

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010696.D
 Acq On : 27 Sep 2022 14:29
 Operator : KP/MD
 Sample : N4751-04
 Misc : 7.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Quant Time: Sep 28 01:25:36 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	209290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107906	53.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.800%
35) Dibromofluoromethane	7.710	113	108117	49.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.179	98	353553	43.838	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.477	95	117271	38.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.340%

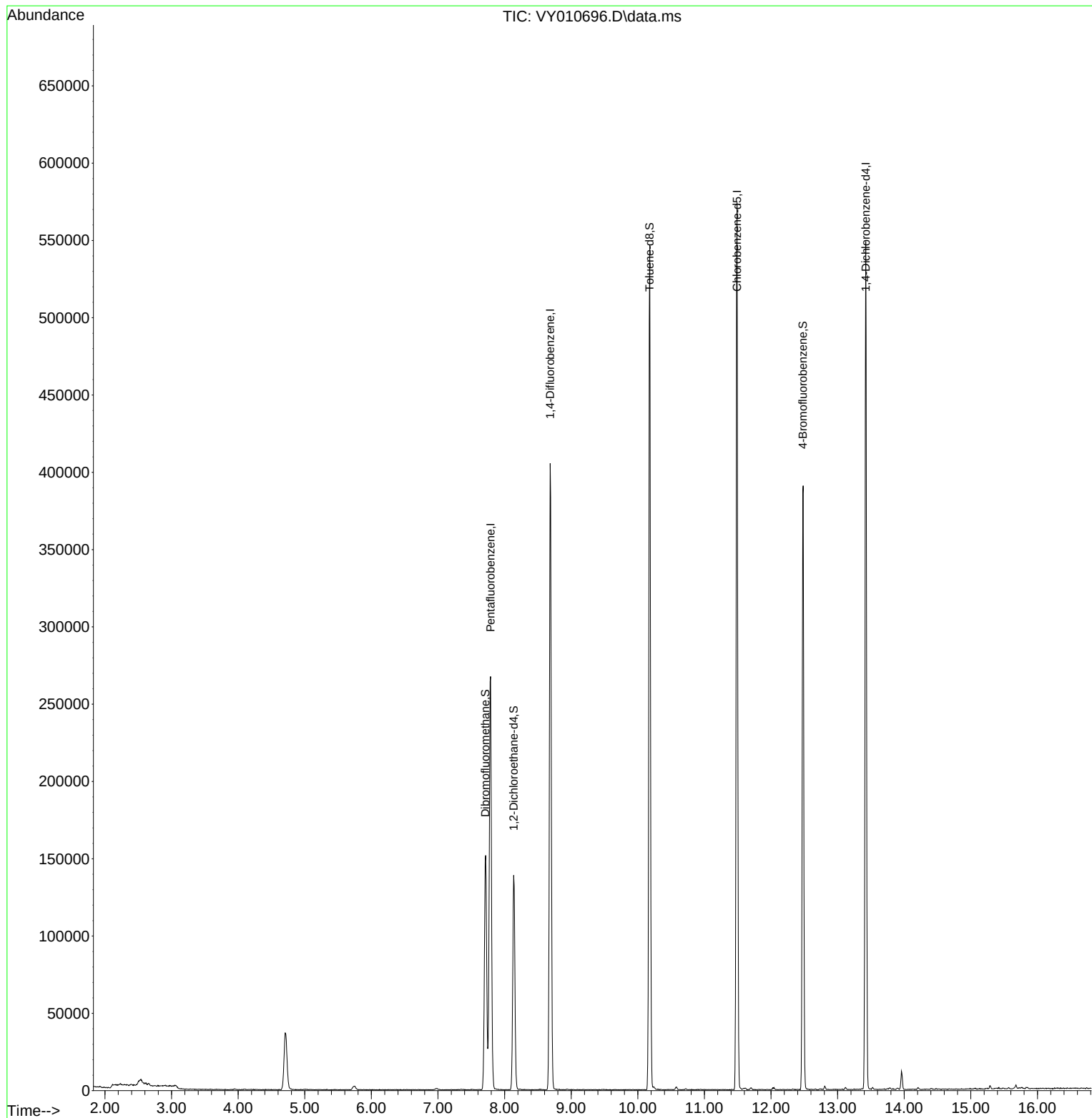
Target Compounds	Qvalue

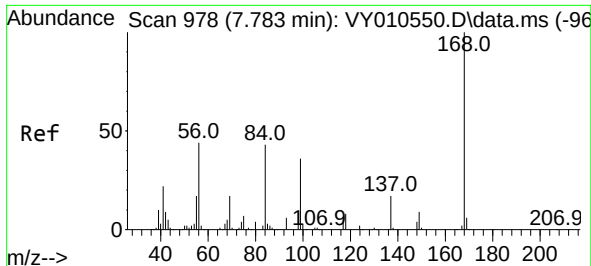
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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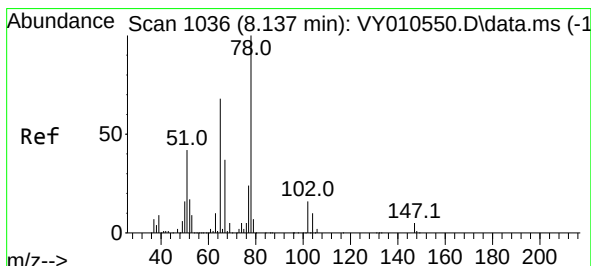
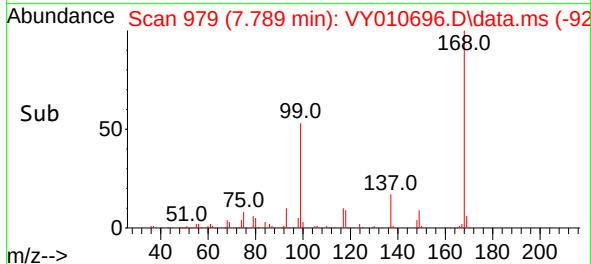
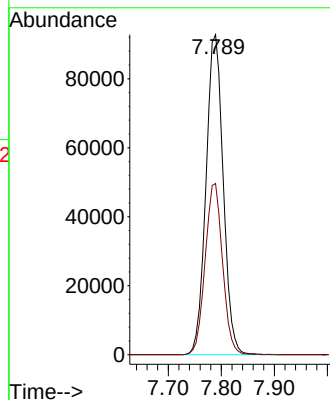
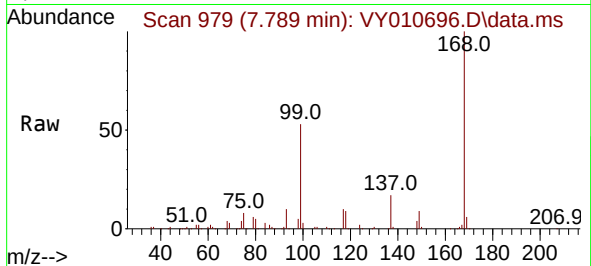




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

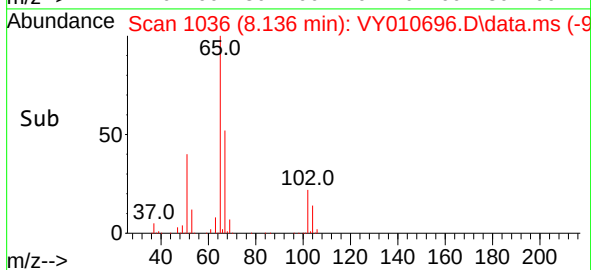
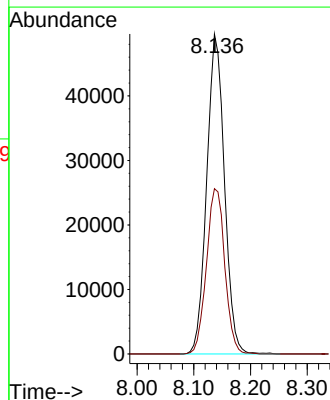
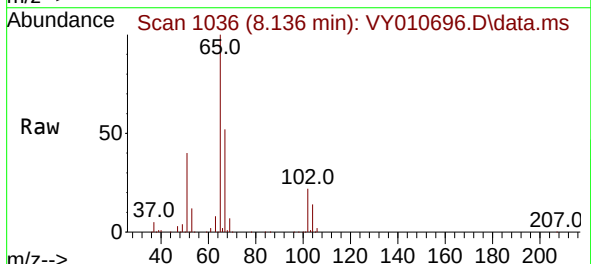
Instrument :
MSVOA_Y
ClientSampleId :
PE-4

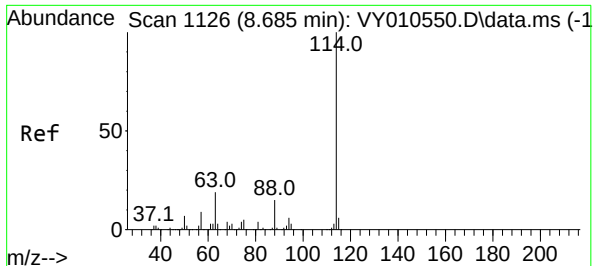
Tgt Ion:168 Resp: 209290
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.904 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Tgt Ion: 65 Resp: 107906
Ion Ratio Lower Upper
65 100
67 53.4 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: VY010696.D

Acq: 27 Sep 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :

PE-4

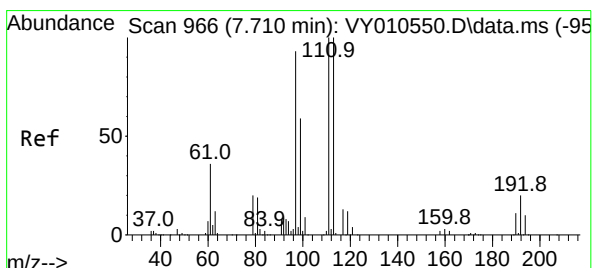
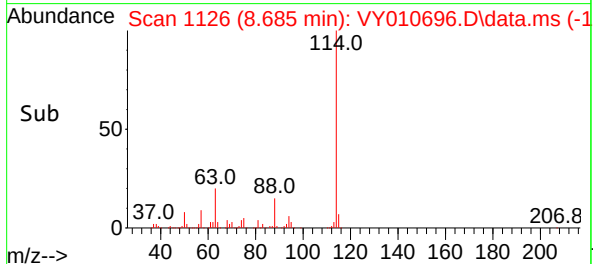
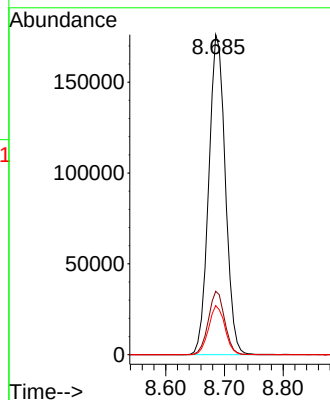
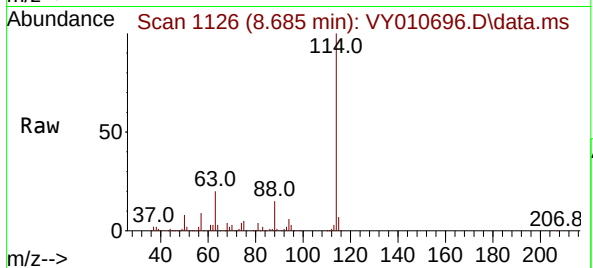
Tgt Ion:114 Resp: 345165

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.081 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010696.D

Acq: 27 Sep 2022 14:29

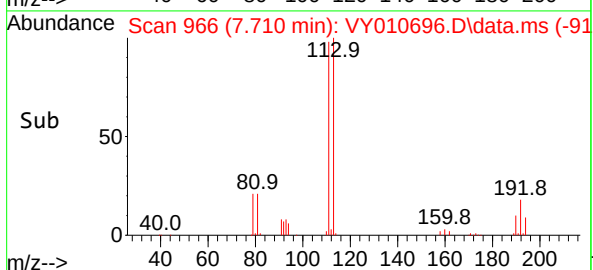
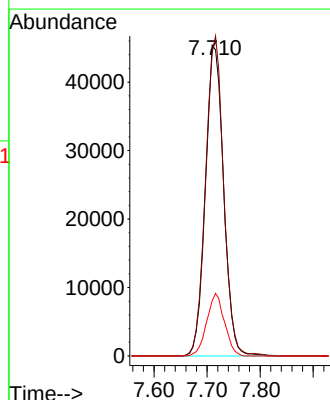
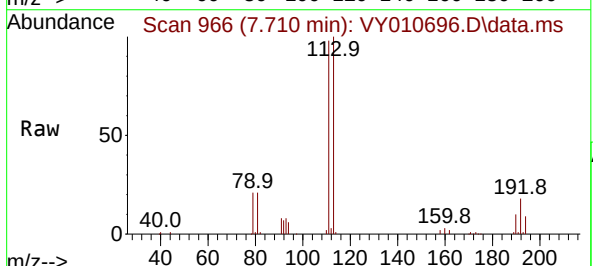
Tgt Ion:113 Resp: 108117

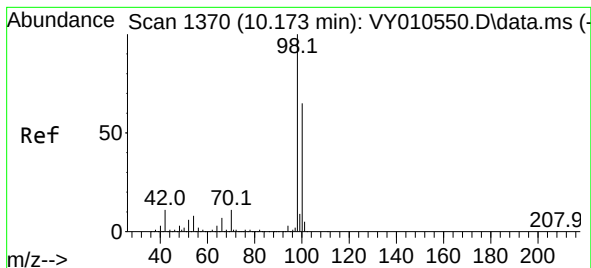
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.6 17.6 26.4

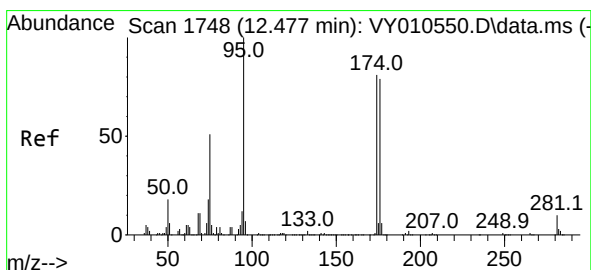
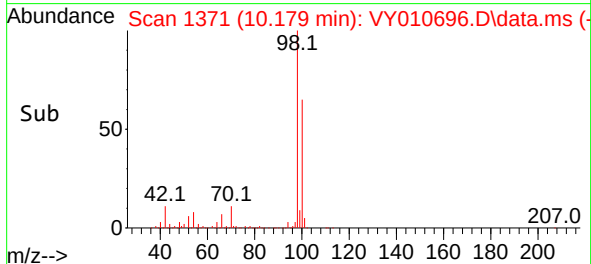
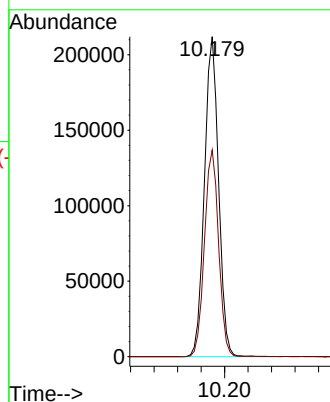
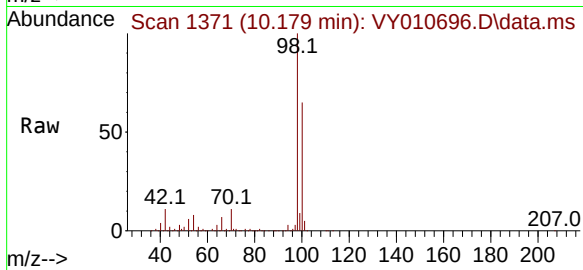




#50
Toluene-d8
Concen: 43.838 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

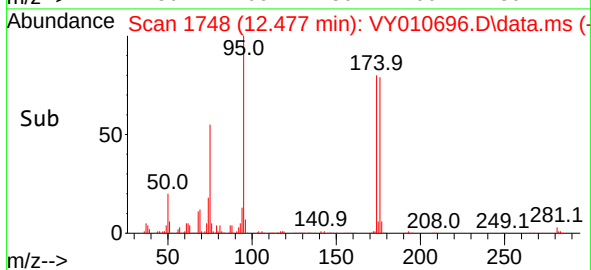
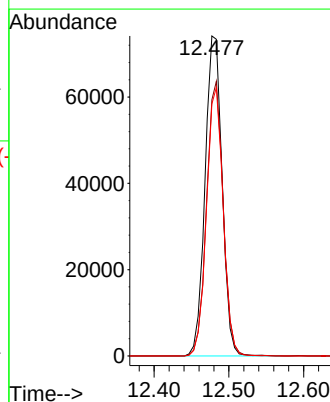
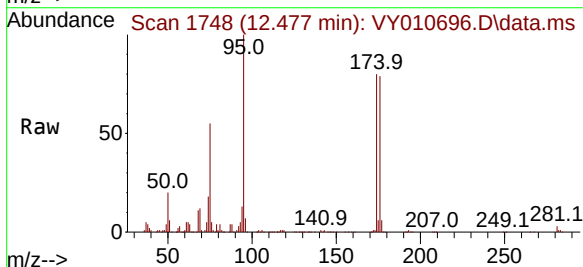
Instrument :
MSVOA_Y
ClientSampleId :
PE-4

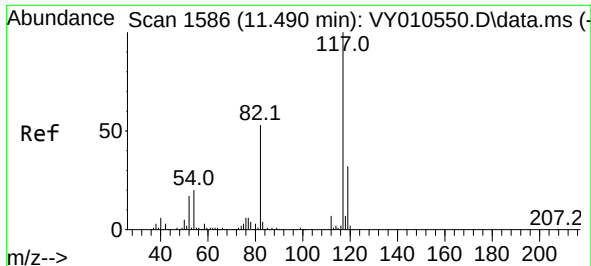
Tgt Ion: 98 Resp: 353553
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.174 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Tgt Ion: 95 Resp: 117271
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 81.8 0.0 175.8

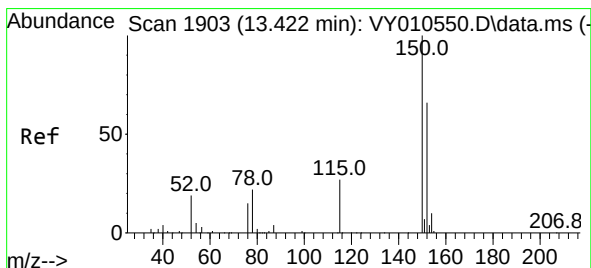
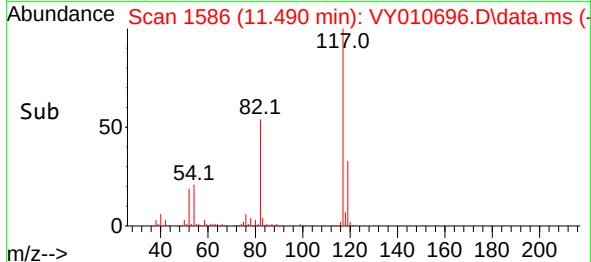
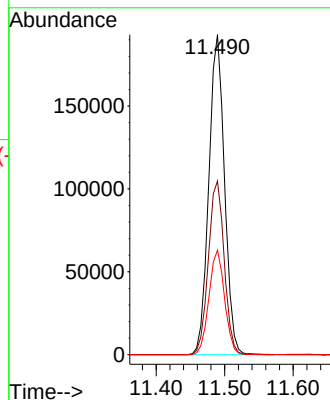
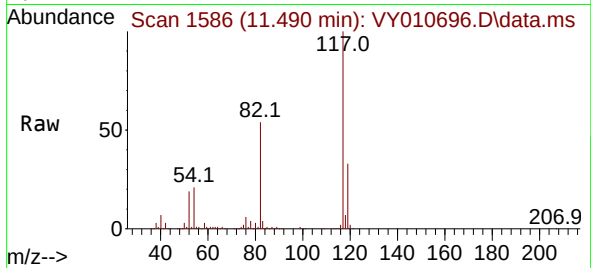




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :
PE-4

Tgt Ion:117 Resp: 307379
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.7 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: VY010696.D
Acq: 27 Sep 2022 14:29

Tgt Ion:152 Resp: 138598
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.3 0.0 347.6

