

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102423\  
 Data File : VW027417.D  
 Acq On : 24 Oct 2023 15:21  
 Operator : SY/MD  
 Sample : 05034-01  
 Misc : 5.54g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 25 01:32:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 25 01:28:28 2023  
 Response via : Initial Calibration

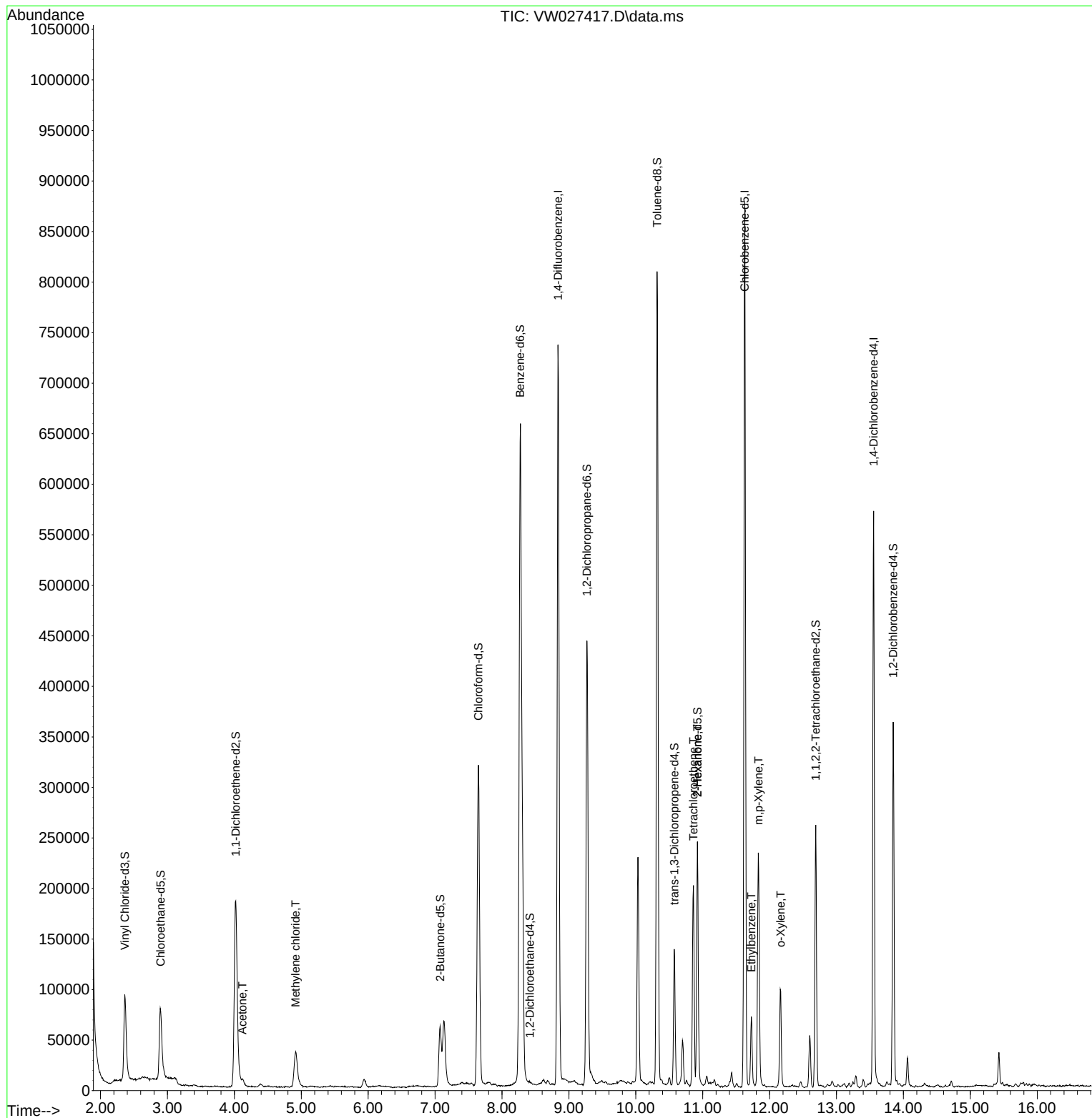
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 592471   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 459906   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 137067   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 133452   | 14.759   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.040%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 110797   | 17.066   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 68.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 70778    | 15.622   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 62.480%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 108162   | 35.990   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 71.980%  |
| 24) Chloroform-d              | 7.648  | 84    | 326334   | 18.480   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 73.920%  |
| 26) 1,2-Dichloroethane-d4     | 8.416  | 65    | 224      | 0.024    | ug/L   | 0.11     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.080%#  |
| 32) Benzene-d6                | 8.270  | 84    | 646365   | 20.773   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 83.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 211221   | 22.224   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.880%  |
| 41) Toluene-d8                | 10.319 | 98    | 514051   | 18.218   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 72.880%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 71555    | 16.513   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 66.040%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 80179    | 40.776   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 131788   | 18.586   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 74.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 86583    | 17.431   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 69.720%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.118  | 43    | 9239     | 3.559    | ug/L   | 92       |
| 16) Methylene chloride        | 4.917  | 84    | 28138    | 2.595    | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.861 | 164   | 41989    | 7.659    | ug/L   | 95       |
| 48) 2-Hexanone                | 10.922 | 43    | 11689    | 2.826    | ug/L # | 67       |
| 52) Ethylbenzene              | 11.727 | 91    | 46868    | 1.279    | ug/L   | 99       |
| 53) m,p-Xylene                | 11.837 | 106   | 68518    | 4.930    | ug/L   | 81       |
| 54) o-Xylene                  | 12.166 | 106   | 26121    | 1.963    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

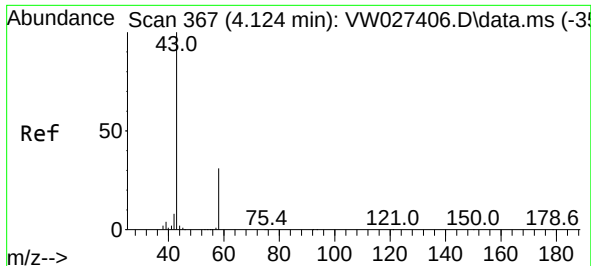
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102423\  
Data File : VW027417.D  
Acq On : 24 Oct 2023 15:21  
Operator : SY/MD  
Sample : 05034-01  
Misc : 5.54g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Oct 25 01:32:07 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101123SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Oct 25 01:28:28 2023  
Response via : Initial Calibration

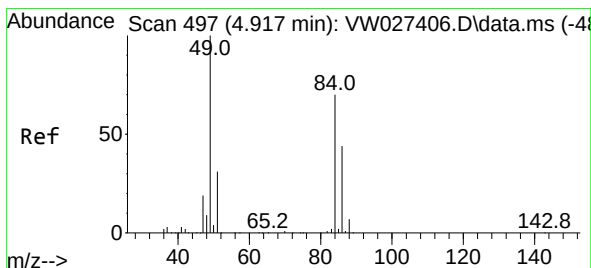
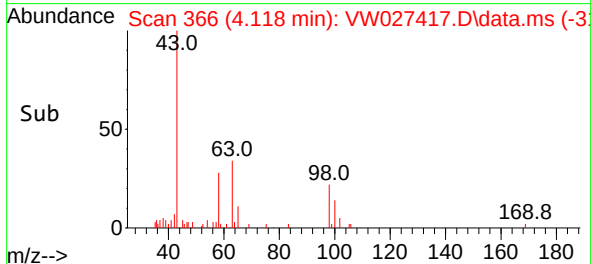
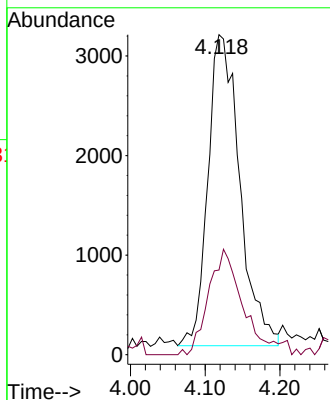
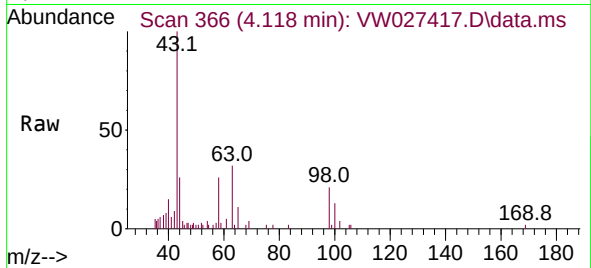




#13  
Acetone  
Concen: 3.559 ug/L  
RT: 4.118 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VW027417.D  
Acq: 24 Oct 2023 15:21

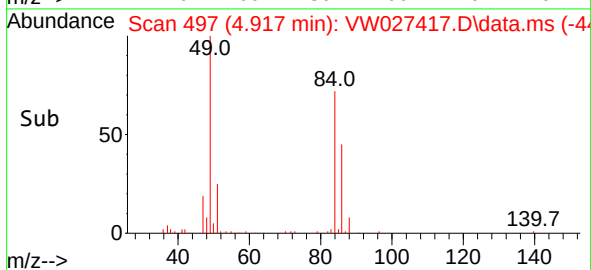
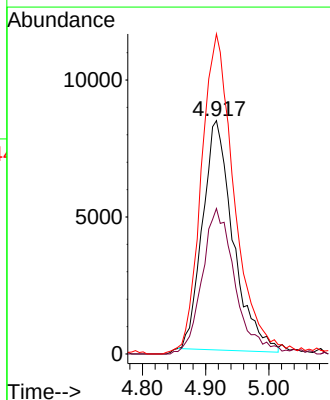
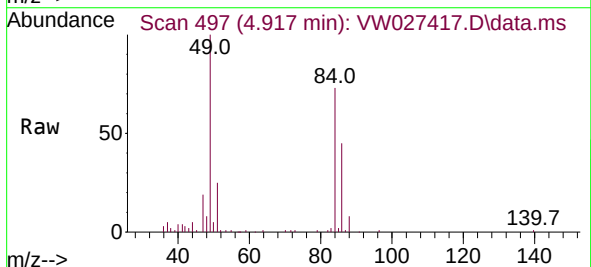
Instrument :  
MSVOA\_W  
ClientSampleId :

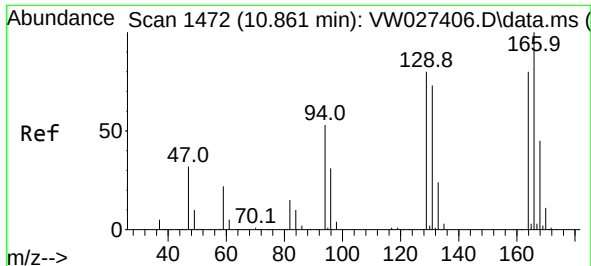
Tgt Ion: 43 Resp: 9239  
Ion Ratio Lower Upper  
43 100  
58 34.9 0.0 60.8



#16  
Methylene chloride  
Concen: 2.595 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. 0.000 min  
Lab File: VW027417.D  
Acq: 24 Oct 2023 15:21

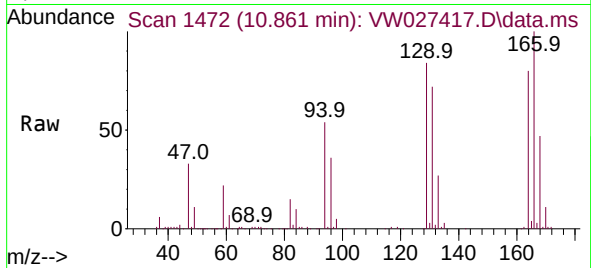
Tgt Ion: 84 Resp: 28138  
Ion Ratio Lower Upper  
84 100  
86 62.4 41.3 76.7  
49 137.2 92.8 172.4



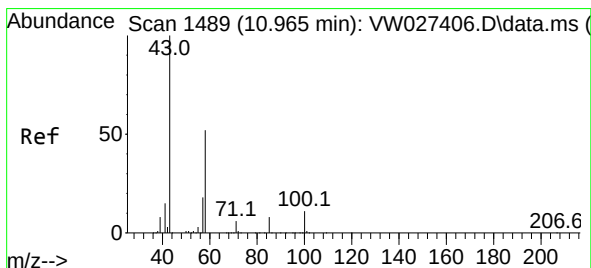
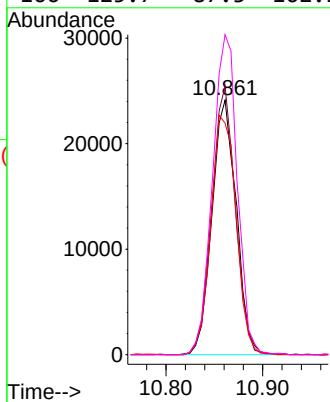
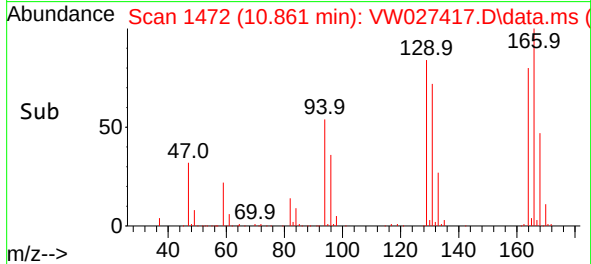


#46  
Tetrachloroethene  
Concen: 7.659 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VW027417.D  
Acq: 24 Oct 2023 15:21

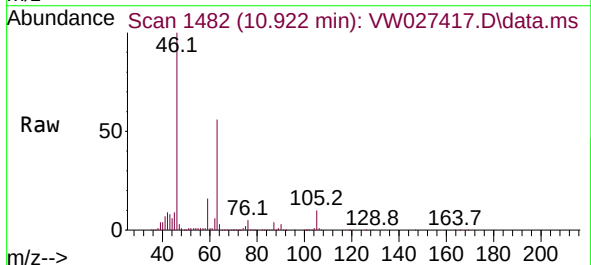
Instrument :  
MSVOA\_W  
ClientSampleId :



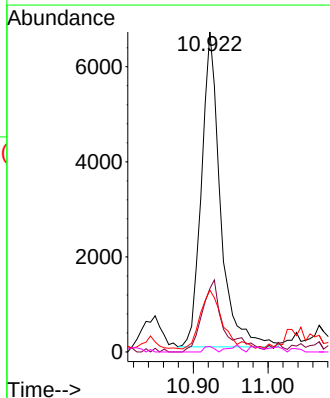
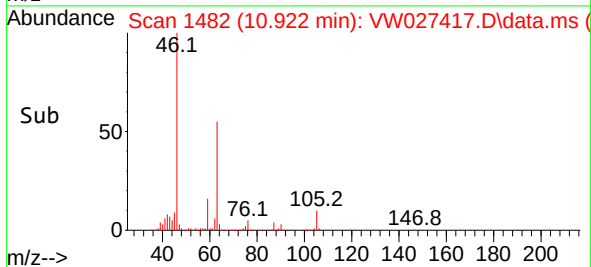
Tgt Ion:164 Resp: 41989  
Ion Ratio Lower Upper  
164 100  
129 105.5 74.7 138.7  
131 90.9 73.2 136.0  
166 125.7 87.3 162.1

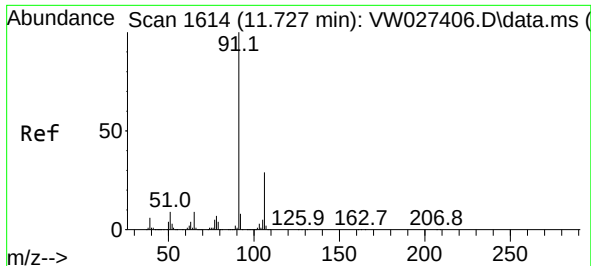


#48  
2-Hexanone  
Concen: 2.826 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW027417.D  
Acq: 24 Oct 2023 15:21



Tgt Ion: 43 Resp: 11689  
Ion Ratio Lower Upper  
43 100  
58 22.1 42.2 63.4#  
57 22.0 15.1 22.7  
100 0.9 9.0 13.4#

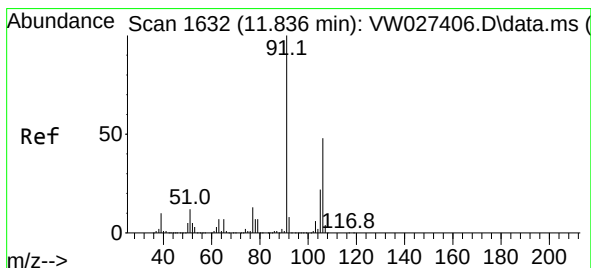
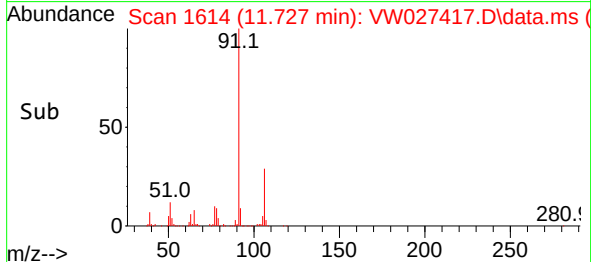
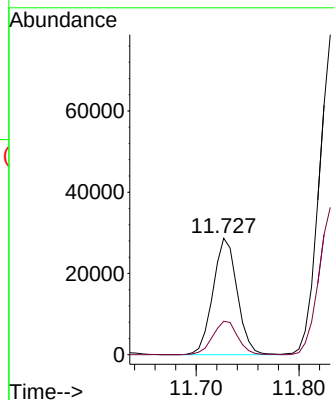
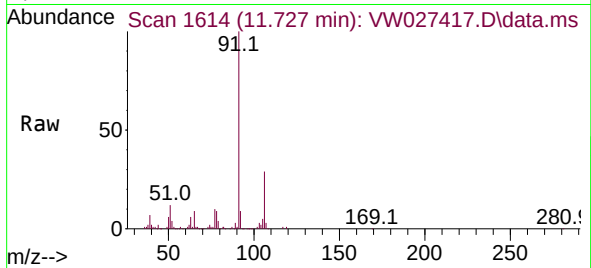




#52  
Ethylbenzene  
Concen: 1.279 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VW027417.D  
Acq: 24 Oct 2023 15:21

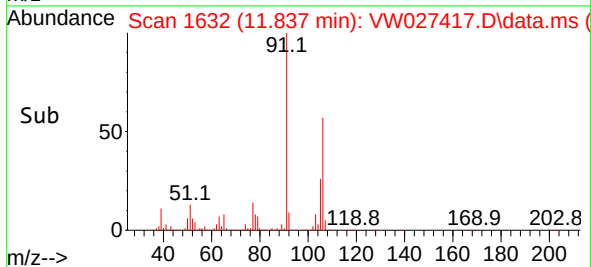
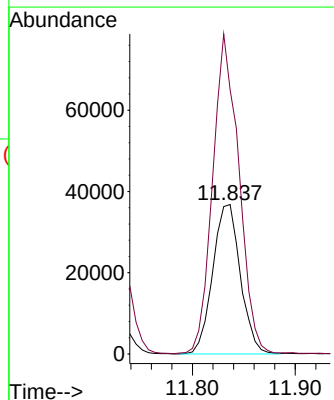
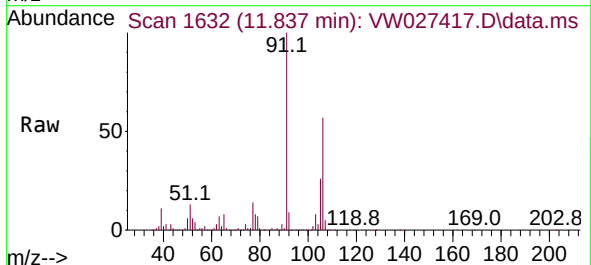
Instrument :  
MSVOA\_W  
ClientSampleId :

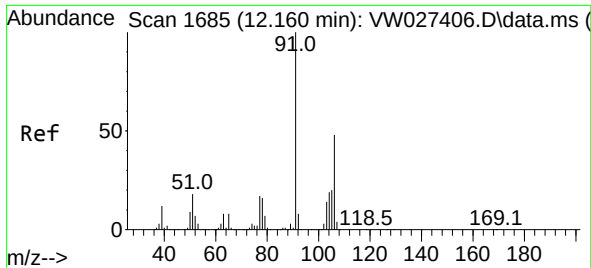
Tgt Ion: 91 Resp: 46868  
Ion Ratio Lower Upper  
91 100  
106 28.7 19.8 36.8



#53  
m,p-Xylene  
Concen: 4.930 ug/L  
RT: 11.837 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: VW027417.D  
Acq: 24 Oct 2023 15:21

Tgt Ion: 106 Resp: 68518  
Ion Ratio Lower Upper  
106 100  
91 176.7 144.5 268.4





#54  
o-Xylene  
Concen: 1.963 ug/L  
RT: 12.166 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VW027417.D  
Acq: 24 Oct 2023 15:21

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:106 Resp: 26121  
Ion Ratio Lower Upper  
106 100  
91 209.6 152.0 282.2

