

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014772.D
 Acq On : 24 Jul 2023 15:07
 Operator : SY/MD
 Sample : 03706-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P20A

Quant Time: Jul 24 15:16:56 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)

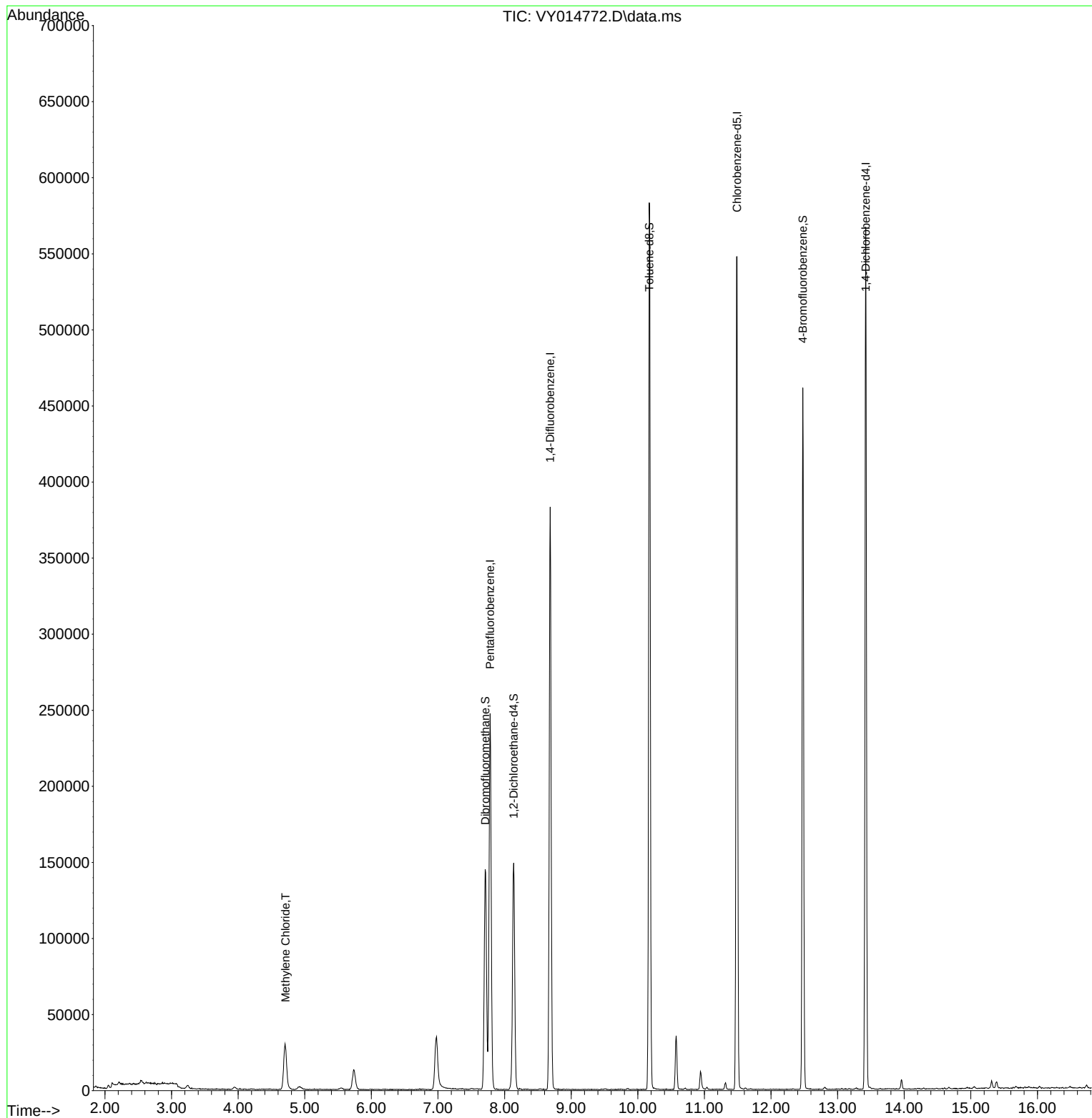
Internal Standards						
1) Pentafluorobenzene	7.783	168	187432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115594	54.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.240%	
35) Dibromofluoromethane	7.709	113	104388	49.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.740%	
50) Toluene-d8	10.172	98	387852	50.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.477	95	141010	47.656	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.320%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	22964	6.795	ug/l #	86

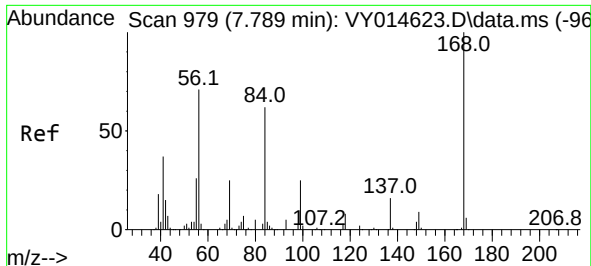
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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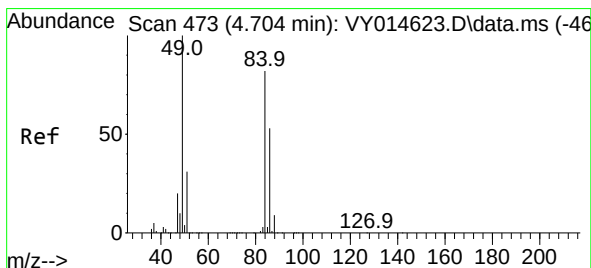
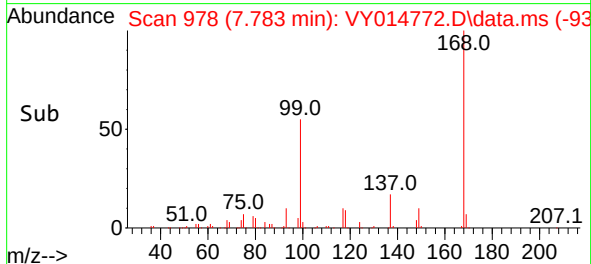
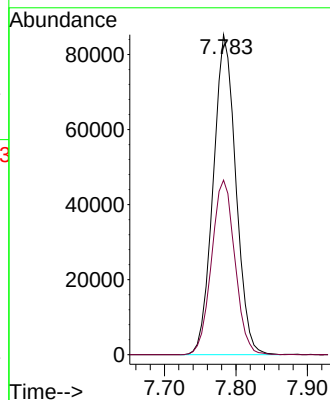
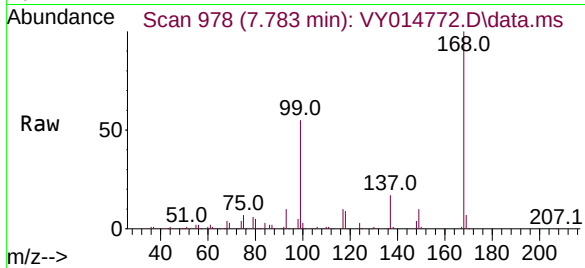




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014772.D
Acq: 24 Jul 2023 15:07

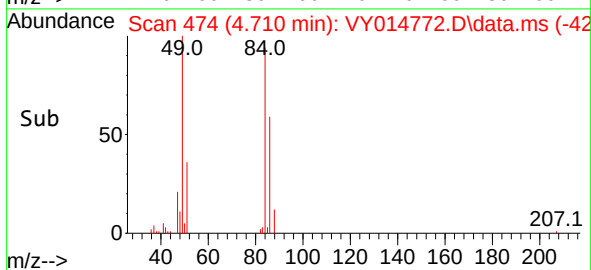
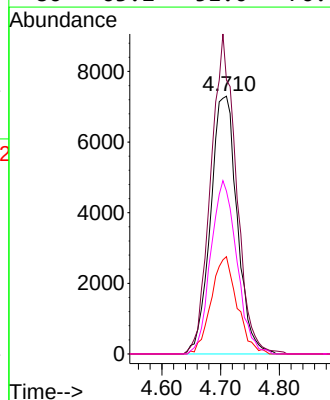
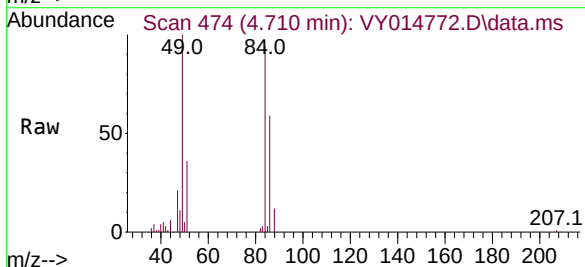
Instrument :
MSVOA_Y
ClientSampleId :
B-P20A

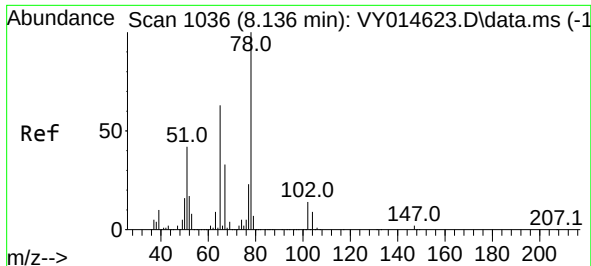
Tgt Ion:168 Resp: 187432
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#20
Methylene Chloride
Concen: 6.795 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014772.D
Acq: 24 Jul 2023 15:07

Tgt Ion: 84 Resp: 22964
Ion Ratio Lower Upper
84 100
49 106.3 106.9 160.3#
51 37.8 33.2 49.8
86 63.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.121 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014772.D

Acq: 24 Jul 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

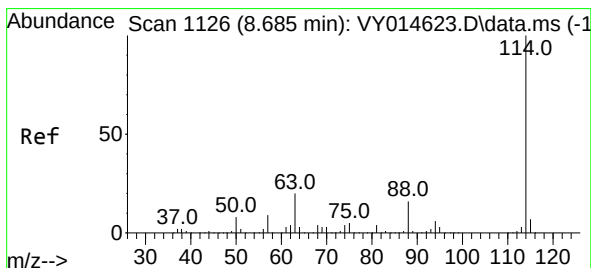
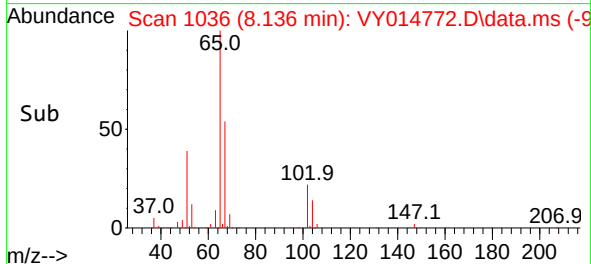
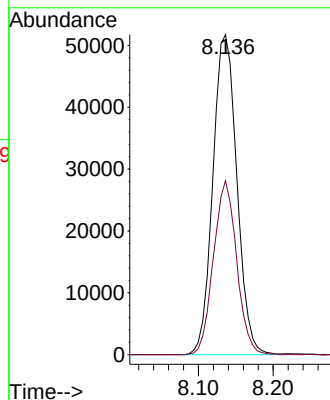
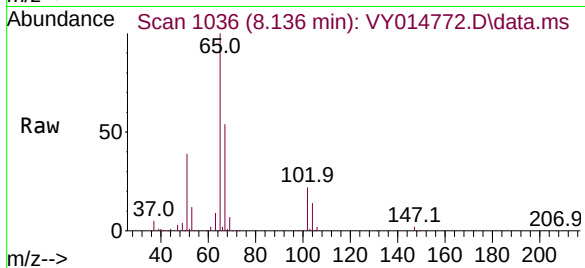
B-P20A

Tgt Ion: 65 Resp: 115594

Ion Ratio Lower Upper

65 100

67 52.5 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: VY014772.D

Acq: 24 Jul 2023 15:07

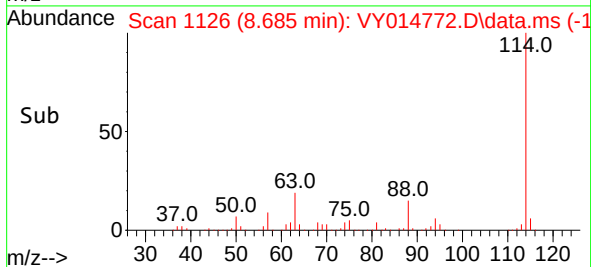
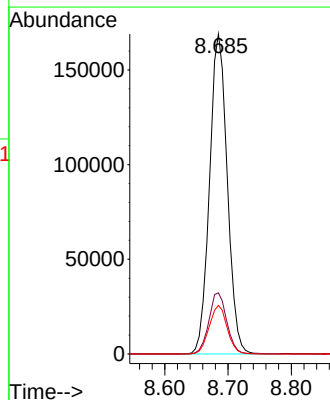
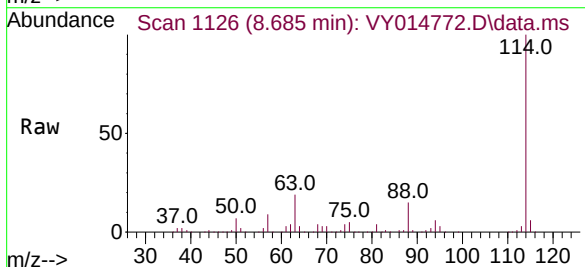
Tgt Ion: 114 Resp: 328805

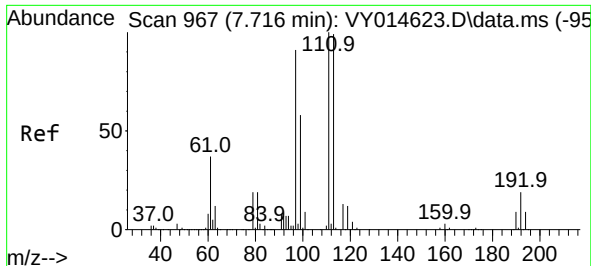
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.1 0.0 30.6

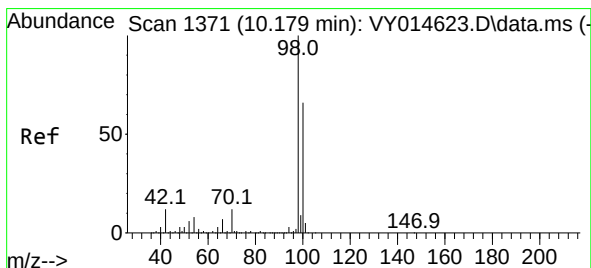
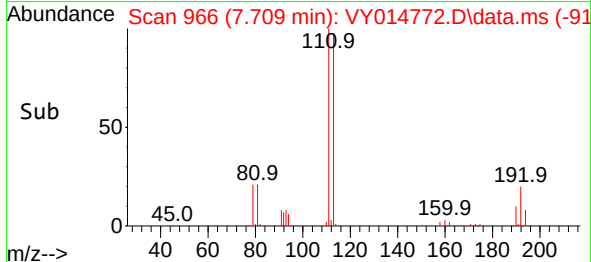
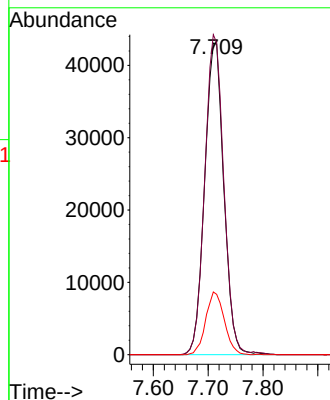
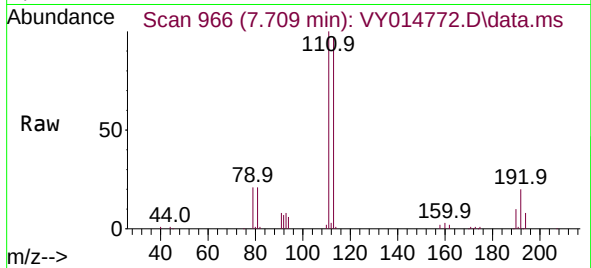




#35
Dibromofluoromethane
Concen: 49.873 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014772.D
Acq: 24 Jul 2023 15:07

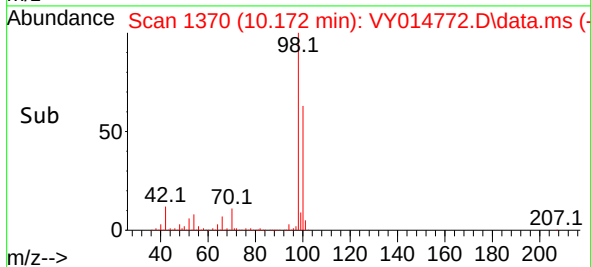
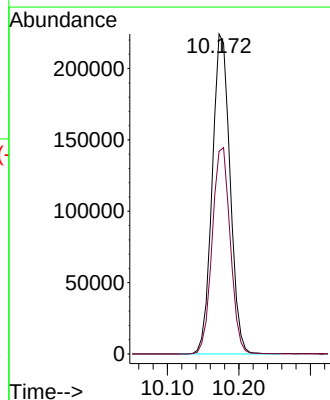
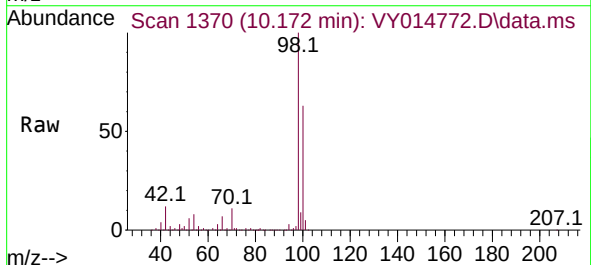
Instrument :
MSVOA_Y
ClientSampleId :
B-P20A

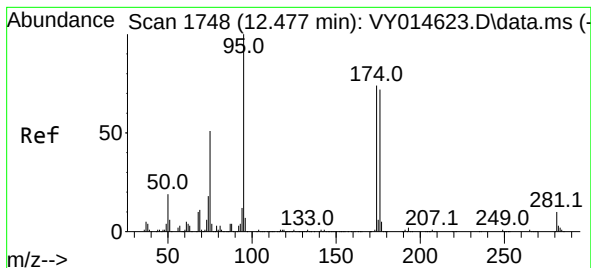
Tgt Ion:113 Resp: 104388
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 50.261 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY014772.D
Acq: 24 Jul 2023 15:07

Tgt Ion: 98 Resp: 387852
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

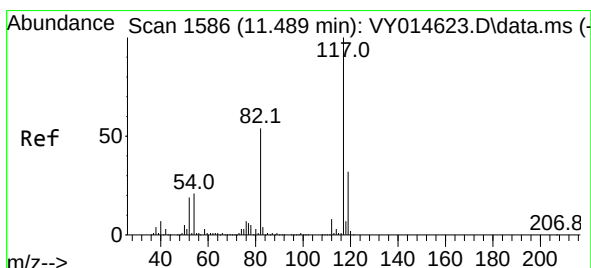
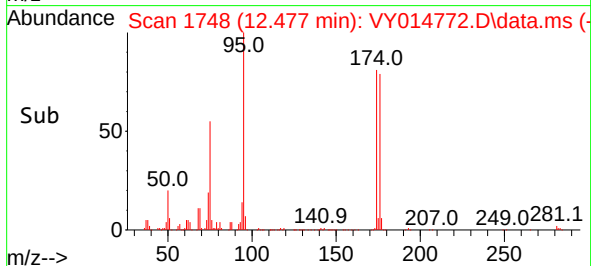
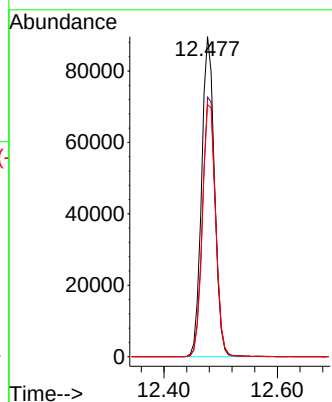
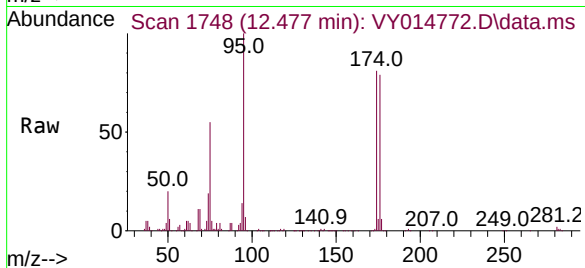




#62
4-Bromofluorobenzene
Concen: 47.656 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014772.D
Acq: 24 Jul 2023 15:07

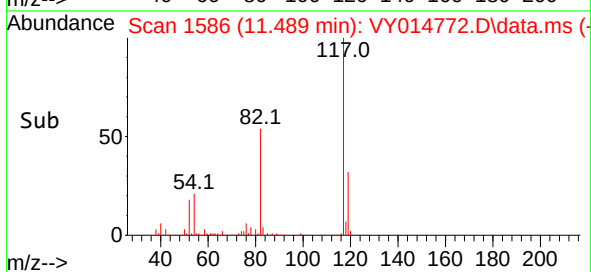
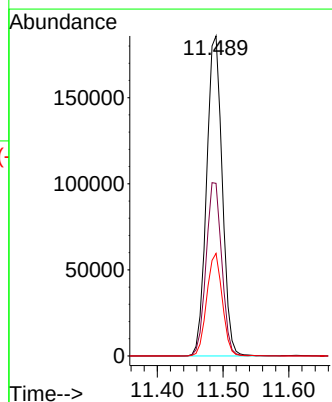
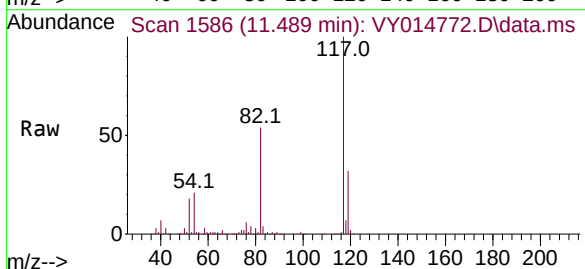
Instrument :
MSVOA_Y
ClientSampleId :
B-P20A

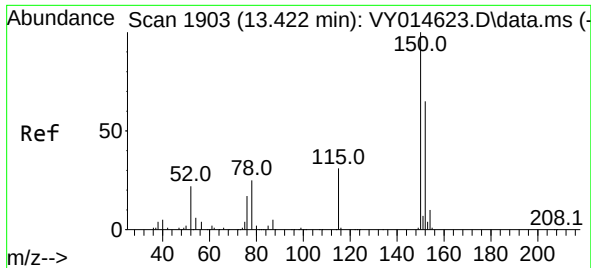
Tgt Ion: 95 Resp: 141010
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 80.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014772.D
Acq: 24 Jul 2023 15:07

Tgt Ion: 117 Resp: 307568
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.0 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: VY014772.D

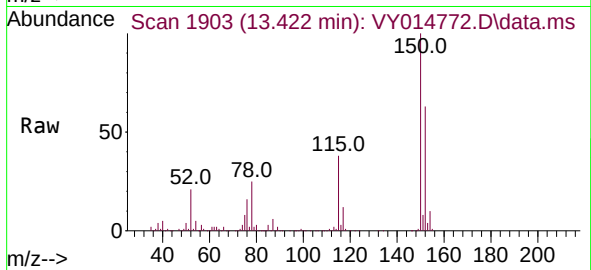
Acq: 24 Jul 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

B-P20A



Tgt Ion:152 Resp: 141469

Ion Ratio Lower Upper

152 100

115 60.2 28.8 86.5

150 157.9 0.0 348.8

