

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010678.D
 Acq On : 26 Sep 2022 17:58
 Operator : KP/MD
 Sample : N4724-15
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-7.5-8.0

Quant Time: Sep 27 06:28:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	217717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	365412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109094	52.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.780%
35) Dibromofluoromethane	7.710	113	109277	46.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.720%
50) Toluene-d8	10.179	98	371468	43.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.060%
62) 4-Bromofluorobenzene	12.483	95	132302	40.868	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.740%

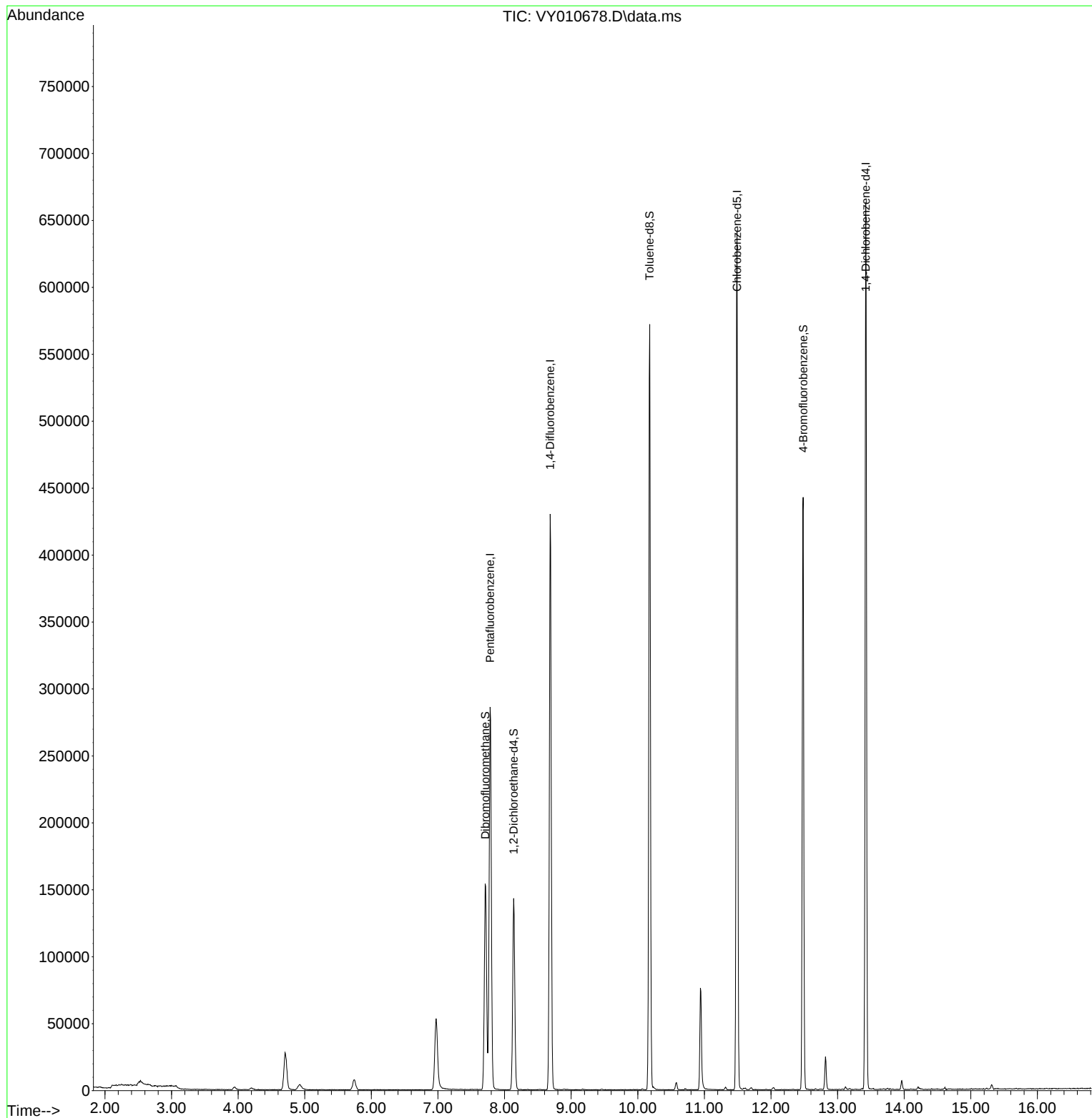
Target Compounds	Qvalue

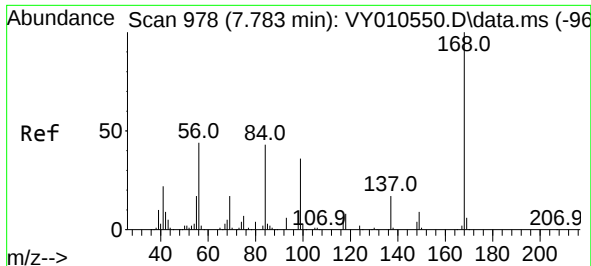
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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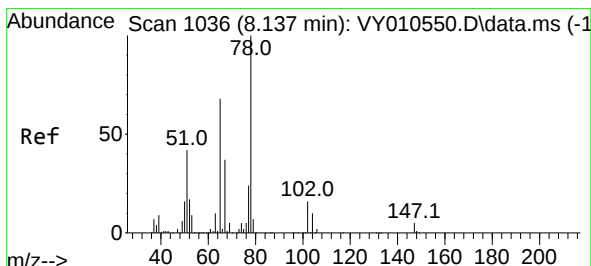
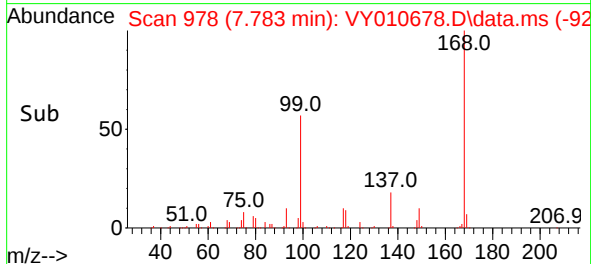
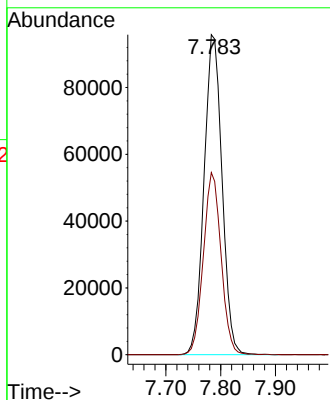
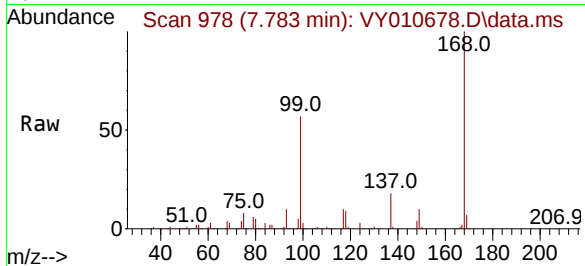




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010678.D
Acq: 26 Sep 2022 17:58

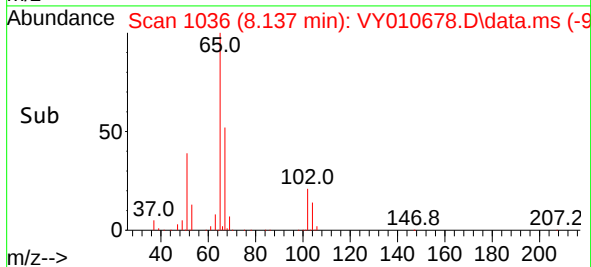
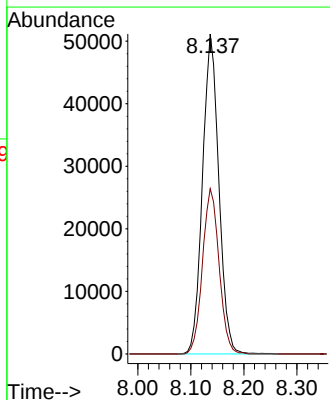
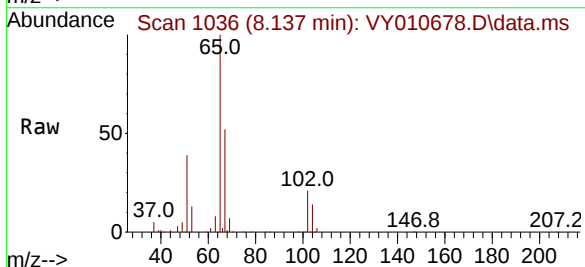
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-7.5-8.0

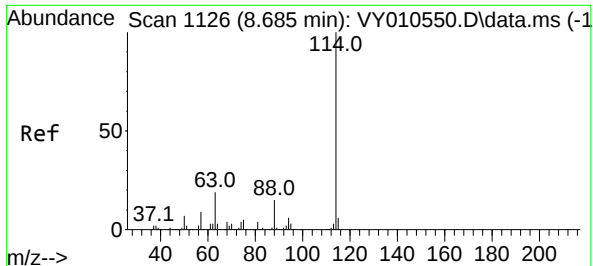
Tgt Ion:168 Resp: 217717
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.388 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010678.D
Acq: 26 Sep 2022 17:58

Tgt Ion: 65 Resp: 109094
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010678.D

Acq: 26 Sep 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-7.5-8.0

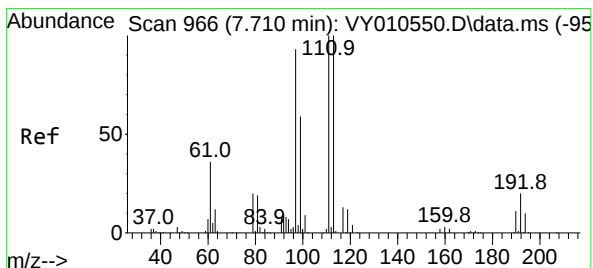
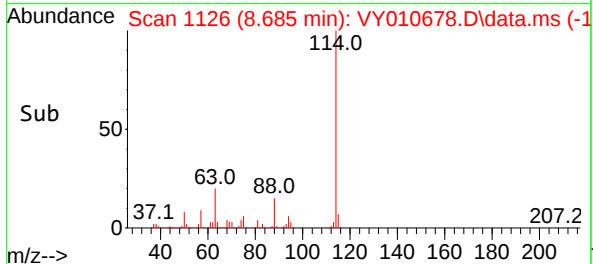
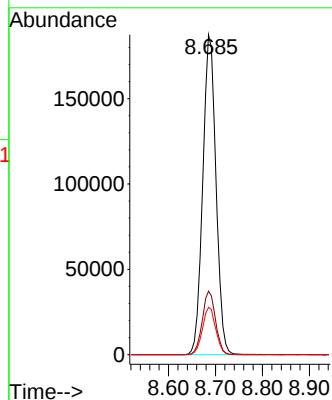
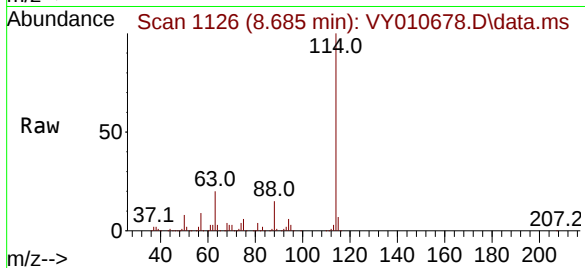
Tgt Ion:114 Resp: 365412

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.859 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010678.D

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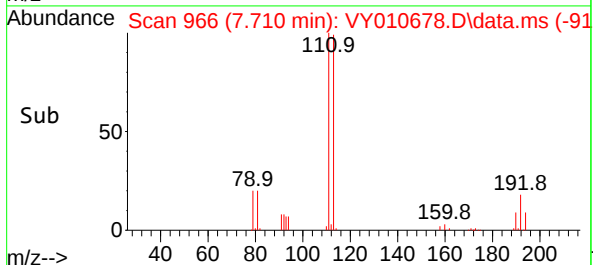
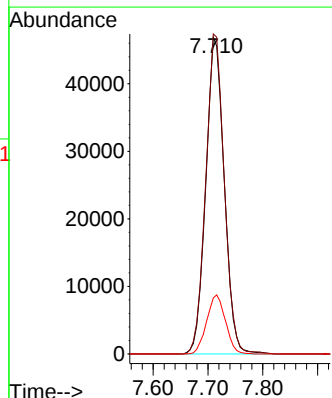
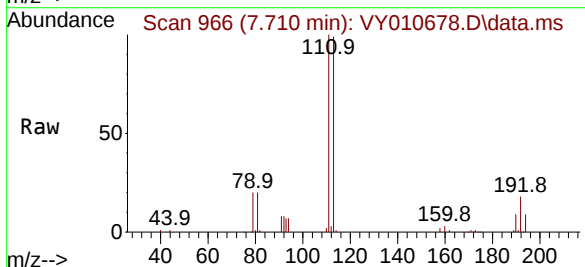
Tgt Ion:113 Resp: 109277

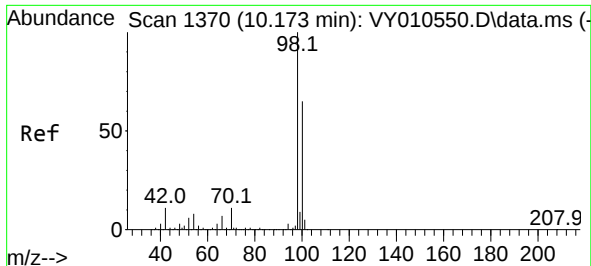
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 19.0 17.6 26.4

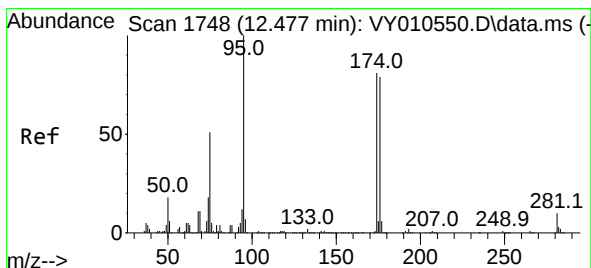
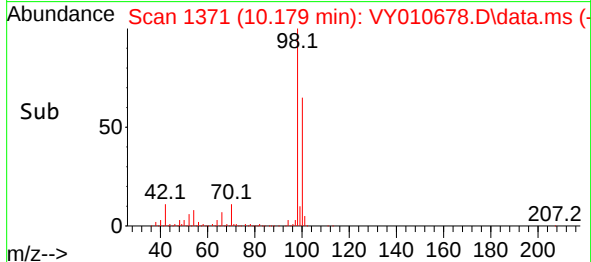
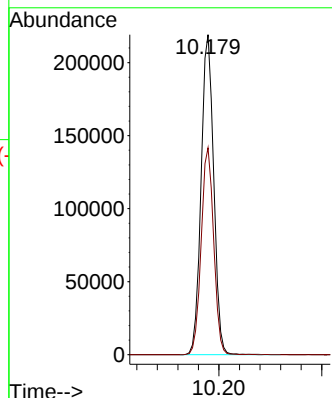
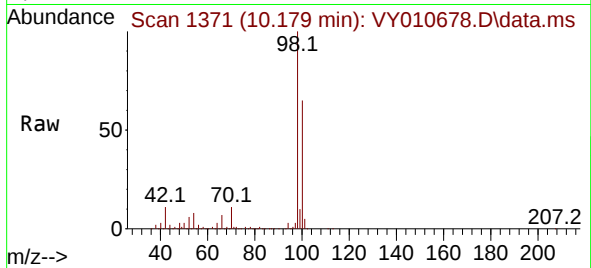




#50
Toluene-d8
Concen: 43.531 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010678.D
Acq: 26 Sep 2022 17:58

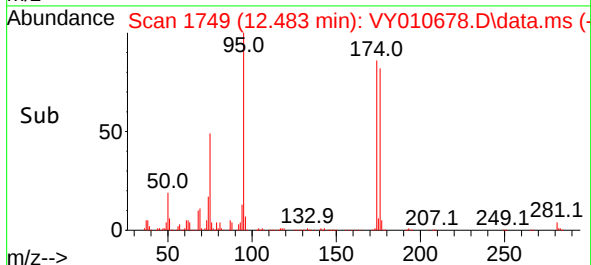
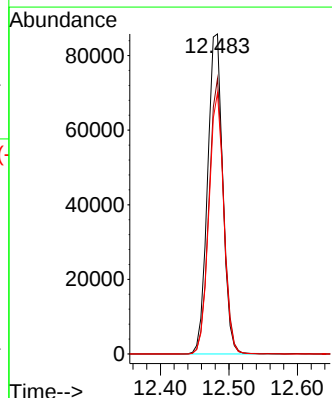
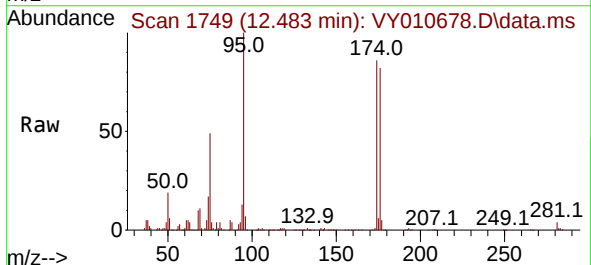
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-7.5-8.0

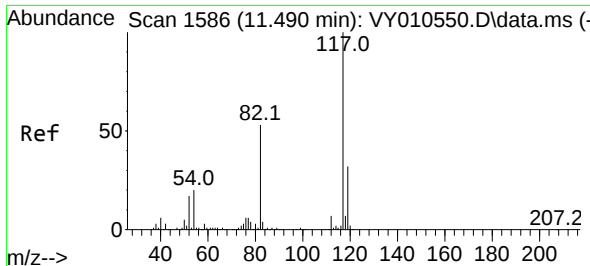
Tgt Ion: 98 Resp: 371468
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010678.D
Acq: 26 Sep 2022 17:58

Tgt Ion: 95 Resp: 132302
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 79.9 0.0 175.8

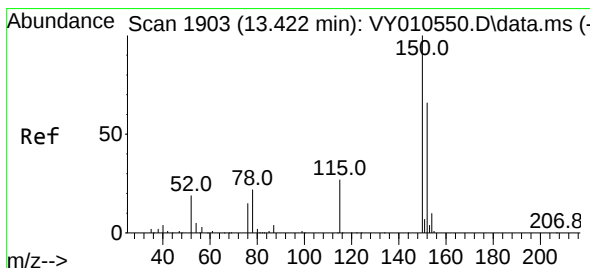
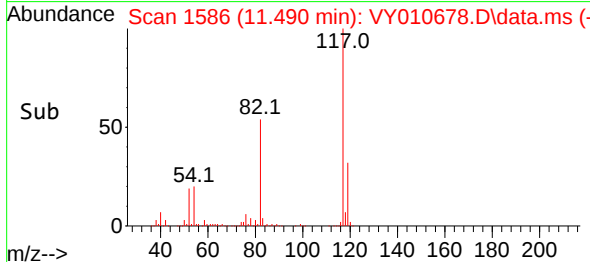
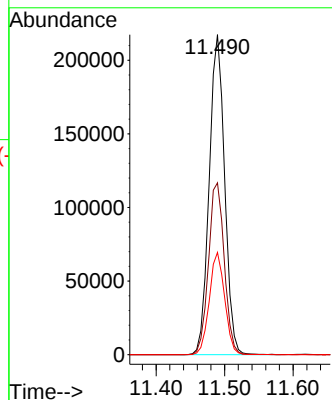
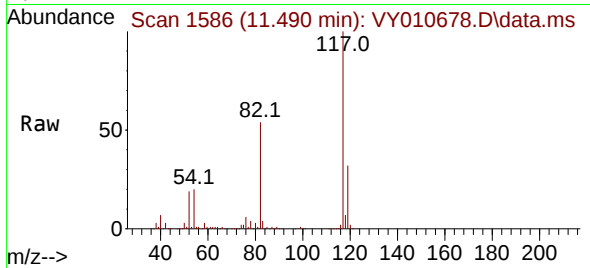




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010678.D
Acq: 26 Sep 2022 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-7.5-8.0

Tgt Ion:117 Resp: 341065
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010678.D
Acq: 26 Sep 2022 17:58

Tgt Ion:152 Resp: 165787
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.0 0.0 347.6

