

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011597.D
 Acq On : 28 Nov 2022 12:49
 Operator : KP/MD
 Sample : N5758-01
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-13

Quant Time: Nov 29 00:25:12 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	196964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	349537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136177	68.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.180%
35) Dibromofluoromethane	7.716	113	117843	53.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.400%
50) Toluene-d8	10.179	98	439087	54.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.100%
62) 4-Bromofluorobenzene	12.483	95	148999	50.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.120%

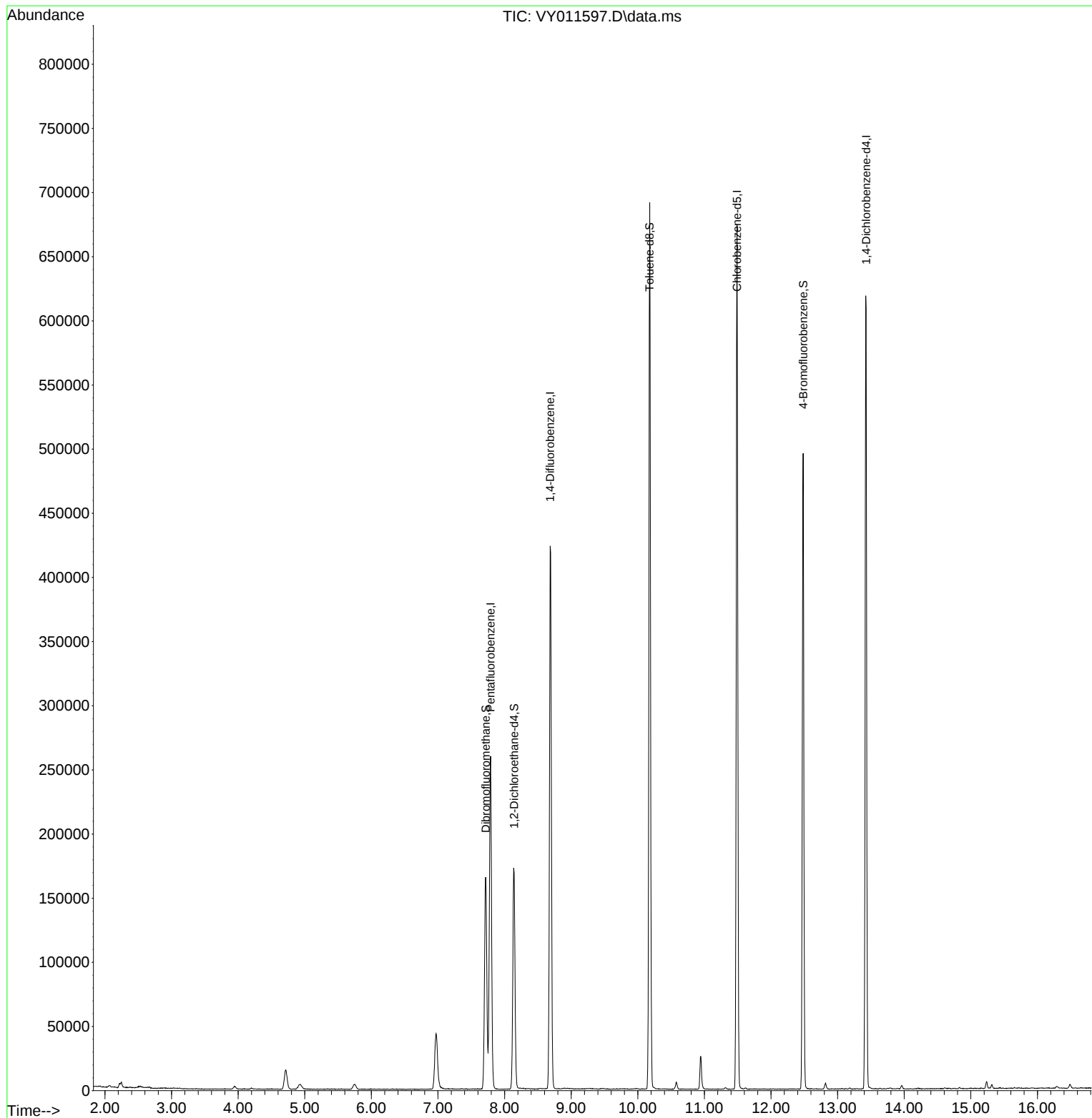
Target Compounds	Qvalue

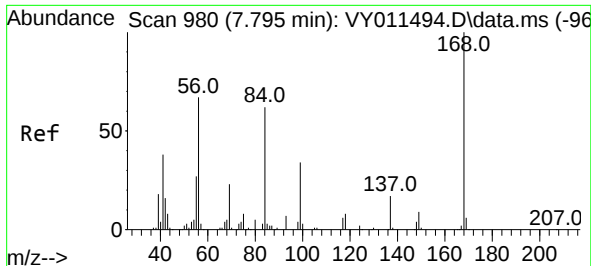
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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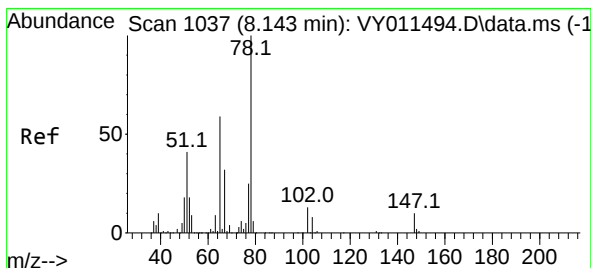
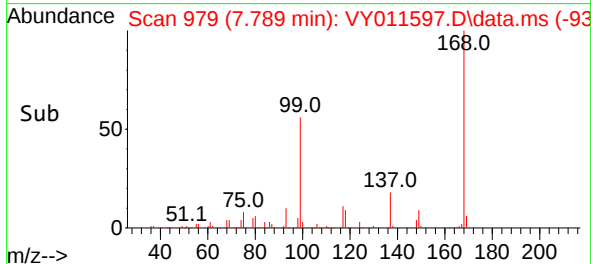
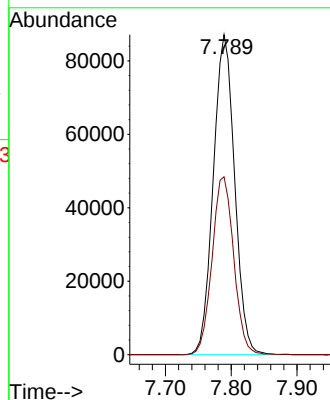
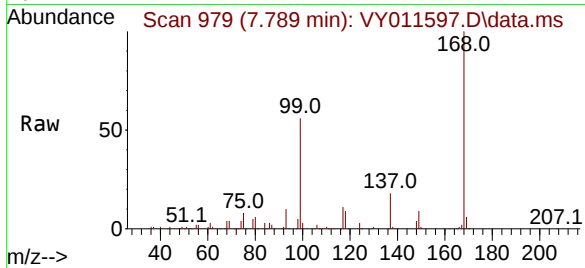




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011597.D
Acq: 28 Nov 2022 12:49

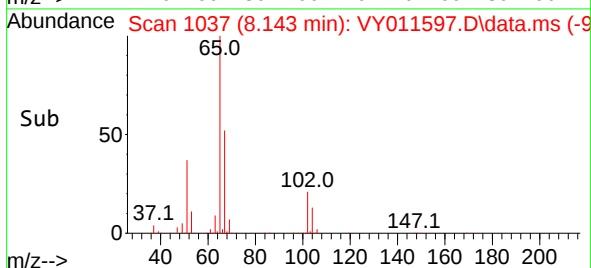
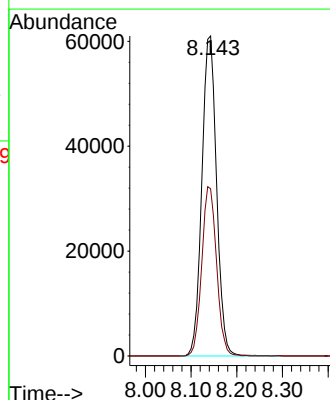
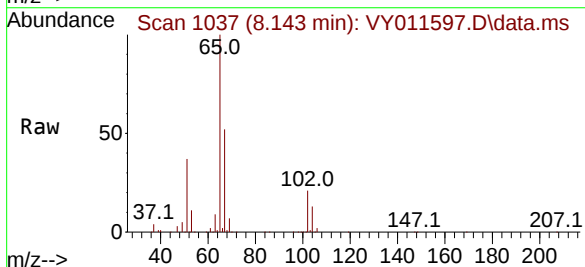
Instrument :
MSVOA_Y
ClientSampleId :
MH-13

Tgt Ion:168 Resp: 196964
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.090 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011597.D
Acq: 28 Nov 2022 12:49

Tgt Ion: 65 Resp: 136177
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011597.D

Acq: 28 Nov 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

MH-13

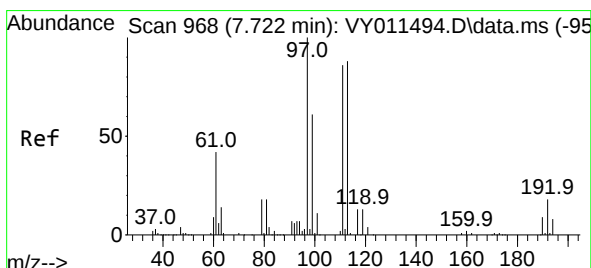
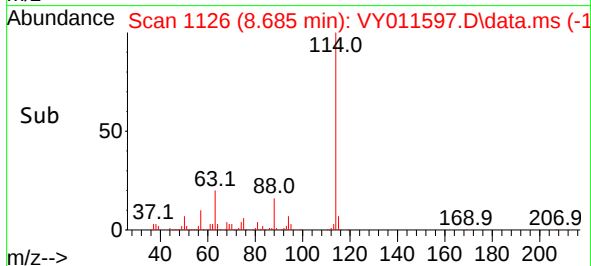
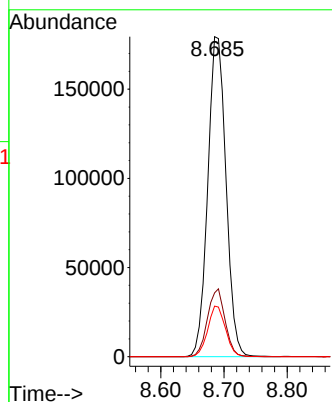
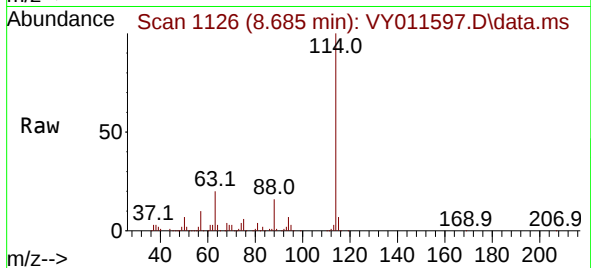
Tgt Ion:114 Resp: 359834

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.200 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011597.D

Acq: 28 Nov 2022 12:49

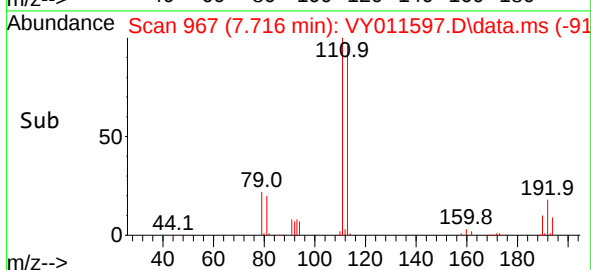
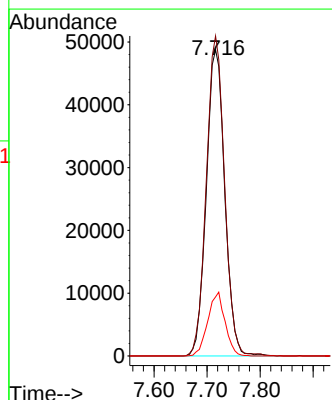
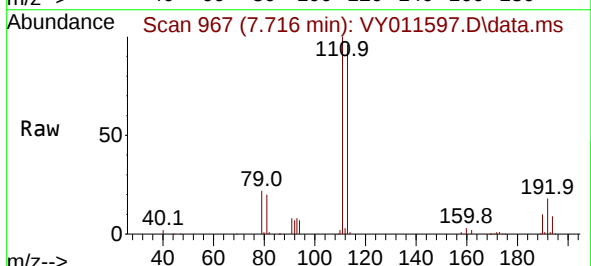
Tgt Ion:113 Resp: 117843

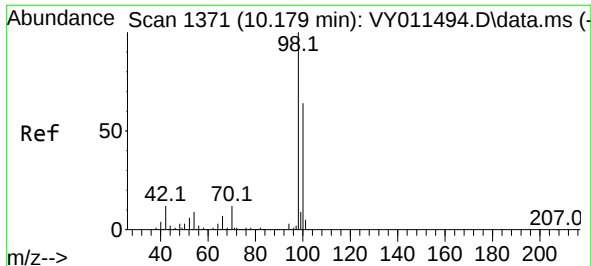
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.5 17.6 26.4

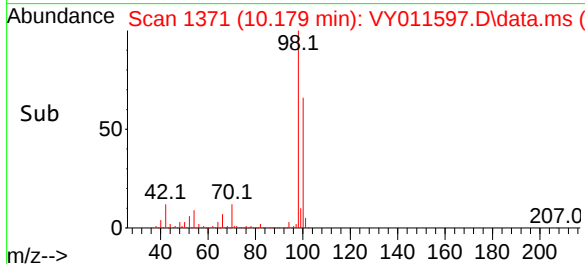
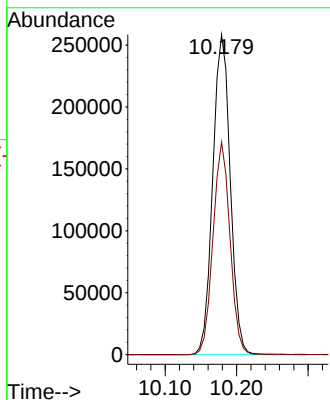
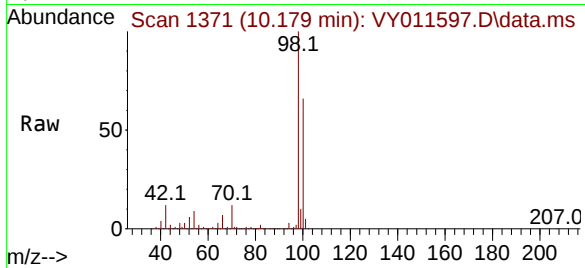




#50
Toluene-d8
Concen: 54.548 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011597.D
Acq: 28 Nov 2022 12:49

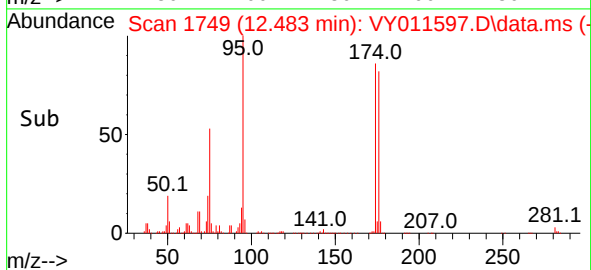
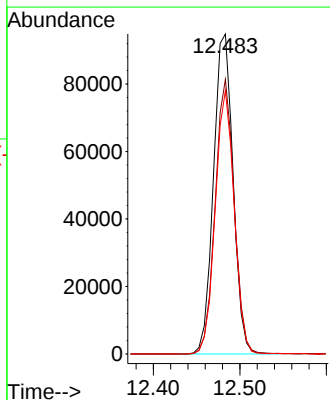
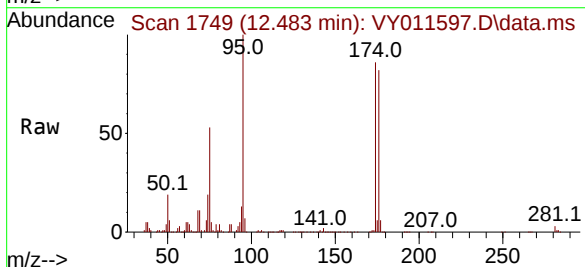
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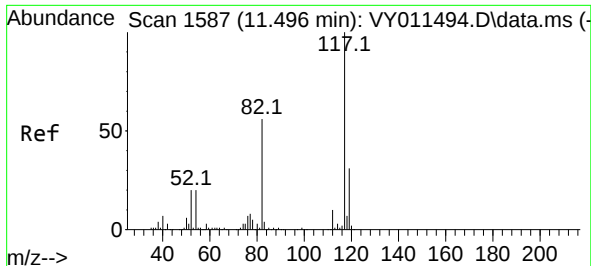
Tgt Ion: 98 Resp: 439087
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.064 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011597.D
Acq: 28 Nov 2022 12:49

Tgt Ion: 95 Resp: 148999
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 79.8 0.0 175.8

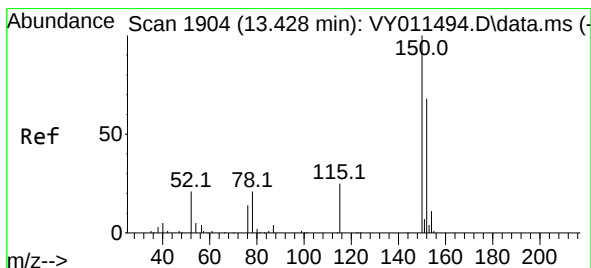
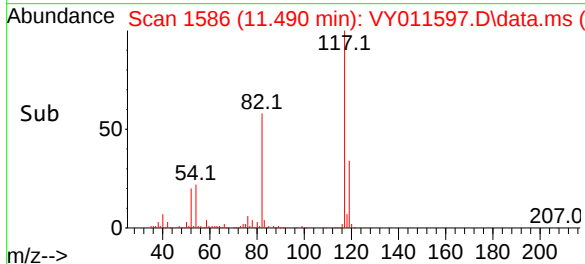
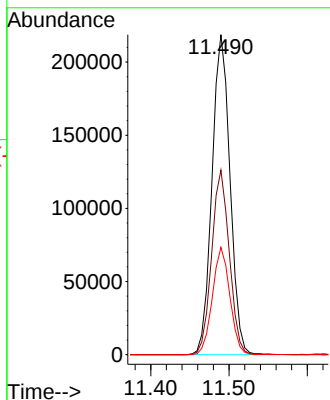
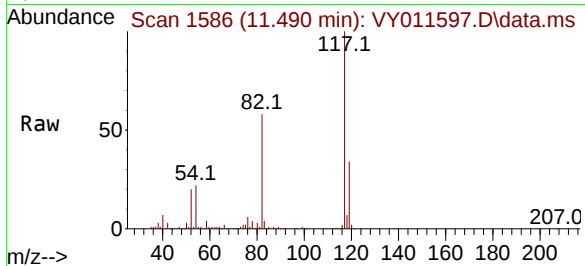




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011597.D
Acq: 28 Nov 2022 12:49

Instrument :
MSVOA_Y
ClientSampleId :
MH-13

Tgt Ion:117 Resp: 349537
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 33.5 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: VY011597.D
Acq: 28 Nov 2022 12:49

Tgt Ion:152 Resp: 160708
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 156.4 0.0 347.6

