

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011387.D
 Acq On : 10 Nov 2022 14:00
 Operator : KP/MD
 Sample : VY1110SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBL01

Quant Time: Nov 10 17:51:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	282029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	407404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116967	49.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.980%
35) Dibromofluoromethane	7.716	113	124927	47.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.179	98	440063	44.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.300%
62) 4-Bromofluorobenzene	12.477	95	153706	44.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.420%

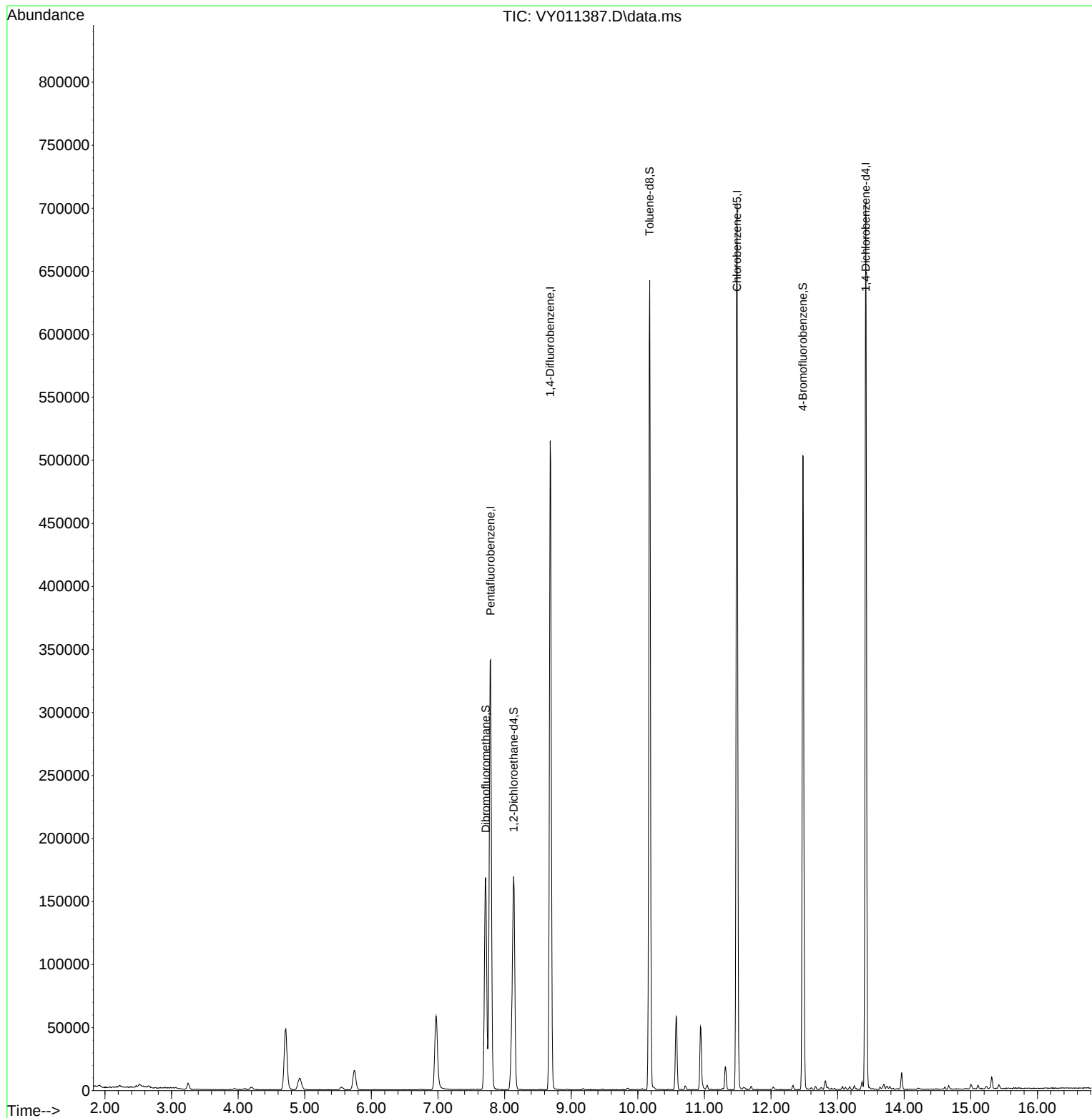
Target Compounds	Qvalue

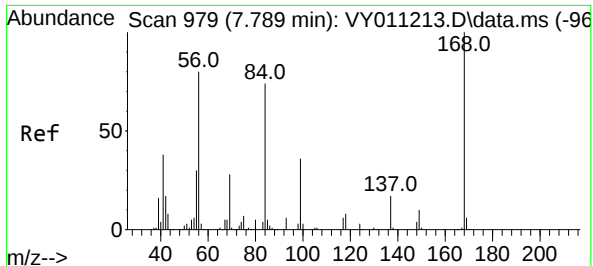
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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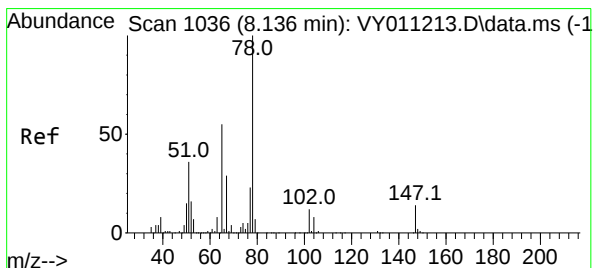
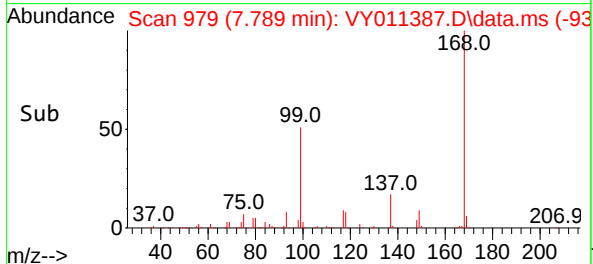
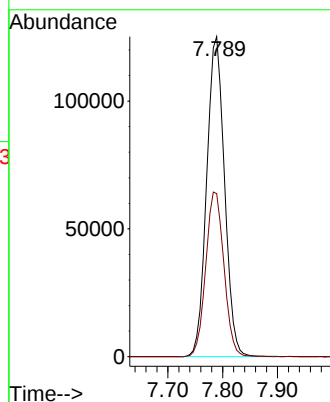
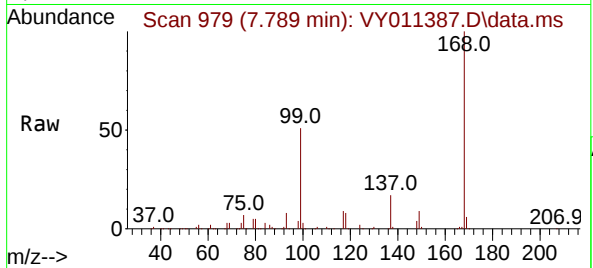




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

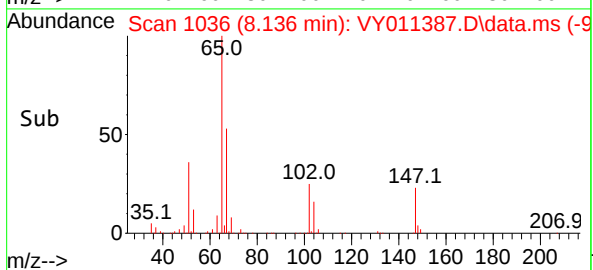
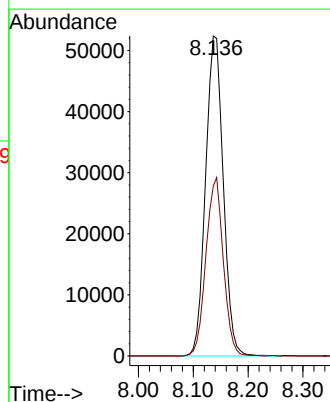
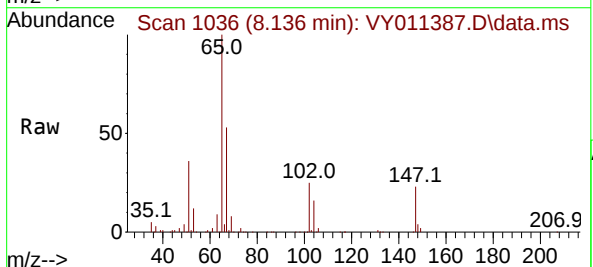
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

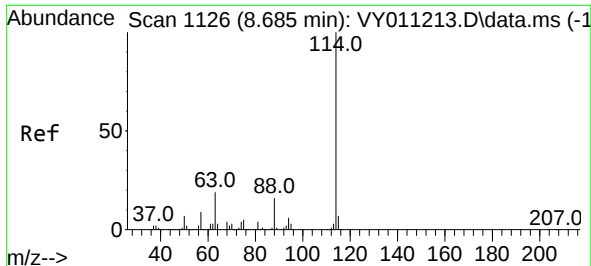
Tgt Ion:168 Resp: 282029
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.493 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Tgt Ion: 65 Resp: 116967
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4

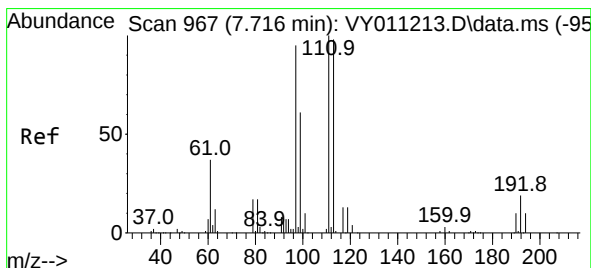
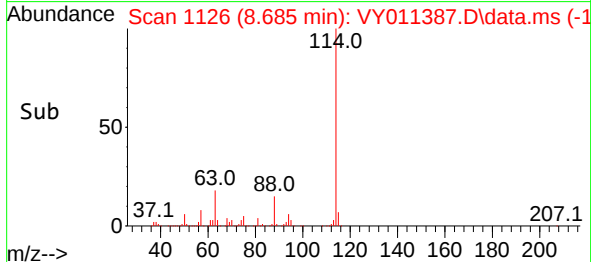
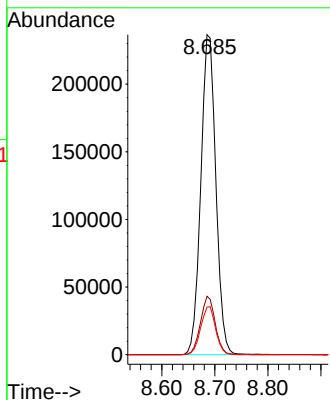
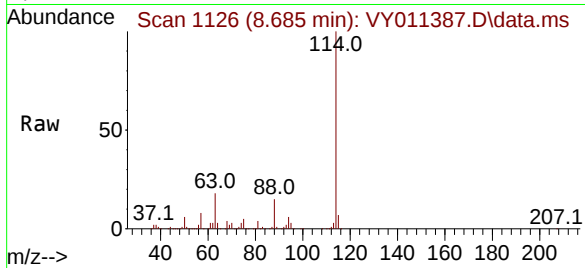




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011387.D
 Acq: 10 Nov 2022 14:00

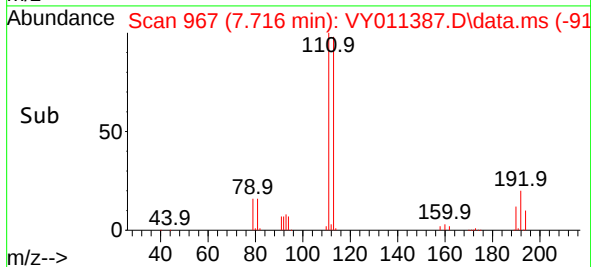
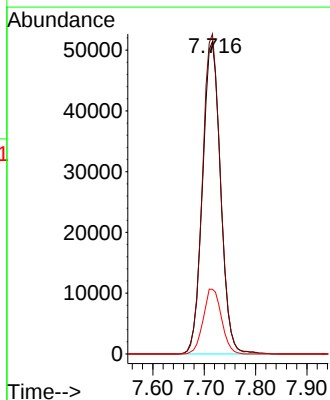
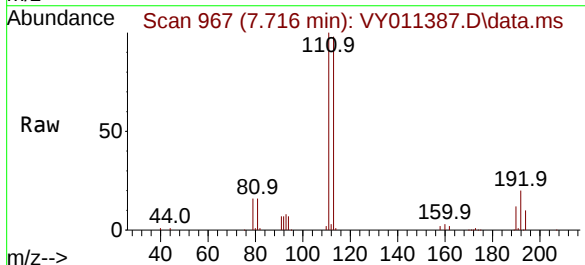
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBL01

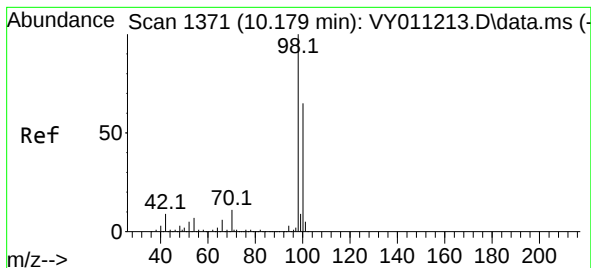
Tgt Ion:114 Resp: 465587
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 43.2
 88 14.8 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 47.878 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VY011387.D
 Acq: 10 Nov 2022 14:00

Tgt Ion:113 Resp: 124927
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.6 124.0
 192 21.0 17.6 26.4





#50

Toluene-d8

Concen: 44.147 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011387.D

Acq: 10 Nov 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

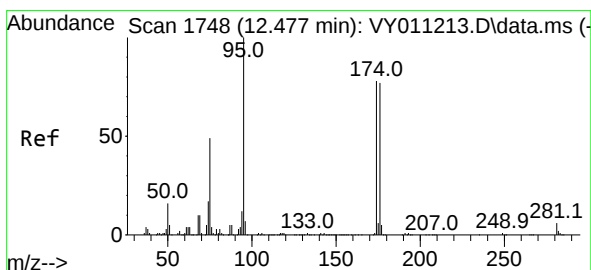
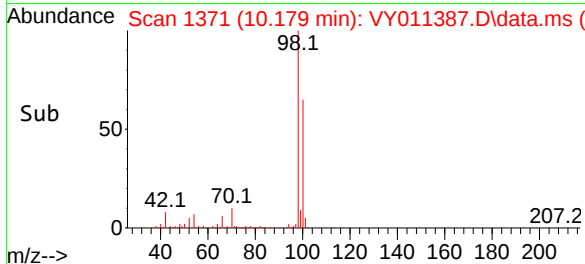
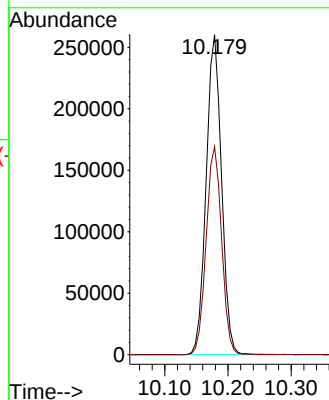
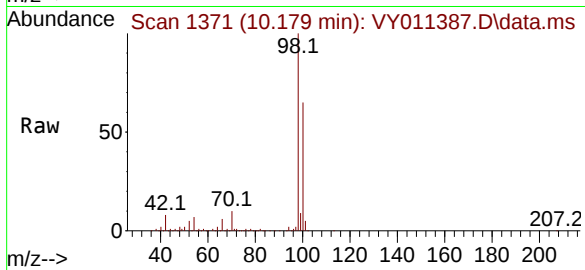
VY1110SBL01

Tgt Ion: 98 Resp: 440063

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 44.209 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011387.D

Acq: 10 Nov 2022 14:00

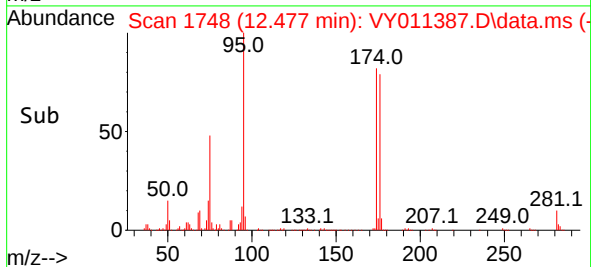
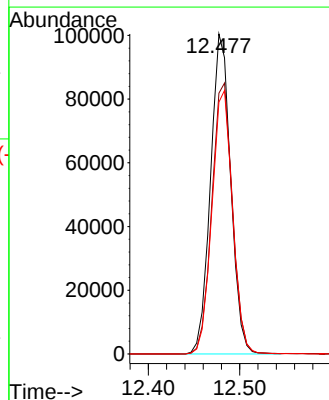
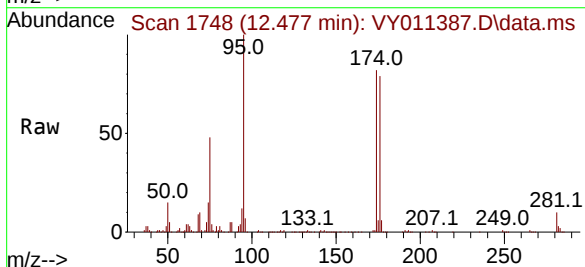
Tgt Ion: 95 Resp: 153706

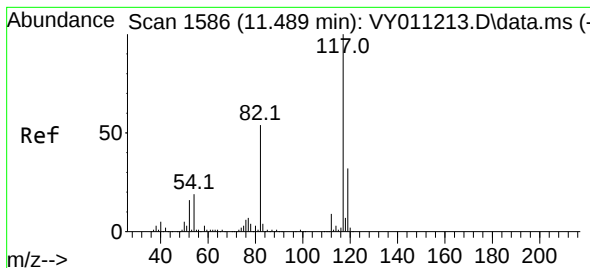
Ion Ratio Lower Upper

95 100

174 87.1 0.0 177.0

176 84.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011387.D

Acq: 10 Nov 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBL01

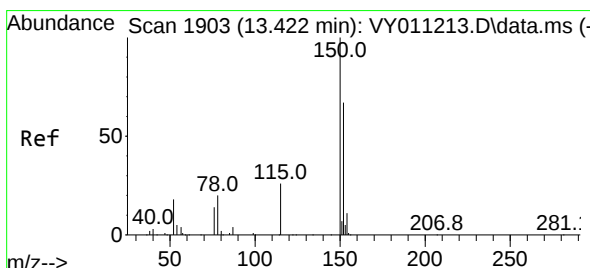
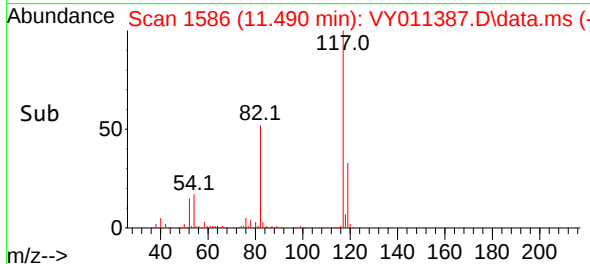
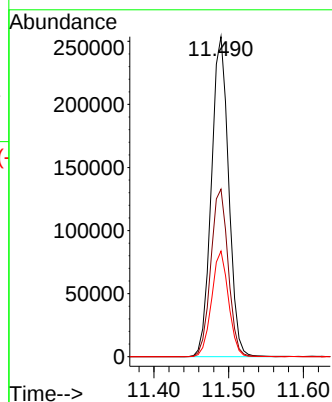
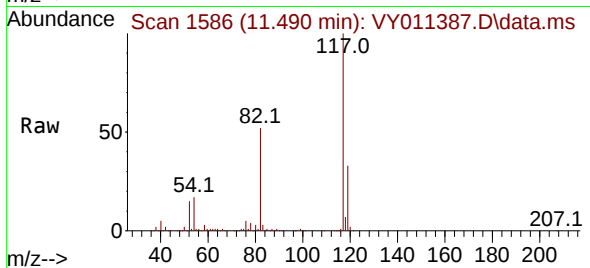
Tgt Ion:117 Resp: 407404

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 33.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011387.D

Acq: 10 Nov 2022 14:00

Tgt Ion:152 Resp: 190757

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 156.0 0.0 347.6

