

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014820.D
 Acq On : 25 Jul 2023 23:14
 Operator : SY/MD
 Sample : 03741-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P5A

Quant Time: Jul 26 03:33:17 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)

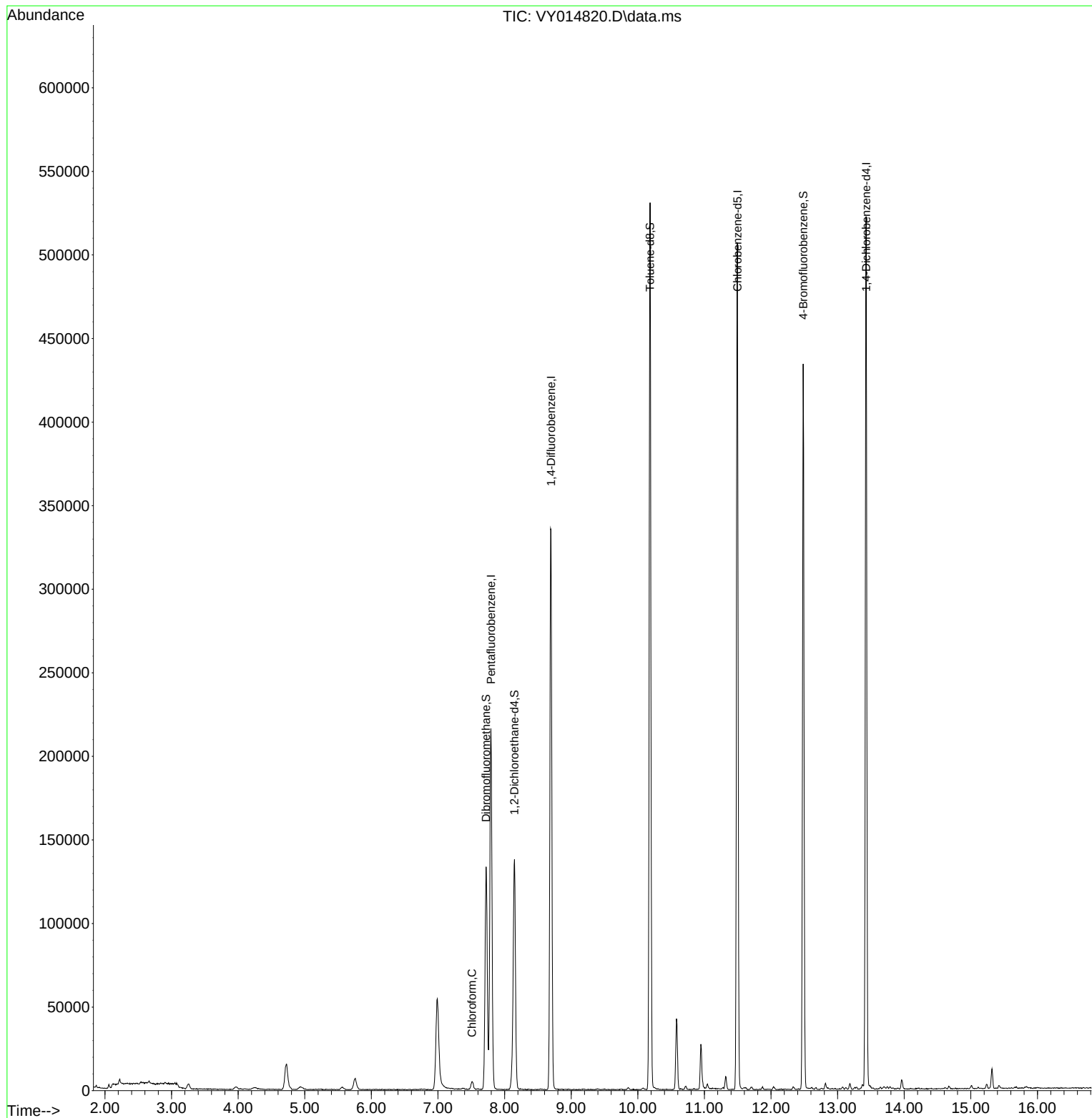
Internal Standards						
1) Pentafluorobenzene	7.795	168	168039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294448	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	278226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105179	54.927	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.860%	
35) Dibromofluoromethane	7.722	113	93568	49.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.840%	
50) Toluene-d8	10.185	98	351364	50.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.483	95	129386	48.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.660%	
Target Compounds						
					Qvalue	
30) Chloroform	7.509	83	4642	1.317	ug/l	89

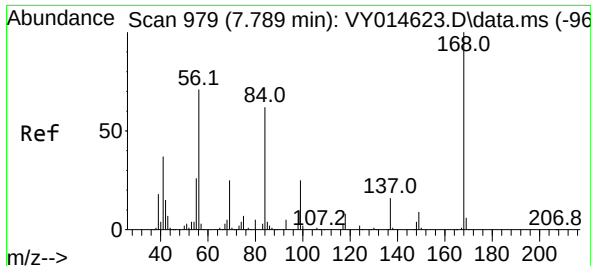
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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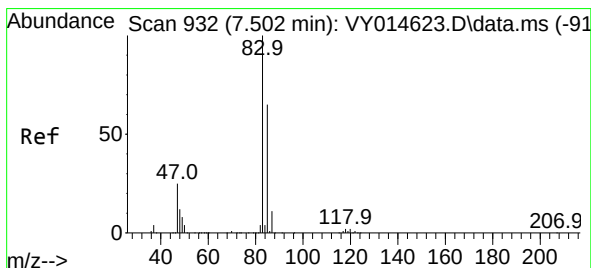
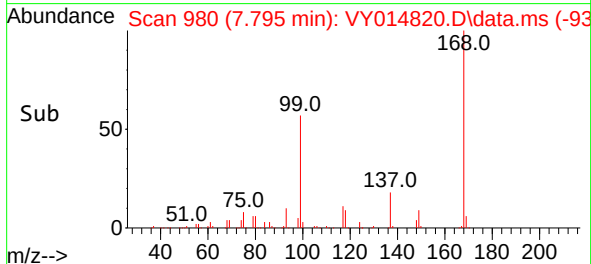
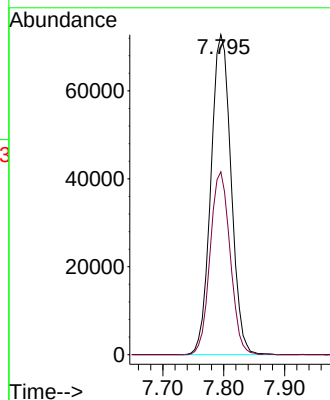
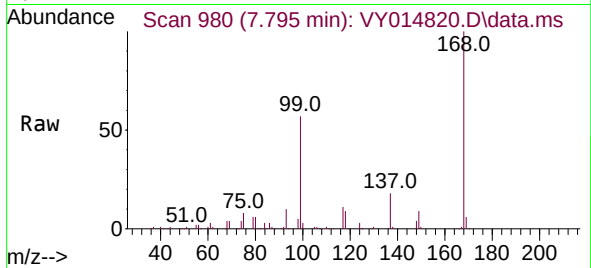




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

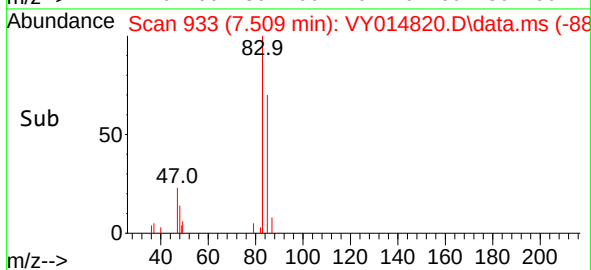
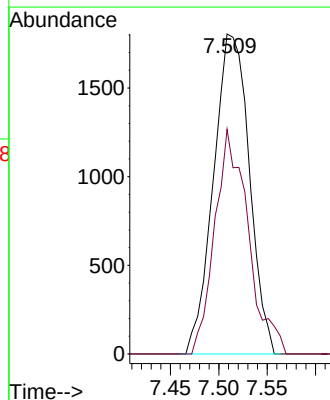
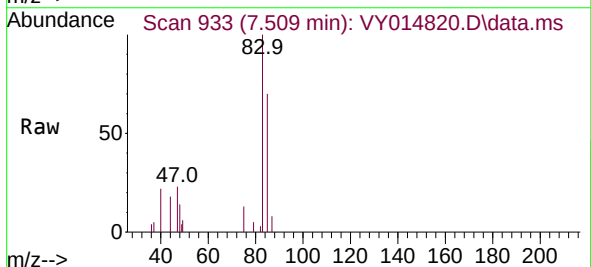
Instrument :
MSVOA_Y
ClientSampleId :
B-P5A

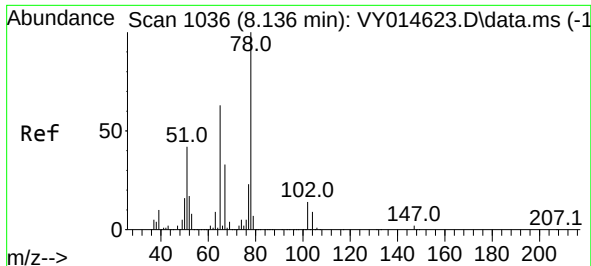
Tgt Ion:168 Resp: 168039
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#30
Chloroform
Concen: 1.317 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

Tgt Ion: 83 Resp: 4642
Ion Ratio Lower Upper
83 100
85 70.2 49.7 74.5





#33

1,2-Dichloroethane-d4

Concen: 54.927 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY014820.D

Acq: 25 Jul 2023 23:14

Instrument :

MSVOA_Y

ClientSampleId :

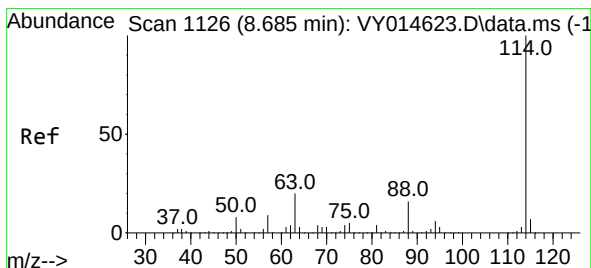
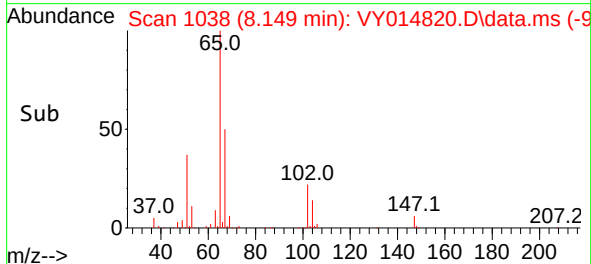
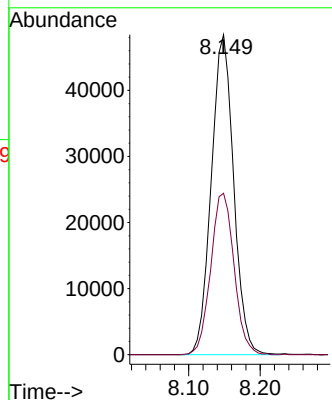
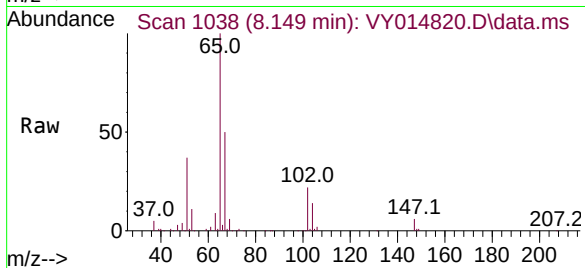
B-P5A

Tgt Ion: 65 Resp: 105179

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014820.D

Acq: 25 Jul 2023 23:14

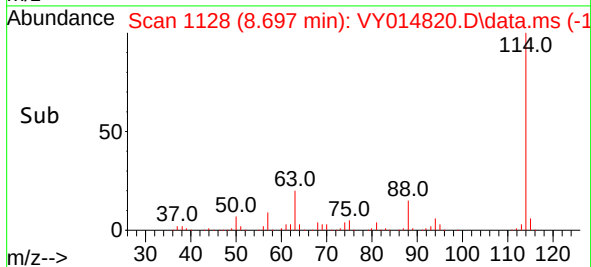
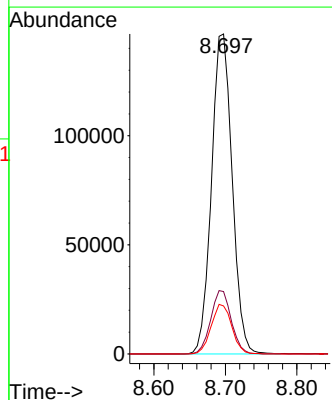
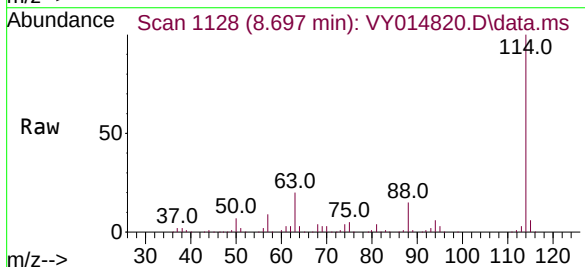
Tgt Ion:114 Resp: 294448

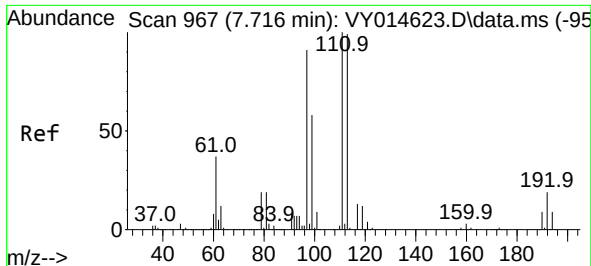
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.919 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY014820.D

Acq: 25 Jul 2023 23:14

Instrument :

MSVOA_Y

ClientSampleId :

B-P5A

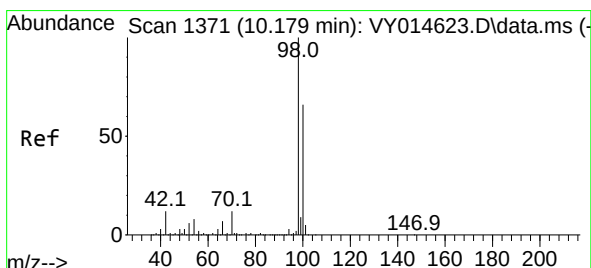
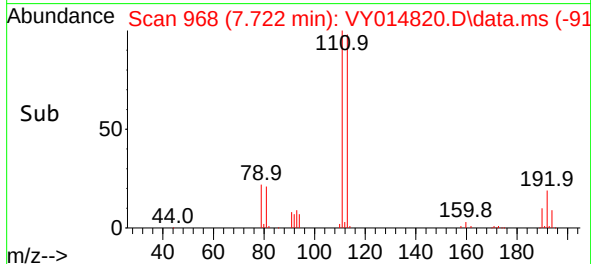
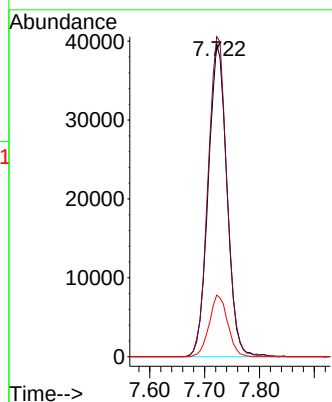
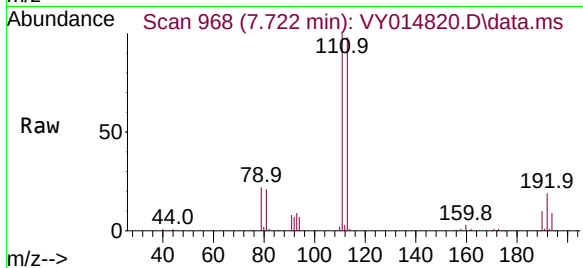
Tgt Ion:113 Resp: 93568

Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.4 16.9 25.3



#50

Toluene-d8

Concen: 50.845 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY014820.D

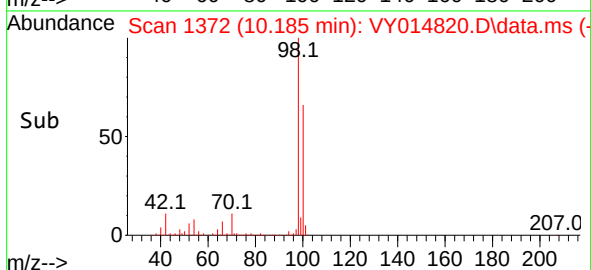
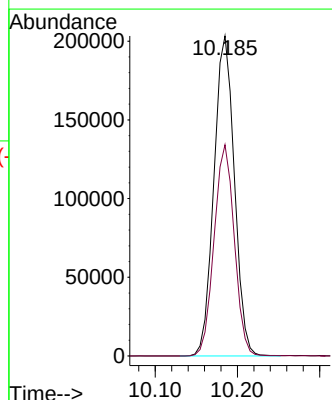
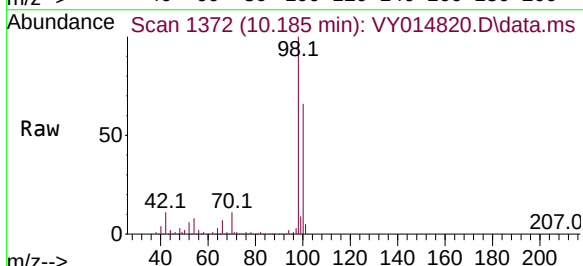
Acq: 25 Jul 2023 23:14

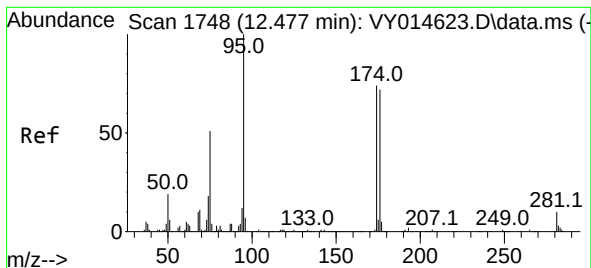
Tgt Ion: 98 Resp: 351364

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

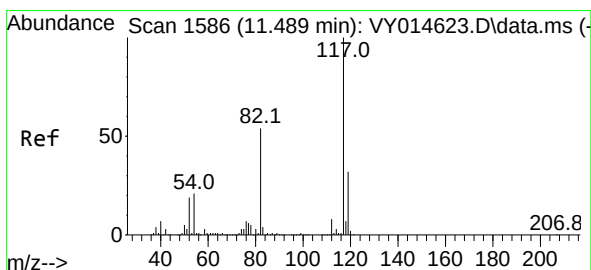
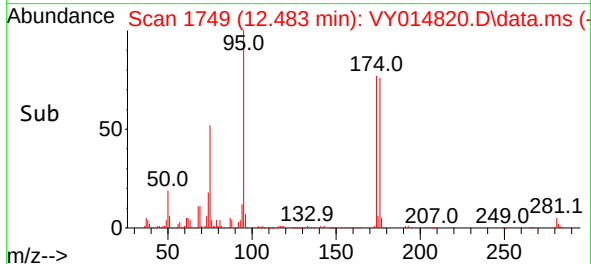
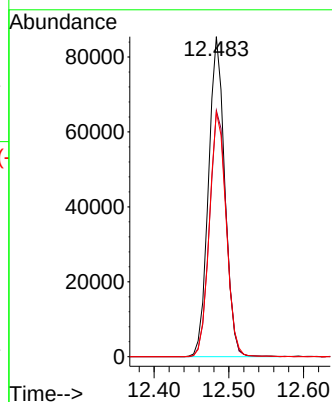
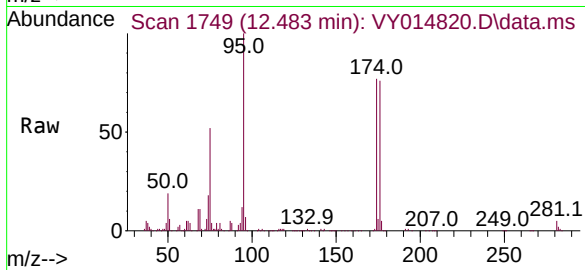




#62
4-Bromofluorobenzene
Concen: 48.830 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

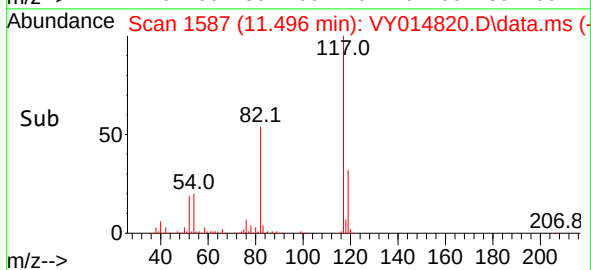
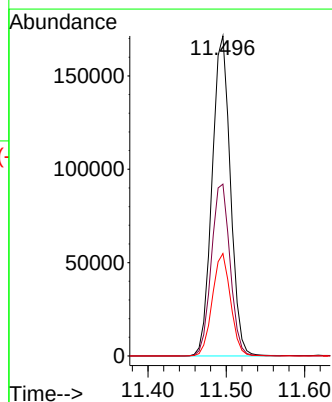
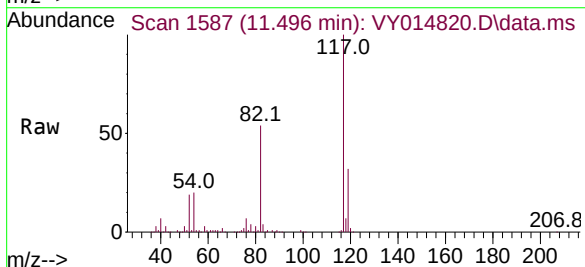
Instrument :
MSVOA_Y
ClientSampleId :
B-P5A

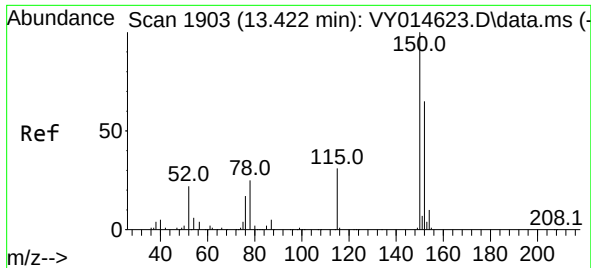
Tgt Ion: 95 Resp: 129386
Ion Ratio Lower Upper
95 100
174 79.3 0.0 178.2
176 78.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014820.D
Acq: 25 Jul 2023 23:14

Tgt Ion: 117 Resp: 278226
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014820.D

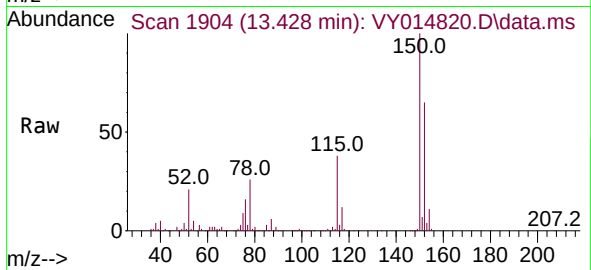
Acq: 25 Jul 2023 23:14

Instrument :

MSVOA_Y

ClientSampleId :

B-P5A



Tgt Ion:152 Resp: 133142

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 155.3 0.0 348.8

