

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014850.D
 Acq On : 26 Jul 2023 15:29
 Operator : SY/MD
 Sample : 03741-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P12B

Quant Time: Jul 26 16:13:40 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)

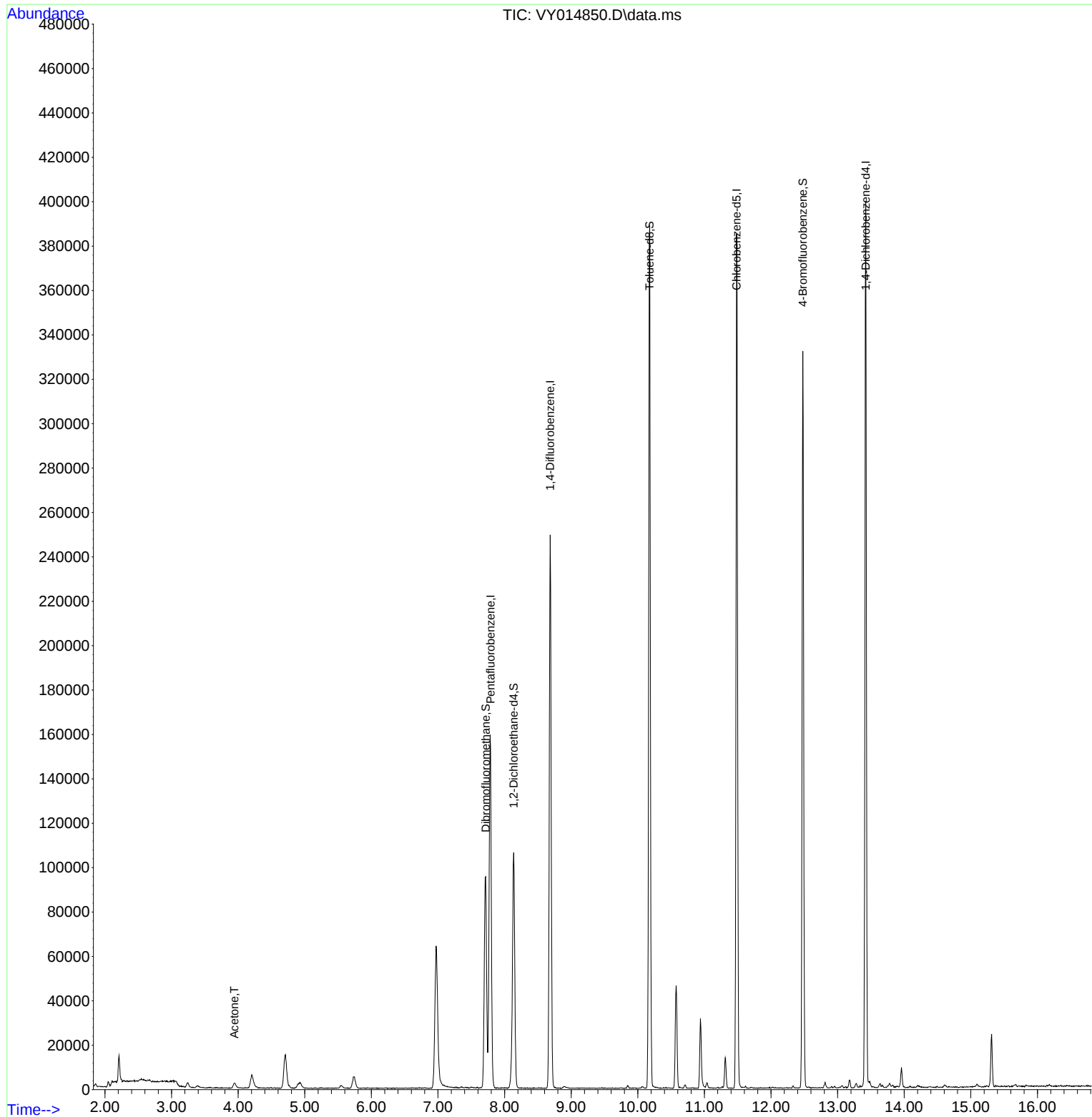
Internal Standards						
1) Pentafluorobenzene	7.789	168	123801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	207807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79586	56.414	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.820%	
35) Dibromofluoromethane	7.716	113	69713	50.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.179	98	257710	50.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.477	95	95345	48.787	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.580%	
Target Compounds						
16) Acetone	3.942	43	4438	9.927	ug/l	Qvalue # 77

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

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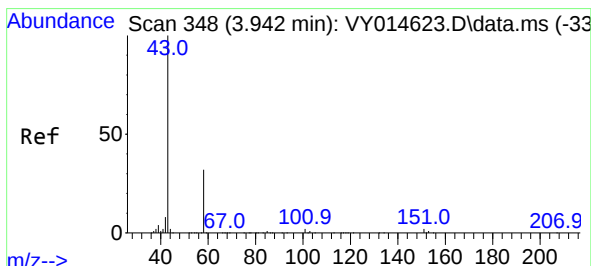
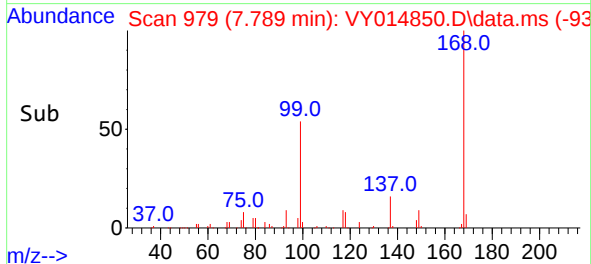
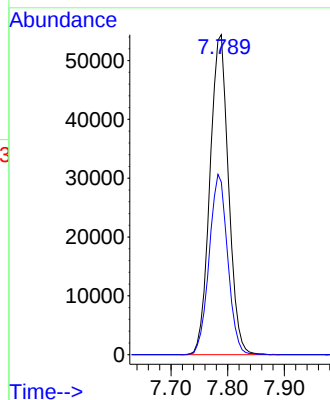
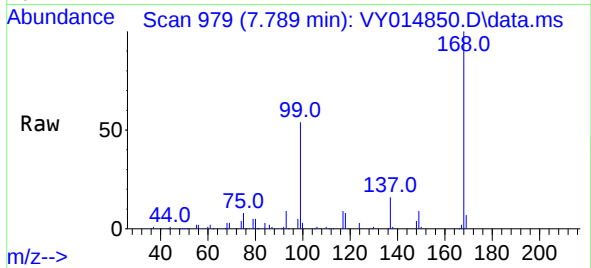




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

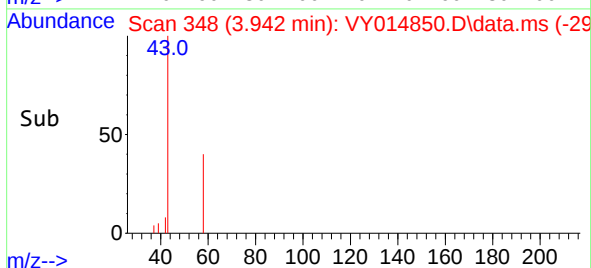
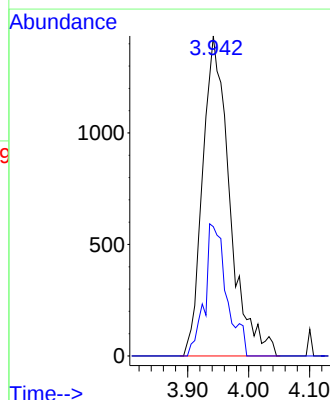
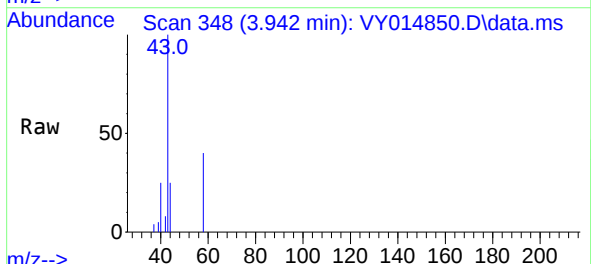
Instrument :
MSVOA_Y
ClientSampleId :
B-P12B

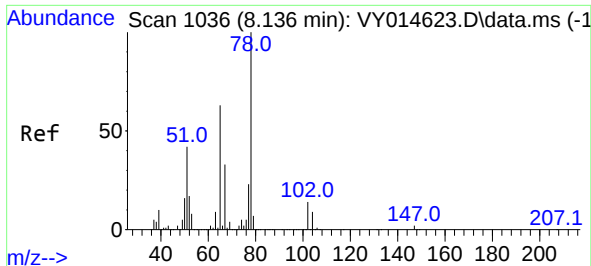
Tgt Ion:168 Resp: 123801
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 9.927 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Tgt Ion: 43 Resp: 4438
Ion Ratio Lower Upper
43 100
58 40.4 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 56.414 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014850.D

Acq: 26 Jul 2023 15:29

Instrument :

MSVOA_Y

ClientSampleId :

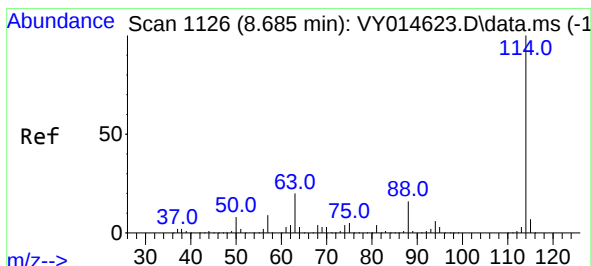
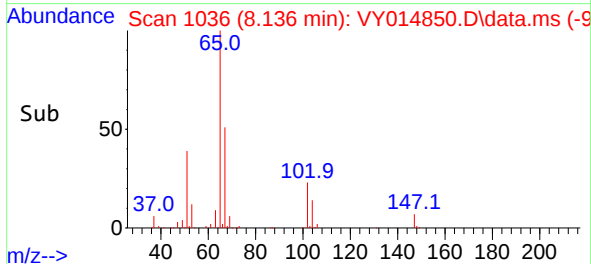
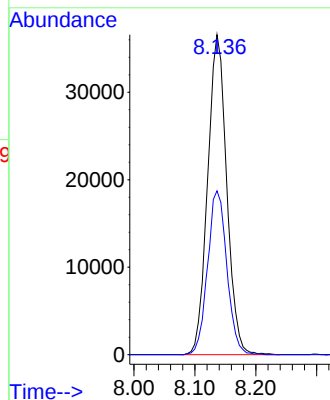
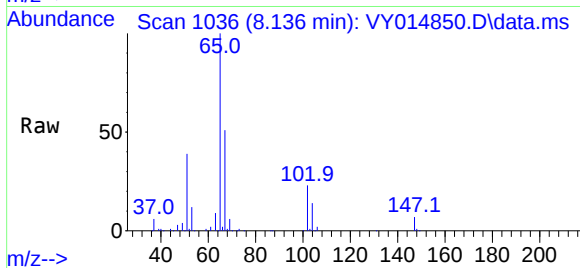
B-P12B

Tgt Ion: 65 Resp: 79586

Ion Ratio Lower Upper

65 100

67 51.7 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: VY014850.D

Acq: 26 Jul 2023 15:29

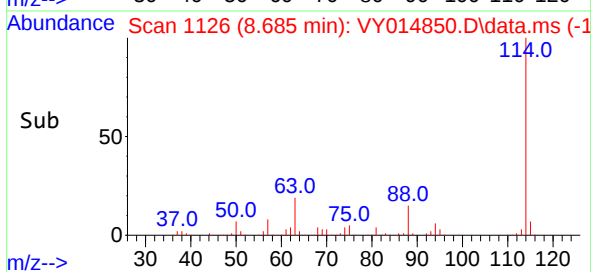
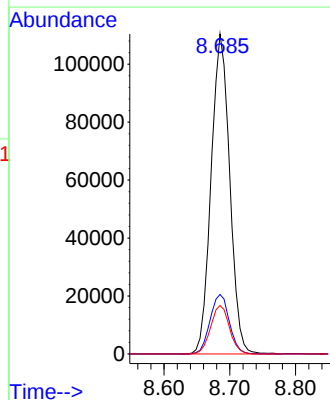
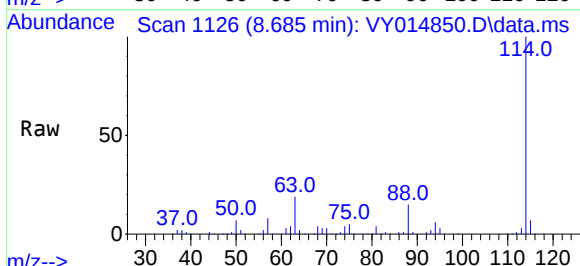
Tgt Ion: 114 Resp: 217170

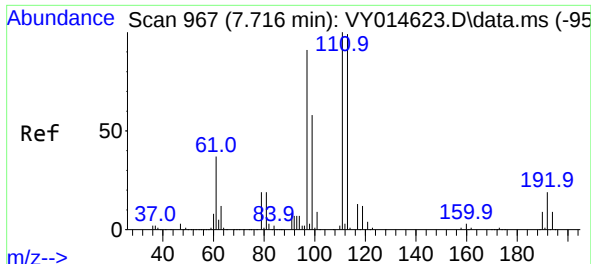
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.1 0.0 30.6

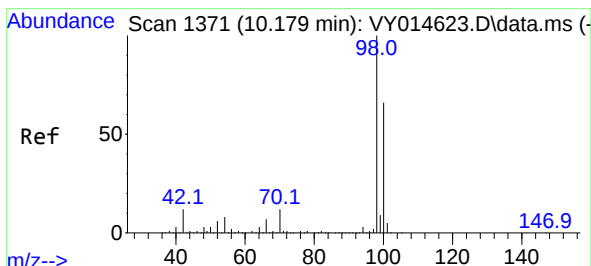
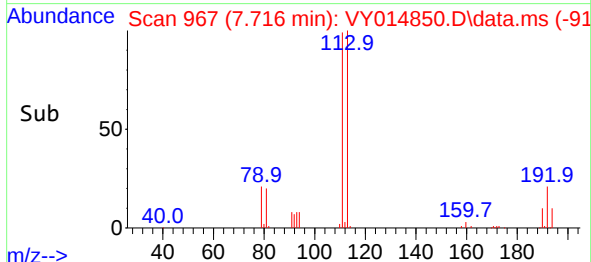
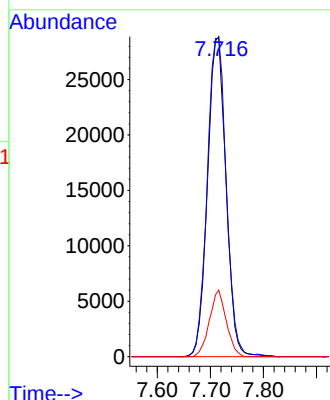
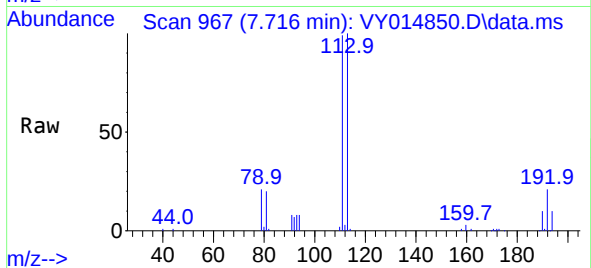




#35
Dibromofluoromethane
Concen: 50.427 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

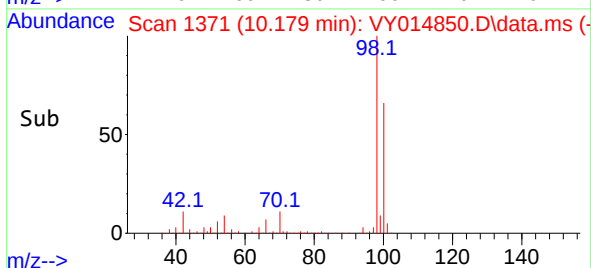
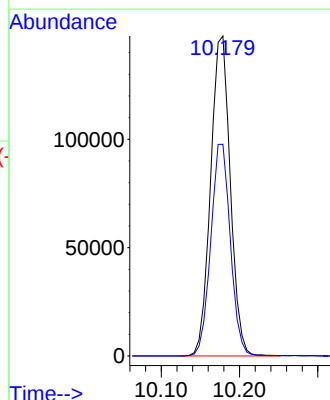
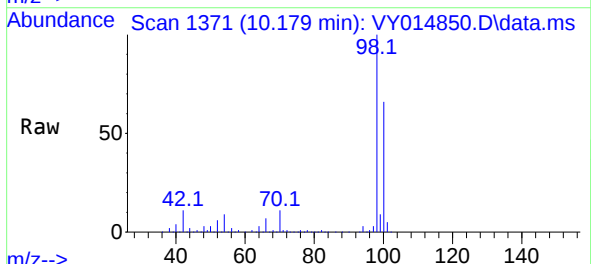
Instrument :
MSVOA_Y
ClientSampleId :
B-P12B

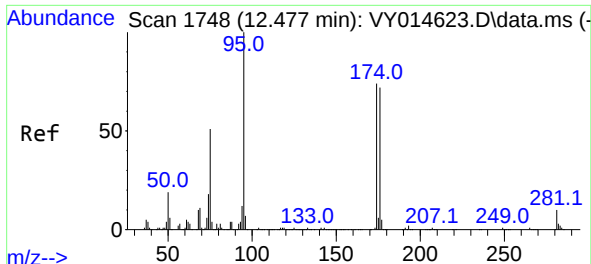
Tgt Ion:113 Resp: 69713
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 50.563 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Tgt Ion: 98 Resp: 257710
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

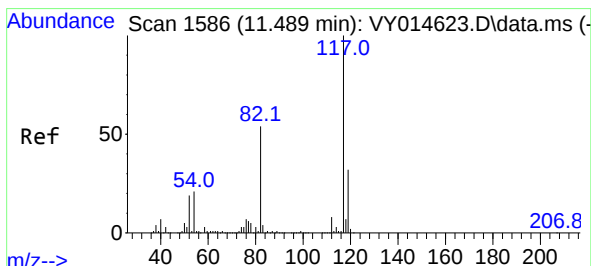
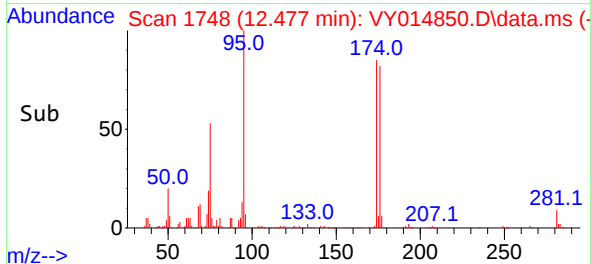
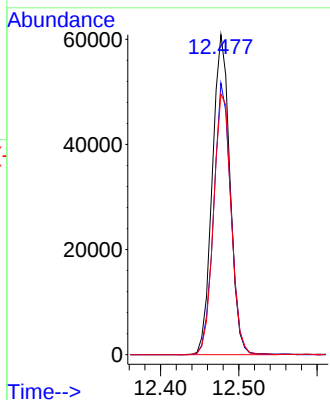
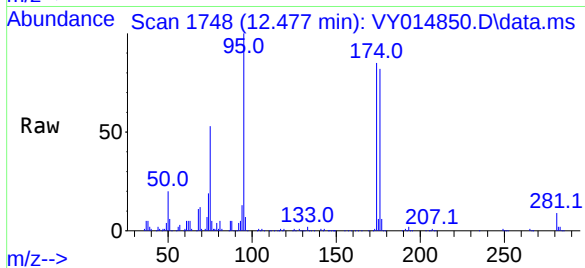




#62
4-Bromofluorobenzene
Concen: 48.787 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

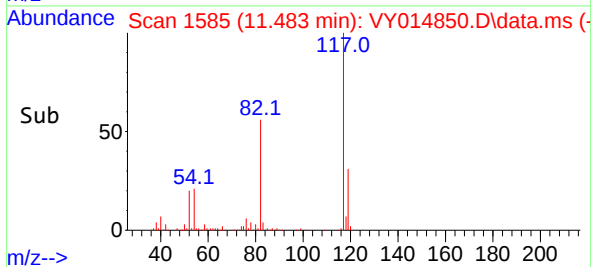
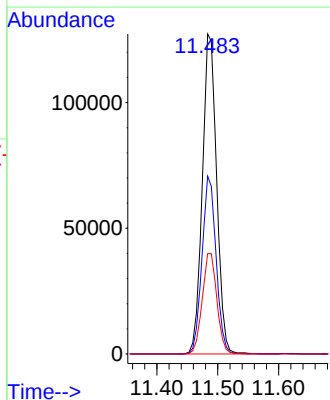
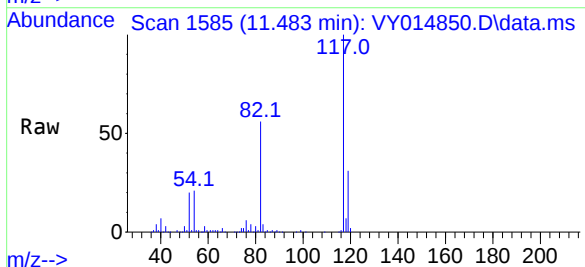
Instrument :
MSVOA_Y
ClientSampleId :
B-P12B

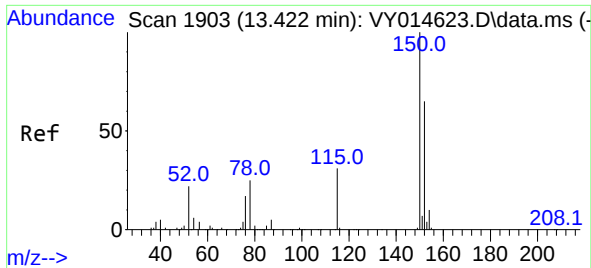
Tgt Ion: 95 Resp: 95345
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 81.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

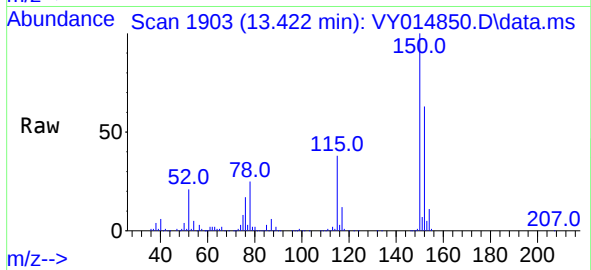
Tgt Ion: 117 Resp: 207807
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 31.4 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :
B-P12B



Tgt Ion:152 Resp: 98393
Ion Ratio Lower Upper
152 100
115 60.6 28.8 86.5
150 157.1 0.0 348.8

