

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011669.D
 Acq On : 01 Dec 2022 17:50
 Operator : KP/MD
 Sample : N5809-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOWE-DRUM-B-1129RE

Quant Time: Dec 02 03:23:16 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	15737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	23163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12063	75.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.980%
35) Dibromofluoromethane	7.715	113	10248	62.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.780%
50) Toluene-d8	10.178	98	31478	52.740	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.483	95	8362	37.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.780%

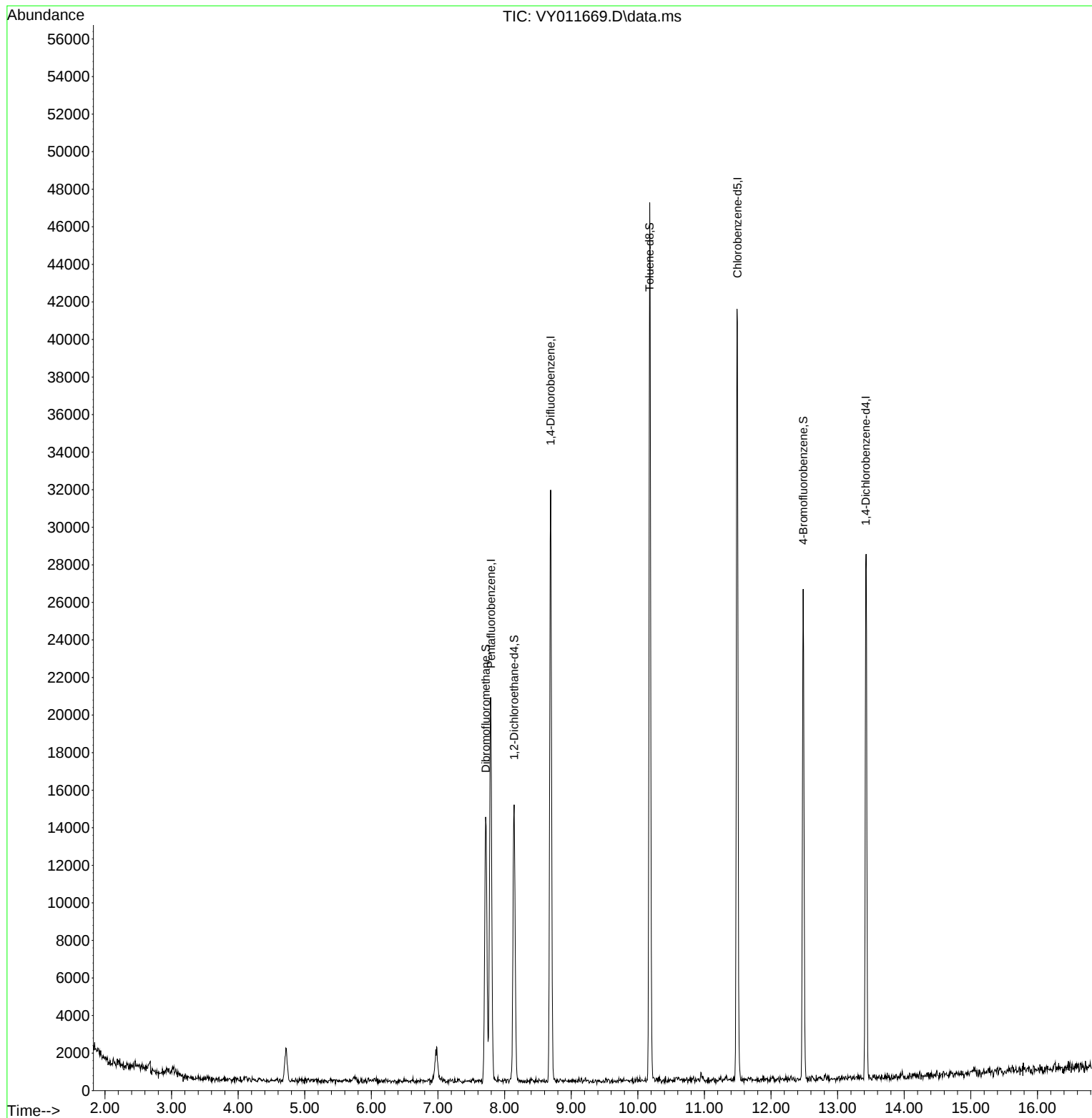
Target Compounds	Qvalue

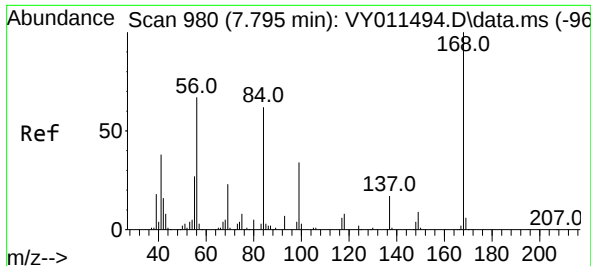
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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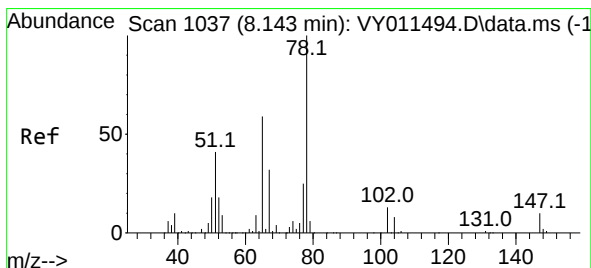
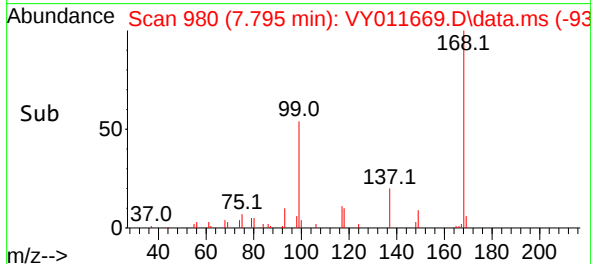
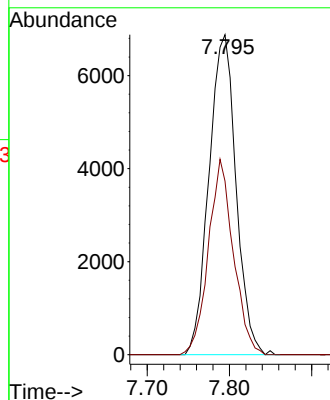
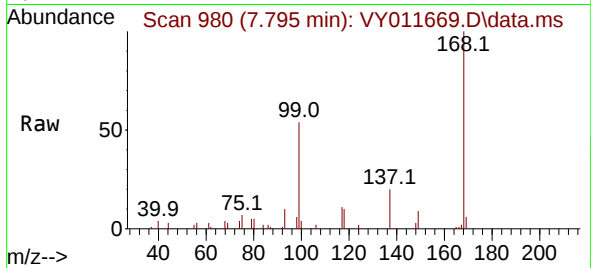




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

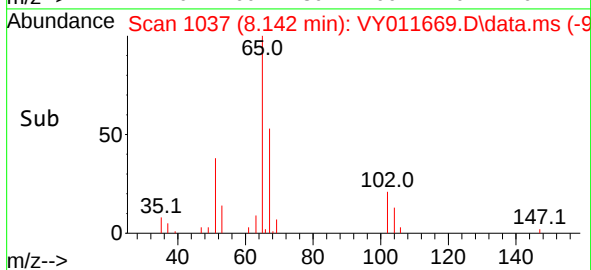
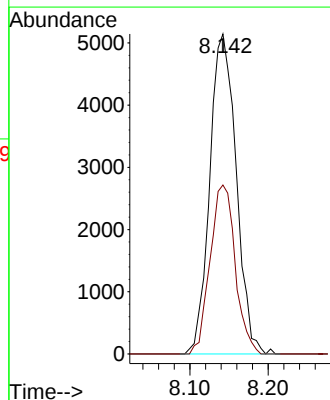
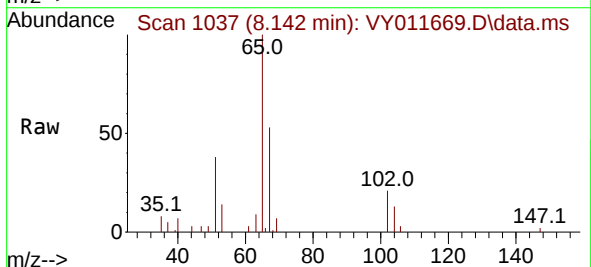
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

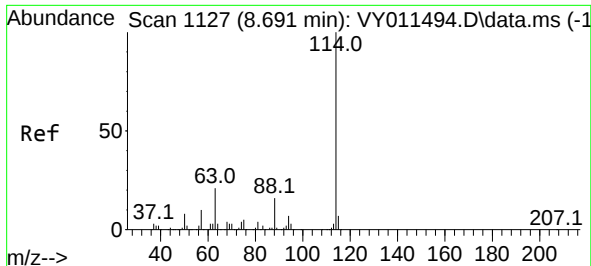
Tgt Ion:168 Resp: 15737
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 75.491 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Tgt Ion: 65 Resp: 12063
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011669.D

Acq: 01 Dec 2022 17:50

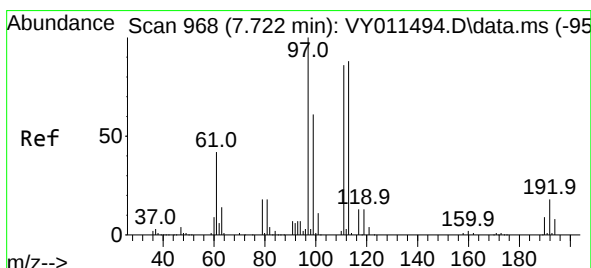
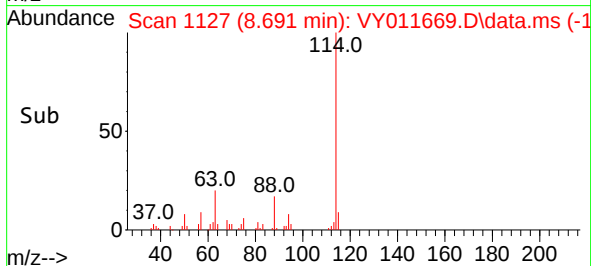
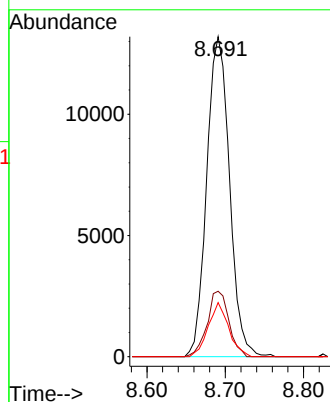
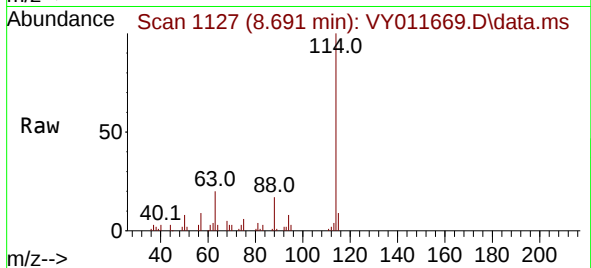
Instrument :

MSVOA_Y

ClientSampleId :

HOWE-DRUM-B-1129RE

Tgt Ion:114	Resp:	26681
Ion Ratio	Lower	Upper
114	100	
63	20.5	0.0 43.2
88	16.9	0.0 31.8



#35

Dibromofluoromethane

Concen: 62.394 ug/l

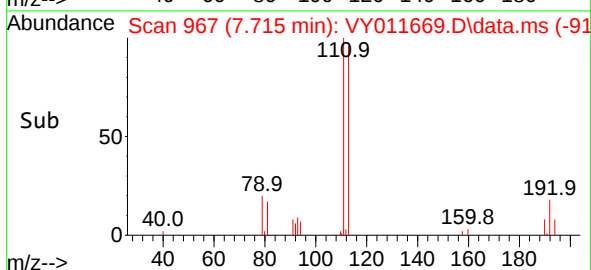
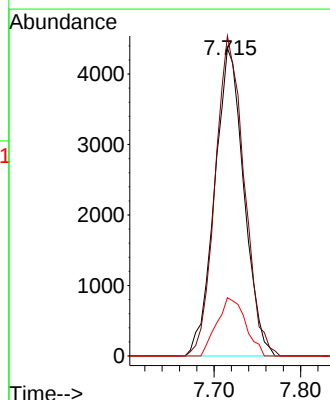
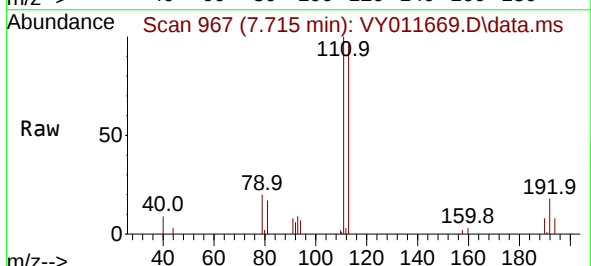
RT: 7.715 min Scan# 967

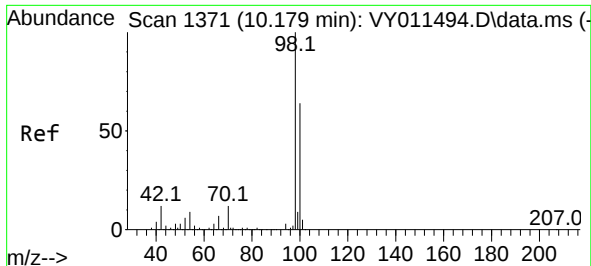
Delta R.T. -0.007 min

Lab File: VY011669.D

Acq: 01 Dec 2022 17:50

Tgt Ion:113	Resp:	10248
Ion Ratio	Lower	Upper
113	100	
111	102.8	82.6 124.0
192	18.4	17.6 26.4

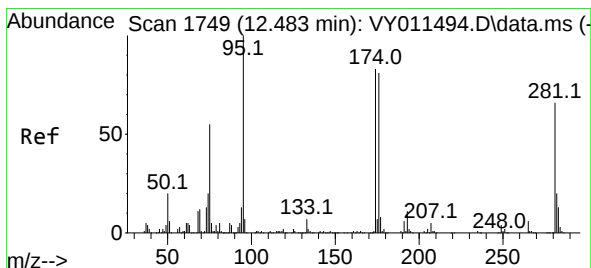
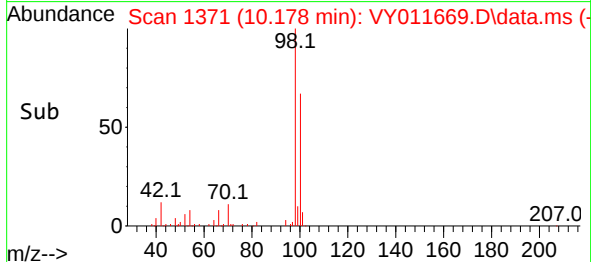
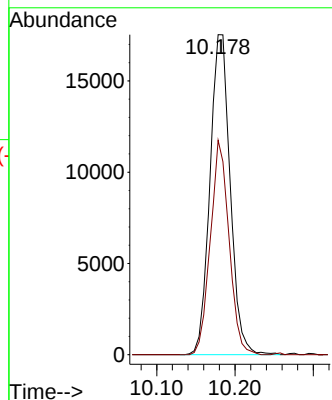
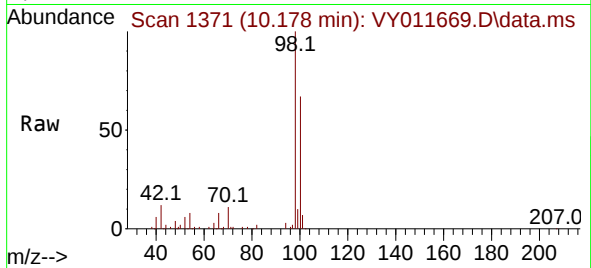




#50
Toluene-d8
Concen: 52.740 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

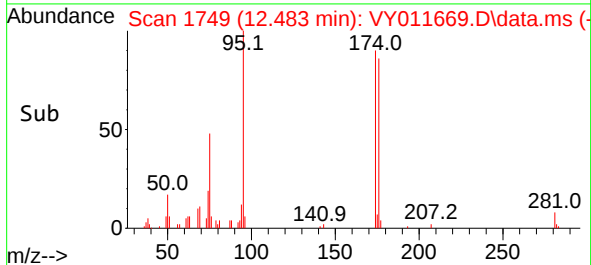
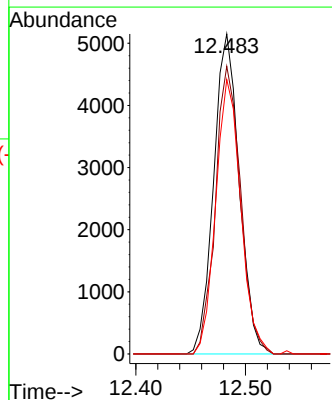
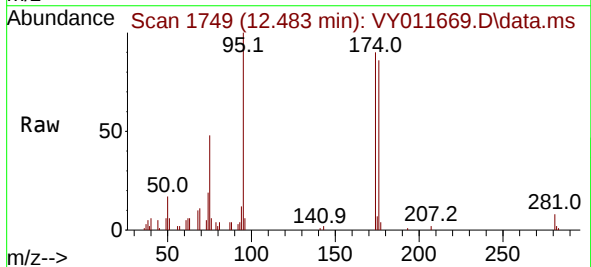
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

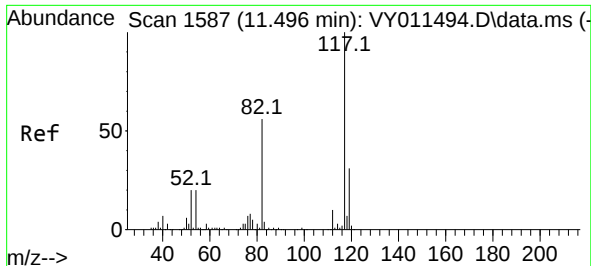
Tgt Ion: 98 Resp: 31478
Ion Ratio Lower Upper
98 100
100 61.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Tgt Ion: 95 Resp: 8362
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 83.7 0.0 175.8

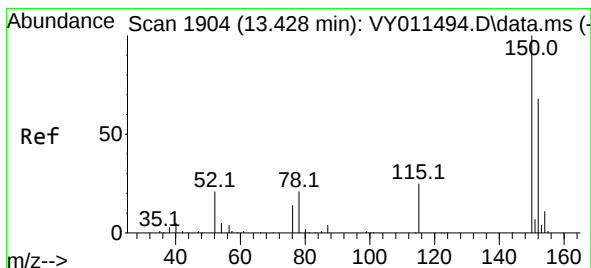
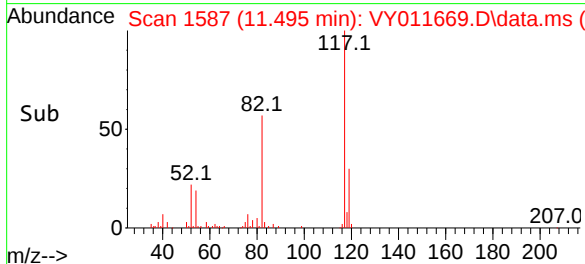
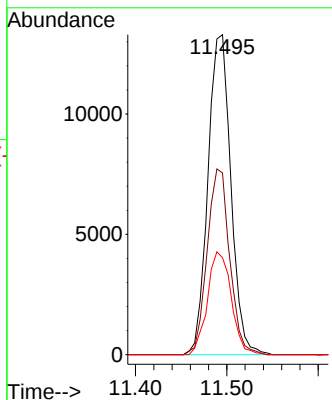
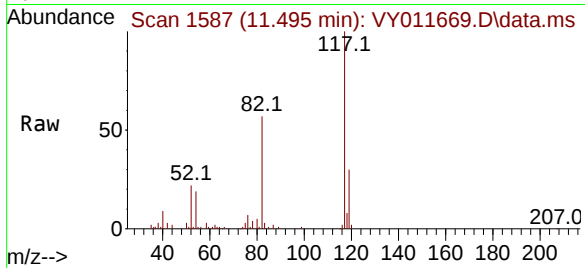




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

Tgt Ion:	117	Resp:	23163
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.0	64.4
119	30.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Tgt Ion:	152	Resp:	8076
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	156.6	0.0	347.6

