

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012883.D
 Acq On : 08 Mar 2023 19:57
 Operator : KP/MD
 Sample : 01829-13
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11-20230306

Quant Time: Mar 09 00:40:20 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	7.795	168	84937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55035	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55012	65.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.460%
35) Dibromofluoromethane	7.716	113	47411	55.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.400%
50) Toluene-d8	10.179	98	170699	54.361	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.483	95	53217	50.212	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.420%

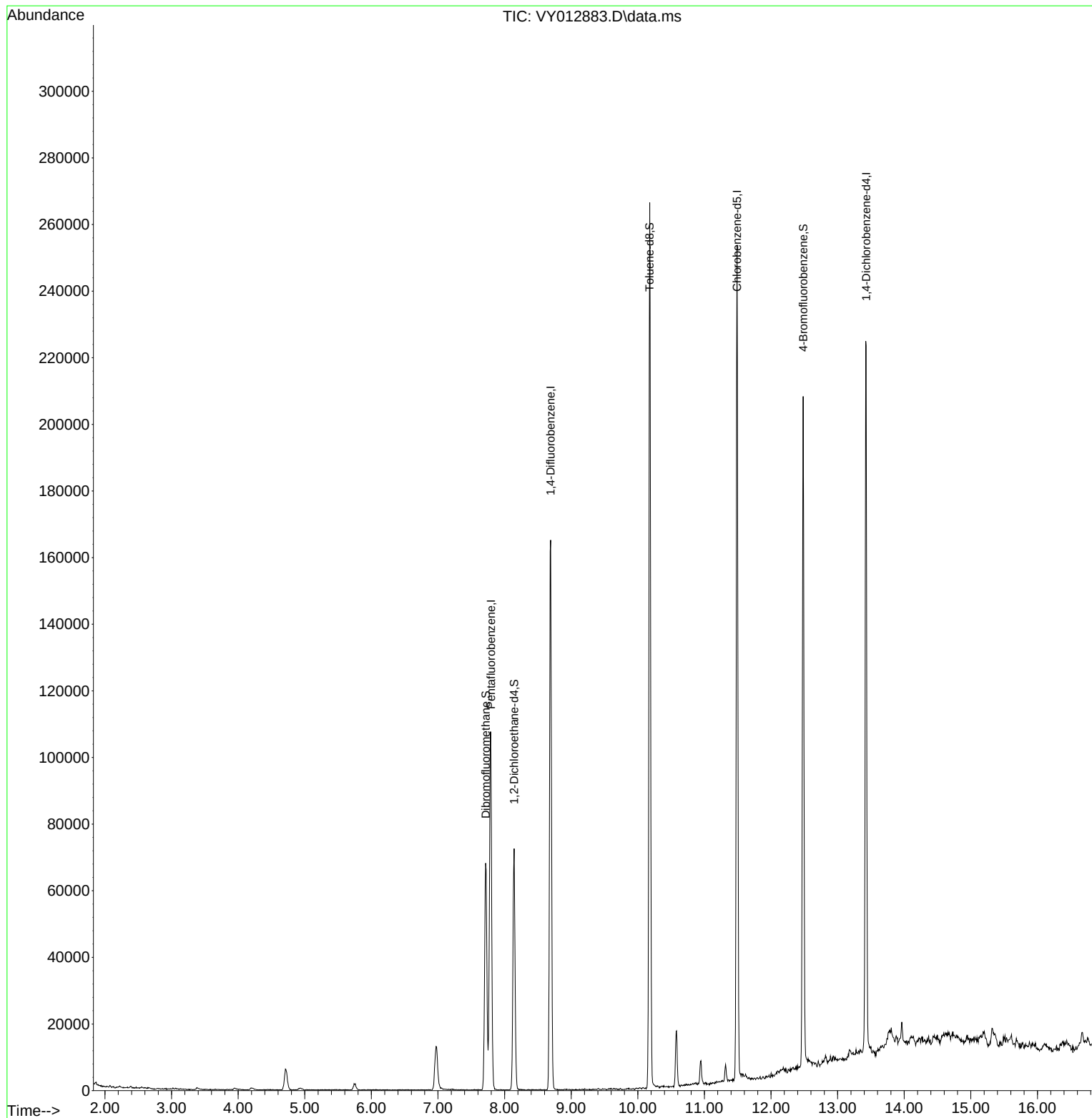
Target Compounds	Qvalue

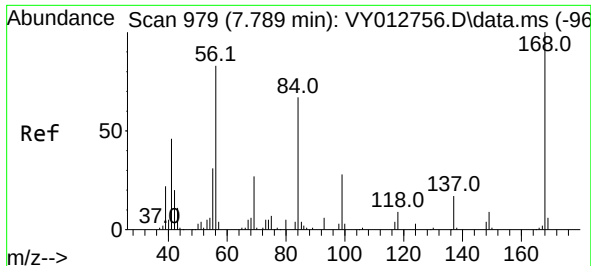
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
Data File : VY012883.D
Acq On : 08 Mar 2023 19:57
Operator : KP/MD
Sample : 01829-13
Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-11-20230306

Quant Time: Mar 09 00:40:20 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

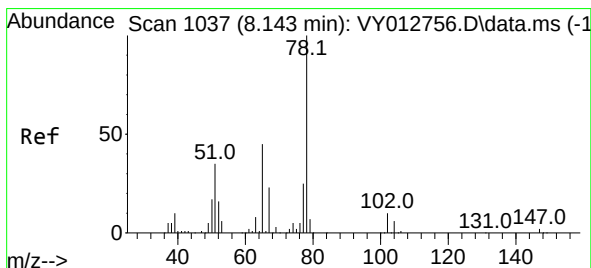
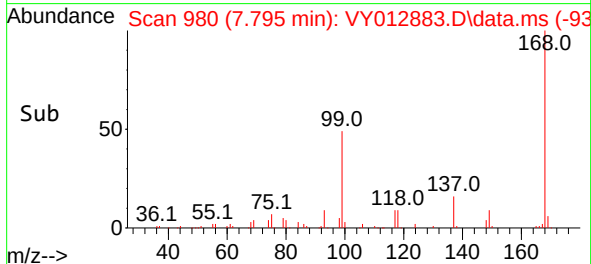
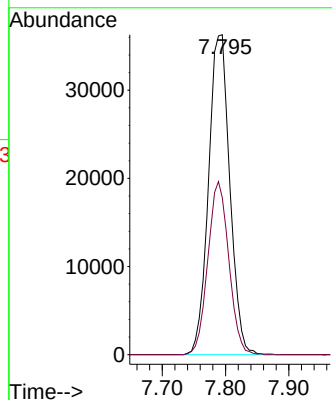
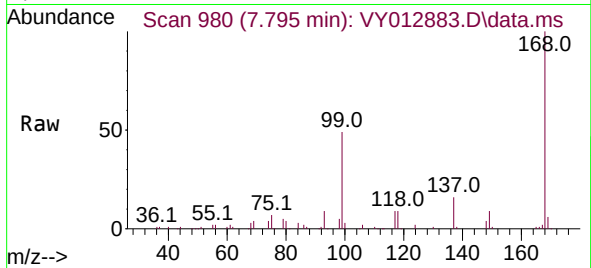




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012883.D
Acq: 08 Mar 2023 19:57

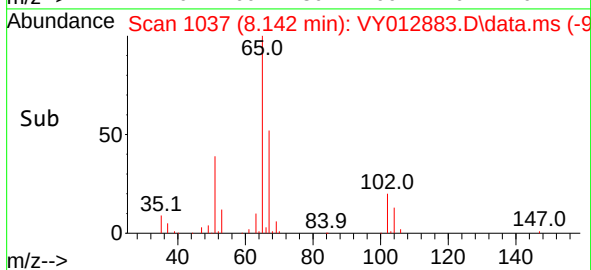
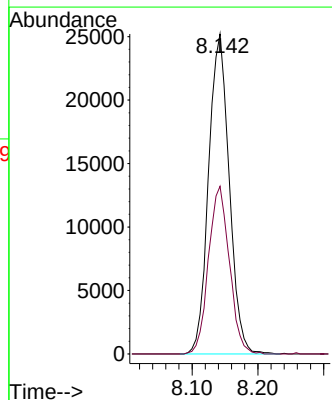
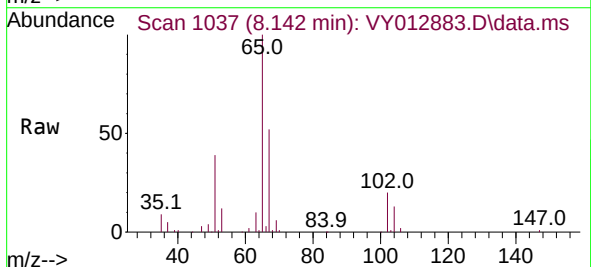
Instrument :
MSVOA_Y
ClientSampleId :
SS-11-20230306

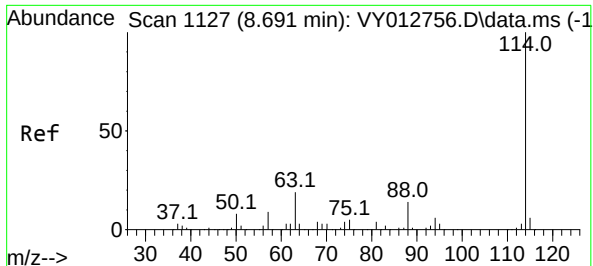
Tgt Ion:168 Resp: 84937
Ion Ratio Lower Upper
168 100
99 49.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.233 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012883.D
Acq: 08 Mar 2023 19:57

Tgt Ion: 65 Resp: 55012
Ion Ratio Lower Upper
65 100
67 53.0 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: VY012883.D

Acq: 08 Mar 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

SS-11-20230306

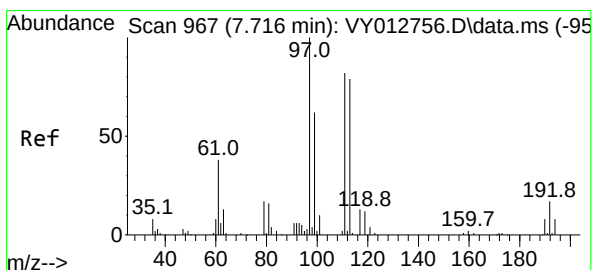
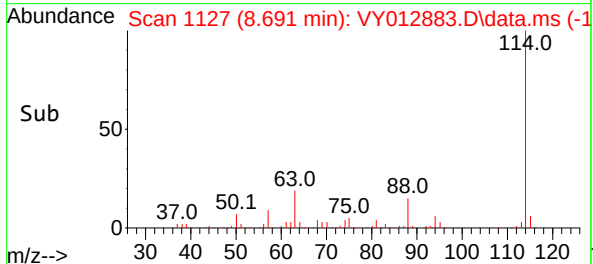
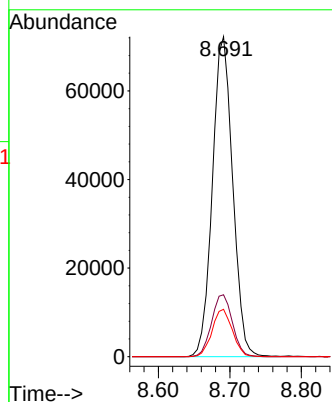
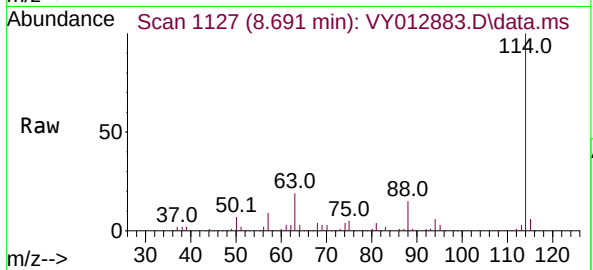
Tgt Ion:114 Resp: 142325

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.198 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012883.D

Acq: 08 Mar 2023 19:57

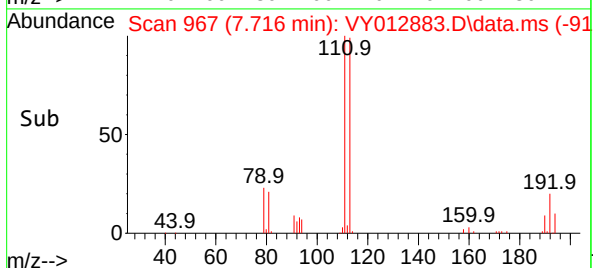
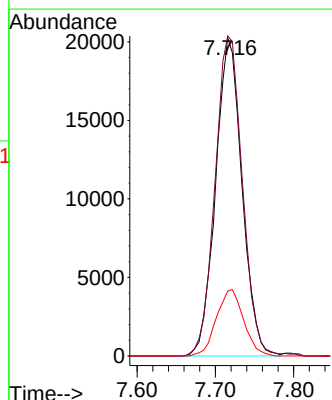
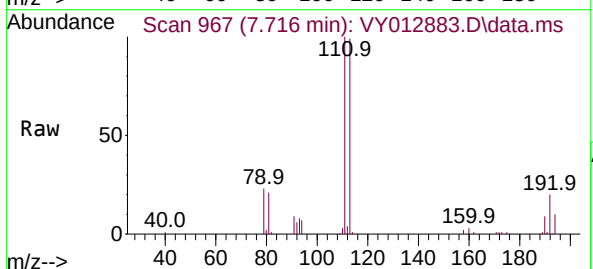
Tgt Ion:113 Resp: 47411

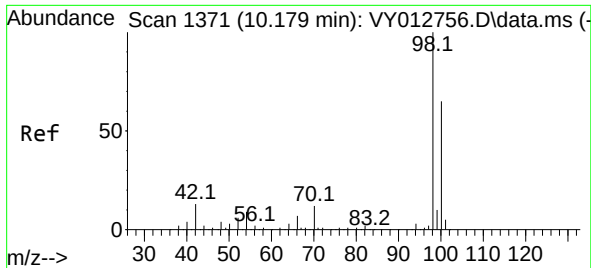
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

192 21.5 16.8 25.2

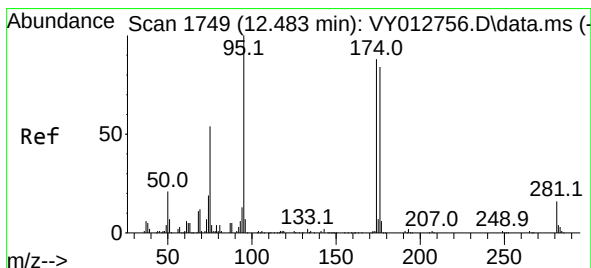
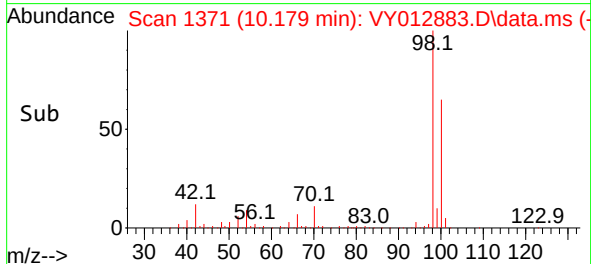
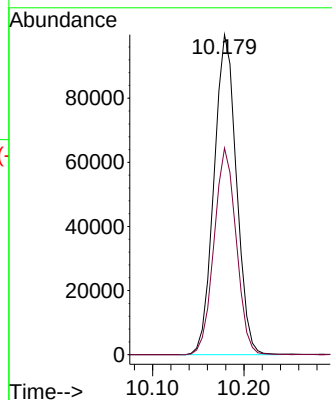
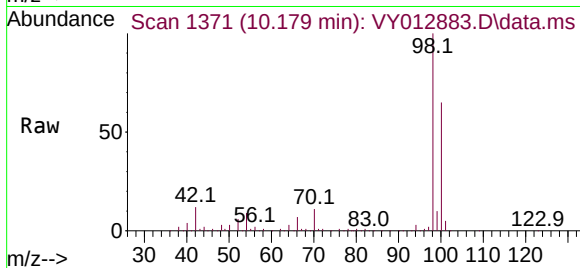




#50
Toluene-d8
Concen: 54.361 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012883.D
Acq: 08 Mar 2023 19:57

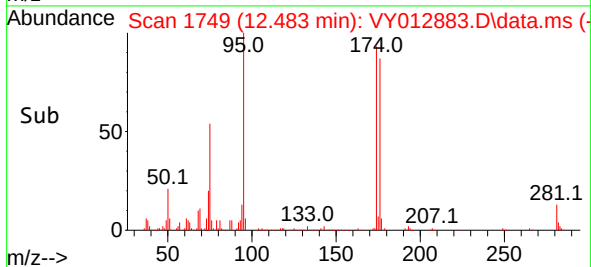
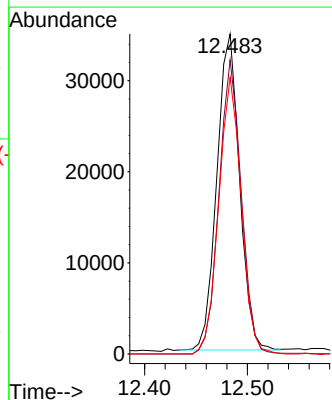
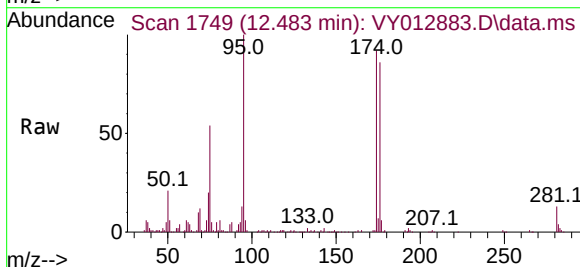
Instrument :
MSVOA_Y
ClientSampleId :
SS-11-20230306

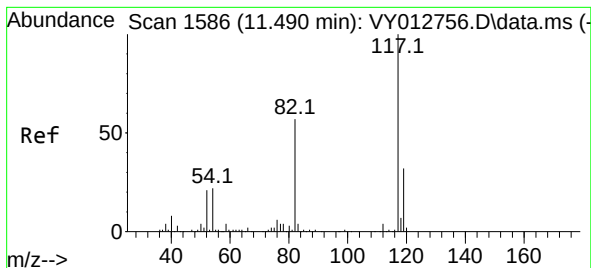
Tgt Ion: 98 Resp: 170699
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.212 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012883.D
Acq: 08 Mar 2023 19:57

Tgt Ion: 95 Resp: 53217
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.6
176 86.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY012883.D

Acq: 08 Mar 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

SS-11-20230306

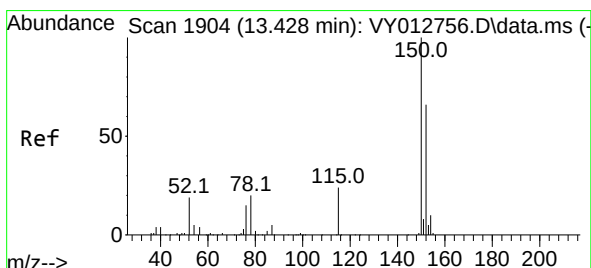
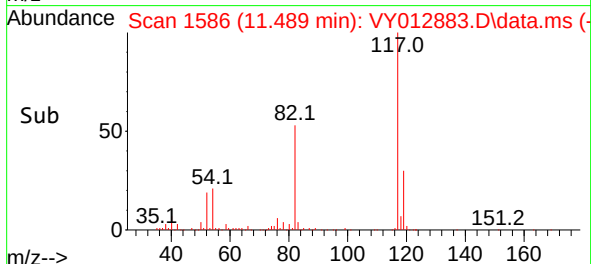
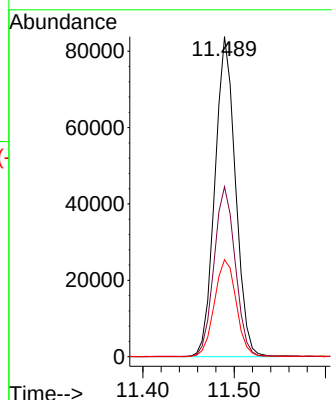
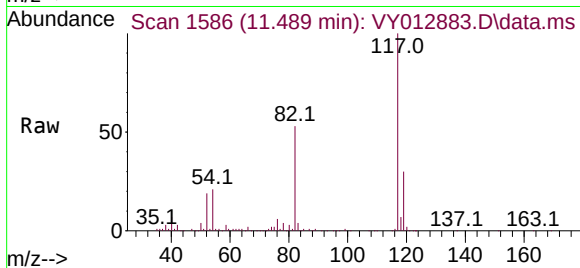
Tgt Ion:117 Resp: 131100

Ion Ratio Lower Upper

117 100

82 53.0 45.4 68.0

119 30.2 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: VY012883.D

Acq: 08 Mar 2023 19:57

Tgt Ion:152 Resp: 55035

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 158.6 0.0 347.8

