

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012056.D
 Acq On : 03 Jan 2023 18:52
 Operator : KP/MD
 Sample : 01005-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-10323

Quant Time: Jan 04 01:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	179318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112011	62.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.000%
35) Dibromofluoromethane	7.715	113	99248	51.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.178	98	386519	49.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.483	95	124252	47.482	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.960%

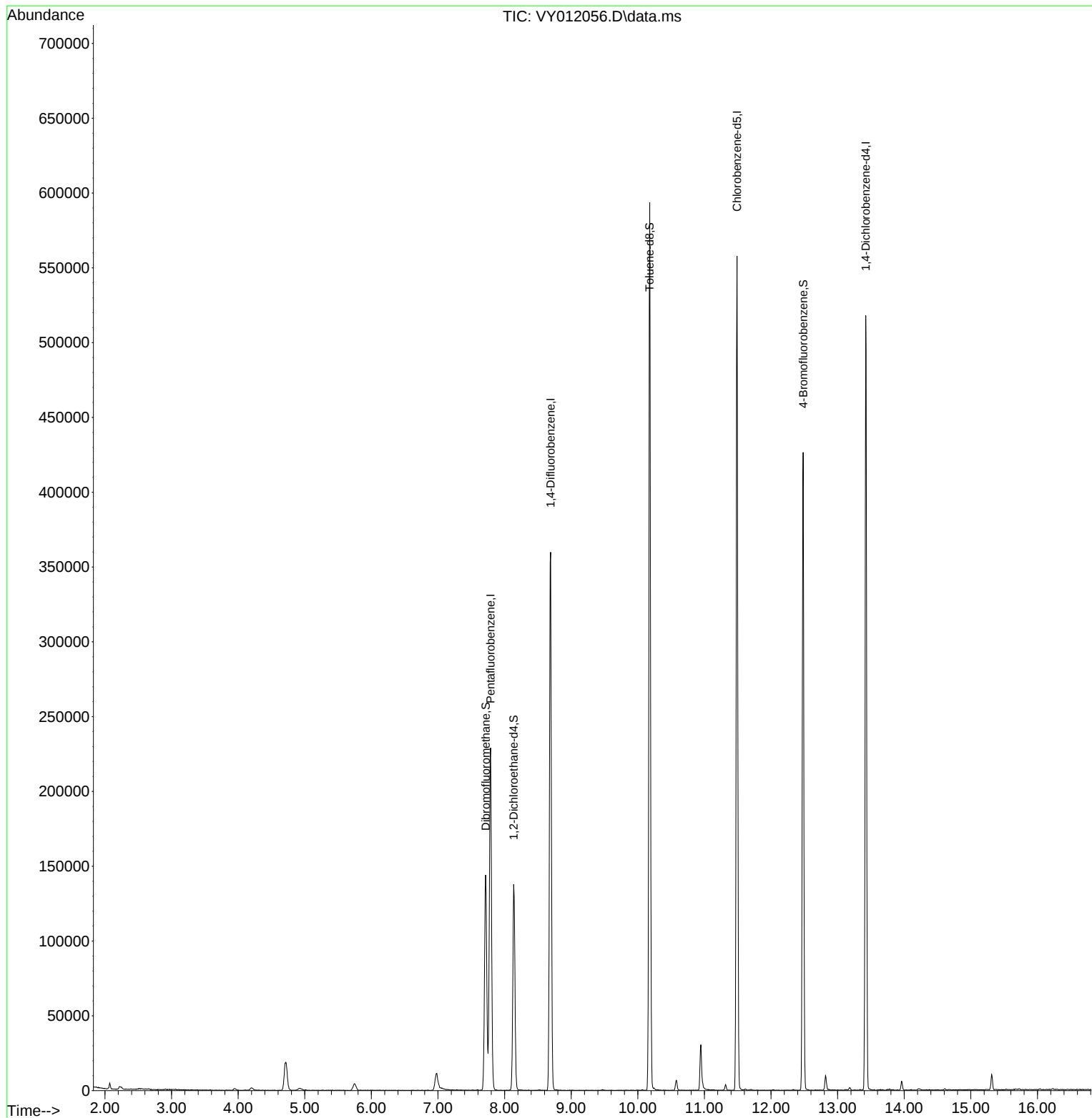
Target Compounds	Qvalue

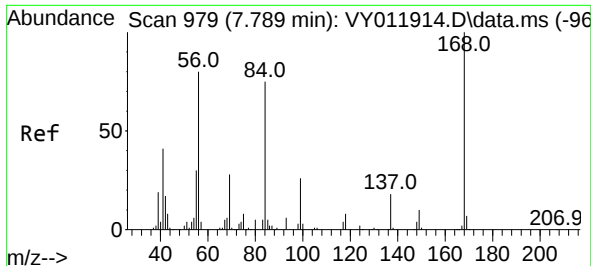
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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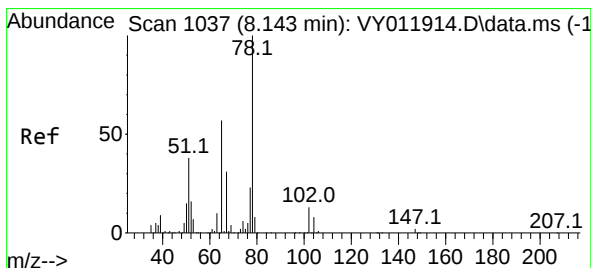
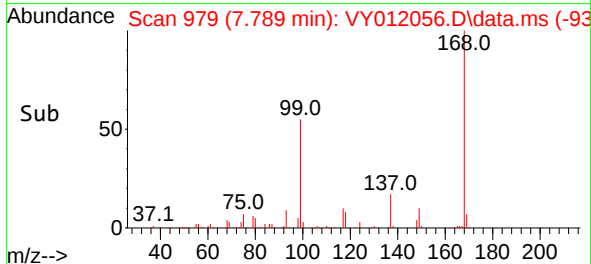
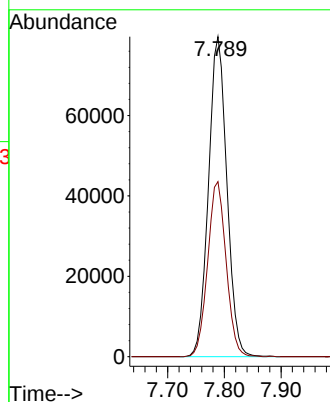
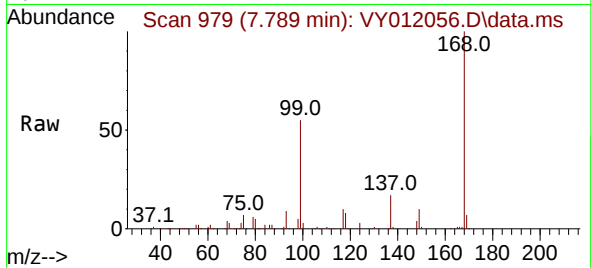




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

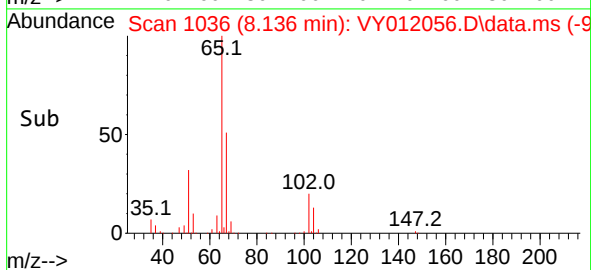
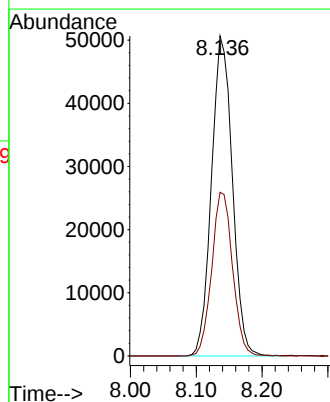
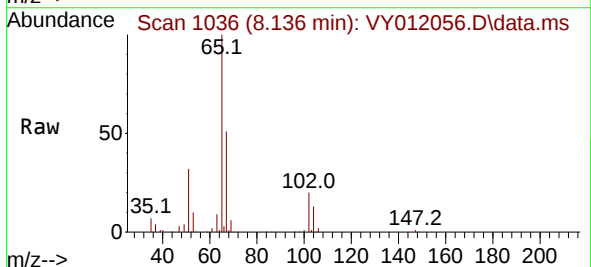
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-10323

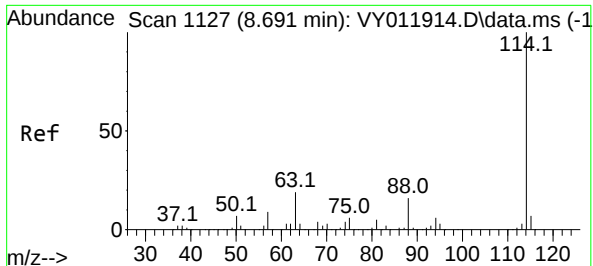
Tgt Ion:168 Resp: 179318
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 62.001 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Tgt Ion: 65 Resp: 112011
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012056.D

Acq: 03 Jan 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-10323

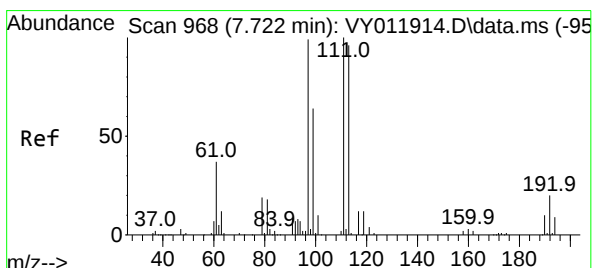
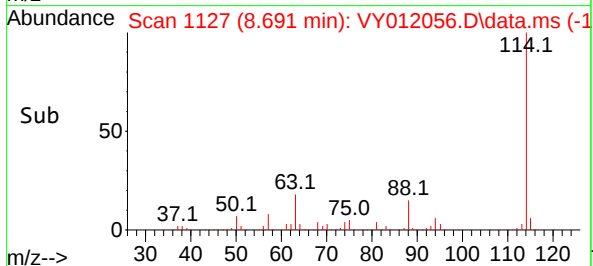
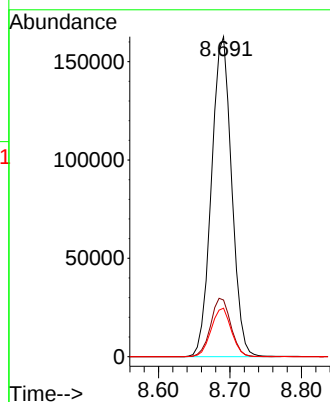
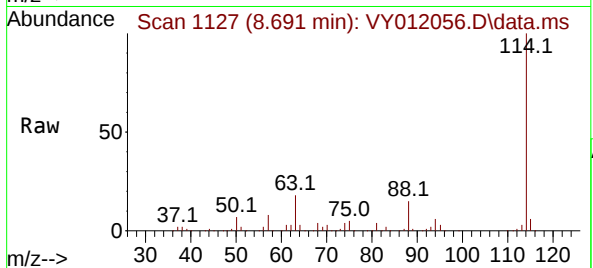
Tgt Ion:114 Resp: 318548

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.752 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012056.D

Acq: 03 Jan 2023 18:52

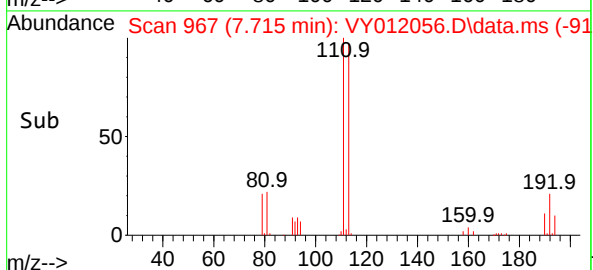
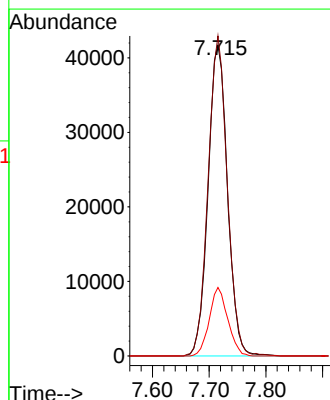
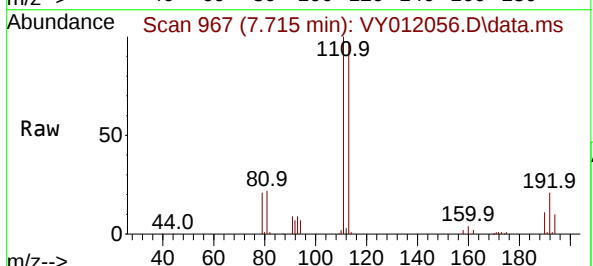
Tgt Ion:113 Resp: 99248

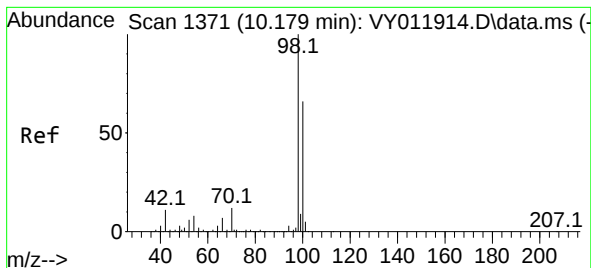
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

192 21.0 16.0 24.0





#50

Toluene-d8

Concen: 49.676 ug/l

RT: 10.178 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012056.D

Acq: 03 Jan 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

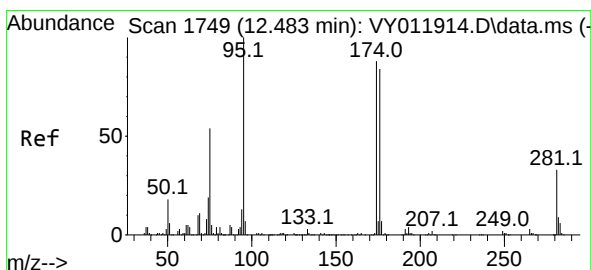
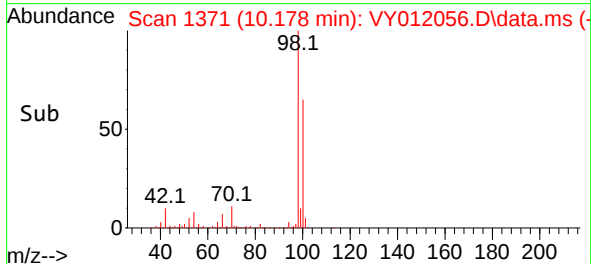
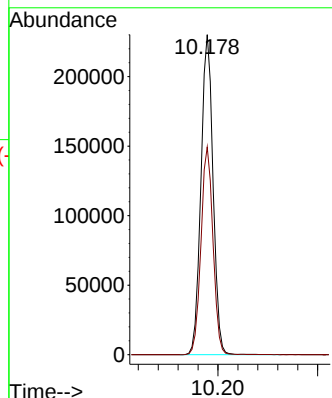
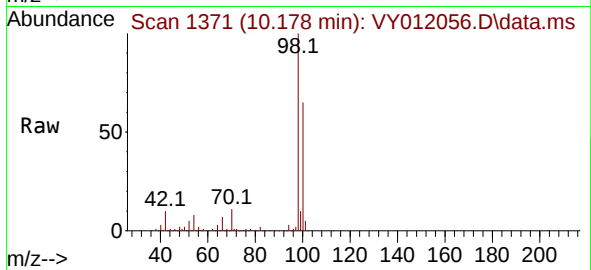
PL-01-10323

Tgt Ion: 98 Resp: 386519

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 47.482 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012056.D

Acq: 03 Jan 2023 18:52

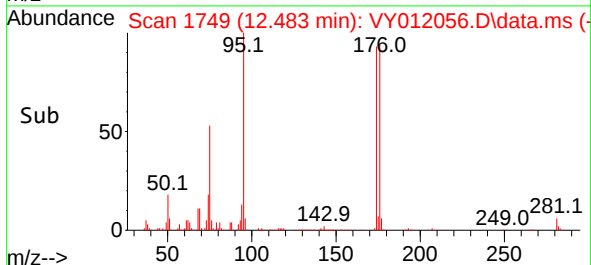
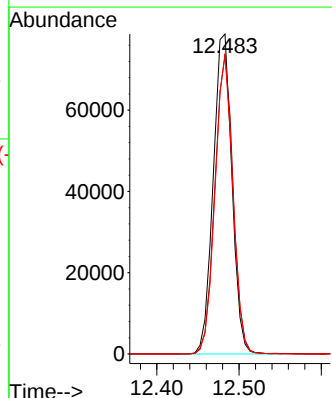
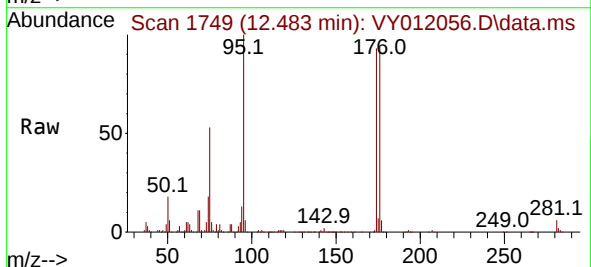
Tgt Ion: 95 Resp: 124252

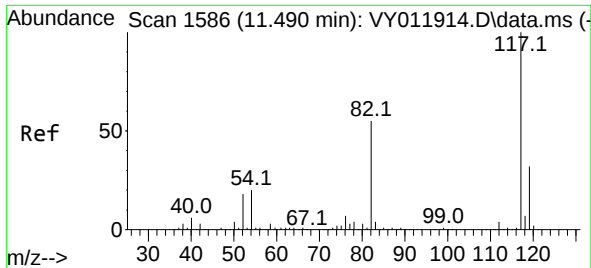
Ion Ratio Lower Upper

95 100

174 91.3 0.0 172.0

176 89.1 0.0 167.6

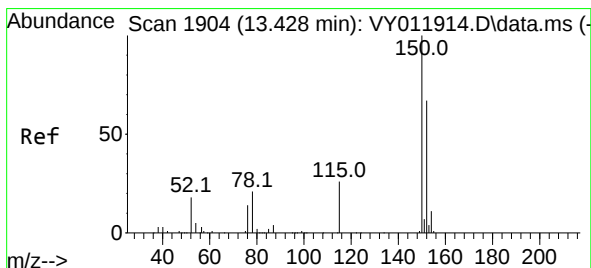
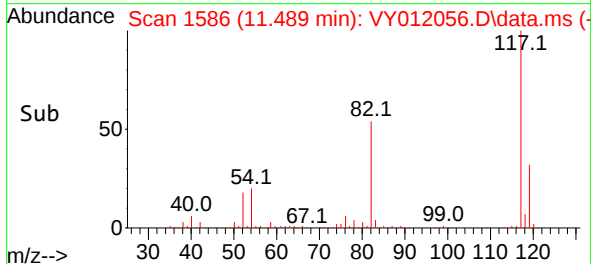
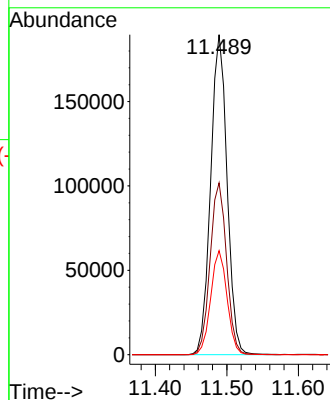
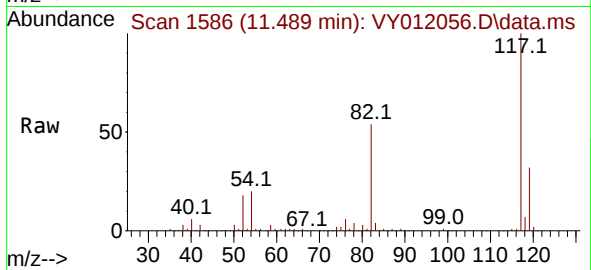




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-10323

Tgt Ion:117 Resp: 302283
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012056.D
Acq: 03 Jan 2023 18:52

Tgt Ion:152 Resp: 139536
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.3
150 156.3 0.0 342.6

