

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010688.D
 Acq On : 27 Sep 2022 11:28
 Operator : KP/MD
 Sample : VY0927SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0927SBL01

Quant Time: Sep 28 01:24:13 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	220829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113275	53.630	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.260%
35) Dibromofluoromethane	7.716	113	105961	44.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.980%
50) Toluene-d8	10.179	98	393512	45.512	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.483	95	125712	38.286	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.580%

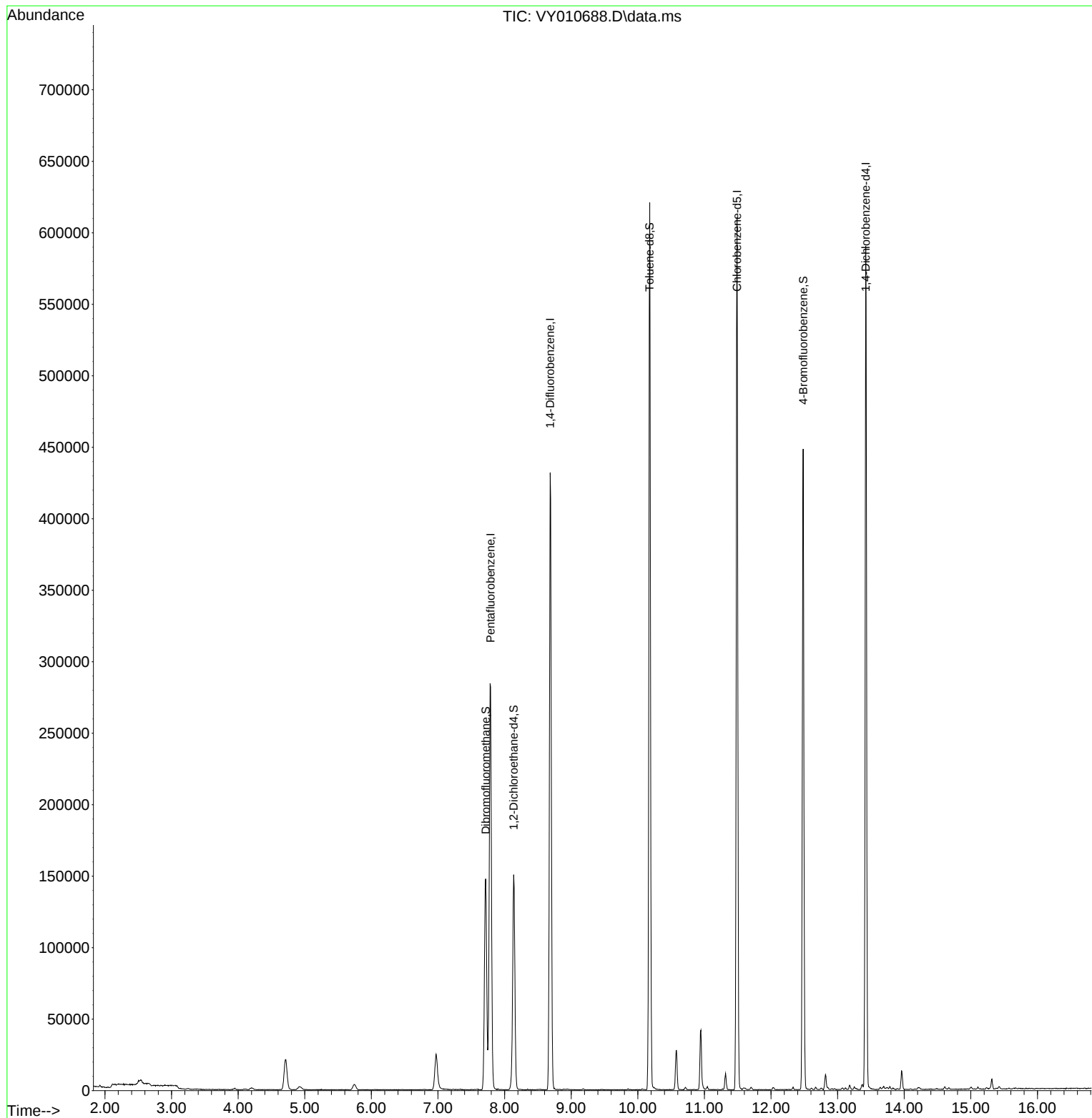
Target Compounds	Qvalue

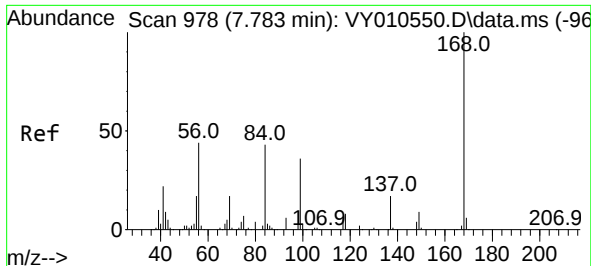
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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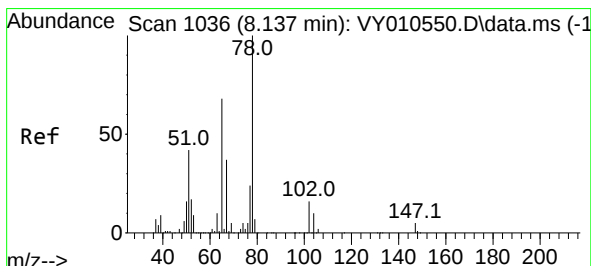
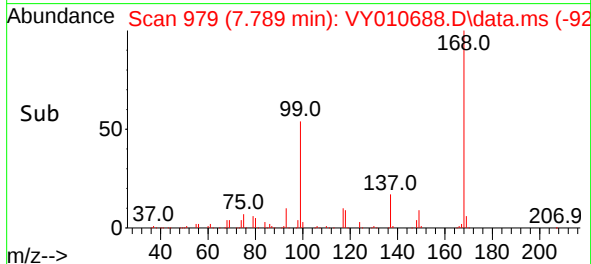
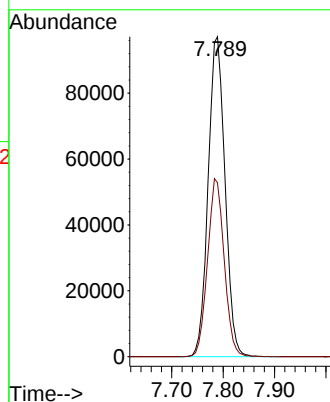
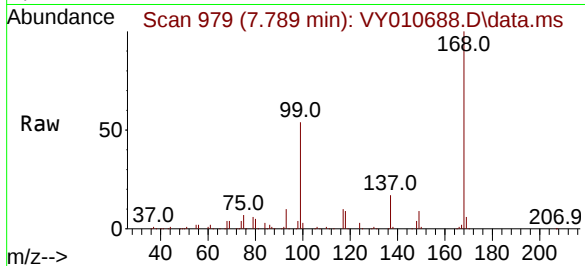




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010688.D
Acq: 27 Sep 2022 11:28

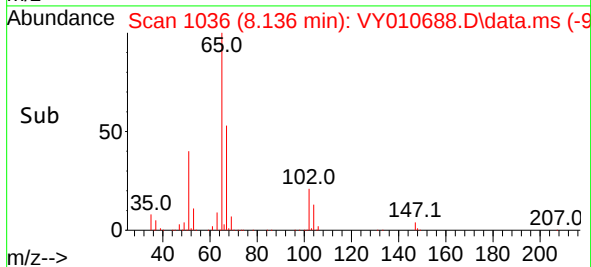
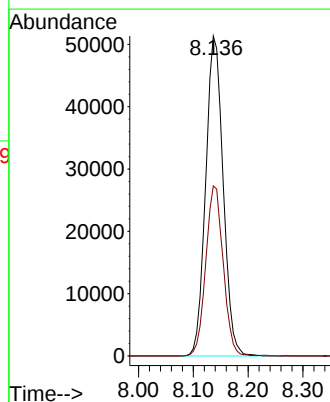
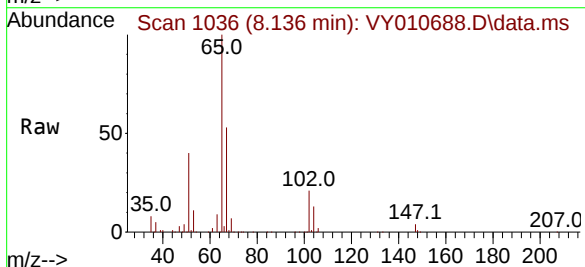
Instrument :
MSVOA_Y
ClientSampleId :
VY0927SBL01

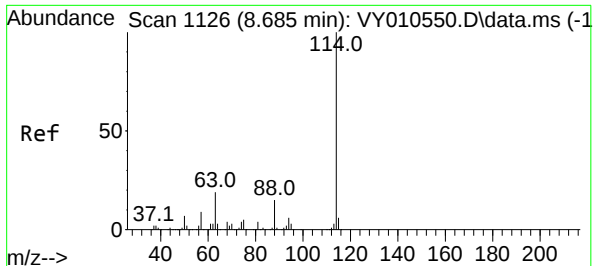
Tgt Ion:168 Resp: 220829
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.630 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010688.D
Acq: 27 Sep 2022 11:28

Tgt Ion: 65 Resp: 113275
Ion Ratio Lower Upper
65 100
67 53.0 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: VY010688.D

Acq: 27 Sep 2022 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0927SBL01

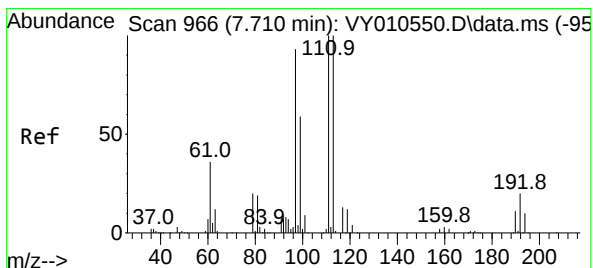
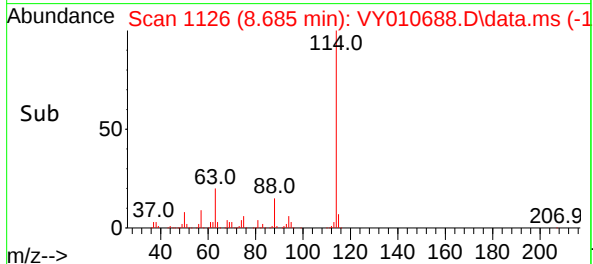
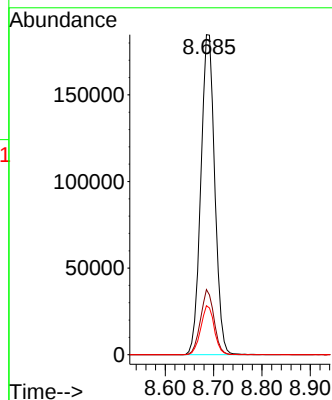
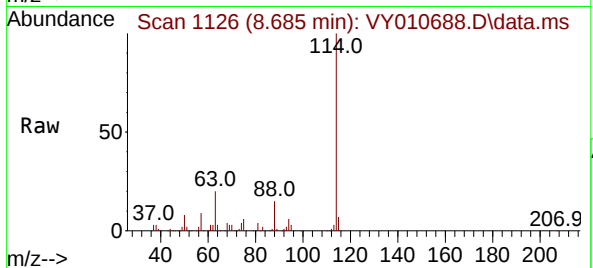
Tgt Ion:114 Resp: 369005

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.994 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010688.D

Acq: 27 Sep 2022 11:28

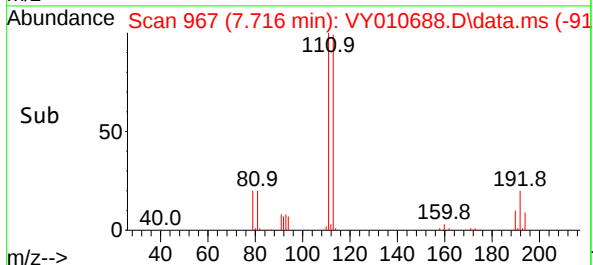
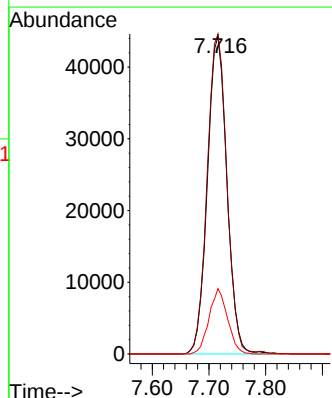
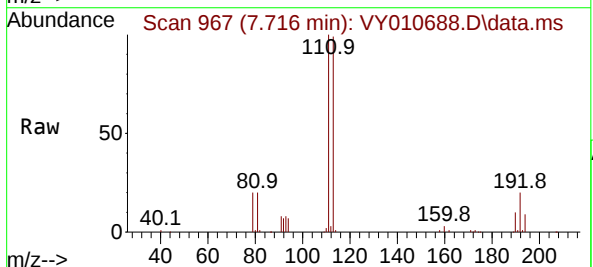
Tgt Ion:113 Resp: 105961

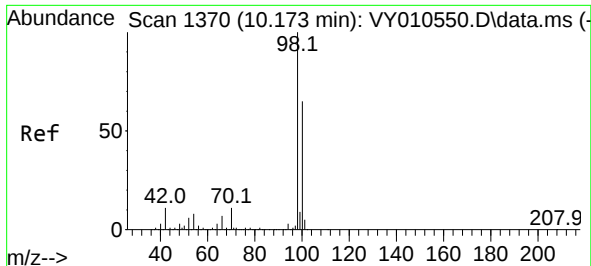
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.4 17.6 26.4

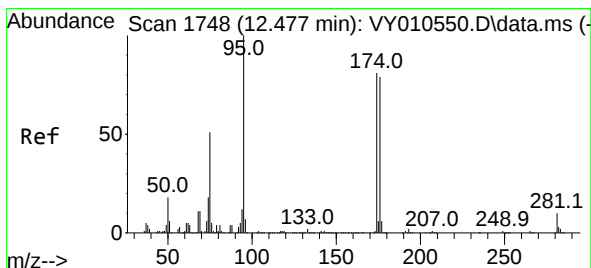
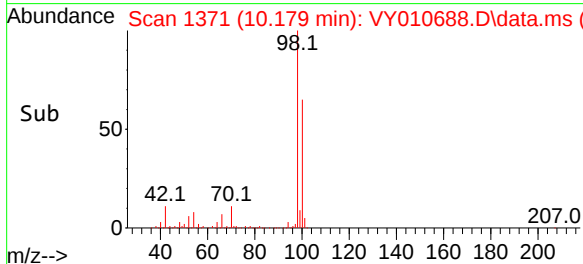
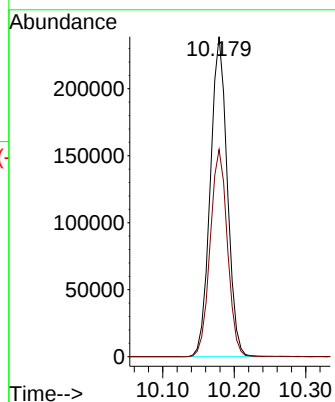
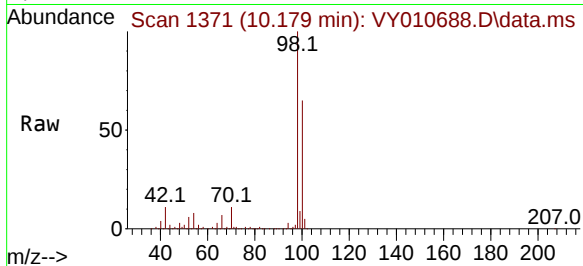




#50
Toluene-d8
Concen: 45.512 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010688.D
Acq: 27 Sep 2022 11:28

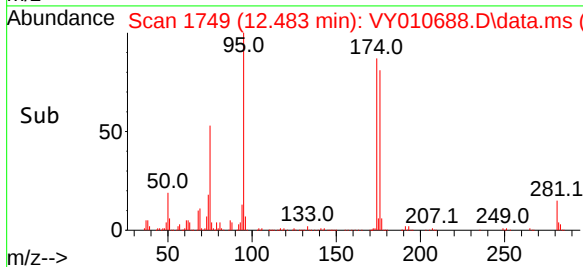
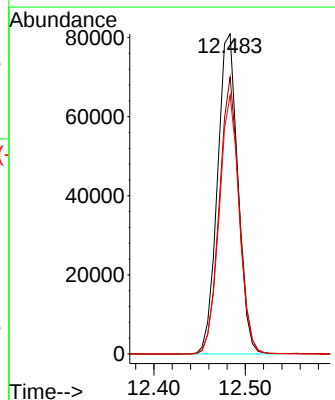
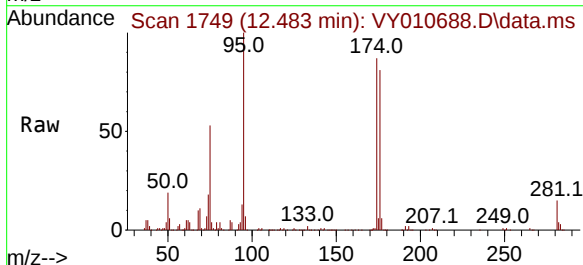
Instrument :
MSVOA_Y
ClientSampleId :
VY0927SBL01

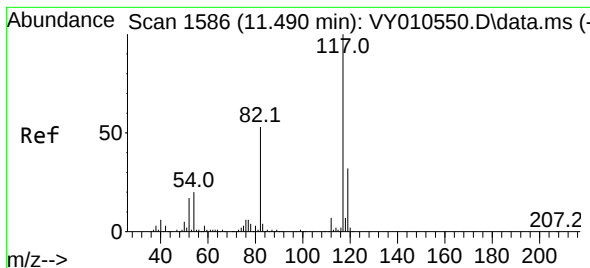
Tgt Ion: 98 Resp: 393512
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.286 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010688.D
Acq: 27 Sep 2022 11:28

Tgt Ion: 95 Resp: 125712
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 79.7 0.0 175.8

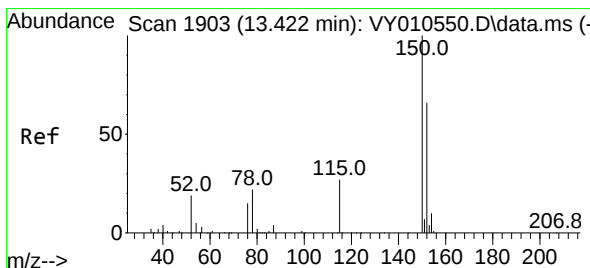
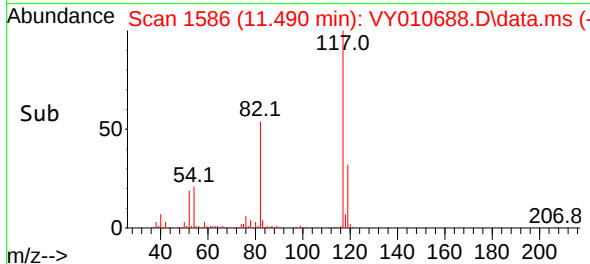
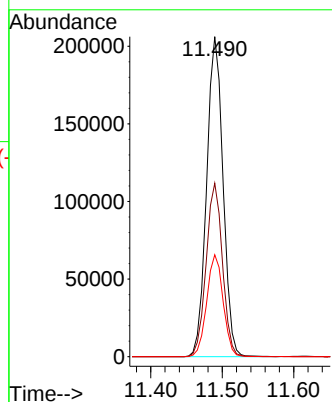
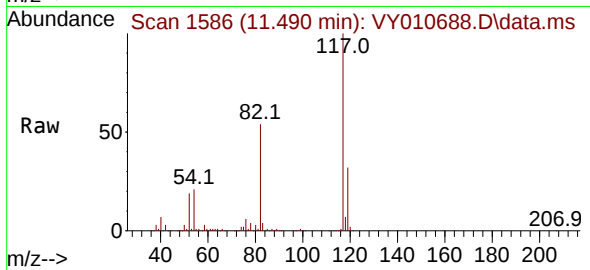




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010688.D
Acq: 27 Sep 2022 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0927SBL01

Tgt Ion:117 Resp: 328339
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.9 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: VY010688.D
Acq: 27 Sep 2022 11:28

Tgt Ion:152 Resp: 147248
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.2 0.0 347.6

