

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010653.D
 Acq On : 23 Sep 2022 16:56
 Operator : KP/MD
 Sample : N4724-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-11.5-12.0

Quant Time: Sep 24 01:22:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	381090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	403906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93339	49.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.000%
35) Dibromofluoromethane	7.716	113	89070	36.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.240%
50) Toluene-d8	10.179	98	341829	38.777	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.560%
62) 4-Bromofluorobenzene	12.483	95	111683	32.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.080%

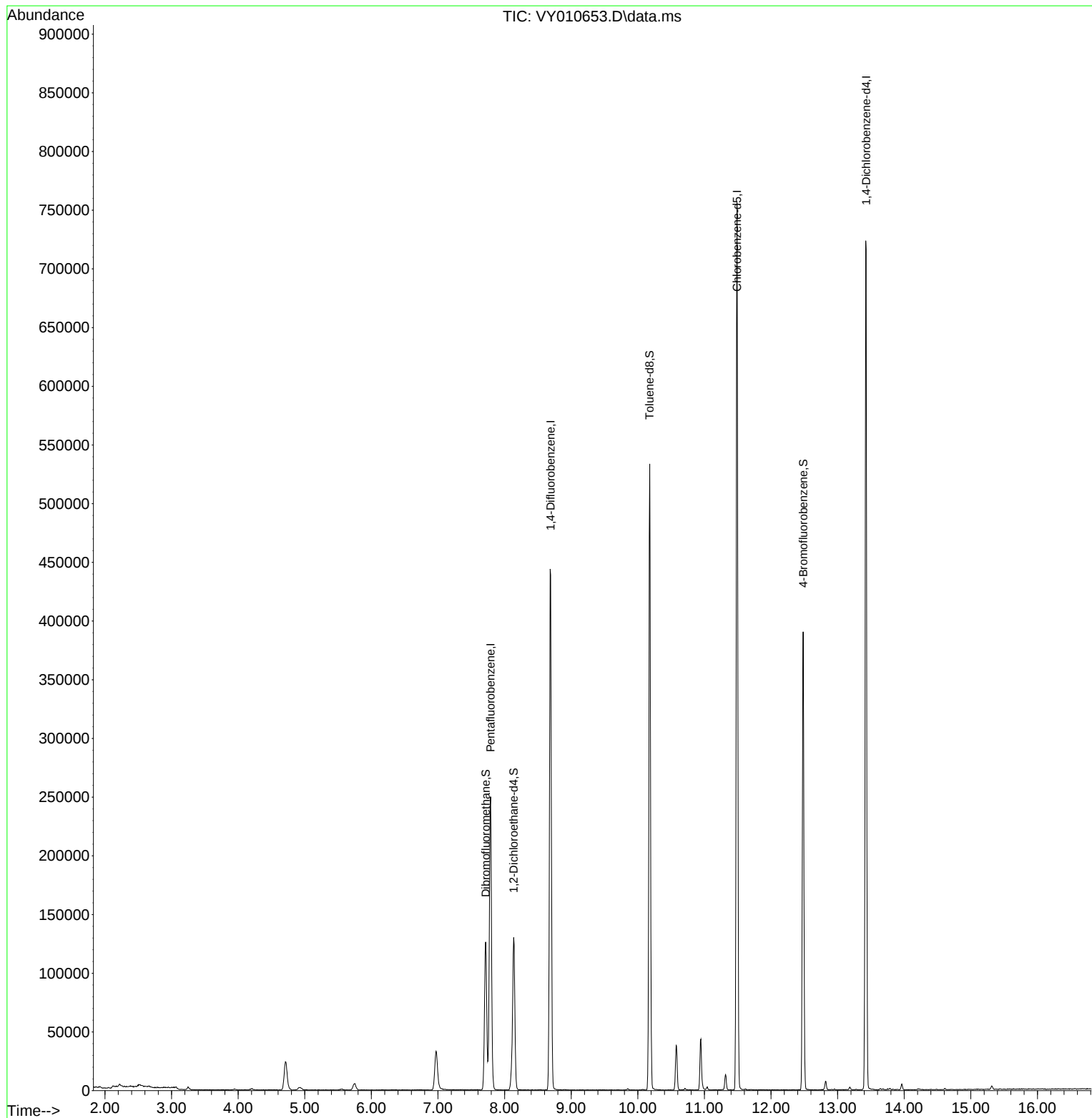
Target Compounds	Qvalue

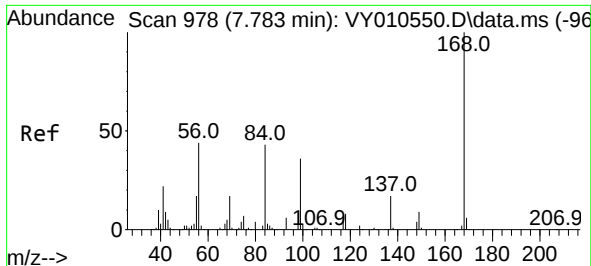
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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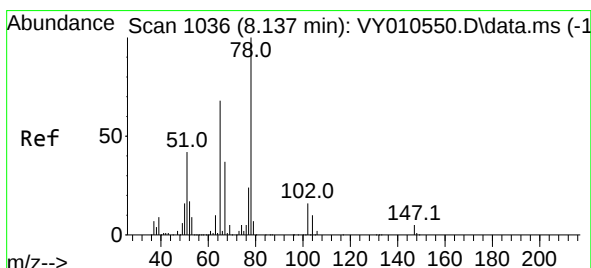
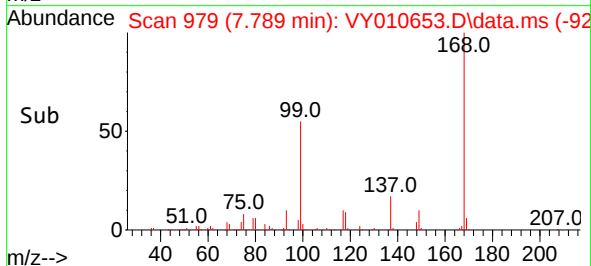
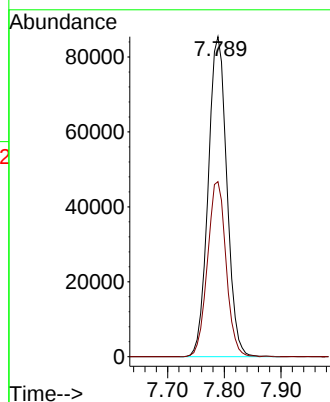
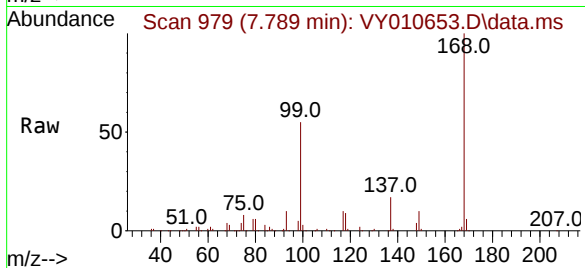




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010653.D
Acq: 23 Sep 2022 16:56

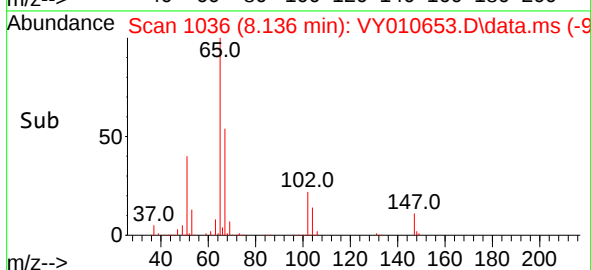
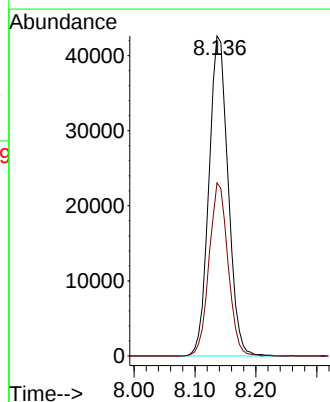
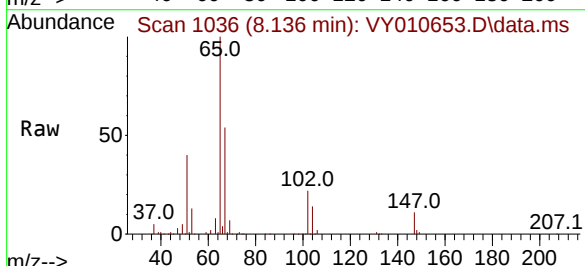
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-11.5-12.0

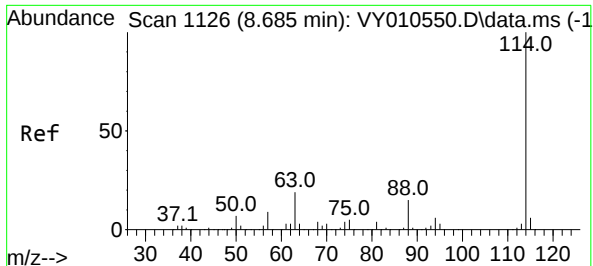
Tgt Ion:168 Resp: 195184
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.997 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010653.D
Acq: 23 Sep 2022 16:56

Tgt Ion: 65 Resp: 93339
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010653.D

Acq: 23 Sep 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-09-11.5-12.0

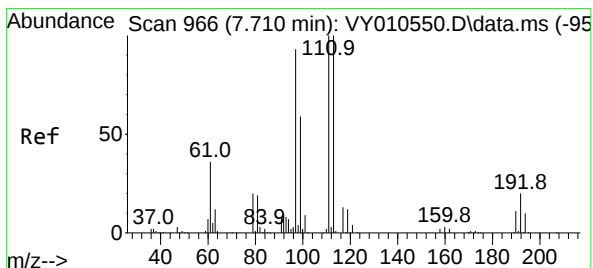
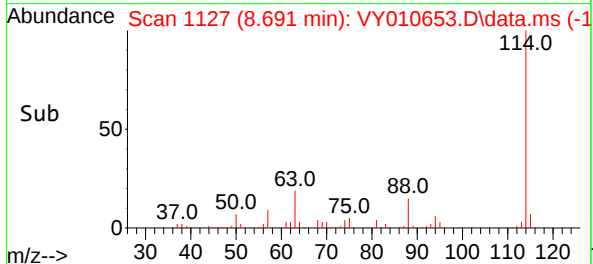
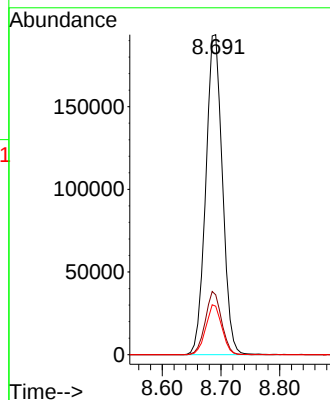
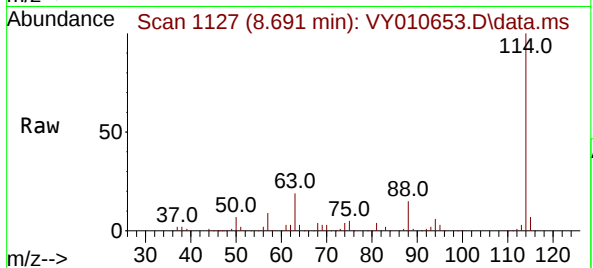
Tgt Ion:114 Resp: 381090

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.622 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010653.D

Acq: 23 Sep 2022 16:56

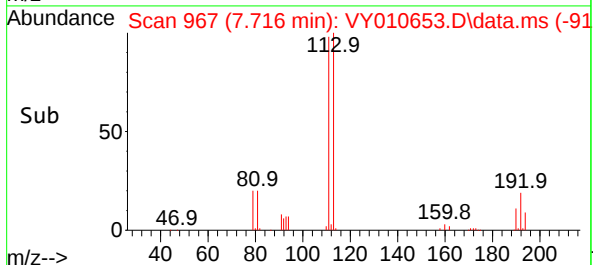
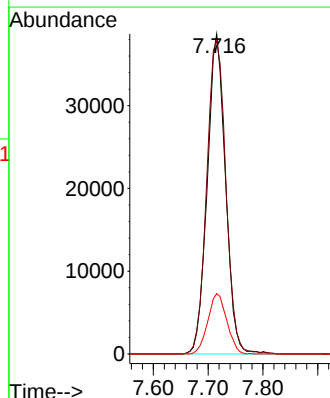
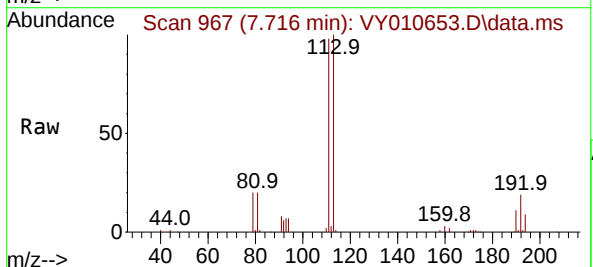
Tgt Ion:113 Resp: 89070

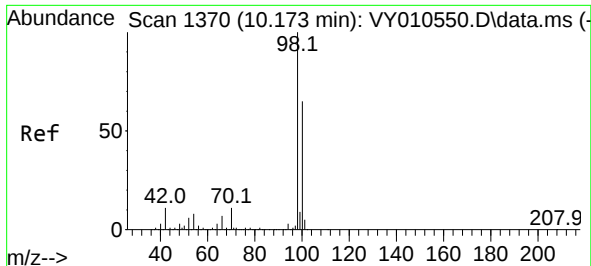
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.6 17.6 26.4

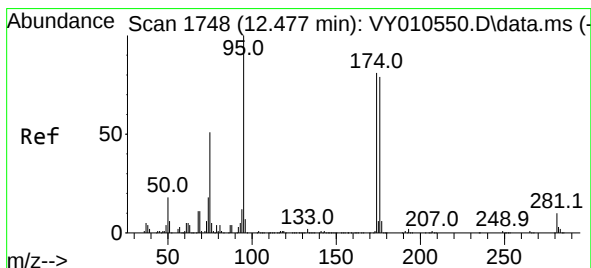
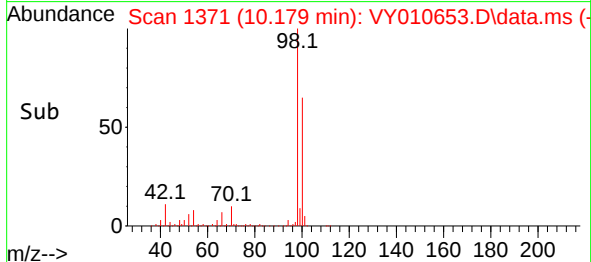
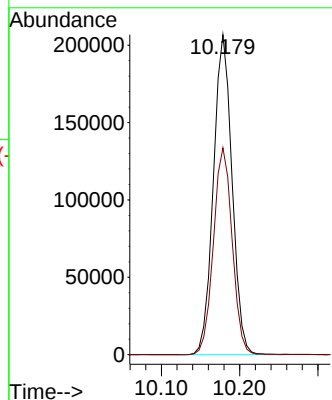
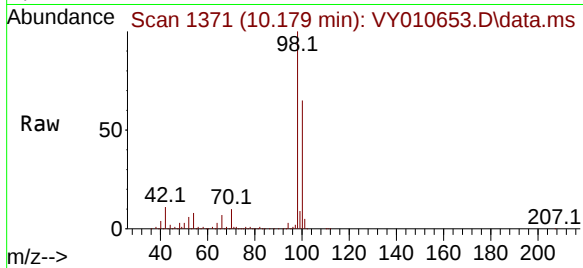




#50
Toluene-d8
Concen: 38.777 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010653.D
Acq: 23 Sep 2022 16:56

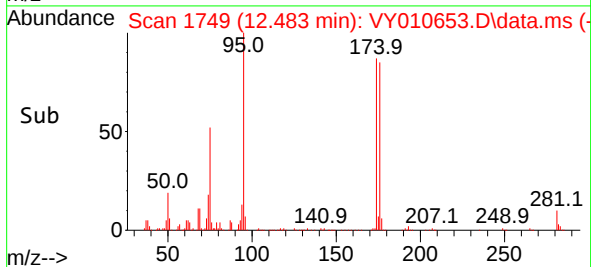
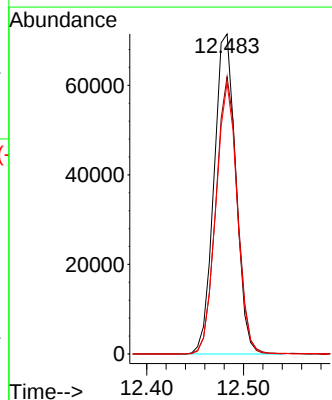
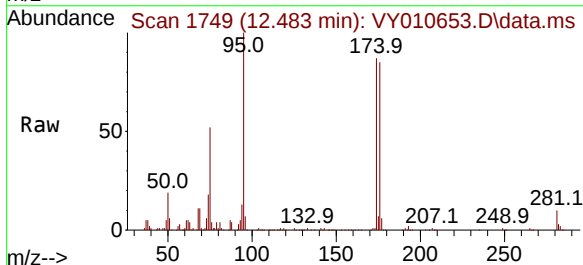
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-11.5-12.0

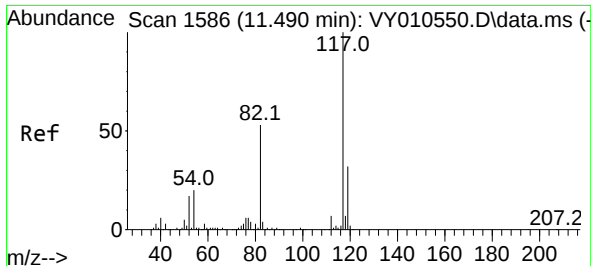
Tgt Ion: 98 Resp: 341829
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.536 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010653.D
Acq: 23 Sep 2022 16:56

Tgt Ion: 95 Resp: 111683
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.8 0.0 175.8

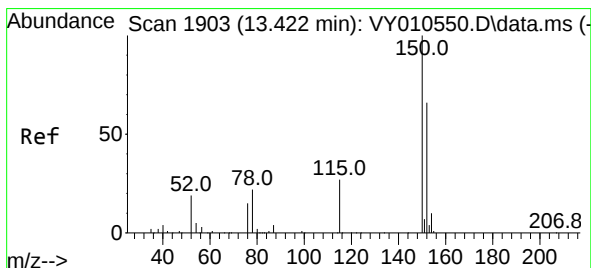
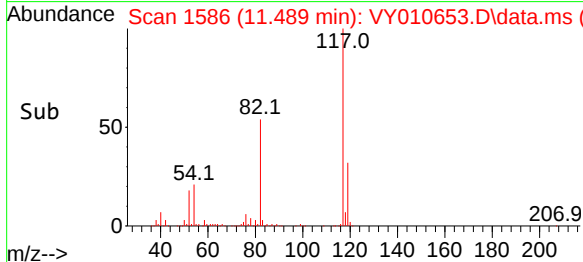
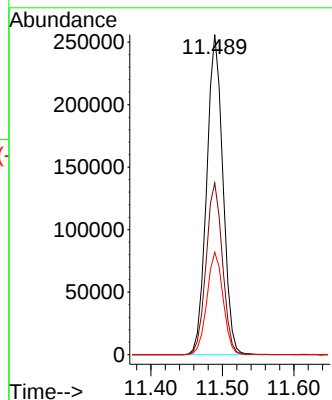
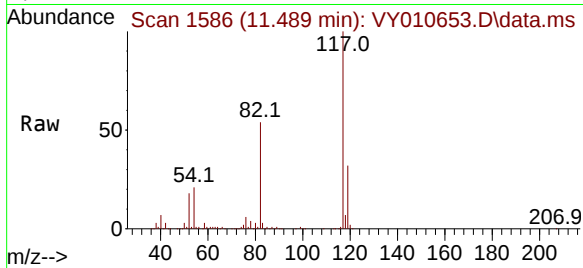




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010653.D
Acq: 23 Sep 2022 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-11.5-12.0

Tgt Ion:117 Resp: 403906
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.0 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: VY010653.D
Acq: 23 Sep 2022 16:56

Tgt Ion:152 Resp: 187867
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 157.5 0.0 347.6

