

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008550.D
 Acq On : 28 Apr 2022 16:09
 Operator : KP/MD
 Sample : N2600-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15S

Quant Time: Apr 29 02:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	12165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6114	42.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.420%
35) Dibromofluoromethane	7.722	113	6124	47.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.220%
50) Toluene-d8	10.179	98	23573	45.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.400%
62) 4-Bromofluorobenzene	12.483	95	7454	42.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.180%

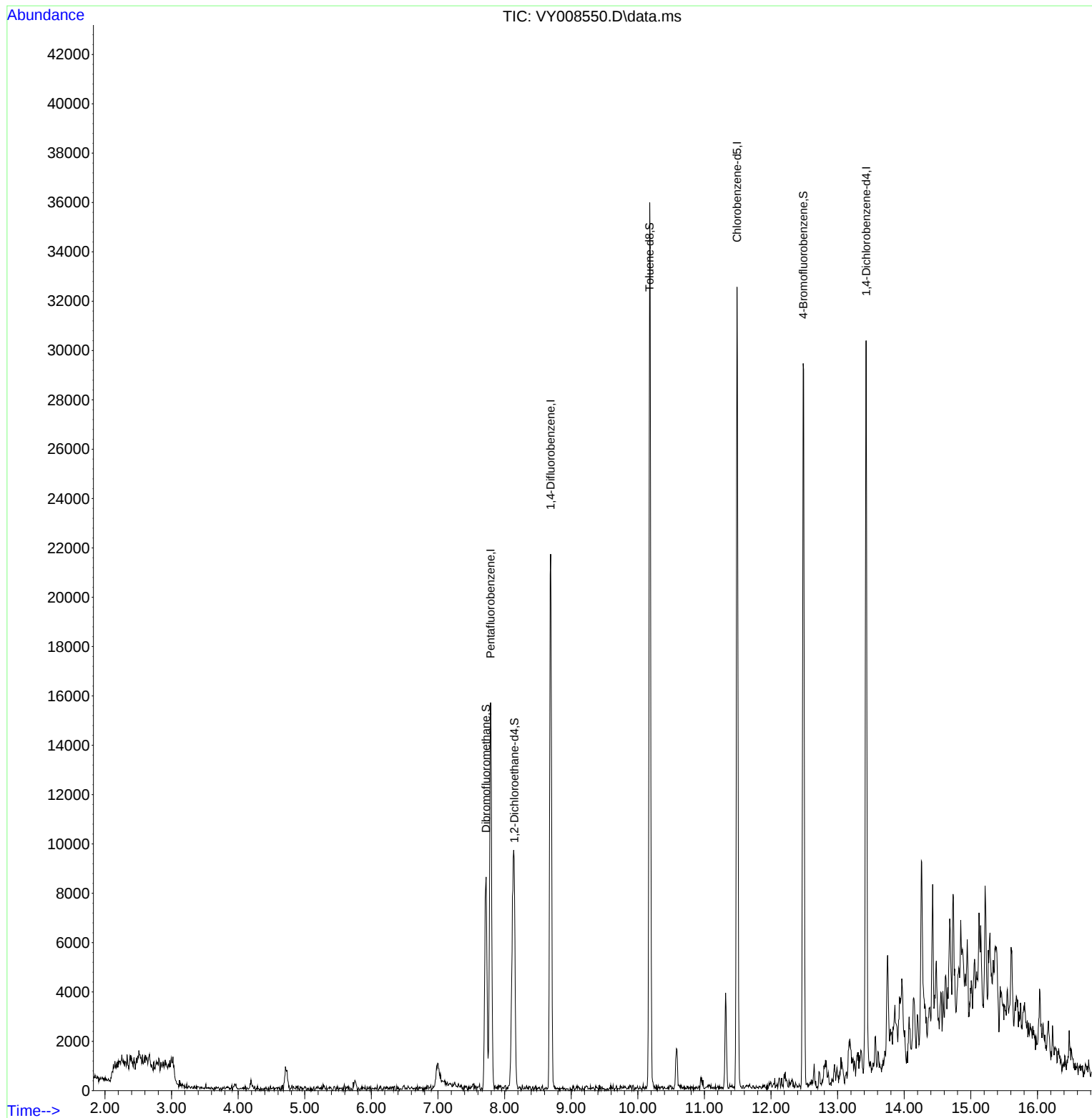
Target Compounds	Qvalue

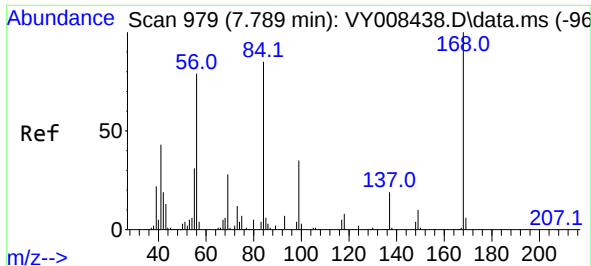
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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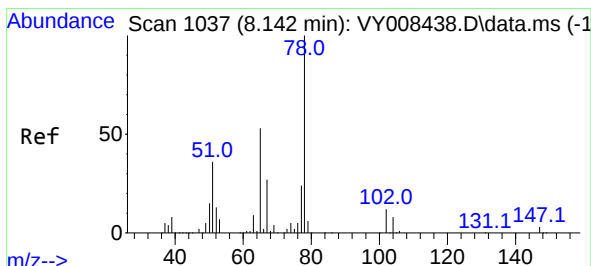
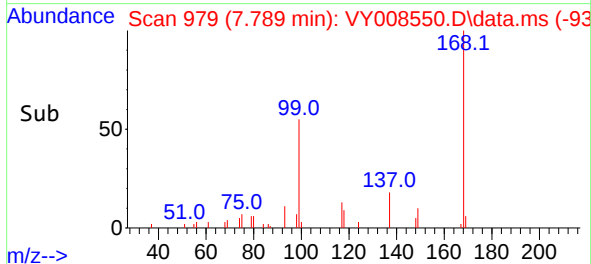
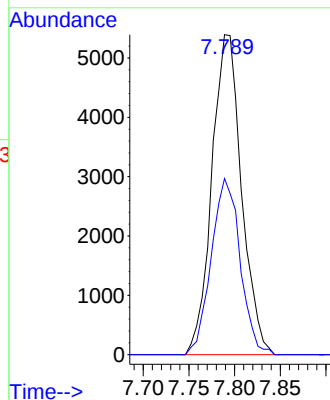
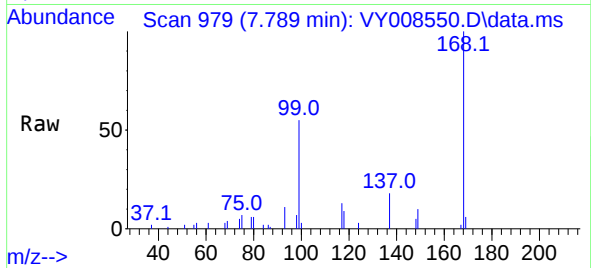




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

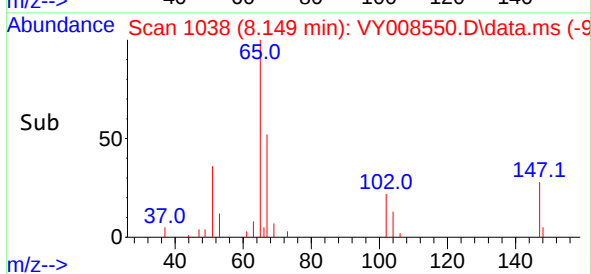
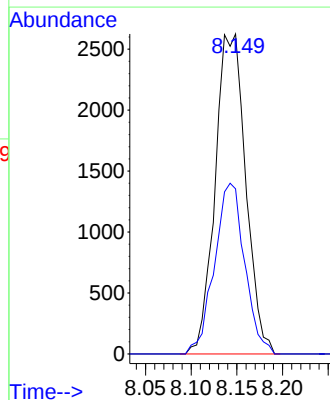
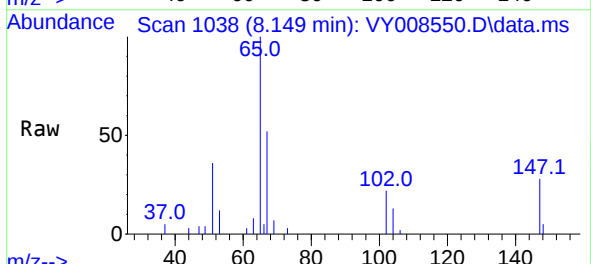
Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

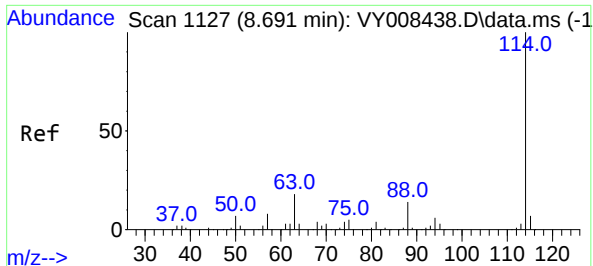
Tgt Ion:168 Resp: 12165
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 42.715 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

Tgt Ion: 65 Resp: 6114
Ion Ratio Lower Upper
65 100
67 52.7 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: VY008550.D

Acq: 28 Apr 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

MH-15S

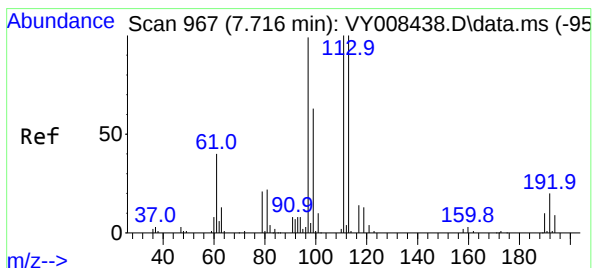
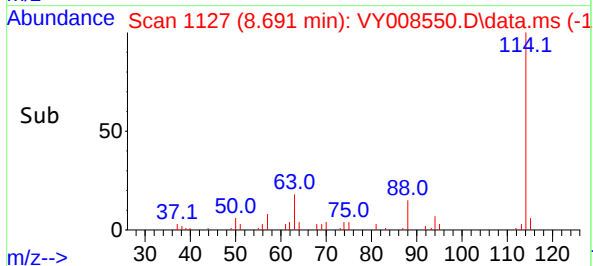
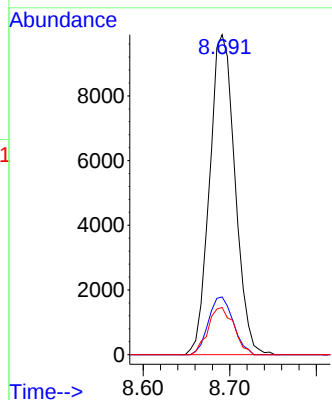
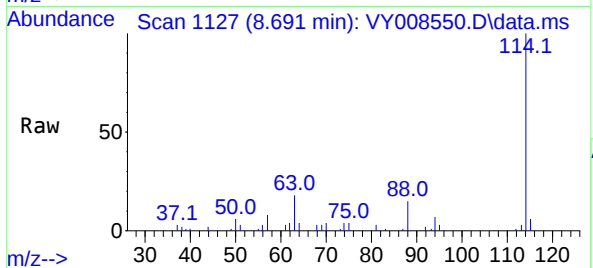
Tgt Ion:114 Resp: 20140

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.115 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008550.D

Acq: 28 Apr 2022 16:09

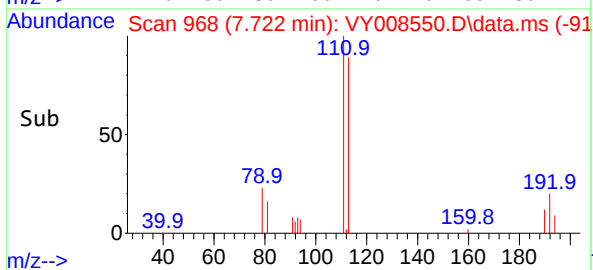
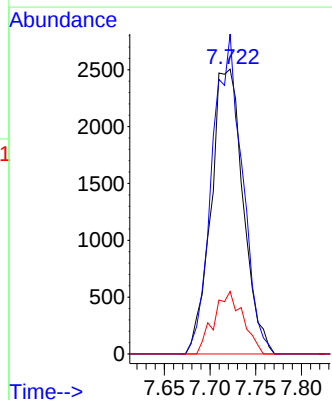
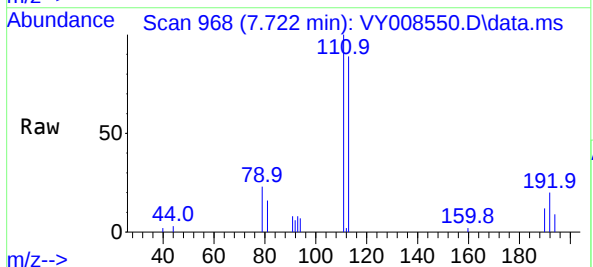
Tgt Ion:113 Resp: 6124

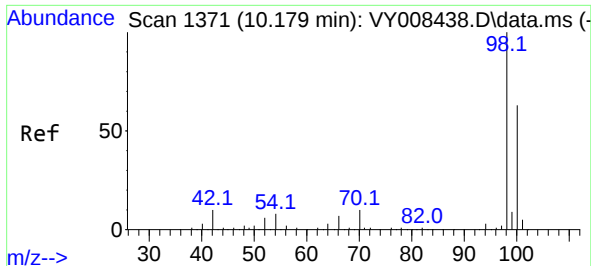
Ion Ratio Lower Upper

113 100

111 105.2 82.6 124.0

192 19.9 17.6 26.4

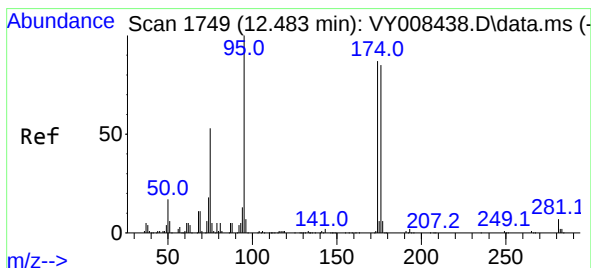
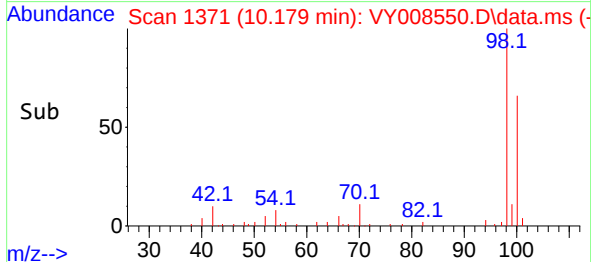
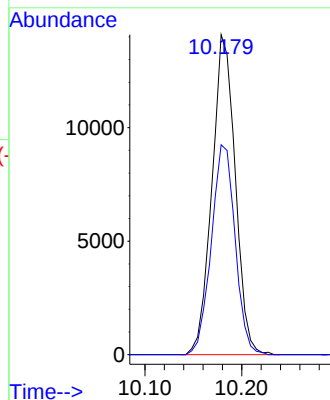
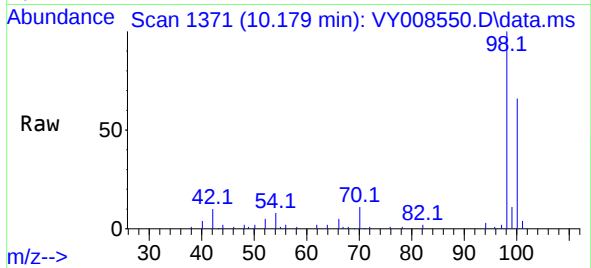




#50
Toluene-d8
Concen: 45.703 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

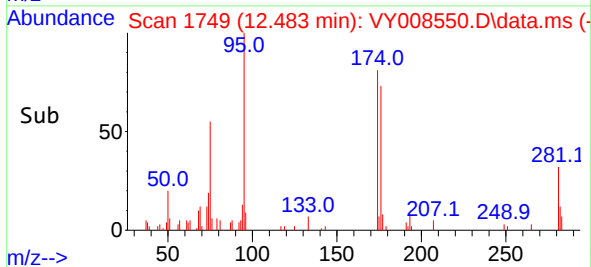
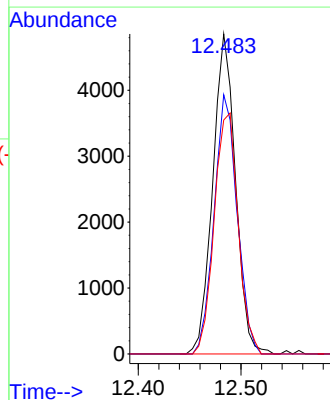
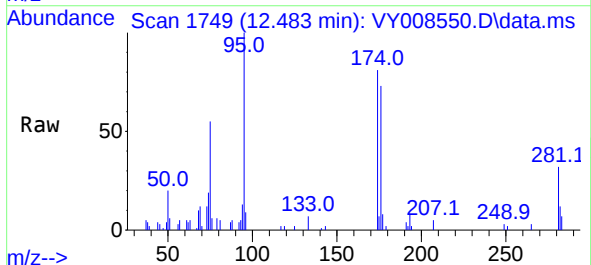
Instrument :
MSVOA_Y
ClientSampleId :
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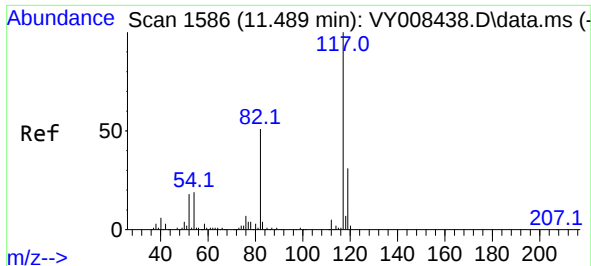
Tgt Ion: 98 Resp: 23573
Ion Ratio Lower Upper
98 100
100 67.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

Tgt Ion: 95 Resp: 7454
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 79.0 0.0 175.8

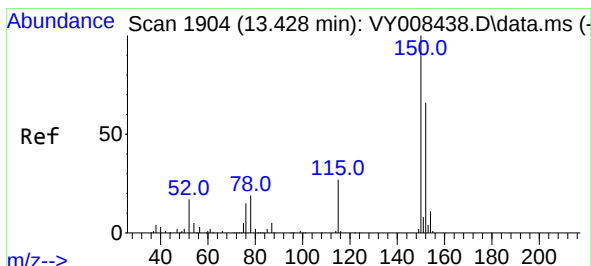
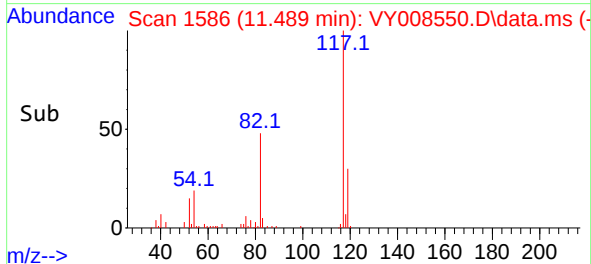
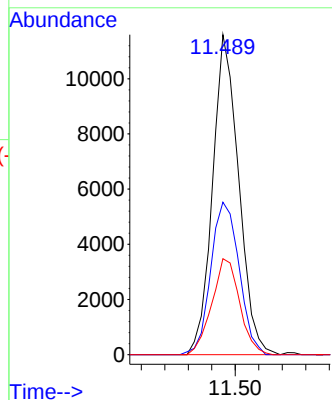
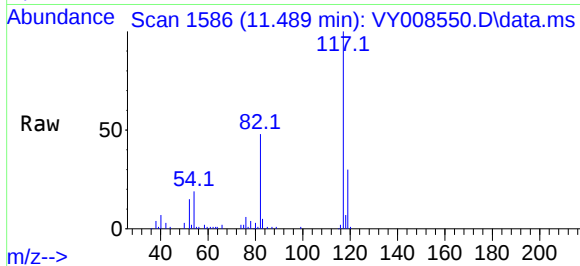




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

Tgt Ion:	117	Resp:	17873
Ion	Ratio	Lower	Upper
117	100		
82	47.7	43.0	64.4
119	30.0	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: VY008550.D
Acq: 28 Apr 2022 16:09

Tgt Ion:	152	Resp:	7311
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	153.4	0.0	347.6

