

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014803.D
 Acq On : 25 Jul 2023 15:46
 Operator : SY/MD
 Sample : 03742-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P33A

Quant Time: Jul 26 01:19:30 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)

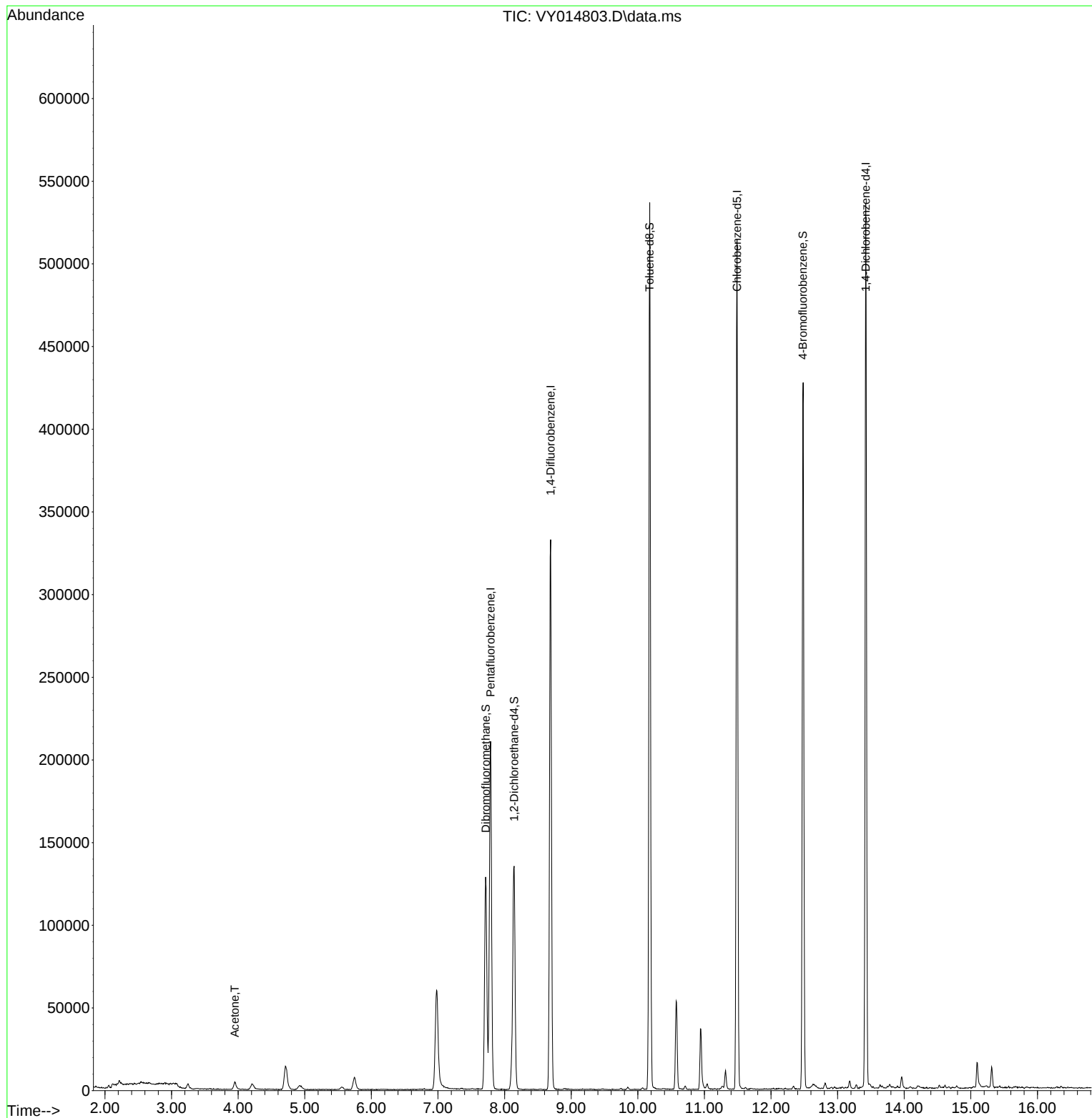
Internal Standards						
1) Pentafluorobenzene	7.789	168	163641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104263	55.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.820%
35) Dibromofluoromethane	7.716	113	91992	49.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.179	98	343397	50.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.477	95	128137	49.100	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.200%
Target Compounds						
16) Acetone	3.948	43	7331	12.406	ug/l	Qvalue # 75

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

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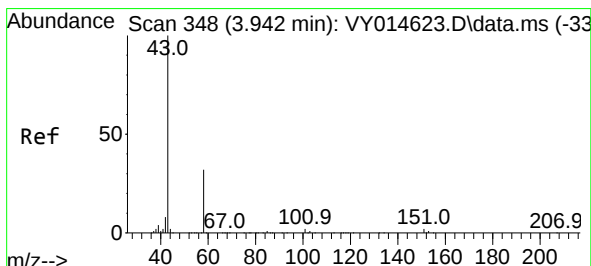
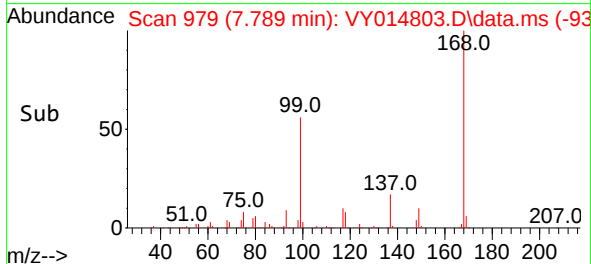
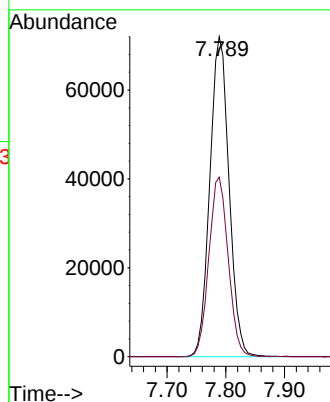
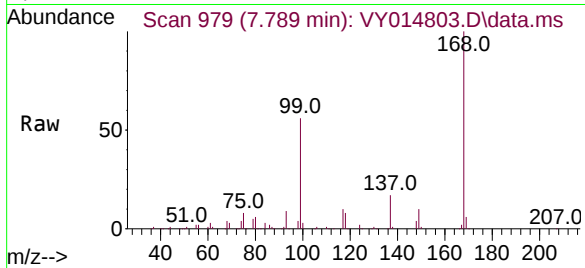




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014803.D
Acq: 25 Jul 2023 15:46

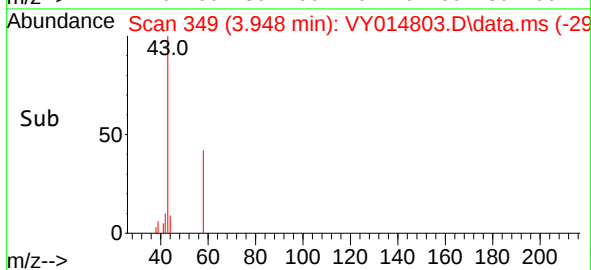
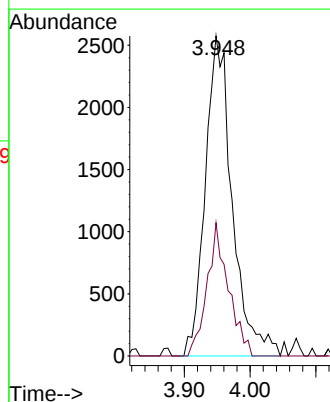
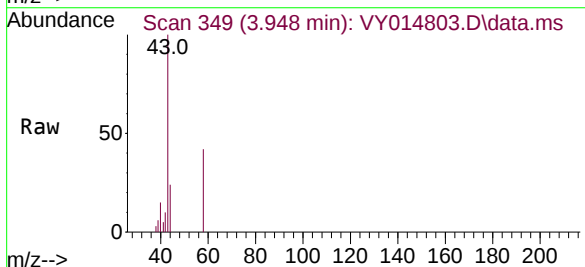
Instrument :
MSVOA_Y
ClientSampleId :
B-P33A

Tgt Ion:168 Resp: 163641
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#16
Acetone
Concen: 12.406 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014803.D
Acq: 25 Jul 2023 15:46

Tgt Ion: 43 Resp: 7331
Ion Ratio Lower Upper
43 100
58 41.6 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 55.912 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014803.D

Acq: 25 Jul 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

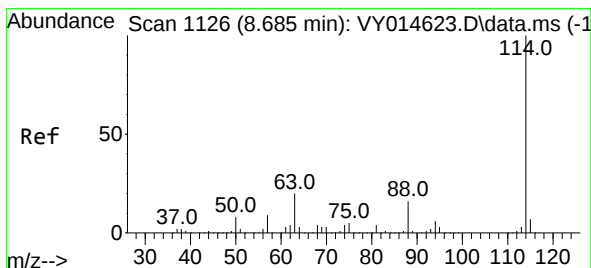
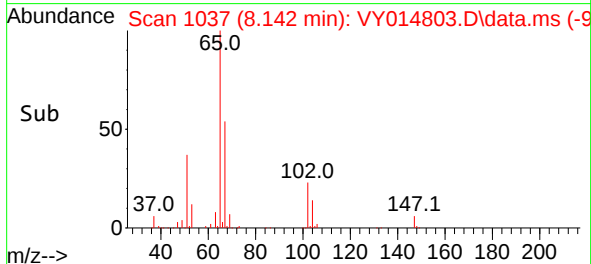
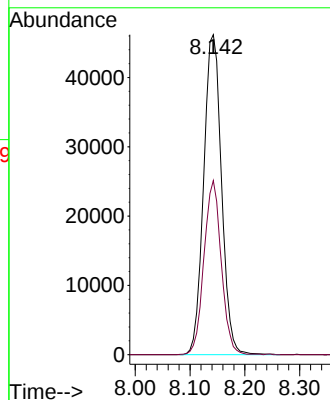
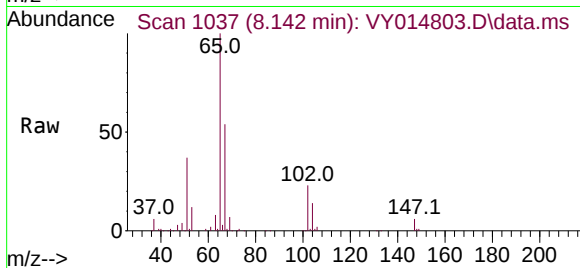
B-P33A

Tgt Ion: 65 Resp: 104263

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014803.D

Acq: 25 Jul 2023 15:46

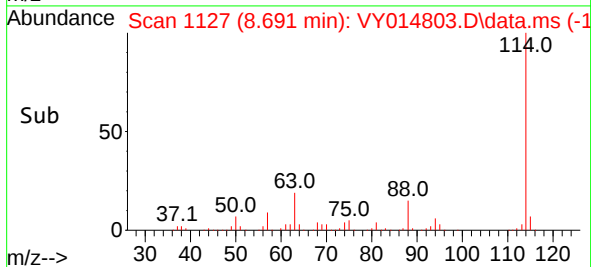
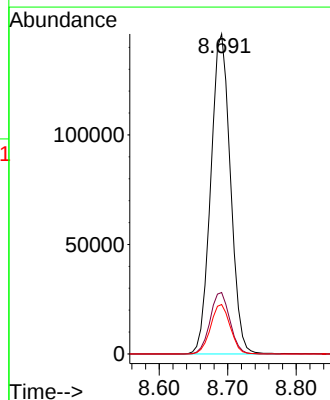
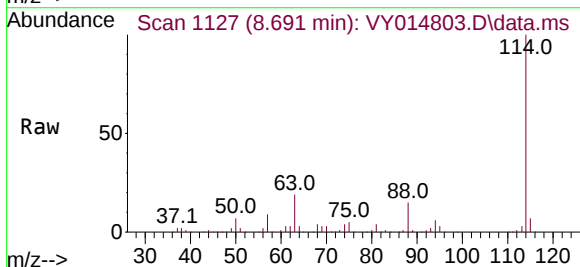
Tgt Ion: 114 Resp: 290000

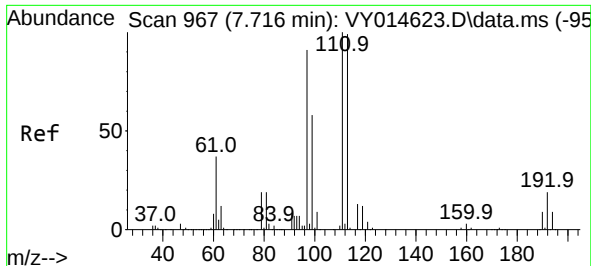
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.5 0.0 30.6

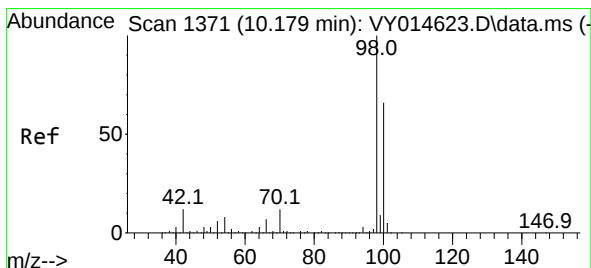
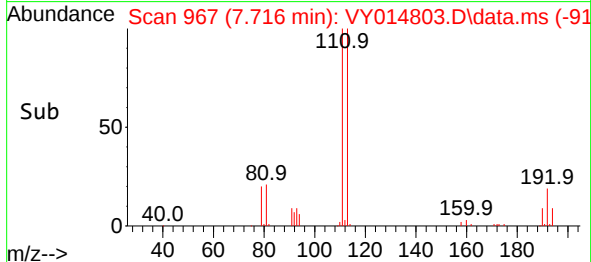
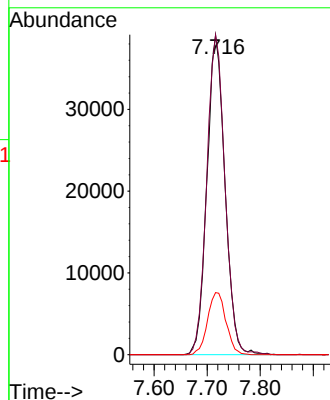
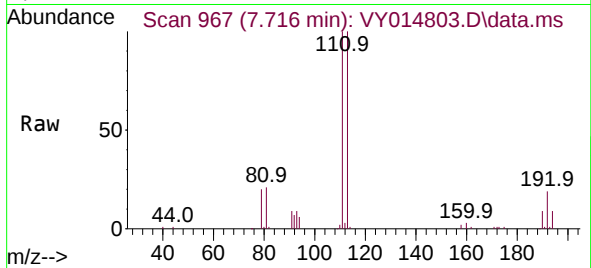




#35
Dibromofluoromethane
Concen: 49.831 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014803.D
Acq: 25 Jul 2023 15:46

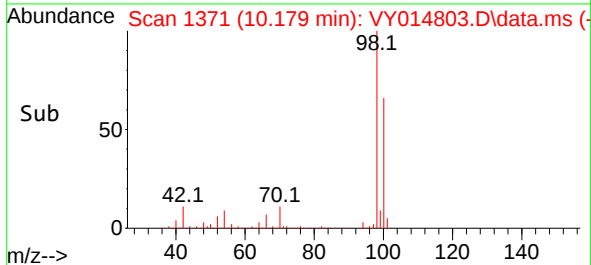
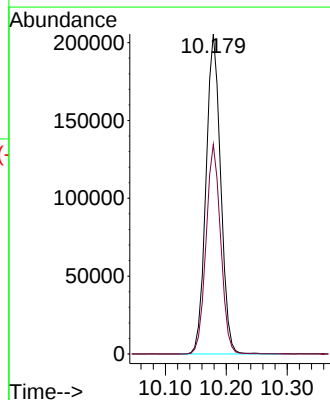
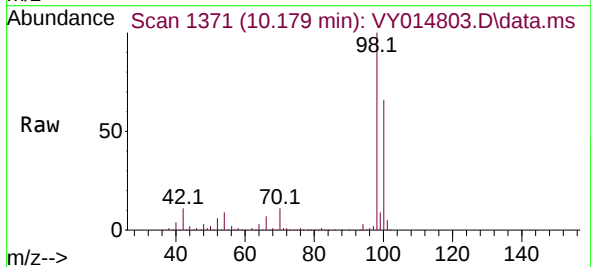
Instrument :
MSVOA_Y
ClientSampleId :
B-P33A

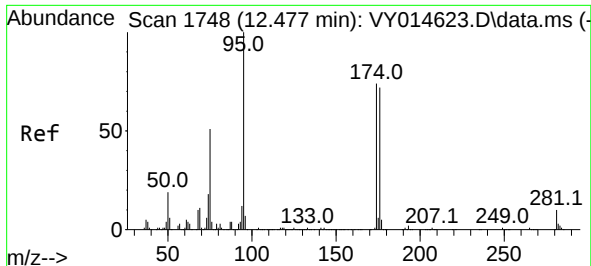
Tgt Ion:113 Resp: 91992
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 50.455 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014803.D
Acq: 25 Jul 2023 15:46

Tgt Ion: 98 Resp: 343397
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

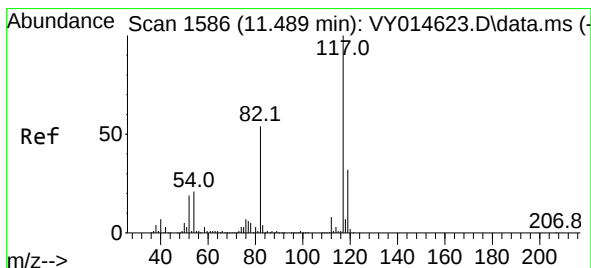
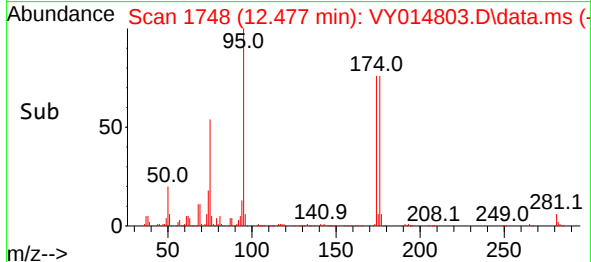
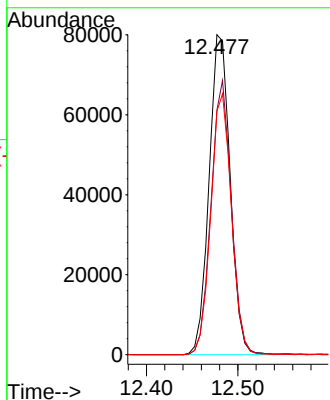
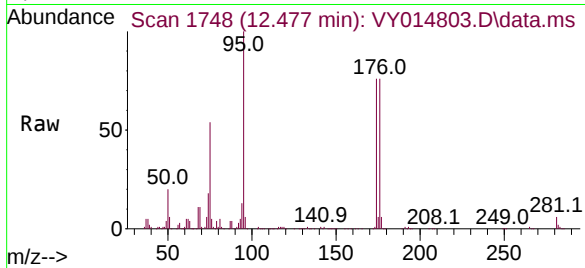




#62
4-Bromofluorobenzene
Concen: 49.100 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014803.D
Acq: 25 Jul 2023 15:46

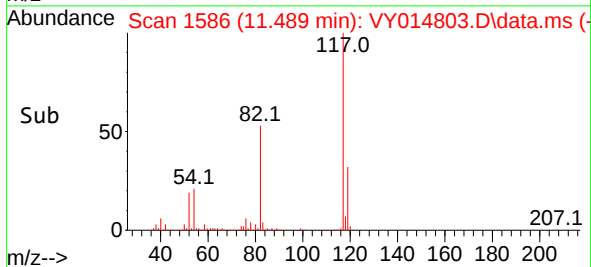
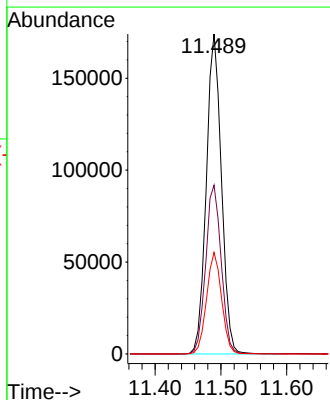
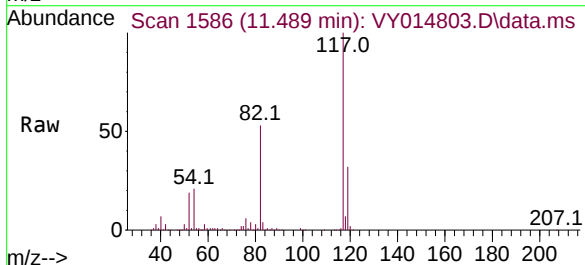
Instrument :
MSVOA_Y
ClientSampleId :
B-P33A

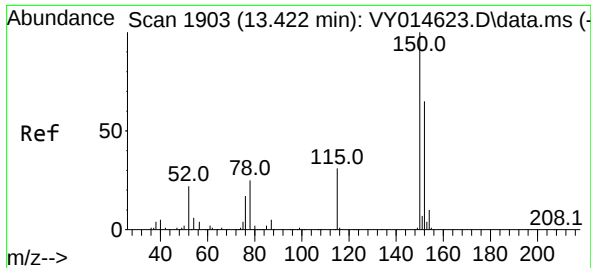
Tgt Ion: 95 Resp: 128137
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 79.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014803.D
Acq: 25 Jul 2023 15:46

Tgt Ion: 117 Resp: 278227
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.8 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: VY014803.D
 Acq: 25 Jul 2023 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P33A

Tgt Ion:152 Resp: 131297
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.8 86.5
 150 158.4 0.0 348.8

