

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013118.D
 Acq On : 28 Mar 2023 15:47
 Operator : KP/MD
 Sample : 02111-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-NORTH

Quant Time: Mar 29 02:30:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	40138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27294	68.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.980%
35) Dibromofluoromethane	7.716	113	23890	62.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.200%
50) Toluene-d8	10.179	98	76694	54.972	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.940%
62) 4-Bromofluorobenzene	12.483	95	22110	46.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.900%

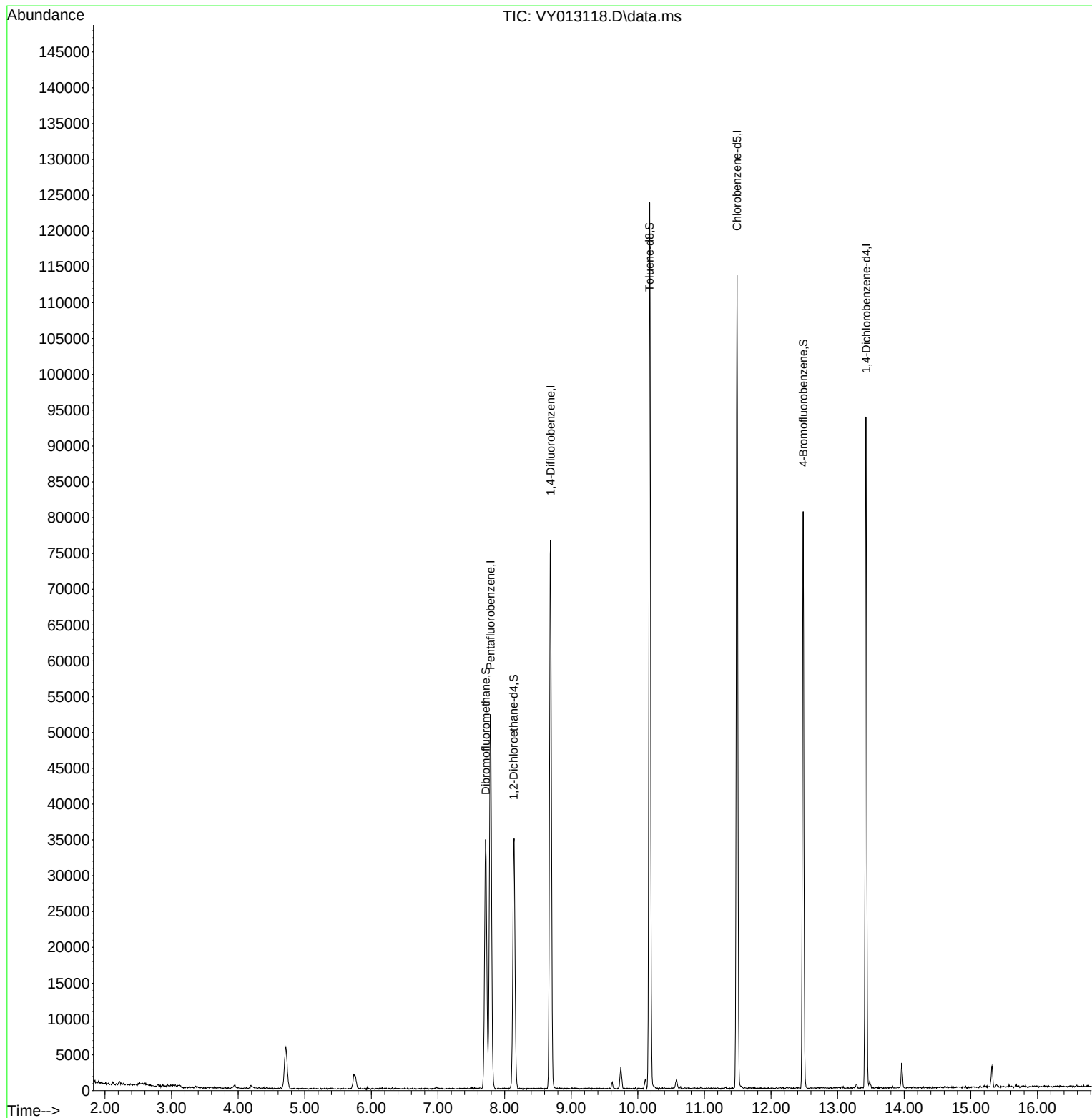
Target Compounds	Qvalue

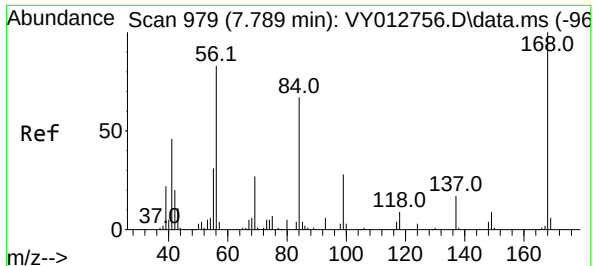
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
Data File : VY013118.D
Acq On : 28 Mar 2023 15:47
Operator : KP/MD
Sample : 02111-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
APCS-NORTH

Quant Time: Mar 29 02:30:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

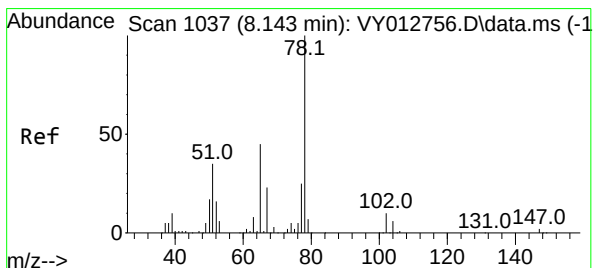
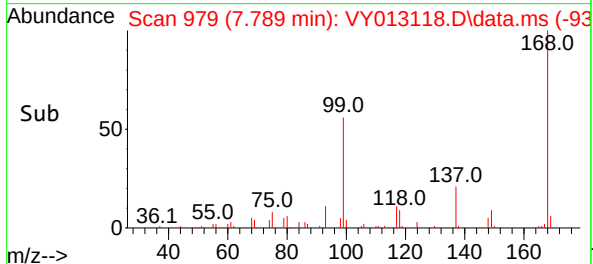
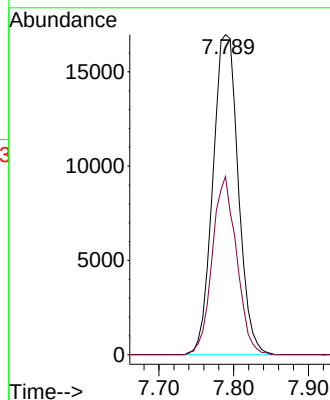
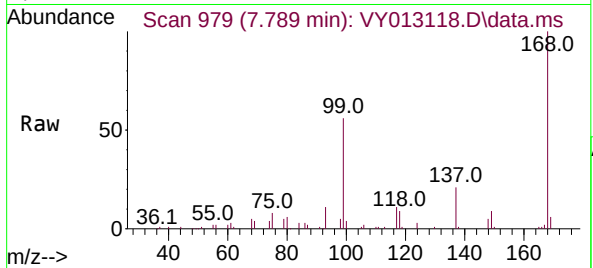




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013118.D
Acq: 28 Mar 2023 15:47

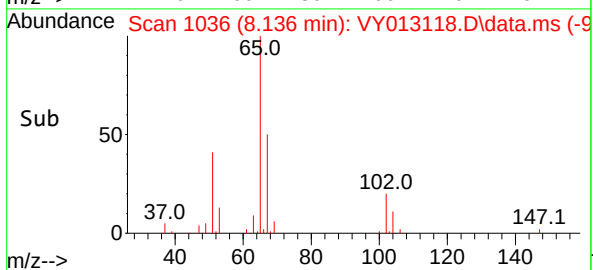
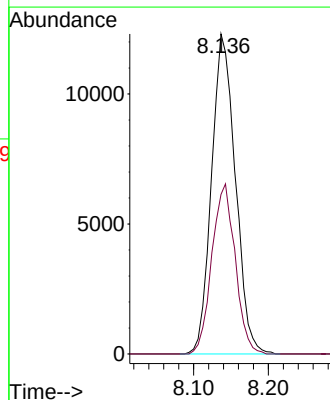
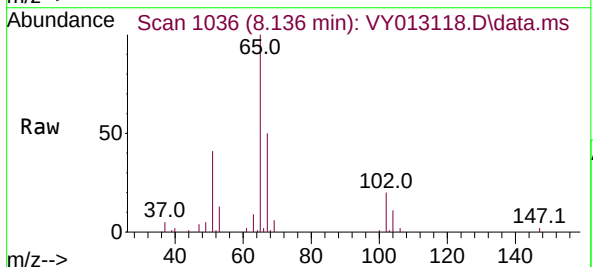
Instrument :
MSVOA_Y
ClientSampleId :
APCS-NORTH

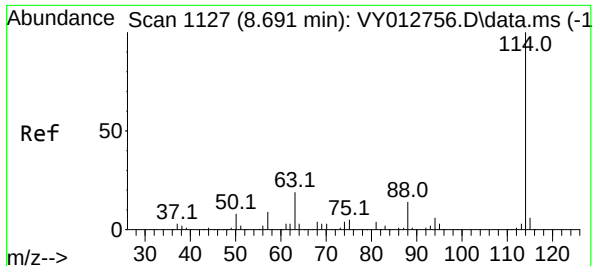
Tgt Ion:168 Resp: 40138
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 68.489 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013118.D
Acq: 28 Mar 2023 15:47

Tgt Ion: 65 Resp: 27294
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013118.D

Acq: 28 Mar 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

APCS-NORTH

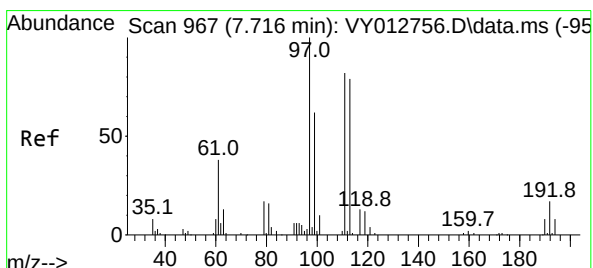
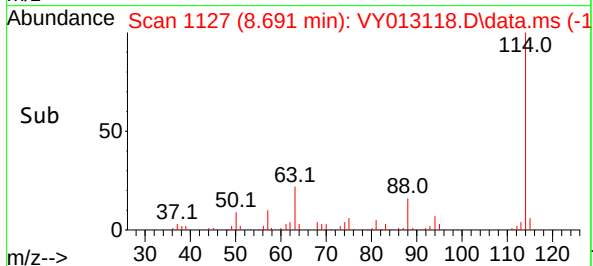
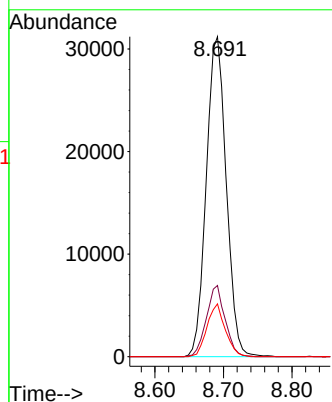
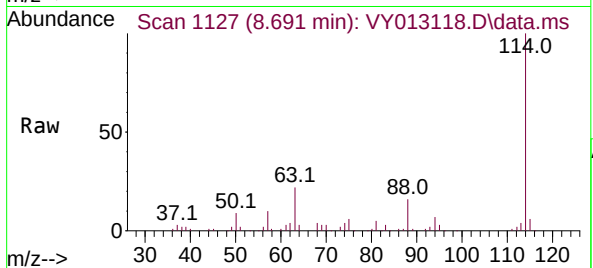
Tgt Ion:114 Resp: 63236

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

88 16.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 62.600 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013118.D

Acq: 28 Mar 2023 15:47

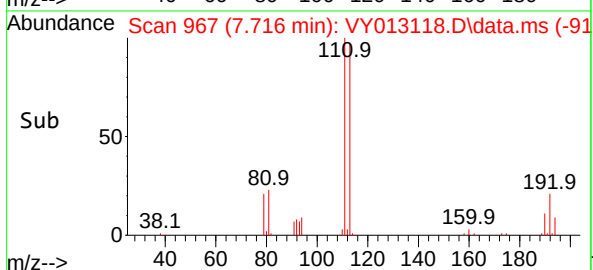
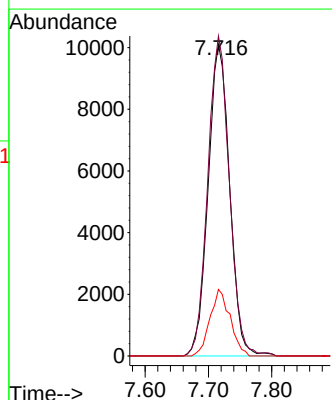
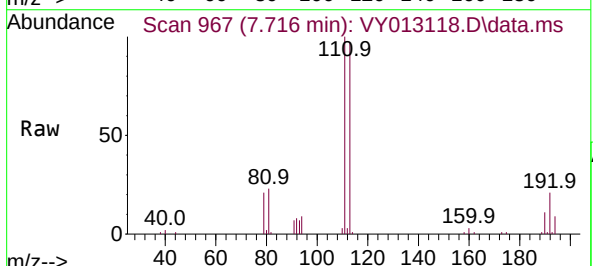
Tgt Ion:113 Resp: 23890

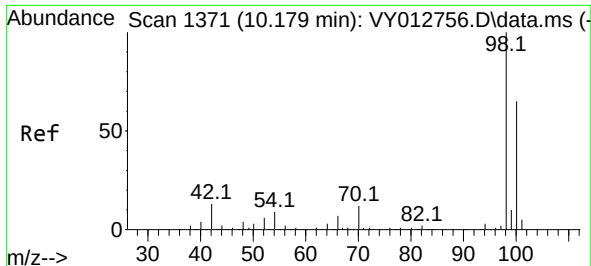
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 20.0 16.8 25.2

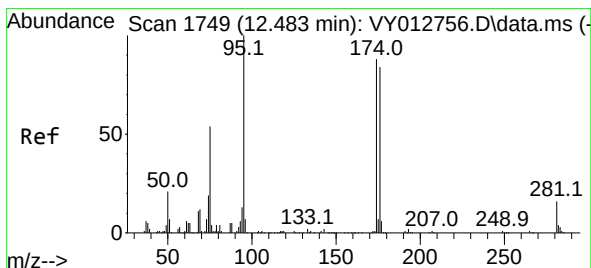
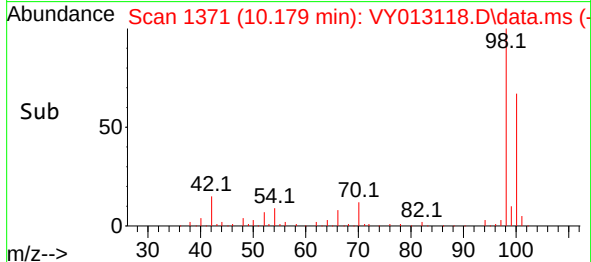
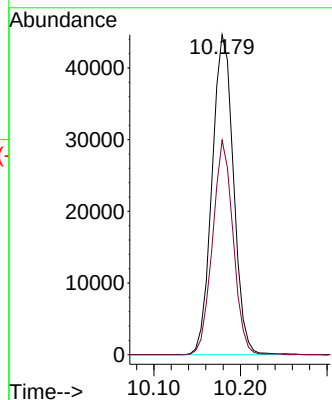
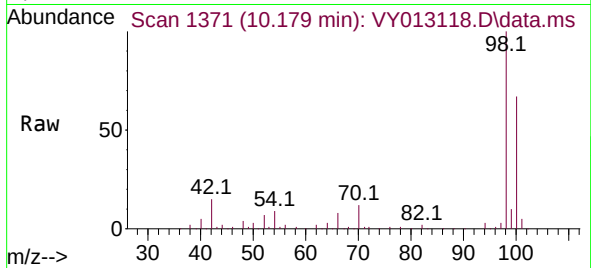




#50
Toluene-d8
Concen: 54.972 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013118.D
Acq: 28 Mar 2023 15:47

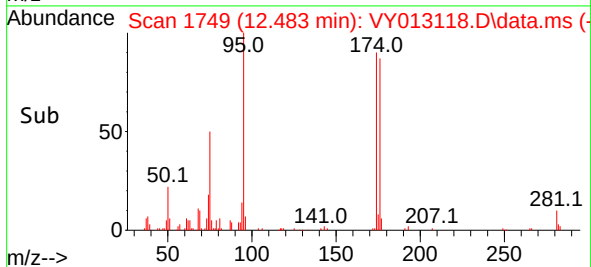
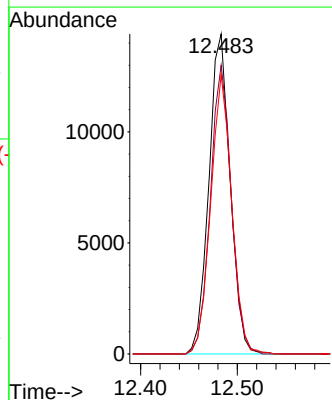
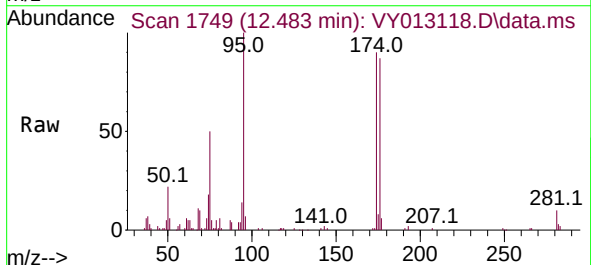
Instrument :
MSVOA_Y
ClientSampleId :
APCS-NORTH

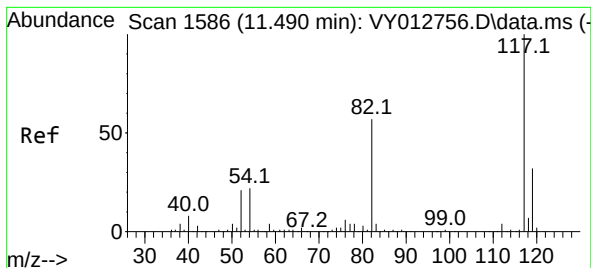
Tgt Ion: 98 Resp: 76694
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.953 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013118.D
Acq: 28 Mar 2023 15:47

Tgt Ion: 95 Resp: 22110
Ion Ratio Lower Upper
95 100
174 88.3 0.0 176.6
176 85.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013118.D

Acq: 28 Mar 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

APCS-NORTH

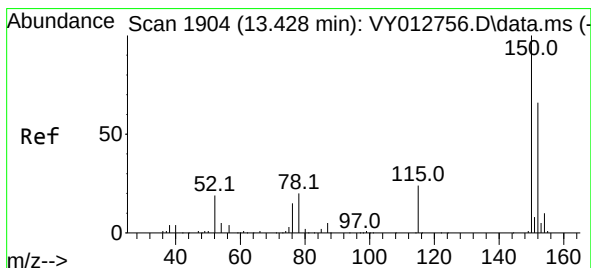
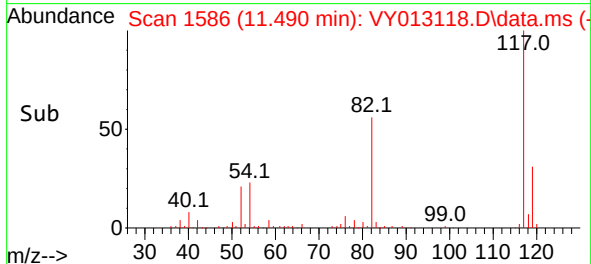
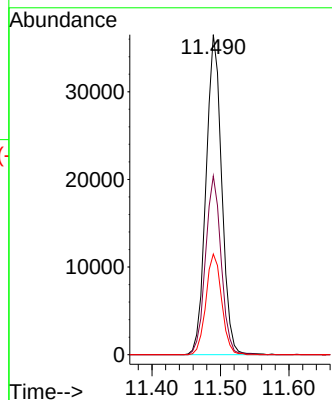
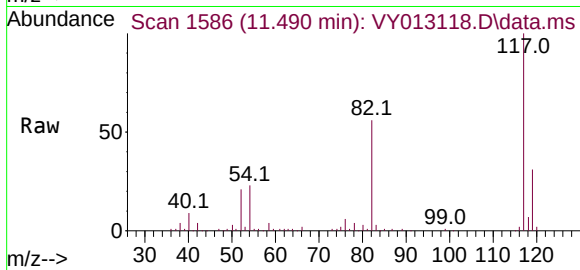
Tgt Ion:117 Resp: 58210

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 31.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013118.D

Acq: 28 Mar 2023 15:47

Tgt Ion:152 Resp: 24527

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.3

150 157.9 0.0 347.8

