

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011655.D
 Acq On : 01 Dec 2022 12:21
 Operator : KP/MD
 Sample : VY1201SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBL01

Quant Time: Dec 02 03:18:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	168087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107095	62.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.500%
35) Dibromofluoromethane	7.722	113	101230	57.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.660%
50) Toluene-d8	10.179	98	328441	51.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.483	95	118981	50.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.180%

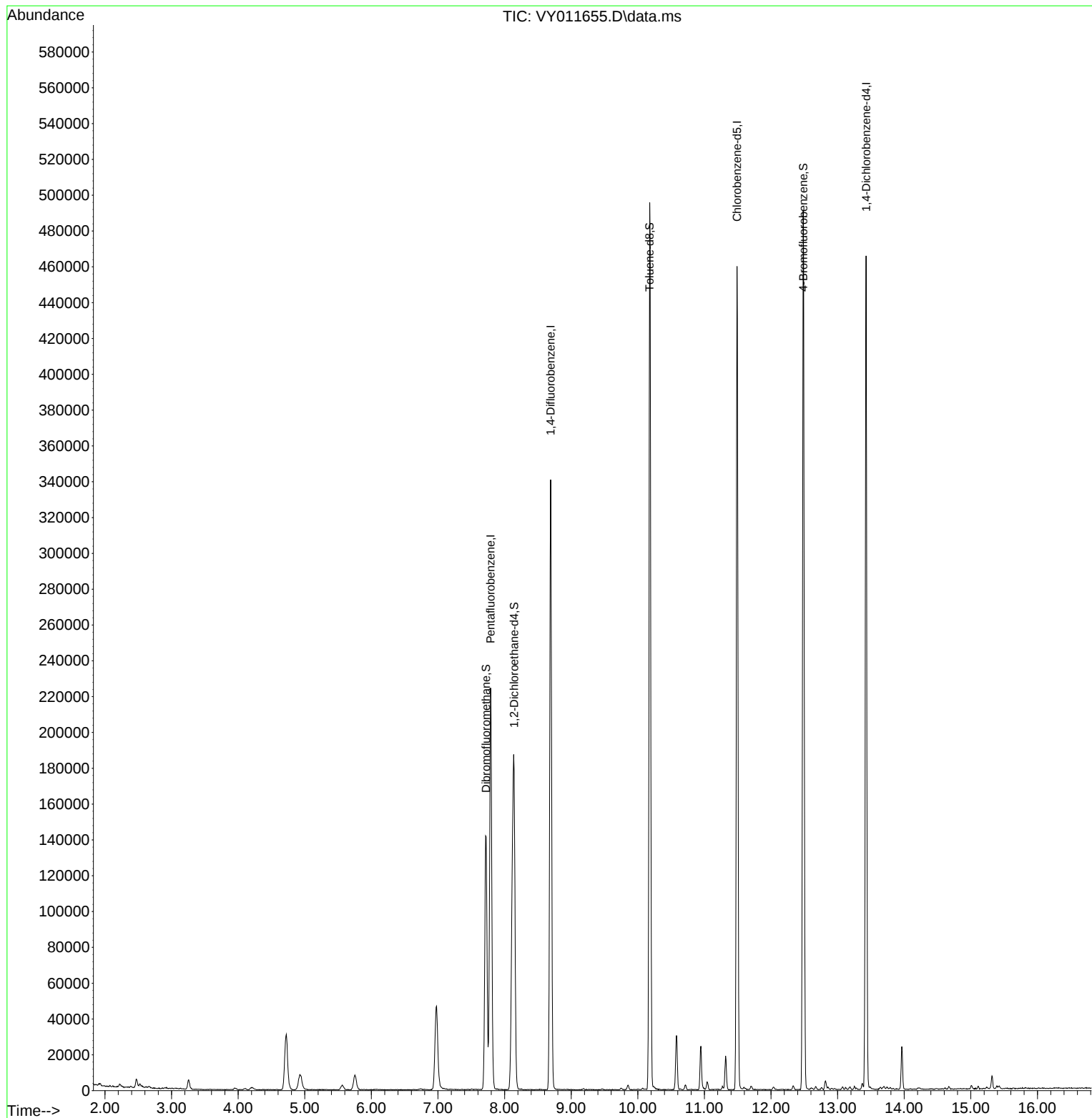
Target Compounds	Qvalue

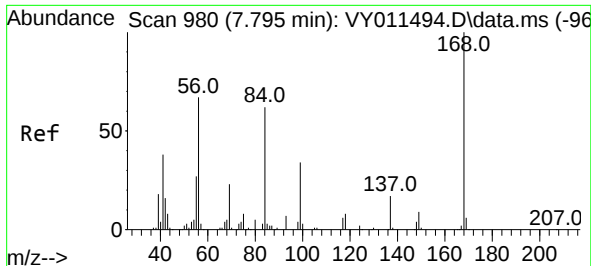
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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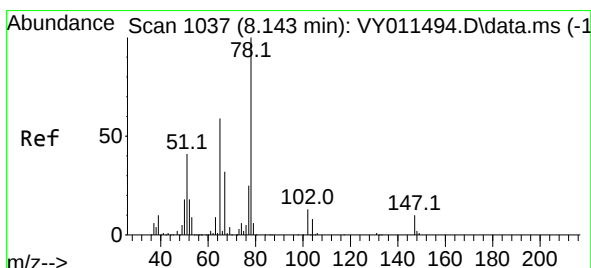
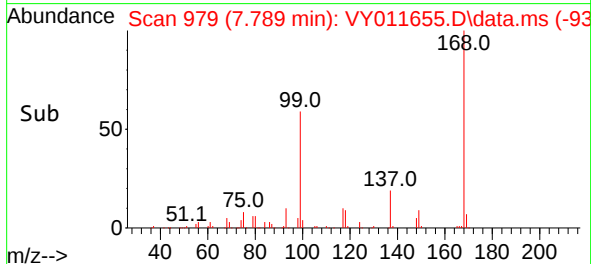
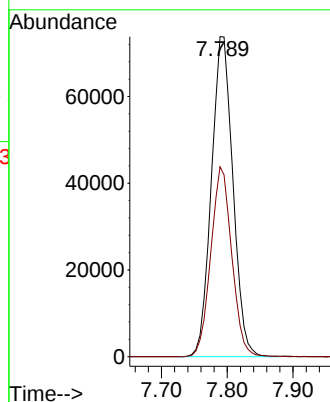
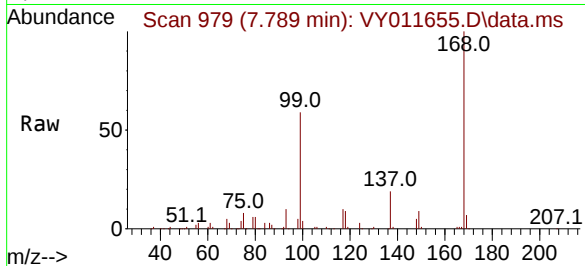




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011655.D
Acq: 01 Dec 2022 12:21

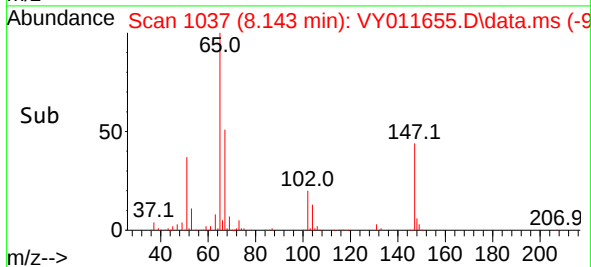
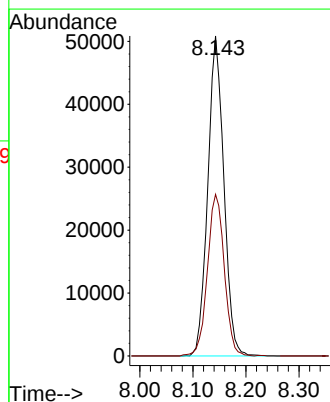
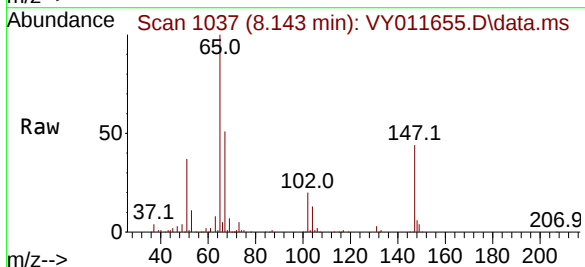
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

Tgt Ion:168 Resp: 168087
Ion Ratio Lower Upper
168 100
99 59.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.748 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011655.D
Acq: 01 Dec 2022 12:21

Tgt Ion: 65 Resp: 107095
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011655.D

Acq: 01 Dec 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBL01

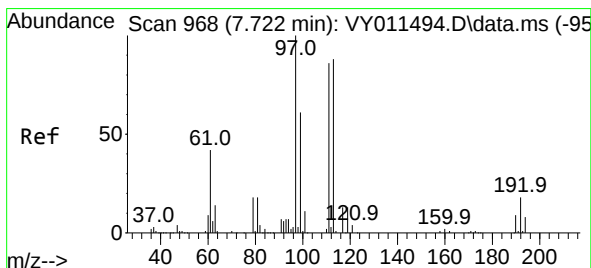
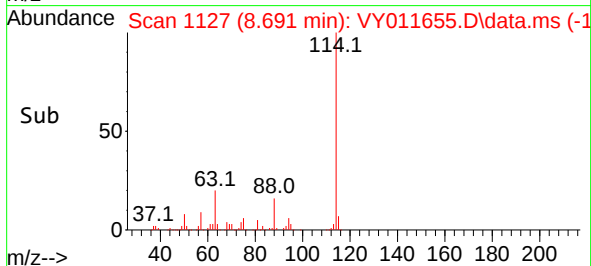
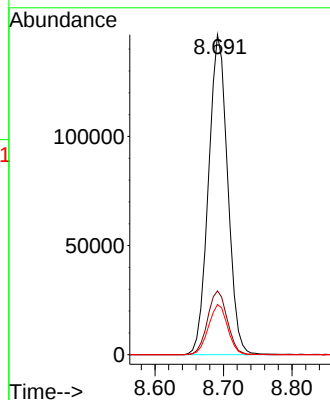
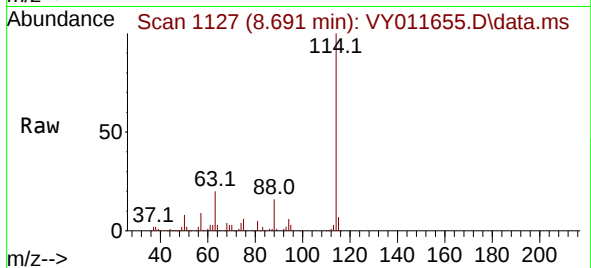
Tgt Ion:114 Resp: 284377

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.826 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011655.D

Acq: 01 Dec 2022 12:21

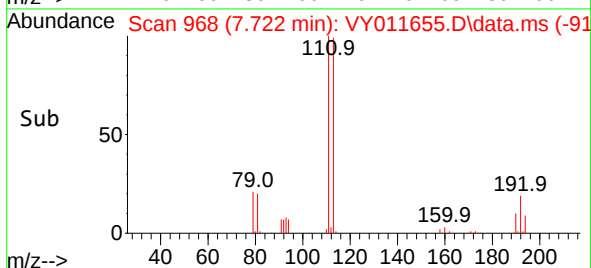
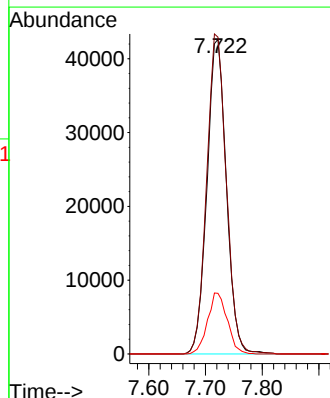
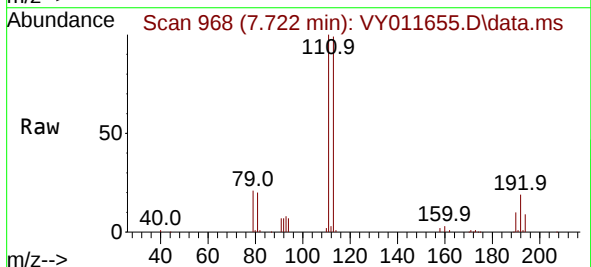
Tgt Ion:113 Resp: 101230

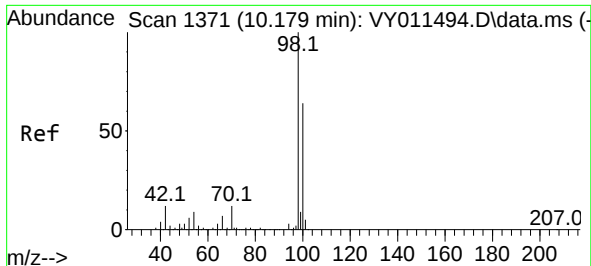
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.7 17.6 26.4

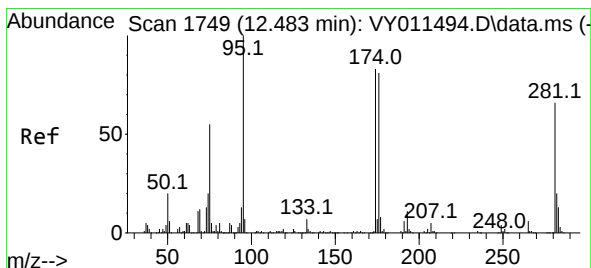
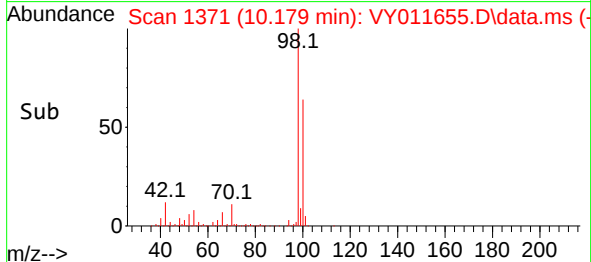
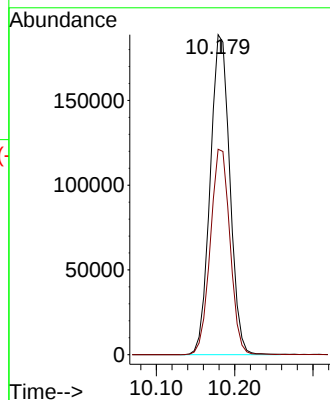
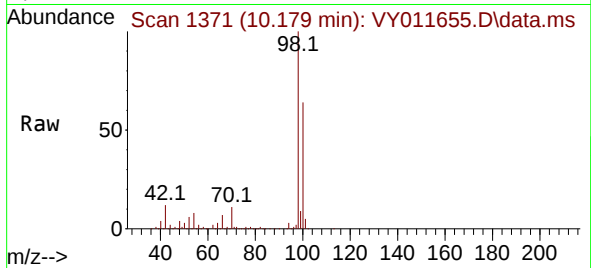




#50
Toluene-d8
Concen: 51.629 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011655.D
Acq: 01 Dec 2022 12:21

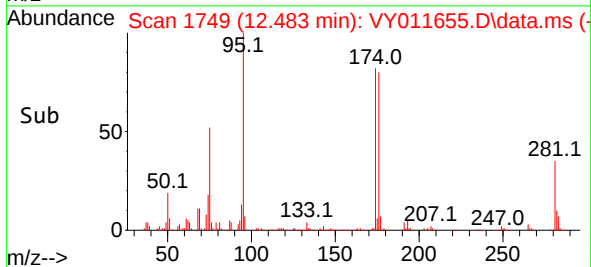
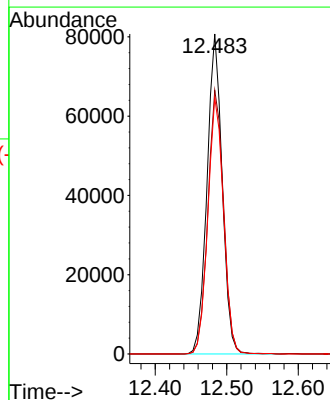
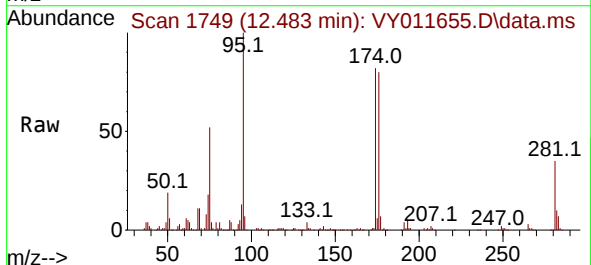
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

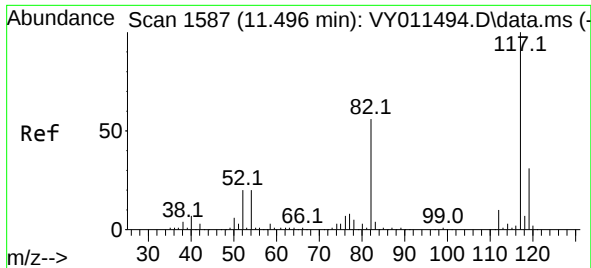
Tgt Ion: 98 Resp: 328441
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.586 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011655.D
Acq: 01 Dec 2022 12:21

Tgt Ion: 95 Resp: 118981
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 82.8 0.0 175.8

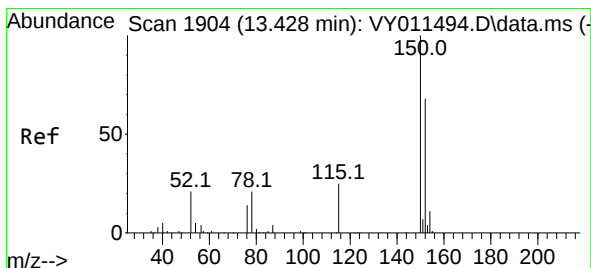
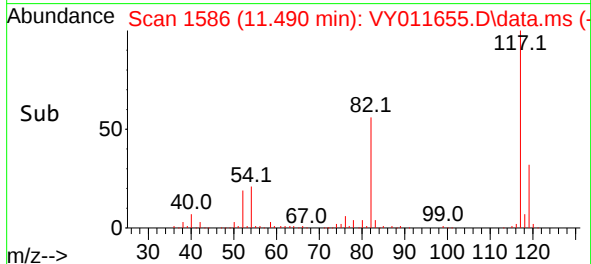
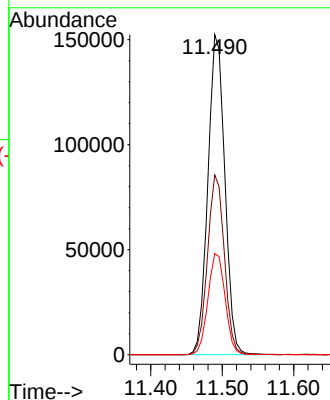
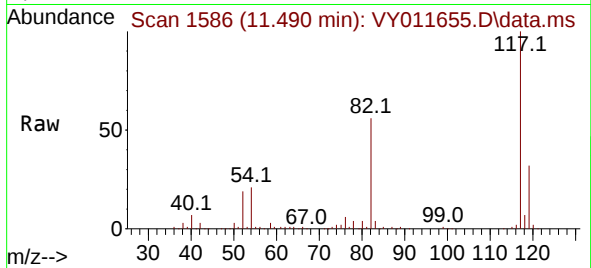




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011655.D
Acq: 01 Dec 2022 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

Tgt Ion:117 Resp: 250894
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011655.D
Acq: 01 Dec 2022 12:21

Tgt Ion:152 Resp: 117666
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 155.8 0.0 347.6

