

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010691.D
 Acq On : 27 Sep 2022 12:36
 Operator : KP/MD
 Sample : N4751-01
 Misc : 11.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

Quant Time: Sep 28 01:24:55 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	213969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	361846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	332417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113526	55.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.940%
35) Dibromofluoromethane	7.716	113	112087	48.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.179	98	375781	44.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.800%
62) 4-Bromofluorobenzene	12.483	95	133820	41.806	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.620%

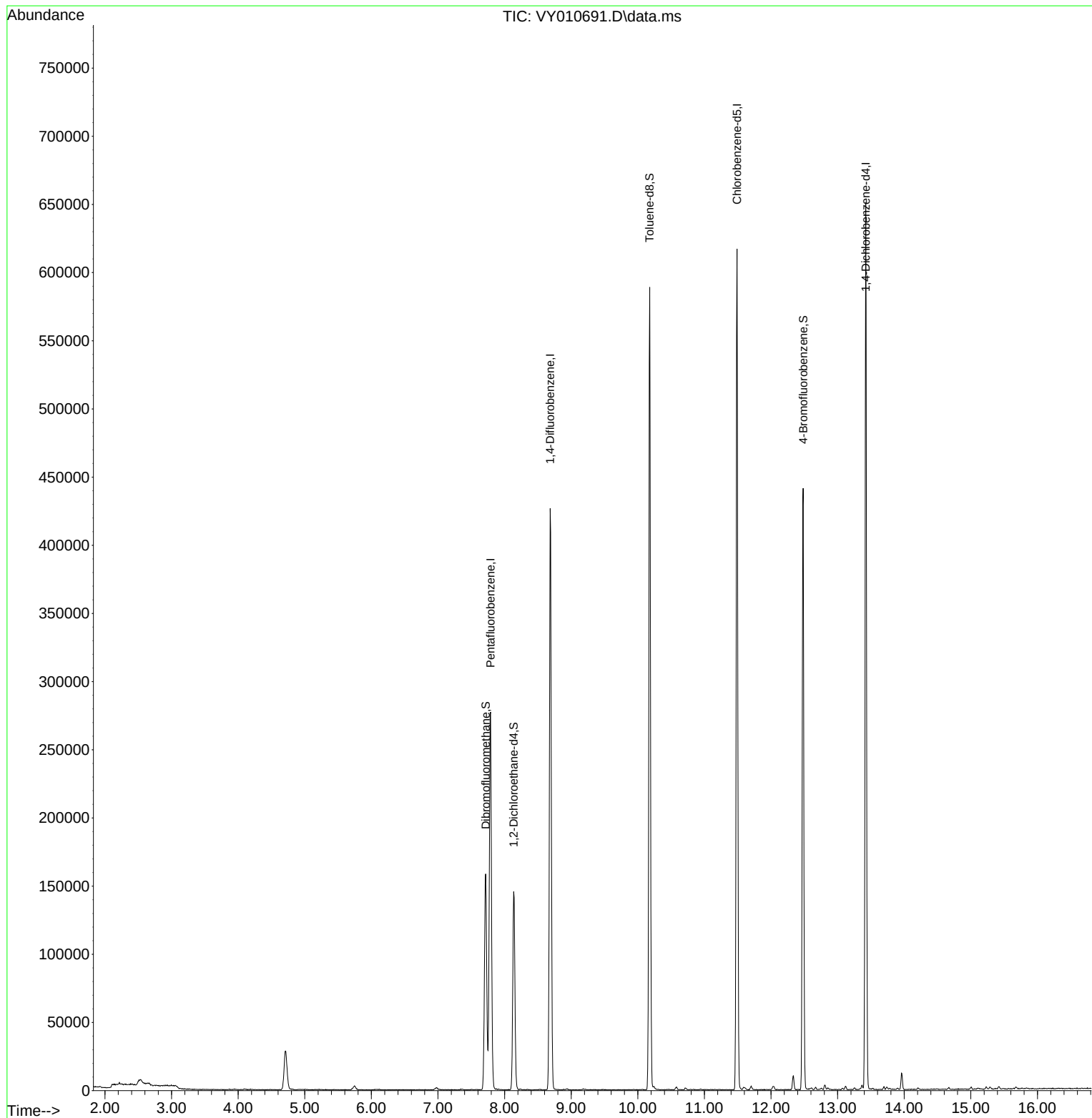
Target Compounds	Qvalue

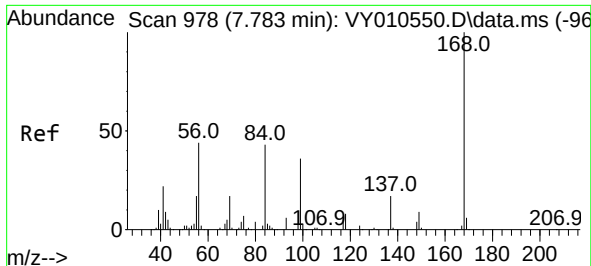
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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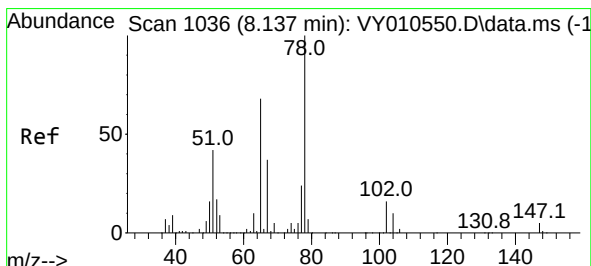
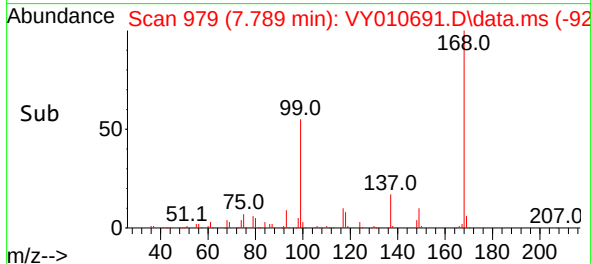
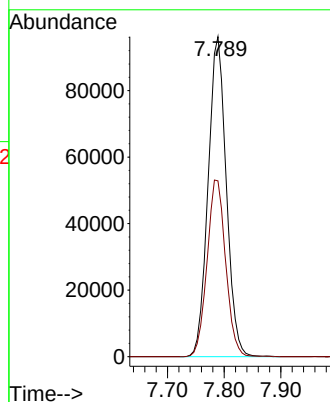
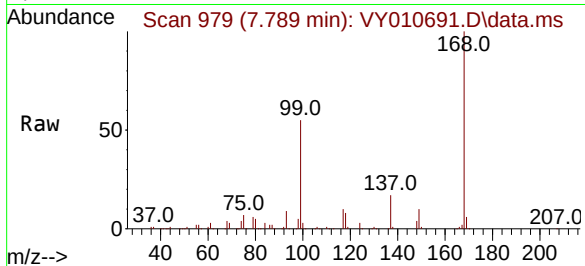




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010691.D
Acq: 27 Sep 2022 12:36

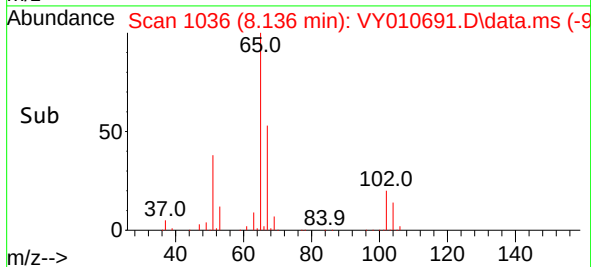
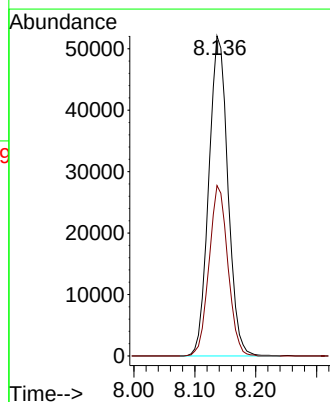
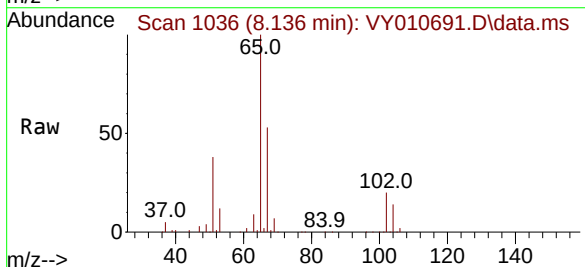
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

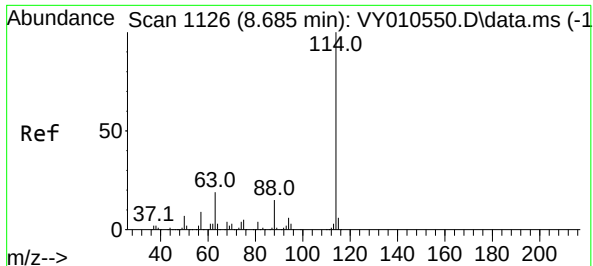
Tgt Ion:168 Resp: 213969
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.472 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010691.D
Acq: 27 Sep 2022 12:36

Tgt Ion: 65 Resp: 113526
Ion Ratio Lower Upper
65 100
67 52.4 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: VY010691.D

Acq: 27 Sep 2022 12:36

Instrument :

MSVOA_Y

ClientSampleId :

PE-1

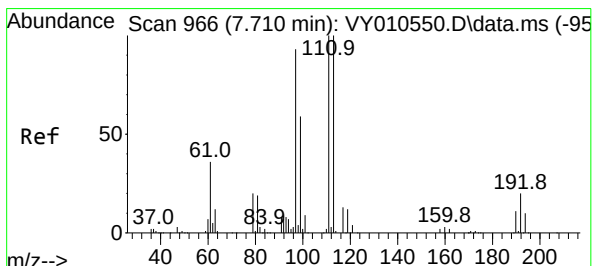
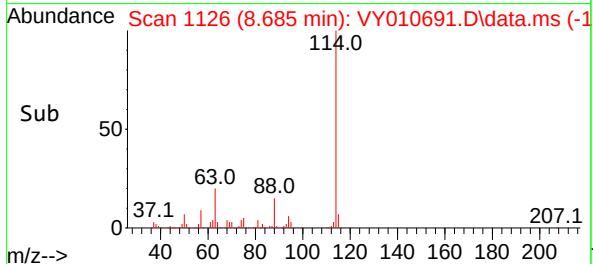
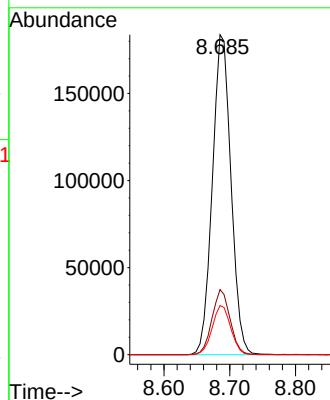
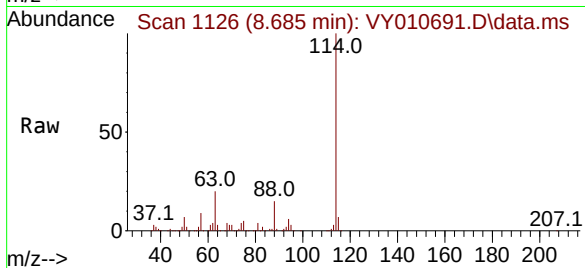
Tgt Ion:114 Resp: 361846

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.537 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010691.D

Acq: 27 Sep 2022 12:36

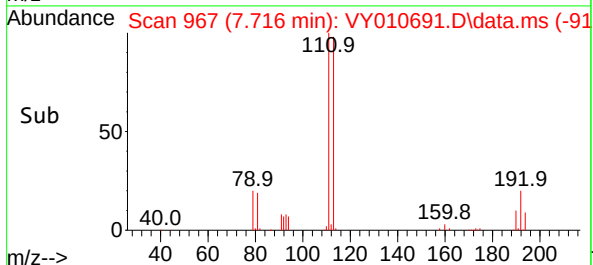
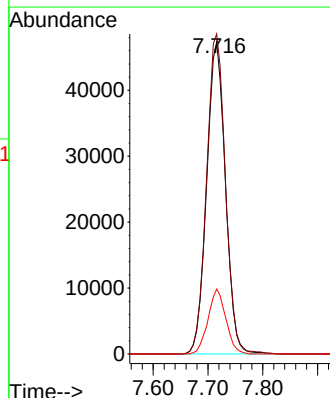
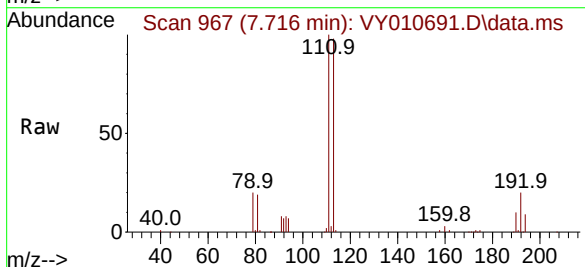
Tgt Ion:113 Resp: 112087

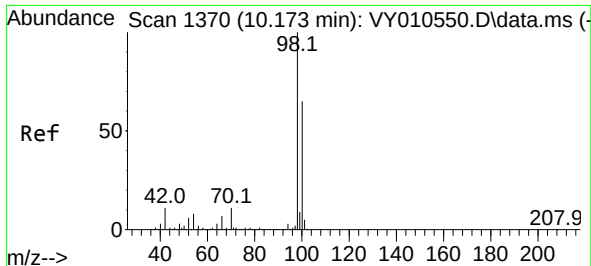
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.8 17.6 26.4

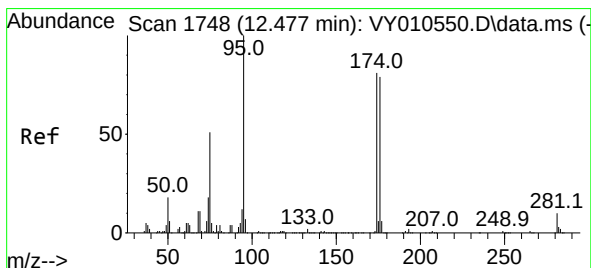
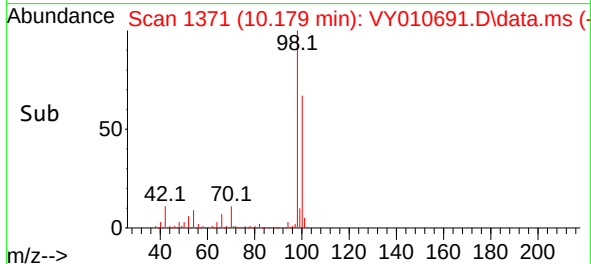
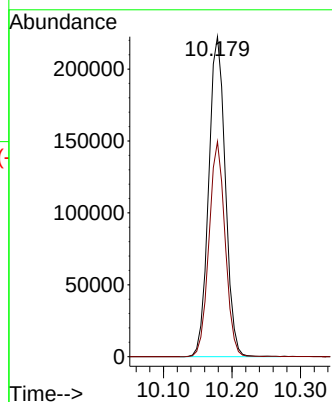
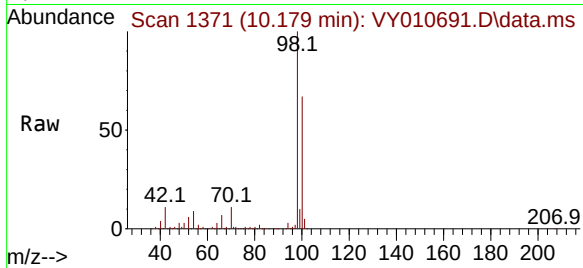




#50
Toluene-d8
Concen: 44.403 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010691.D
Acq: 27 Sep 2022 12:36

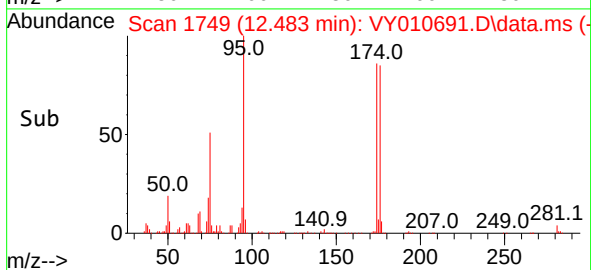
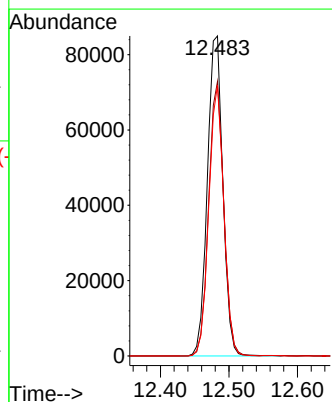
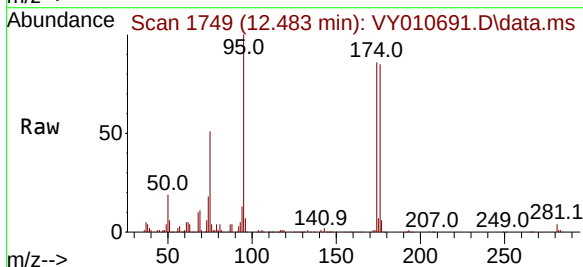
Instrument :
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ClientSampleId :
PE-1

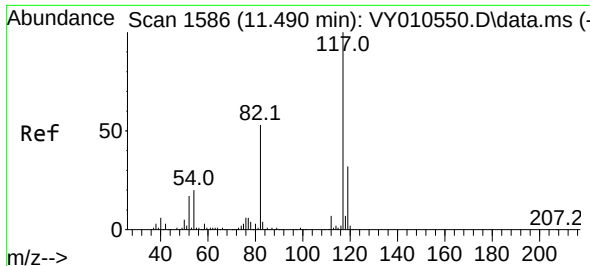
Tgt Ion: 98 Resp: 375781
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010691.D
Acq: 27 Sep 2022 12:36

Tgt Ion: 95 Resp: 133820
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.7 0.0 175.8

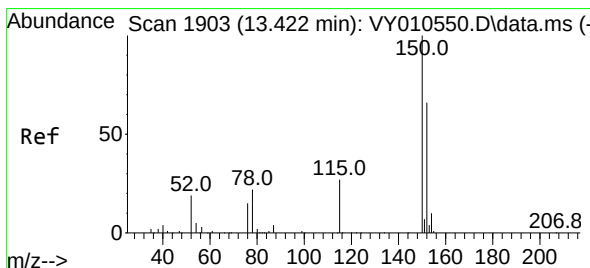
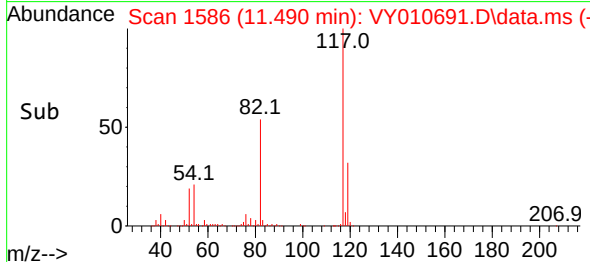
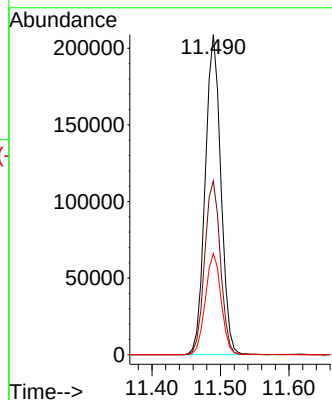
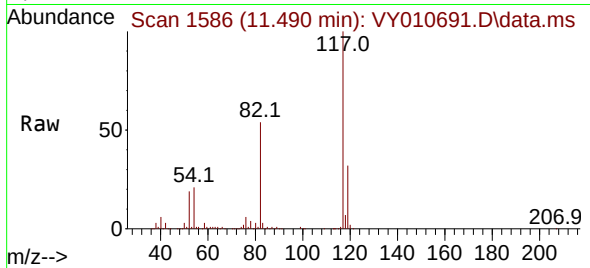




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010691.D
Acq: 27 Sep 2022 12:36

Instrument :
MSVOA_Y
ClientSampleId :
PE-1

Tgt Ion:117 Resp: 332417
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.6 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: VY010691.D
Acq: 27 Sep 2022 12:36

Tgt Ion:152 Resp: 157443
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.7 0.0 347.6

