

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008662.D
 Acq On : 09 May 2022 15:44
 Operator : KP/MD
 Sample : VY0509SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBL01

Quant Time: May 10 03:22:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	272778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	418954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116137	49.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.380%
35) Dibromofluoromethane	7.716	113	123093	47.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.360%
50) Toluene-d8	10.179	98	475046	52.214	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.483	95	144856	44.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.520%

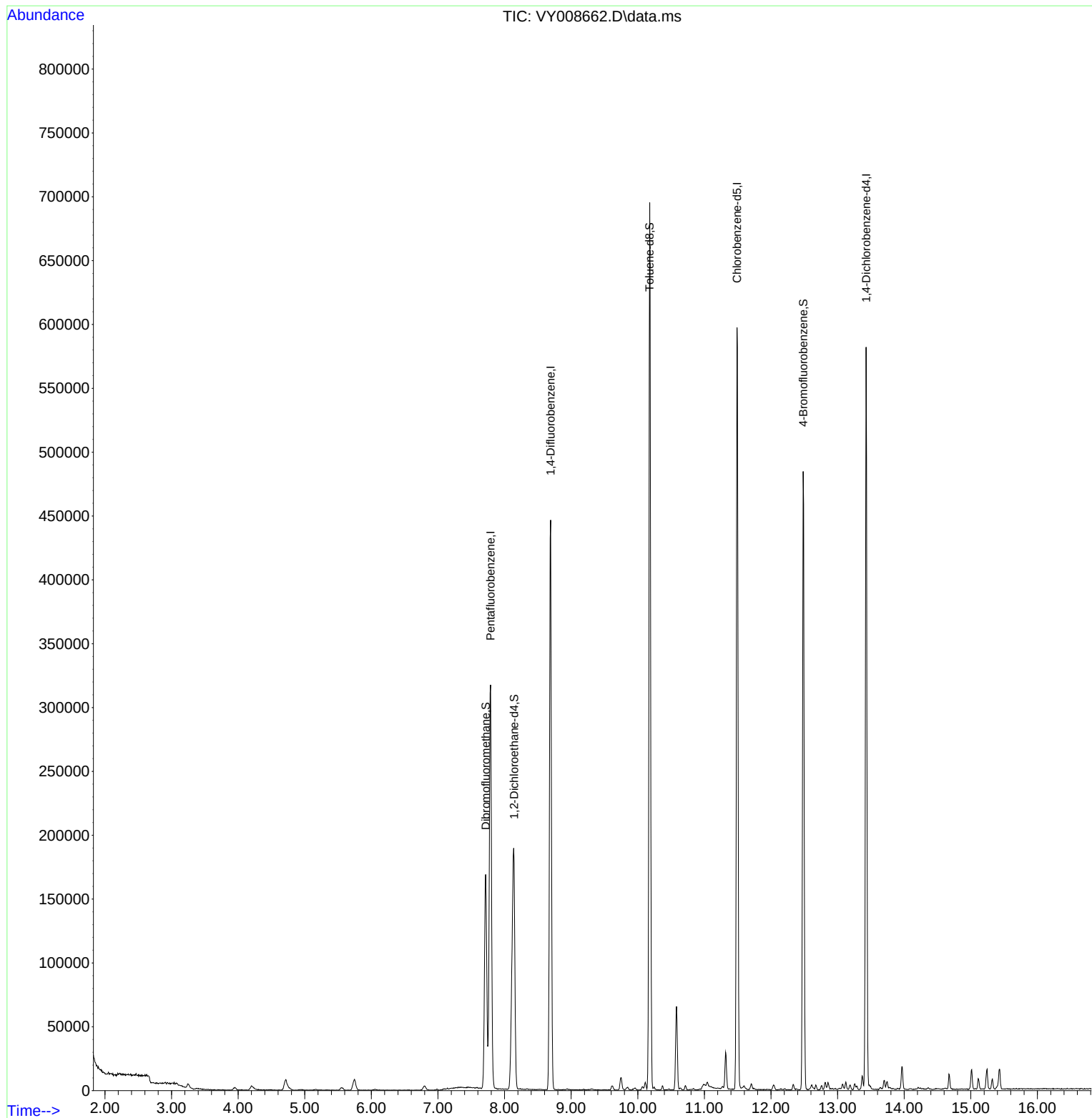
Target Compounds	Qvalue

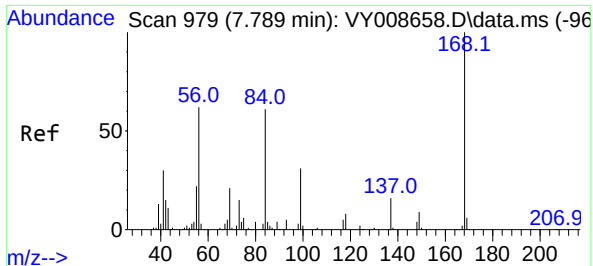
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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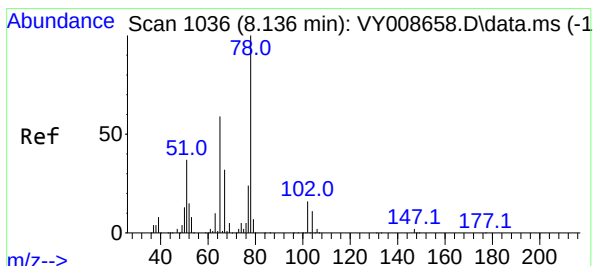
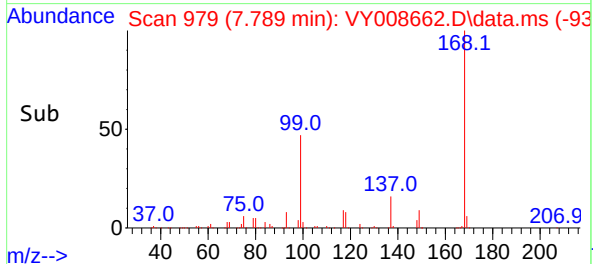
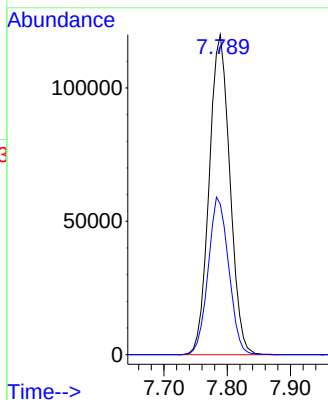
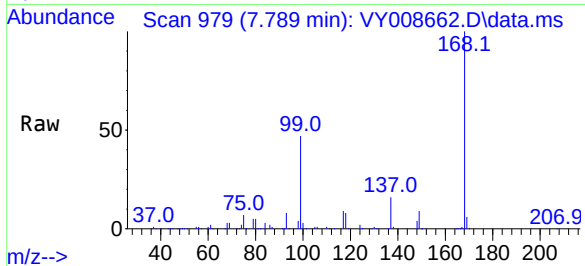




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008662.D
Acq: 09 May 2022 15:44

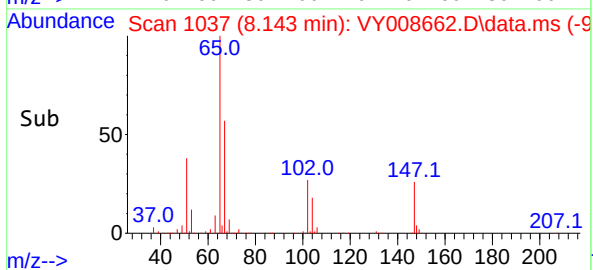
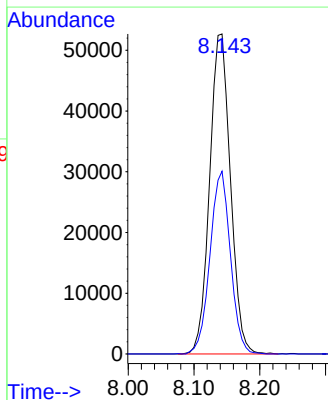
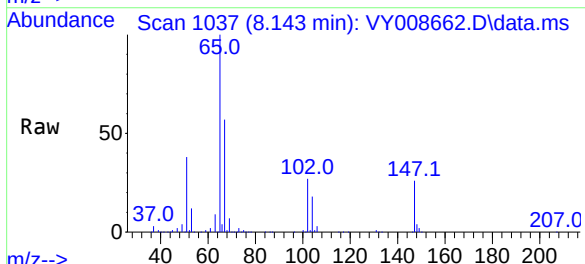
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

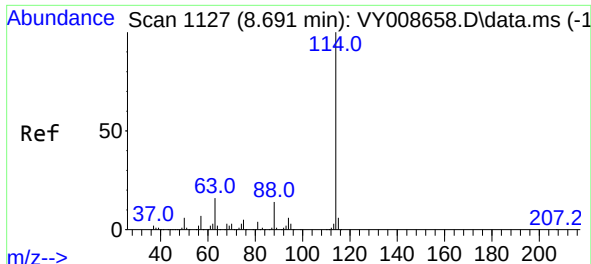
Tgt Ion:168 Resp: 272778
Ion Ratio Lower Upper
168 100
99 47.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.688 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008662.D
Acq: 09 May 2022 15:44

Tgt Ion: 65 Resp: 116137
Ion Ratio Lower Upper
65 100
67 56.1 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: VY008662.D

Acq: 09 May 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBL01

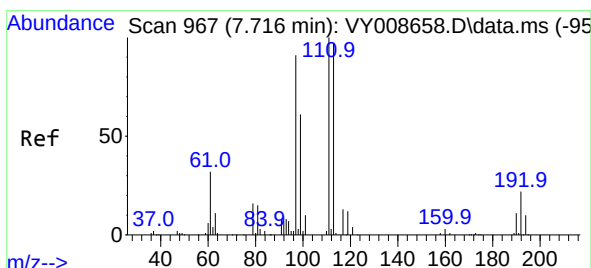
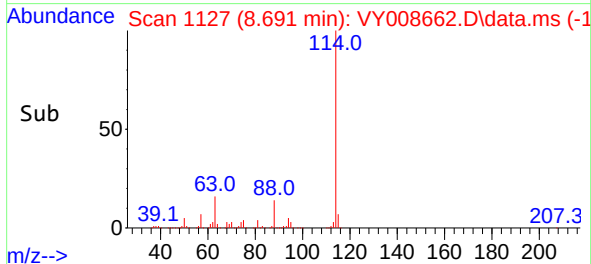
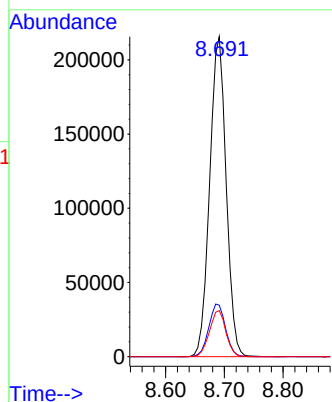
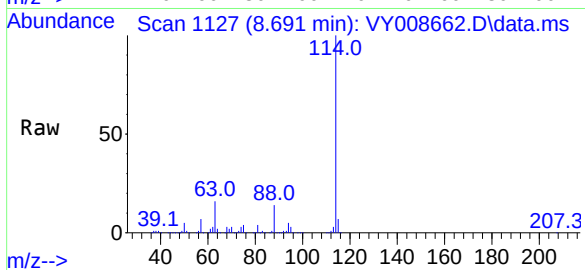
Tgt Ion:114 Resp: 418954

Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.678 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008662.D

Acq: 09 May 2022 15:44

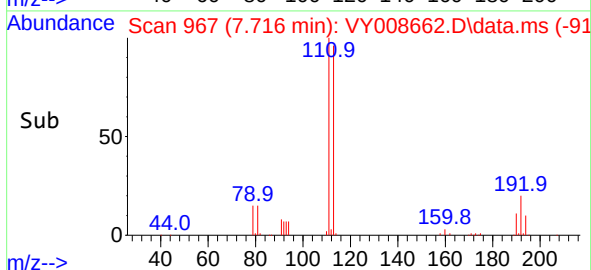
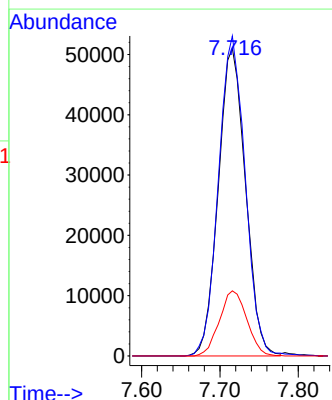
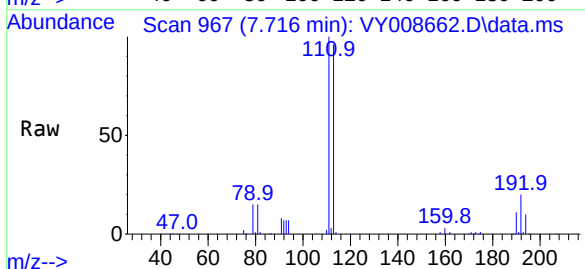
Tgt Ion:113 Resp: 123093

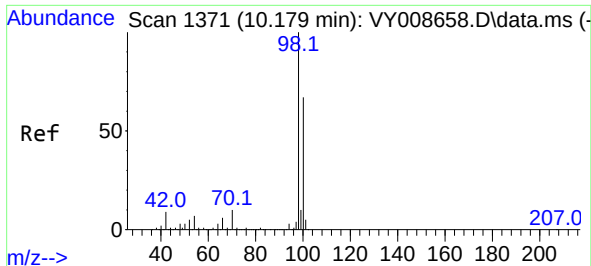
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.4 17.6 26.4

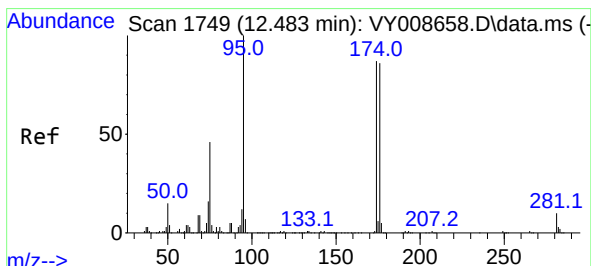
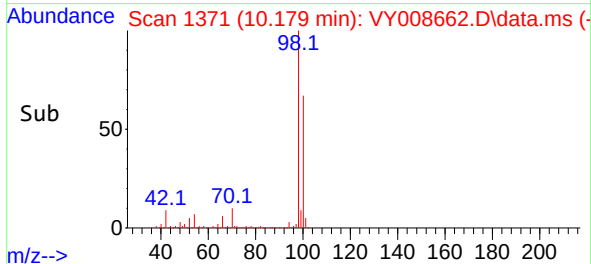
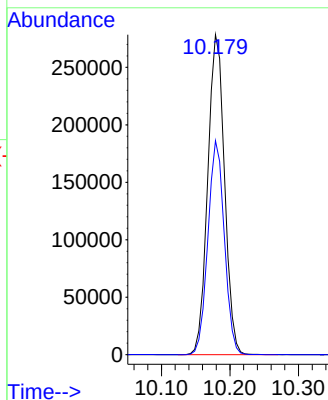
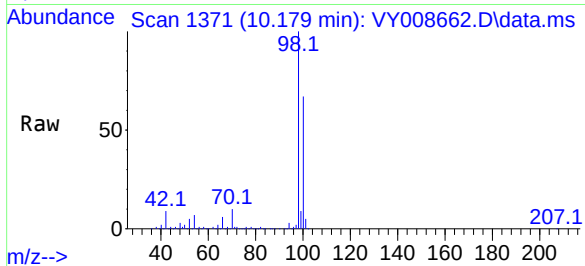




#50
Toluene-d8
Concen: 52.214 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008662.D
Acq: 09 May 2022 15:44

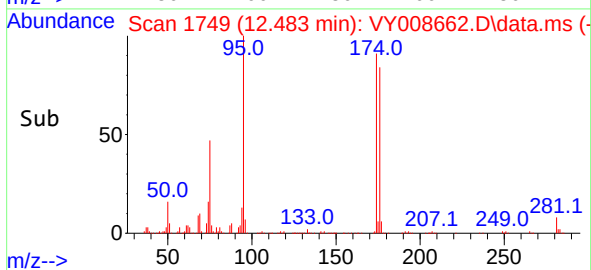
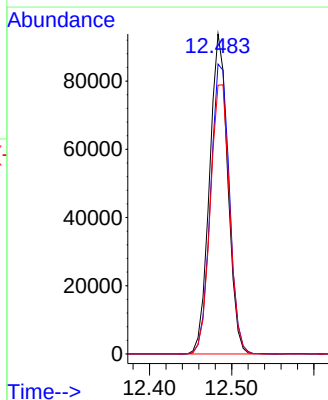
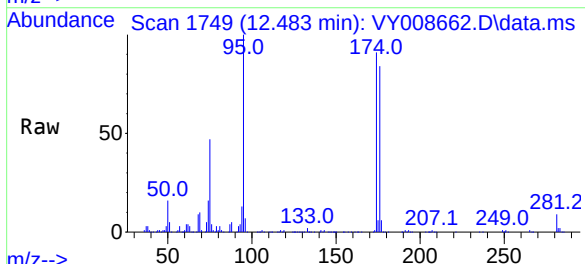
Instrument :
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ClientSampleId :
VY0509SBL01

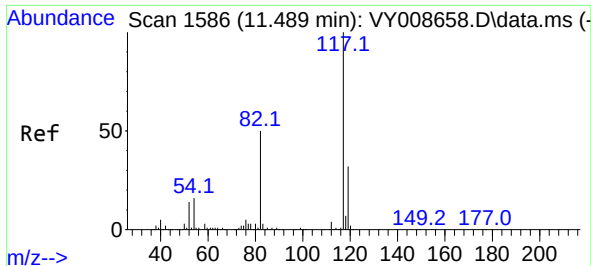
Tgt Ion: 98 Resp: 475046
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008662.D
Acq: 09 May 2022 15:44

Tgt Ion: 95 Resp: 144856
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 88.6 0.0 175.8

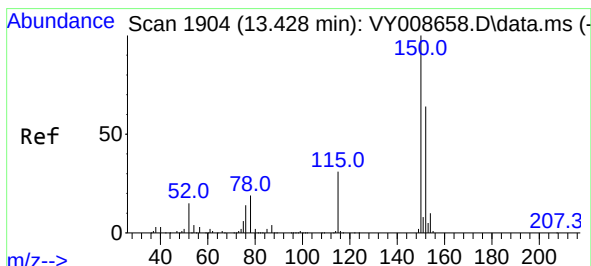
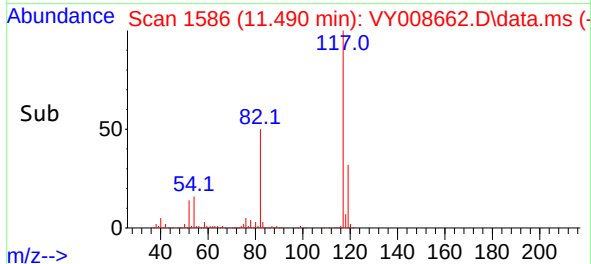
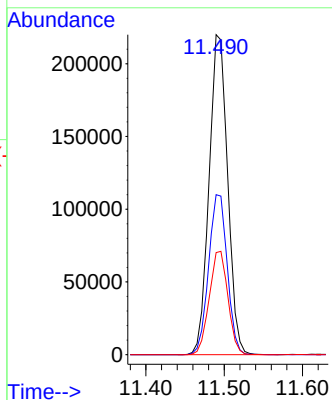
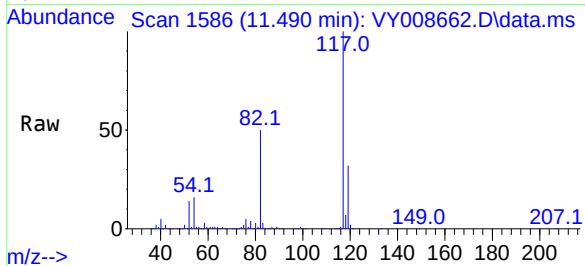




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11586
Delta R.T. 0.001 min
Lab File: VY008662.D
Acq: 09 May 2022 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

Tgt Ion:117 Resp: 362011
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 31.9 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: VY008662.D
Acq: 09 May 2022 15:44

Tgt Ion:152 Resp: 161156
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 154.5 0.0 347.6

