

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013553.D
 Acq On : 02 May 2023 13:50
 Operator : KP/MD
 Sample : 02572-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251671

Quant Time: May 03 01:33:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	210880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	361379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	356079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152978	66.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.360%
35) Dibromofluoromethane	7.715	113	126671	55.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.460%
50) Toluene-d8	10.178	98	440859	54.524	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.040%
62) 4-Bromofluorobenzene	12.483	95	141723	51.992	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.980%

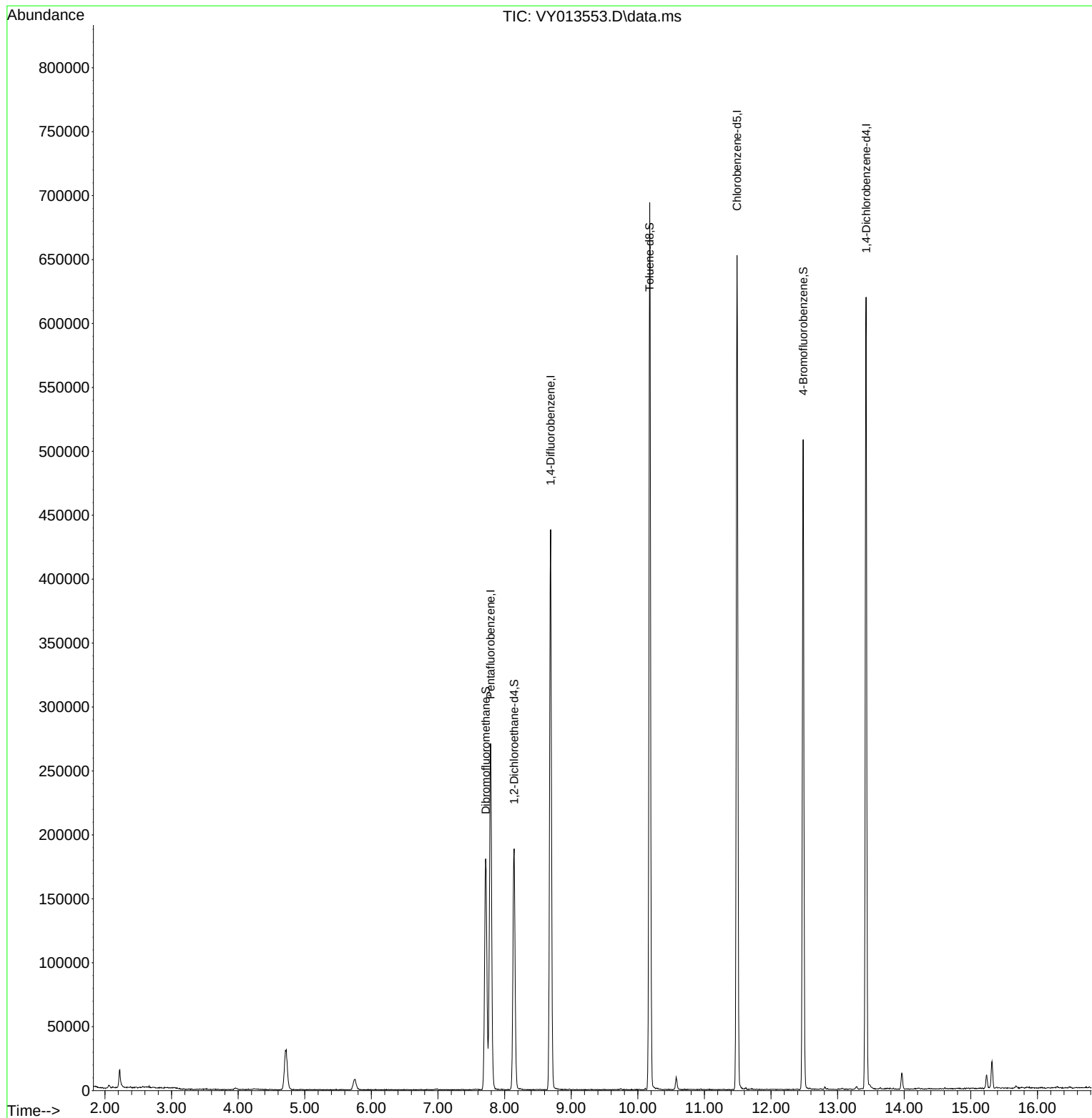
Target Compounds	Qvalue

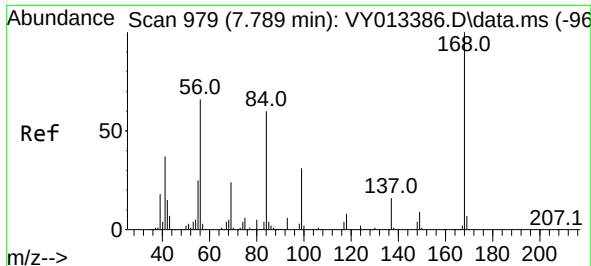
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
Data File : VY013553.D
Acq On : 02 May 2023 13:50
Operator : KP/MD
Sample : 02572-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBR-251671

Quant Time: May 03 01:33:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

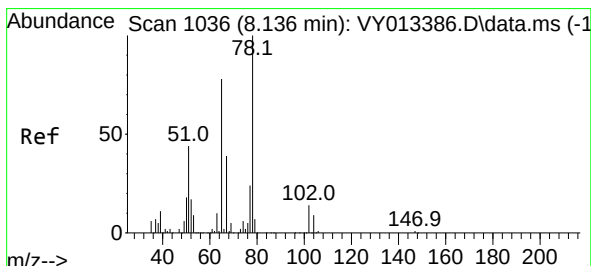
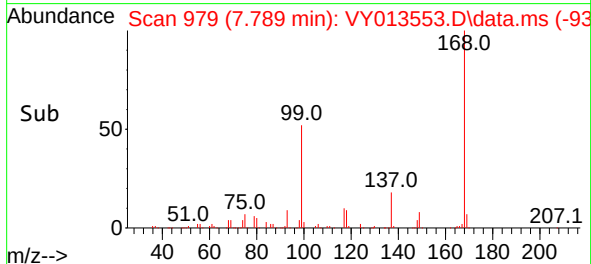
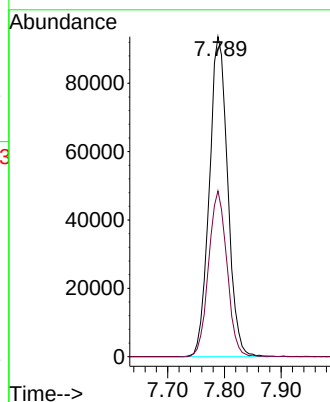
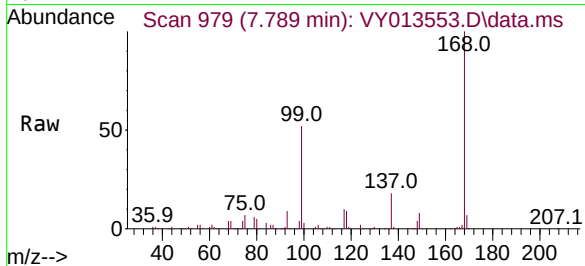




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013553.D
Acq: 02 May 2023 13:50

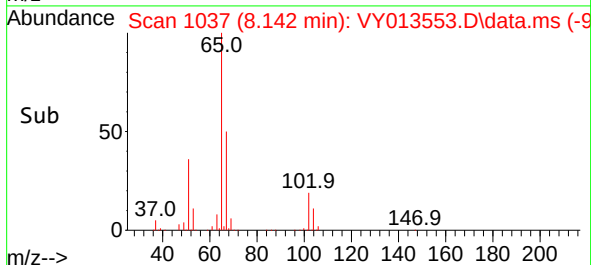
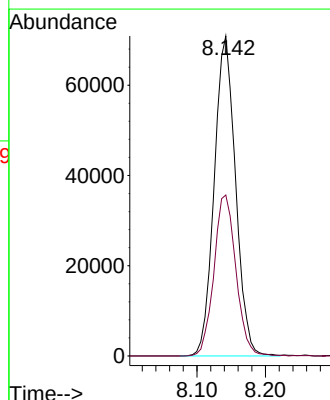
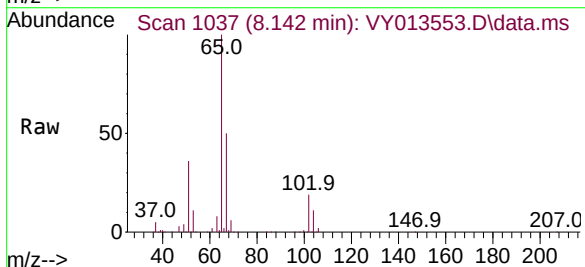
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251671

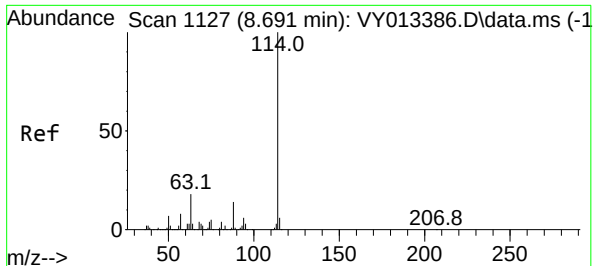
Tgt Ion:168 Resp: 210880
Ion Ratio Lower Upper
168 100
99 51.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.175 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013553.D
Acq: 02 May 2023 13:50

Tgt Ion: 65 Resp: 152978
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013553.D

Acq: 02 May 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

RBR-251671

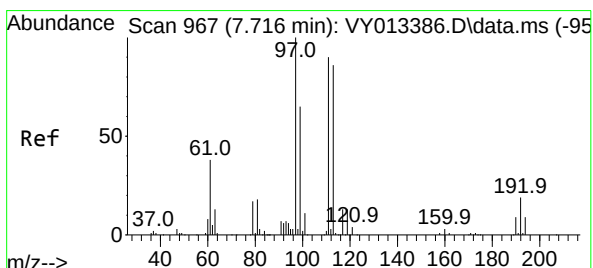
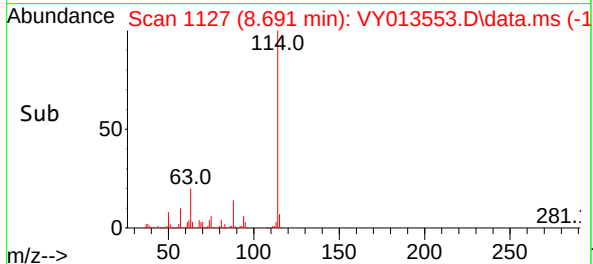
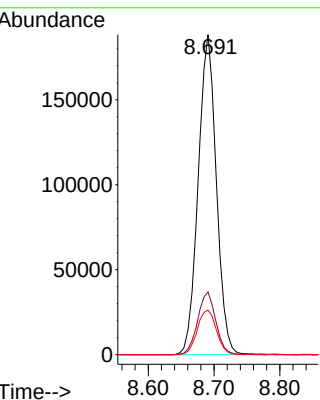
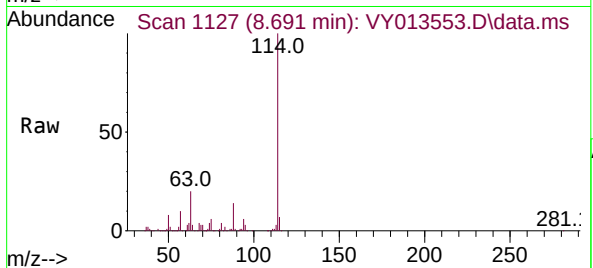
Tgt Ion:114 Resp: 361379

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.6

88 13.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.731 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY013553.D

Acq: 02 May 2023 13:50

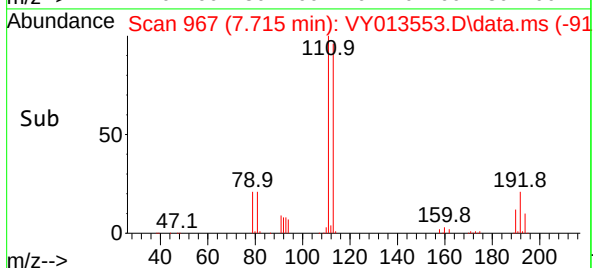
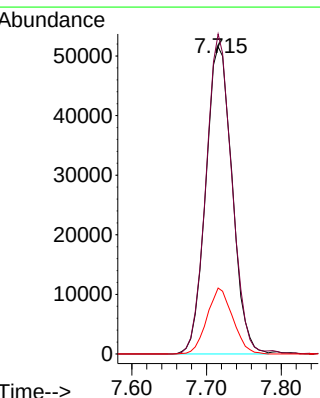
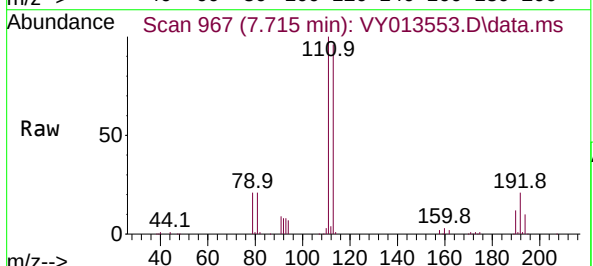
Tgt Ion:113 Resp: 126671

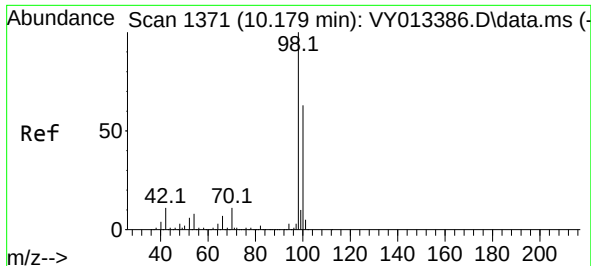
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 20.9 16.7 25.1

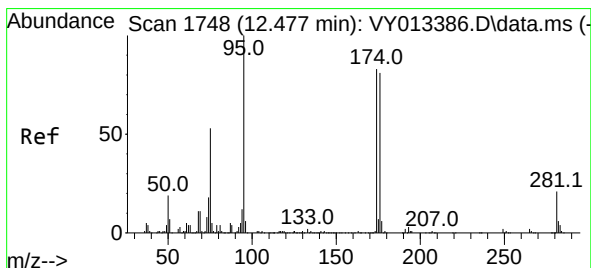
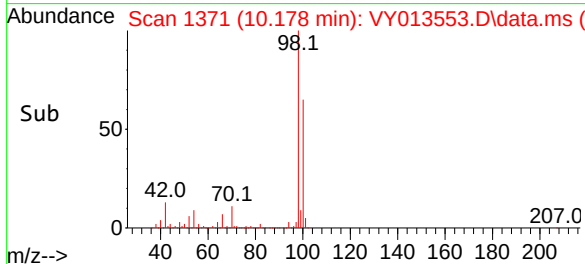
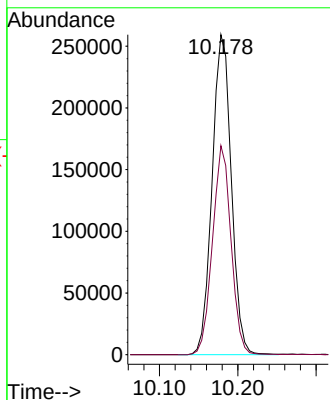
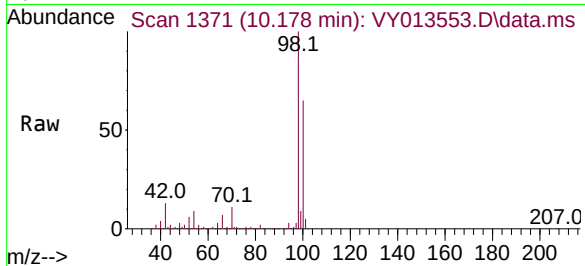




#50
Toluene-d8
Concen: 54.524 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013553.D
Acq: 02 May 2023 13:50

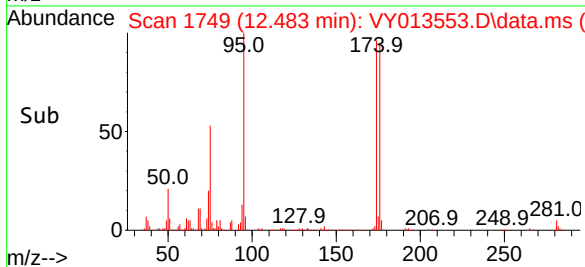
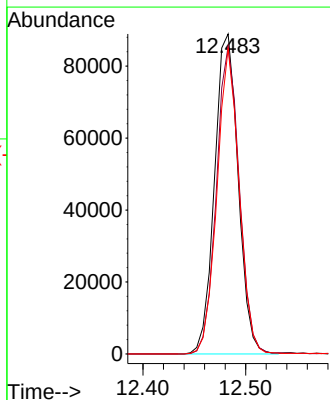
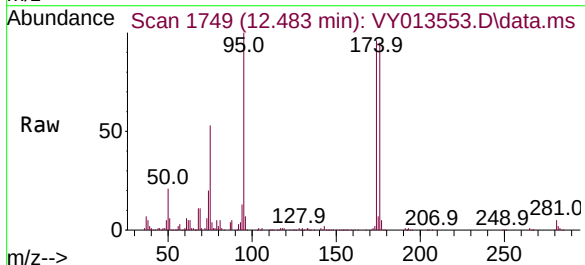
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251671

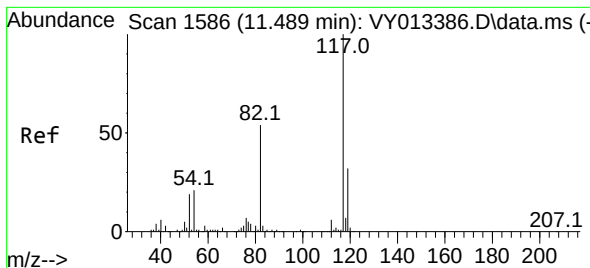
Tgt Ion: 98 Resp: 440859
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013553.D
Acq: 02 May 2023 13:50

Tgt Ion: 95 Resp: 141723
Ion Ratio Lower Upper
95 100
174 93.3 0.0 182.0
176 89.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013553.D

Acq: 02 May 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

RBR-251671

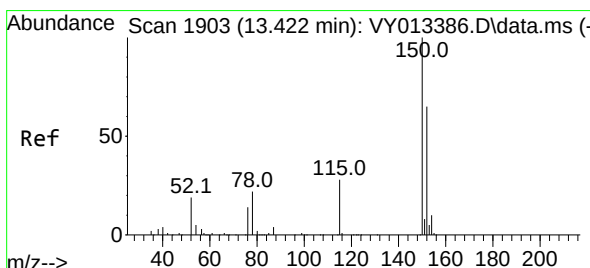
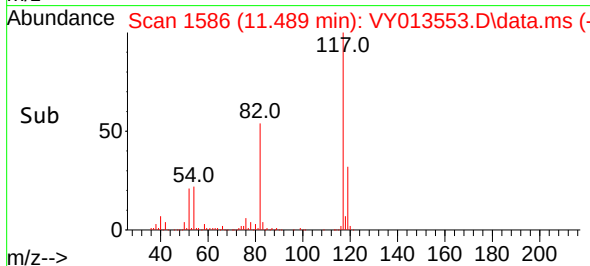
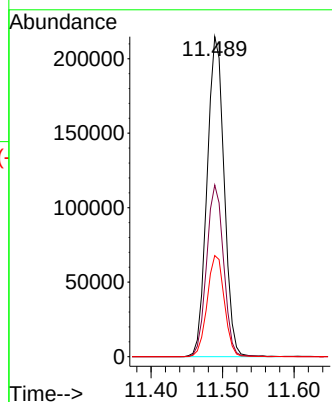
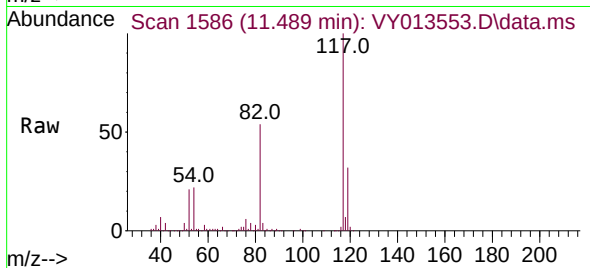
Tgt Ion:117 Resp: 356079

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.6

119 31.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013553.D

Acq: 02 May 2023 13:50

Tgt Ion:152 Resp: 158027

Ion Ratio Lower Upper

152 100

115 57.4 28.1 84.2

150 156.5 0.0 352.0

