

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010639.D
 Acq On : 23 Sep 2022 11:06
 Operator : KP/MD
 Sample : VY0923SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBL01

Quant Time: Sep 24 01:19:40 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	209885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	324118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114080	56.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.660%
35) Dibromofluoromethane	7.716	113	105019	46.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.020%
50) Toluene-d8	10.179	98	394341	46.952	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.477	95	123344	38.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.580%

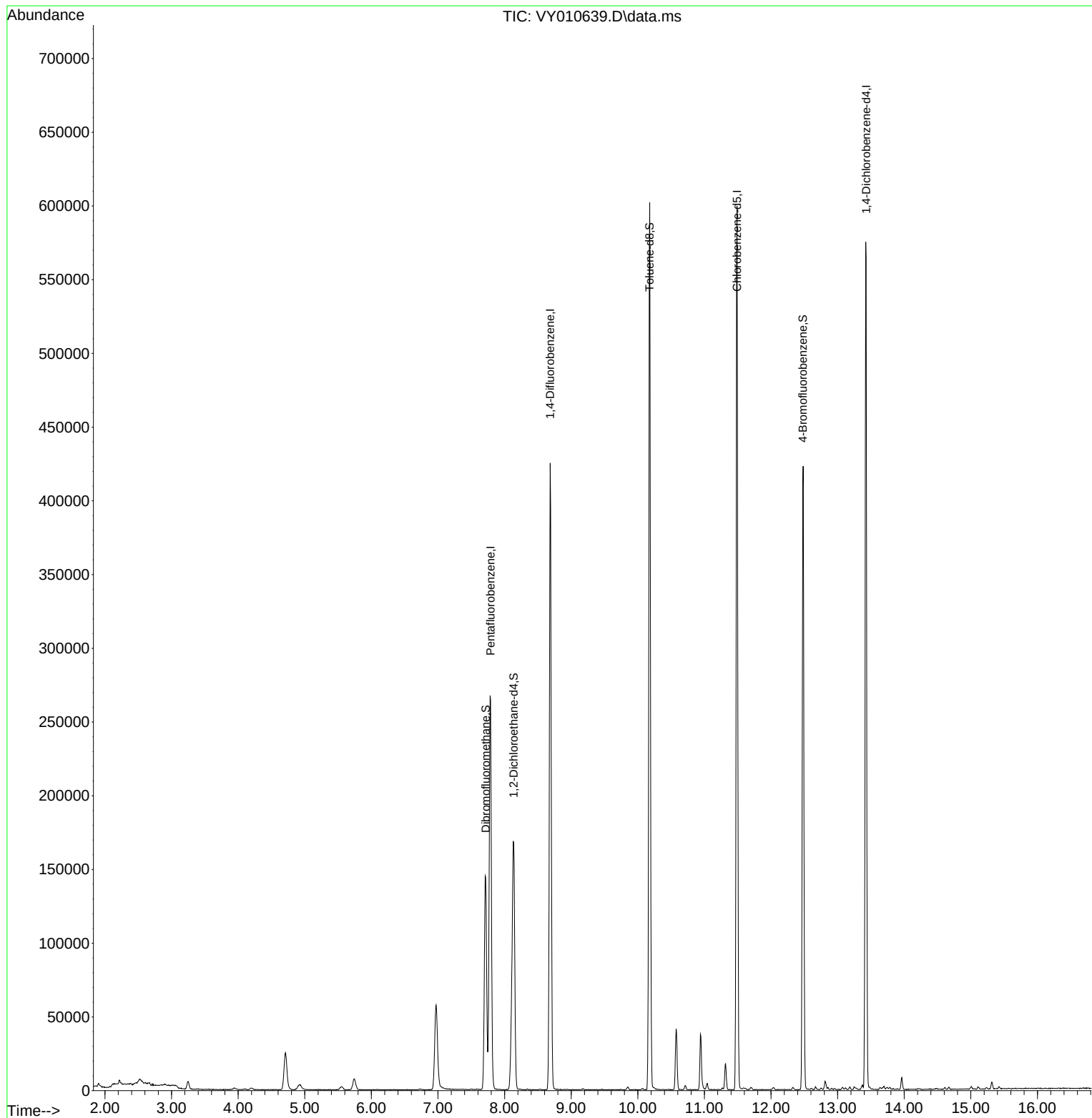
Target Compounds	Qvalue

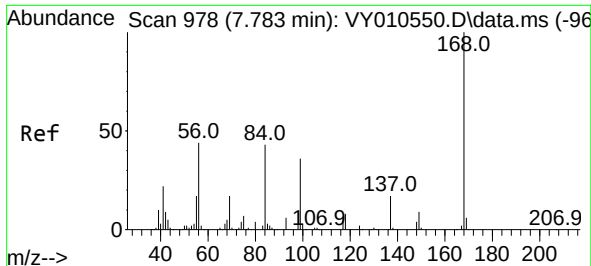
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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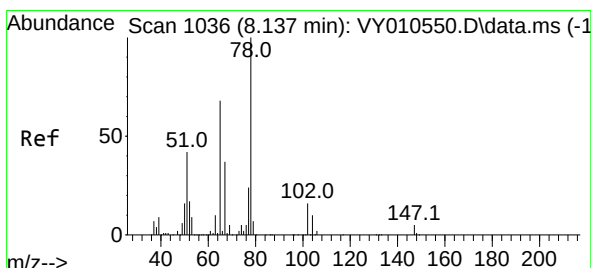
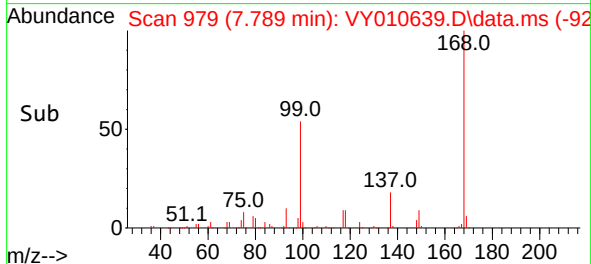
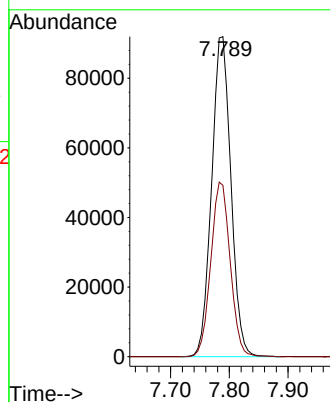
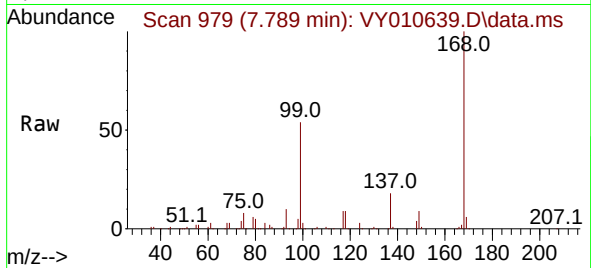




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010639.D
Acq: 23 Sep 2022 11:06

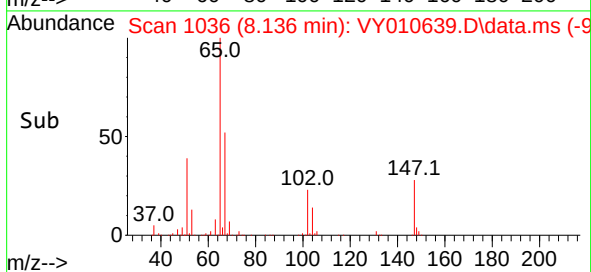
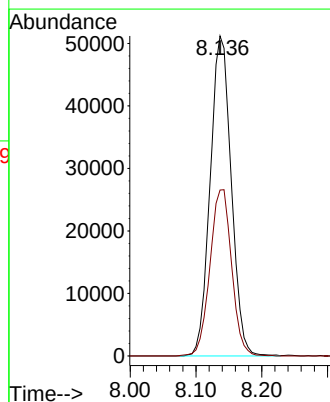
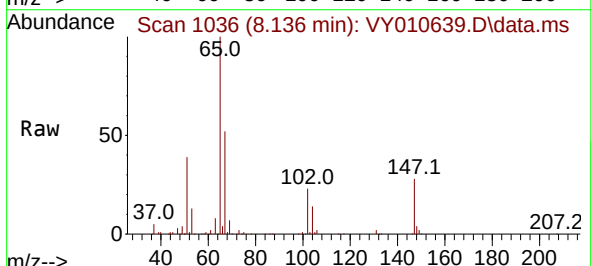
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

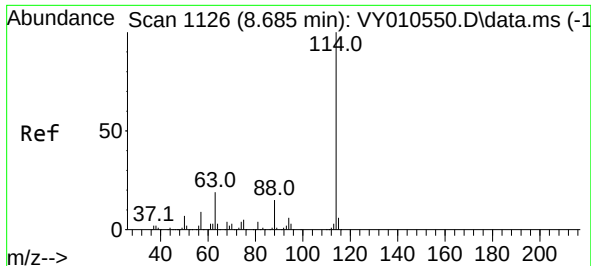
Tgt Ion:168 Resp: 209885
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.827 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010639.D
Acq: 23 Sep 2022 11:06

Tgt Ion: 65 Resp: 114080
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

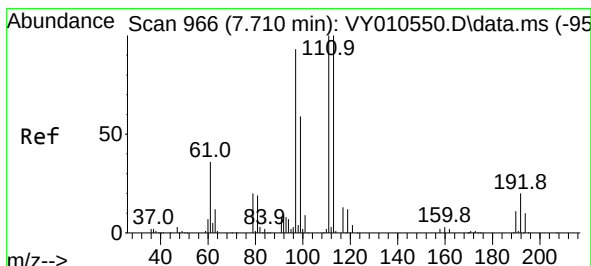
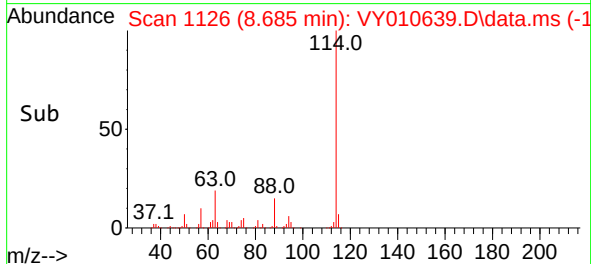
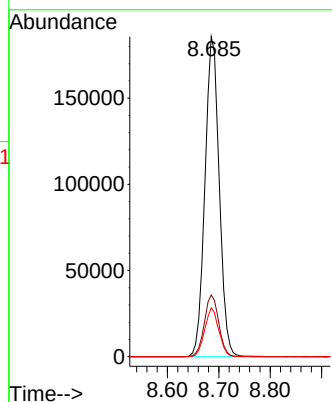
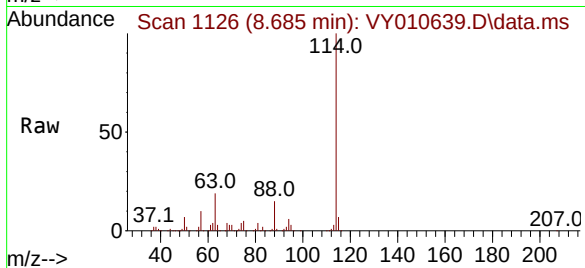




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010639.D
Acq: 23 Sep 2022 11:06

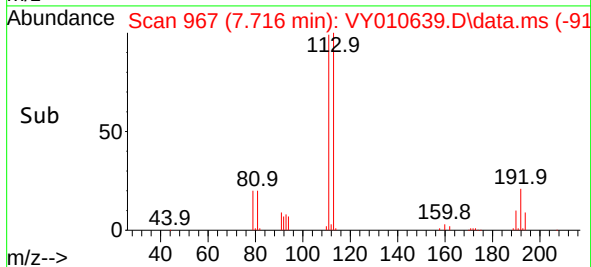
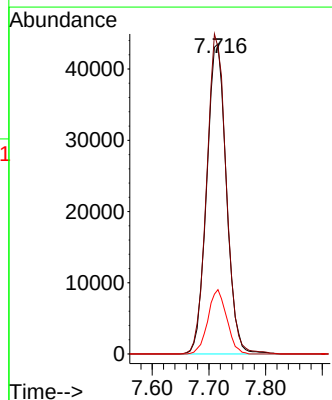
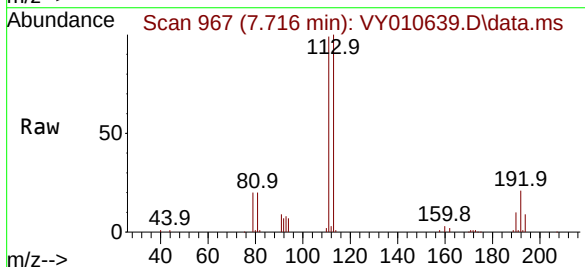
Instrument :
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ClientSampleId :
VY0923SBL01

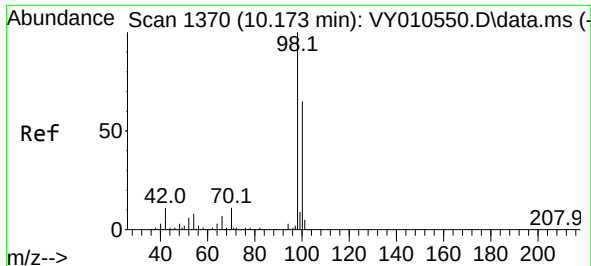
Tgt Ion:114 Resp: 357635
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.012 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010639.D
Acq: 23 Sep 2022 11:06

Tgt Ion:113 Resp: 105019
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.9 17.6 26.4

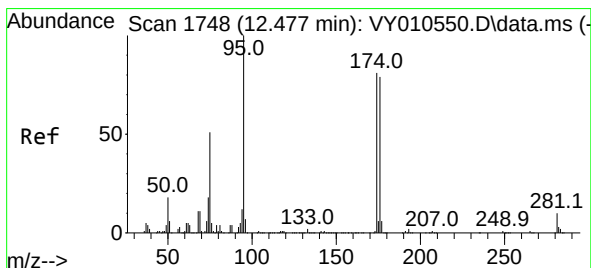
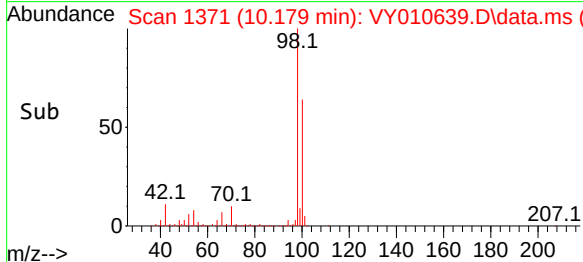
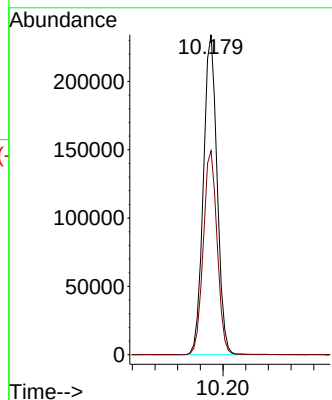
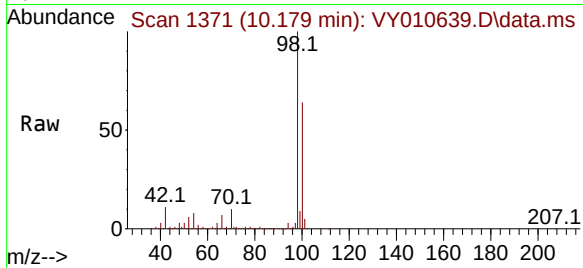




#50
Toluene-d8
Concen: 46.952 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010639.D
Acq: 23 Sep 2022 11:06

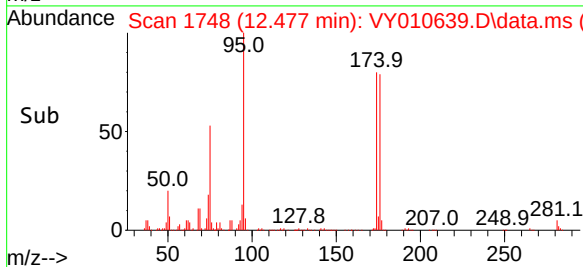
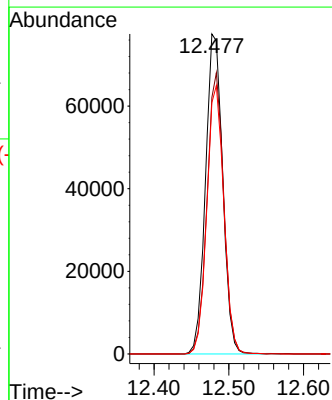
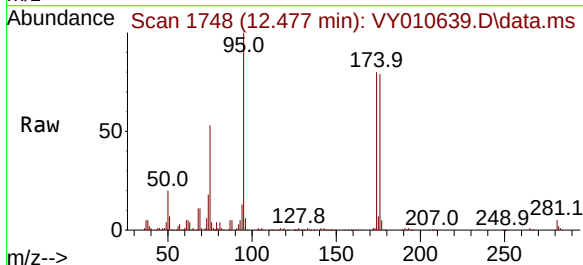
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

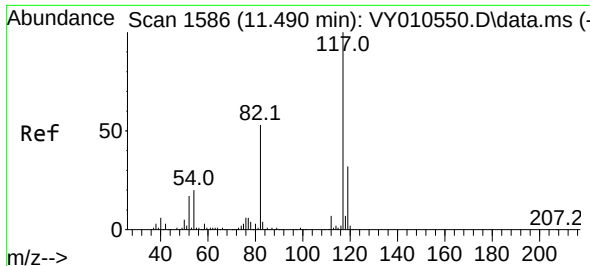
Tgt Ion: 98 Resp: 394341
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.794 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010639.D
Acq: 23 Sep 2022 11:06

Tgt Ion: 95 Resp: 123344
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 83.1 0.0 175.8

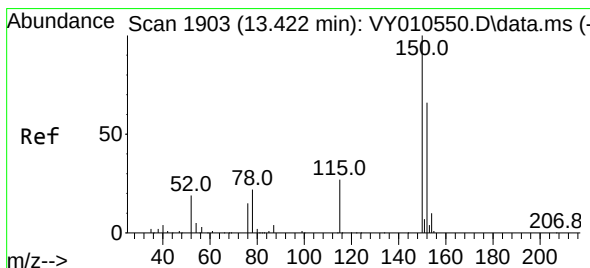
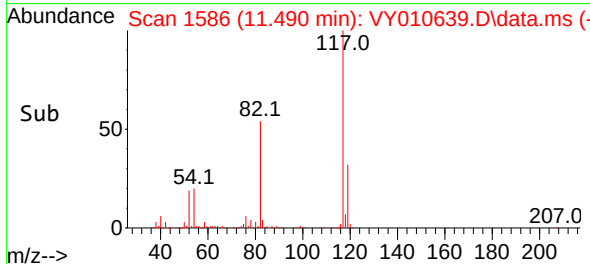
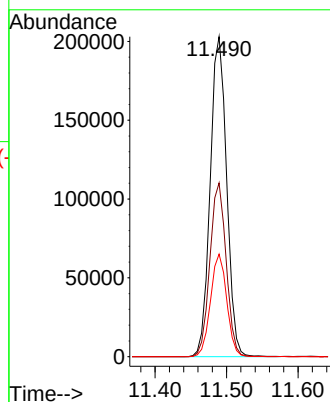
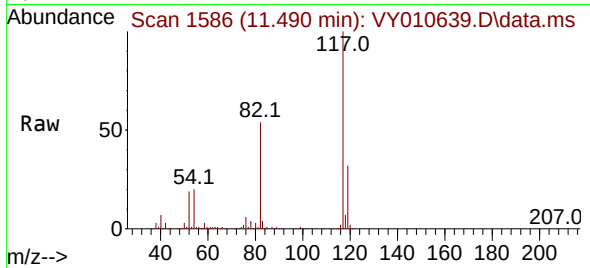




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010639.D
Acq: 23 Sep 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

Tgt Ion:117 Resp: 324118
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.1 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: VY010639.D
Acq: 23 Sep 2022 11:06

Tgt Ion:152 Resp: 149020
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 158.3 0.0 347.6

