

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081924\  
 Data File : VW029947.D  
 Acq On : 19 Aug 2024 14:09  
 Operator : SY/MD  
 Sample : P3626-12  
 Misc : 5.05g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 20 02:39:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Aug 20 02:38:01 2024  
 Response via : Initial Calibration

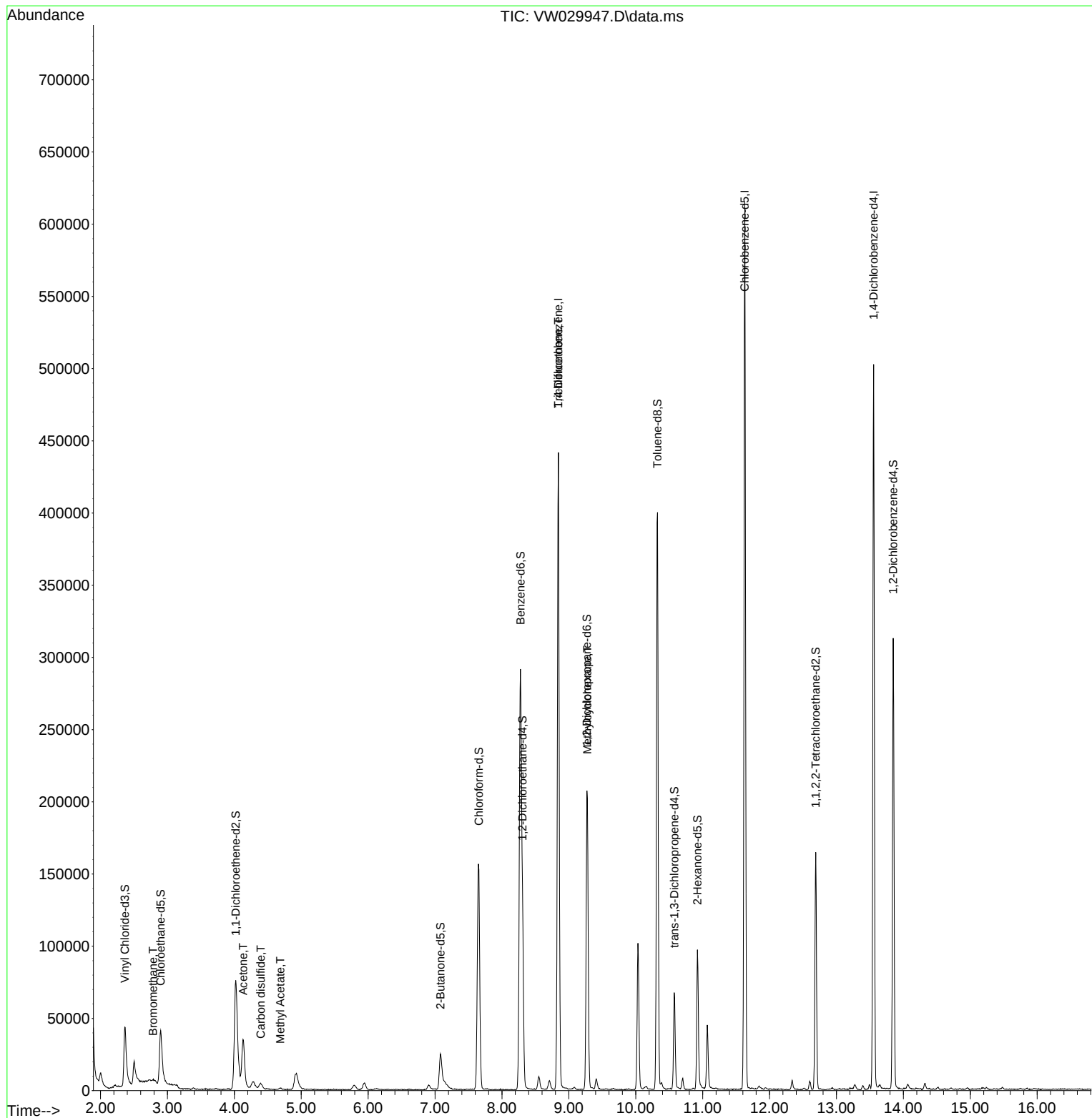
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 334847   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 309104   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 121084   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 68860    | 14.486   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.960%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 62037    | 18.279   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.120%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 30284    | 13.956   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 55.840%  |
| 21) 2-Butanone-d5             | 7.082  | 46    | 39219    | 30.101   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 60.200%  |
| 24) Chloroform-d              | 7.655  | 84    | 160970   | 18.571   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 74.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 93418    | 18.921   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 75.680%  |
| 32) Benzene-d6                | 8.276  | 84    | 287360   | 17.206   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 68.840%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 93924    | 17.612   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 70.440%  |
| 41) Toluene-d8                | 10.325 | 98    | 256427   | 17.267   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 69.080%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 36533    | 16.930   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 67.720%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 30298    | 34.455   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.920%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 79446    | 20.063   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 80.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 74968    | 19.940   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 79.760%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 6) Bromomethane               | 2.783  | 94    | 1608     | 0.468    | ug/L   | 77       |
| 13) Acetone                   | 4.131  | 43    | 59542    | 36.772   | ug/L   | 95       |
| 14) Carbon disulfide          | 4.393  | 76    | 9668     | 0.635    | ug/L # | 94       |
| 15) Methyl Acetate            | 4.686  | 43    | 886      | 0.329    | ug/L   | 97       |
| 34) Trichloroethene           | 8.843  | 95    | 10933    | 1.969    | ug/L # | 6        |
| 35) Methylcyclohexane         | 9.276  | 83    | 23587    | 2.550    | ug/L # | 17       |
| -----                         |        |       |          |          |        |          |

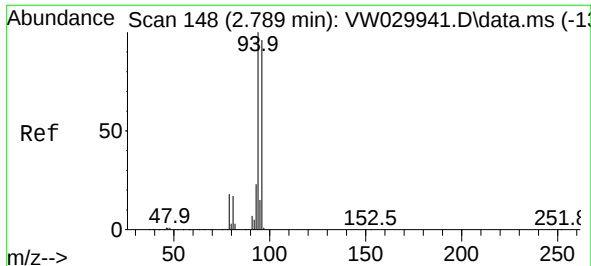
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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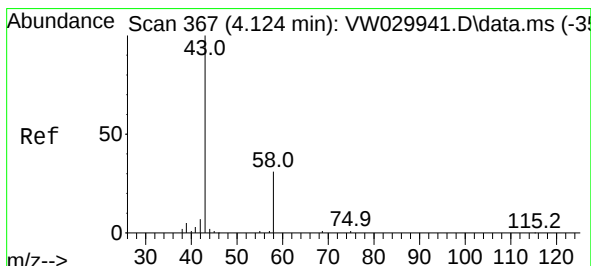
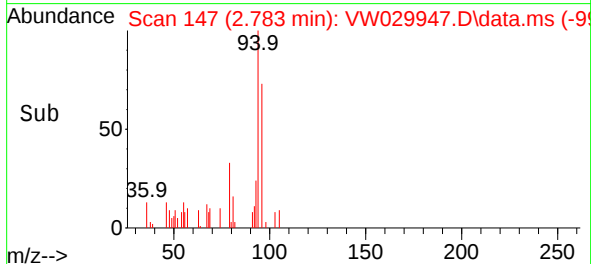
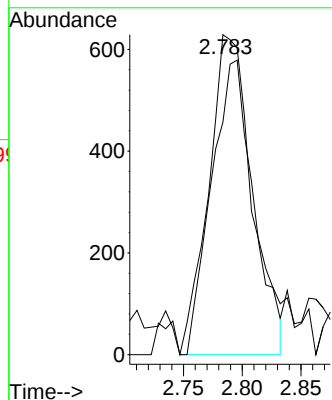
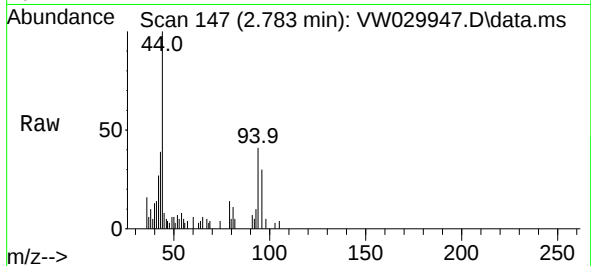




#6  
Bromomethane  
Concen: 0.468 ug/L  
RT: 2.783 min Scan# 148  
Delta R.T. -0.006 min  
Lab File: VW029947.D  
Acq: 19 Aug 2024 14:09

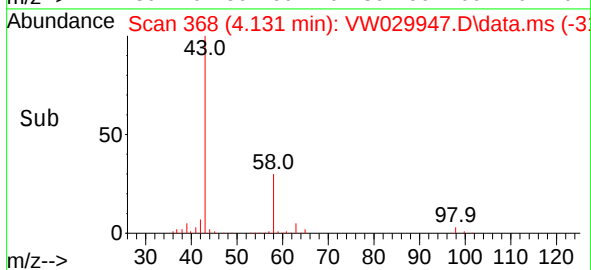
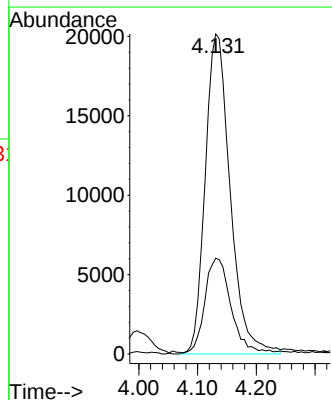
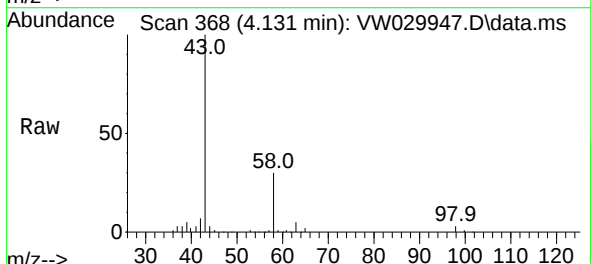
Instrument :  
MSVOA\_W  
ClientSampleId :

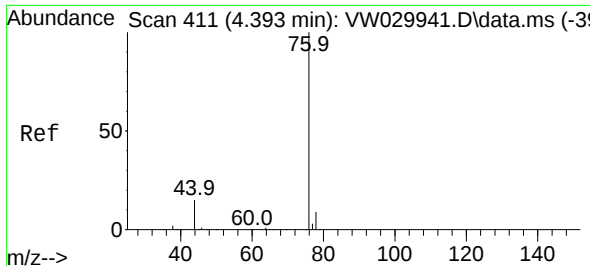
Tgt Ion: 94 Resp: 1608  
Ion Ratio Lower Upper  
94 100  
96 72.7 66.2 123.0



#13  
Acetone  
Concen: 36.772 ug/L  
RT: 4.131 min Scan# 368  
Delta R.T. 0.006 min  
Lab File: VW029947.D  
Acq: 19 Aug 2024 14:09

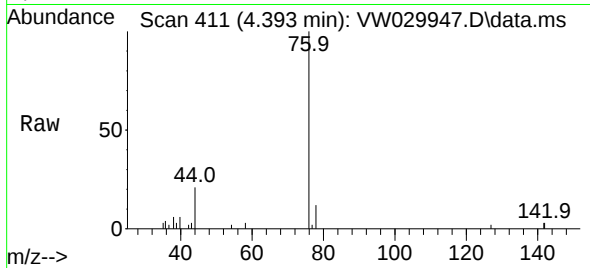
Tgt Ion: 43 Resp: 59542  
Ion Ratio Lower Upper  
43 100  
58 31.4 0.0 57.6



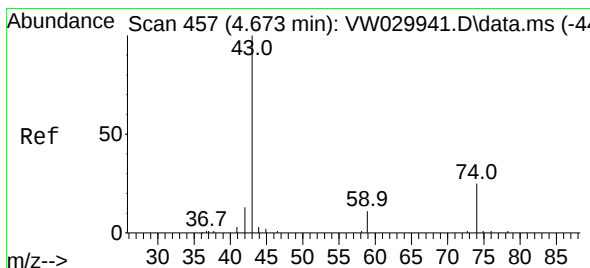
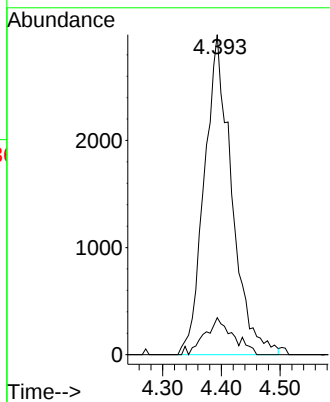
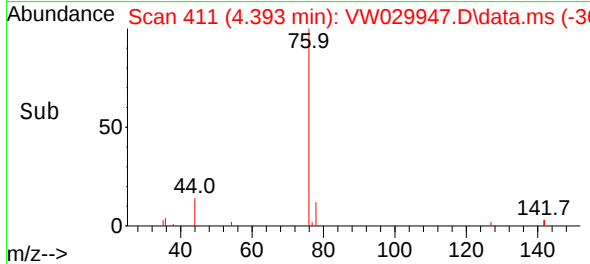


#14  
Carbon disulfide  
Concen: 0.635 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VW029947.D  
Acq: 19 Aug 2024 14:09

Instrument :  
MSVOA\_W  
ClientSampleId :

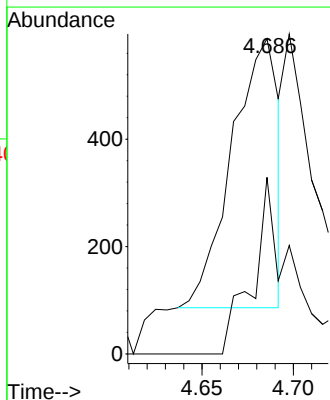
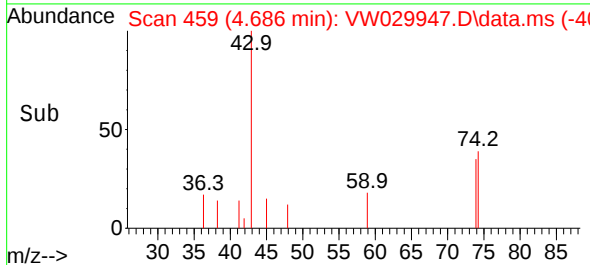
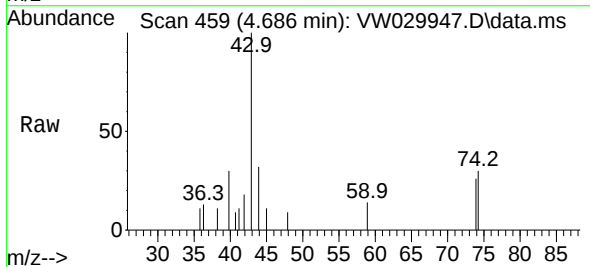


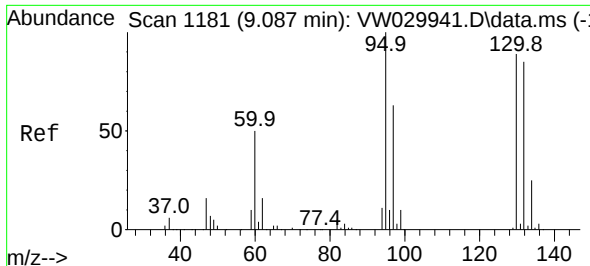
Tgt Ion: 76 Resp: 9668  
Ion Ratio Lower Upper  
76 100  
78 11.5 7.6 11.4#



#15  
Methyl Acetate  
Concen: 0.329 ug/L  
RT: 4.686 min Scan# 459  
Delta R.T. 0.012 min  
Lab File: VW029947.D  
Acq: 19 Aug 2024 14:09

Tgt Ion: 43 Resp: 886  
Ion Ratio Lower Upper  
43 100  
74 19.2 16.5 24.7





#34

Trichloroethene

Concen: 1.969 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.244 min

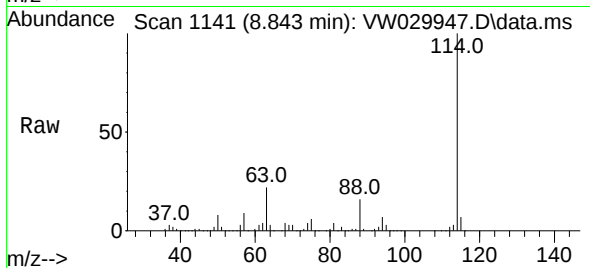
Lab File: VW029947.D

Acq: 19 Aug 2024 14:09

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 10933

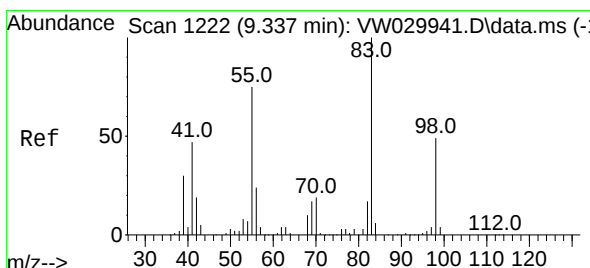
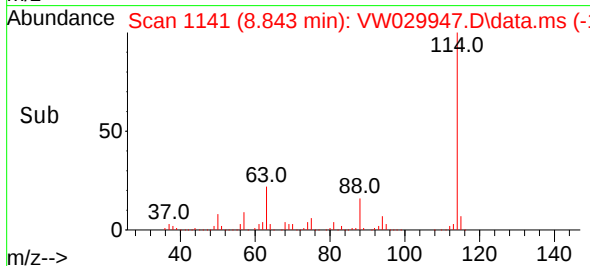
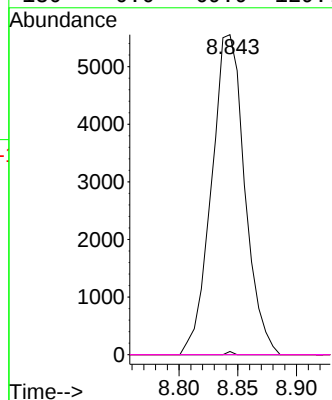
Ion Ratio Lower Upper

95 100

97 1.0 45.6 84.8#

132 0.0 65.2 121.0#

130 0.0 69.9 129.7#



#35

Methylcyclohexane

Concen: 2.550 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.061 min

Lab File: VW029947.D

Acq: 19 Aug 2024 14:09

Tgt Ion: 83 Resp: 23587

Ion Ratio Lower Upper

83 100

55 0.9 67.4 101.2#

98 2.0 36.7 55.1#

