

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013357.D
 Acq On : 19 Apr 2023 19:49
 Operator : KP/MD
 Sample : 02389-06
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-2WC-23-04-17

Quant Time: Apr 20 06:58:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

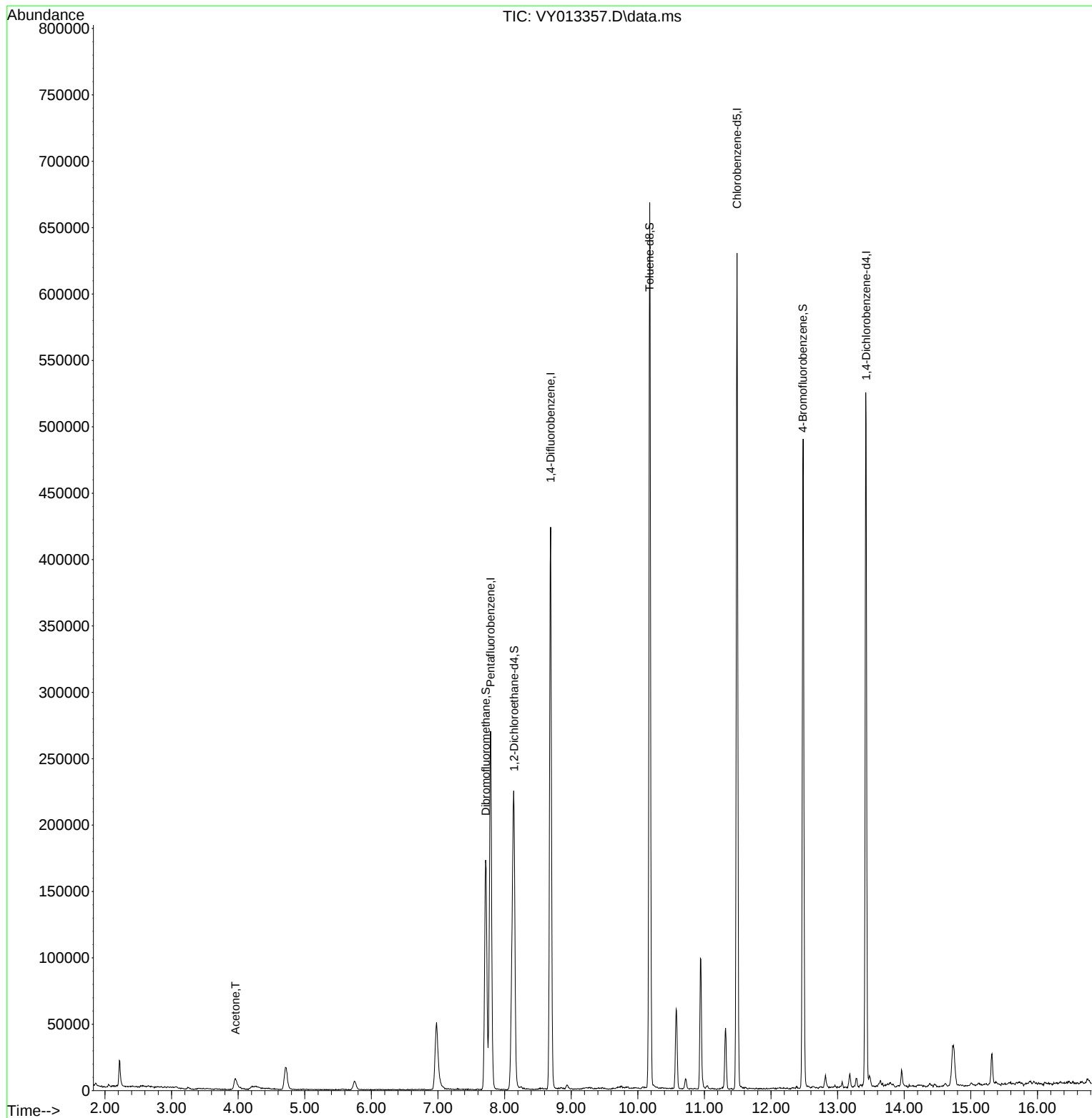
Internal Standards						
1) Pentafluorobenzene	7.789	168	213367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	358440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	137625	53.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.340%	
35) Dibromofluoromethane	7.716	113	124515	53.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.320%	
50) Toluene-d8	10.179	98	426722	49.404	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.477	95	132676	47.276	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.560%	
Target Compounds						
16) Acetone	3.960	43	19761	22.414	ug/l	Qvalue 97

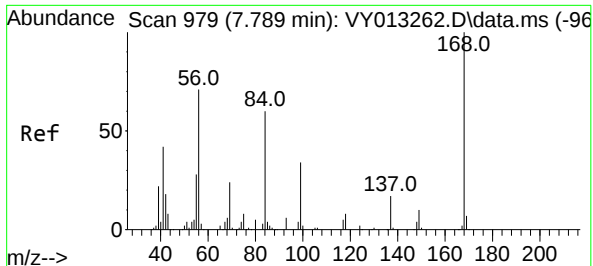
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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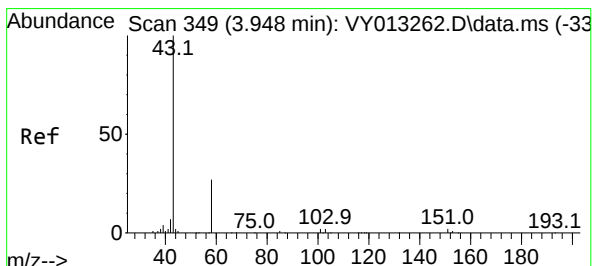
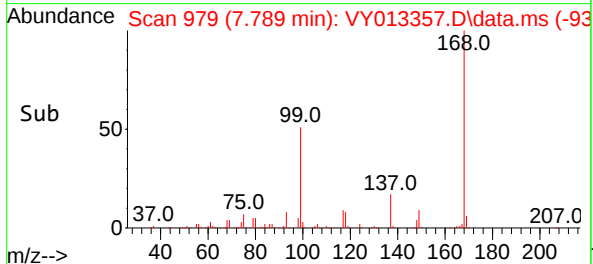
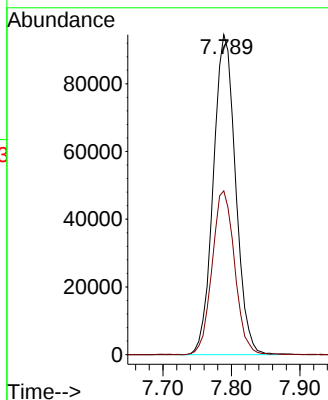
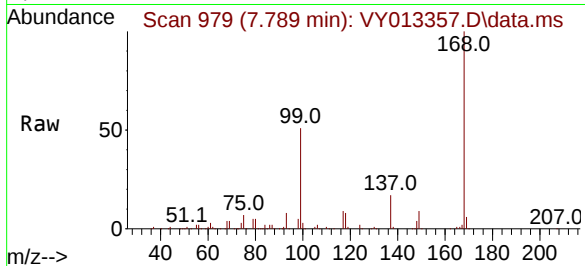




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013357.D
Acq: 19 Apr 2023 19:49

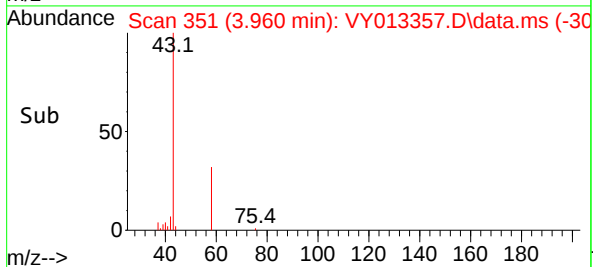
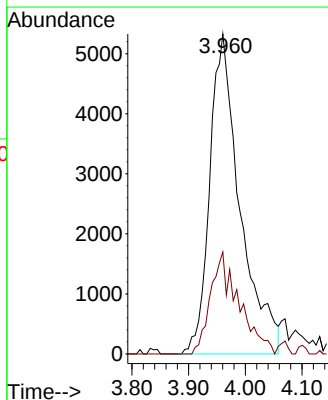
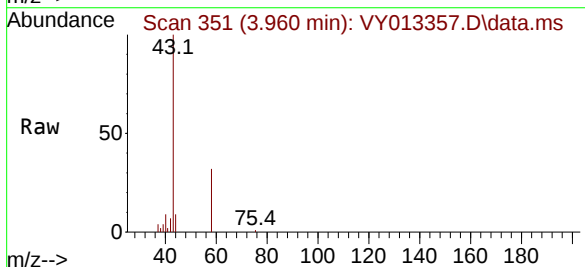
Instrument :
MSVOA_Y
ClientSampleId :
SPB-2WC-23-04-17

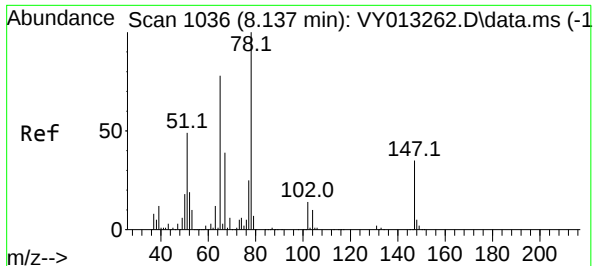
Tgt Ion:168 Resp: 213367
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#16
Acetone
Concen: 22.414 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013357.D
Acq: 19 Apr 2023 19:49

Tgt Ion: 43 Resp: 19761
Ion Ratio Lower Upper
43 100
58 31.8 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 53.672 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013357.D

Acq: 19 Apr 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

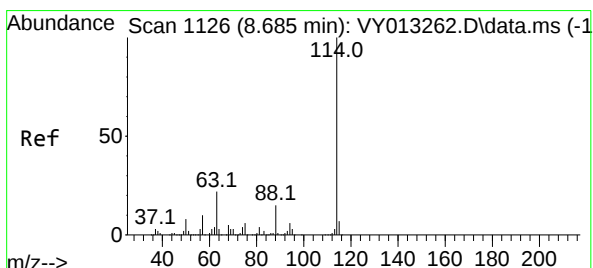
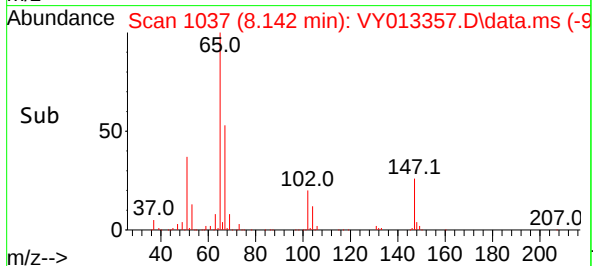
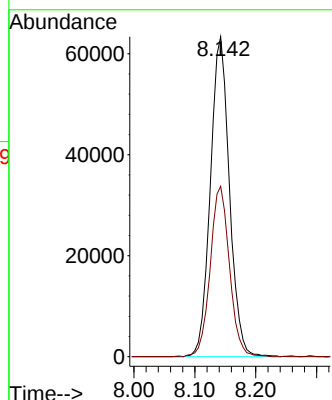
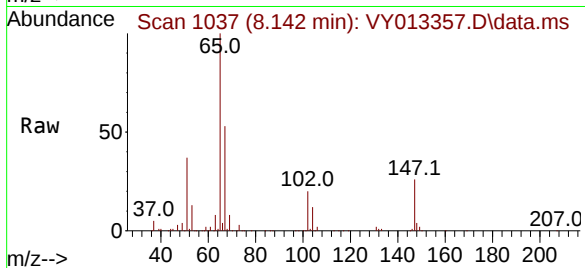
SPB-2WC-23-04-17

Tgt Ion: 65 Resp: 137625

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013357.D

Acq: 19 Apr 2023 19:49

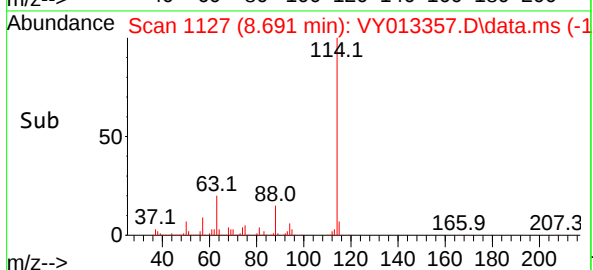
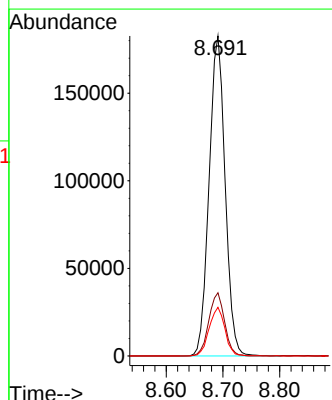
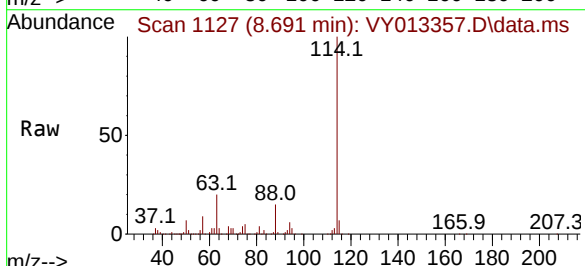
Tgt Ion: 114 Resp: 358440

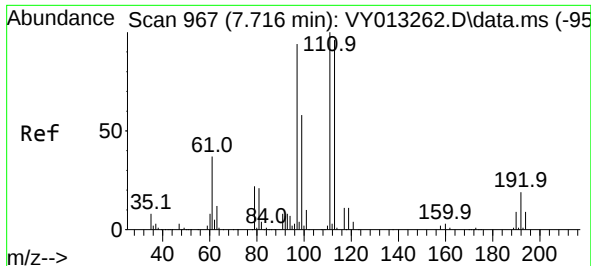
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.2 0.0 28.6

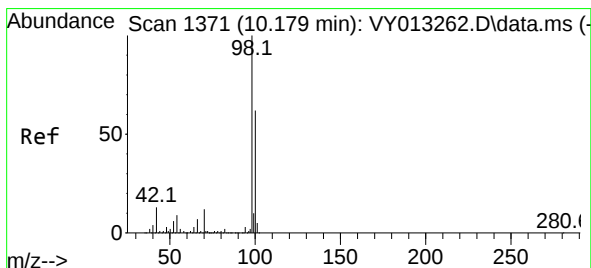
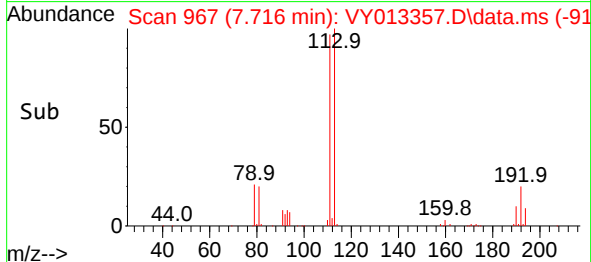
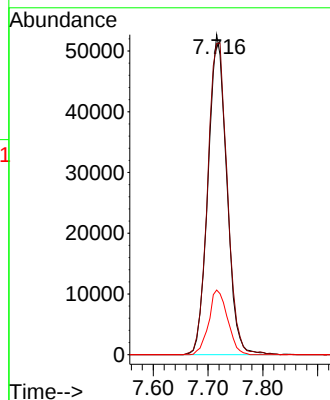
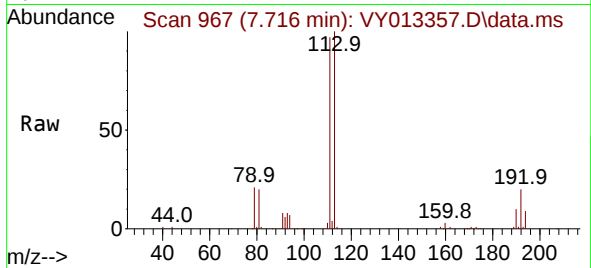




#35
Dibromofluoromethane
Concen: 53.658 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013357.D
Acq: 19 Apr 2023 19:49

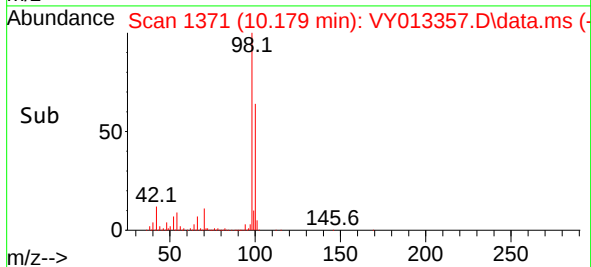
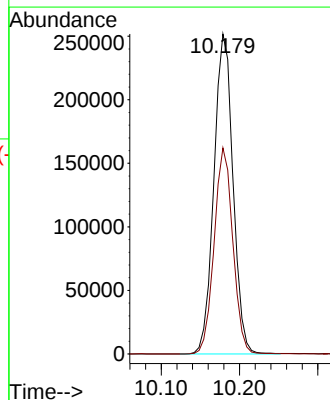
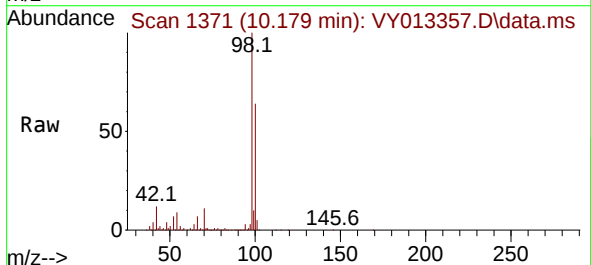
Instrument :
MSVOA_Y
ClientSampleId :
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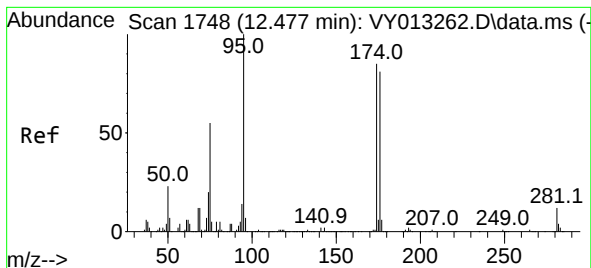
Tgt Ion:113 Resp: 124515
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.3 16.8 25.2



#50
Toluene-d8
Concen: 49.404 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013357.D
Acq: 19 Apr 2023 19:49

Tgt Ion: 98 Resp: 426722
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

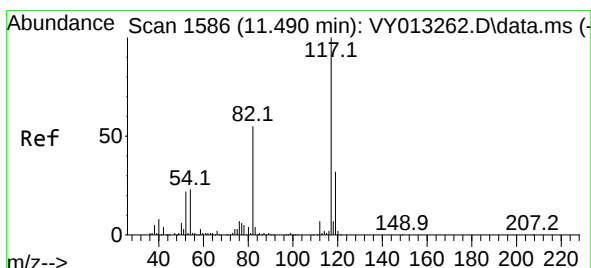
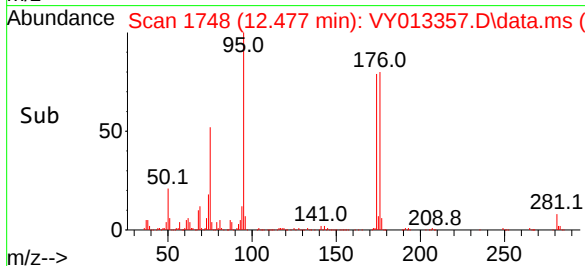
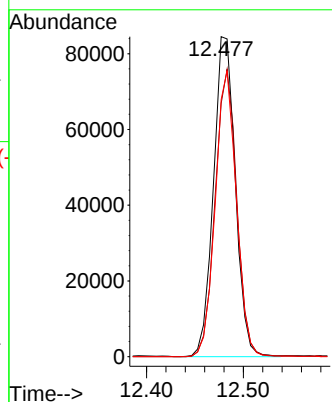
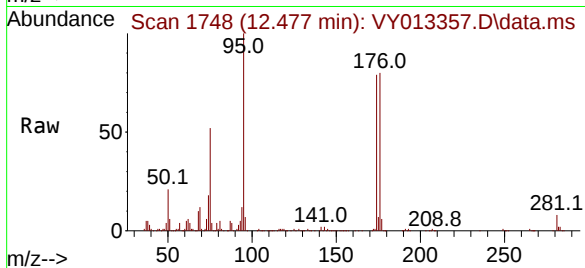




#62
4-Bromofluorobenzene
Concen: 47.276 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013357.D
Acq: 19 Apr 2023 19:49

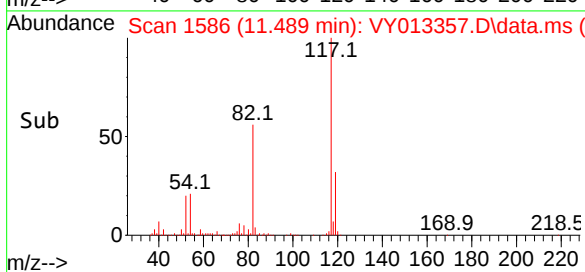
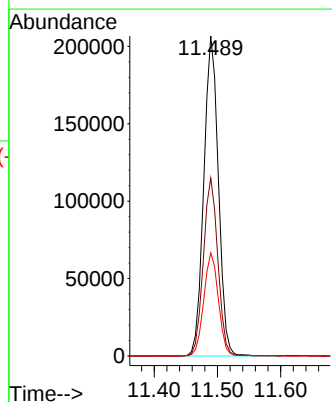
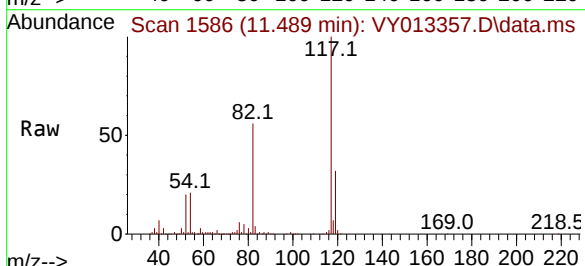
Instrument :
MSVOA_Y
ClientSampleId :
SPB-2WC-23-04-17

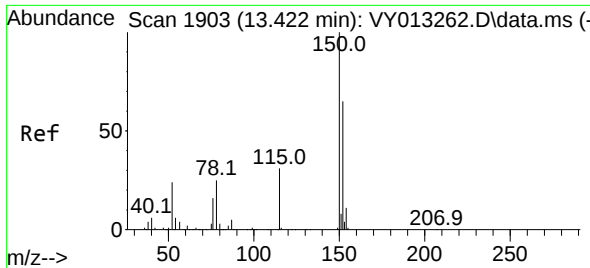
Tgt Ion: 95 Resp: 132676
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 86.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013357.D
Acq: 19 Apr 2023 19:49

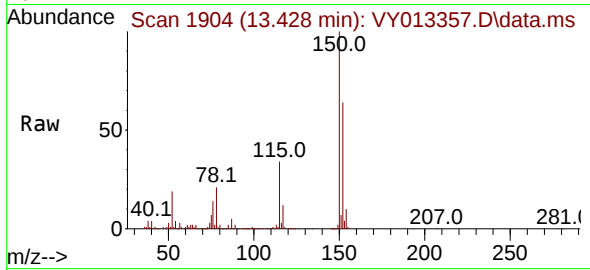
Tgt Ion: 117 Resp: 332084
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013357.D
 Acq: 19 Apr 2023 19:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-2WC-23-04-17



Tgt Ion:152 Resp: 136353

Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.1	81.3
150	158.3	0.0	347.8

