

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011837.D
 Acq On : 14 Dec 2022 12:10
 Operator : KP/MD
 Sample : N6046-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-121322

Quant Time: Dec 15 01:18:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3867	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1255	52.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.540%	
35) Dibromofluoromethane	7.710	113	668	27.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 54.200%	
50) Toluene-d8	10.185	98	3306	42.615	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.220%	
62) 4-Bromofluorobenzene	12.477	95	833	25.346	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 50.700%	

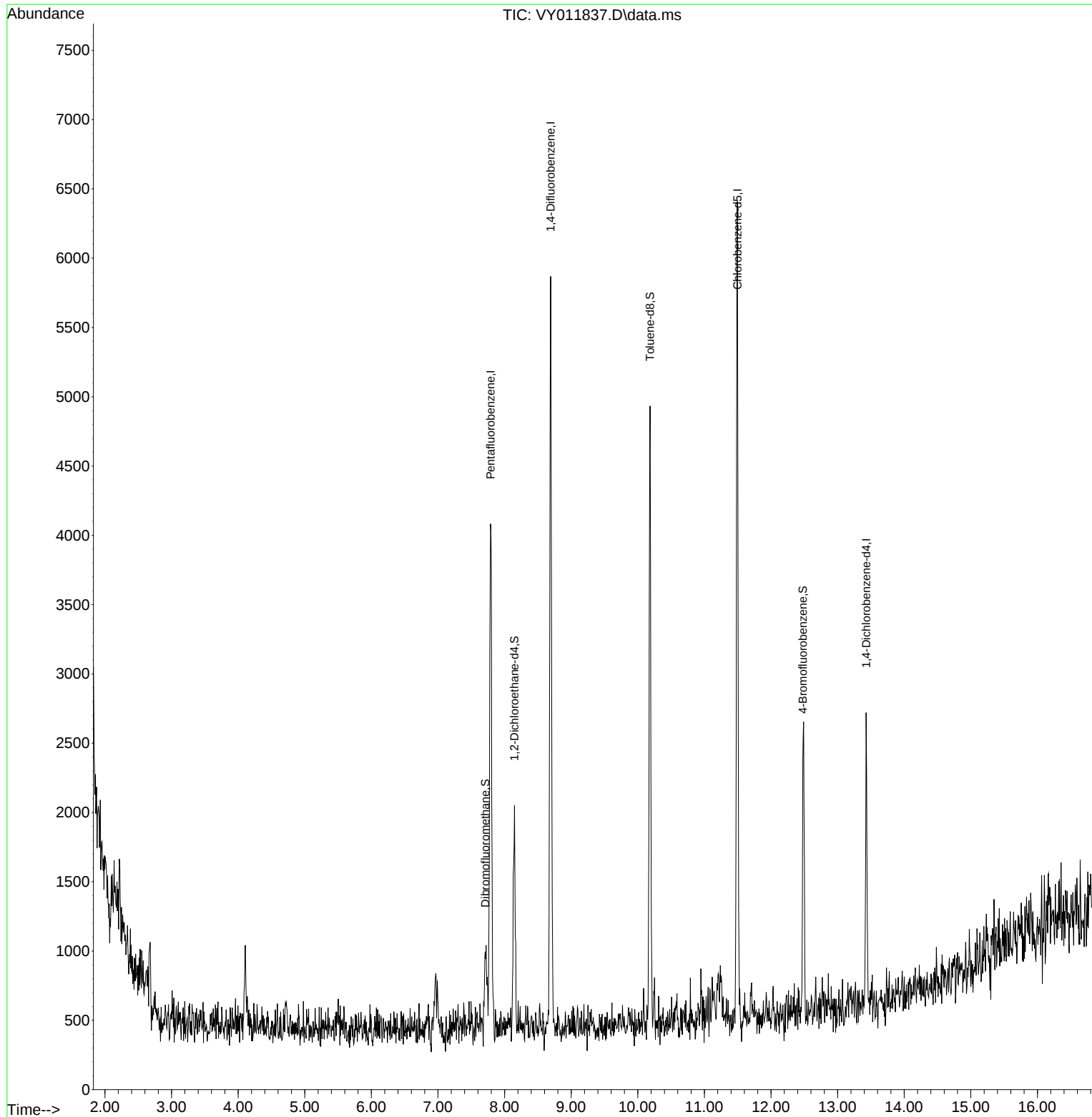
Target Compounds Qvalue

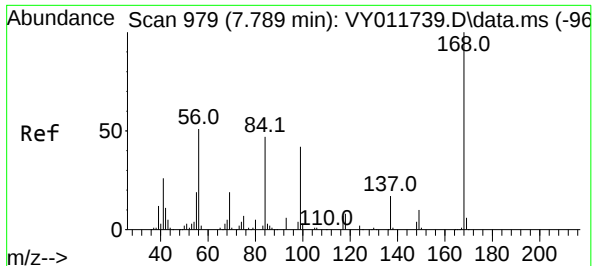
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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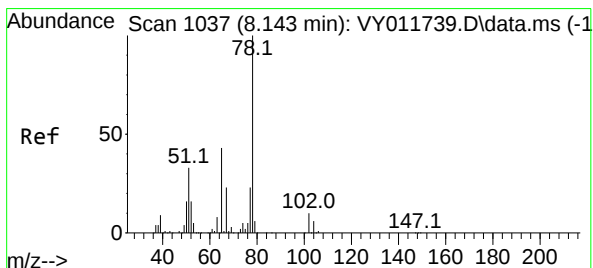
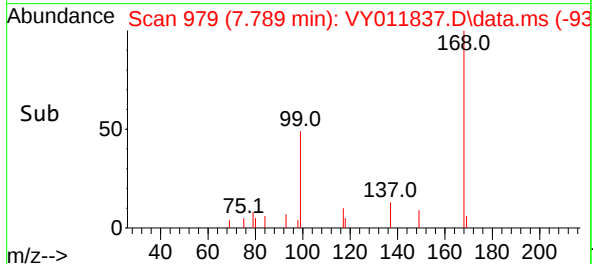
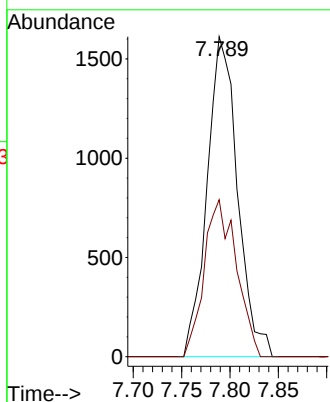
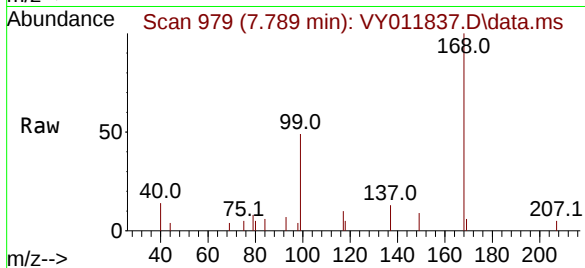




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011837.D
Acq: 14 Dec 2022 12:10

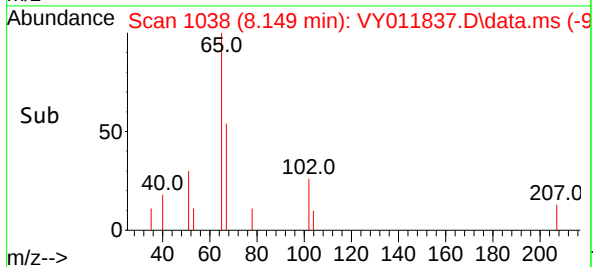
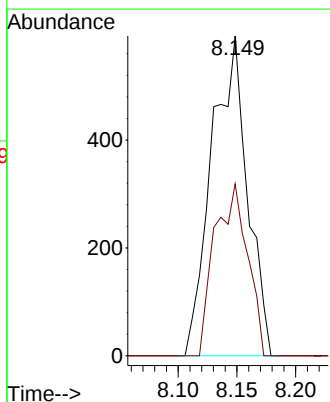
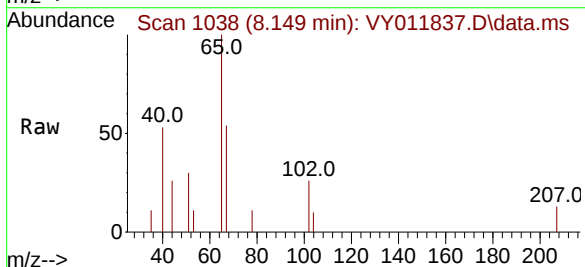
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-121322

Tgt Ion:168 Resp: 3533
Ion Ratio Lower Upper
168 100
99 49.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.274 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011837.D
Acq: 14 Dec 2022 12:10

Tgt Ion: 65 Resp: 1255
Ion Ratio Lower Upper
65 100
67 49.2 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: VY011837.D

Acq: 14 Dec 2022 12:10

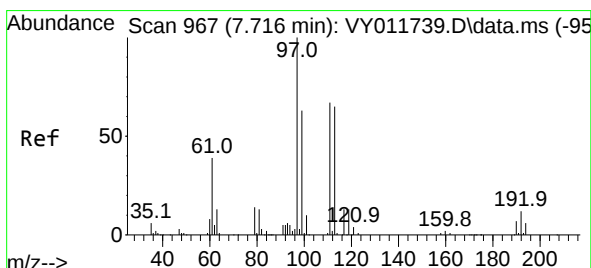
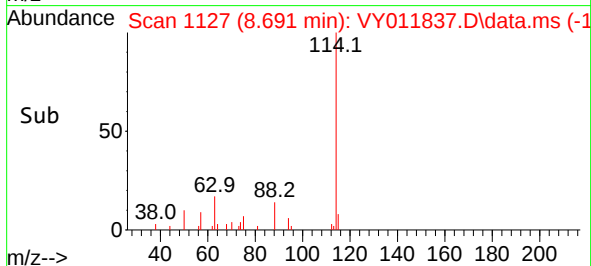
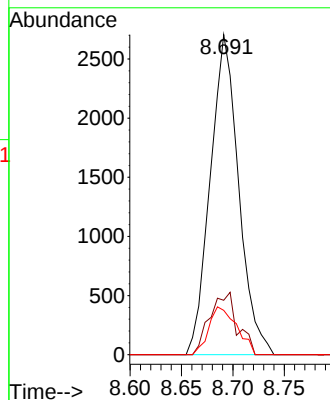
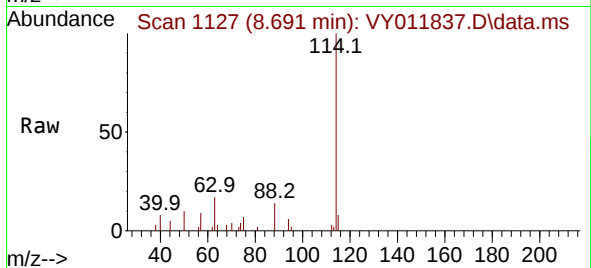
Instrument :

MSVOA_Y

ClientSampleId :

HR-01-121322

Tgt Ion:	114	Resp:	5206
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	39.6
88	13.9	0.0	32.2



#35

Dibromofluoromethane

Concen: 27.099 ug/l

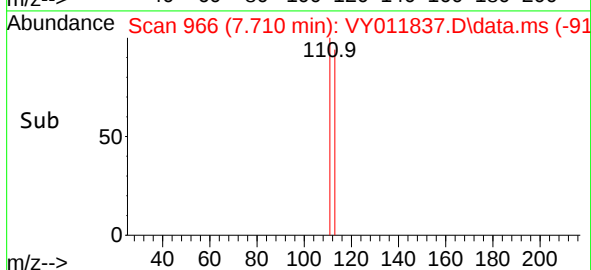
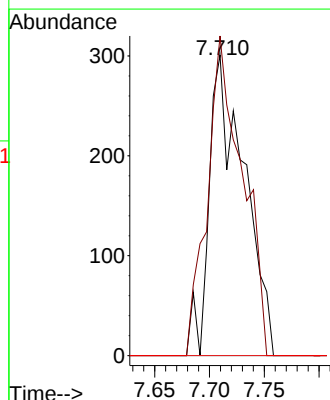
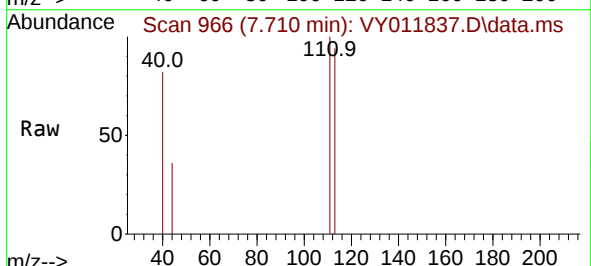
RT: 7.710 min Scan# 966

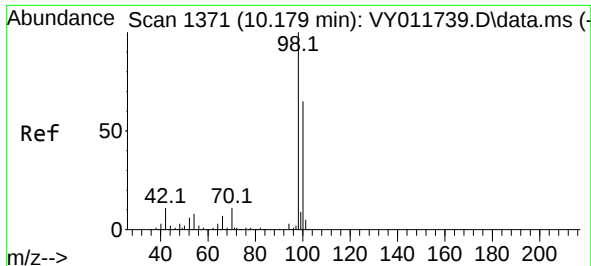
Delta R.T. -0.006 min

Lab File: VY011837.D

Acq: 14 Dec 2022 12:10

Tgt Ion:	113	Resp:	668
Ion	Ratio	Lower	Upper
113	100		
111	106.4	83.0	124.4
192	0.0	16.0	24.0

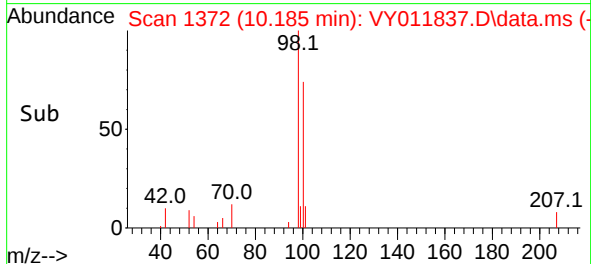
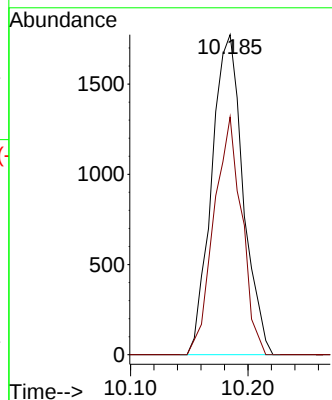
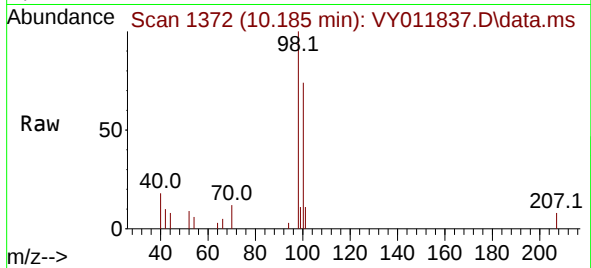




#50
Toluene-d8
Concen: 42.615 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011837.D
Acq: 14 Dec 2022 12:10

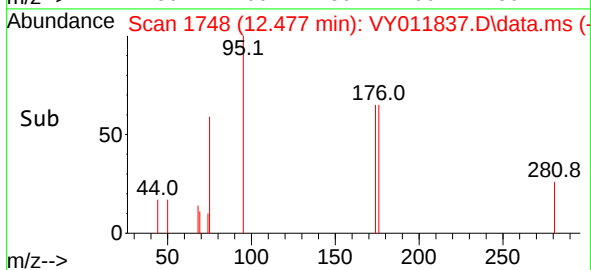
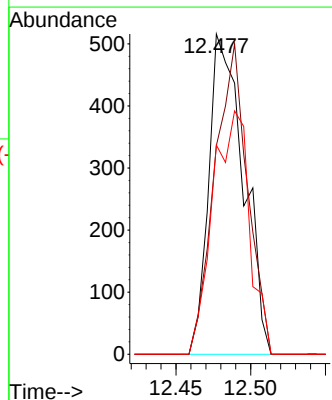
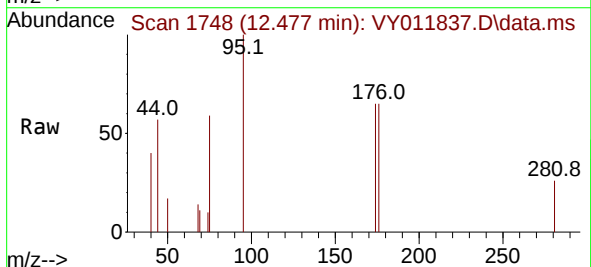
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-121322

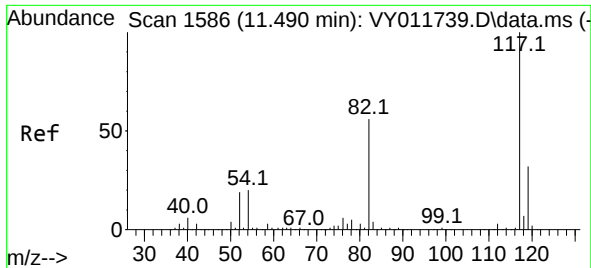
Tgt Ion: 98 Resp: 3306
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 25.346 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011837.D
Acq: 14 Dec 2022 12:10

Tgt Ion: 95 Resp: 833
Ion Ratio Lower Upper
95 100
174 91.6 0.0 172.0
176 80.2 0.0 167.6

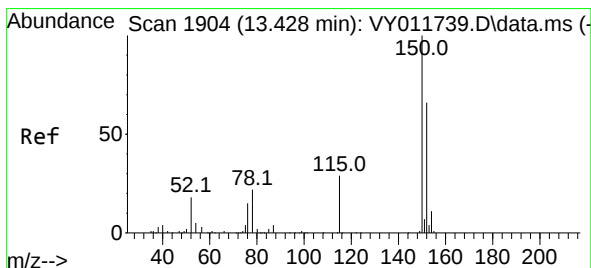
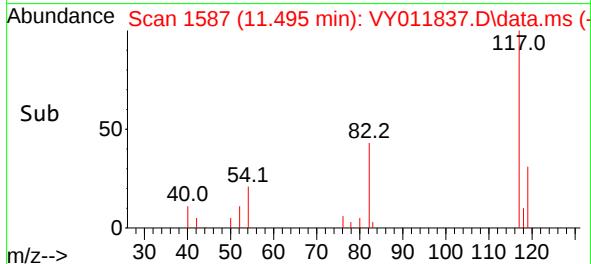
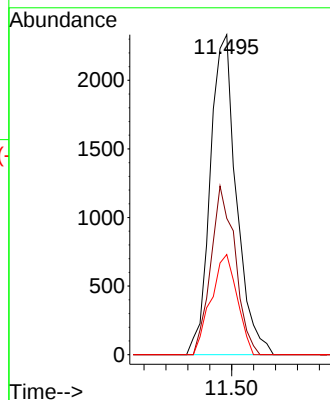
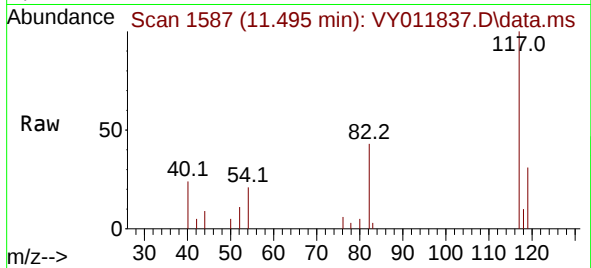




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY011837.D
Acq: 14 Dec 2022 12:10

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-121322

Tgt Ion:117 Resp: 3867
Ion Ratio Lower Upper
117 100
82 42.6 44.8 67.2#
119 31.3 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: VY011837.D
Acq: 14 Dec 2022 12:10

Tgt Ion:152 Resp: 685
Ion Ratio Lower Upper
152 100
115 50.9 29.1 87.3
150 142.0 0.0 342.6

