

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021623\  
 Data File : VN076718.D  
 Acq On : 16 Feb 2023 17:52  
 Operator : JC\MD  
 Sample : 01539-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TCLP-7

Quant Time: Feb 17 00:16:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021323W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 14 01:44:47 2023  
 Response via : Initial Calibration

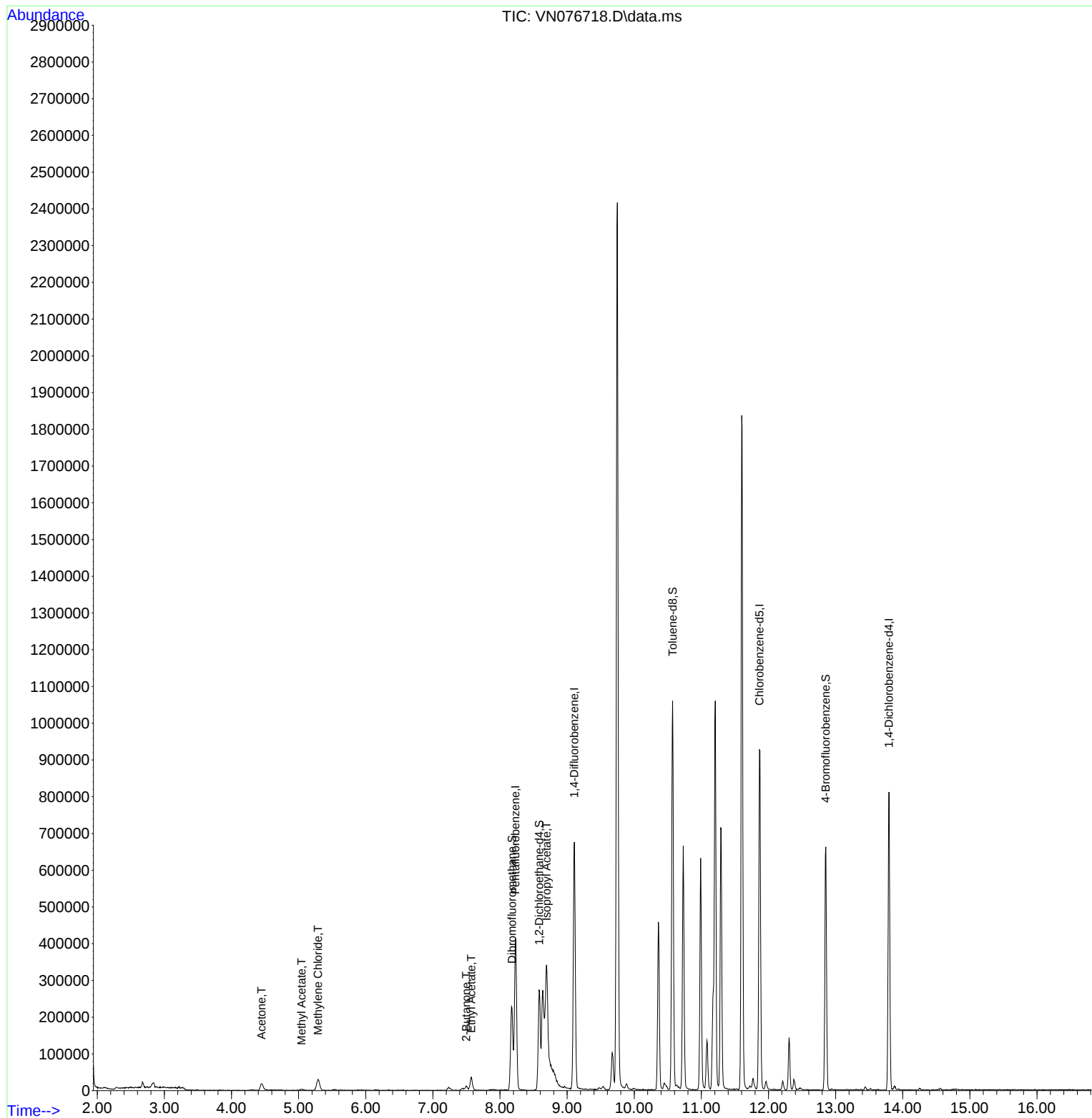
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.231  | 168   | 299448   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107  | 114   | 565252   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.866 | 117   | 537072   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795 | 152   | 200627   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.584  | 65    | 212476   | 51.386   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 102.780% |          |
| 35) Dibromofluoromethane    | 8.178  | 113   | 160996   | 43.492   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 86.980%  |          |
| 50) Toluene-d8              | 10.572 | 98    | 704796   | 50.982   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.960% |          |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 219561   | 47.953   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 95.900%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.449  | 43    | 36637    | 19.836   | ug/l       | 91       |
| 18) Methyl Acetate          | 5.043  | 43    | 6080     | 1.008    | ug/l #     | 88       |
| 20) Methylene Chloride      | 5.290  | 84    | 21073    | 5.444    | ug/l       | 92       |
| 25) 2-Butanone              | 7.495  | 43    | 17671    | 6.486    | ug/l       | 91       |
| 37) Ethyl Acetate           | 7.572  | 43    | 54880    | 9.753    | ug/l       | 97       |
| 43) Isopropyl Acetate       | 8.695  | 43    | 515590   | 56.307   | ug/l #     | 76       |
| -----                       |        |       |          |          |            |          |

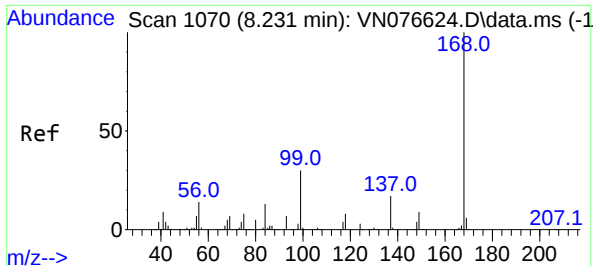
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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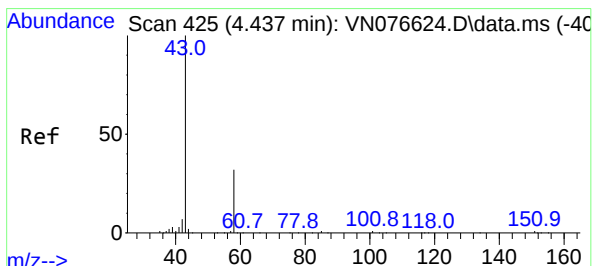
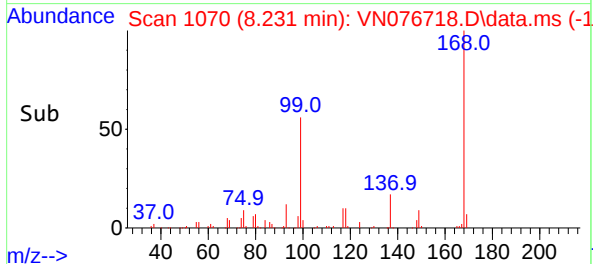
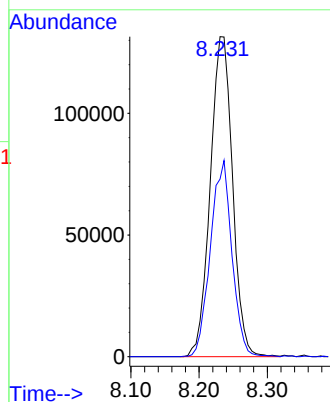
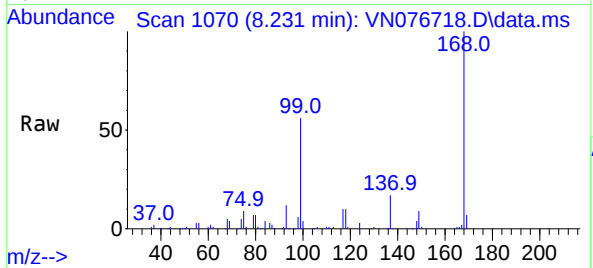




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

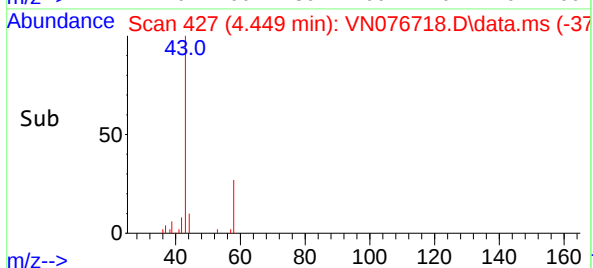
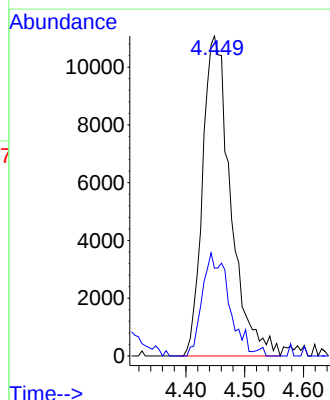
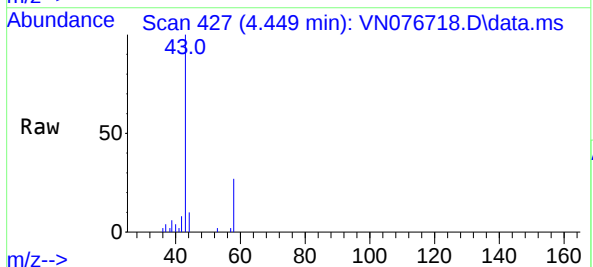
Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-7

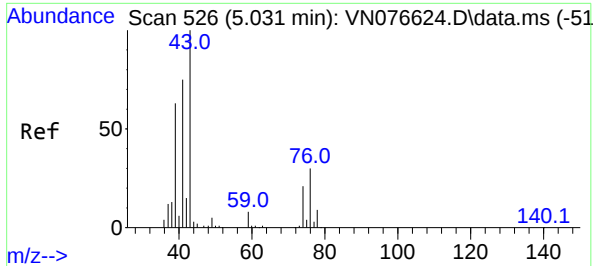
Tgt Ion:168 Resp: 299448  
Ion Ratio Lower Upper  
168 100  
99 55.5 44.8 67.2



#16  
Acetone  
Concen: 19.836 ug/l  
RT: 4.449 min Scan# 427  
Delta R.T. 0.011 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

Tgt Ion: 43 Resp: 36637  
Ion Ratio Lower Upper  
43 100  
58 27.4 25.9 38.9

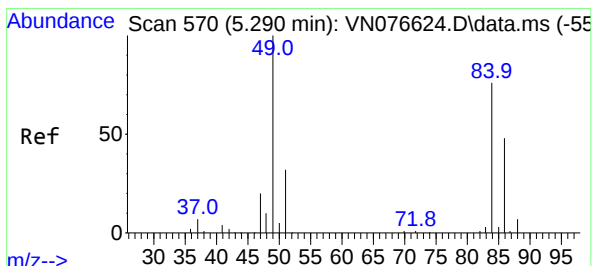
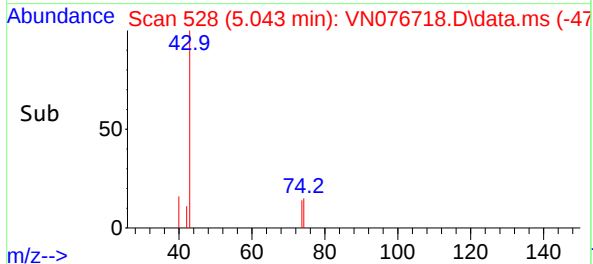
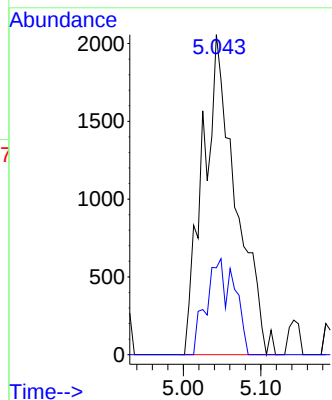
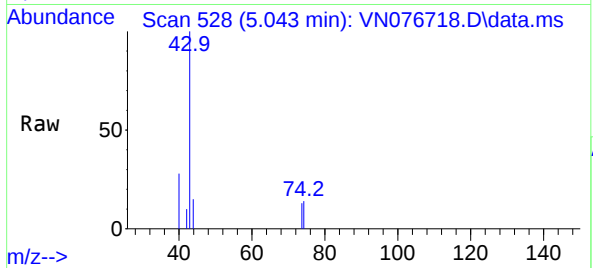




#18  
Methyl Acetate  
Concen: 1.008 ug/l  
RT: 5.043 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

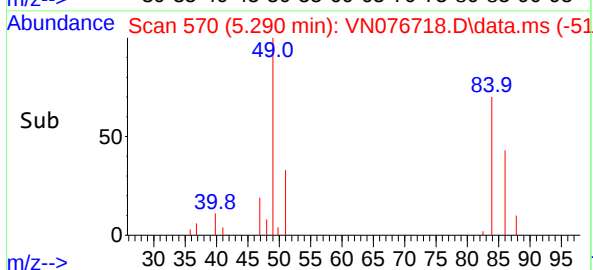
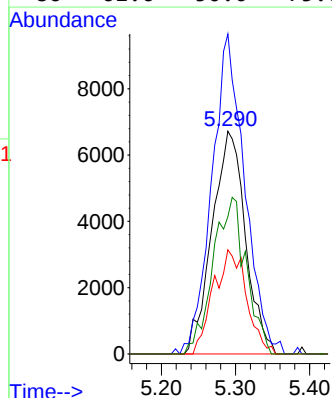
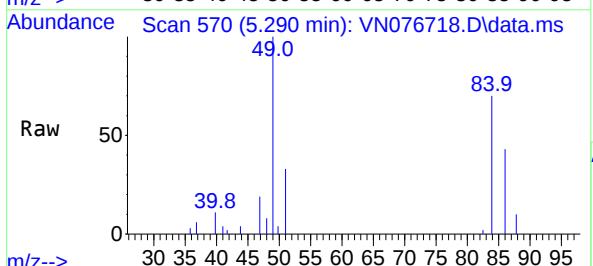
Instrument :  
MSVOA\_N  
ClientSampleId :  
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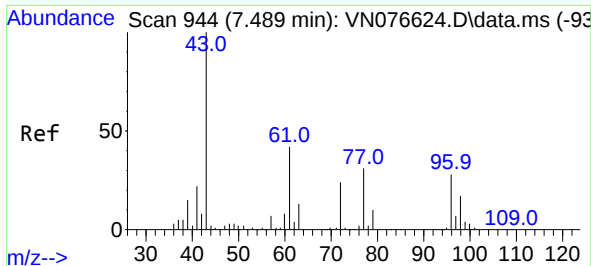
Tgt Ion: 43 Resp: 6080  
Ion Ratio Lower Upper  
43 100  
74 16.6 17.7 26.5#



#20  
Methylene Chloride  
Concen: 5.444 ug/l  
RT: 5.290 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

Tgt Ion: 84 Resp: 21073  
Ion Ratio Lower Upper  
84 100  
49 143.6 104.9 157.3  
51 46.8 33.8 50.8  
86 61.6 50.0 75.0





#25

2-Butanone

Concen: 6.486 ug/l

RT: 7.495 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN076718.D

Acq: 16 Feb 2023 17:52

Instrument :

MSVOA\_N

ClientSampleId :

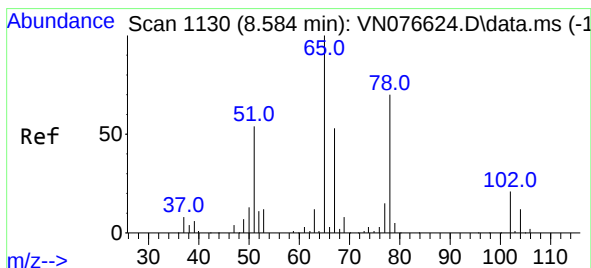
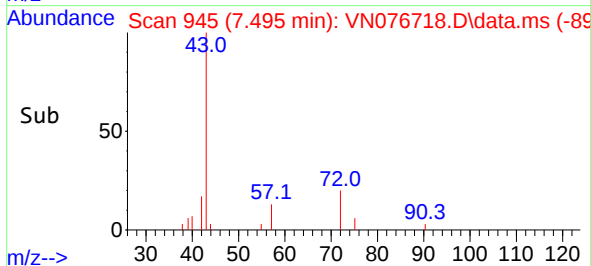
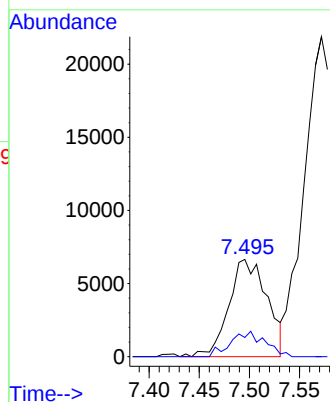
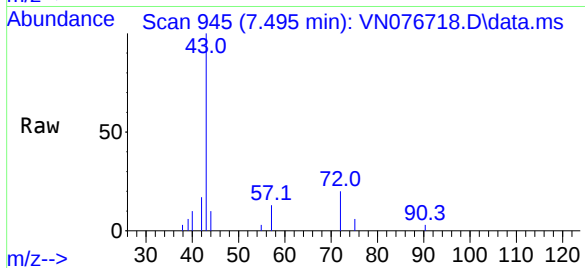
TCLP-7

Tgt Ion: 43 Resp: 17671

Ion Ratio Lower Upper

43 100

72 19.7 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 51.386 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076718.D

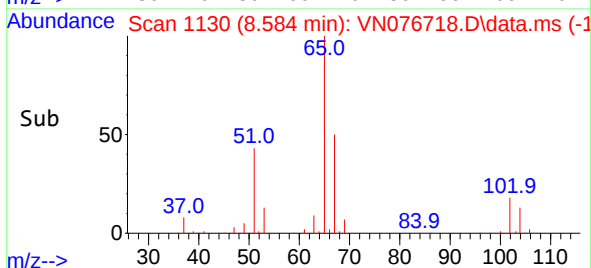
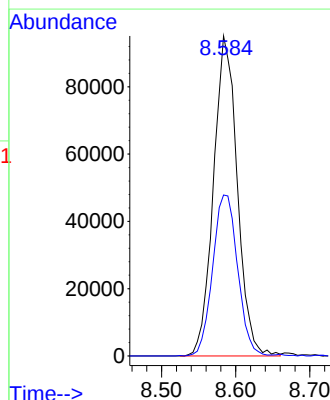
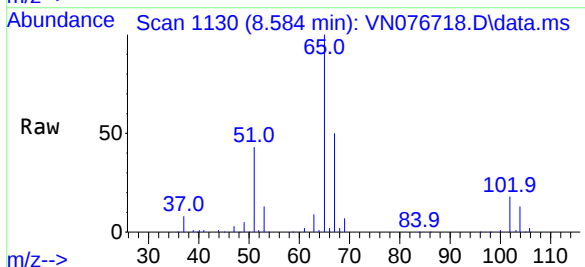
Acq: 16 Feb 2023 17:52

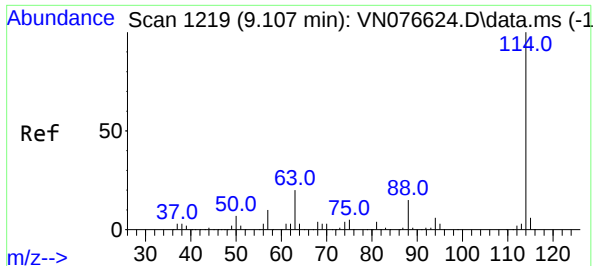
Tgt Ion: 65 Resp: 212476

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6

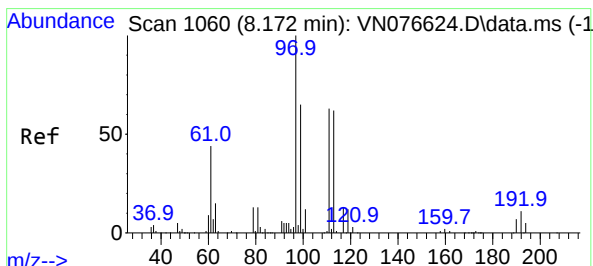
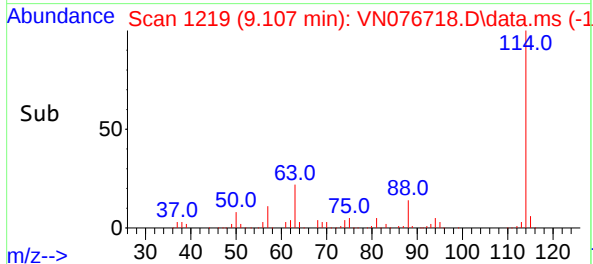
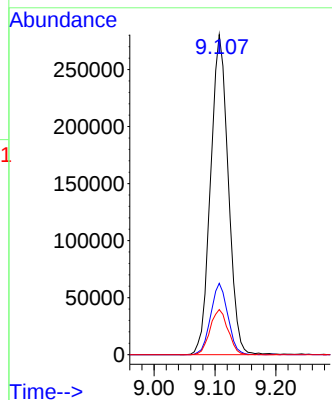
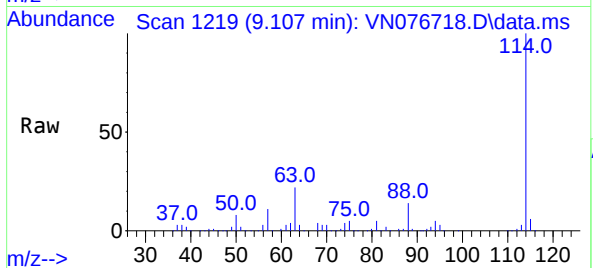




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

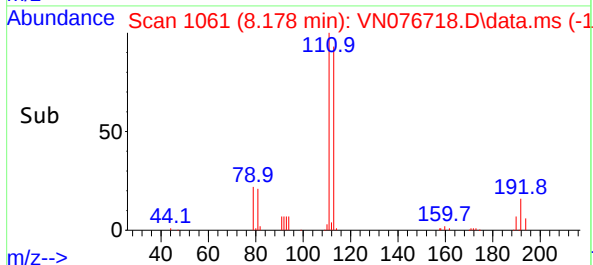
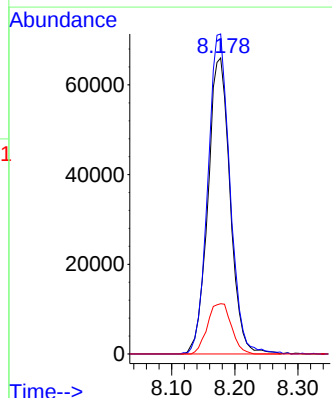
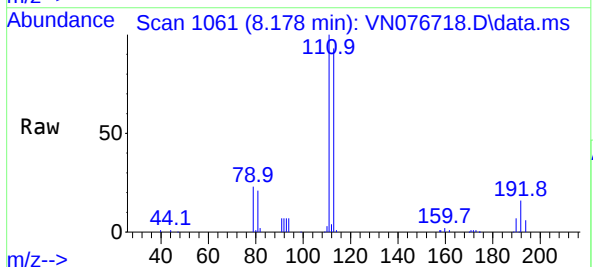
Instrument :  
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ClientSampleId :  
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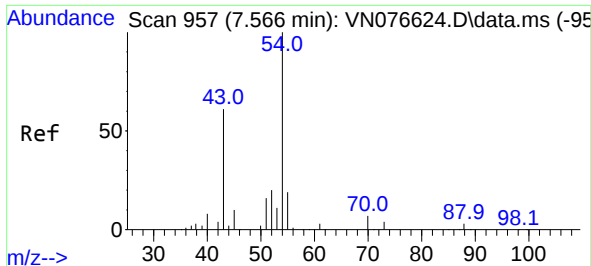
Tgt Ion:114 Resp: 565252  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 40.0  
88 14.1 0.0 29.6



#35  
Dibromofluoromethane  
Concen: 43.492 ug/l  
RT: 8.178 min Scan# 1061  
Delta R.T. 0.006 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

Tgt Ion:113 Resp: 160996  
Ion Ratio Lower Upper  
113 100  
111 107.8 83.1 124.7  
192 18.3 15.6 23.4

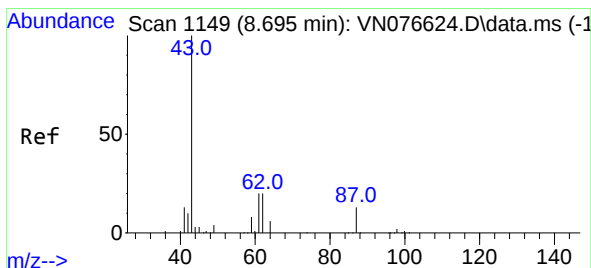
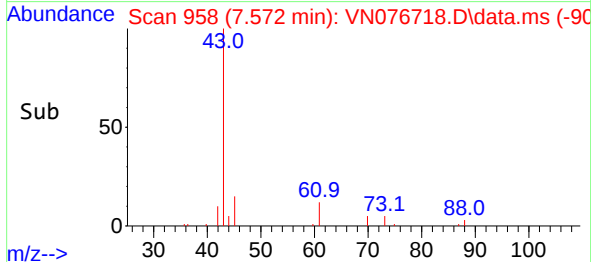
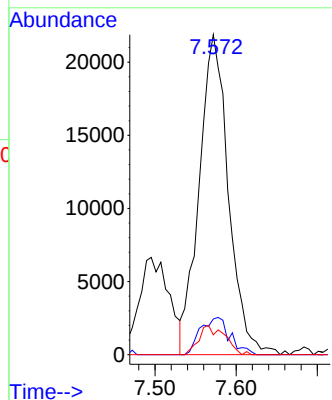
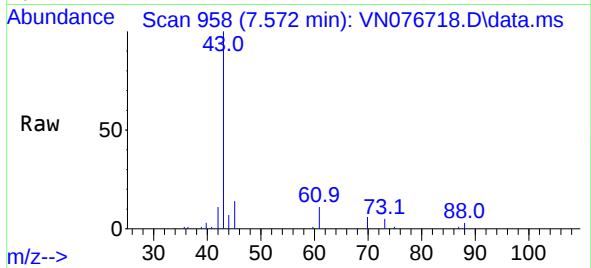




#37  
Ethyl Acetate  
Concen: 9.753 ug/l  
RT: 7.572 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

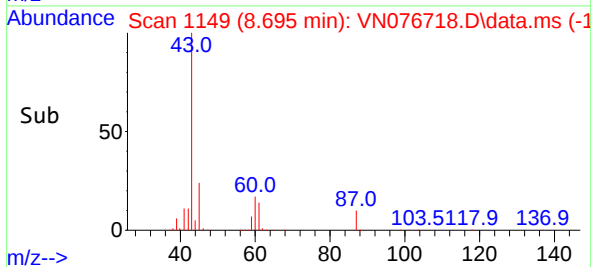
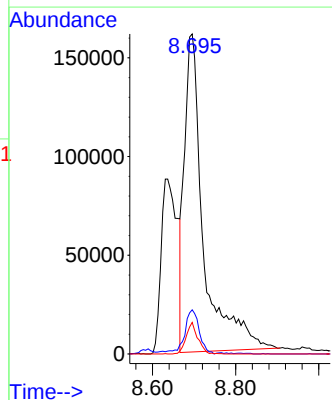
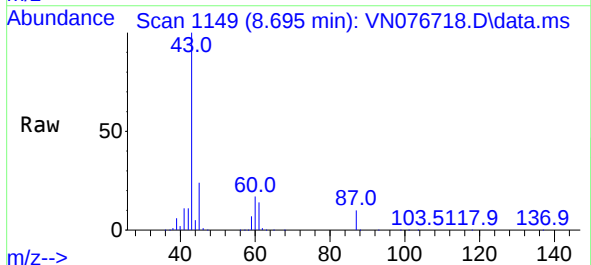
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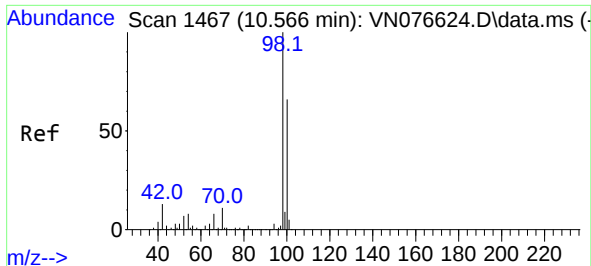
Tgt Ion: 43 Resp: 54880  
Ion Ratio Lower Upper  
43 100  
61 11.7 9.9 14.9  
70 8.2 7.8 11.6



#43  
Isopropyl Acetate  
Concen: 56.307 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

Tgt Ion: 43 Resp: 515590  
Ion Ratio Lower Upper  
43 100  
61 10.8 20.0 30.0#  
87 6.1 9.9 14.9#

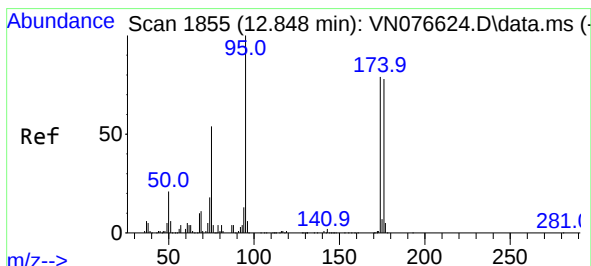
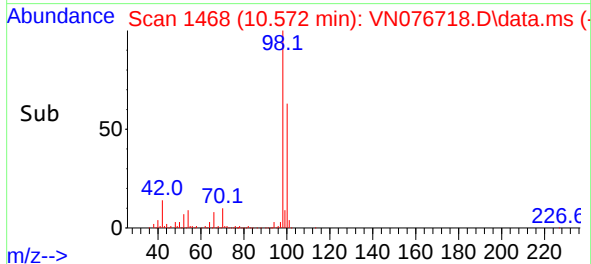
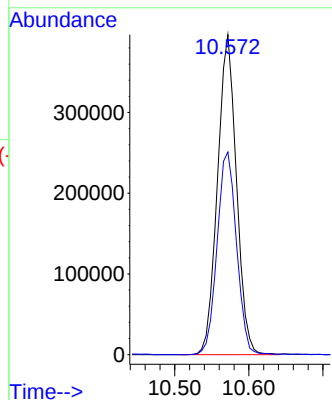
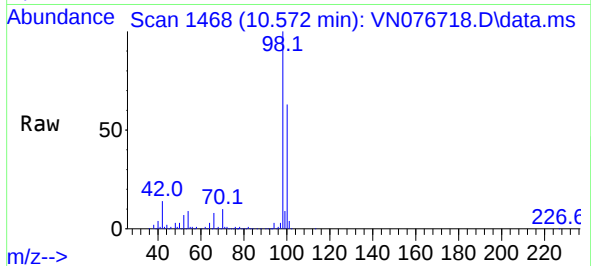




#50  
Toluene-d8  
Concen: 50.982 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. 0.006 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

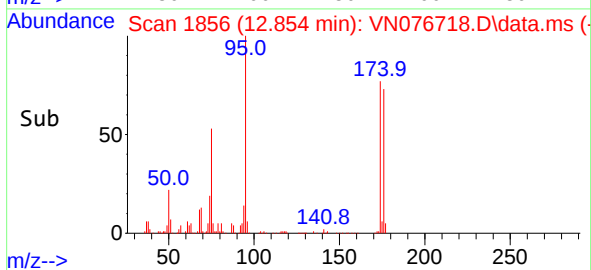
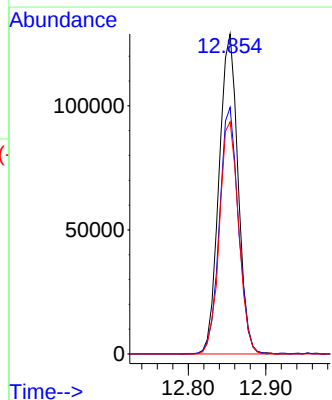
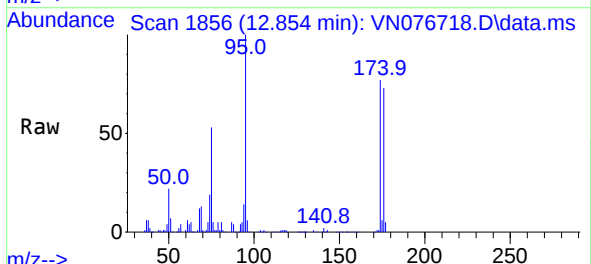
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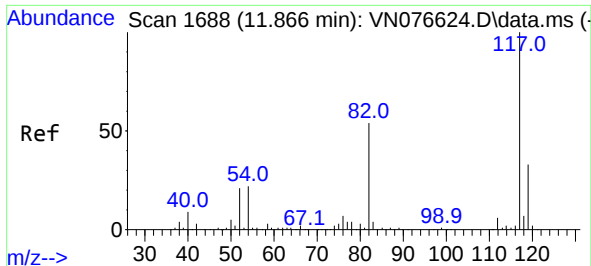
Tgt Ion: 98 Resp: 704796  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.9 79.3



#62  
4-Bromofluorobenzene  
Concen: 47.953 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

Tgt Ion: 95 Resp: 219561  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 169.2  
176 73.3 0.0 163.4

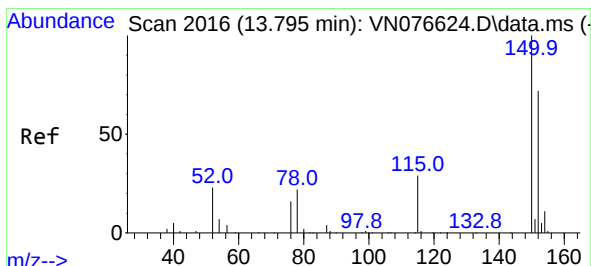
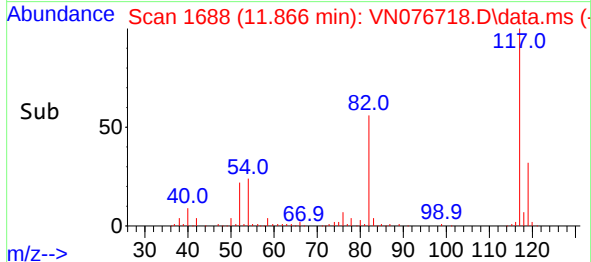
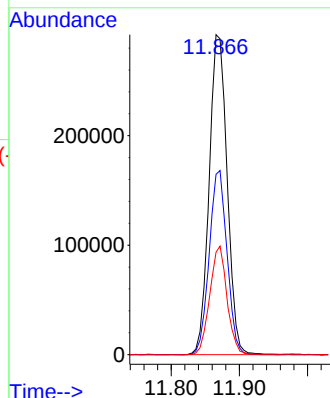
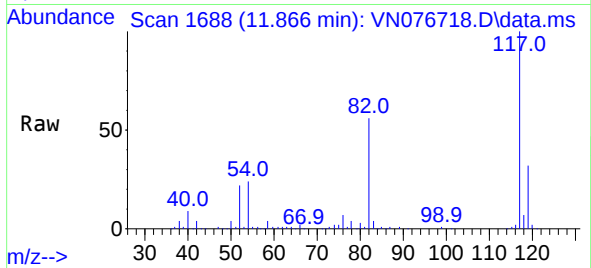




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
TCLP-7

Tgt Ion:117 Resp: 537072  
Ion Ratio Lower Upper  
117 100  
82 56.3 43.4 65.2  
119 32.0 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN076718.D  
Acq: 16 Feb 2023 17:52

Tgt Ion:152 Resp: 200627  
Ion Ratio Lower Upper  
152 100  
115 60.4 29.3 87.9  
150 160.5 0.0 349.8

