

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092424\  
 Data File : VD079883.D  
 Acq On : 24 Sep 2024 18:06  
 Operator : RP/MD  
 Sample : P4162-07  
 Misc : 5.05G/10ml/MSVOA\_D/SOIL/A  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 25 01:25:38 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM091024SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 25 01:21:43 2024  
 Response via : Initial Calibration

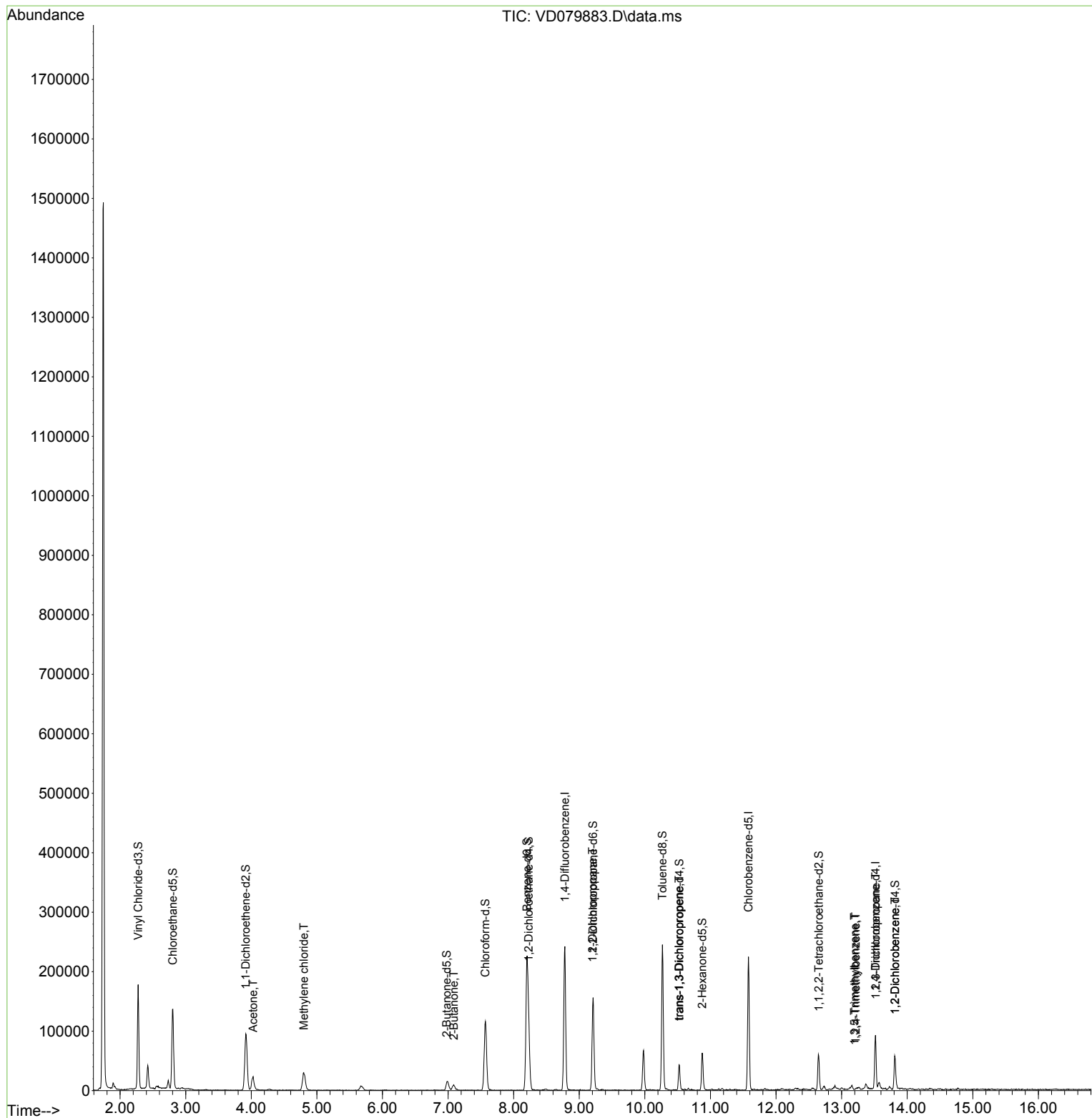
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 203572   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.580 | 117   | 124457   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 22278    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 157589   | 17.803   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.200%  |
| 7) Chloroethane-d5            | 2.804  | 69    | 143564   | 20.485   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 81.920%  |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 26634    | 16.572   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 66.280%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 27595    | 33.552   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 67.100%  |
| 24) Chloroform-d              | 7.569  | 84    | 122685   | 18.334   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 73.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 66893    | 19.117   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 76.480%  |
| 32) Benzene-d6                | 8.204  | 84    | 234741   | 26.716   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 106.880% |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 76833    | 28.551   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 114.200% |
| 41) Toluene-d8                | 10.269 | 98    | 164236   | 21.241   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 84.960%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 24176    | 20.896   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.600%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 20720    | 47.233   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 94.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 31102    | 15.728   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 62.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 14245    | 16.955   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 67.840%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.028  | 43    | 36252    | 36.154   | ug/L   | 98       |
| 16) Methylene chloride        | 4.804  | 84    | 21924    | 5.450    | ug/L   | 94       |
| 22) 2-Butanone                | 7.087  | 43    | 14414    | 12.254   | ug/L   | 91       |
| 37) 1,2-Dichloropropane       | 9.204  | 63    | 8554     | 3.385    | ug/L # | 100      |
| 44) trans-1,3-Dichloropropene | 10.522 | 75    | 1436     | 0.459    | ug/L   | 84       |
| 61) 1,2,3-Trichloropropane    | 13.521 | 75    | 3275     | 5.981    | ug/L # | 65       |
| 62) 1,3,5-Trimethylbenzene    | 13.198 | 105   | 271      | 0.096    | ug/L   | 88       |
| 63) 1,2,4-Trimethylbenzene    | 13.216 | 105   | 695      | 0.236    | ug/L # | 31       |
| 67) 1,2-Dichlorobenzene       | 13.816 | 146   | 361      | 0.251    | ug/L # | 21       |
| -----                         |        |       |          |          |        |          |

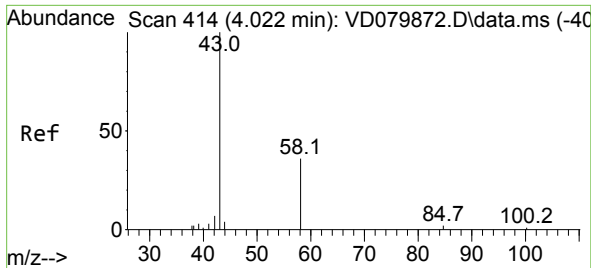
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM091024SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Sep 25 01:21:43 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 36.154 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.005 min

Lab File: VD079883.D

Acq: 24 Sep 2024 18:06

Instrument :

MSVOA\_D

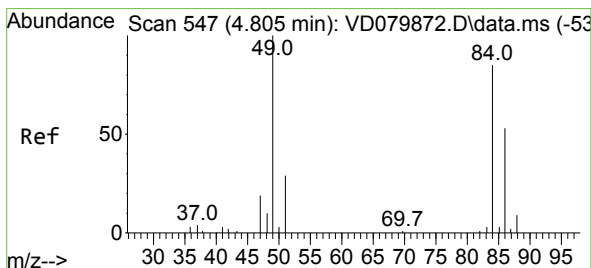
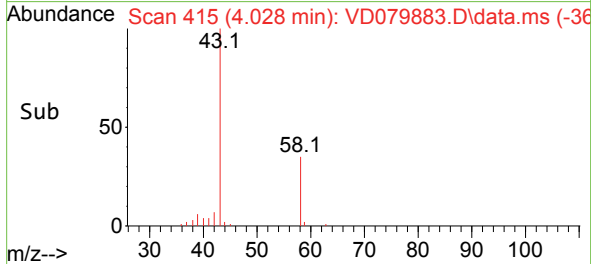
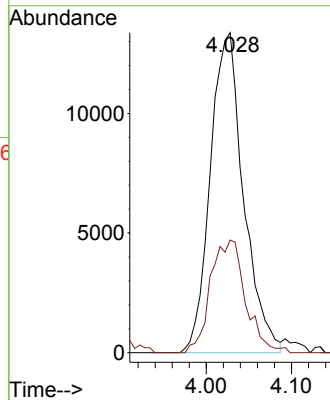
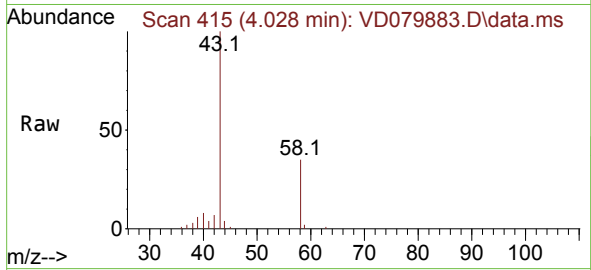
ClientSampleId :

Tgt Ion: 43 Resp: 36252

Ion Ratio Lower Upper

43 100

58 36.8 0.0 75.8



#16

Methylene chloride

Concen: 5.450 ug/L

RT: 4.804 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD079883.D

Acq: 24 Sep 2024 18:06

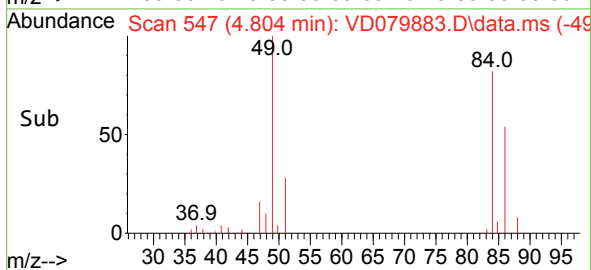
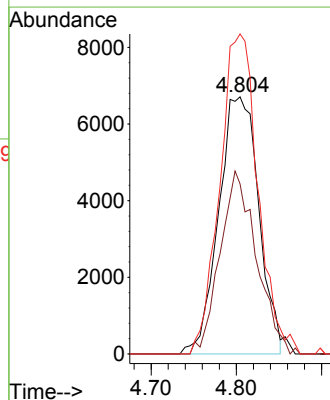
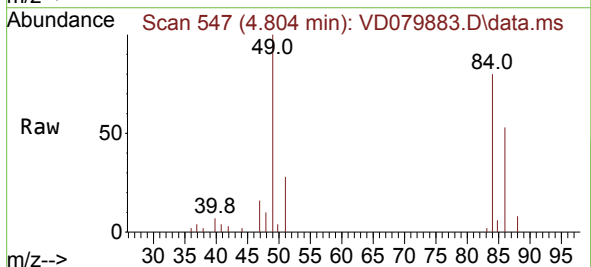
Tgt Ion: 84 Resp: 21924

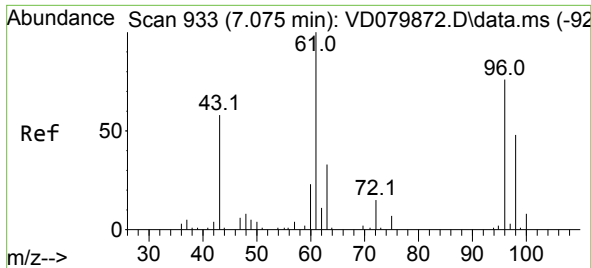
Ion Ratio Lower Upper

84 100

86 66.1 41.0 76.2

49 124.4 90.0 167.2

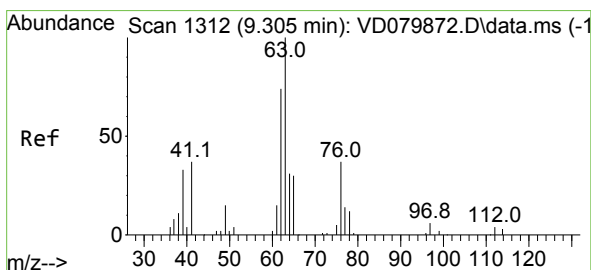
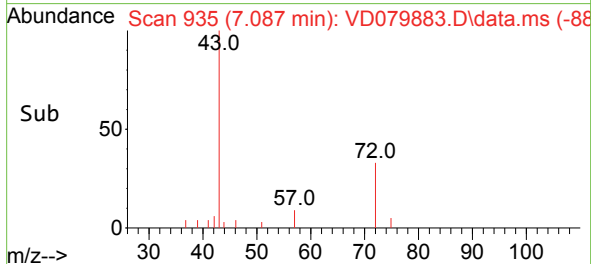
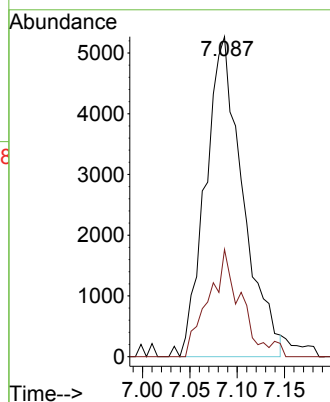
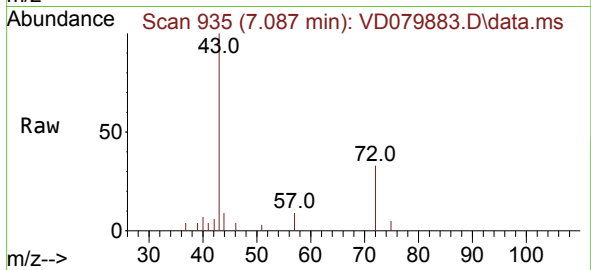




#22  
2-Butanone  
Concen: 12.254 ug/L  
RT: 7.087 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: VD079883.D  
Acq: 24 Sep 2024 18:06

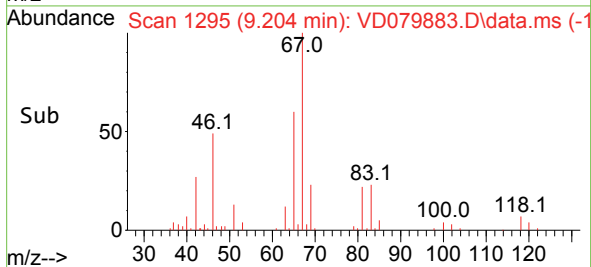
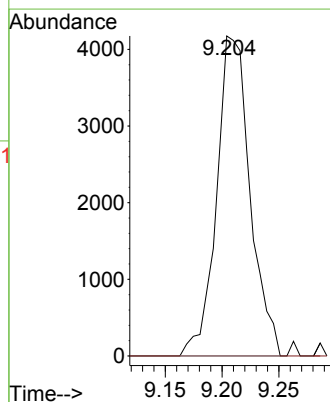
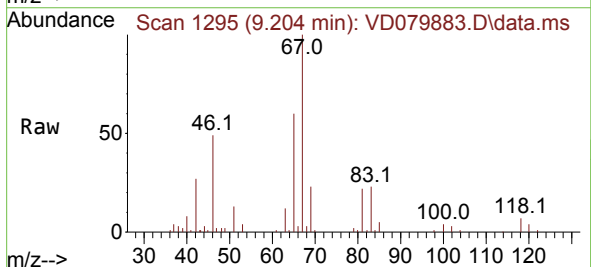
Instrument :  
MSVOA\_D  
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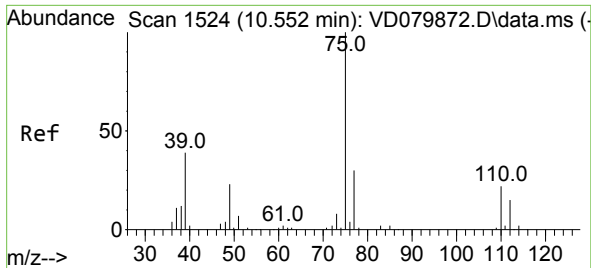
Tgt Ion: 43 Resp: 14414  
Ion Ratio Lower Upper  
43 100  
72 21.6 13.1 39.3



#37  
1,2-Dichloropropane  
Concen: 3.385 ug/L  
RT: 9.204 min Scan# 1295  
Delta R.T. -0.100 min  
Lab File: VD079883.D  
Acq: 24 Sep 2024 18:06

Tgt Ion: 63 Resp: 8554  
Ion Ratio Lower Upper  
63 100  
112 0.0 0.0 0.0

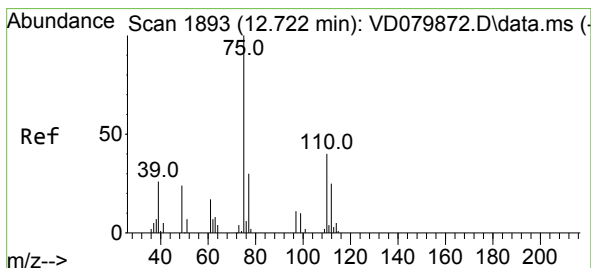
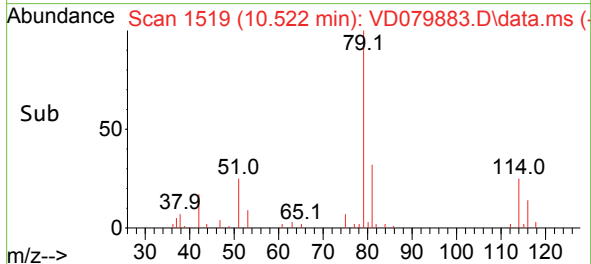
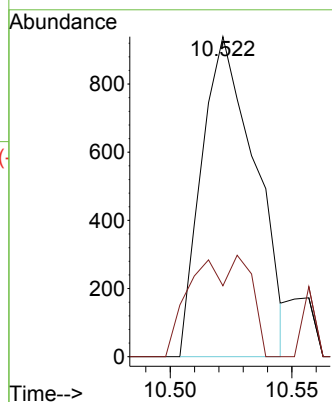
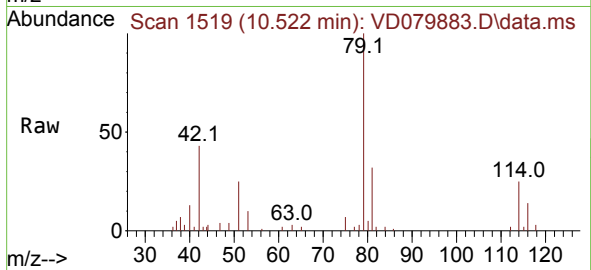




#44  
trans-1,3-Dichloropropene  
Concen: 0.459 ug/L  
RT: 10.522 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VD079883.D  
Acq: 24 Sep 2024 18:06

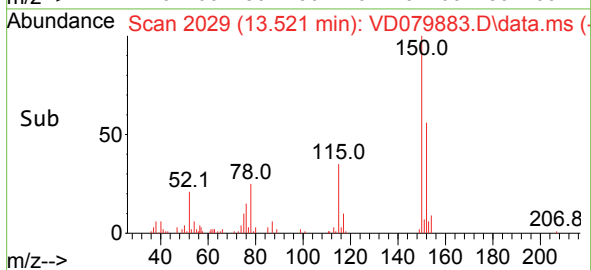
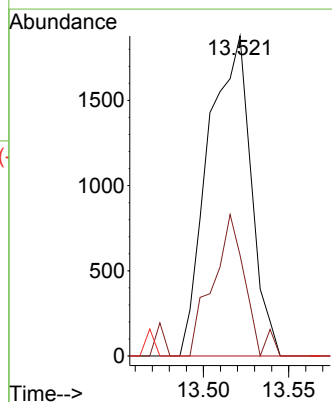
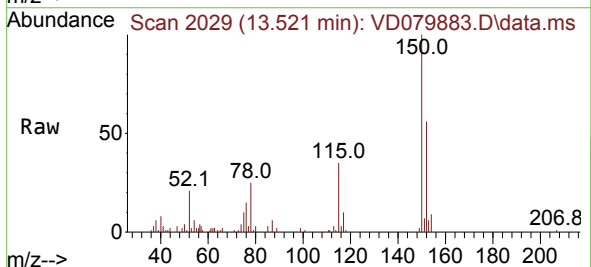
Instrument :  
MSVOA\_D  
ClientSampleId :

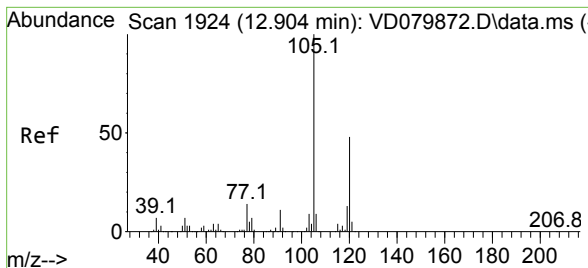
Tgt Ion: 75 Resp: 1436  
Ion Ratio Lower Upper  
75 100  
77 22.2 21.8 40.4



#61  
1,2,3-Trichloropropane  
Concen: 5.981 ug/L  
RT: 13.521 min Scan# 2029  
Delta R.T. 0.800 min  
Lab File: VD079883.D  
Acq: 24 Sep 2024 18:06

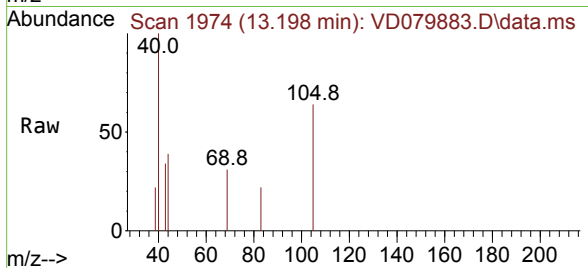
Tgt Ion: 75 Resp: 3275  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.1 37.7  
110 0.0 30.1 45.1#



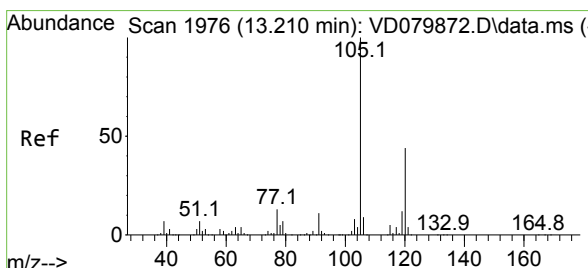
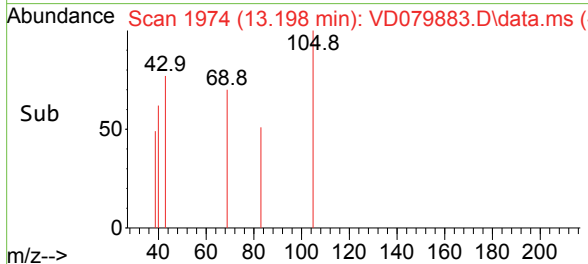
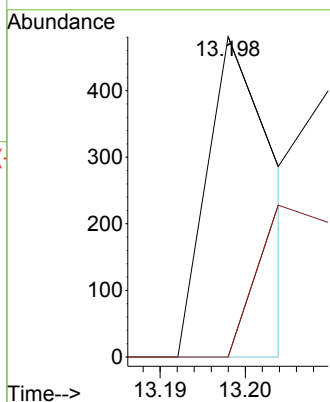


#62  
1,3,5-Trimethylbenzene  
Concen: 0.096 ug/L  
RT: 13.198 min Scan# 1924  
Delta R.T. 0.294 min  
Lab File: VD079883.D  
Acq: 24 Sep 2024 18:06

Instrument :  
MSVOA\_D  
ClientSampleId :

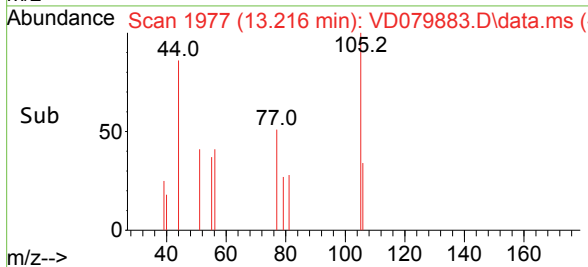
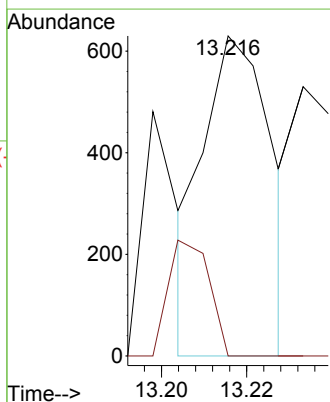
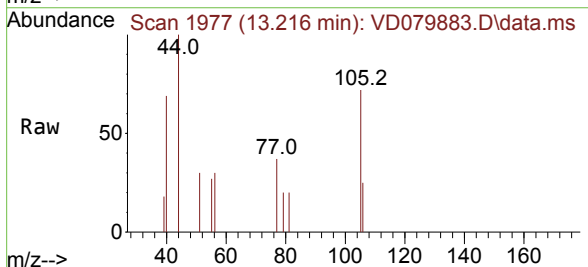


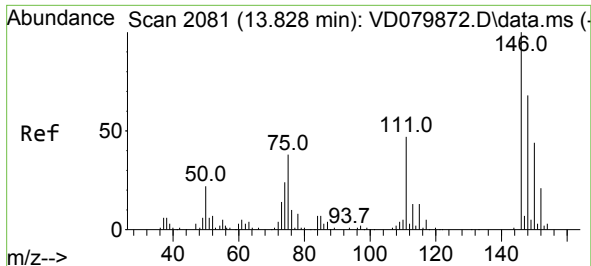
Tgt Ion:105 Resp: 271  
Ion Ratio Lower Upper  
105 100  
120 56.1 38.3 57.5



#63  
1,2,4-Trimethylbenzene  
Concen: 0.236 ug/L  
RT: 13.216 min Scan# 1977  
Delta R.T. 0.005 min  
Lab File: VD079883.D  
Acq: 24 Sep 2024 18:06

Tgt Ion:105 Resp: 695  
Ion Ratio Lower Upper  
105 100  
120 0.0 36.3 54.5#





#67

1,2-Dichlorobenzene

Concen: 0.251 ug/L

RT: 13.816 min Scan# 2081

Delta R.T. -0.012 min

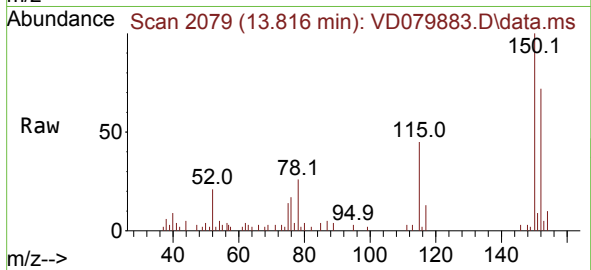
Lab File: VD079883.D

Acq: 24 Sep 2024 18:06

Instrument :

MSVOA\_D

ClientSampleId :



Tgt Ion:146 Resp: 361

Ion Ratio Lower Upper

146 100

111 109.5 36.9 55.3#

148 117.1 51.8 77.8#

