

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011435.D
 Acq On : 14 Nov 2022 13:31
 Operator : KP/MD
 Sample : VY1114SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBL01

Quant Time: Nov 15 01:48:59 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	7.795	168	252756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	414918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107102	50.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.140%
35) Dibromofluoromethane	7.716	113	115359	49.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.185	98	392643	44.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.400%
62) 4-Bromofluorobenzene	12.483	95	138458	44.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.380%

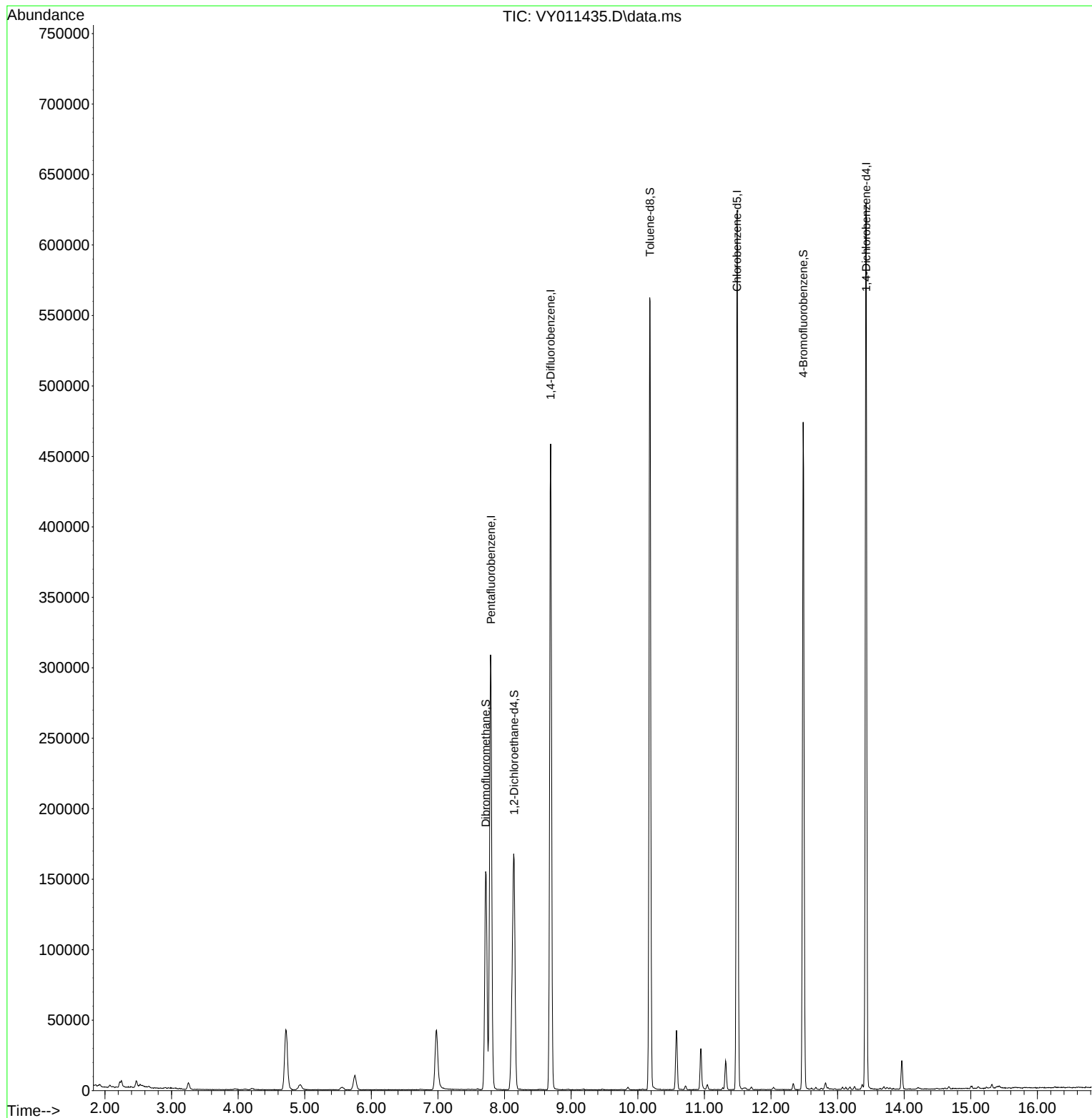
Target Compounds	Qvalue

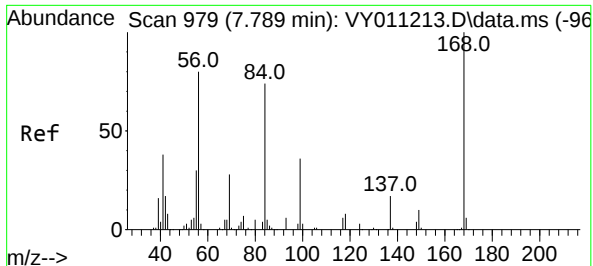
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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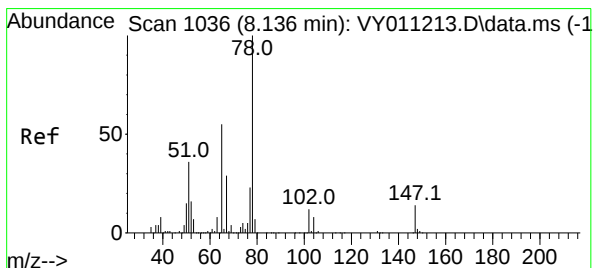
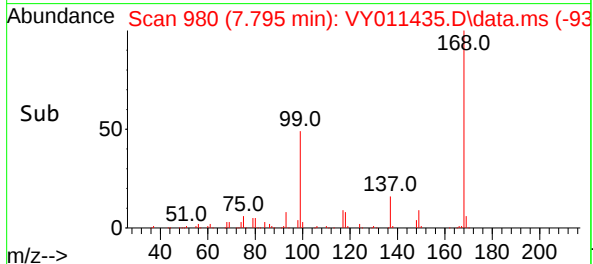
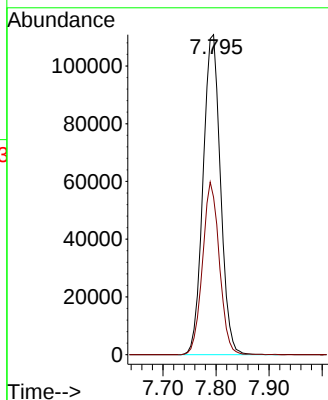
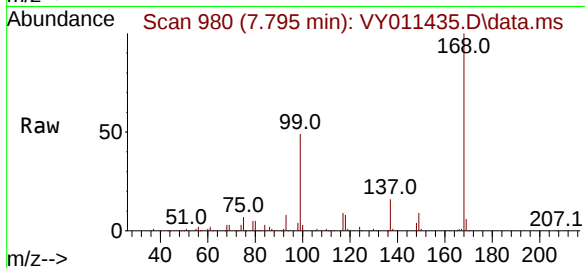




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

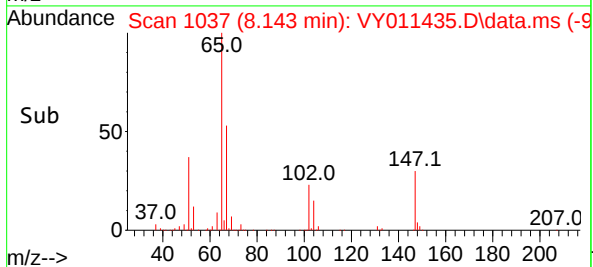
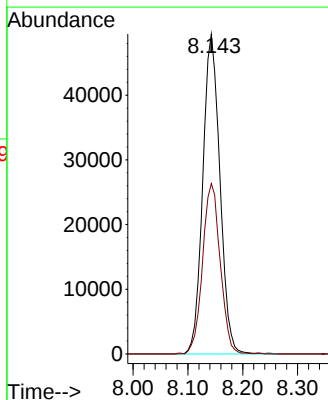
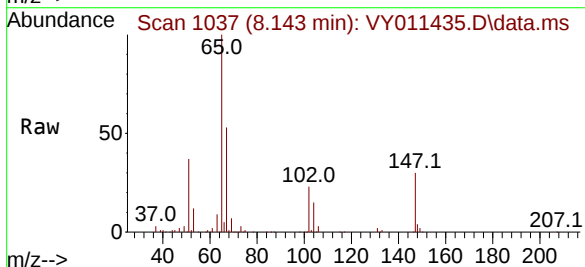
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBL01

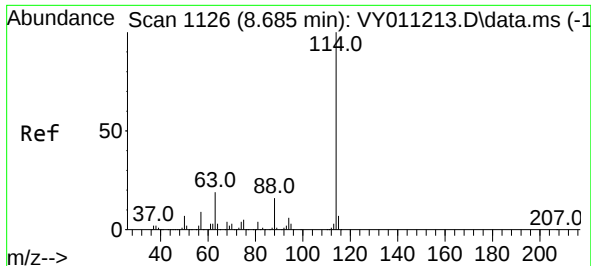
Tgt Ion:168 Resp: 252756
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.567 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 65 Resp: 107102
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011435.D

Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBL01

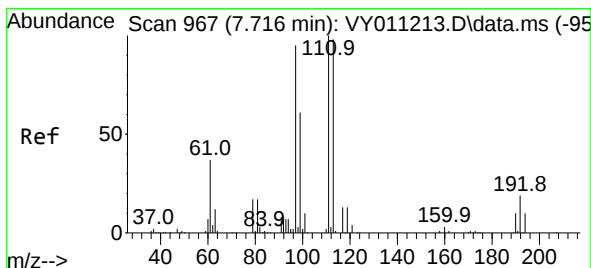
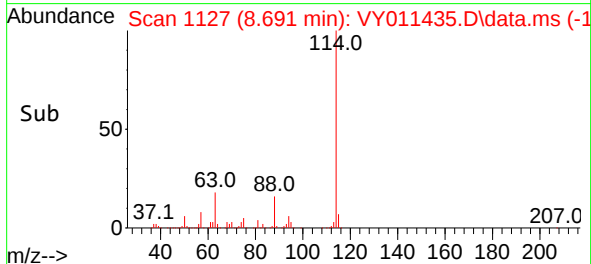
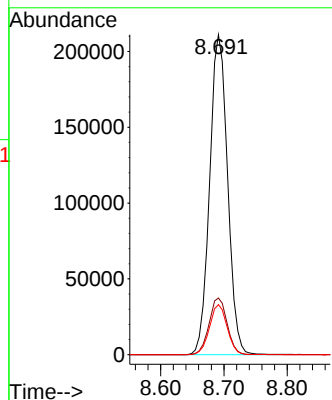
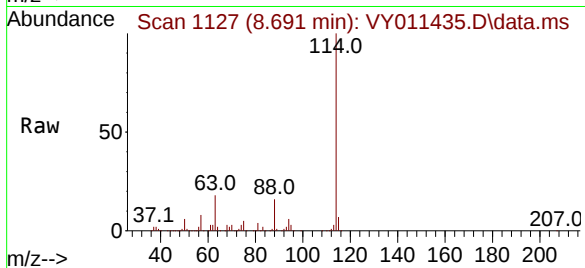
Tgt Ion:114 Resp: 414918

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.611 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011435.D

Acq: 14 Nov 2022 13:31

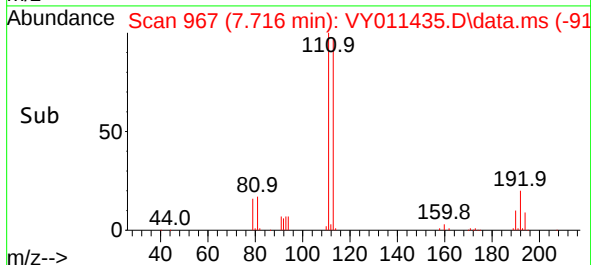
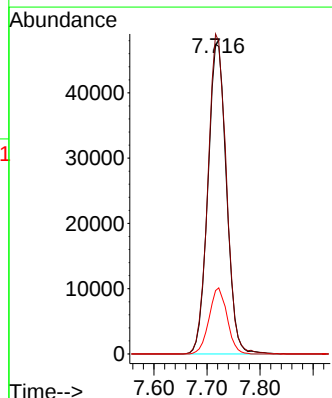
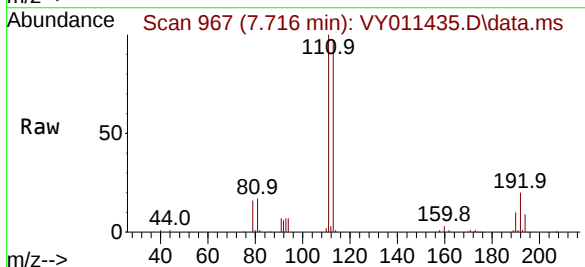
Tgt Ion:113 Resp: 115359

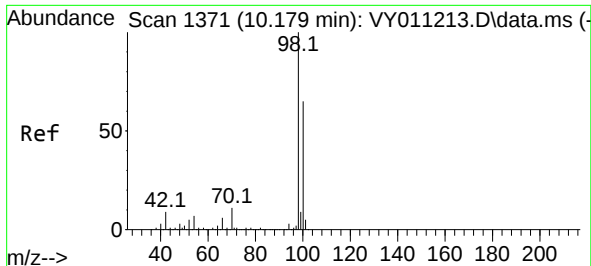
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 20.7 17.6 26.4

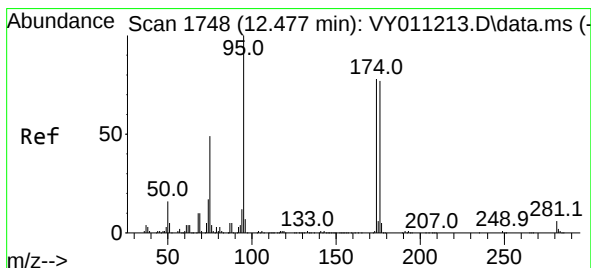
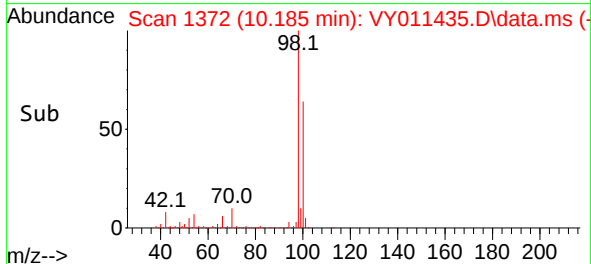
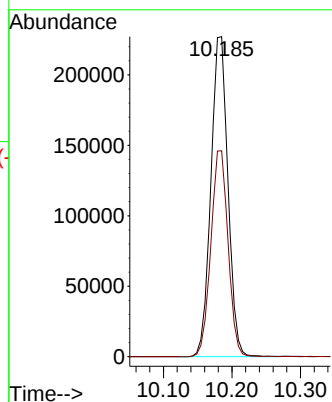
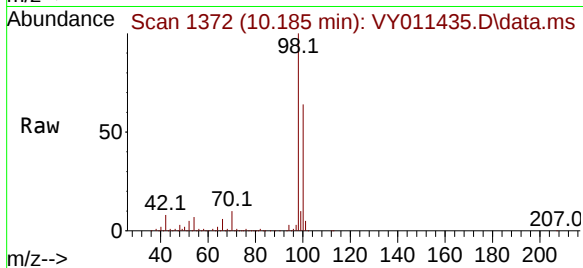




#50
Toluene-d8
Concen: 44.200 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

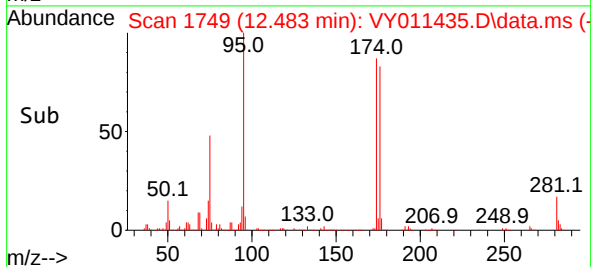
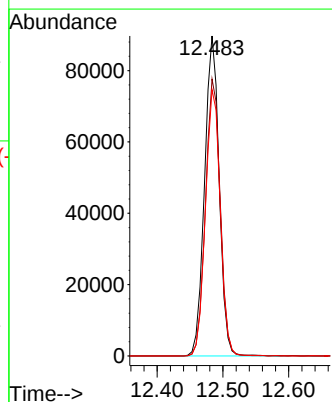
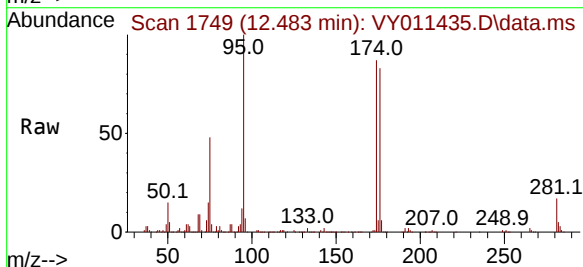
Instrument :
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ClientSampleId :
VY1114SBL01

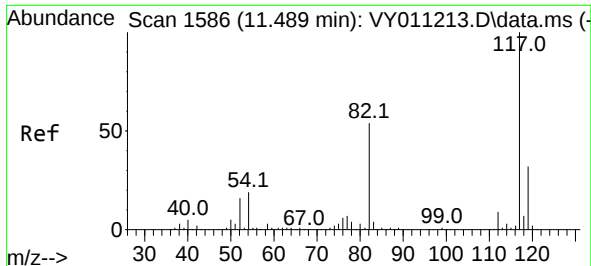
Tgt Ion: 98 Resp: 392643
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.687 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 95 Resp: 138458
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.5 0.0 175.8

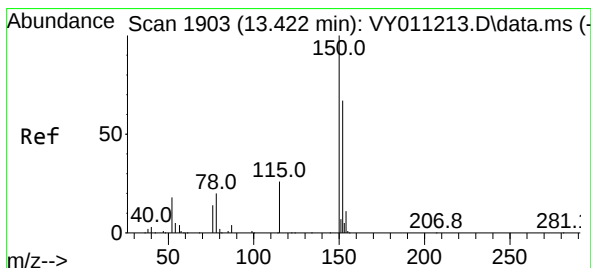
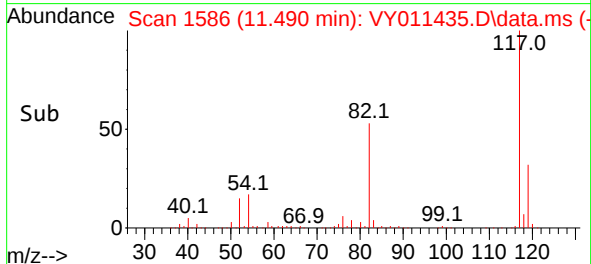
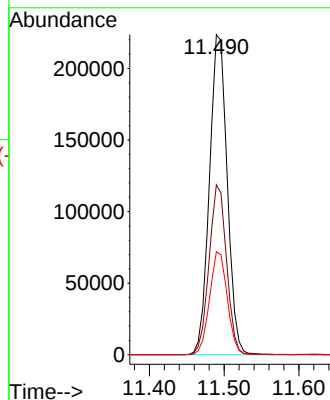
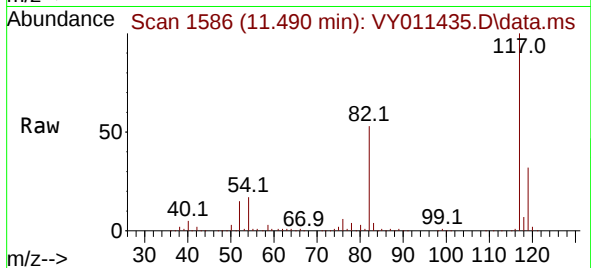




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBL01

Tgt Ion:117 Resp: 370407
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion:152 Resp: 174424
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.4 0.0 347.6

