

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011984.D
 Acq On : 22 Dec 2022 18:55
 Operator : KP/MD
 Sample : N6183-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-3

Quant Time: Dec 23 04:33:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	5788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	10982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3847	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5475	93.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	187.780%#
35) Dibromofluoromethane	7.716	113	2810	44.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.179	98	13108	51.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.483	95	4126	48.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.360%

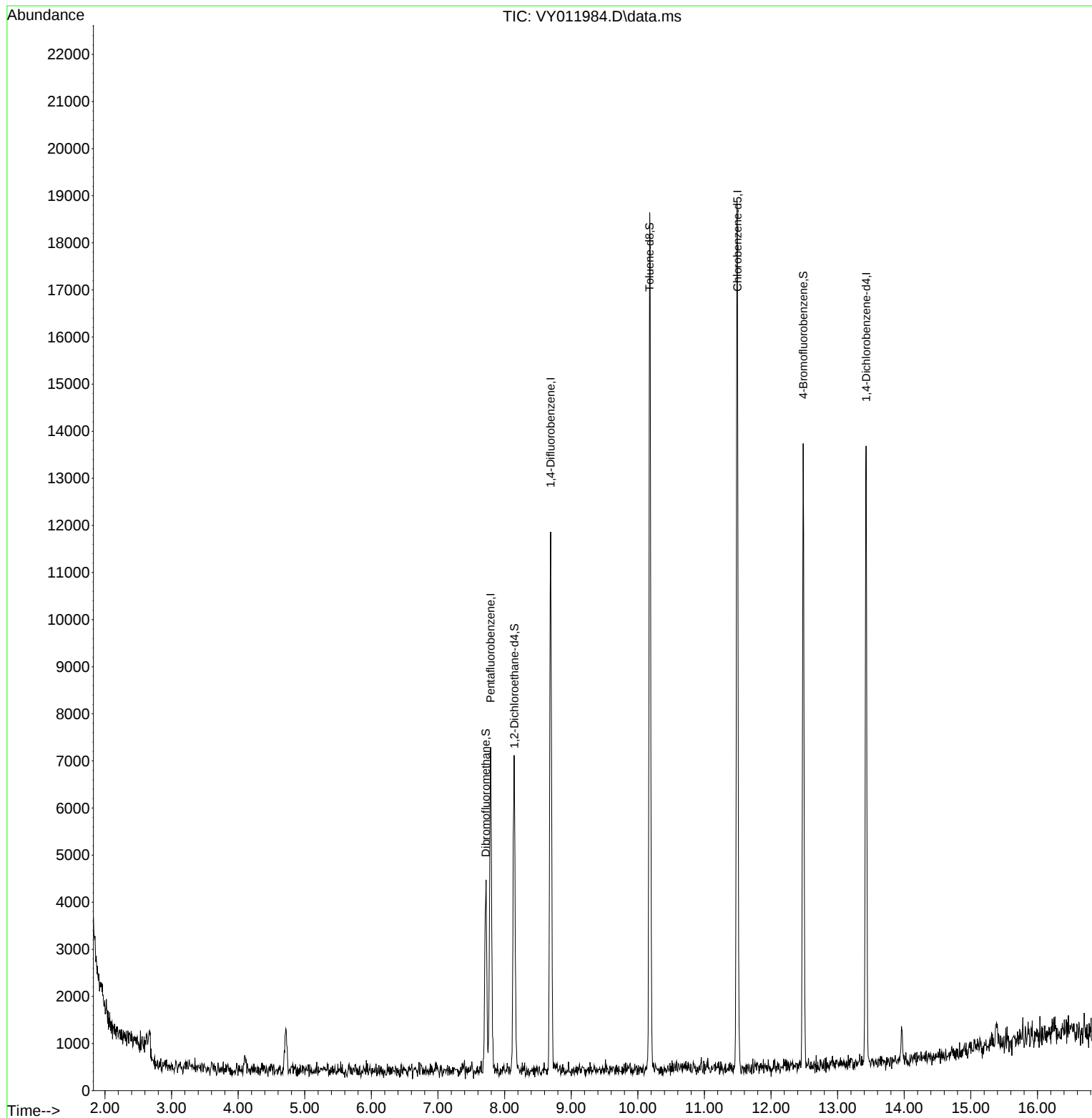
Target Compounds	Qvalue

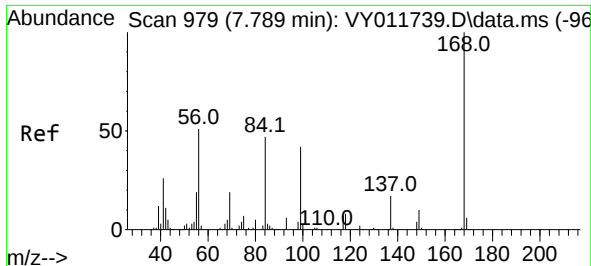
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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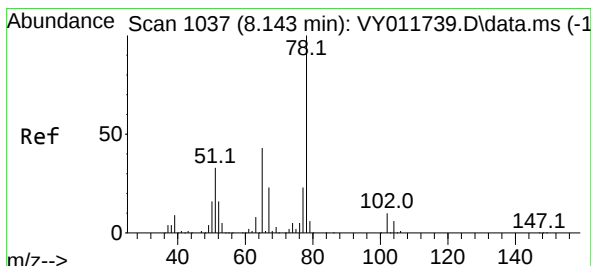
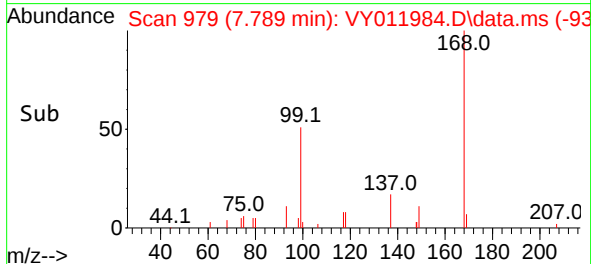
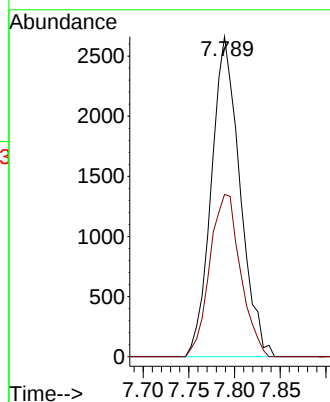
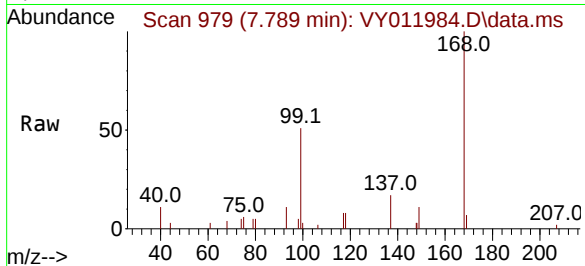




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011984.D
Acq: 22 Dec 2022 18:55

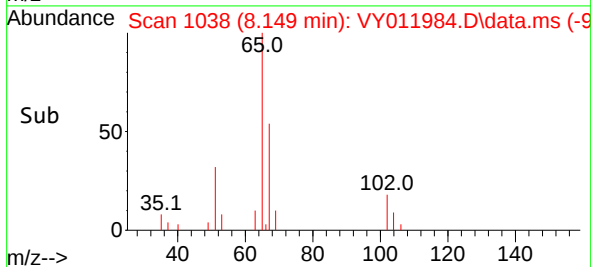
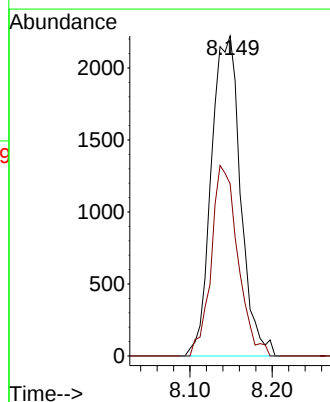
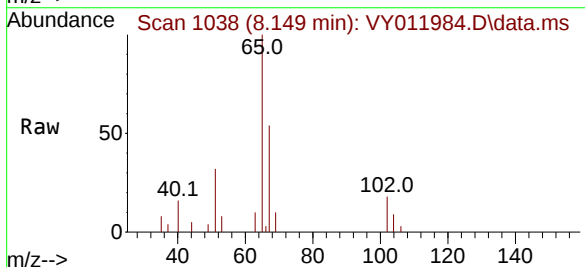
Instrument :
MSVOA_Y
ClientSampleId :
R-3

Tgt Ion:168 Resp: 5788
Ion Ratio Lower Upper
168 100
99 50.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 93.890 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011984.D
Acq: 22 Dec 2022 18:55

Tgt Ion: 65 Resp: 5475
Ion Ratio Lower Upper
65 100
67 54.3 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: VY011984.D

Acq: 22 Dec 2022 18:55

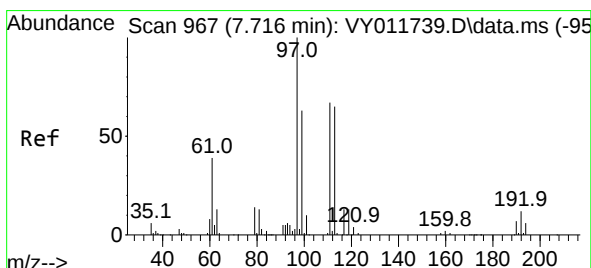
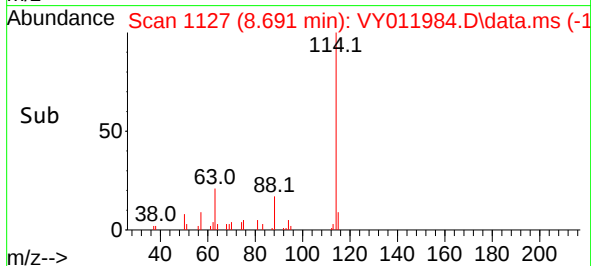
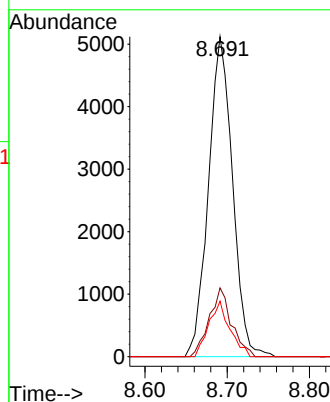
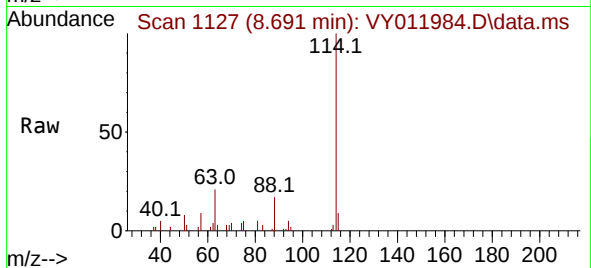
Instrument :

MSVOA_Y

ClientSampleId :

R-3

Tgt Ion:114	Resp:	10425
Ion Ratio	Lower	Upper
114	100	
63	21.5	0.0 39.6
88	17.3	0.0 32.2



#35

Dibromofluoromethane

Concen: 44.773 ug/l

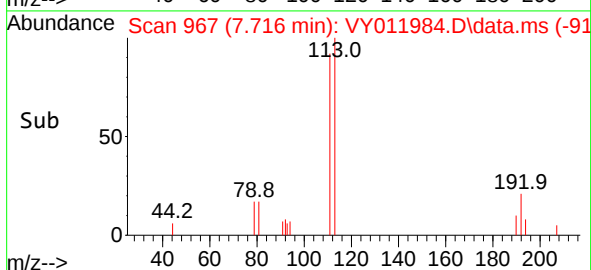
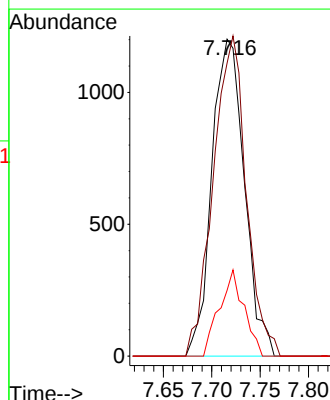
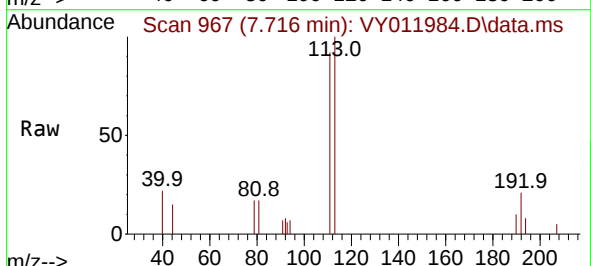
RT: 7.716 min Scan# 967

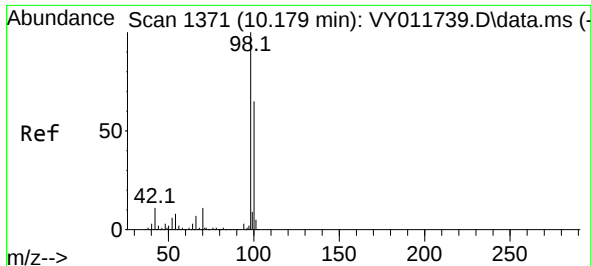
Delta R.T. -0.000 min

Lab File: VY011984.D

Acq: 22 Dec 2022 18:55

Tgt Ion:113	Resp:	2810
Ion Ratio	Lower	Upper
113	100	
111	102.5	83.0 124.4
192	20.5	16.0 24.0

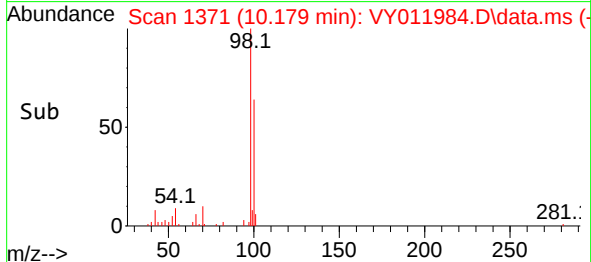
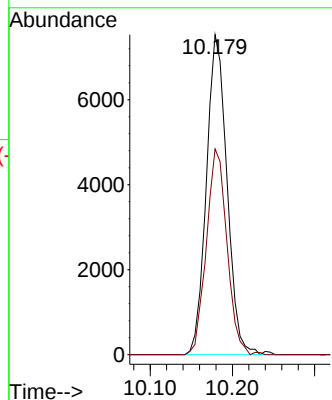
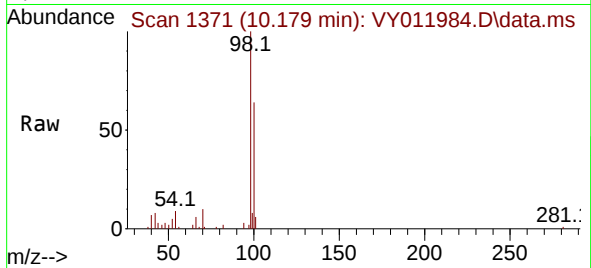




#50
Toluene-d8
Concen: 51.477 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011984.D
Acq: 22 Dec 2022 18:55

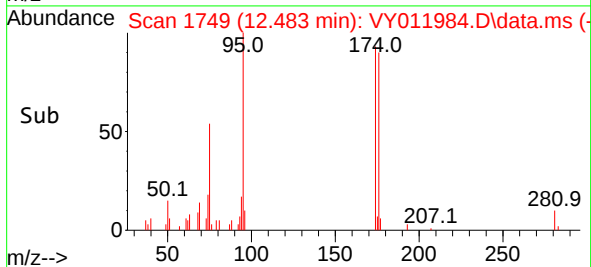
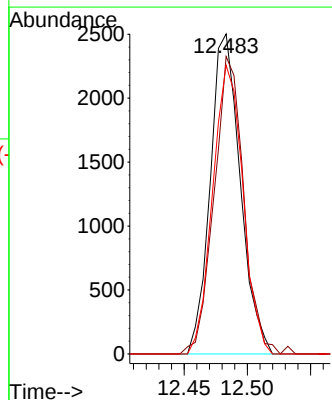
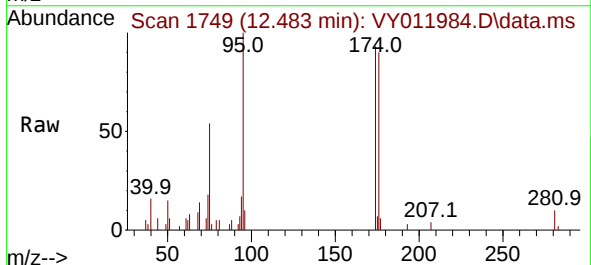
Instrument :
MSVOA_Y
ClientSampleId :
R-3

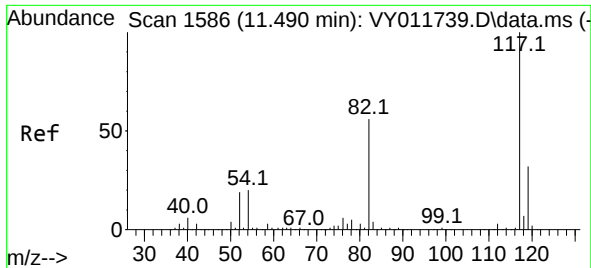
Tgt Ion: 98 Resp: 13108
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011984.D
Acq: 22 Dec 2022 18:55

Tgt Ion: 95 Resp: 4126
Ion Ratio Lower Upper
95 100
174 91.6 0.0 172.0
176 90.7 0.0 167.6

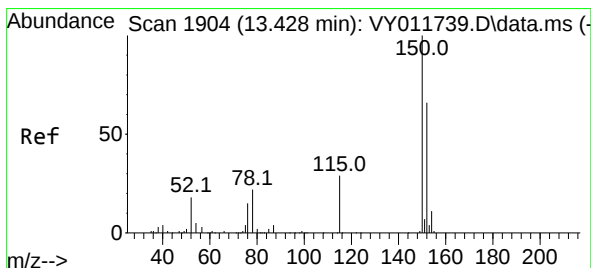
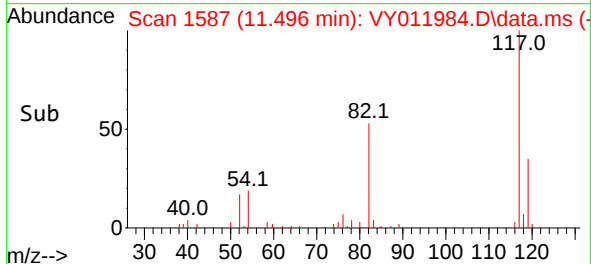
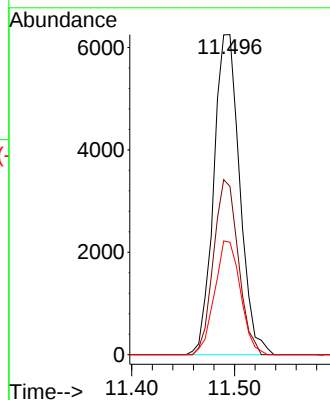
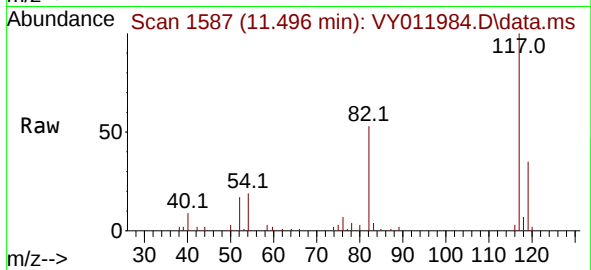




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY011984.D
Acq: 22 Dec 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :
R-3

Tgt Ion:117	Resp:	10982
Ion	Ratio	Lower Upper
117	100	
82	52.6	44.8 67.2
119	35.1	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011984.D
Acq: 22 Dec 2022 18:55

Tgt Ion:152	Resp:	3847
Ion	Ratio	Lower Upper
152	100	
115	57.7	29.1 87.3
150	160.3	0.0 342.6

