

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110923\  
 Data File : VY016279.D  
 Acq On : 09 Nov 2023 14:13  
 Operator : SY/MD  
 Sample : 05293-05  
 Misc : 6.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-5

Quant Time: Nov 09 22:58:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110823S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 09 00:45:52 2023  
 Response via : Initial Calibration

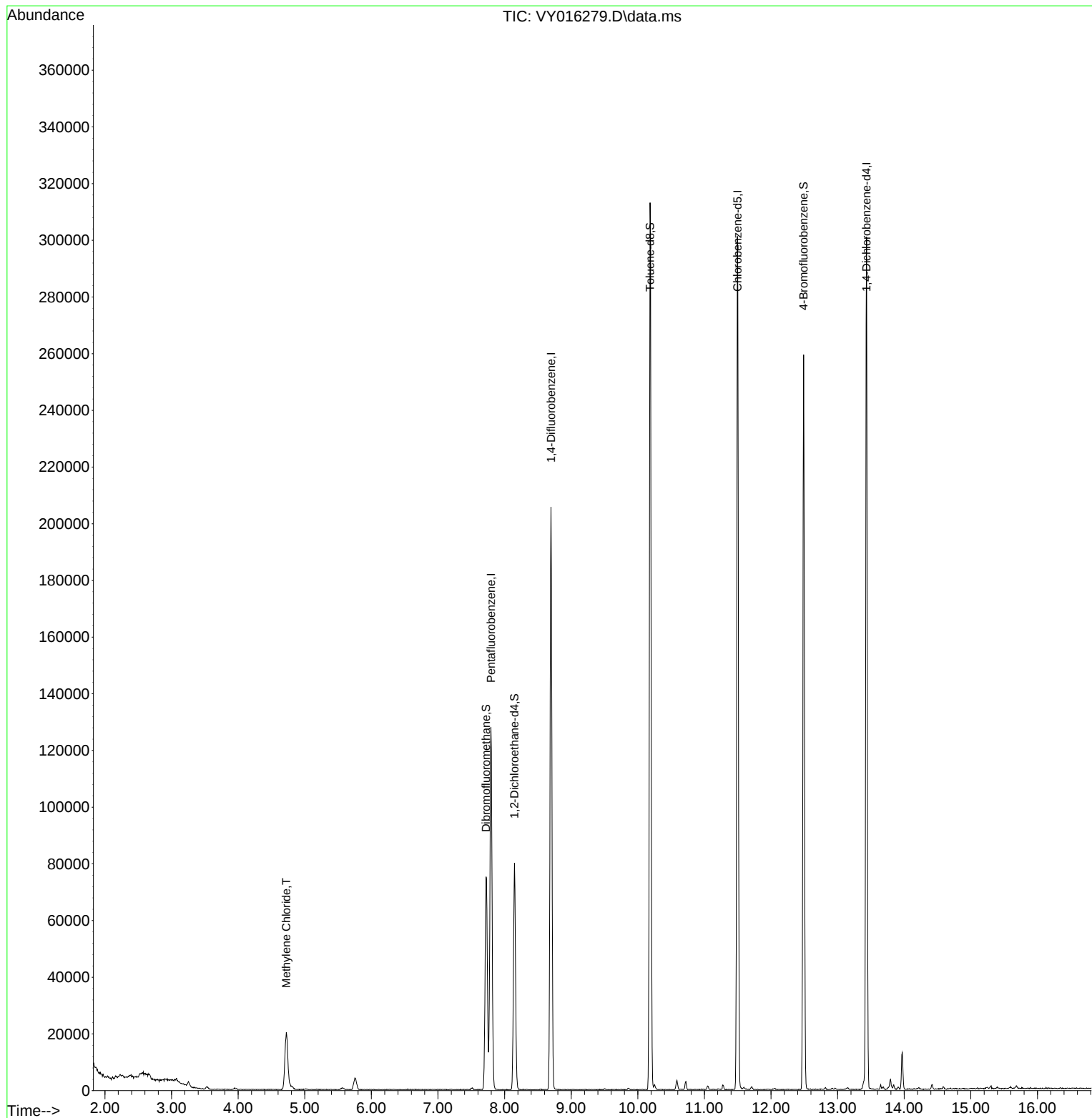
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.795     | 168   | 100778   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697     | 114   | 178454   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.496    | 117   | 169280   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.434    | 152   | 78740    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.149     | 65    | 61475    | 66.743   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | = 133.480% |          |
| 35) Dibromofluoromethane    | 7.722     | 113   | 54788    | 54.046   | ug/l       | -0.01    |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | = 108.100% |          |
| 50) Toluene-d8              | 10.185    | 98    | 209347   | 50.925   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 134 | Recovery | = 101.840% |          |
| 62) 4-Bromofluorobenzene    | 12.489    | 95    | 73092    | 54.744   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 30 - 143 | Recovery | = 109.480% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 20) Methylene Chloride      | 4.722     | 84    | 15613    | 11.850   | ug/l #     | 89       |
| -----                       |           |       |          |          |            |          |

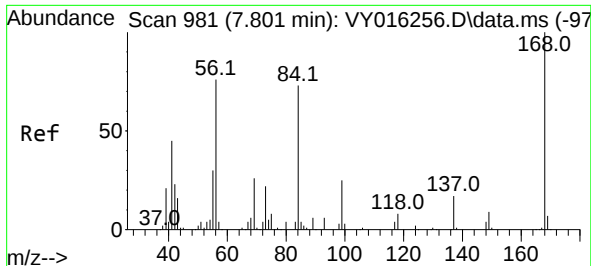
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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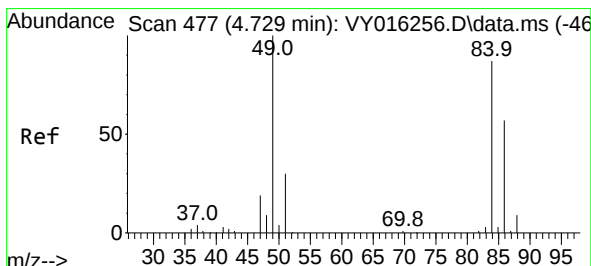
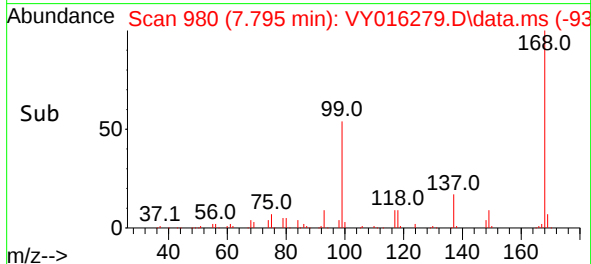
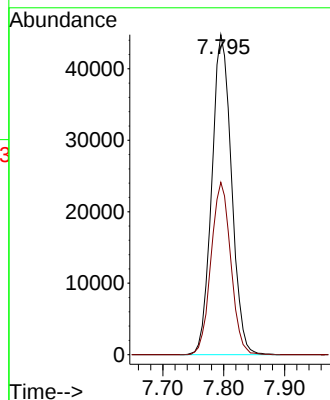
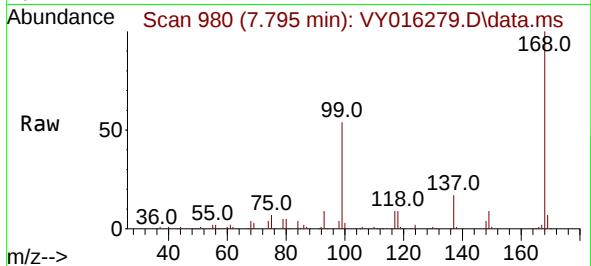




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VY016279.D  
Acq: 09 Nov 2023 14:13

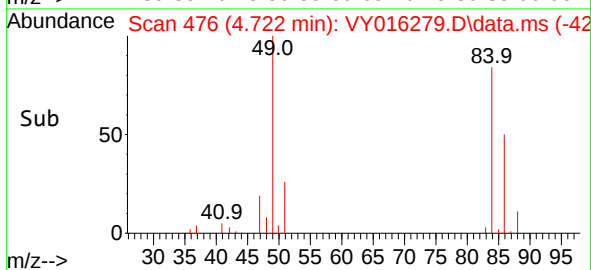
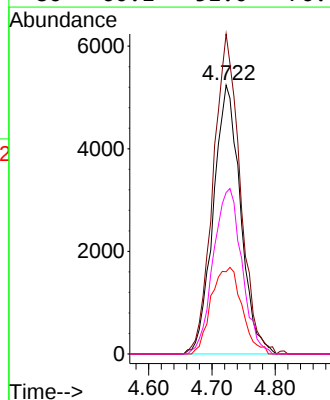
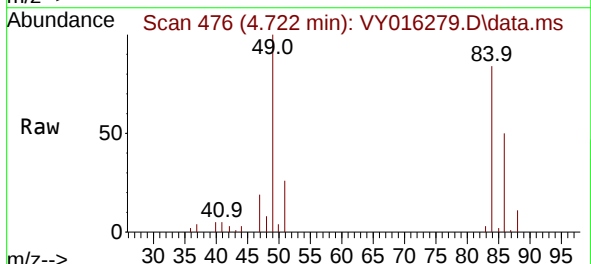
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-5

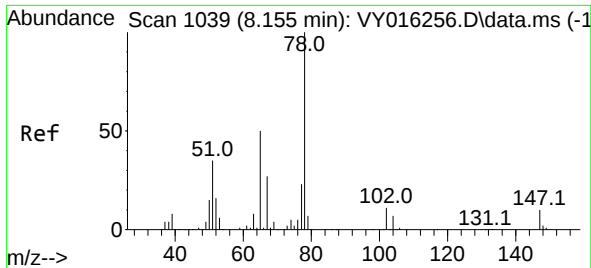
Tgt Ion:168 Resp: 100778  
Ion Ratio Lower Upper  
168 100  
99 53.8 43.4 65.0



#20  
Methylene Chloride  
Concen: 11.850 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. -0.007 min  
Lab File: VY016279.D  
Acq: 09 Nov 2023 14:13

Tgt Ion: 84 Resp: 15613  
Ion Ratio Lower Upper  
84 100  
49 119.1 106.9 160.3  
51 30.6 33.2 49.8#  
86 60.1 51.0 76.6

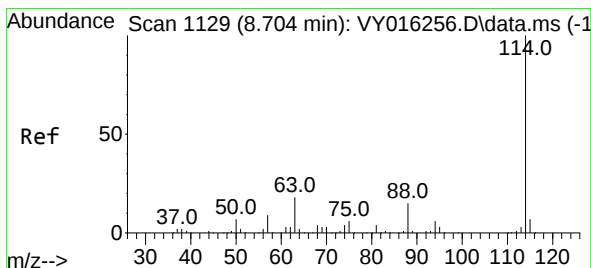
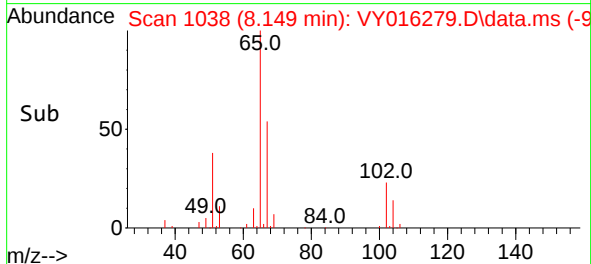
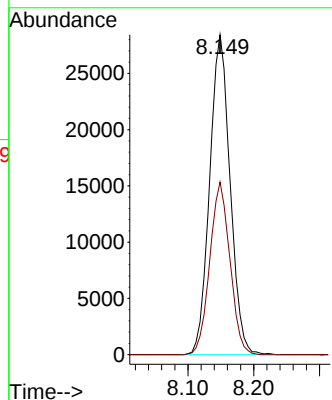
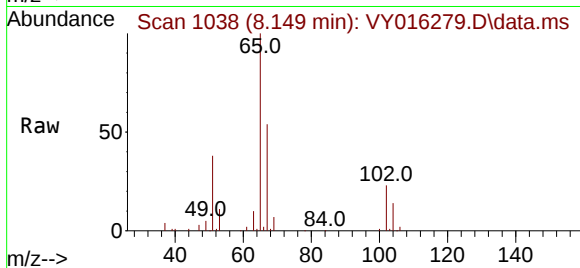




#33  
1,2-Dichloroethane-d4  
Concen: 66.743 ug/l  
RT: 8.149 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: VY016279.D  
Acq: 09 Nov 2023 14:13

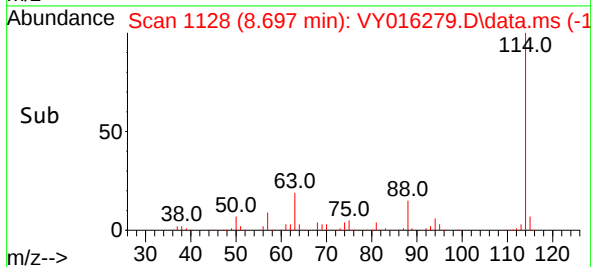
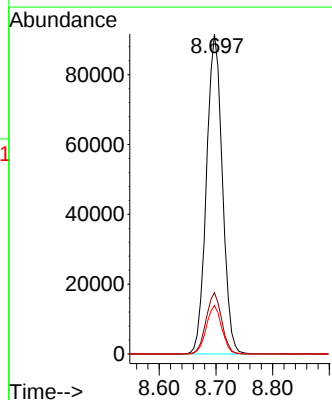
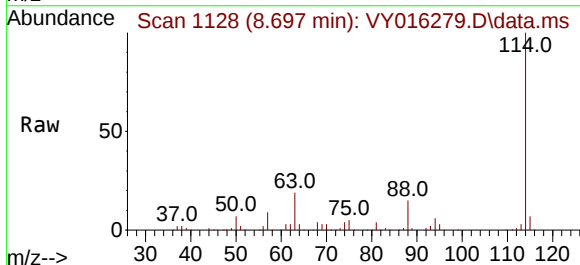
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-5

Tgt Ion: 65 Resp: 61475  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 101.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.006 min  
Lab File: VY016279.D  
Acq: 09 Nov 2023 14:13

Tgt Ion: 114 Resp: 178454  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 42.4  
88 15.1 0.0 30.6

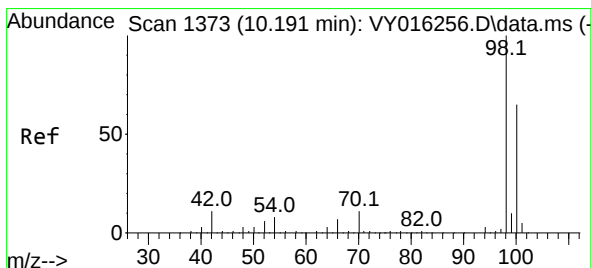
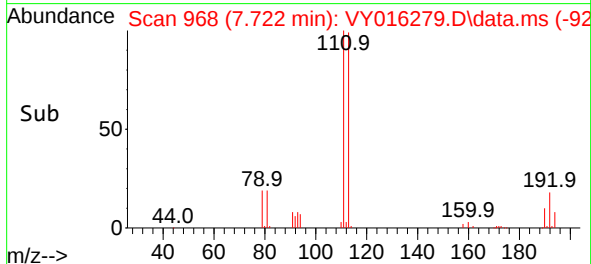
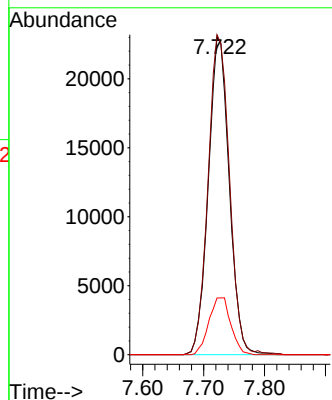
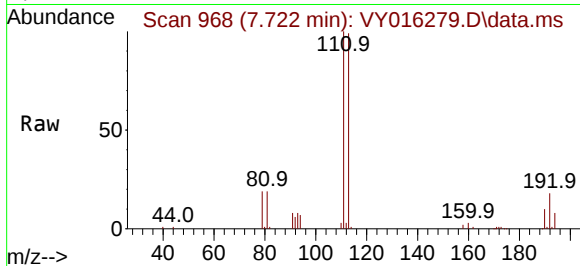




#35  
Dibromofluoromethane  
Concen: 54.046 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VY016279.D  
Acq: 09 Nov 2023 14:13

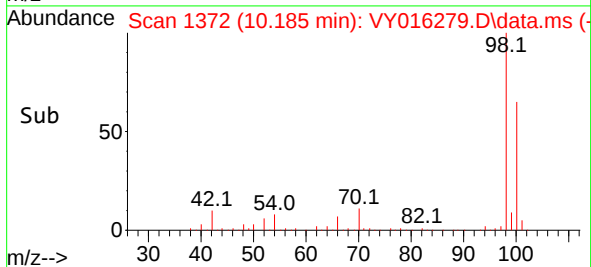
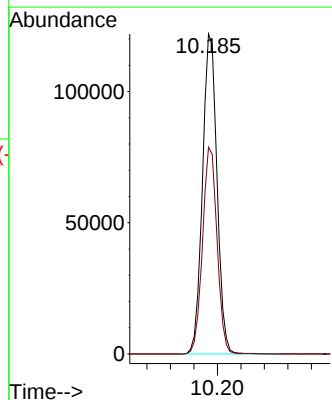
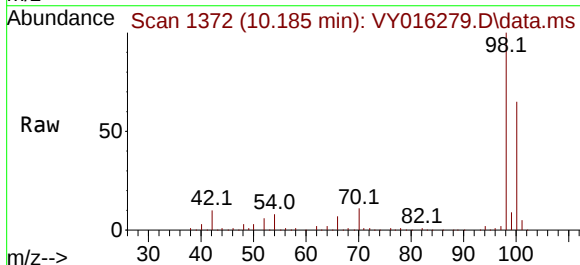
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-5

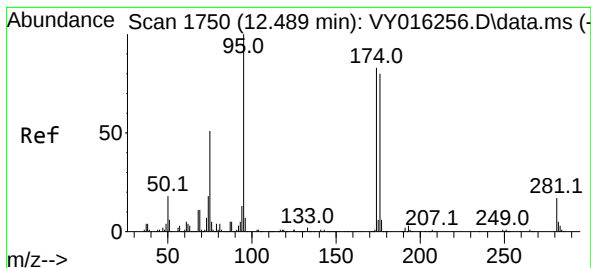
Tgt Ion:113 Resp: 54788  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.3 121.9  
192 18.9 16.9 25.3



#50  
Toluene-d8  
Concen: 50.925 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.006 min  
Lab File: VY016279.D  
Acq: 09 Nov 2023 14:13

Tgt Ion: 98 Resp: 209347  
Ion Ratio Lower Upper  
98 100  
100 64.6 50.1 75.1

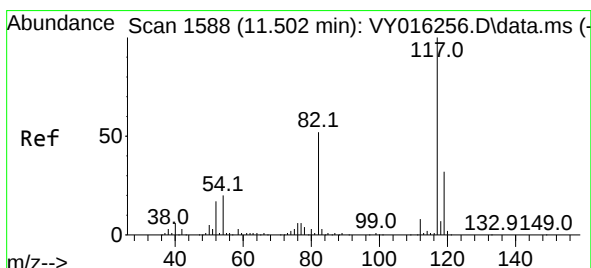
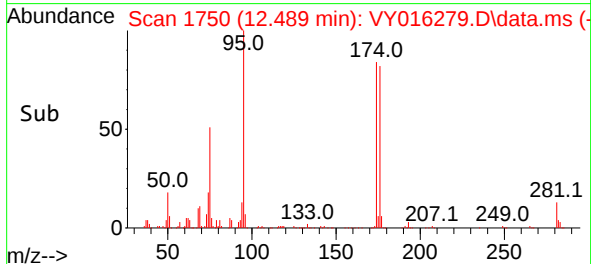
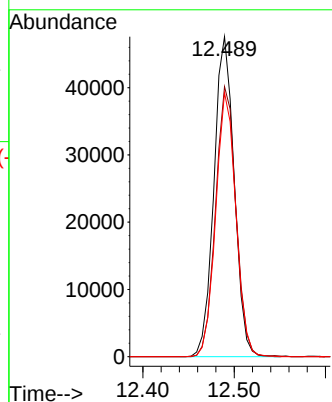
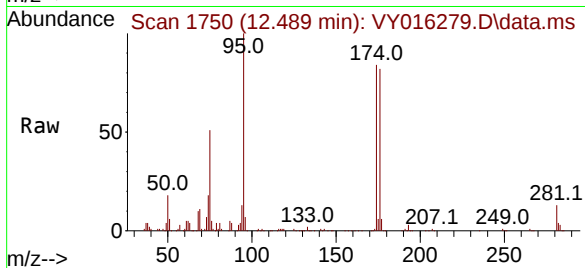




#62  
4-Bromofluorobenzene  
Concen: 54.744 ug/l  
RT: 12.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY016279.D  
Acq: 09 Nov 2023 14:13

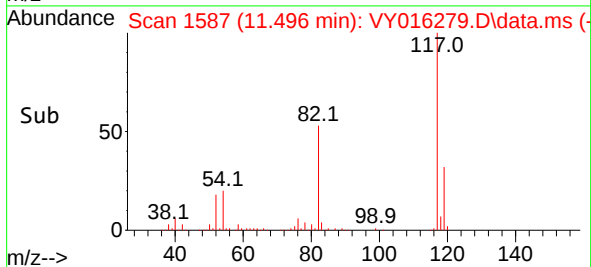
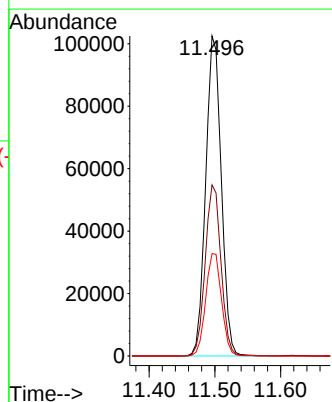
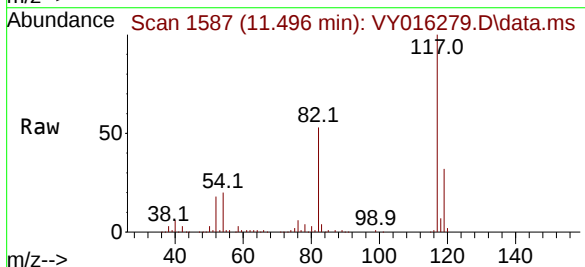
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ClientSampleId :  
SB-5

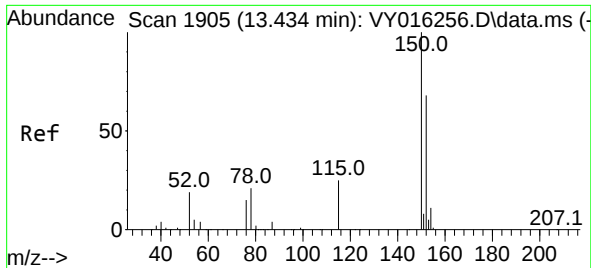
Tgt Ion: 95 Resp: 73092  
Ion Ratio Lower Upper  
95 100  
174 85.3 0.0 178.2  
176 82.1 0.0 173.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: VY016279.D  
Acq: 09 Nov 2023 14:13

Tgt Ion: 117 Resp: 169280  
Ion Ratio Lower Upper  
117 100  
82 53.5 43.4 65.0  
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016279.D

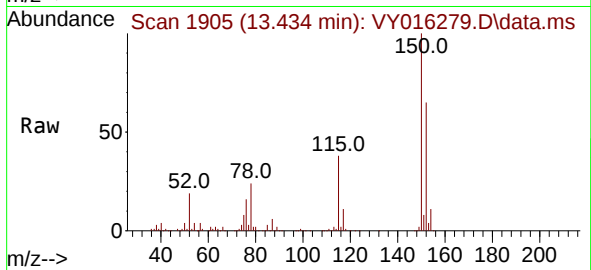
Acq: 09 Nov 2023 14:13

Instrument :

MSVOA\_Y

ClientSampleId :

SB-5



Tgt Ion:152 Resp: 78740

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 155.2 0.0 348.8

