

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011451.D
 Acq On : 15 Nov 2022 12:35
 Operator : KP/MD
 Sample : VY1115SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBL01

Quant Time: Nov 15 15:00:21 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	245846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	357429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163024	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	99341	48.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.440%
35) Dibromofluoromethane	7.722	113	107270	47.718	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.185	98	368588	42.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.840%
62) 4-Bromofluorobenzene	12.483	95	126588	42.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.520%

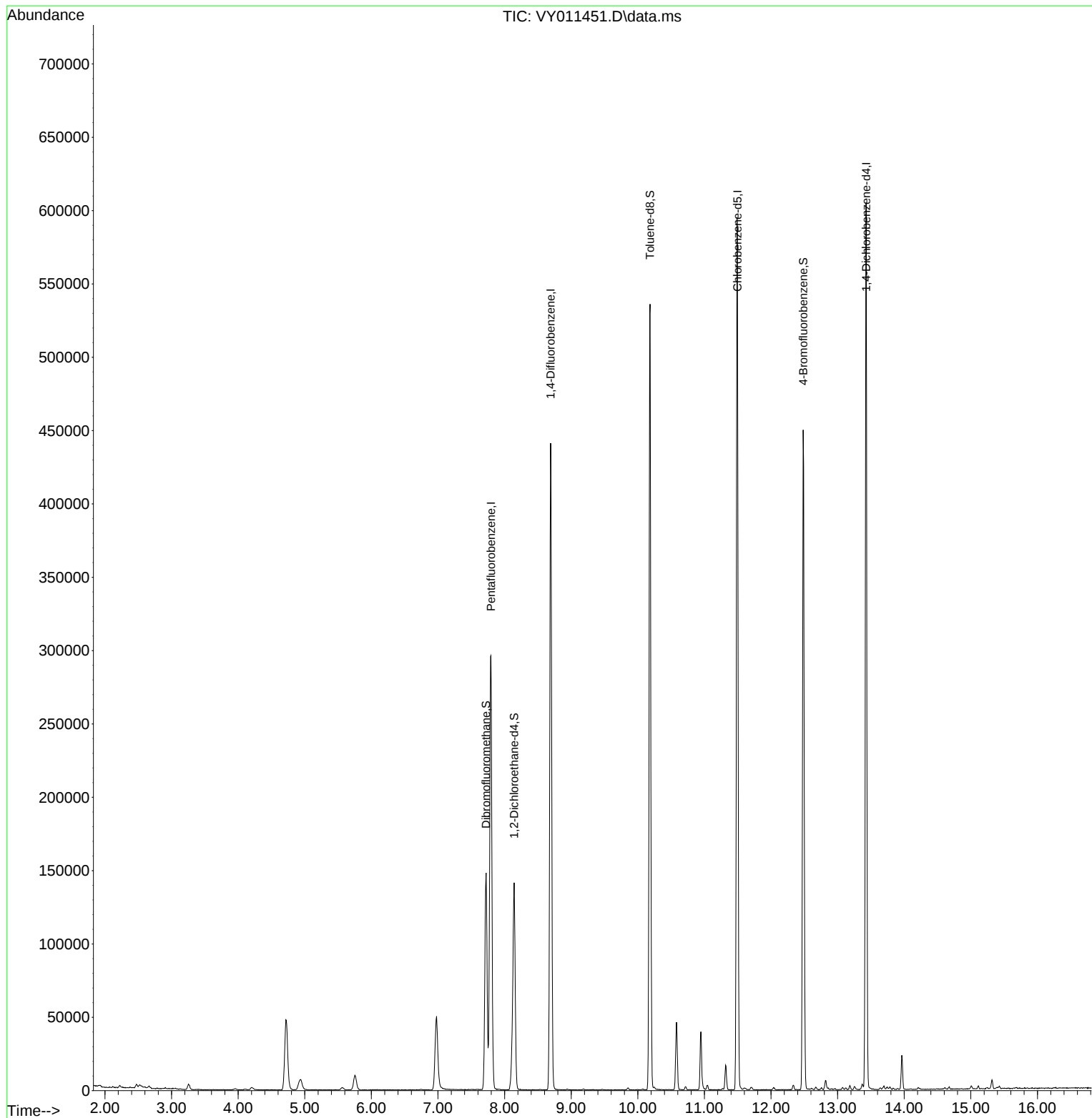
Target Compounds	Qvalue

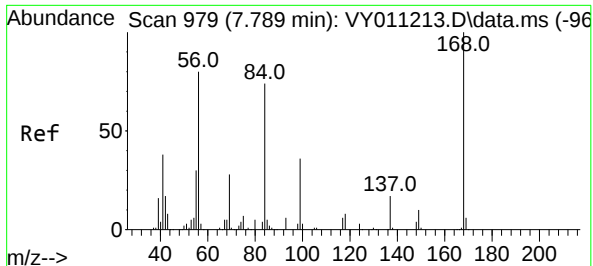
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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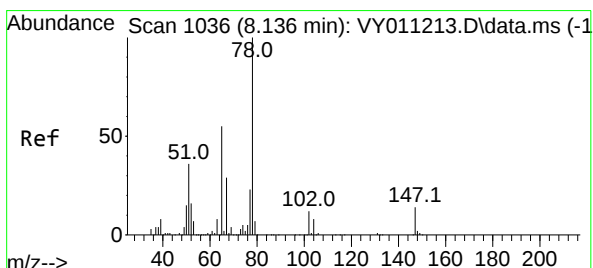
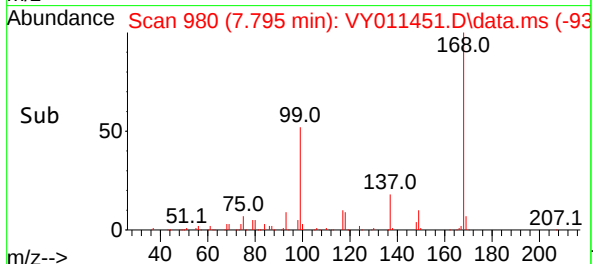
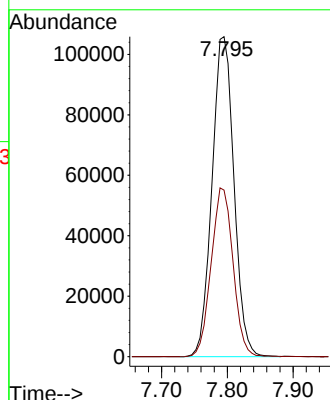
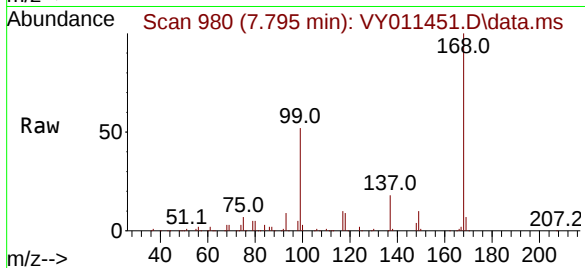




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

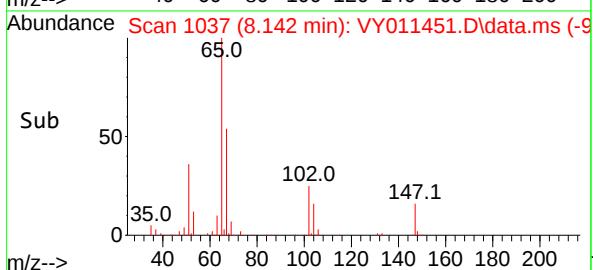
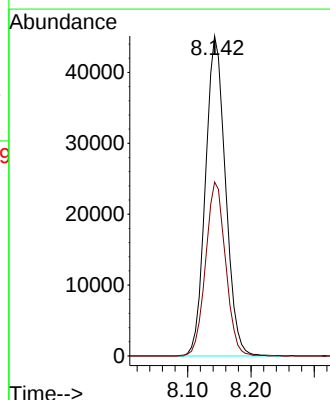
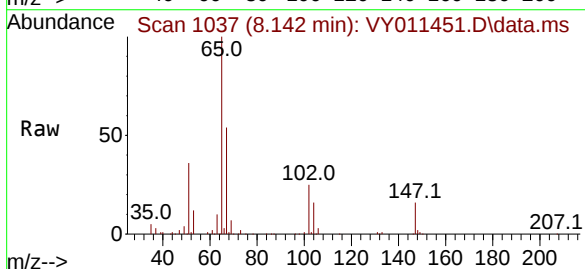
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

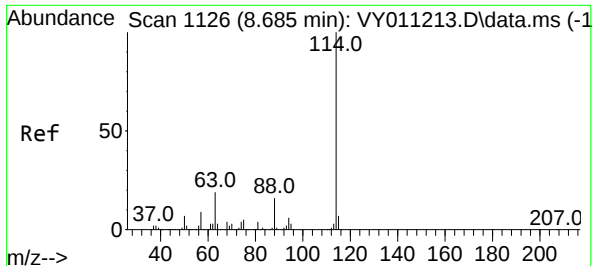
Tgt Ion:168 Resp: 245846
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.221 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 65 Resp: 99341
Ion Ratio Lower Upper
65 100
67 54.1 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: VY011451.D

Acq: 15 Nov 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBL01

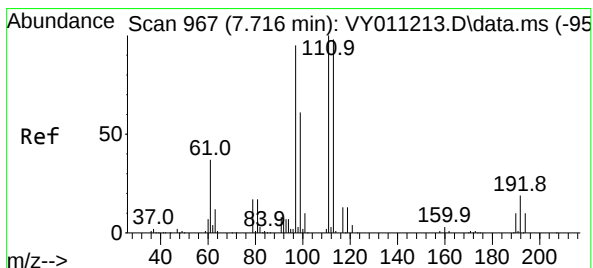
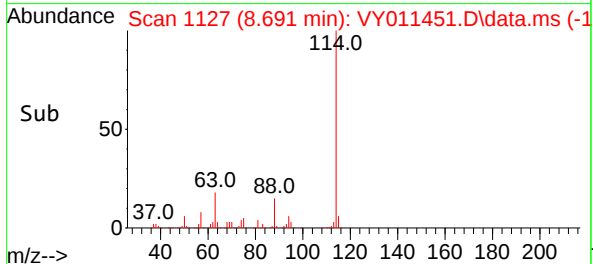
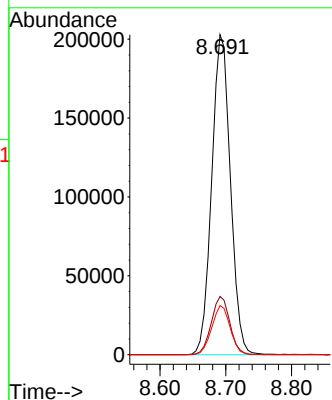
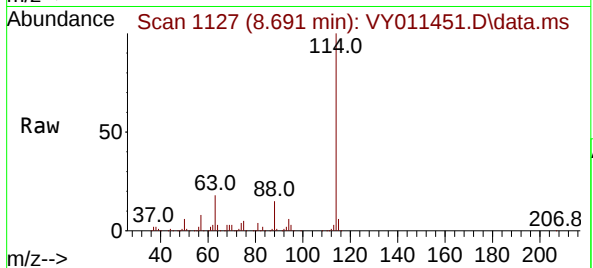
Tgt Ion:114 Resp: 401129

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.718 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY011451.D

Acq: 15 Nov 2022 12:35

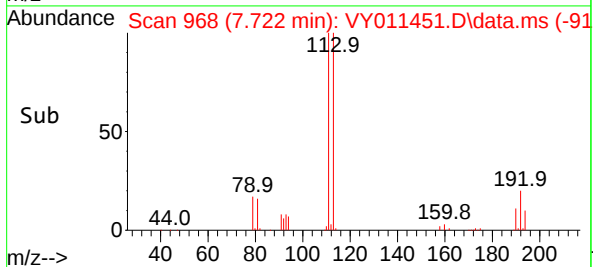
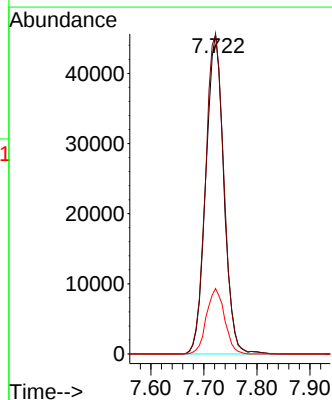
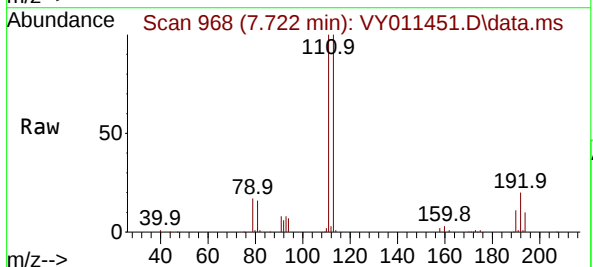
Tgt Ion:113 Resp: 107270

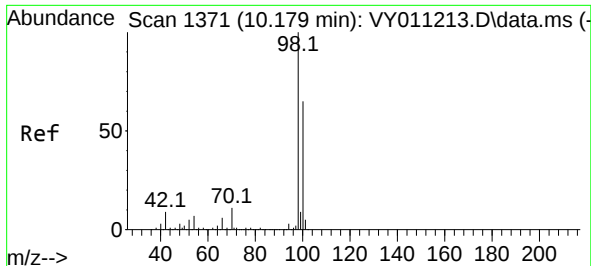
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.6 17.6 26.4

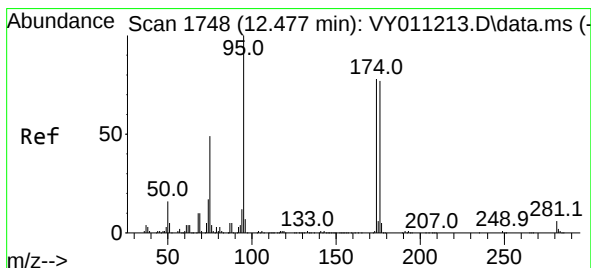
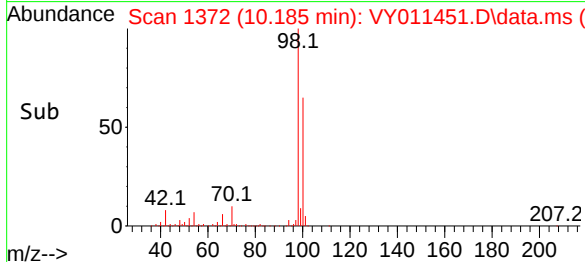
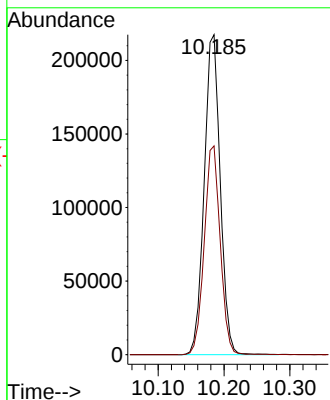
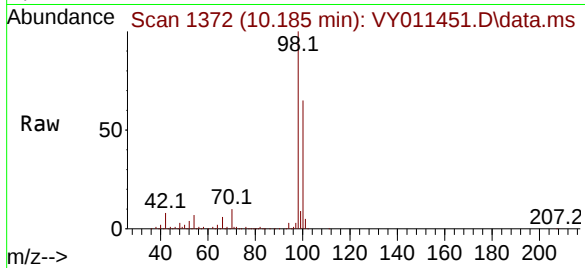




#50
Toluene-d8
Concen: 42.918 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

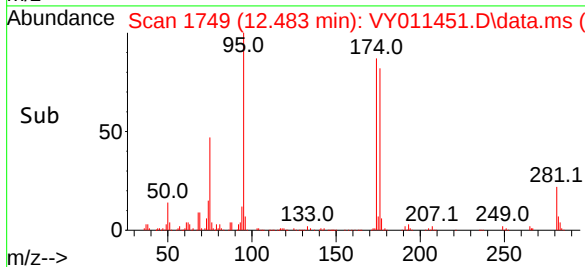
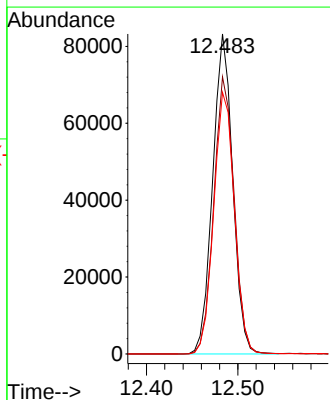
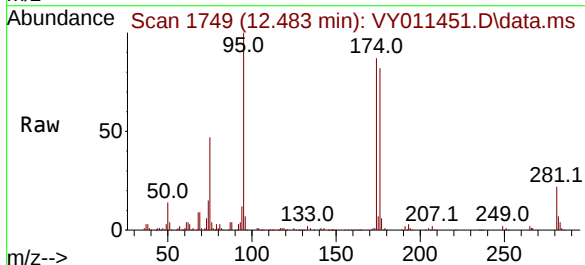
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

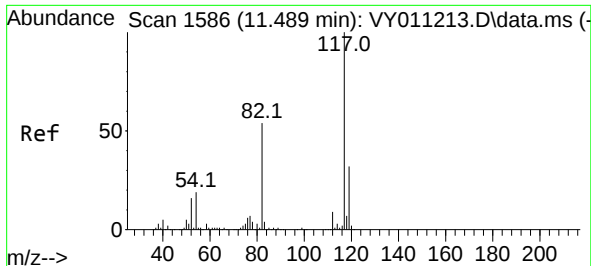
Tgt Ion: 98 Resp: 368588
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.260 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 95 Resp: 126588
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 84.6 0.0 175.8

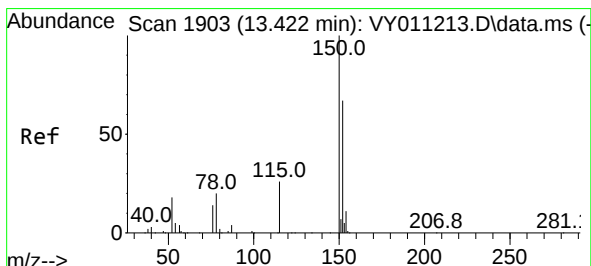
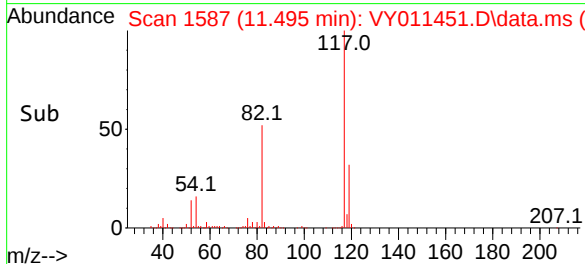
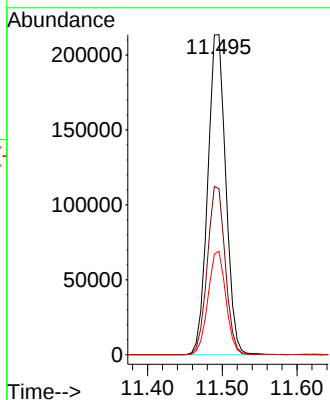
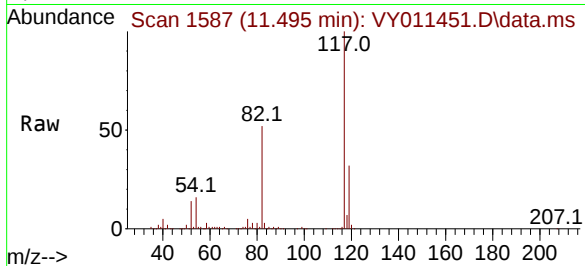




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

Tgt Ion:117 Resp: 357429
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.3 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: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion:152 Resp: 163024
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.2 0.0 347.6

