

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102722\  
 Data File : VW028742.D  
 Acq On : 28 Oct 2022 01:54  
 Operator : SY/MD  
 Sample : N5232-09DL 50X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHA49DL

Quant Time: Oct 28 05:38:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 28 05:21:35 2022  
 Response via : Initial Calibration

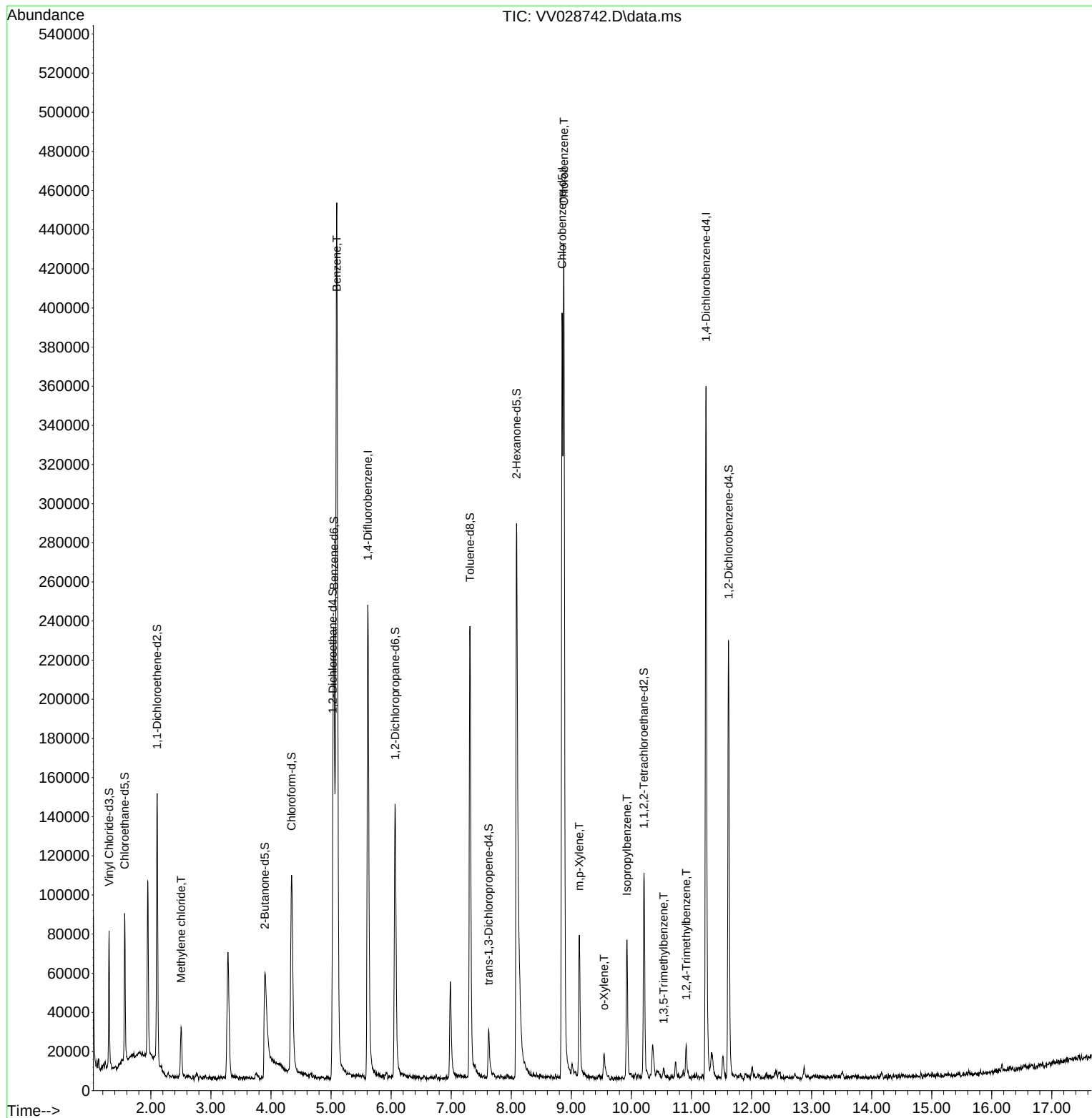
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 199457   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 183377   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152   | 82102    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 46025    | 3.318    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 66.400%  |
| 7) Chloroethane-d5            | 1.565  | 69    | 47126    | 4.018    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 74497    | 2.776    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 55.600%# |
| 20) 2-Butanone-d5             | 3.899  | 46    | 129176   | 40.839   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.680%  |
| 24) Chloroform-d              | 4.343  | 84    | 99567    | 4.133    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 53563    | 4.382    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.600%  |
| 32) Benzene-d6                | 5.047  | 84    | 193220   | 3.940    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 70480    | 4.540    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.800%  |
| 41) Toluene-d8                | 7.314  | 98    | 150983   | 3.945    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.000%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 15349    | 3.182    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 63.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 126957   | 56.550   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 113.100% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.211 | 84    | 51637    | 5.016    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.619 | 152   | 52768    | 4.660    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.503  | 84    | 10057    | 0.665    | ug/L   | 96       |
| 33) Benzene                   | 5.095  | 78    | 427966   | 7.809    | ug/L   | 100      |
| 51) Chlorobenzene             | 8.876  | 112   | 202214   | 6.180    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.133  | 106   | 20031    | 0.961    | ug/L   | 92       |
| 54) o-Xylene                  | 9.545  | 106   | 3176     | 0.151    | ug/L   | 90       |
| 60) Isopropylbenzene          | 9.928  | 105   | 43431    | 0.841    | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.535 | 105   | 2094     | 0.139    | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105   | 8240     | 0.197    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

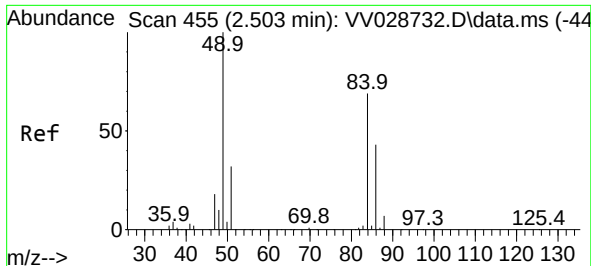
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Oct 28 05:21:35 2022  
Response via : Initial Calibration

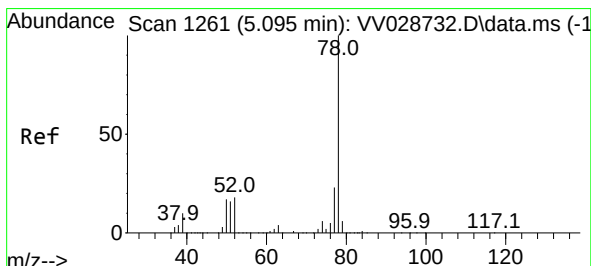
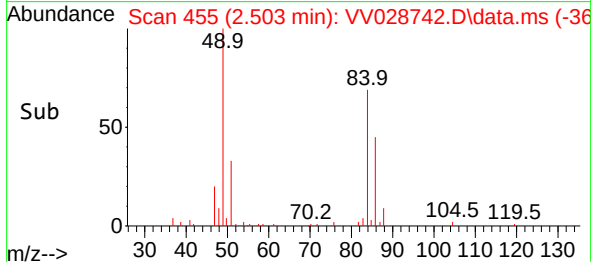
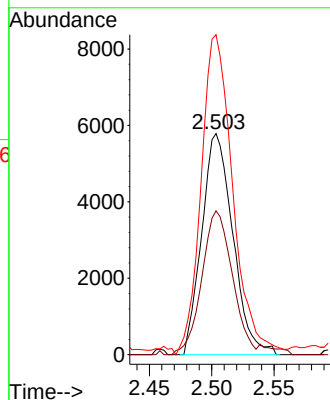
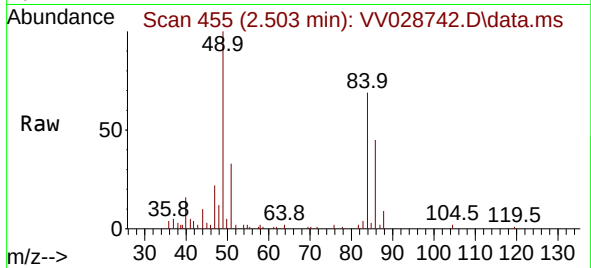




#16  
Methylene chloride  
Concen: 0.665 ug/L  
RT: 2.503 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV028742.D  
Acq: 28 Oct 2022 01:54

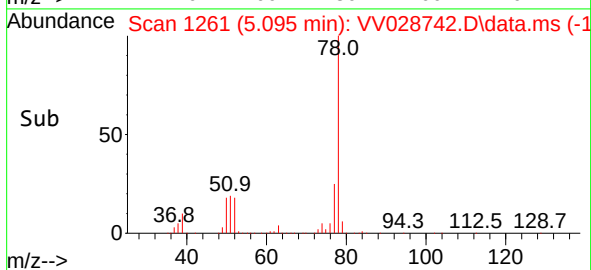
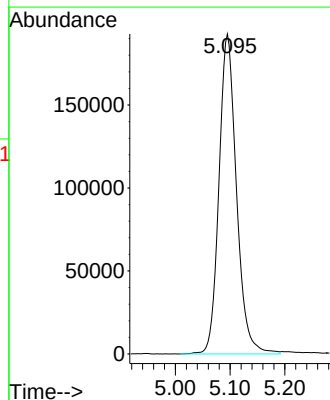
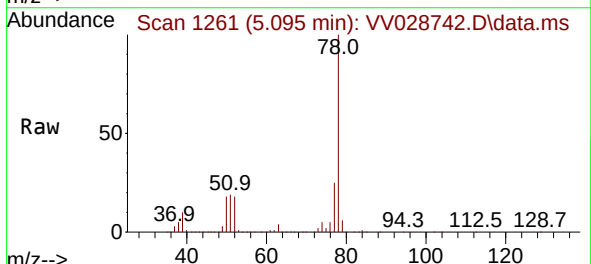
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHA49DL

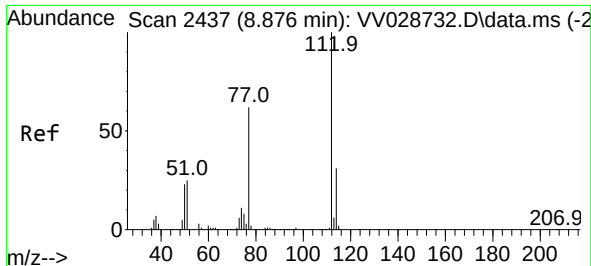
Tgt Ion: 84 Resp: 10057  
Ion Ratio Lower Upper  
84 100  
86 65.1 44.4 82.4  
49 152.3 110.8 205.8



#33  
Benzene  
Concen: 7.809 ug/L  
RT: 5.095 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: VV028742.D  
Acq: 28 Oct 2022 01:54

Tgt Ion: 78 Resp: 427966

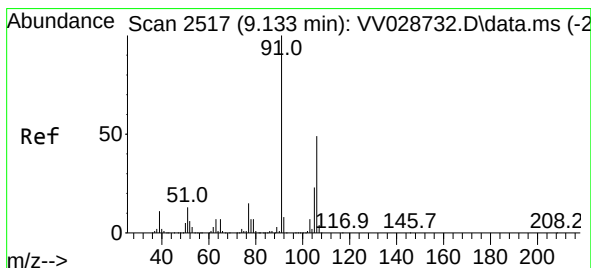
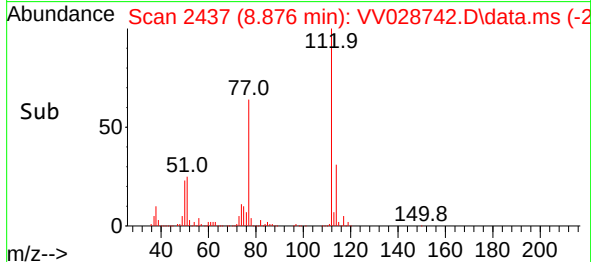
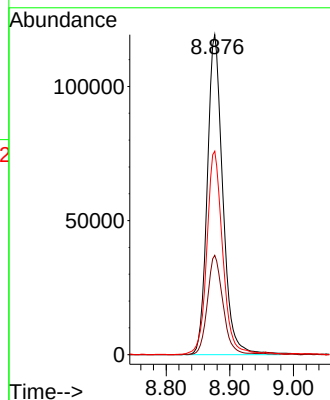
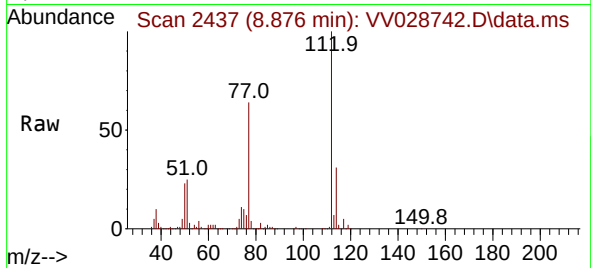




#51  
Chlorobenzene  
Concen: 6.180 ug/L  
RT: 8.876 min Scan# 2437  
Delta R.T. 0.000 min  
Lab File: VV028742.D  
Acq: 28 Oct 2022 01:54

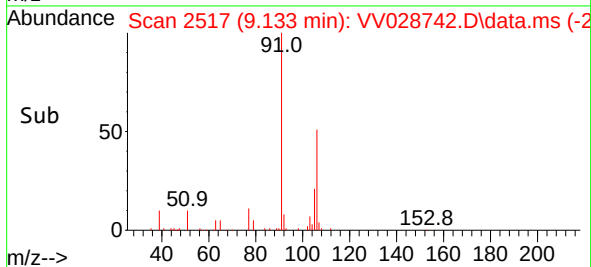
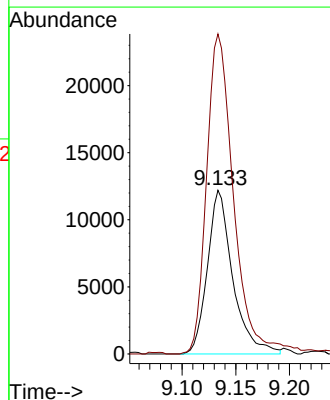
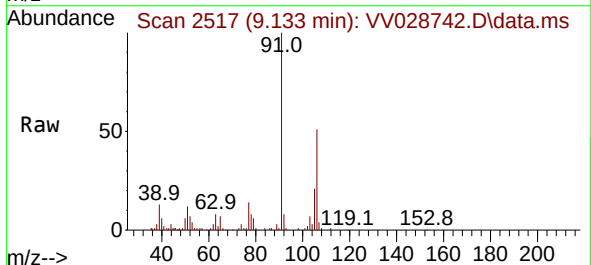
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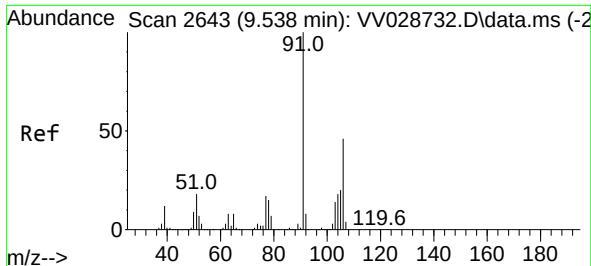
Tgt Ion:112 Resp: 202214  
Ion Ratio Lower Upper  
112 100  
114 31.1 22.0 41.0  
77 63.6 50.0 75.0



#53  
m,p-Xylene  
Concen: 0.961 ug/L  
RT: 9.133 min Scan# 2517  
Delta R.T. 0.000 min  
Lab File: VV028742.D  
Acq: 28 Oct 2022 01:54

Tgt Ion:106 Resp: 20031  
Ion Ratio Lower Upper  
106 100  
91 195.6 145.5 270.1

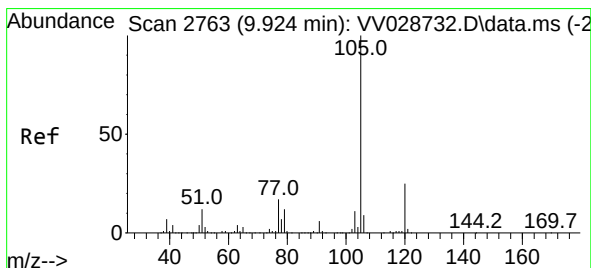
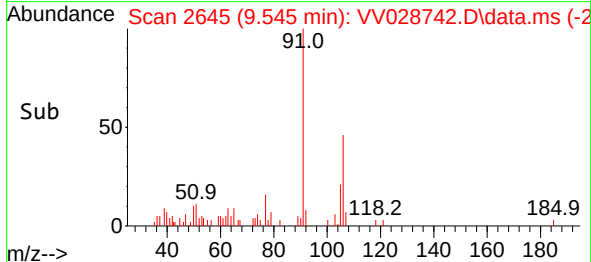
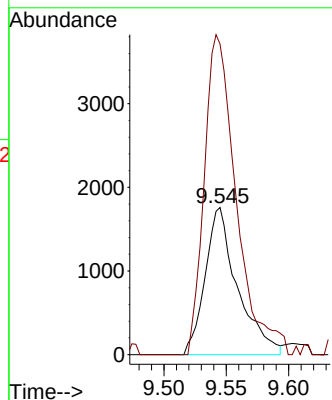
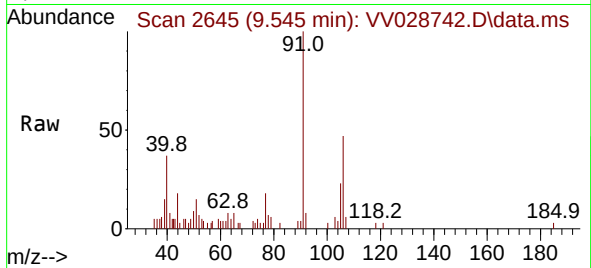




#54  
o-Xylene  
Concen: 0.151 ug/L  
RT: 9.545 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: VV028742.D  
Acq: 28 Oct 2022 01:54

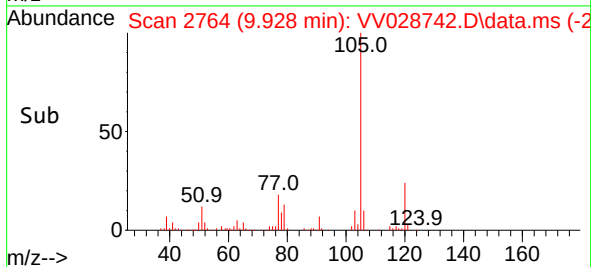
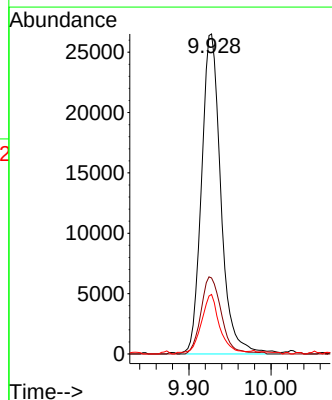
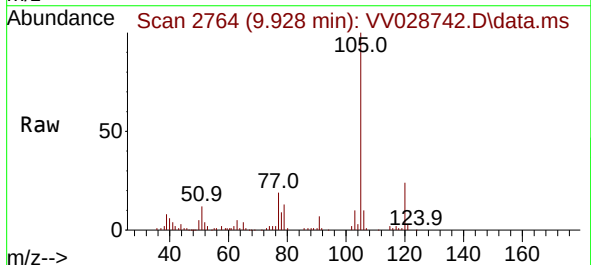
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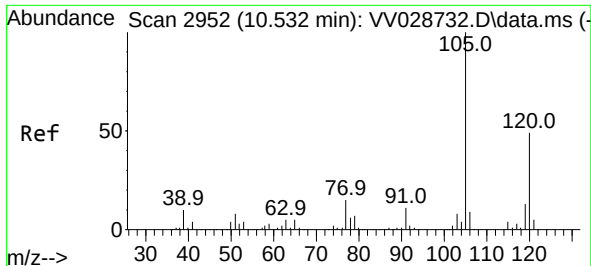
Tgt Ion:106 Resp: 3176  
Ion Ratio Lower Upper  
106 100  
91 210.9 159.0 295.4



#60  
Isopropylbenzene  
Concen: 0.841 ug/L  
RT: 9.928 min Scan# 2764  
Delta R.T. 0.003 min  
Lab File: VV028742.D  
Acq: 28 Oct 2022 01:54

Tgt Ion:105 Resp: 43431  
Ion Ratio Lower Upper  
105 100  
120 25.6 20.1 30.1  
77 17.9 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 0.139 ug/L

RT: 10.535 min Scan# 2952

Delta R.T. 0.003 min

Lab File: VV028742.D

Acq: 28 Oct 2022 01:54

Instrument :

MSVOA\_V

ClientSampleId :

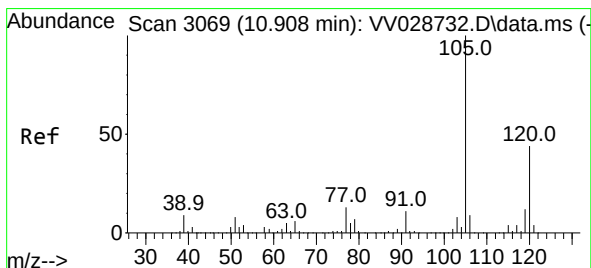
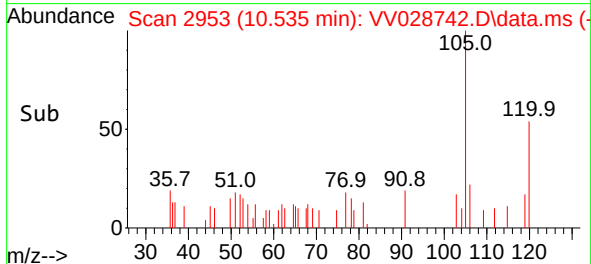
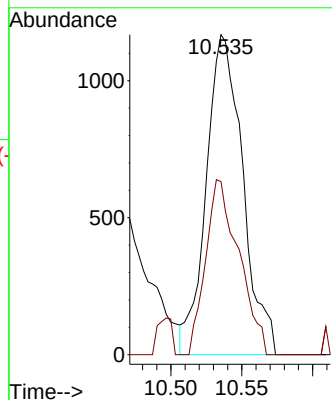
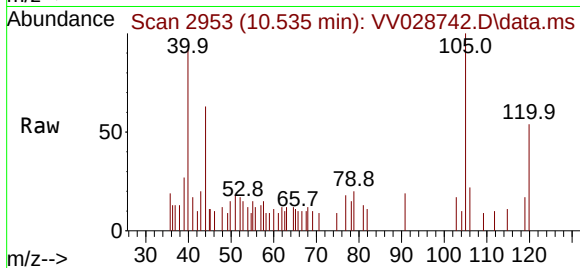
BHA49DL

Tgt Ion:105 Resp: 2094

Ion Ratio Lower Upper

105 100

120 49.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.197 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.003 min

Lab File: VV028742.D

Acq: 28 Oct 2022 01:54

Tgt Ion:105 Resp: 8240

Ion Ratio Lower Upper

105 100

120 47.7 36.2 54.2

