

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008182.D
 Acq On : 04 Apr 2022 15:52
 Operator : SY/MD
 Sample : N2220-13RE
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A05140RE

Quant Time: Apr 05 04:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	166118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	81352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53630	50.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.940%
35) Dibromofluoromethane	7.722	113	62187	59.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.420%
50) Toluene-d8	10.179	98	177074	45.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.483	95	22002	15.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	31.780%

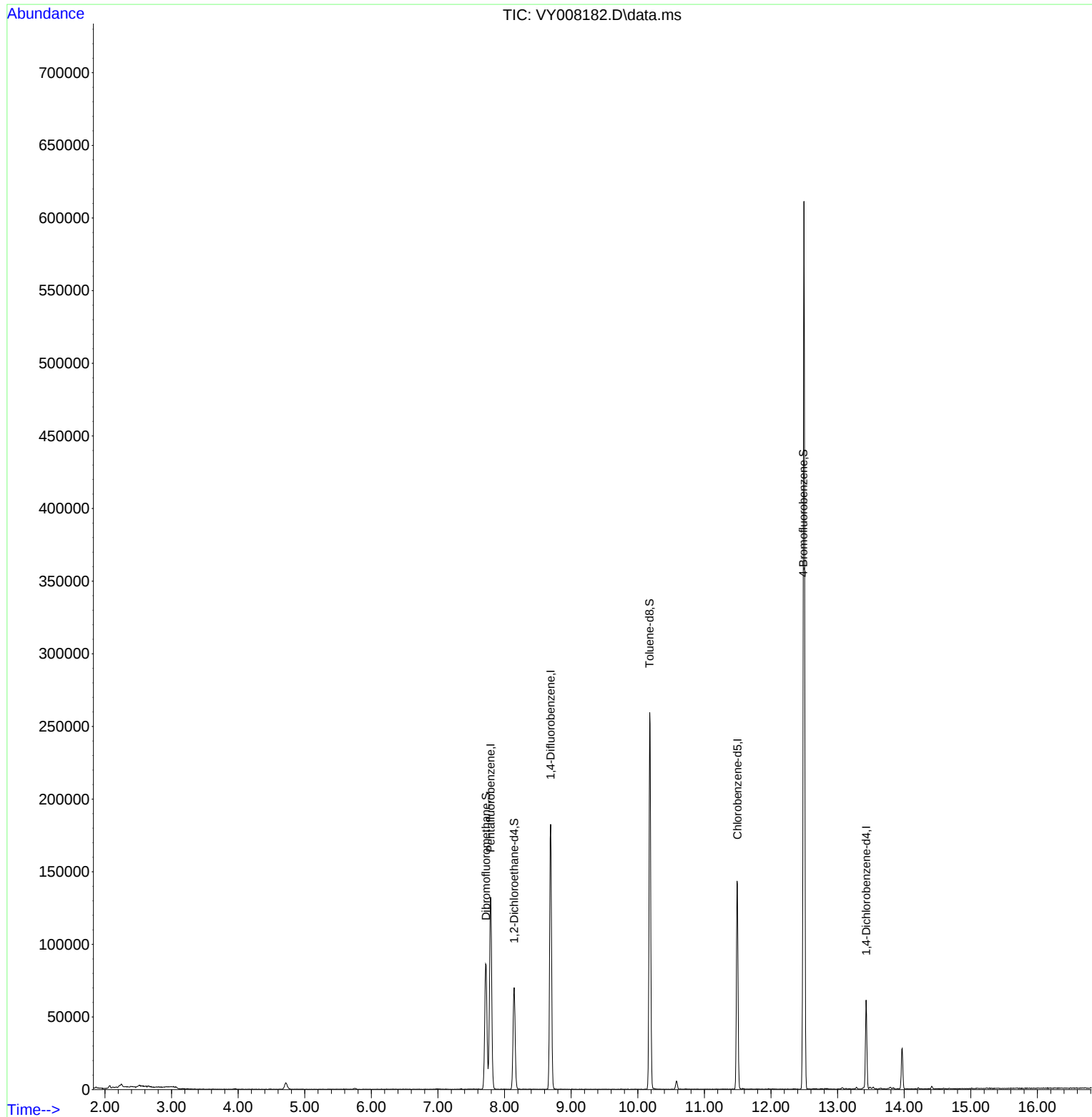
Target Compounds	Qvalue

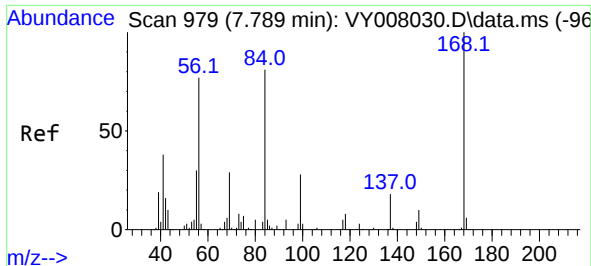
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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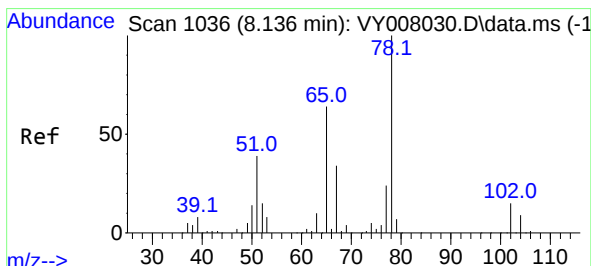
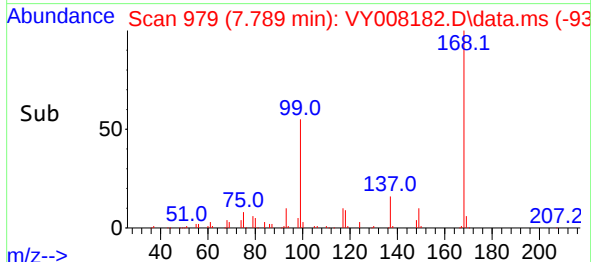
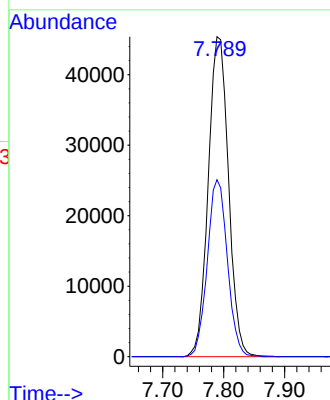
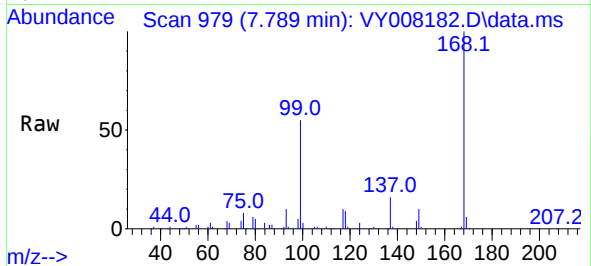




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

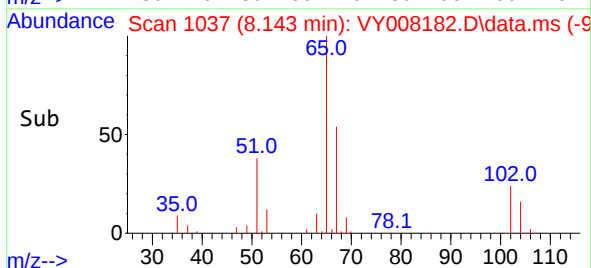
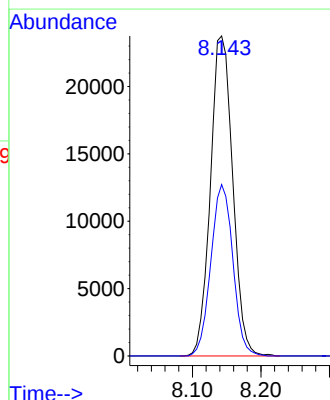
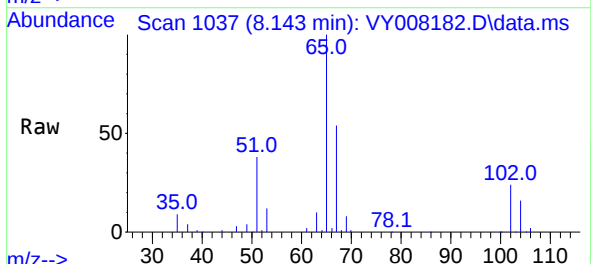
Instrument :
MSVOA_Y
ClientSampleId :
A05140RE

Tgt Ion:168 Resp: 104883
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.965 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 65 Resp: 53630
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008182.D

Acq: 04 Apr 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

A05140RE

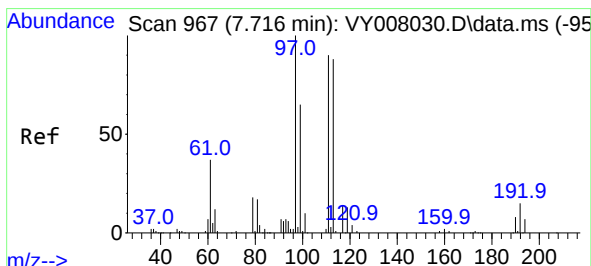
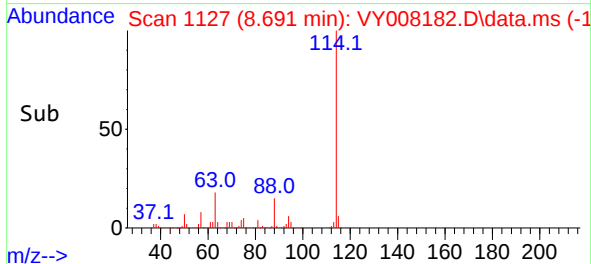
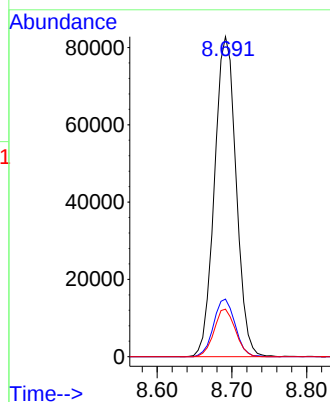
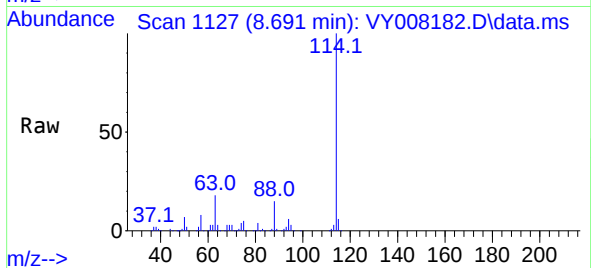
Tgt Ion:114 Resp: 166118

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.708 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008182.D

Acq: 04 Apr 2022 15:52

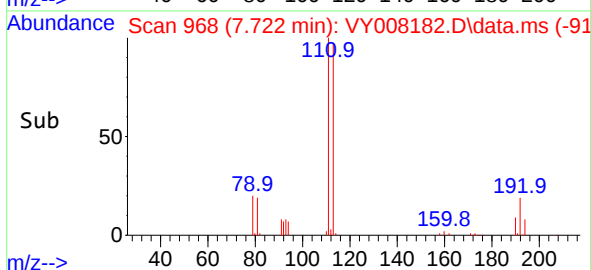
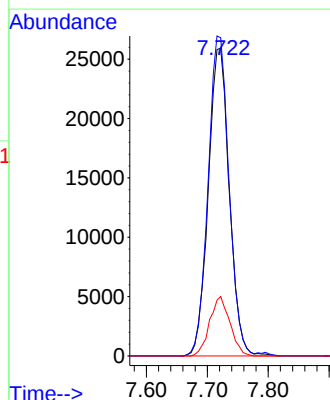
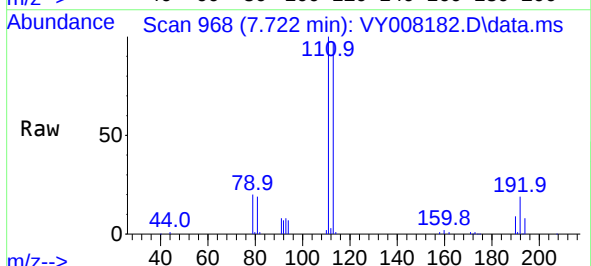
Tgt Ion:113 Resp: 62187

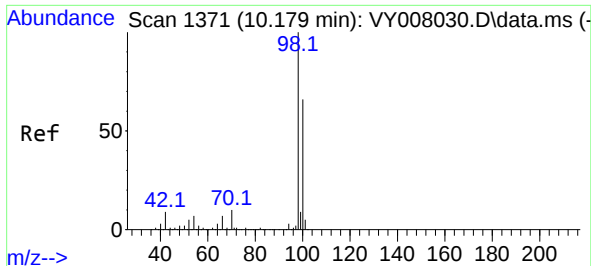
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.6 17.6 26.4

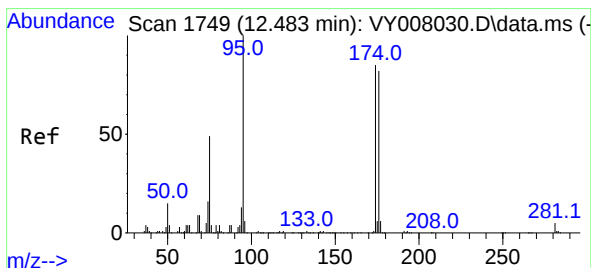
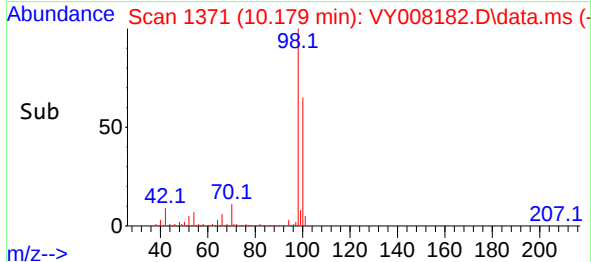
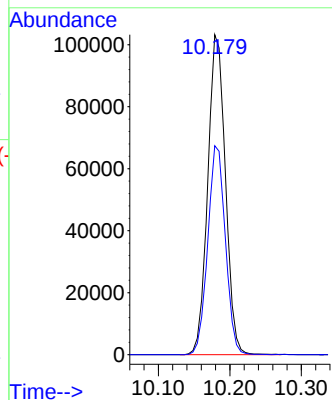
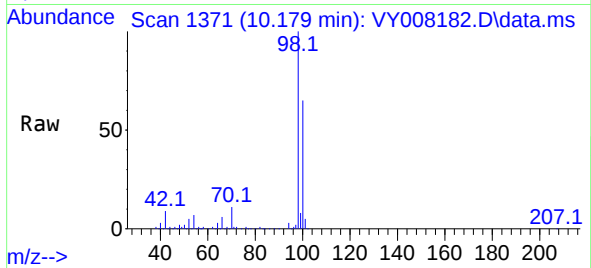




#50
Toluene-d8
Concen: 45.127 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

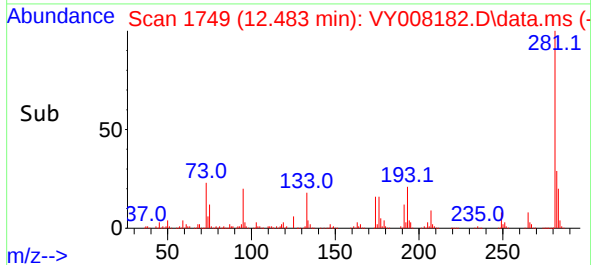
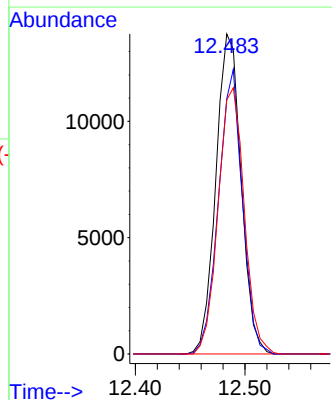
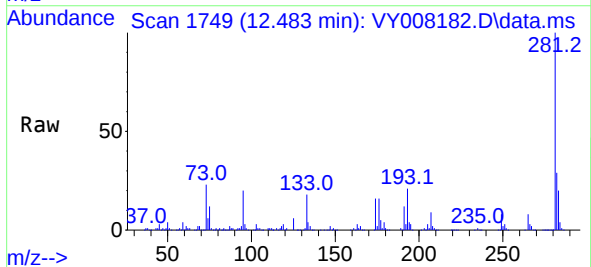
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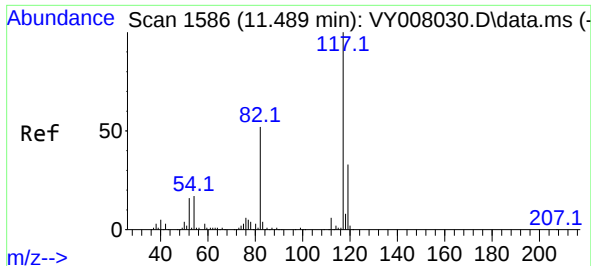
Tgt Ion: 98 Resp: 177074
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 15.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 95 Resp: 22002
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 85.7 0.0 175.8

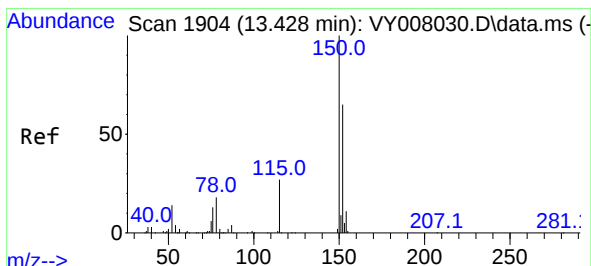
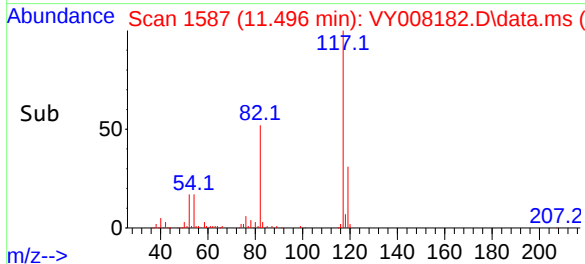
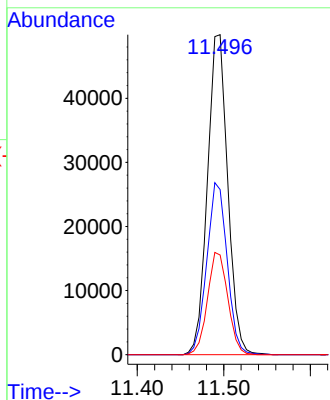
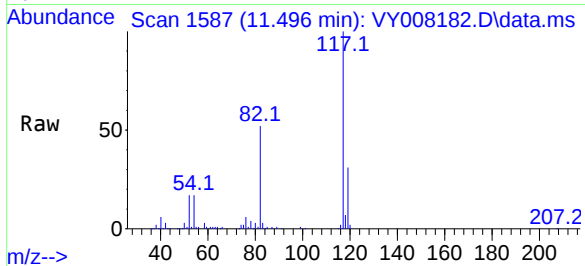




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008182.D
Acq: 04 Apr 2022 15:52

Instrument :
MSVOA_Y
ClientSampleId :
A05140RE

Tgt Ion:	117	Resp:	81352
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.4
119	31.1	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: VY008182.D
Acq: 04 Apr 2022 15:52

Tgt Ion:	152	Resp:	15228
Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.2	84.7
150	157.9	0.0	347.6

