

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012122.D
 Acq On : 09 Jan 2023 19:41
 Operator : KP/MD
 Sample : 01084-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2

Quant Time: Jan 10 01:50:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	185340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	298353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108096	51.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.800%
35) Dibromofluoromethane	7.716	113	93891	45.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.280%
50) Toluene-d8	10.179	98	372955	45.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.483	95	124873	43.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.980%

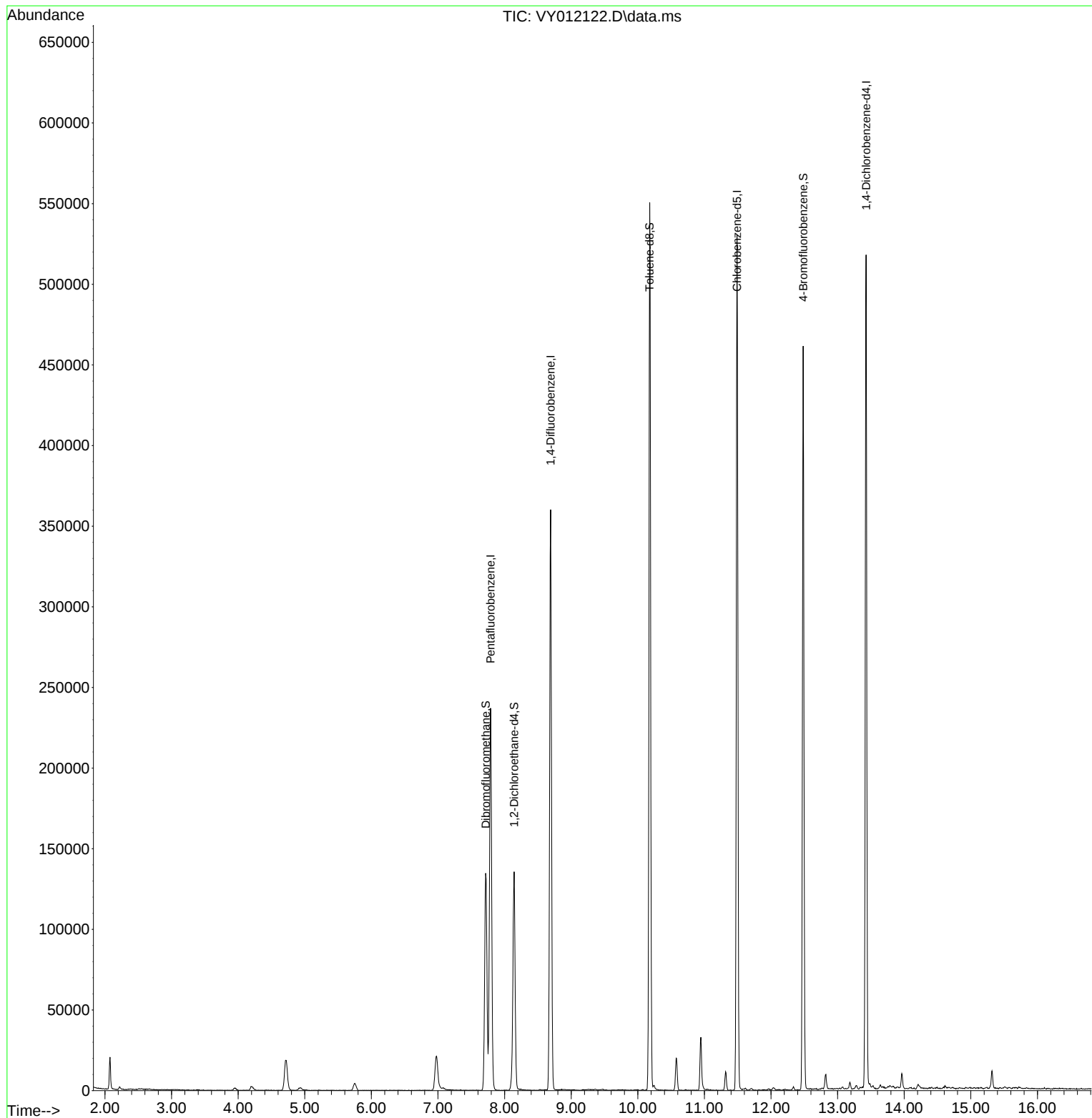
Target Compounds	Qvalue

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

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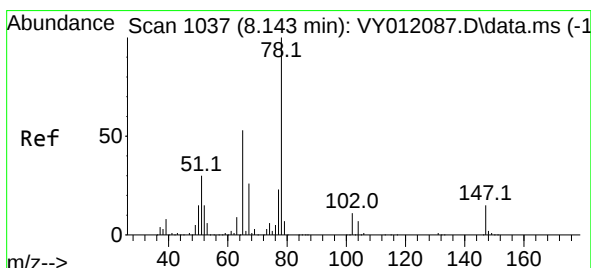
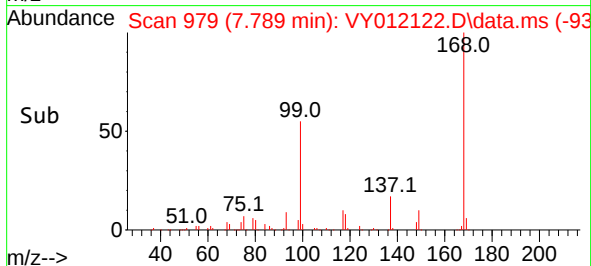
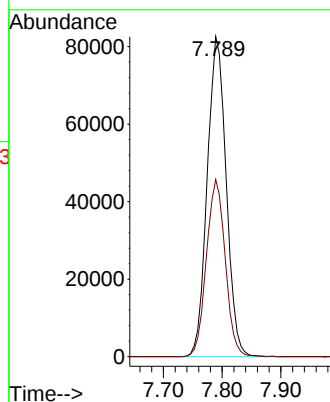
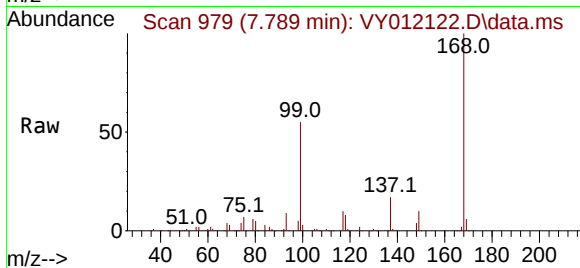




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

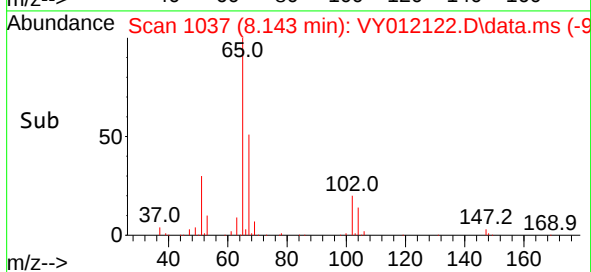
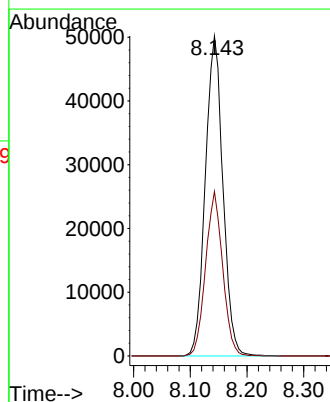
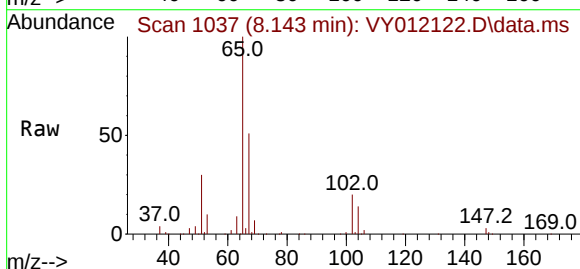
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

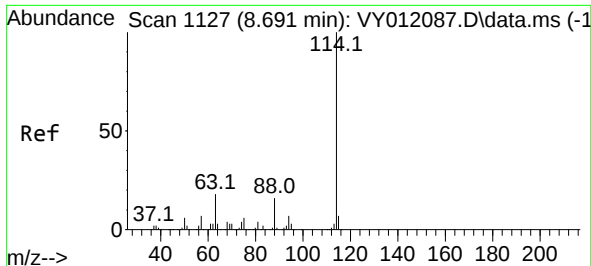
Tgt Ion:168 Resp: 185340
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.905 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion: 65 Resp: 108096
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2

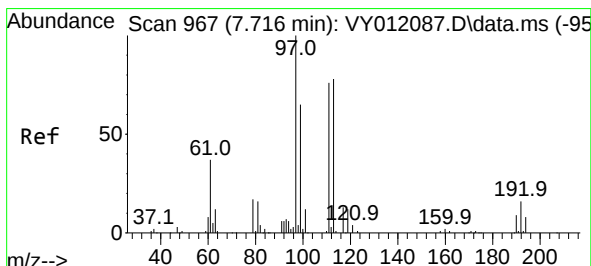
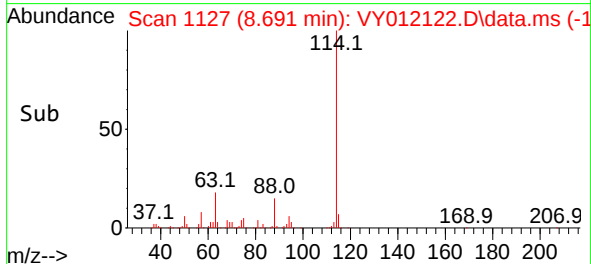
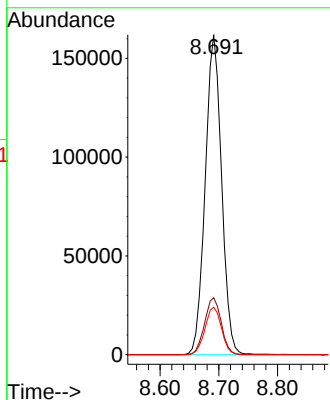
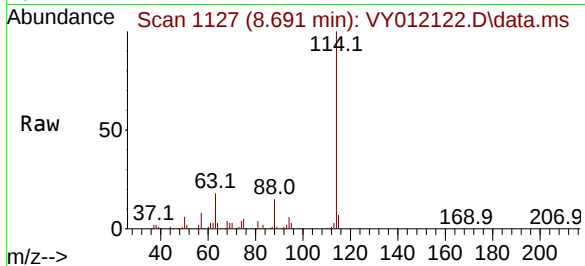




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

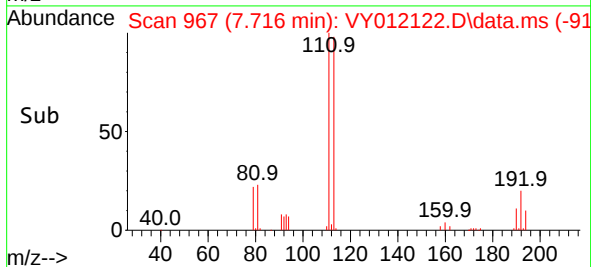
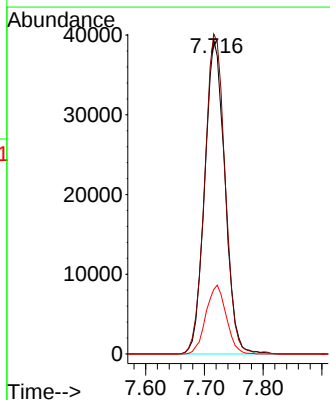
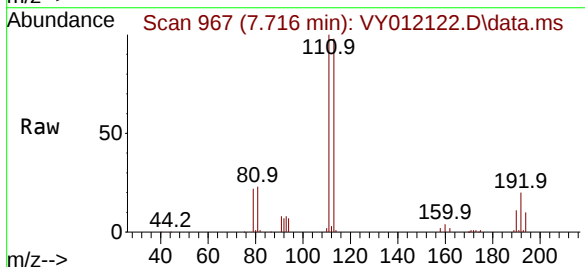
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

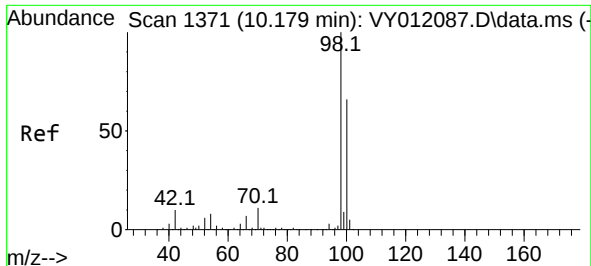
Tgt Ion:114 Resp: 313015
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.636 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion:113 Resp: 93891
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 22.0 16.0 24.0

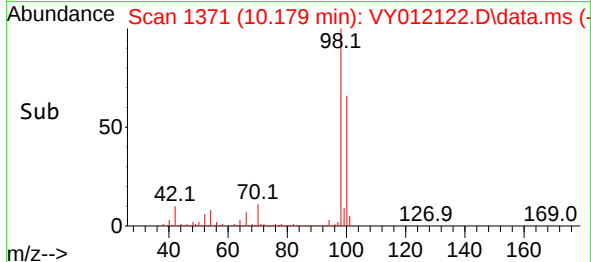
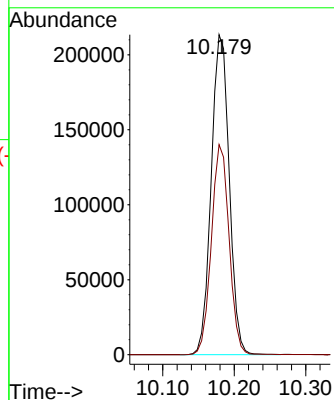
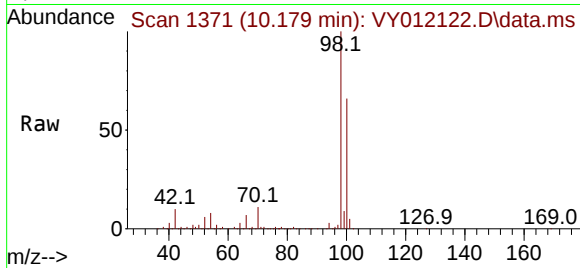




#50
Toluene-d8
Concen: 45.927 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

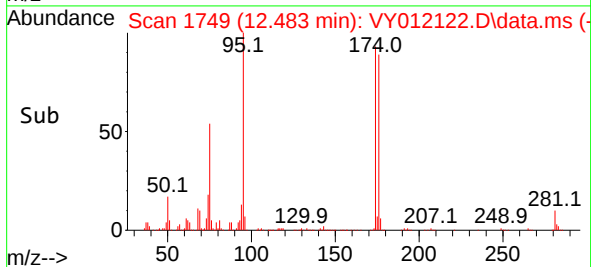
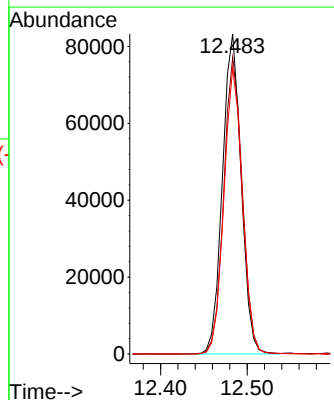
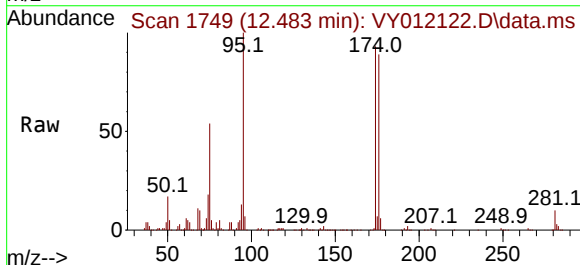
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

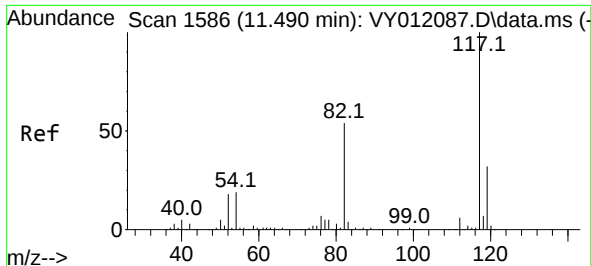
Tgt Ion: 98 Resp: 372955
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion: 95 Resp: 124873
Ion Ratio Lower Upper
95 100
174 92.4 0.0 172.0
176 88.7 0.0 167.6

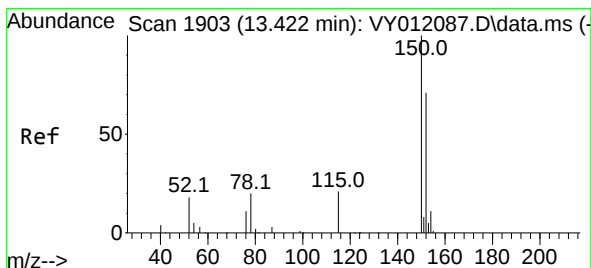
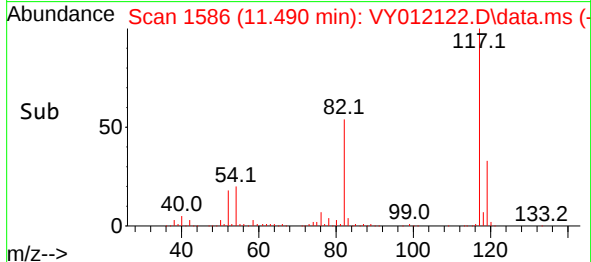
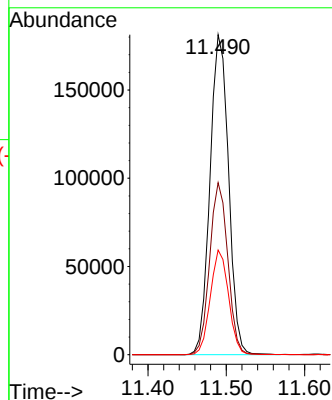
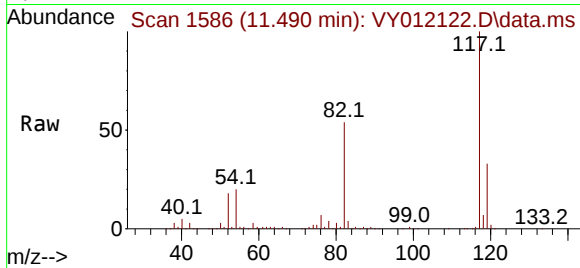




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Instrument :
MSVOA_Y
ClientSampleId :
MH-2

Tgt Ion:117 Resp: 298353
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012122.D
Acq: 09 Jan 2023 19:41

Tgt Ion:152 Resp: 139679
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 156.4 0.0 342.6

