

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110821\  
 Data File : VW020804.D  
 Acq On : 08 Nov 2021 12:30  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK478

Quant Time: Nov 09 07:10:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Nov 08 04:39:29 2021  
 Response via : Initial Calibration

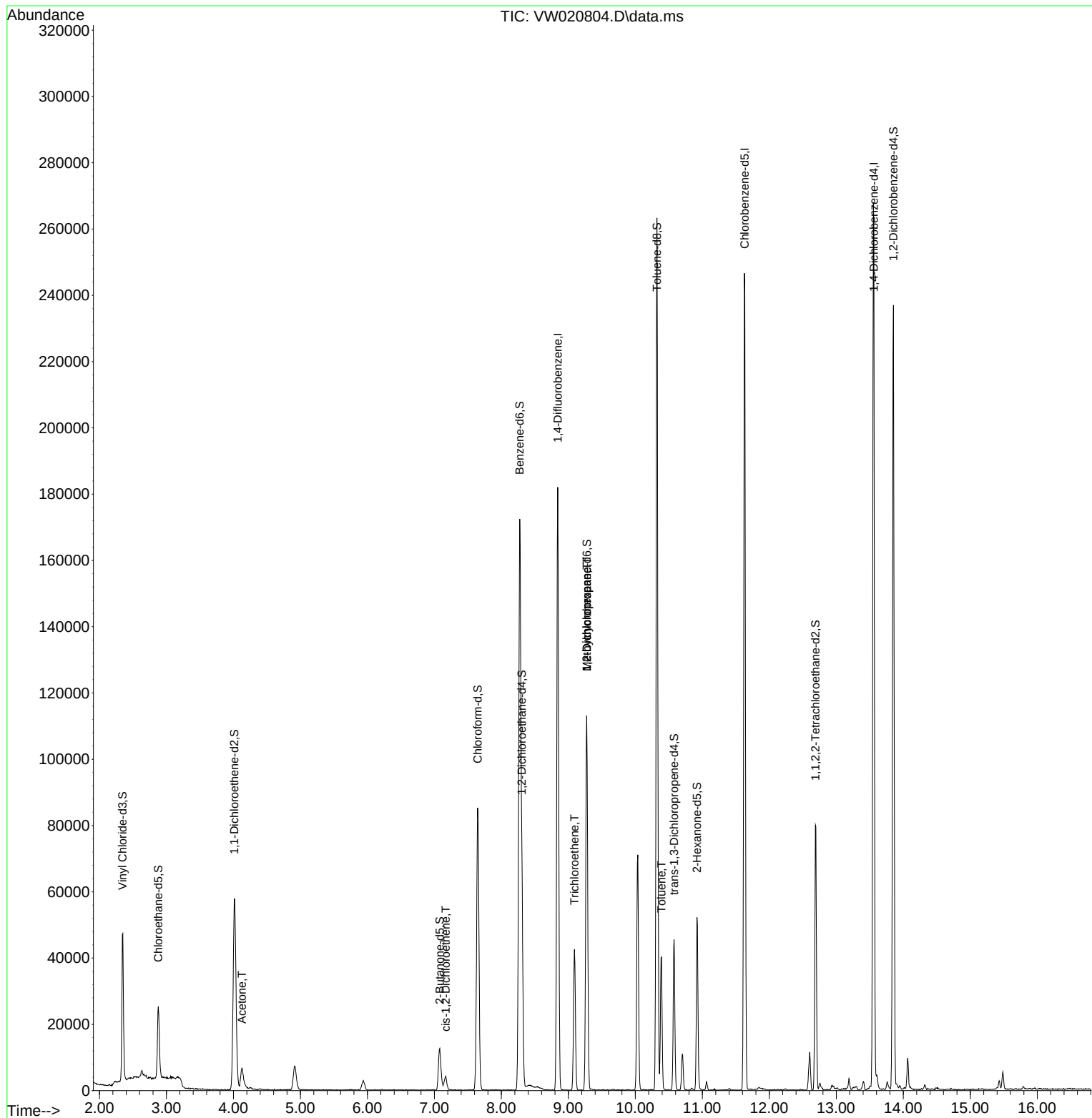
| Compound                      | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                         |        |       |          |          |             |          |
| Internal Standards            |        |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 151964   | 25.000   | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 138654   | 25.000   | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 73604    | 25.000   | ug/L        | 0.00     |
| System Monitoring Compounds   |        |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 42437    | 29.701   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | = 118.800%  |          |
| 7) Chloroethane-d5            | 2.879  | 69    | 24085    | 29.604   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | = 118.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 52862    | 17.626   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | = 70.520%   |          |
| 21) 2-Butanone-d5             | 7.080  | 46    | 21744    | 45.824   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | = 91.640%   |          |
| 24) Chloroform-d              | 7.647  | 84    | 84595    | 25.053   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | = 100.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 45940    | 25.557   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | = 102.240%  |          |
| 32) Benzene-d6                | 8.275  | 84    | 171722   | 27.412   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | = 109.640%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 50020    | 25.790   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | = 103.160%  |          |
| 41) Toluene-d8                | 10.323 | 98    | 165930   | 27.226   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | = 108.920%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 24384    | 25.347   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | = 101.400%  |          |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 17987    | 45.834   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | = 183.320%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 37251    | 23.175   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | = 92.680%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 61843    | 26.736   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | = 106.960%  |          |
| Target Compounds              |        |       |          |          |             |          |
|                               |        |       |          |          | Qvalue      |          |
| 13) Acetone                   | 4.129  | 43    | 14452    | 32.727   | ug/L        | 93       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 2150     | 0.987    | ug/L        | 81       |
| 34) Trichloroethene           | 9.091  | 95    | 13898    | 6.288    | ug/L        | 94       |
| 35) Methylcyclohexane         | 9.274  | 83    | 12443    | 3.226    | ug/L #      | 14       |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 6087     | 3.096    | ug/L #      | 88       |
| 42) Toluene                   | 10.390 | 91    | 29219    | 3.272    | ug/L        | 95       |
| -----                         |        |       |          |          |             |          |

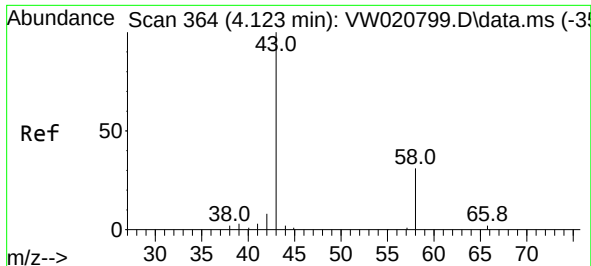
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Nov 08 04:39:29 2021  
Response via : Initial Calibration





#13

Acetone

Concen: 32.727 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW020804.D

Acq: 08 Nov 2021 12:30

Instrument :

MSVOA\_W

ClientSampleId :

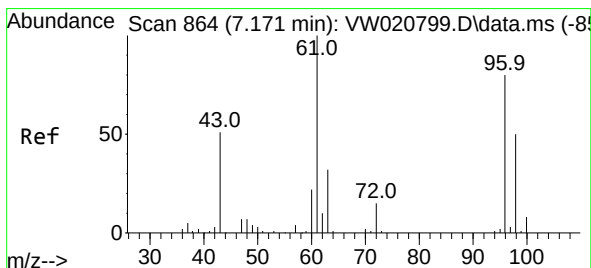
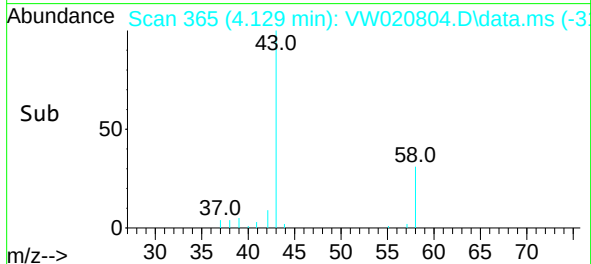
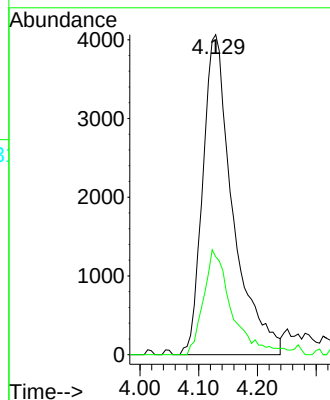
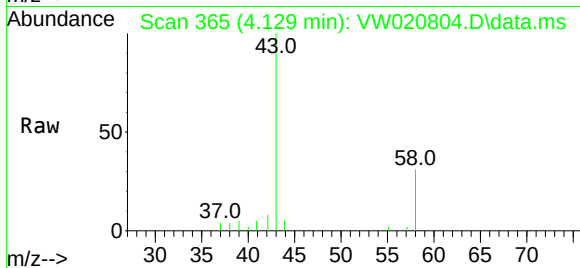
VIBLK478

Tgt Ion: 43 Resp: 14452

Ion Ratio Lower Upper

43 100

58 30.1 0.0 52.8



#20

cis-1,2-Dichloroethene

Concen: 0.987 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020804.D

Acq: 08 Nov 2021 12:30

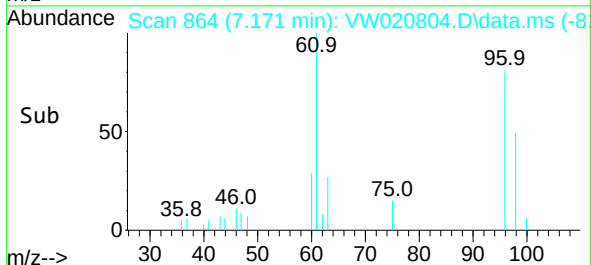
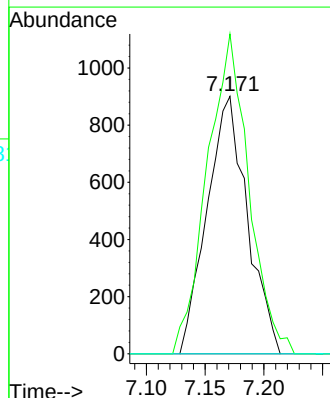
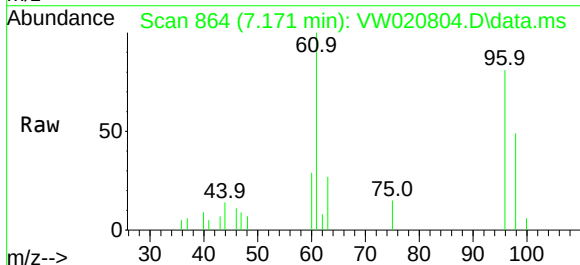
Tgt Ion: 96 Resp: 2150

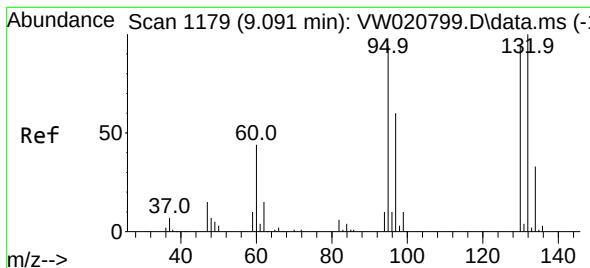
Ion Ratio Lower Upper

96 100

61 124.2 103.7 192.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 6.288 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020804.D

Acq: 08 Nov 2021 12:30

Instrument :

MSVOA\_W

ClientSampleId :

VIBLK478

Tgt Ion: 95 Resp: 13898

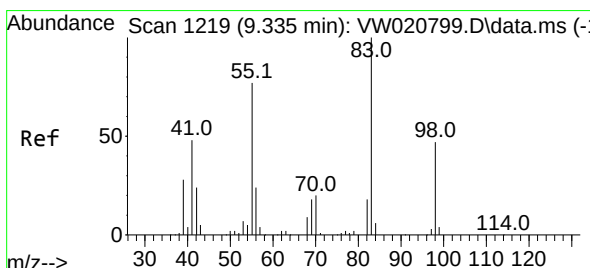
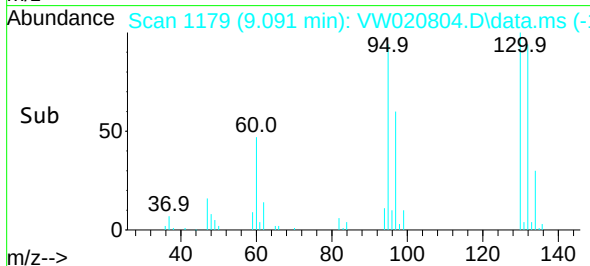
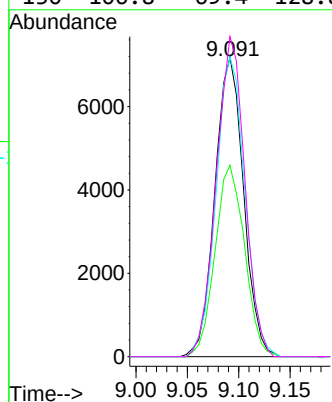
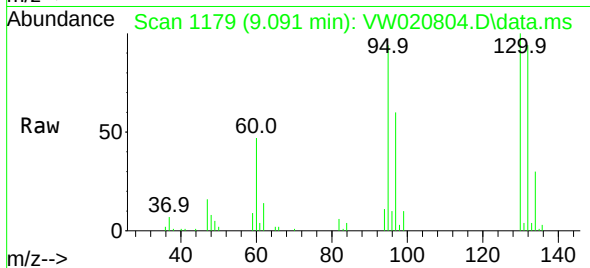
Ion Ratio Lower Upper

95 100

97 63.9 47.0 87.2

132 100.0 65.5 121.6

130 106.8 69.4 128.8



#35

Methylcyclohexane

Concen: 3.226 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW020804.D

Acq: 08 Nov 2021 12:30

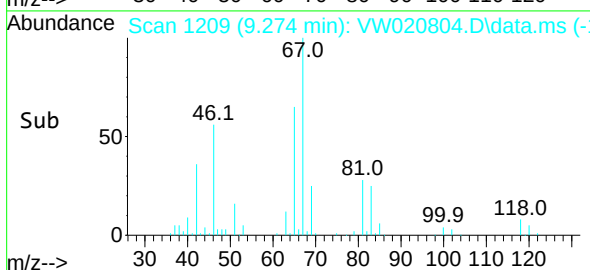
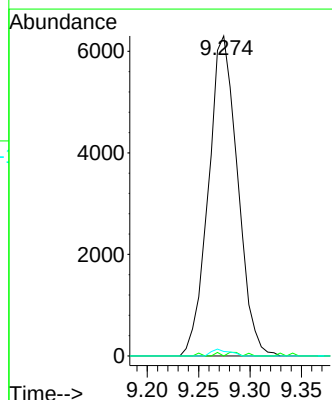
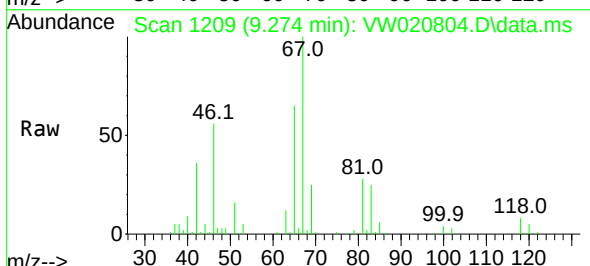
Tgt Ion: 83 Resp: 12443

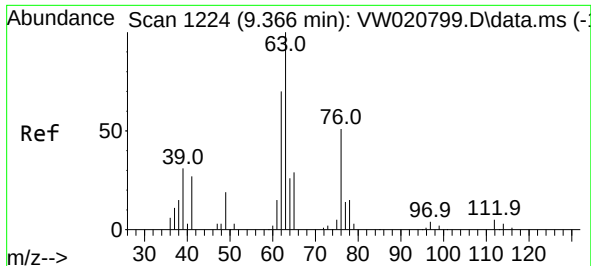
Ion Ratio Lower Upper

83 100

55 0.4 70.8 106.2#

98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.096 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW020804.D

Acq: 08 Nov 2021 12:30

Instrument :

MSVOA\_W

ClientSampleId :

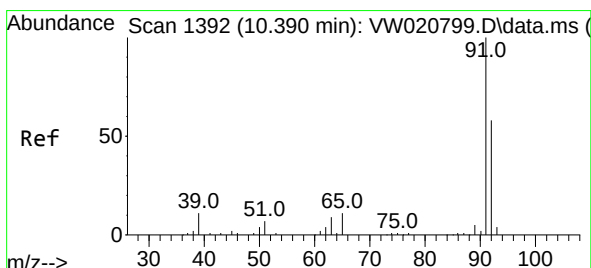
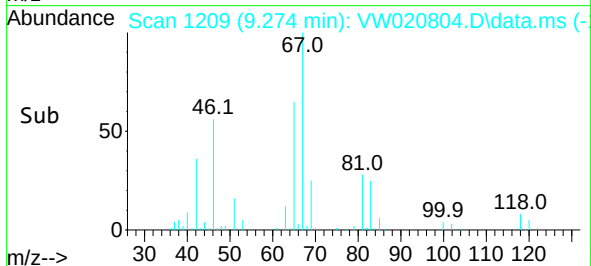
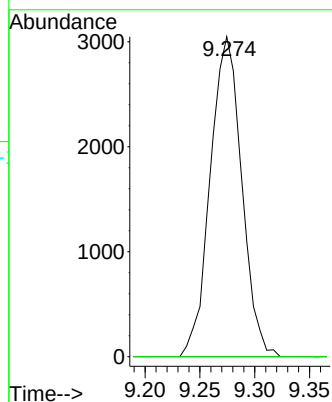
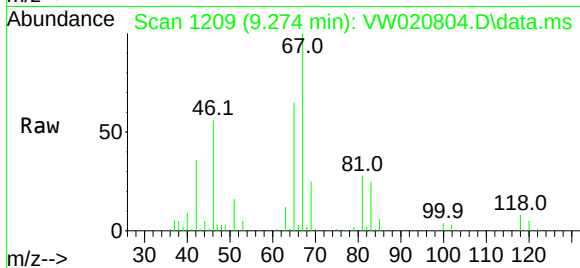
VIBLK478

Tgt Ion: 63 Resp: 6087

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#42

Toluene

Concen: 3.272 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020804.D

Acq: 08 Nov 2021 12:30

Tgt Ion: 91 Resp: 29219

Ion Ratio Lower Upper

91 100

92 56.2 41.7 77.5

