

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008398.D
 Acq On : 19 Apr 2022 16:07
 Operator : KP/MD
 Sample : N2427-07
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Apr 20 06:29:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	92628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53742	61.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.540%
35) Dibromofluoromethane	7.722	113	54598	55.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.720%
50) Toluene-d8	10.179	98	207081	61.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.740%
62) 4-Bromofluorobenzene	12.483	95	71119	56.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.060%

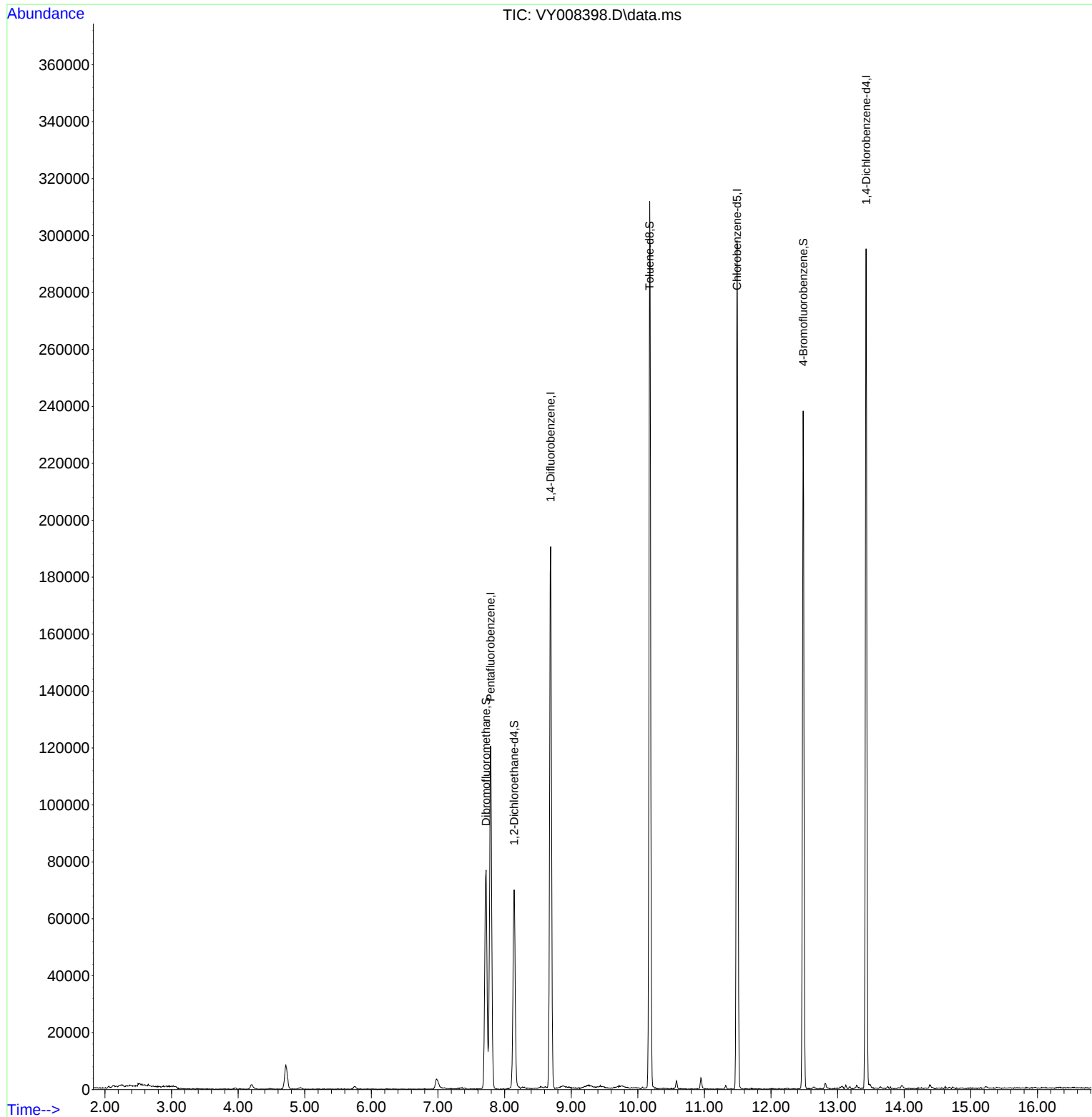
Target Compounds	Qvalue

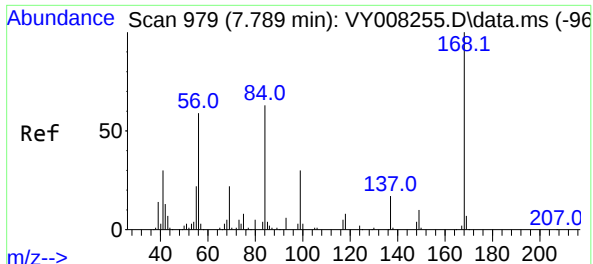
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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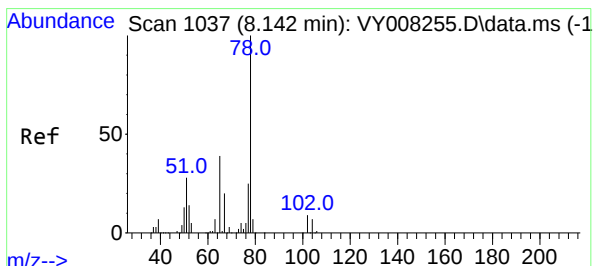
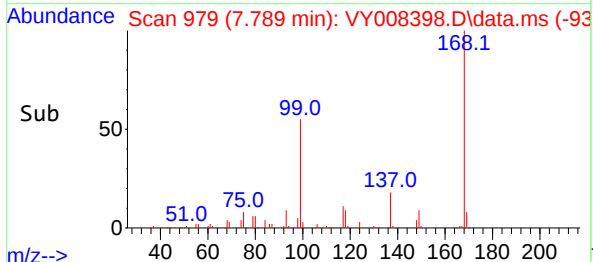
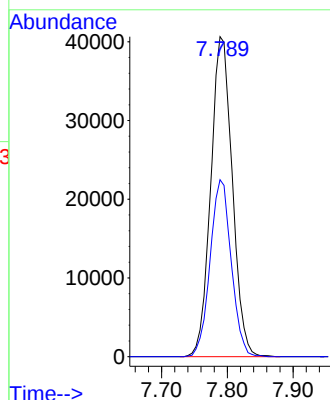
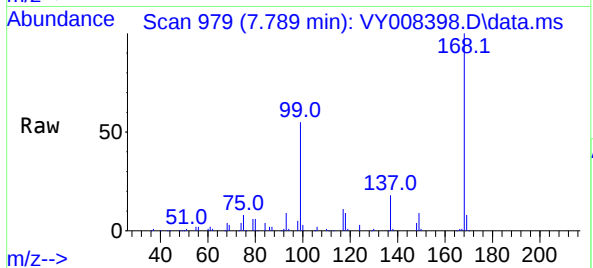




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

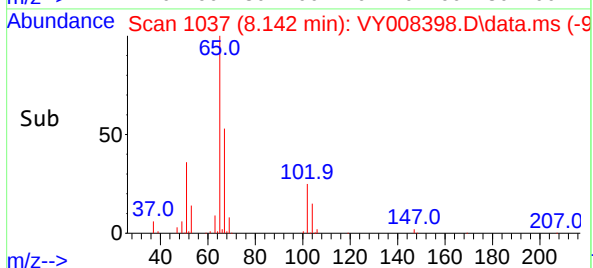
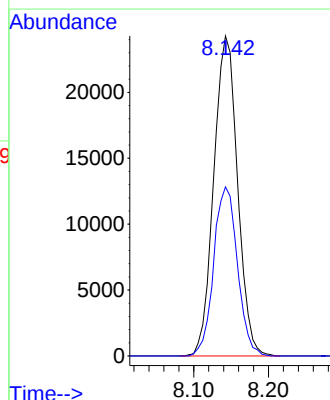
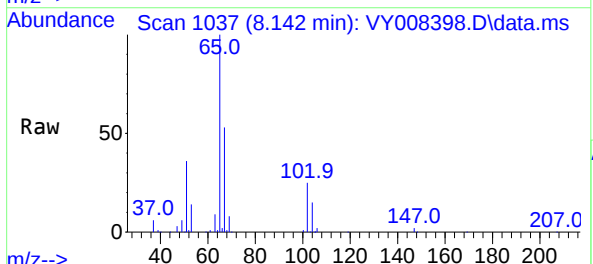
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

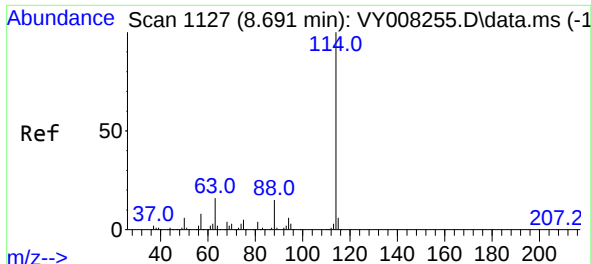
Tgt Ion:168 Resp: 92628
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.767 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion: 65 Resp: 53742
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: VY008398.D

Acq: 19 Apr 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

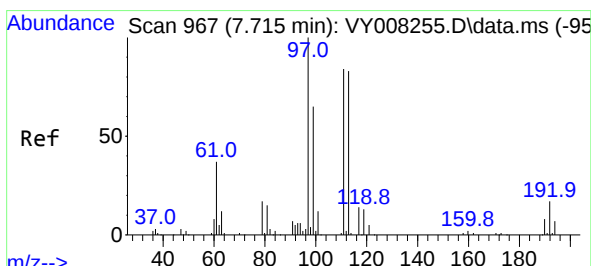
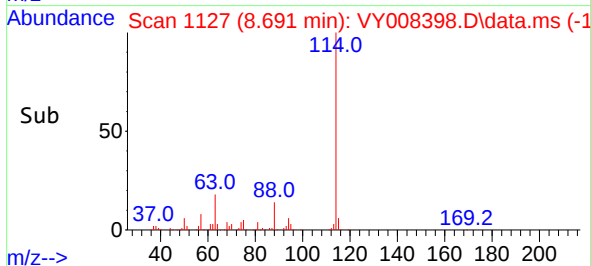
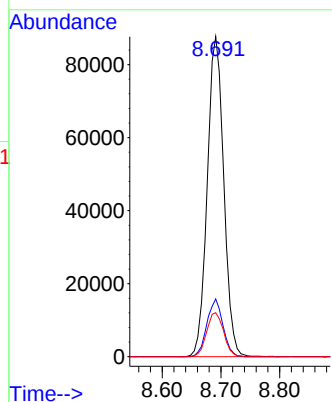
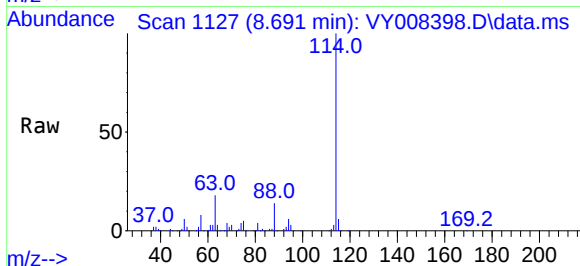
Tgt Ion:114 Resp: 170744

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.363 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008398.D

Acq: 19 Apr 2022 16:07

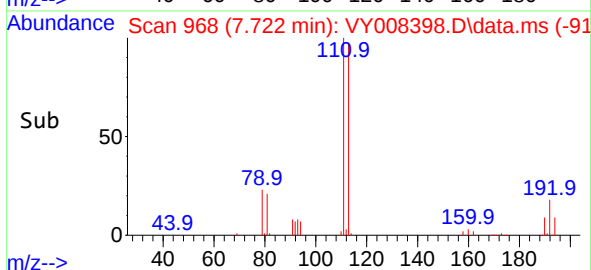
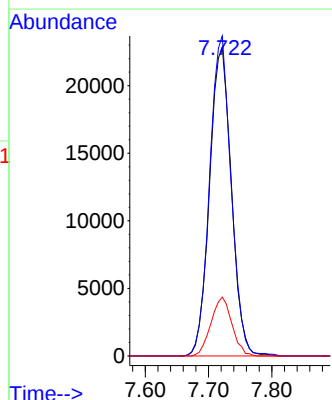
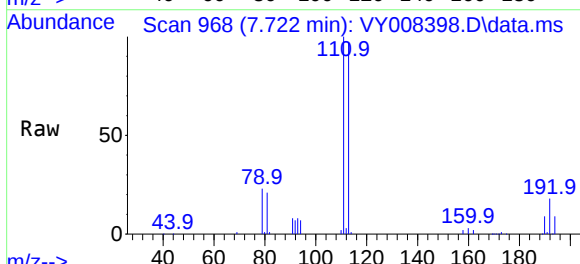
Tgt Ion:113 Resp: 54598

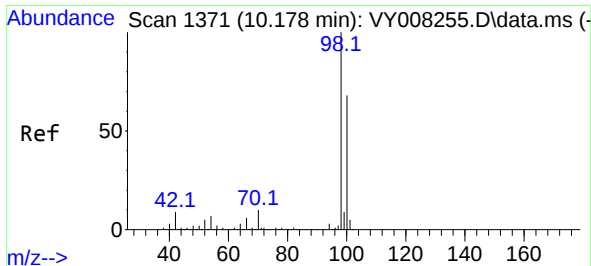
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 18.3 17.6 26.4

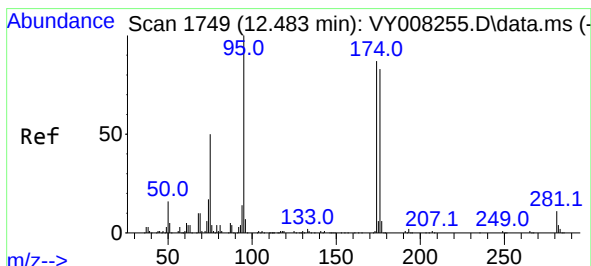
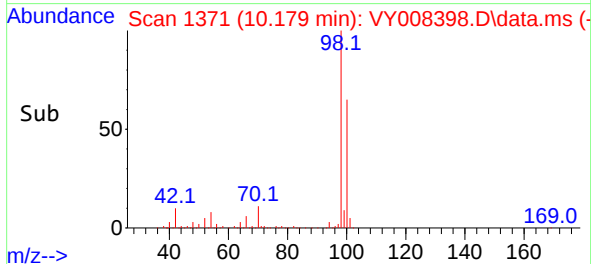
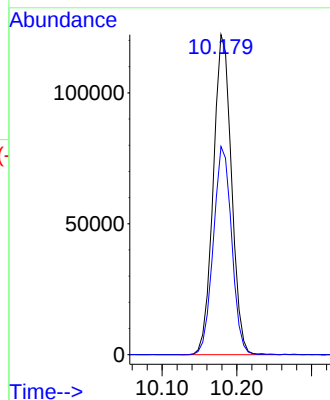
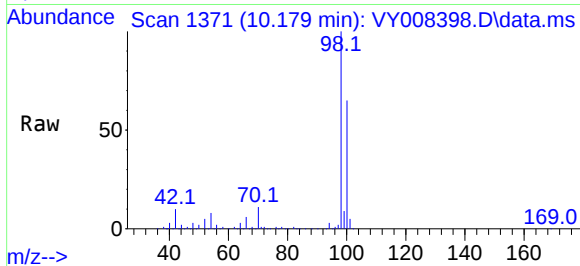




#50
Toluene-d8
Concen: 61.366 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

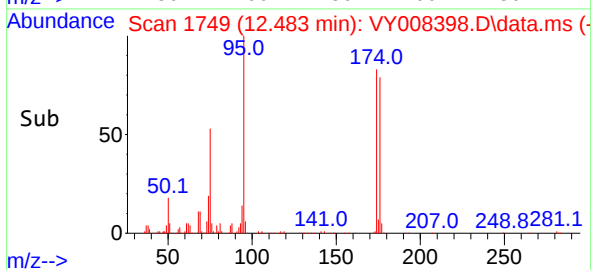
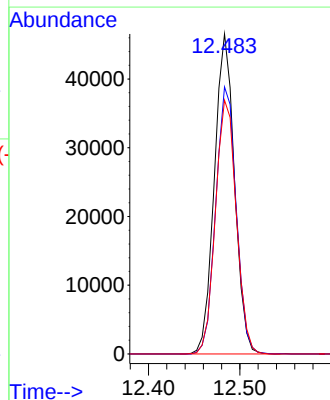
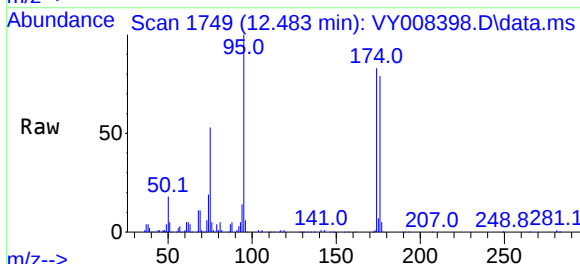
Instrument :
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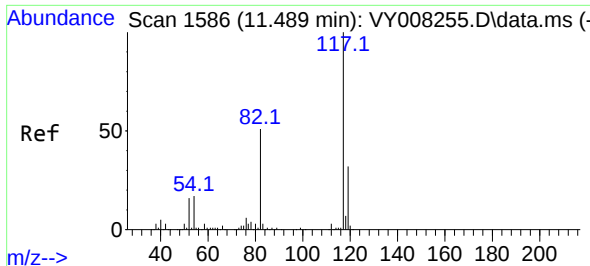
Tgt Ion: 98 Resp: 207081
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.032 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion: 95 Resp: 71119
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.3 0.0 175.8

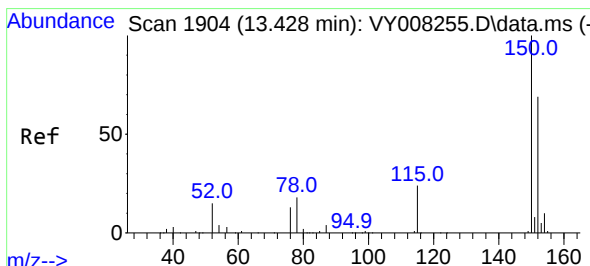
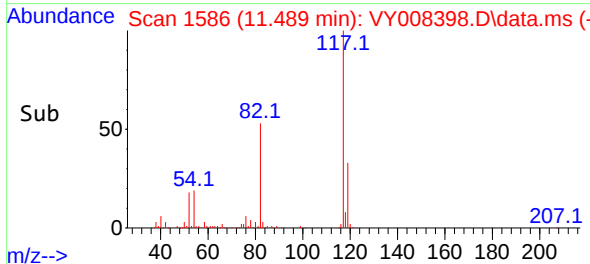
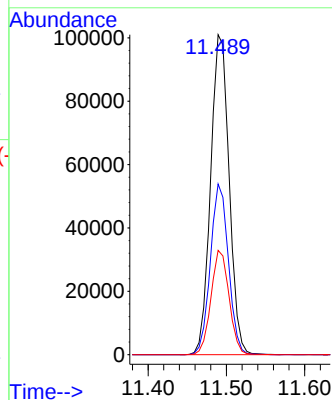
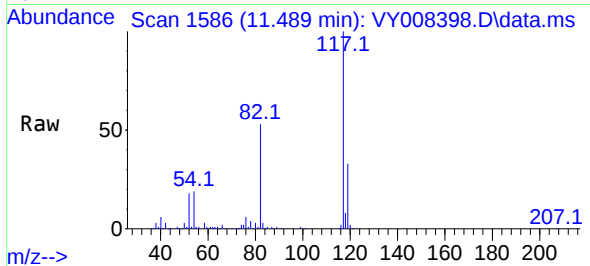




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion:	117	Resp:	165648
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.0	64.4
119	32.6	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: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion:	152	Resp:	75420
Ion Ratio	Lower	Upper	
152	100		
115	57.2	28.2	84.7
150	157.9	0.0	347.6

