

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014682.D
 Acq On : 17 Jul 2023 19:05
 Operator : SY/MD
 Sample : 03631-08
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11(3.5-4.5)

Quant Time: Jul 18 06:13:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

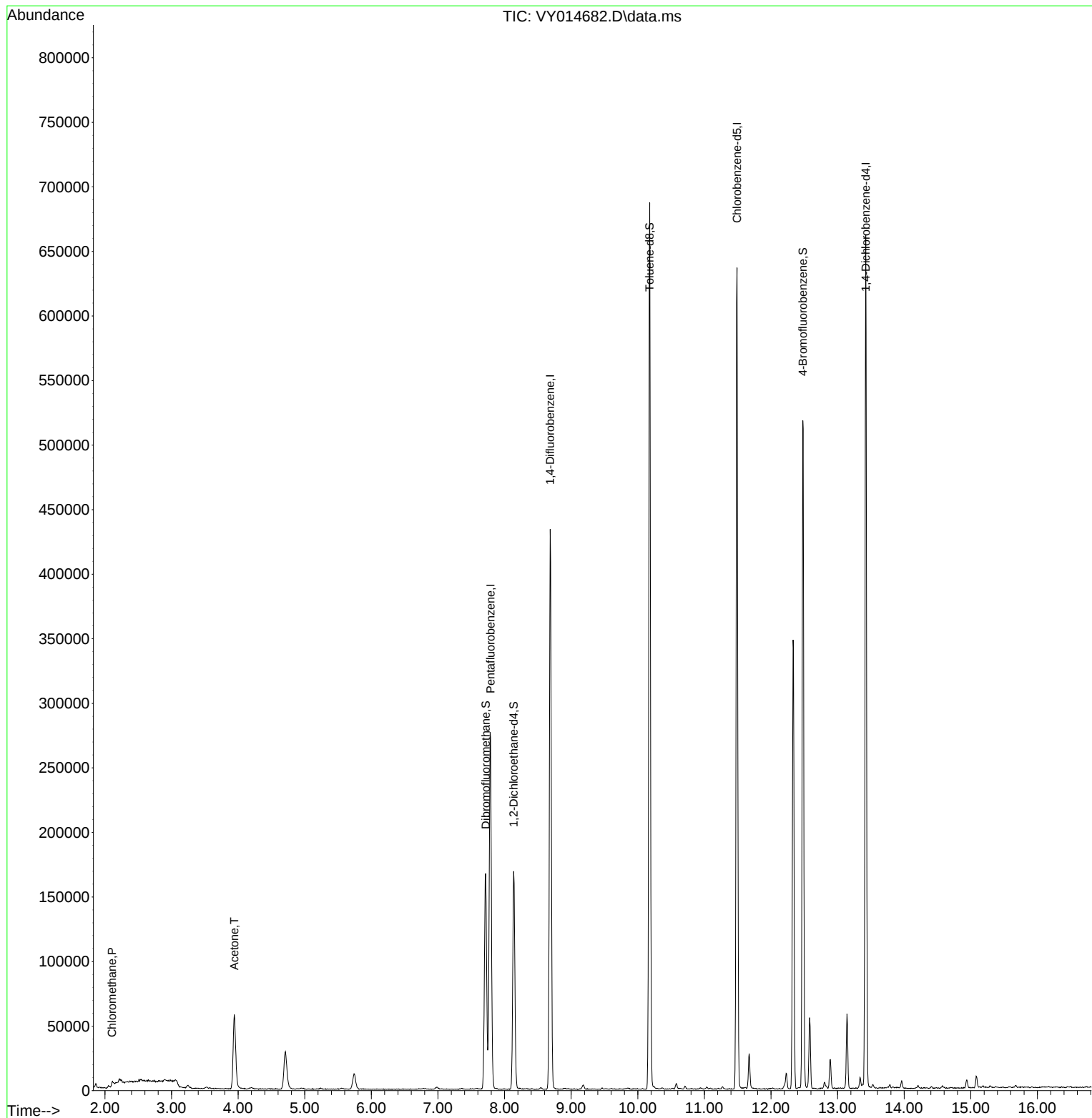
Internal Standards						
1) Pentafluorobenzene	7.789	168	215322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	349352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	131862	53.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.480%	
35) Dibromofluoromethane	7.716	113	118819	49.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.179	98	447151	50.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.477	95	168929	49.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.980%	
Target Compounds						
						Qvalue
3) Chloromethane	2.107	50	2229	1.130	ug/l	97
16) Acetone	3.942	43	99239	127.632	ug/l	91

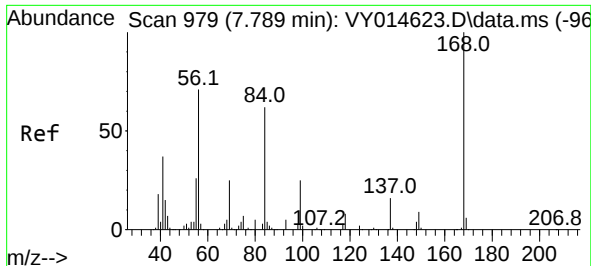
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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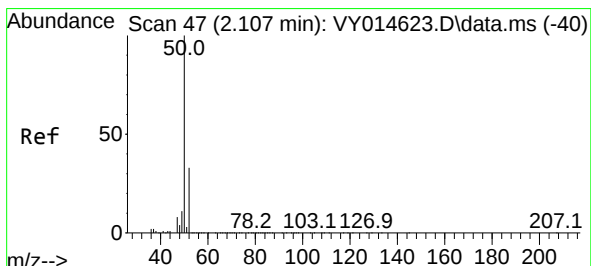
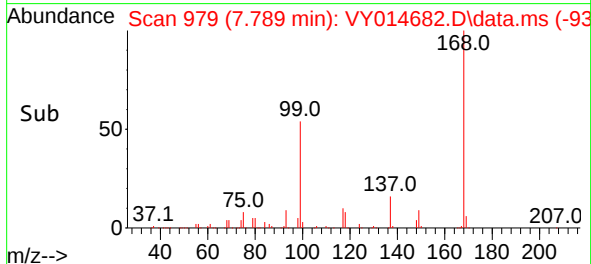
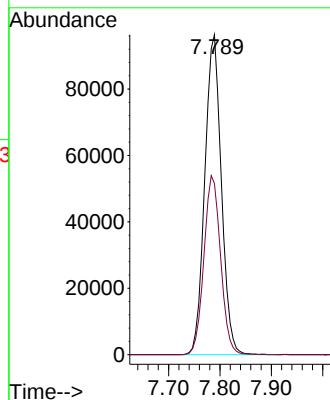
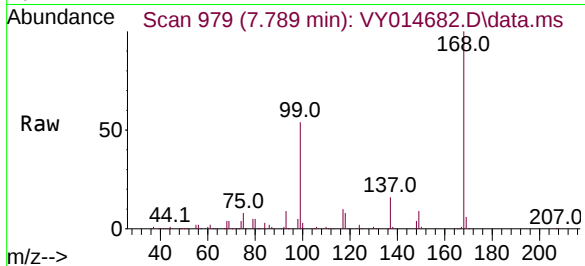




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

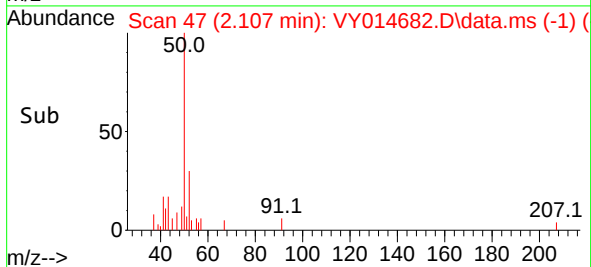
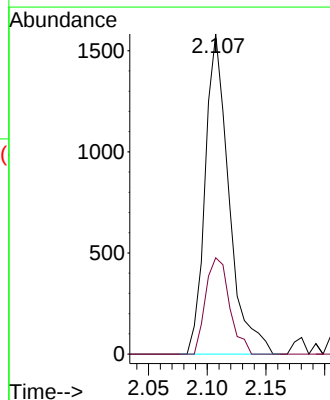
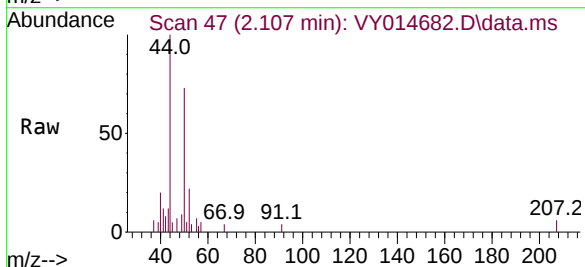
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(3.5-4.5)

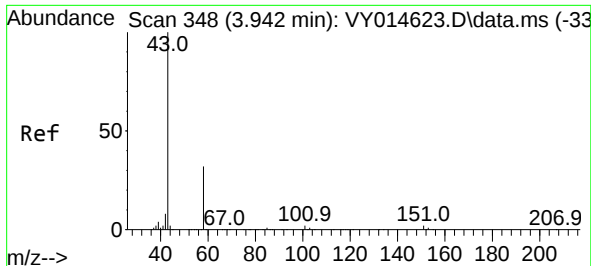
Tgt Ion:168 Resp: 215322
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#3
Chloromethane
Concen: 1.130 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

Tgt Ion: 50 Resp: 2229
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.2

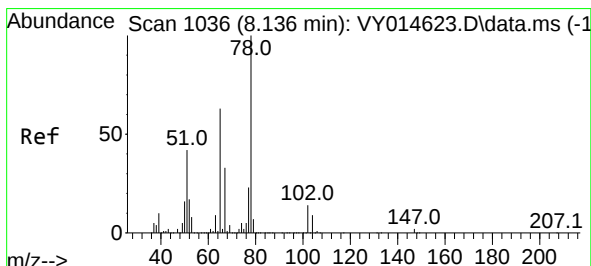
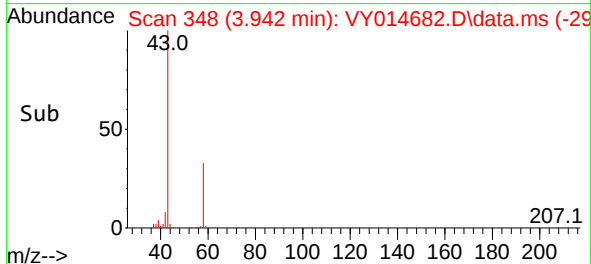
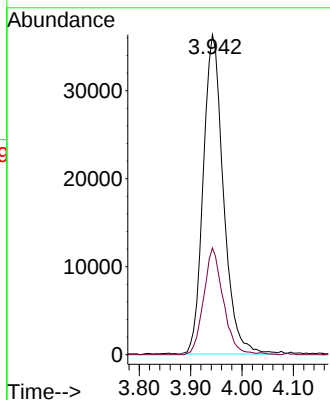
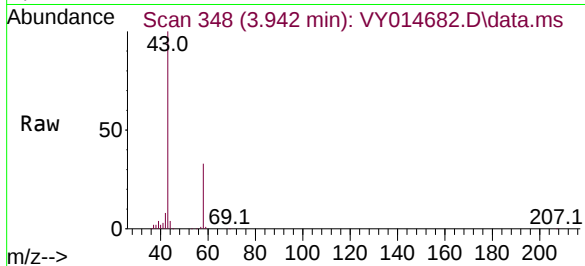




#16
Acetone
Concen: 127.632 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

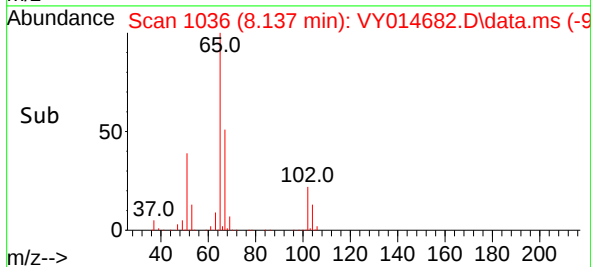
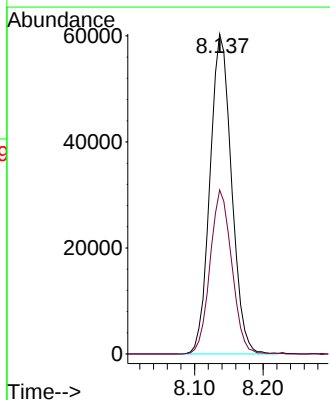
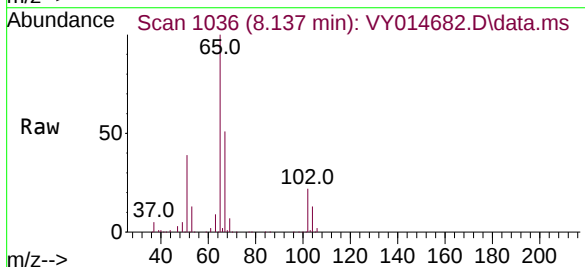
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(3.5-4.5)

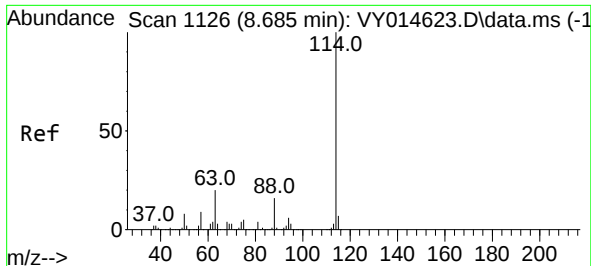
Tgt Ion: 43 Resp: 99239
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1



#33
1,2-Dichloroethane-d4
Concen: 53.741 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

Tgt Ion: 65 Resp: 131862
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

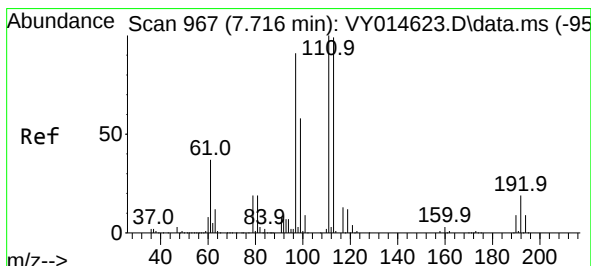
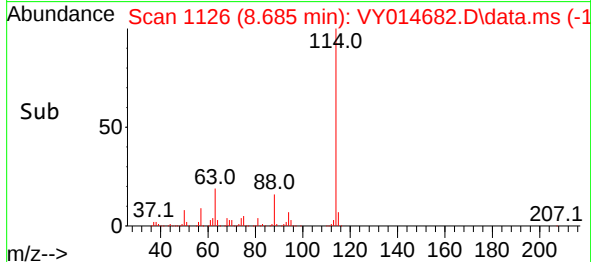
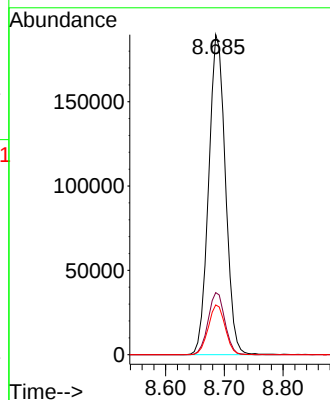
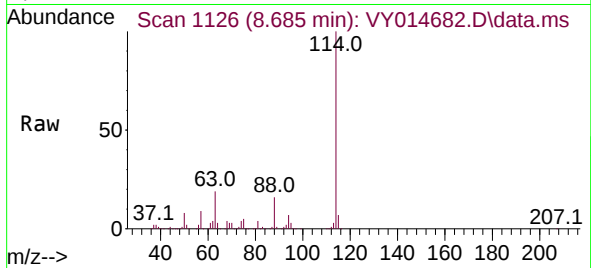




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

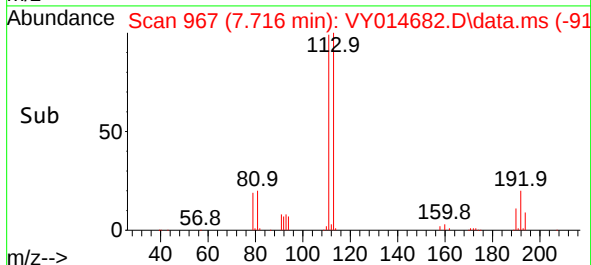
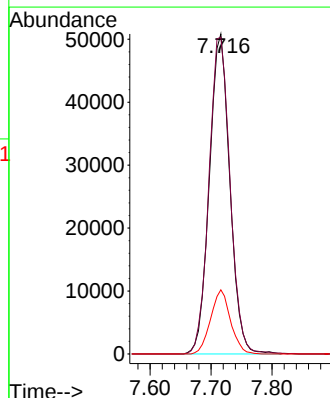
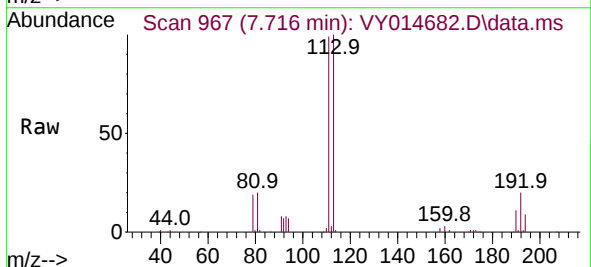
Instrument :
MSVOA_Y
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SB-11(3.5-4.5)

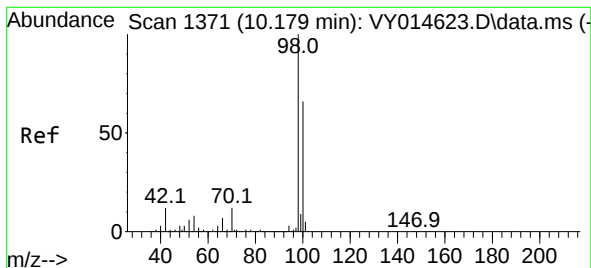
Tgt Ion:114 Resp: 375483
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.710 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

Tgt Ion:113 Resp: 118819
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.4 16.9 25.3

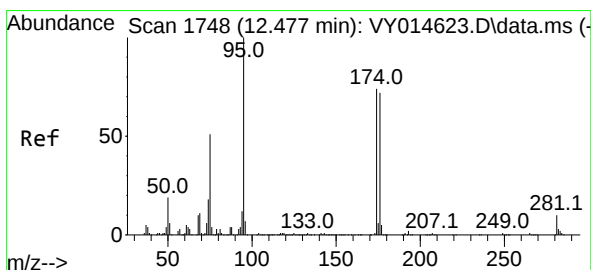
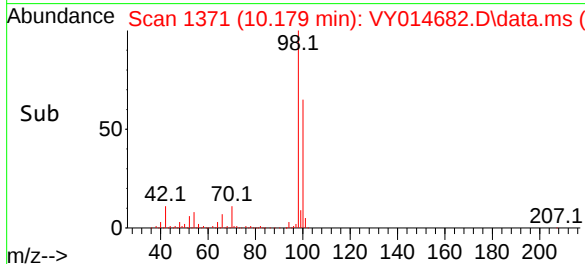
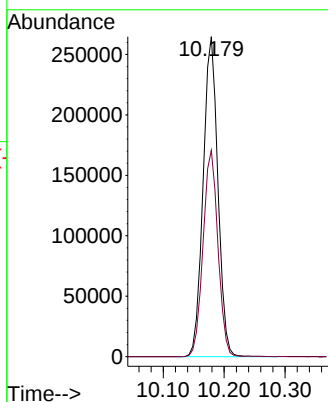
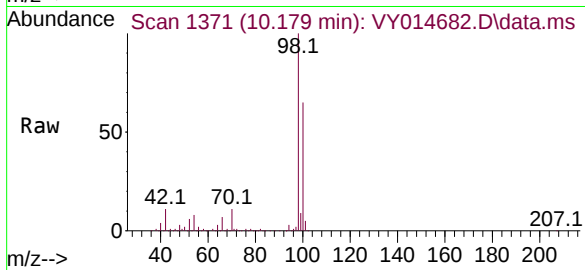




#50
Toluene-d8
Concen: 50.742 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

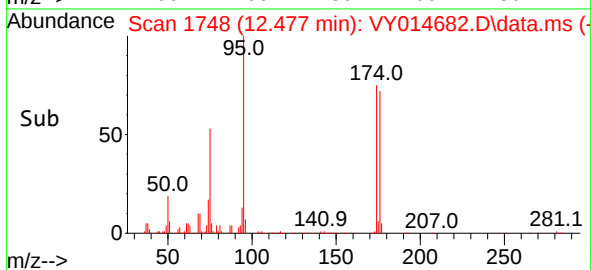
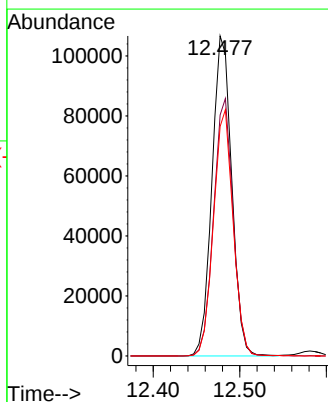
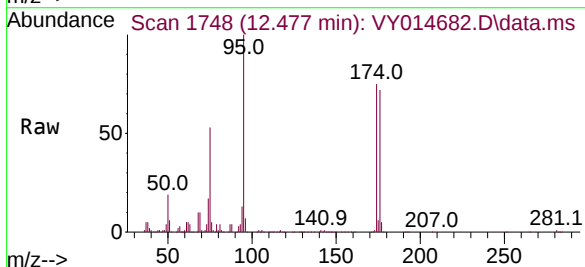
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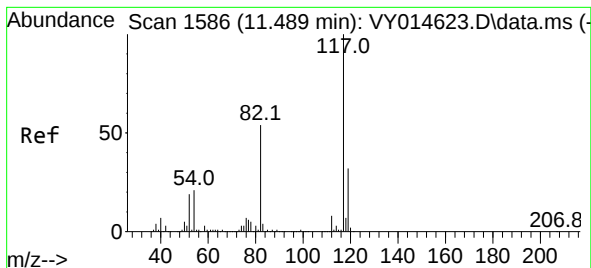
Tgt Ion: 98 Resp: 447151
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.994 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

Tgt Ion: 95 Resp: 168929
Ion Ratio Lower Upper
95 100
174 79.5 0.0 178.2
176 76.4 0.0 173.8

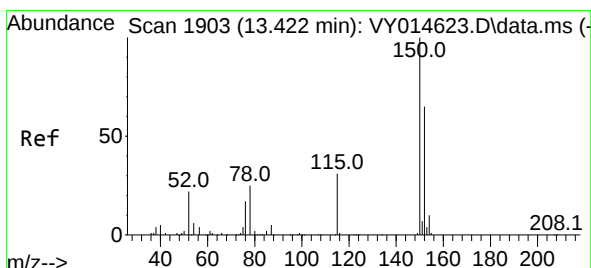
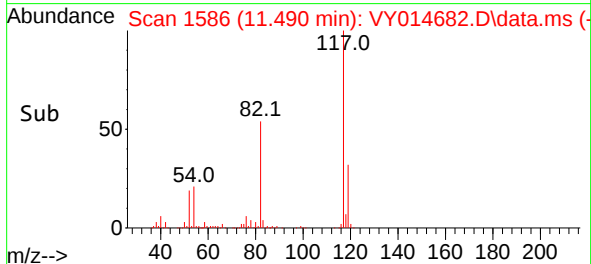
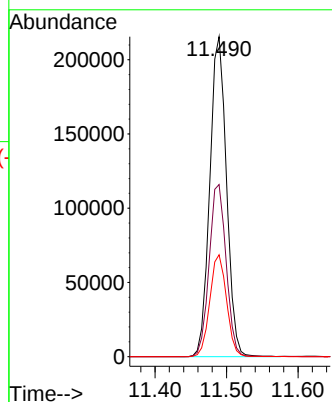
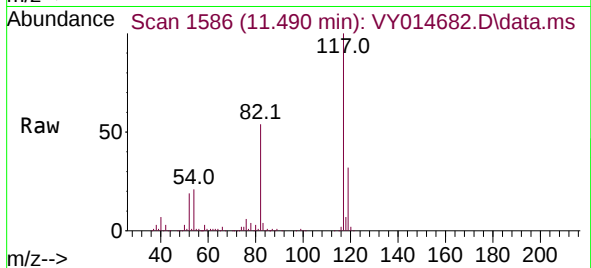




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-11(3.5-4.5)

Tgt Ion:117 Resp: 349352
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014682.D
Acq: 17 Jul 2023 19:05

Tgt Ion:152 Resp: 164868
Ion Ratio Lower Upper
152 100
115 60.1 28.8 86.5
150 157.5 0.0 348.8

