

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011557.D
 Acq On : 22 Nov 2022 18:45
 Operator : KP/MD
 Sample : N5678-15RE
 Misc : 7.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-08RE

Quant Time: Nov 23 04:09:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130458	72.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.160%
35) Dibromofluoromethane	7.722	113	113205	53.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.220%
50) Toluene-d8	10.179	98	427709	55.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.480%
62) 4-Bromofluorobenzene	12.483	95	137535	48.475	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.940%

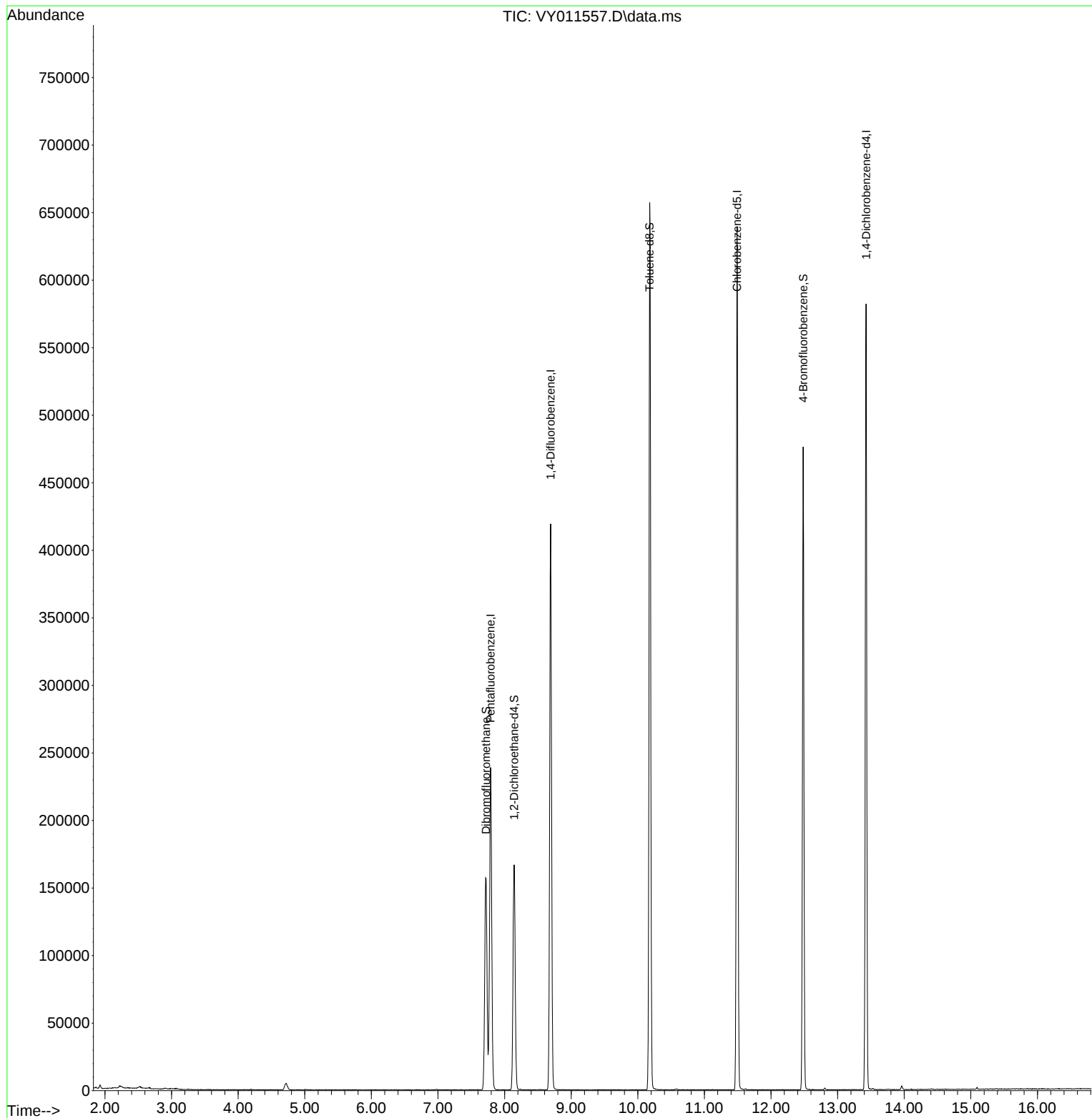
Target Compounds	Qvalue

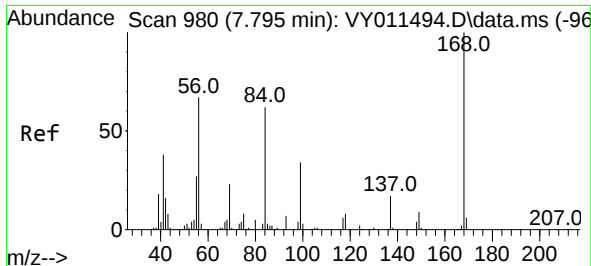
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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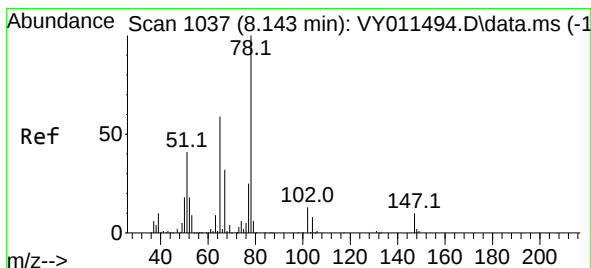
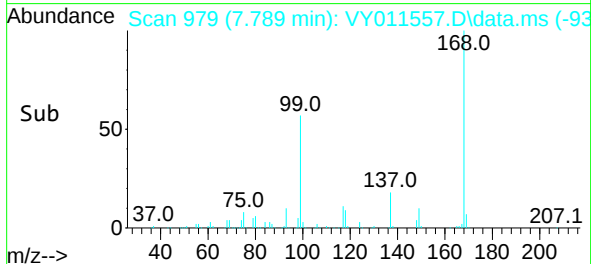
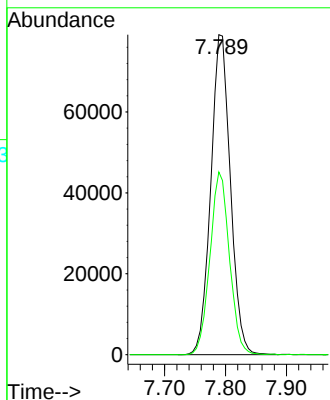
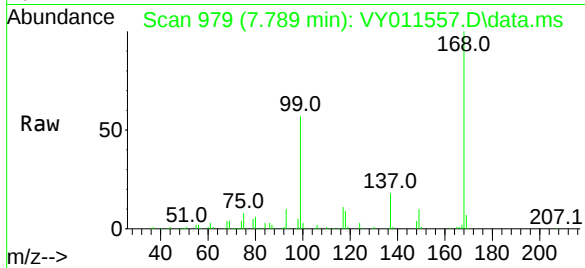




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

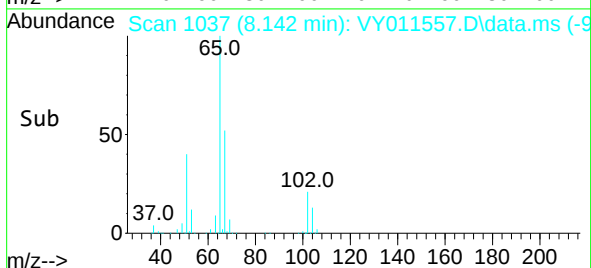
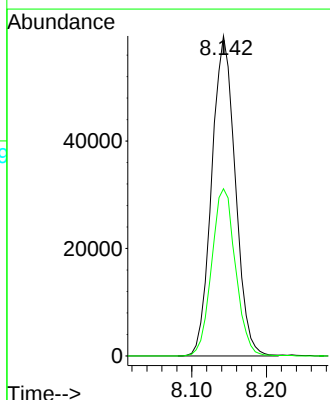
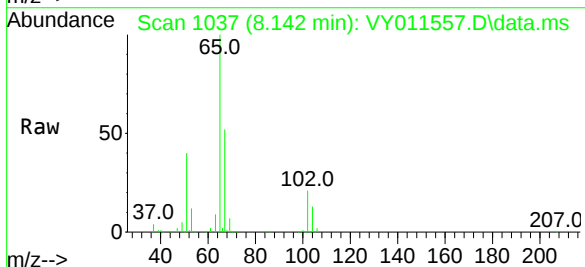
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-08RE

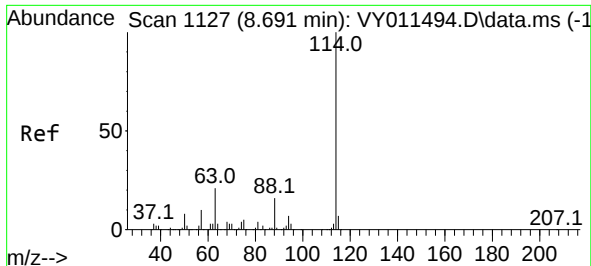
Tgt Ion:168 Resp: 177016
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.581 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Tgt Ion: 65 Resp: 130458
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

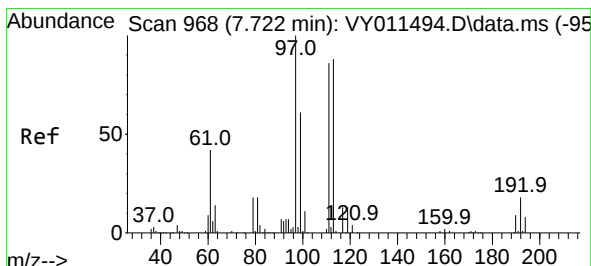
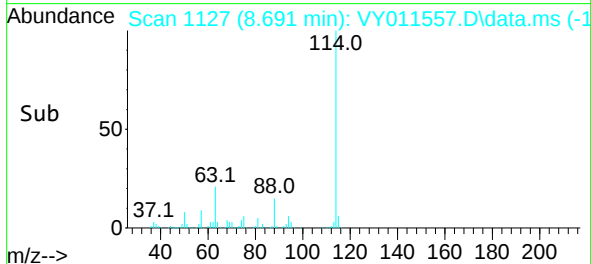
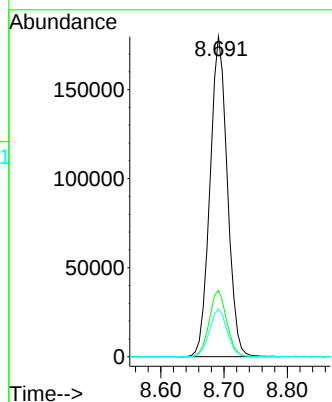
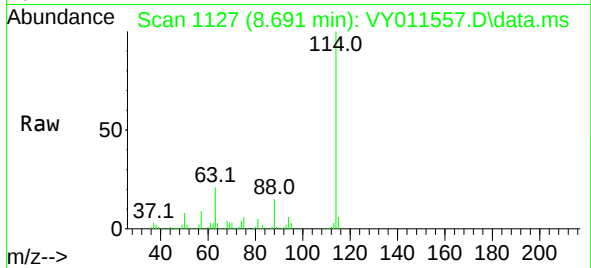




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

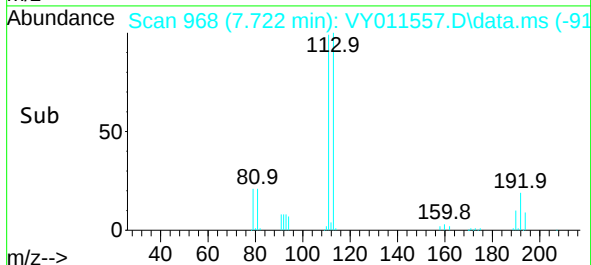
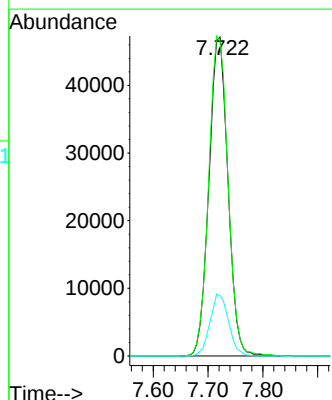
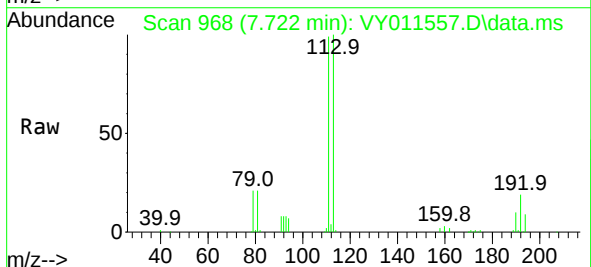
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ClientSampleId :
250FB-BP-BACKFILL-08RE

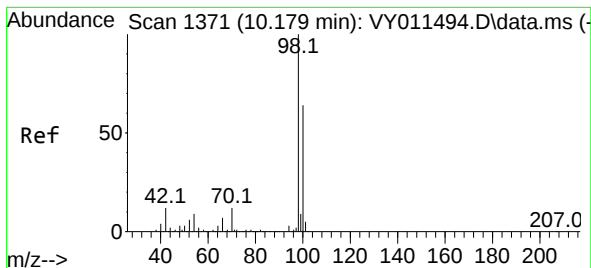
Tgt Ion:	114	Resp:	343040
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.608 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Tgt Ion:	113	Resp:	113205
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	19.0	17.6	26.4





#50

Toluene-d8

Concen: 55.736 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011557.D

Acq: 22 Nov 2022 18:45

Instrument :

MSVOA_Y

ClientSampleId :

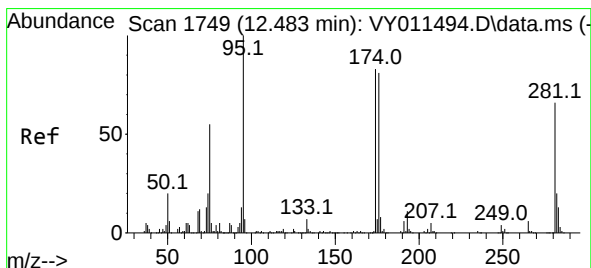
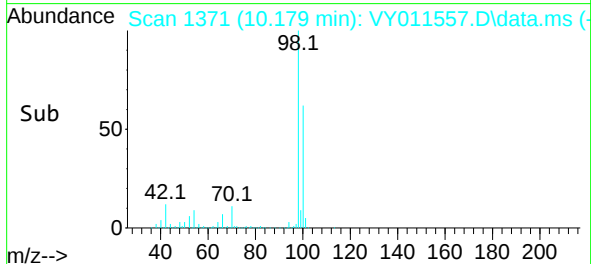
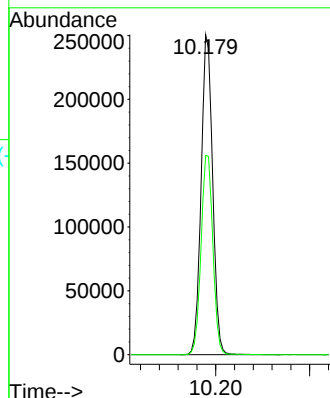
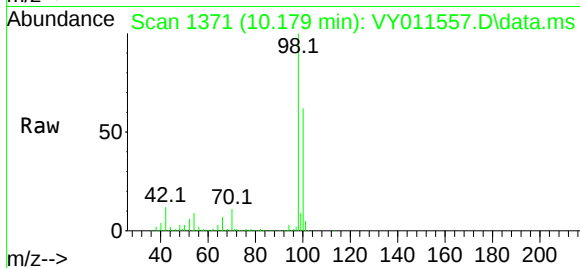
250FB-BP-BACKFILL-08RE

Tgt Ion: 98 Resp: 427709

Ion Ratio Lower Upper

98 100

100 63.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 48.475 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011557.D

Acq: 22 Nov 2022 18:45

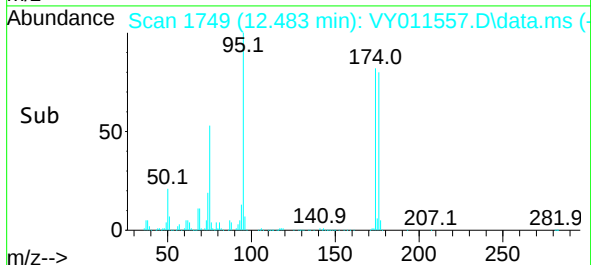
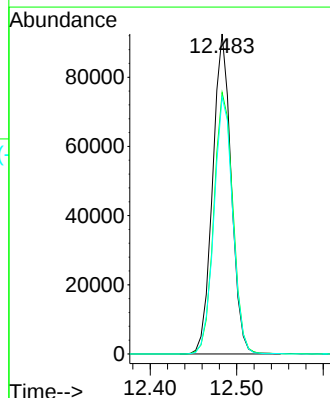
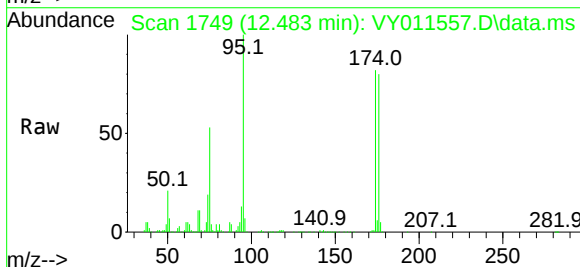
Tgt Ion: 95 Resp: 137535

Ion Ratio Lower Upper

95 100

174 84.1 0.0 177.0

176 81.4 0.0 175.8

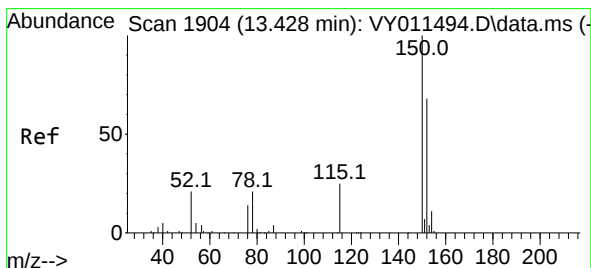
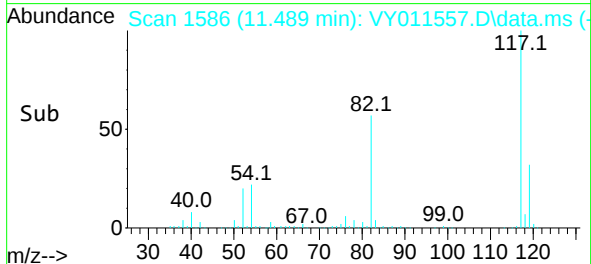
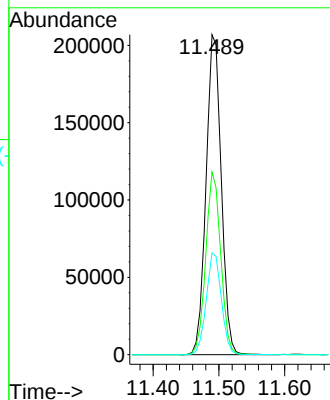
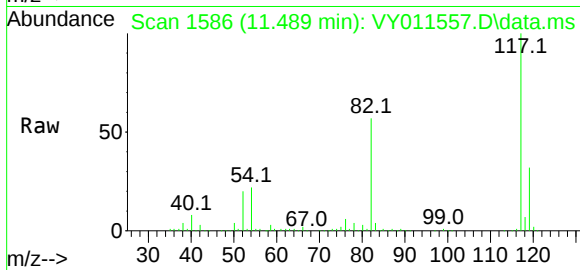




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-08RE

Tgt Ion:117 Resp: 333169
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Tgt Ion:152 Resp: 144129
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 155.9 0.0 347.6

