

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011636.D
 Acq On : 30 Nov 2022 13:18
 Operator : KP/MD
 Sample : N5809-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOWE-DRUM-A-1129

Quant Time: Dec 01 05:22:51 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	7.795	168	1359	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1254	90.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.740%#
35) Dibromofluoromethane	7.728	113	463	31.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.440%
50) Toluene-d8	10.185	98	2573	47.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.495	95	491	24.643	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	49.280%

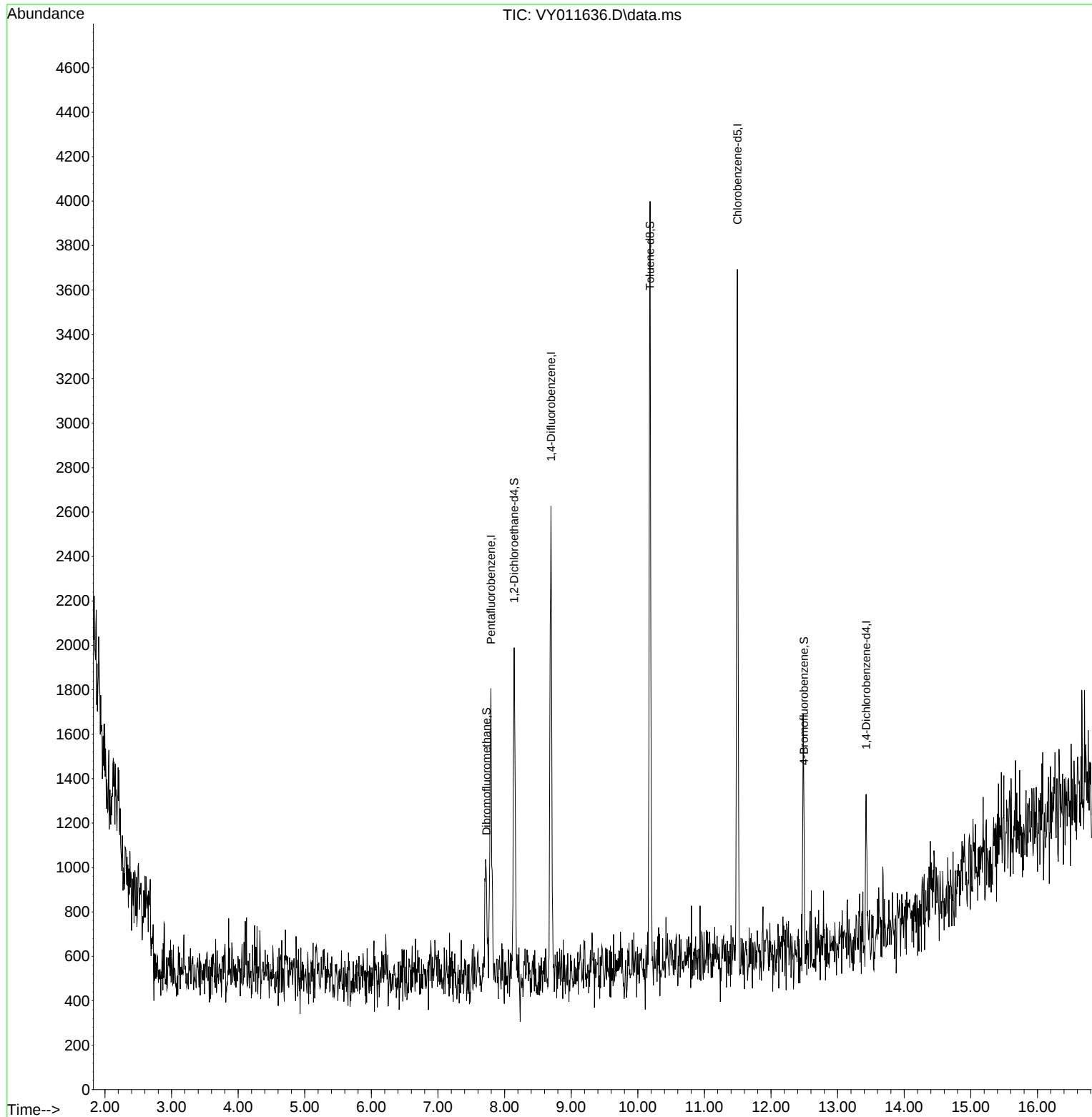
Target Compounds	Qvalue

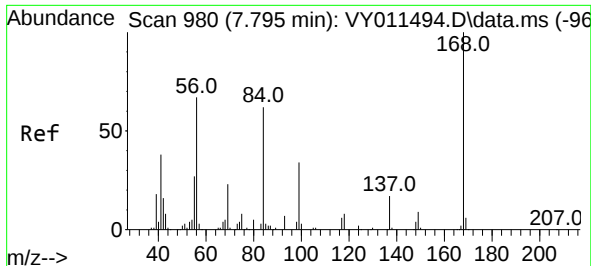
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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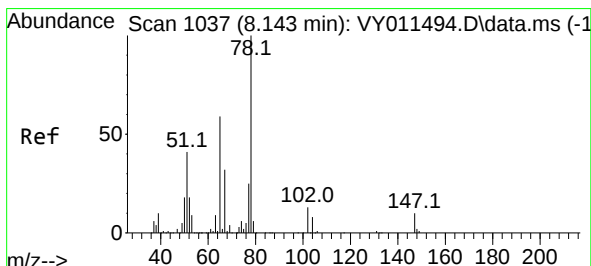
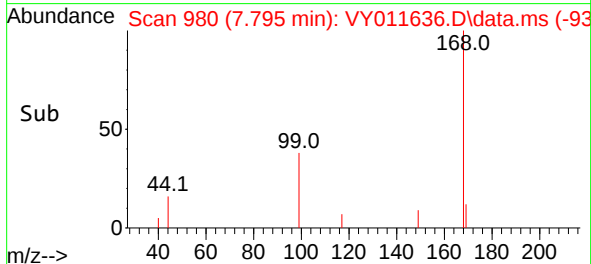
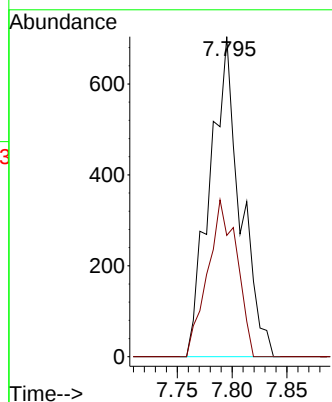
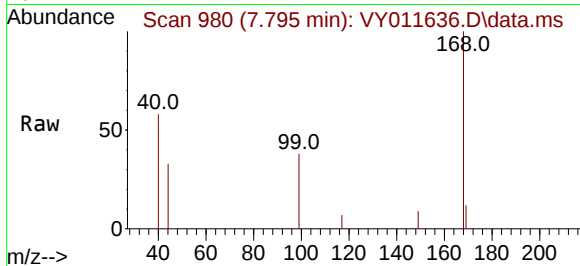




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011636.D
Acq: 30 Nov 2022 13:18

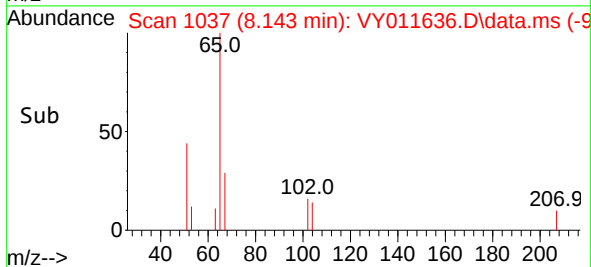
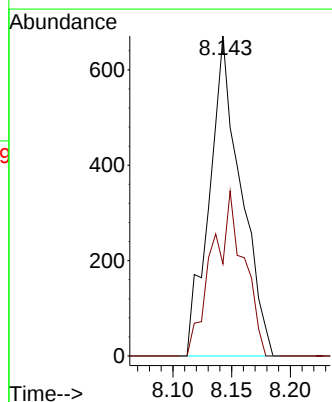
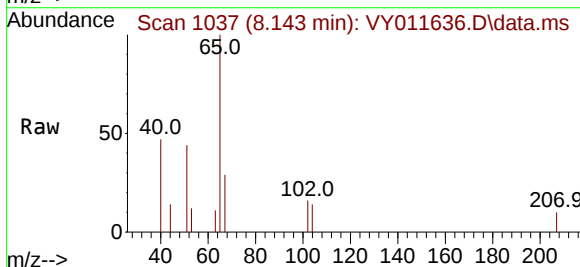
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-A-1129

Tgt Ion:168 Resp: 1359
Ion Ratio Lower Upper
168 100
99 37.9 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 90.875 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011636.D
Acq: 30 Nov 2022 13:18

Tgt Ion: 65 Resp: 1254
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011636.D

Acq: 30 Nov 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

HOWE-DRUM-A-1129

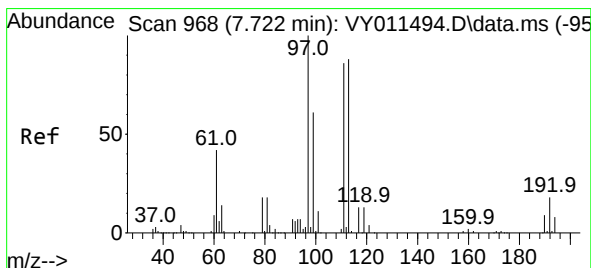
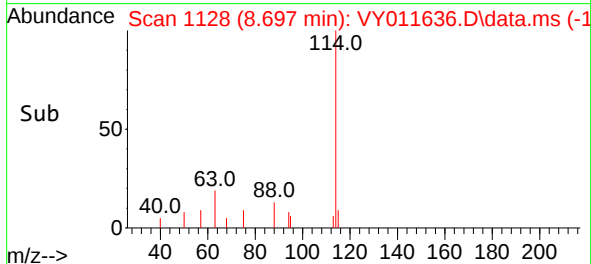
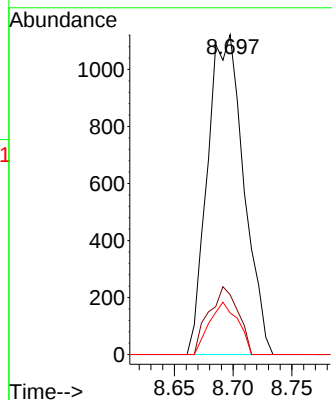
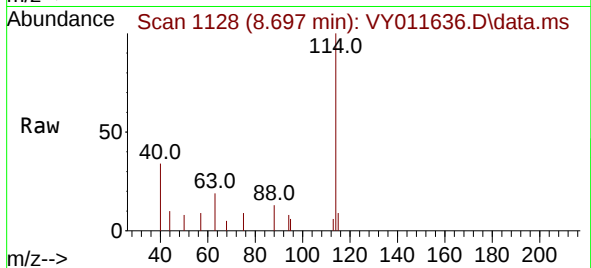
Tgt Ion:114 Resp: 2409

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 31.221 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY011636.D

Acq: 30 Nov 2022 13:18

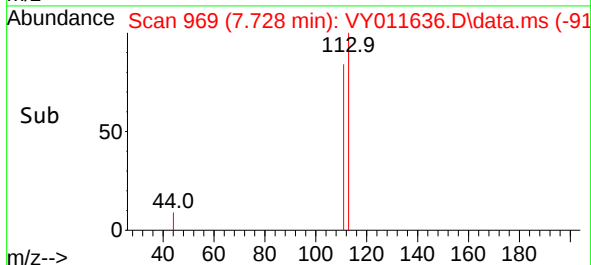
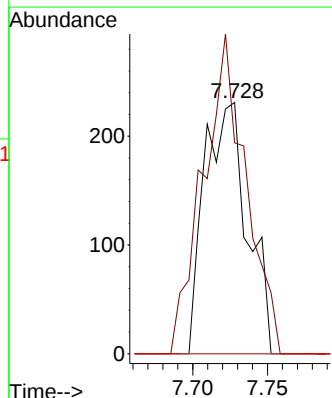
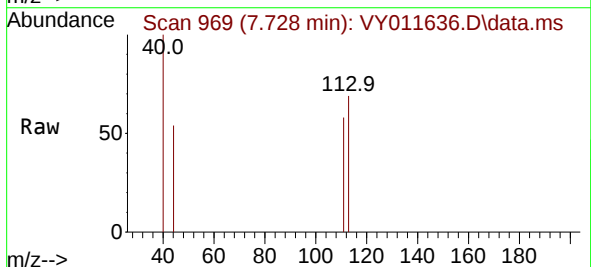
Tgt Ion:113 Resp: 463

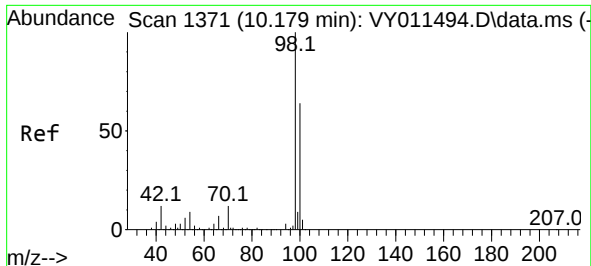
Ion Ratio Lower Upper

113 100

111 126.1 82.6 124.0#

192 0.0 17.6 26.4#

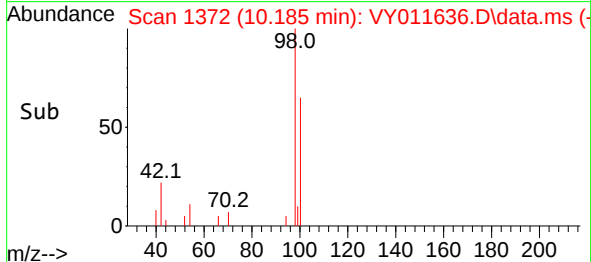
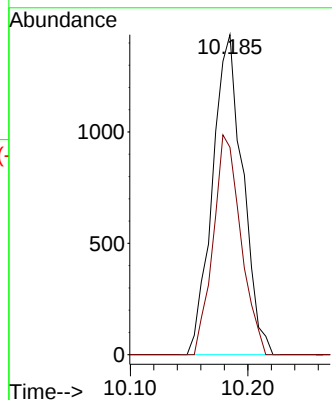
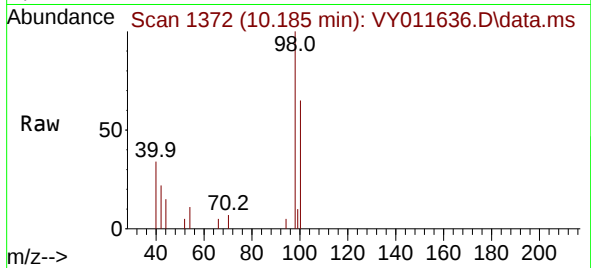




#50
Toluene-d8
Concen: 47.746 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011636.D
Acq: 30 Nov 2022 13:18

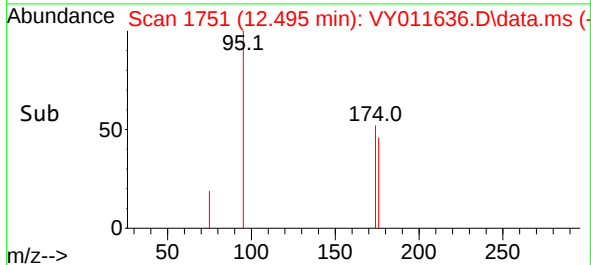
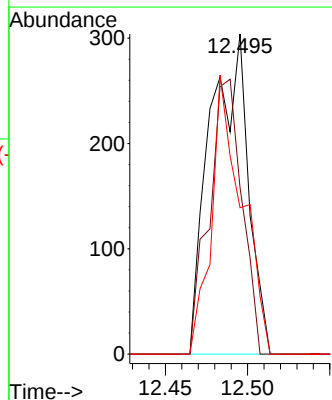
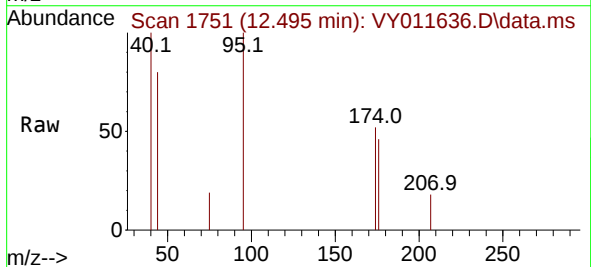
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ClientSampleId :
HOWE-DRUM-A-1129

Tgt Ion: 98 Resp: 2573
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 24.643 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY011636.D
Acq: 30 Nov 2022 13:18

Tgt Ion: 95 Resp: 491
Ion Ratio Lower Upper
95 100
174 73.9 0.0 177.0
176 69.7 0.0 175.8

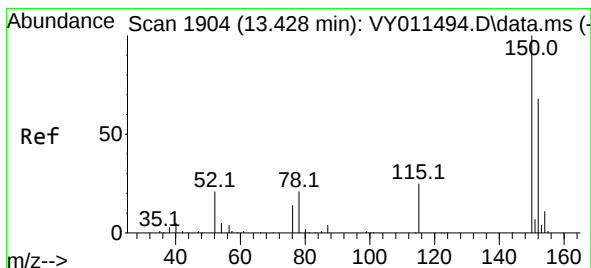
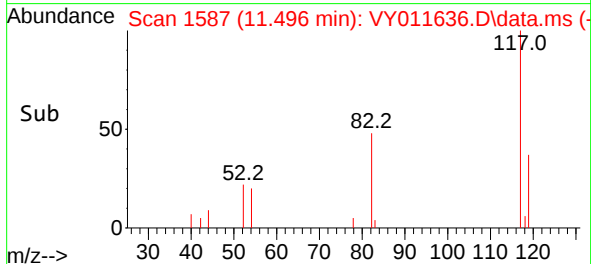
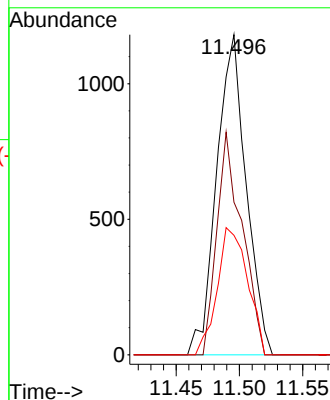
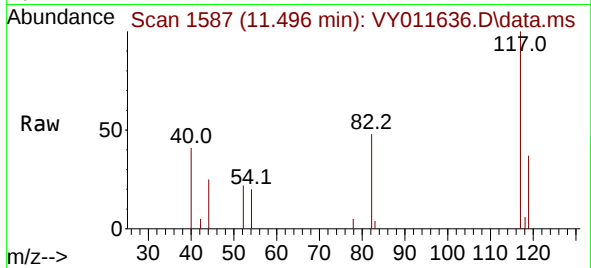




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011636.D
Acq: 30 Nov 2022 13:18

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-A-1129

Tgt Ion:117 Resp: 1915
Ion Ratio Lower Upper
117 100
82 47.7 43.0 64.4
119 37.3 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: VY011636.D
Acq: 30 Nov 2022 13:18

Tgt Ion:152 Resp: 312
Ion Ratio Lower Upper
152 100
115 32.4 28.2 84.7
150 154.5 0.0 347.6

