

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013020.D
 Acq On : 21 Mar 2023 12:28
 Operator : KP/MD
 Sample : VY0321SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01

Quant Time: Mar 22 04:17:18 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	95414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	156924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65615	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54765	57.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.620%
35) Dibromofluoromethane	7.716	113	54665	57.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.440%
50) Toluene-d8	10.179	98	164799	47.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.483	95	58349	49.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.860%

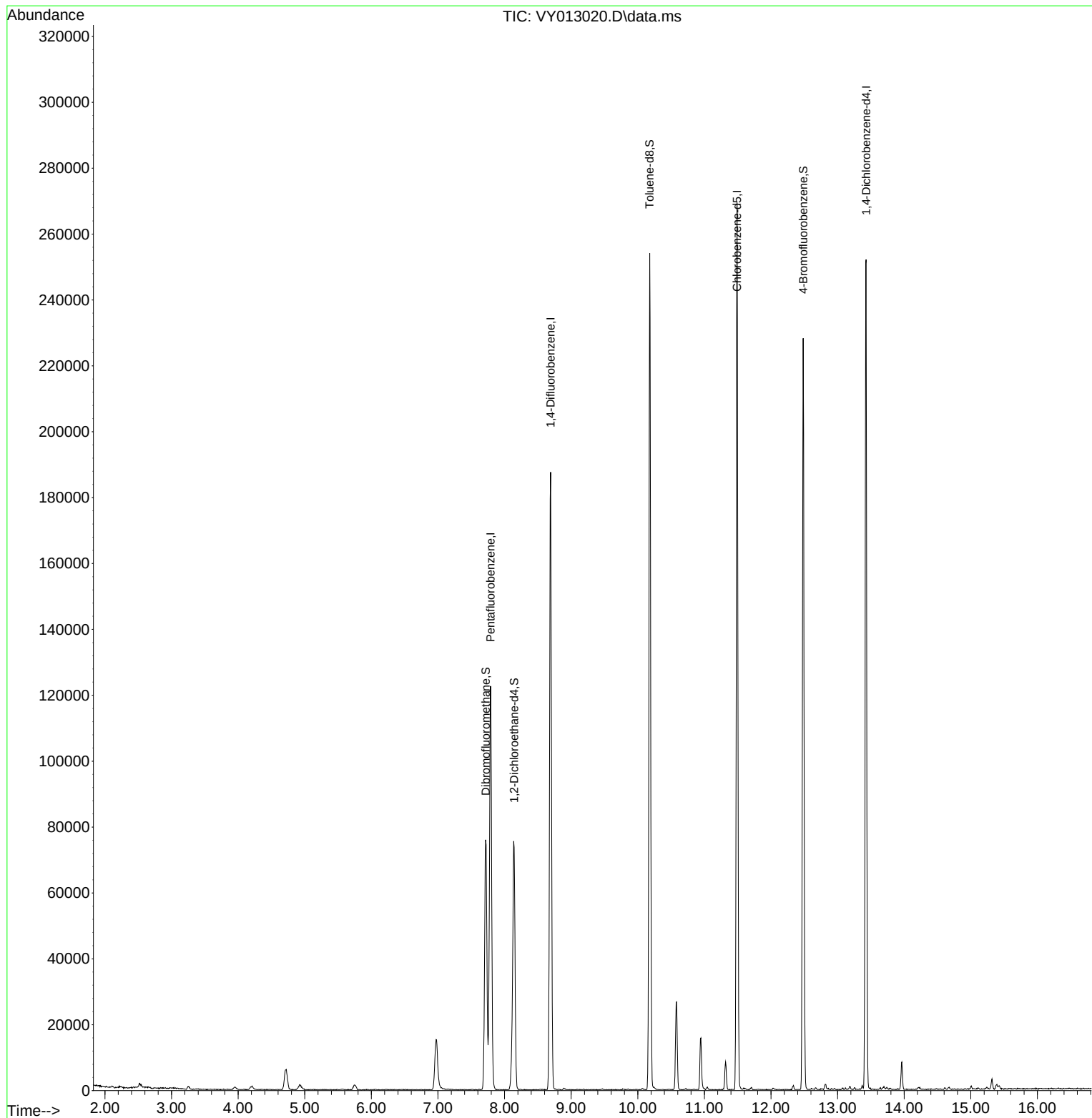
Target Compounds	Qvalue

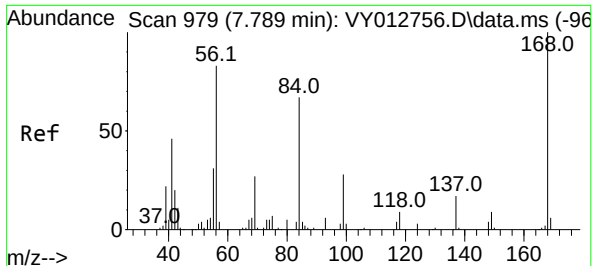
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
Data File : VY013020.D
Acq On : 21 Mar 2023 12:28
Operator : KP/MD
Sample : VY0321SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

Quant Time: Mar 22 04:17:18 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

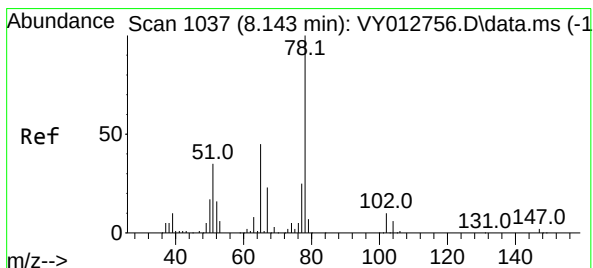
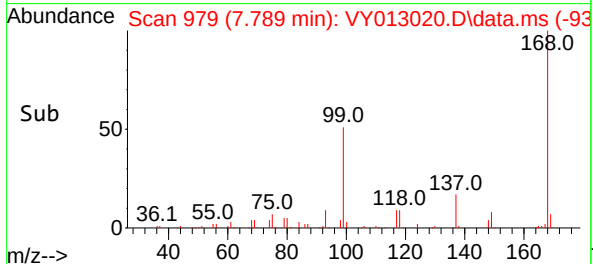
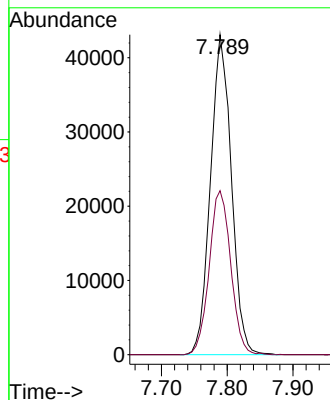
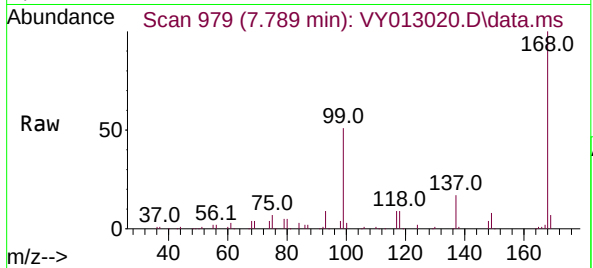




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

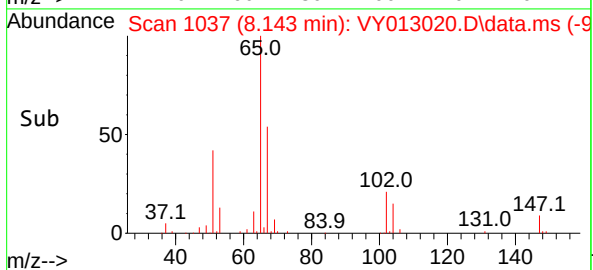
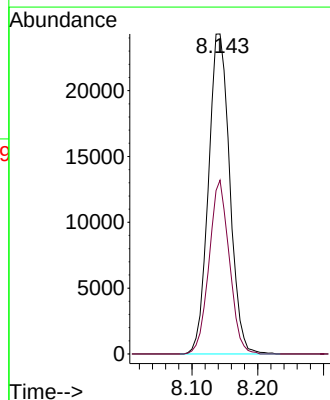
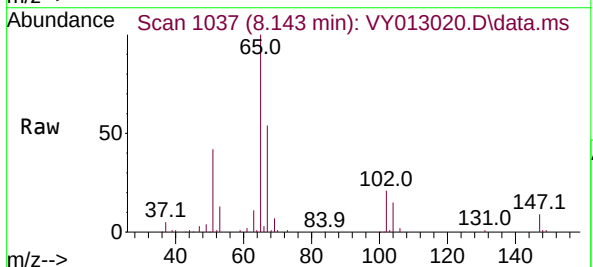
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

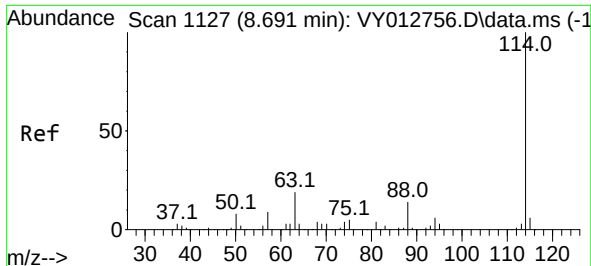
Tgt Ion:168 Resp: 95414
Ion Ratio Lower Upper
168 100
99 51.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 57.809 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

Tgt Ion: 65 Resp: 54765
Ion Ratio Lower Upper
65 100
67 51.5 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: VY013020.D

Acq: 21 Mar 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBL01

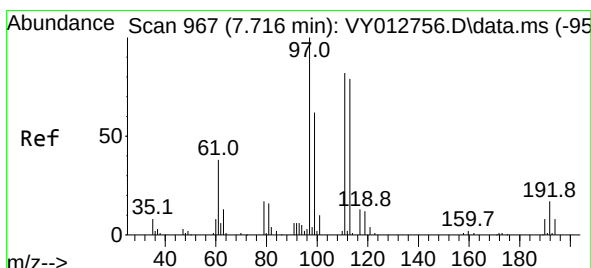
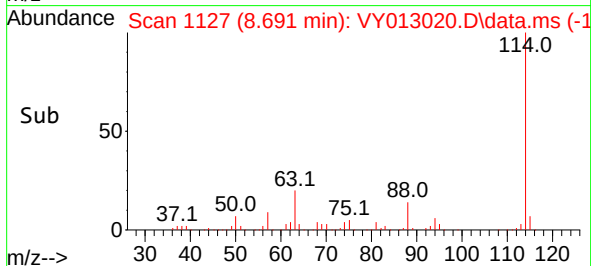
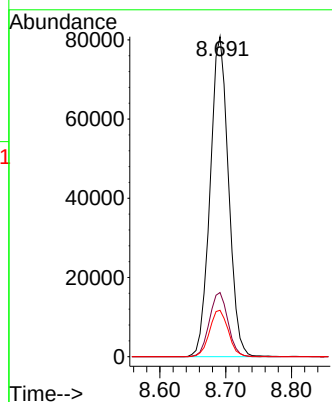
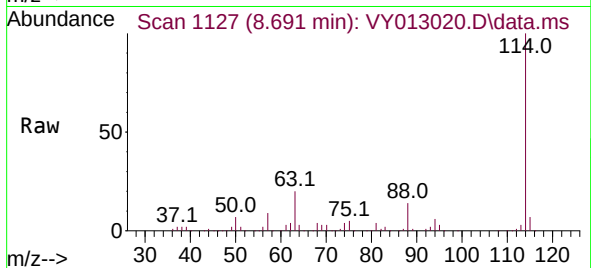
Tgt Ion:114 Resp: 156924

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.722 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013020.D

Acq: 21 Mar 2023 12:28

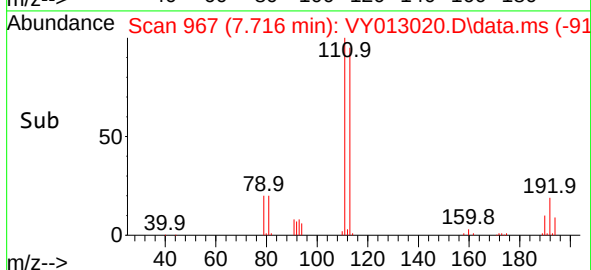
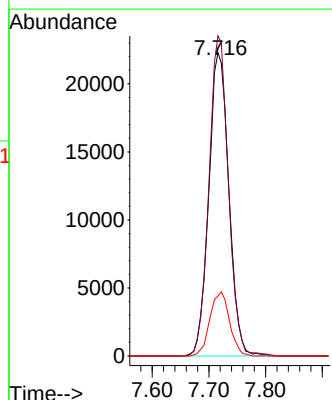
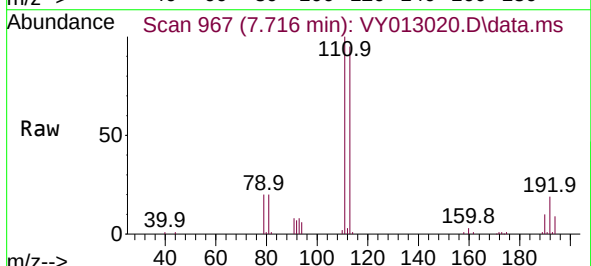
Tgt Ion:113 Resp: 54665

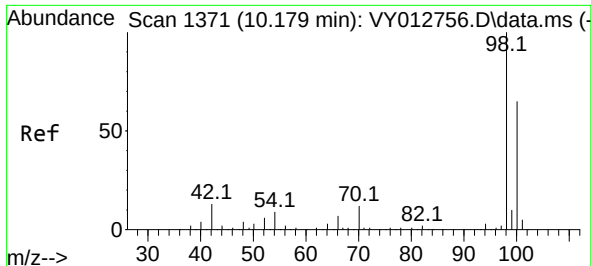
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 20.7 16.8 25.2

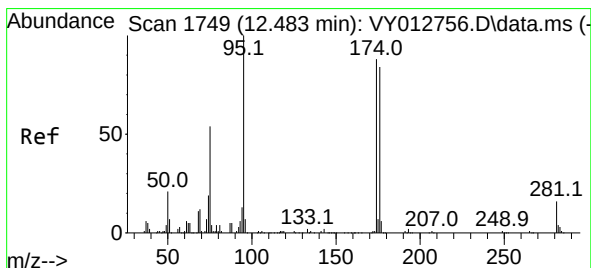
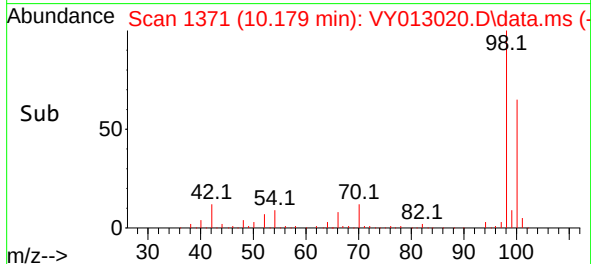
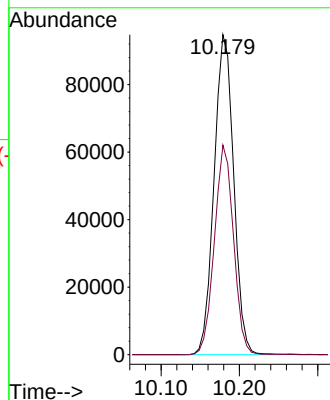
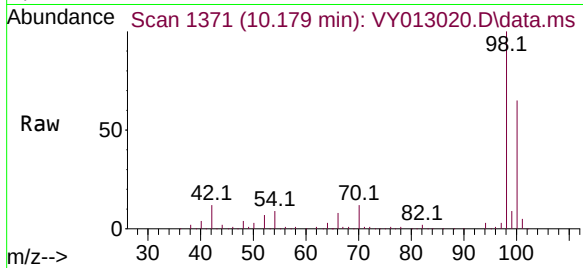




#50
Toluene-d8
Concen: 47.600 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

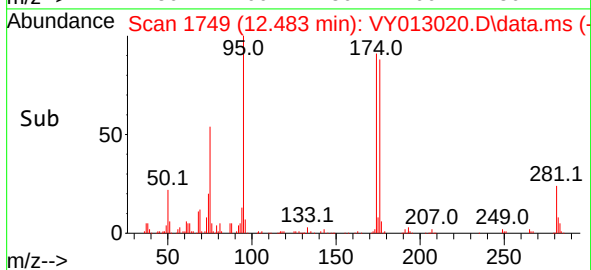
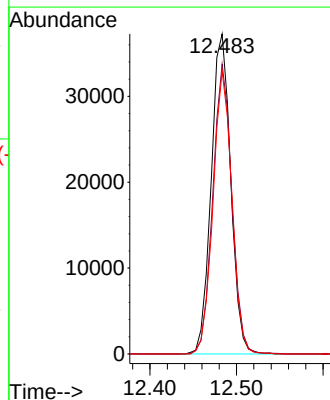
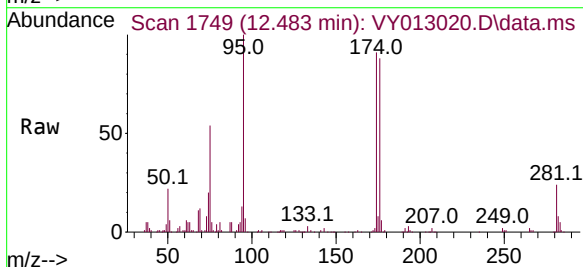
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

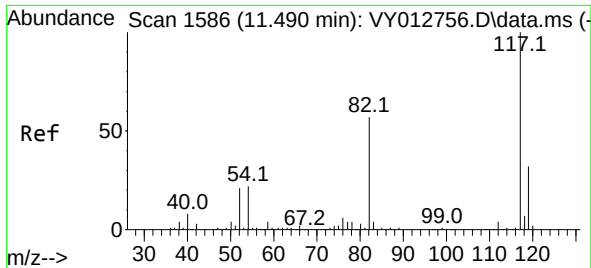
Tgt Ion: 98 Resp: 164799
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

Tgt Ion: 95 Resp: 58349
Ion Ratio Lower Upper
95 100
174 88.5 0.0 176.6
176 85.5 0.0 170.2

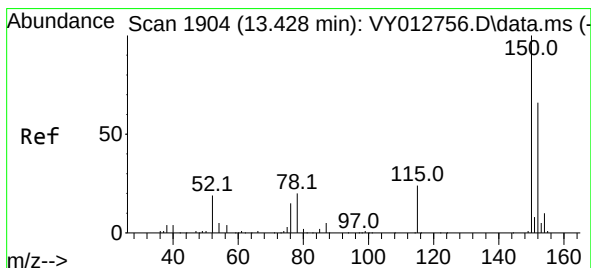
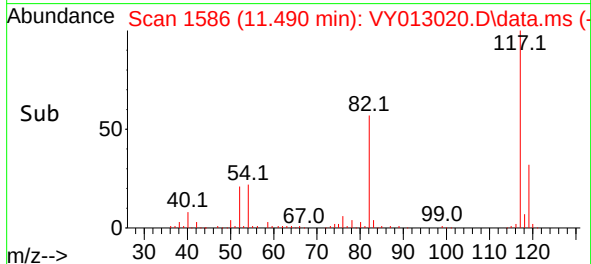
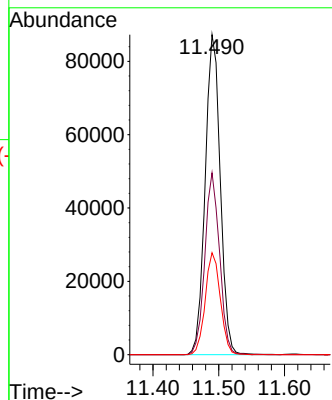
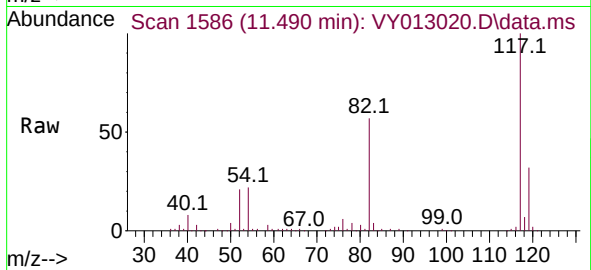




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

Tgt Ion:117 Resp: 139228
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 31.9 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: VY013020.D
Acq: 21 Mar 2023 12:28

Tgt Ion:152 Resp: 65615
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 157.4 0.0 347.8

