

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011638.D
 Acq On : 30 Nov 2022 14:05
 Operator : KP/MD
 Sample : N5809-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 01 05:23:19 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	843	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1194	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1090	127.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	254.680%#
35) Dibromofluoromethane	7.710	113	418	47.418	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.840%
50) Toluene-d8	10.179	98	1871	58.407	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.820%
62) 4-Bromofluorobenzene	12.489	95	334	28.200	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.400%

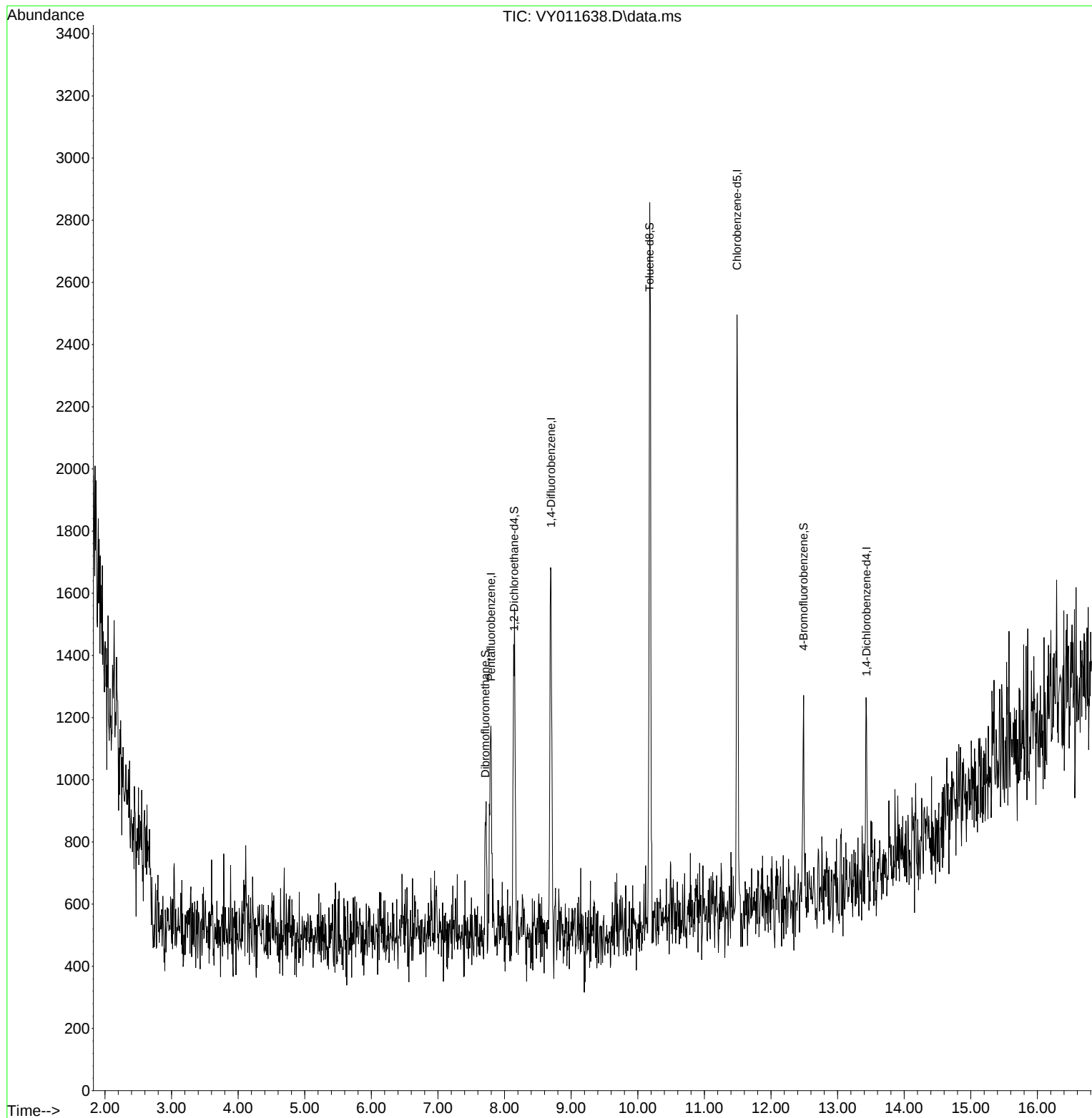
Target Compounds	Qvalue

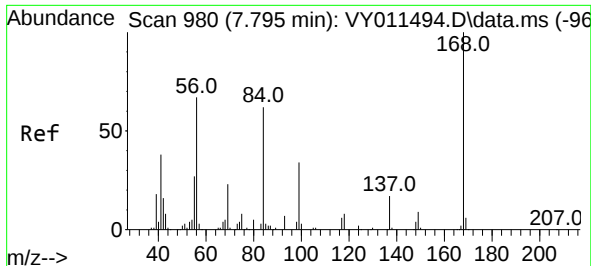
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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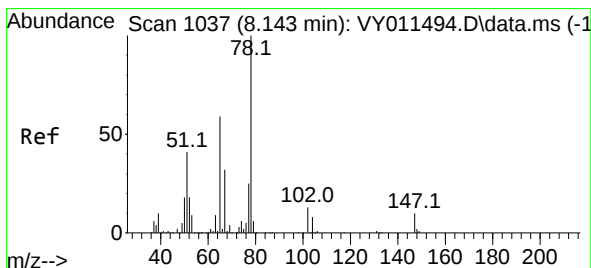
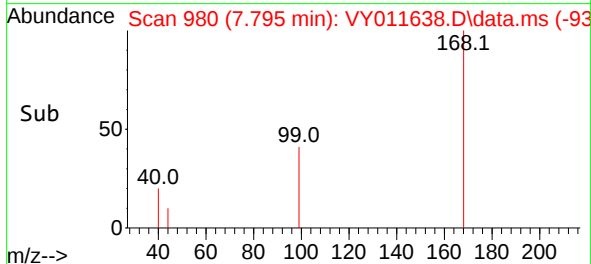
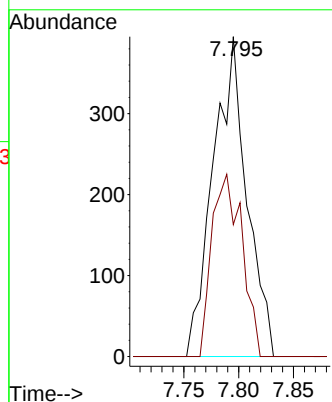
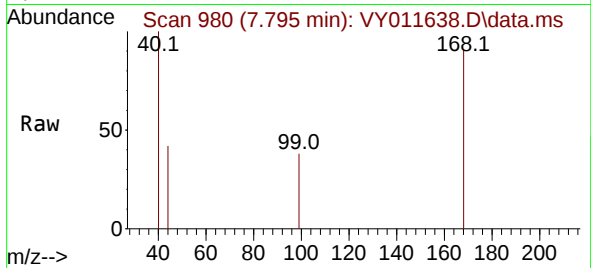




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

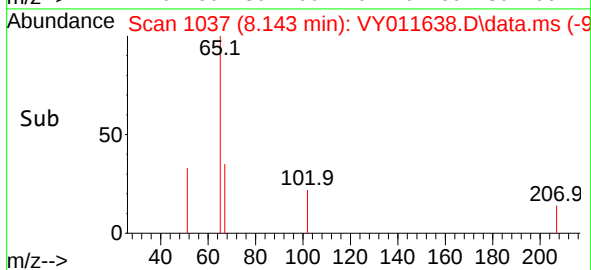
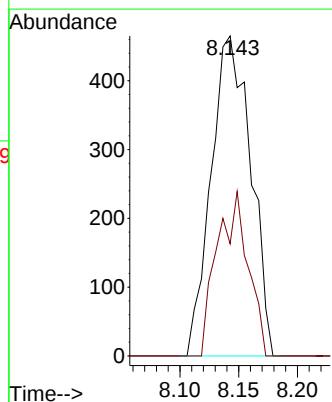
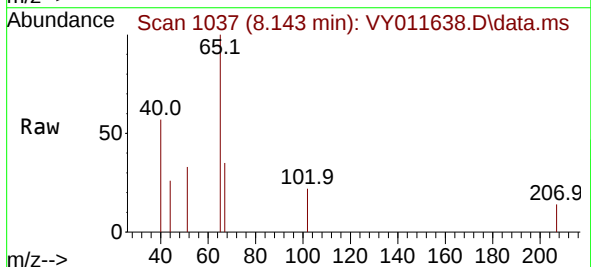
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion:168 Resp: 843
Ion Ratio Lower Upper
168 100
99 41.3 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 127.340 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Tgt Ion: 65 Resp: 1090
Ion Ratio Lower Upper
65 100
67 40.2 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: VY011638.D

Acq: 30 Nov 2022 14:05

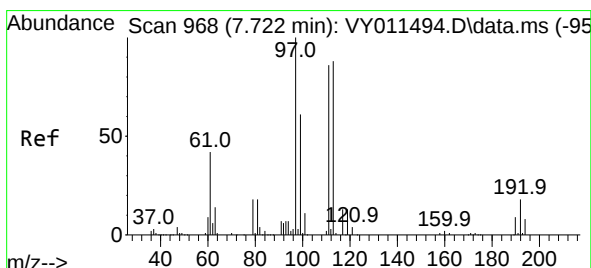
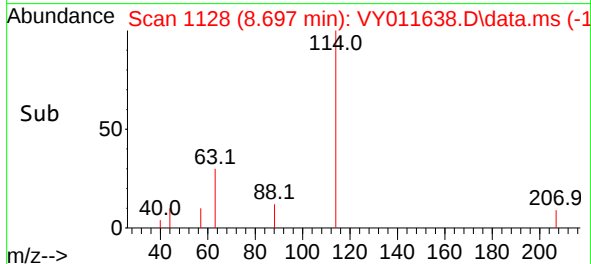
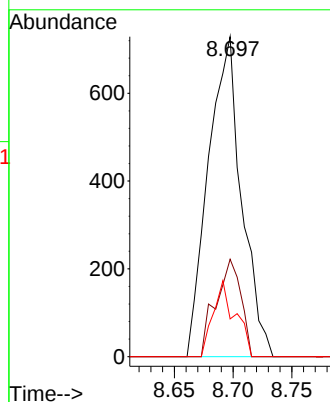
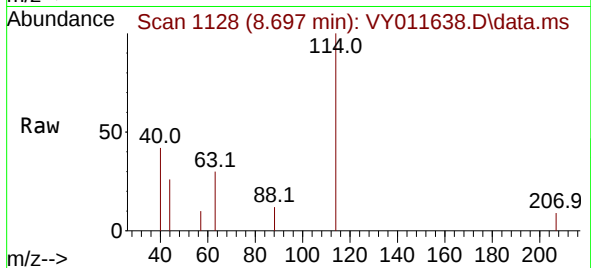
Instrument :

MSVOA_Y

ClientSampleId :

HOWE-DRUM-C-1129

Tgt Ion:114	Resp:	1432
Ion	Ratio	Lower Upper
114	100	
63	30.5	0.0 43.2
88	11.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 47.418 ug/l

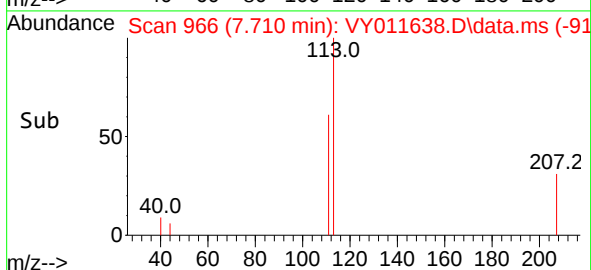
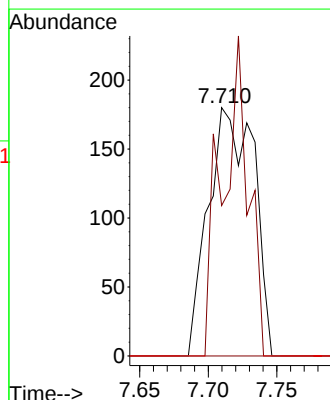
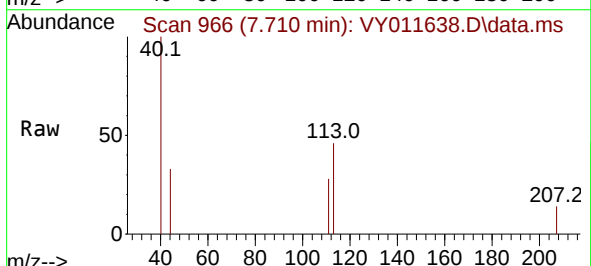
RT: 7.710 min Scan# 966

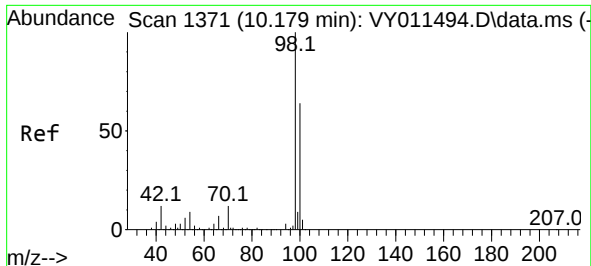
Delta R.T. -0.012 min

Lab File: VY011638.D

Acq: 30 Nov 2022 14:05

Tgt Ion:113	Resp:	418
Ion	Ratio	Lower Upper
113	100	
111	73.9	82.6 124.0#
192	0.0	17.6 26.4#

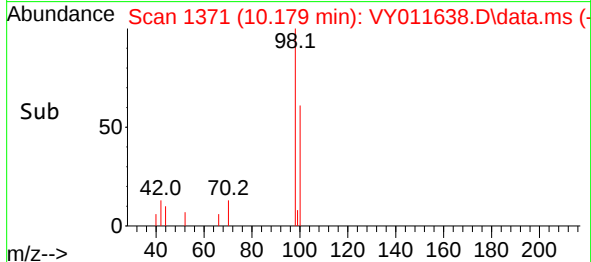
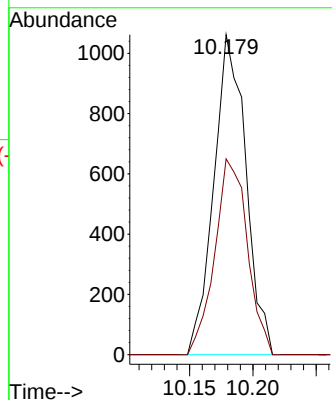
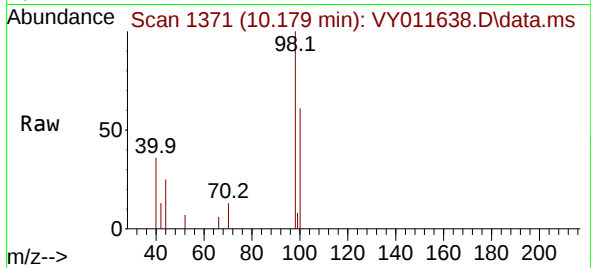




#50
Toluene-d8
Concen: 58.407 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

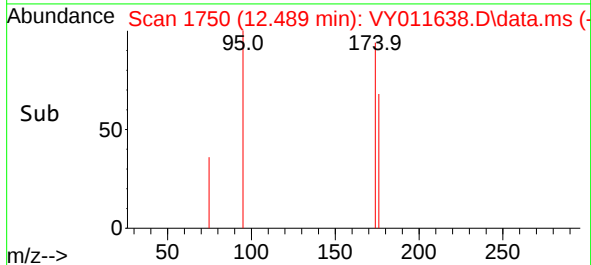
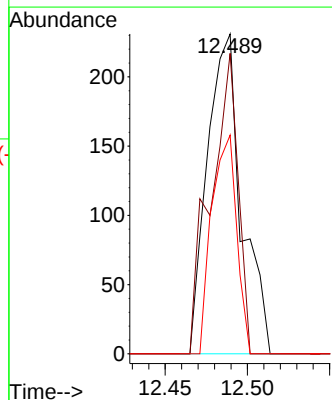
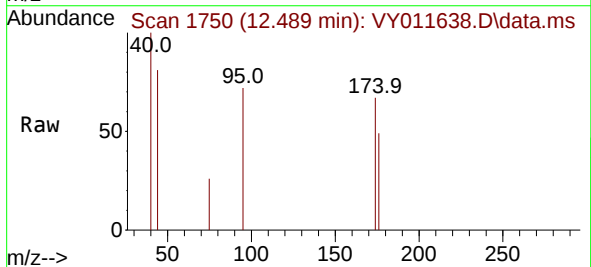
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion: 98 Resp: 1871
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.200 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Tgt Ion: 95 Resp: 334
Ion Ratio Lower Upper
95 100
174 75.1 0.0 177.0
176 49.7 0.0 175.8

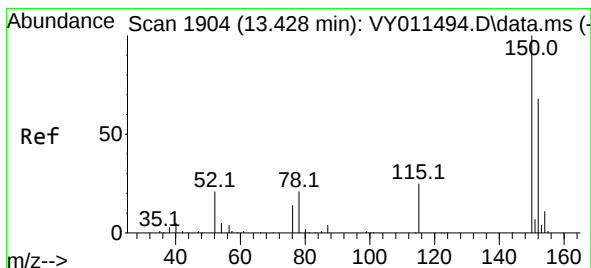
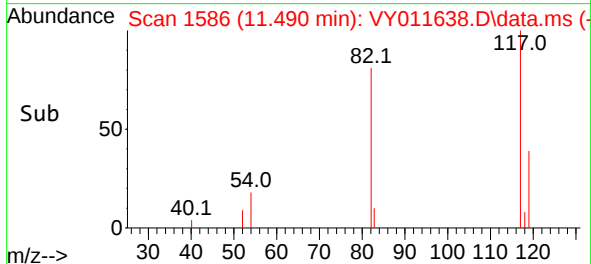
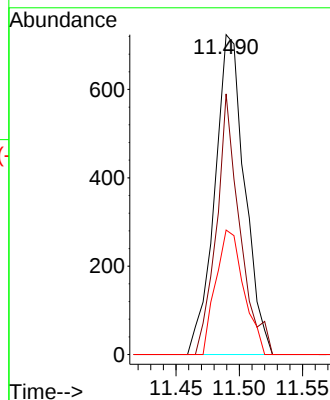
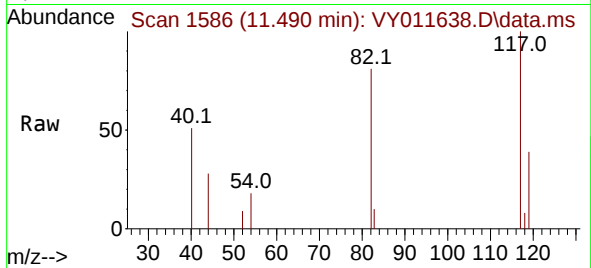




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

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

Tgt Ion:	117	Resp:	1194
Ion	Ratio	Lower	Upper
117	100		
82	81.5	43.0	64.4#
119	39.0	25.4	38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Tgt Ion:	152	Resp:	254
Ion	Ratio	Lower	Upper
152	100		
115	40.2	28.2	84.7
150	161.0	0.0	347.6

