

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101823\  
 Data File : VV032481.D  
 Acq On : 18 Oct 2023 19:10  
 Operator : SY/MD  
 Sample : 04944-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 19 04:35:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 19 04:26:22 2023  
 Response via : Initial Calibration

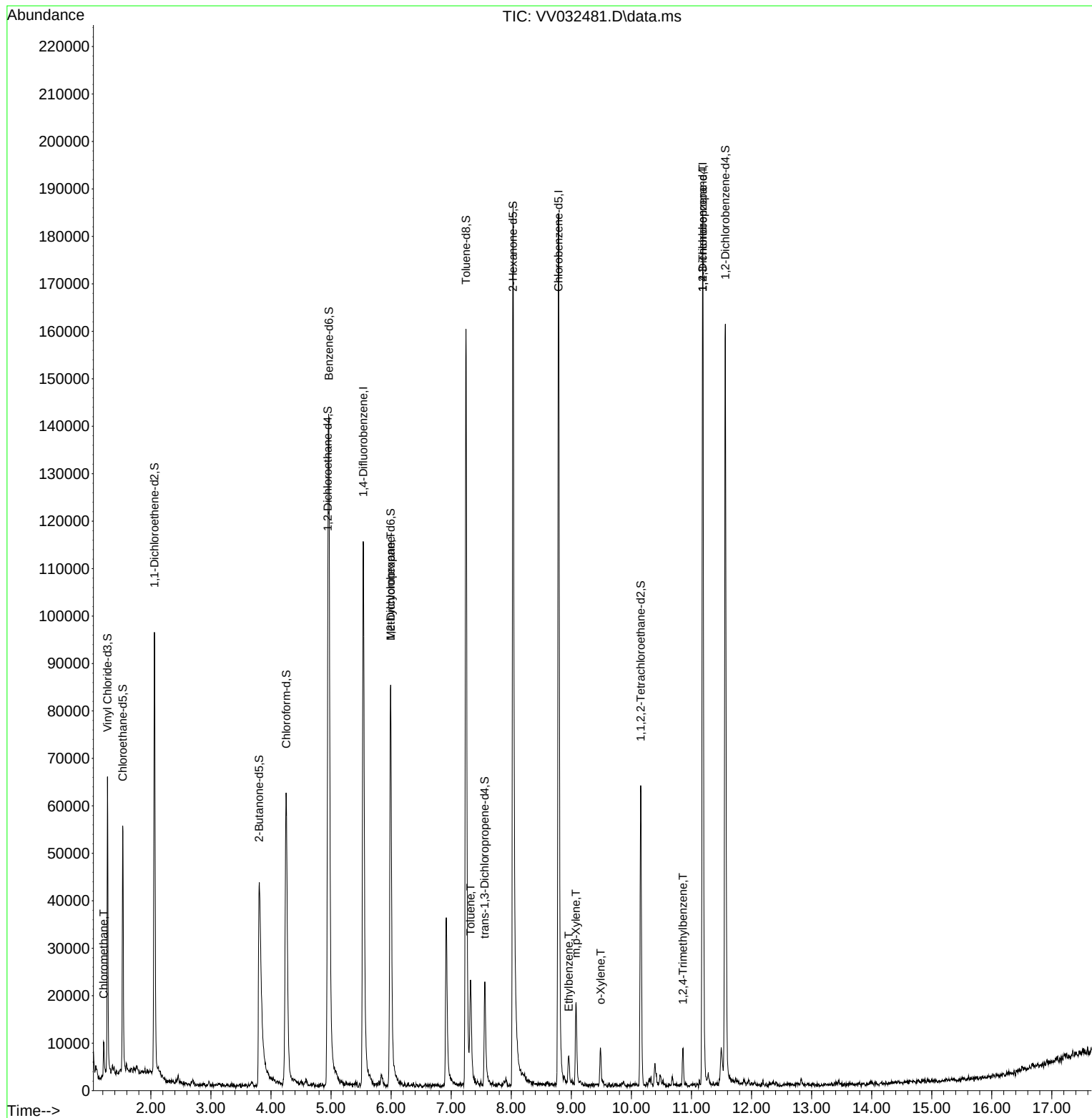
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 99651    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 101820   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 47669    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 37557    | 4.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.600%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 33348    | 5.069    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 101.400% |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 16167    | 4.730    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 94.600%  |
| 20) 2-Butanone-d5             | 3.802  | 46    | 82035    | 40.014   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 80.020%  |
| 24) Chloroform-d              | 4.253  | 84    | 66340    | 4.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 33505    | 4.947    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.000%  |
| 32) Benzene-d6                | 4.963  | 84    | 129441   | 4.320    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 42429    | 4.274    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.400%  |
| 41) Toluene-d8                | 7.246  | 98    | 106588   | 3.891    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.800%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 13609    | 3.869    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.400%  |
| 46) 2-Hexanone-d5             | 8.031  | 63    | 63478    | 38.355   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 76.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 31710    | 4.567    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 39518    | 4.467    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.217  | 50    | 4664     | 0.417    | ug/L   | 97       |
| 35) Methylcyclohexane         | 5.992  | 83    | 9773     | 0.645    | ug/L # | 16       |
| 42) Toluene                   | 7.323  | 91    | 15962    | 0.418    | ug/L   | 92       |
| 52) Ethylbenzene              | 8.957  | 91    | 4657     | 0.109    | ug/L   | 98       |
| 53) m,p-Xylene                | 9.079  | 106   | 4826     | 0.306    | ug/L   | 89       |
| 54) o-Xylene                  | 9.487  | 106   | 1984     | 0.130    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.188 | 75    | 6319     | 1.245    | ug/L # | 63       |
| 63) 1,2,4-Trimethylbenzene    | 10.857 | 105   | 4161     | 0.138    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

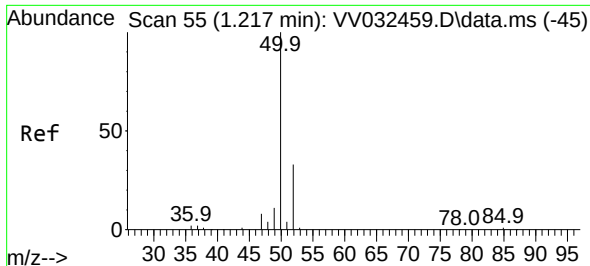
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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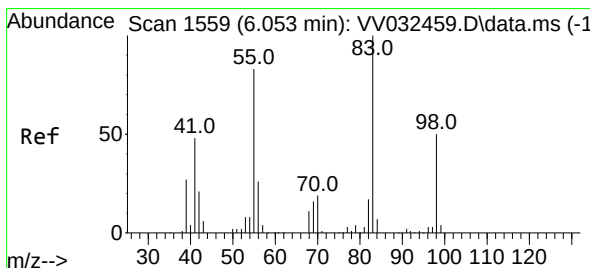
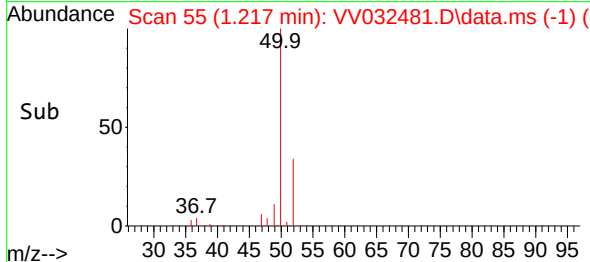
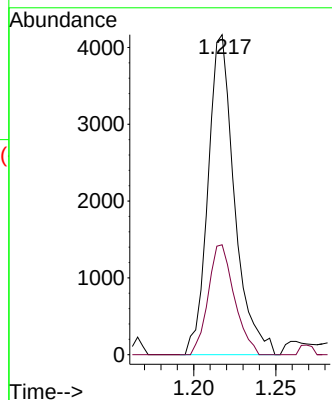
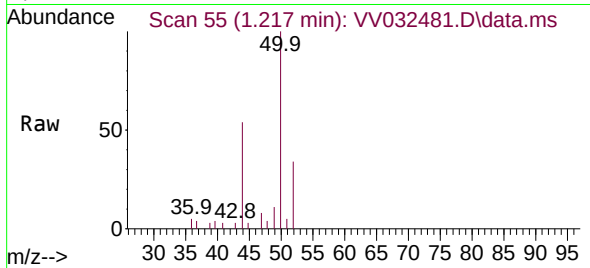




#3  
Chloromethane  
Concen: 0.417 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VV032481.D  
Acq: 18 Oct 2023 19:10

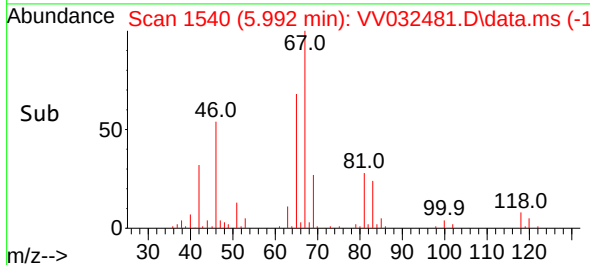
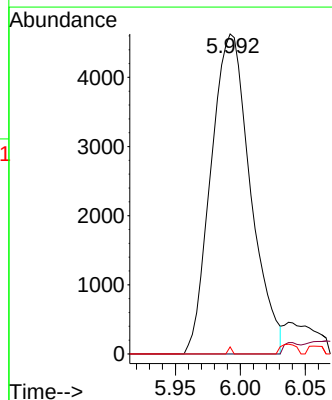
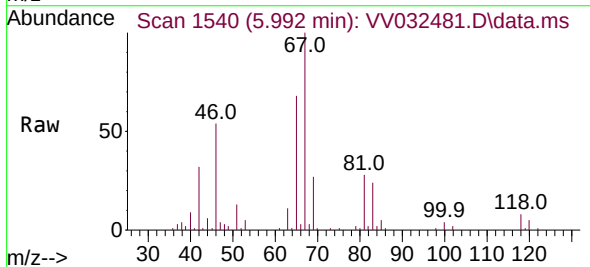
Instrument :  
MSVOA\_V  
ClientSampleId :

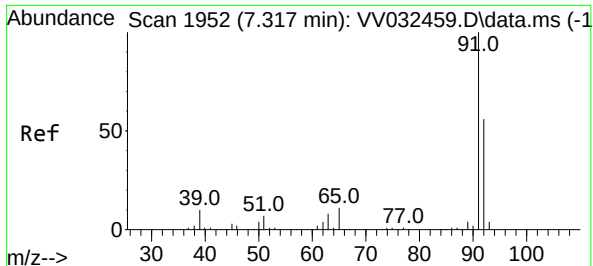
Tgt Ion: 50 Resp: 4664  
Ion Ratio Lower Upper  
50 100  
52 34.3 23.0 42.6



#35  
Methylcyclohexane  
Concen: 0.645 ug/L  
RT: 5.992 min Scan# 1540  
Delta R.T. -0.061 min  
Lab File: VV032481.D  
Acq: 18 Oct 2023 19:10

Tgt Ion: 83 Resp: 9773  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.2 96.2#  
98 0.2 39.6 59.4#





#42

Toluene

Concen: 0.418 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV032481.D

Acq: 18 Oct 2023 19:10

Instrument :

MSVOA\_V

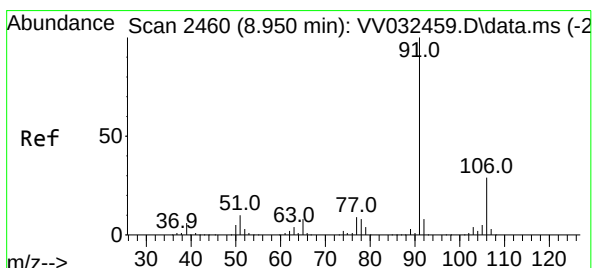
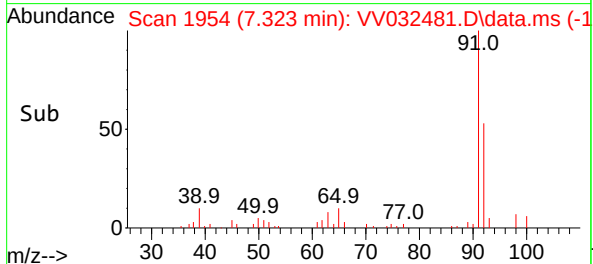
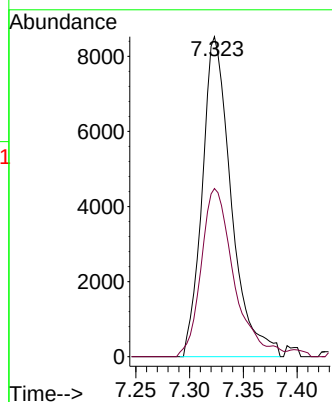
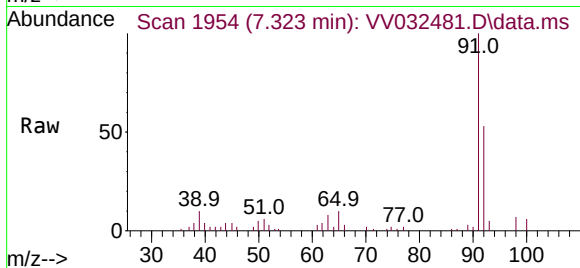
ClientSampleId :

Tgt Ion: 91 Resp: 15962

Ion Ratio Lower Upper

91 100

92 52.6 40.8 75.8



#52

Ethylbenzene

Concen: 0.109 ug/L

RT: 8.957 min Scan# 2462

Delta R.T. 0.007 min

Lab File: VV032481.D

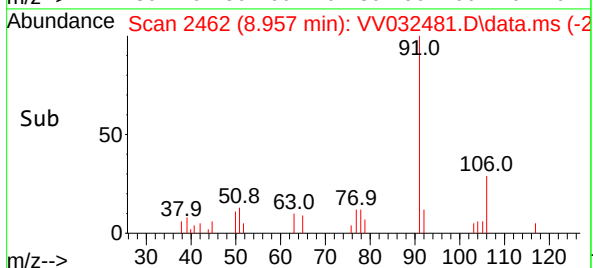
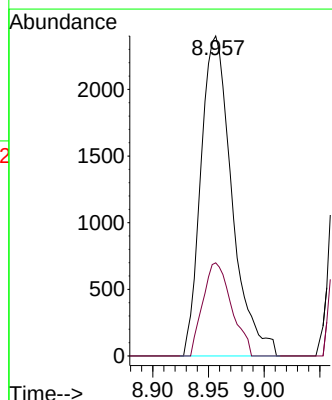
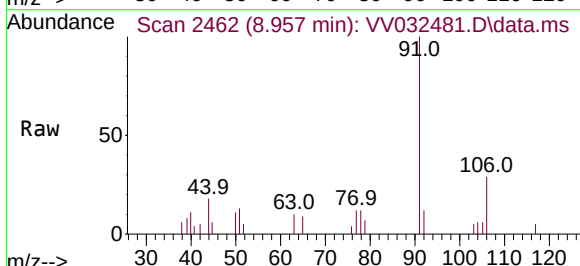
Acq: 18 Oct 2023 19:10

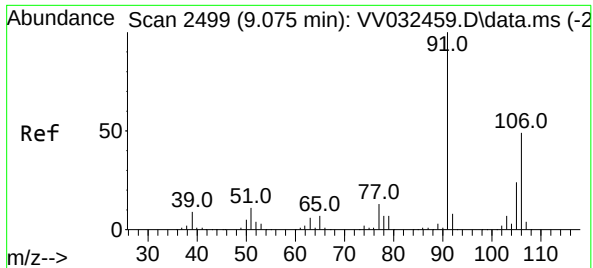
Tgt Ion: 91 Resp: 4657

Ion Ratio Lower Upper

91 100

106 29.1 21.3 39.5

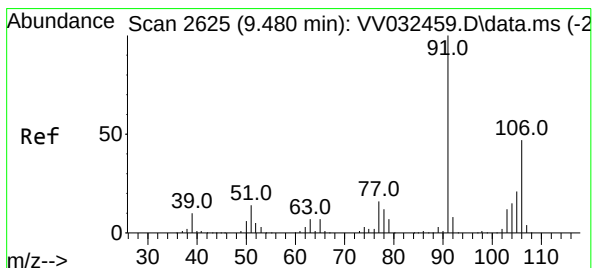
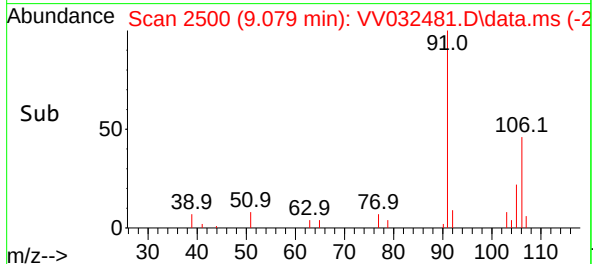
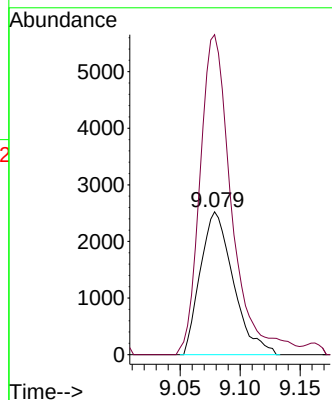
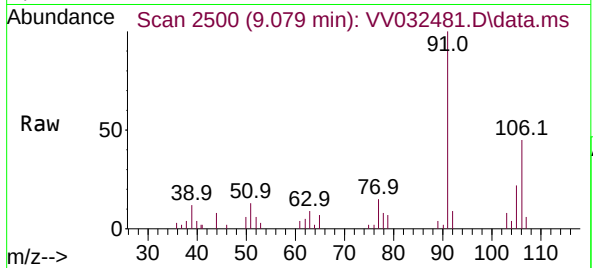




#53  
m,p-Xylene  
Concen: 0.306 ug/L  
RT: 9.079 min Scan# 2499  
Delta R.T. 0.003 min  
Lab File: VV032481.D  
Acq: 18 Oct 2023 19:10

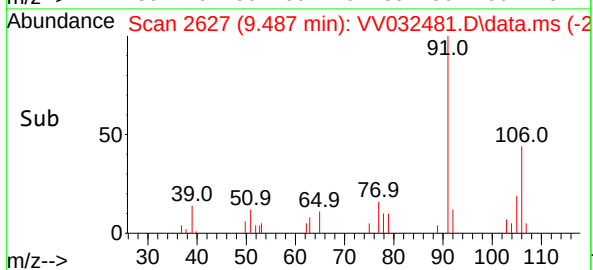
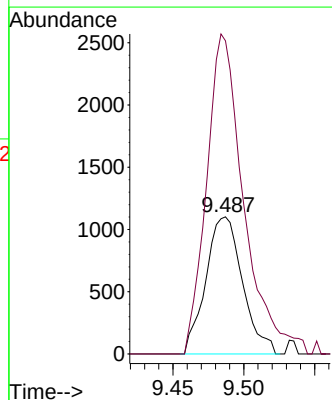
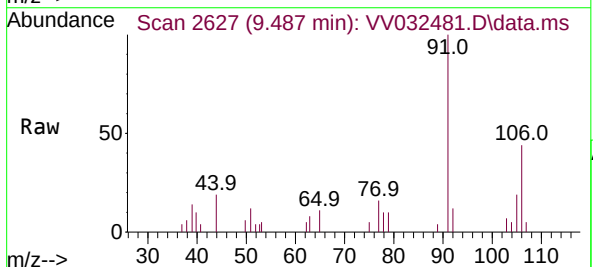
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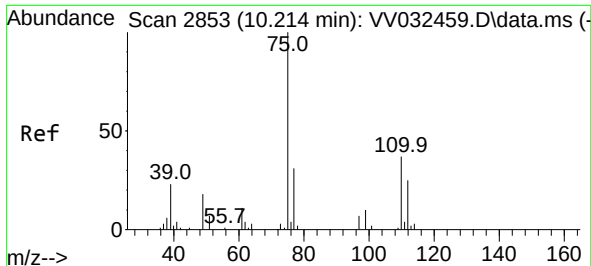
Tgt Ion:106 Resp: 4826  
Ion Ratio Lower Upper  
106 100  
91 224.1 144.5 268.3



#54  
o-Xylene  
Concen: 0.130 ug/L  
RT: 9.487 min Scan# 2627  
Delta R.T. 0.007 min  
Lab File: VV032481.D  
Acq: 18 Oct 2023 19:10

Tgt Ion:106 Resp: 1984  
Ion Ratio Lower Upper  
106 100  
91 228.3 154.8 287.4

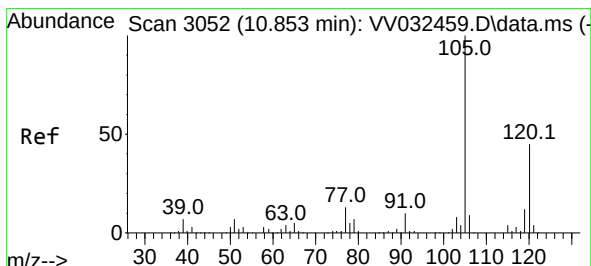
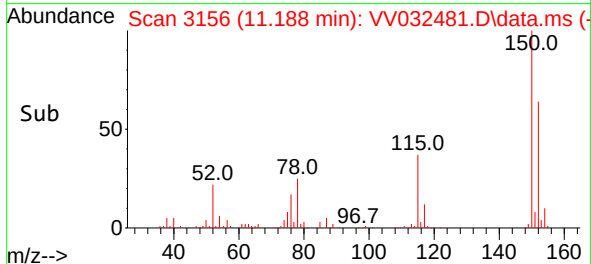
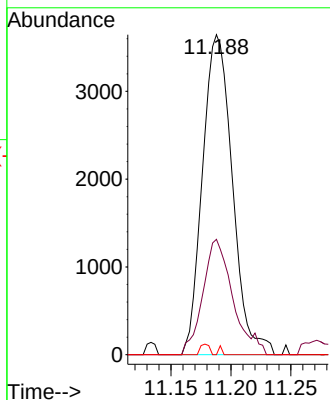
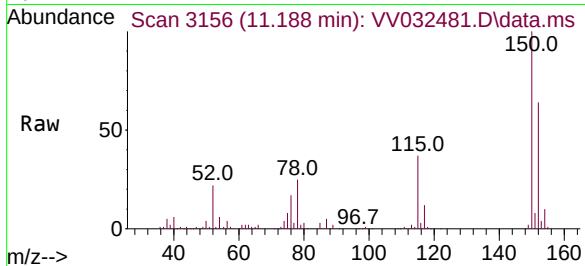




#61  
 1,2,3-Trichloropropane  
 Concen: 1.245 ug/L  
 RT: 11.188 min Scan# 3156  
 Delta R.T. 0.974 min  
 Lab File: VV032481.D  
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Tgt Ion: 75 Resp: 6319  
 Ion Ratio Lower Upper  
 75 100  
 77 36.2 26.2 39.2  
 110 0.3 30.6 46.0#



#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.138 ug/L  
 RT: 10.857 min Scan# 3053  
 Delta R.T. 0.003 min  
 Lab File: VV032481.D  
 Acq: 18 Oct 2023 19:10

Tgt Ion: 105 Resp: 4161  
 Ion Ratio Lower Upper  
 105 100  
 120 43.2 36.2 54.4

