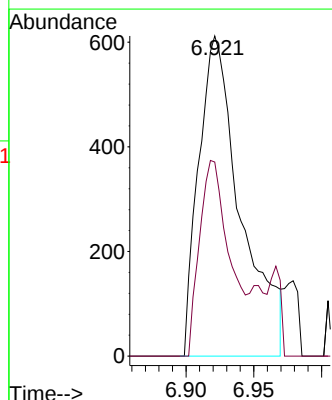
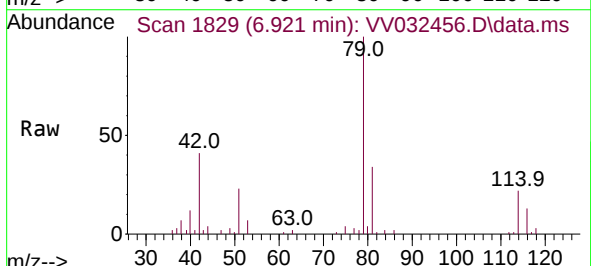
Acq: 17 Oct 2023 19:31

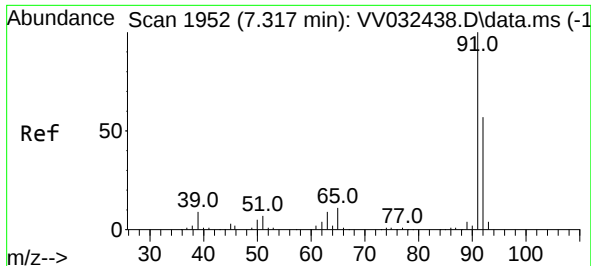
Tgt Ion: 75 Resp: 1321

Ion Ratio Lower Upper

75 100

77 60.6 22.2 41.2#





#42

Toluene

Concen: 0.472 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV032456.D

Acq: 17 Oct 2023 19:31

Instrument :

MSVOA\_V

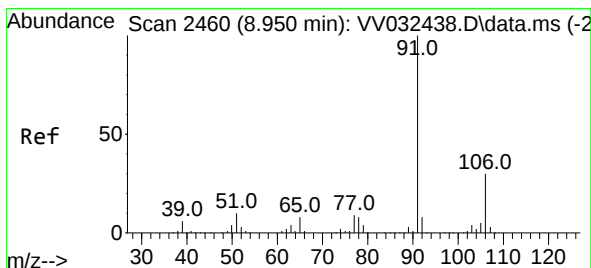
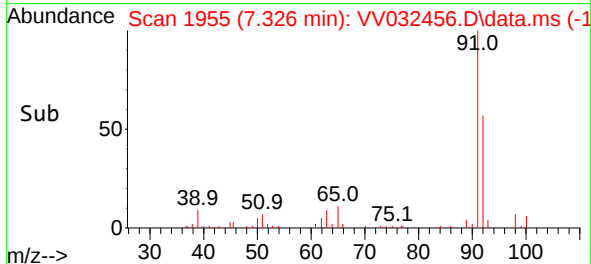
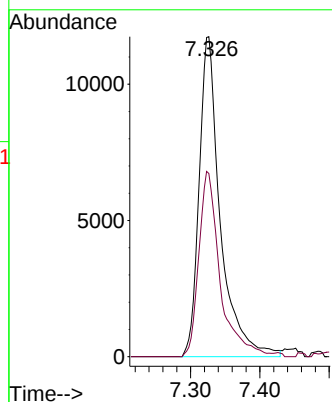
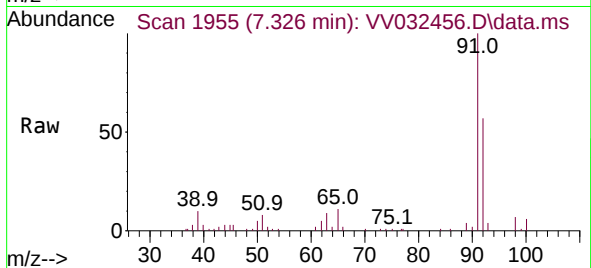
ClientSampleId :

Tgt Ion: 91 Resp: 24946

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#52

Ethylbenzene

Concen: 0.221 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.007 min

Lab File: VV032456.D

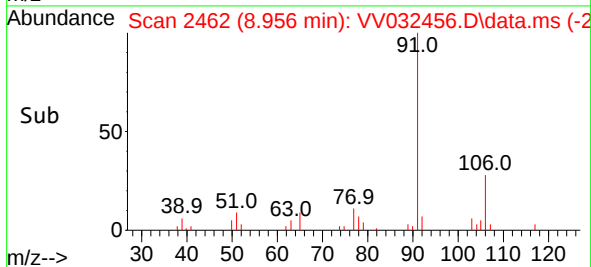
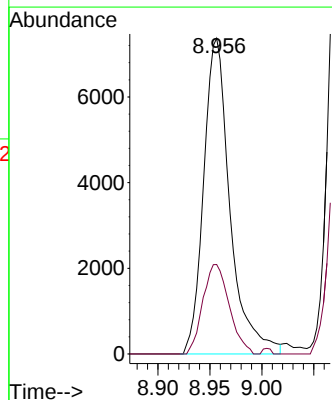
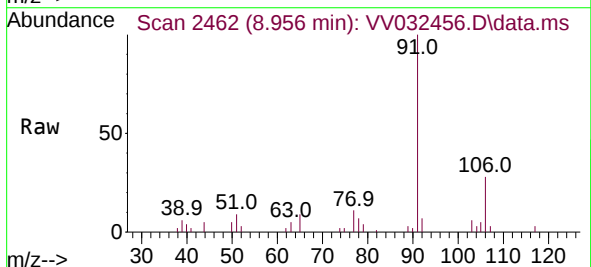
Acq: 17 Oct 2023 19:31

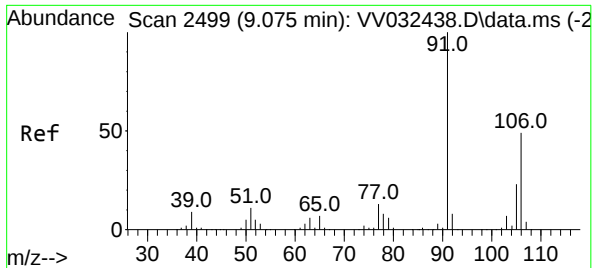
Tgt Ion: 91 Resp: 12986

Ion Ratio Lower Upper

91 100

106 28.3 21.3 39.5

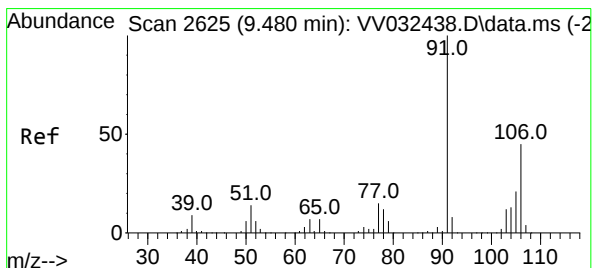
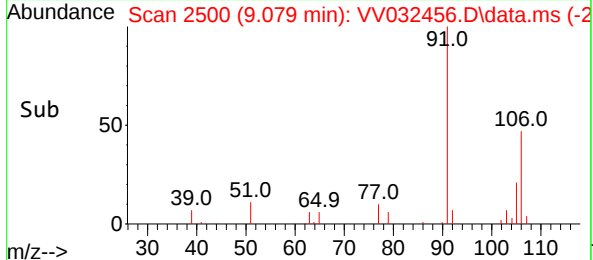
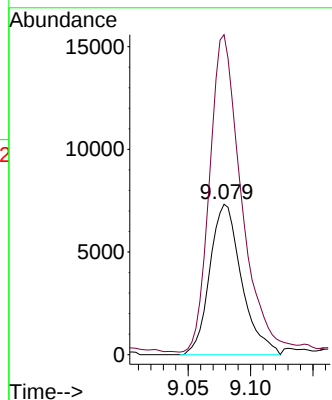
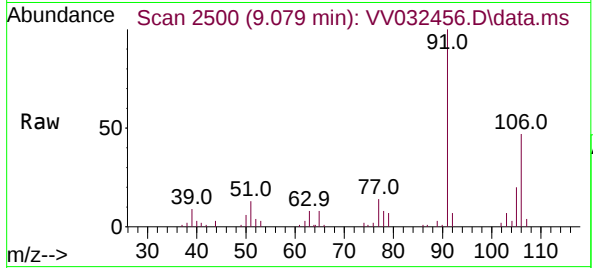




#53  
m,p-Xylene  
Concen: 0.595 ug/L  
RT: 9.079 min Scan# 2499  
Delta R.T. 0.003 min  
Lab File: VV032456.D  
Acq: 17 Oct 2023 19:31

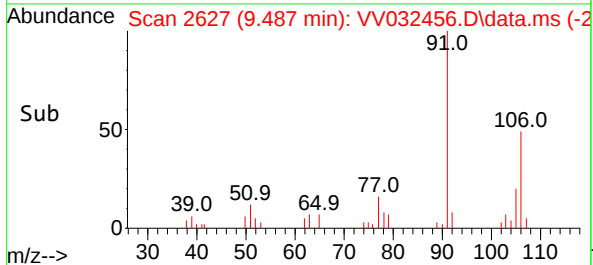
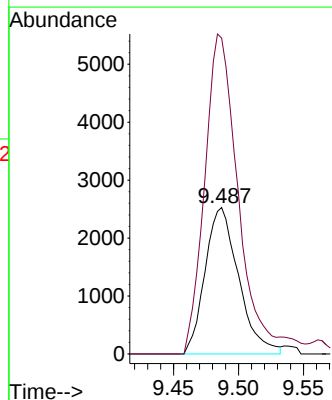
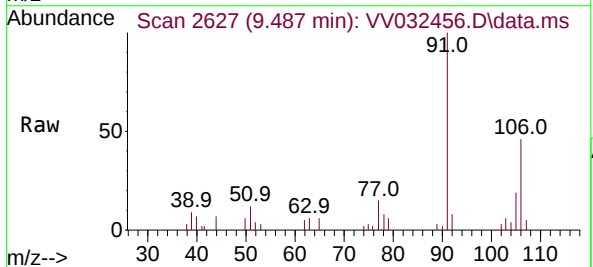
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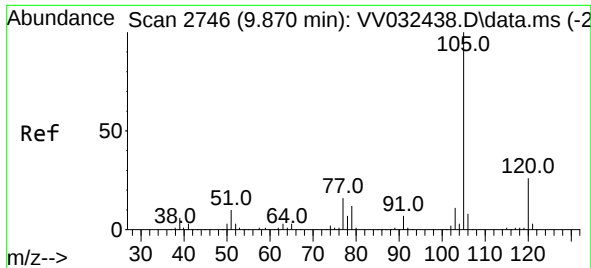
Tgt Ion:106 Resp: 12985  
Ion Ratio Lower Upper  
106 100  
91 212.7 144.5 268.3



#54  
o-Xylene  
Concen: 0.216 ug/L  
RT: 9.487 min Scan# 2627  
Delta R.T. 0.007 min  
Lab File: VV032456.D  
Acq: 17 Oct 2023 19:31

Tgt Ion:106 Resp: 4545  
Ion Ratio Lower Upper  
106 100  
91 215.7 154.8 287.4

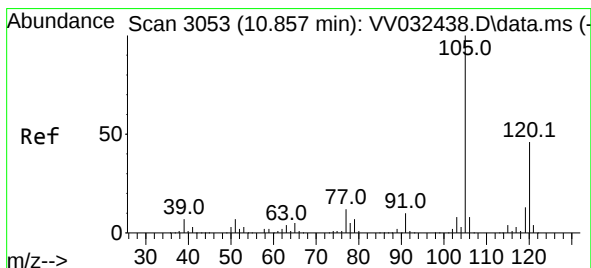
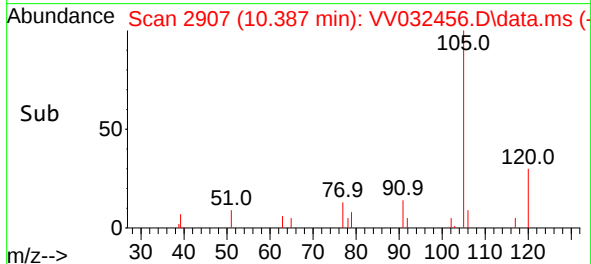
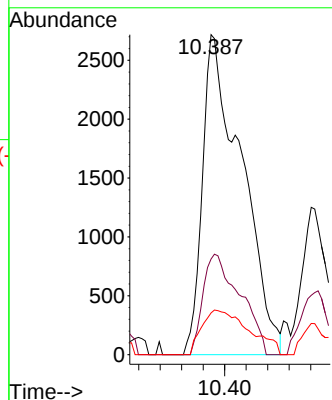
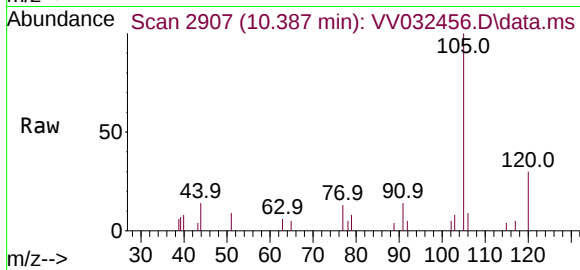




#60  
Isopropylbenzene  
Concen: 0.131 ug/L  
RT: 10.387 min Scan# 2907  
Delta R.T. 0.518 min  
Lab File: VV032456.D  
Acq: 17 Oct 2023 19:31

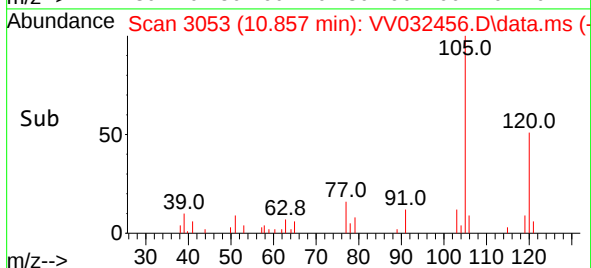
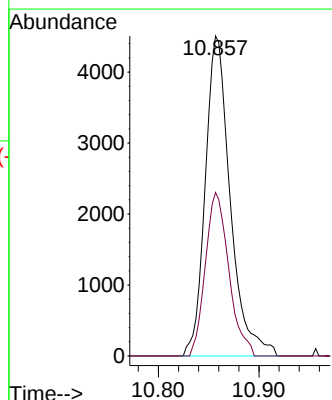
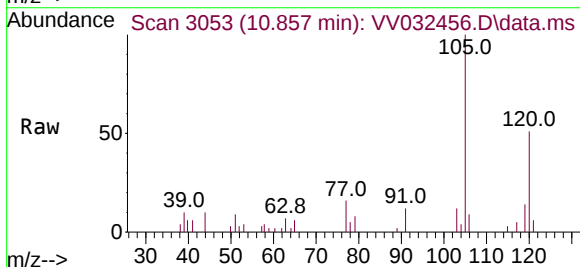
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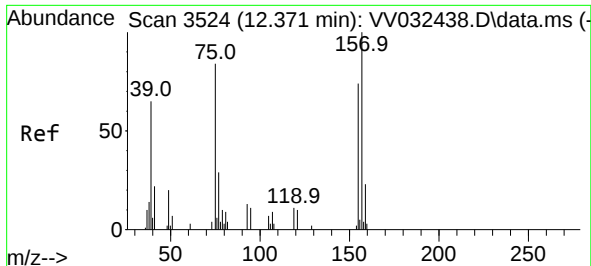
Tgt Ion:105 Resp: 6881  
Ion Ratio Lower Upper  
105 100  
120 29.7 21.0 31.6  
77 16.8 12.6 19.0



#63  
1,2,4-Trimethylbenzene  
Concen: 0.183 ug/L  
RT: 10.857 min Scan# 3053  
Delta R.T. 0.000 min  
Lab File: VV032456.D  
Acq: 17 Oct 2023 19:31

Tgt Ion:105 Resp: 7783  
Ion Ratio Lower Upper  
105 100  
120 47.9 36.2 54.4

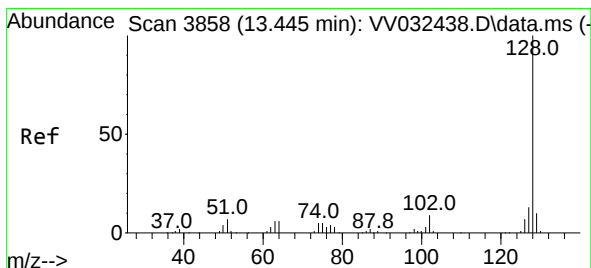
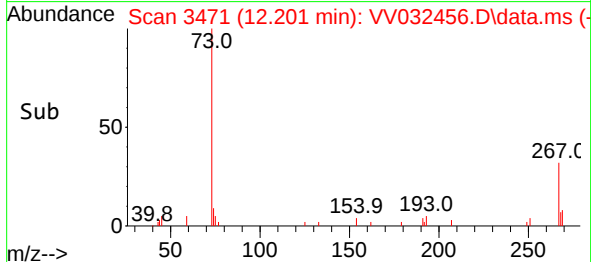
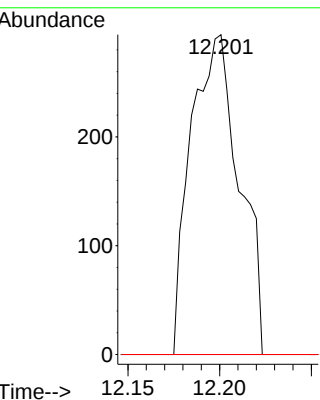
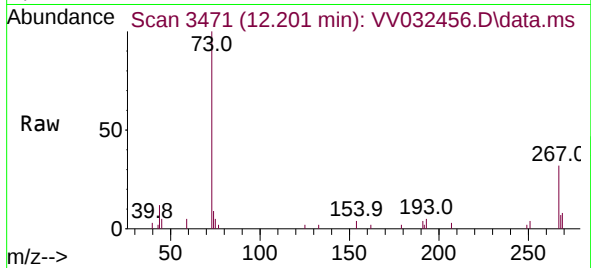




#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.368 ug/L  
RT: 12.201 min Scan# 3471  
Delta R.T. -0.170 min  
Lab File: VV032456.D  
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ClientSampleId :

Tgt Ion: 75 Resp: 540  
Ion Ratio Lower Upper  
75 100  
155 0.0 70.2 105.4#  
157 0.0 90.6 135.8#



#71  
Naphthalene  
Concen: 0.713 ug/L  
RT: 13.445 min Scan# 3858  
Delta R.T. 0.000 min  
Lab File: VV032456.D  
Acq: 17 Oct 2023 19:31

Tgt Ion:128 Resp: 19737  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.4  
127 13.1 10.2 15.2

