

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010912.D
 Acq On : 11 Oct 2022 13:11
 Operator : KP/MD
 Sample : N5047-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-100622

Quant Time: Oct 11 14:09:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	6208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4471	71.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.100%
35) Dibromofluoromethane	7.716	113	2081	30.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	60.740%
50) Toluene-d8	10.179	98	12232	52.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.477	95	3796	40.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.580%

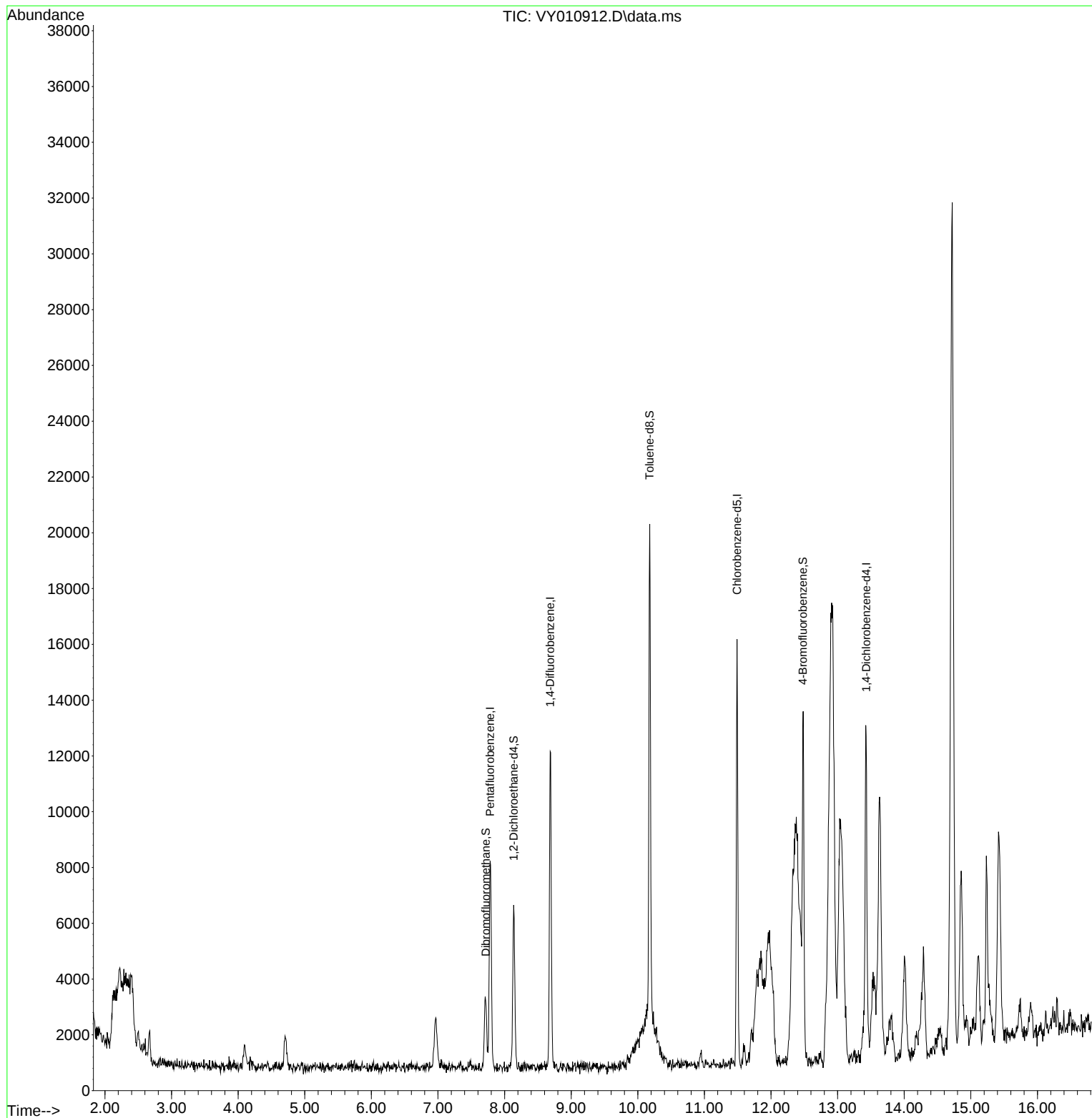
Target Compounds	Qvalue

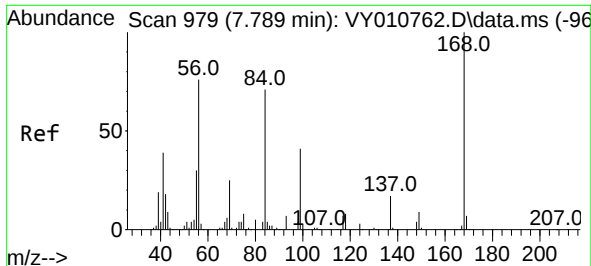
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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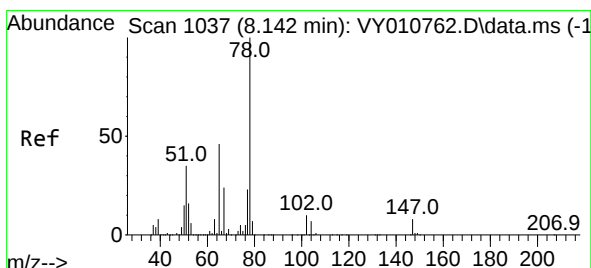
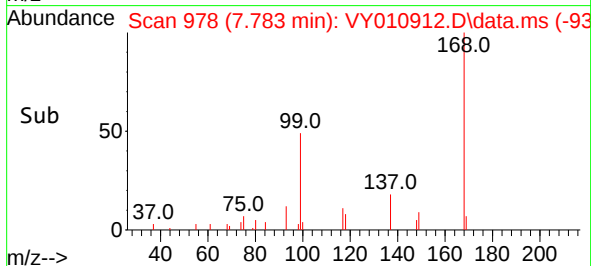
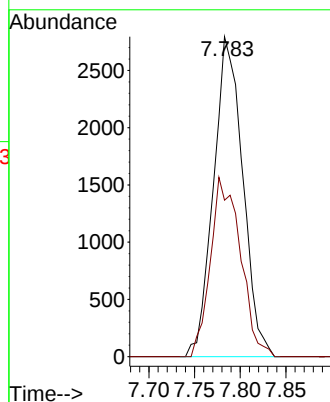
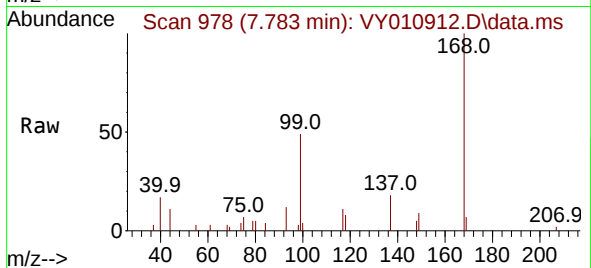




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010912.D
Acq: 11 Oct 2022 13:11

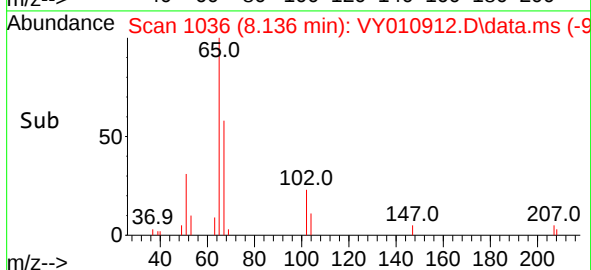
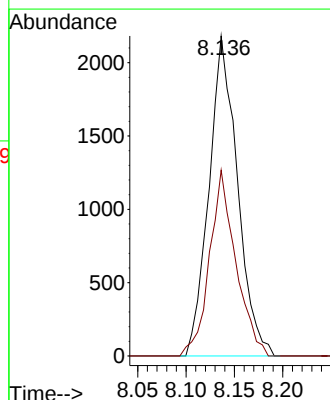
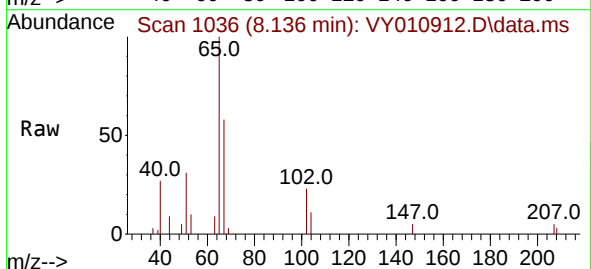
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-100622

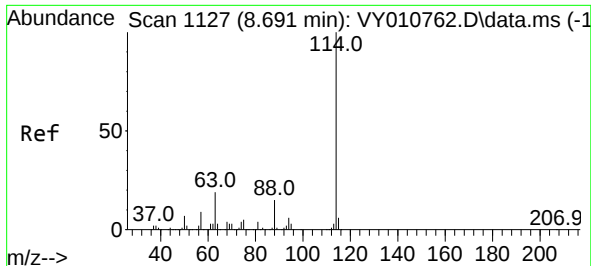
Tgt Ion:168 Resp: 6208
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 71.052 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010912.D
Acq: 11 Oct 2022 13:11

Tgt Ion: 65 Resp: 4471
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010912.D

Acq: 11 Oct 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-100622

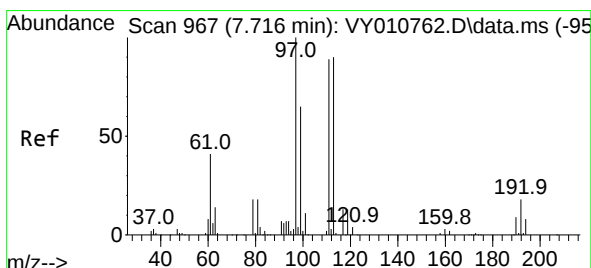
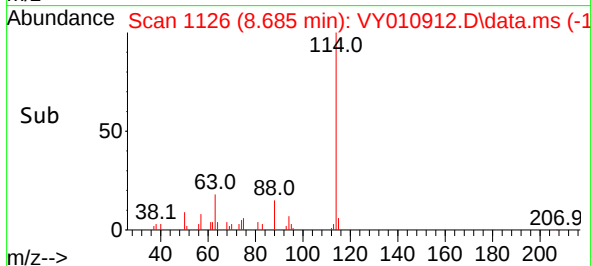
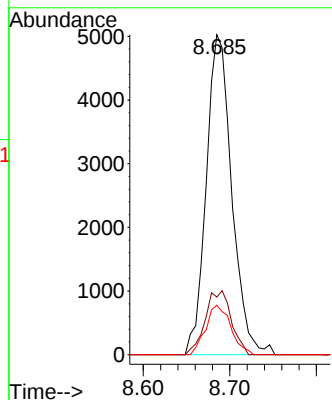
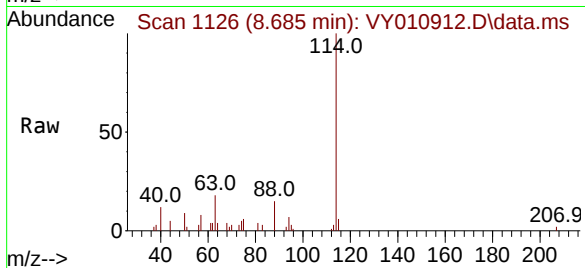
Tgt Ion:114 Resp: 10321

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 30.374 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010912.D

Acq: 11 Oct 2022 13:11

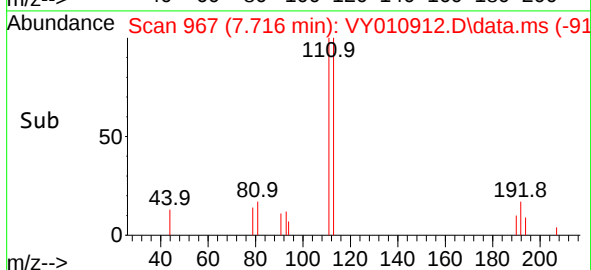
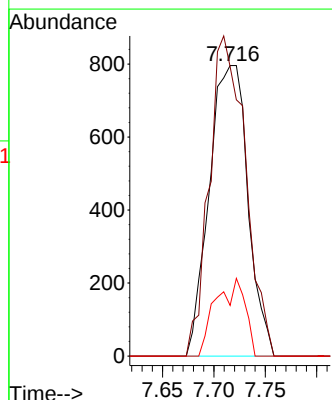
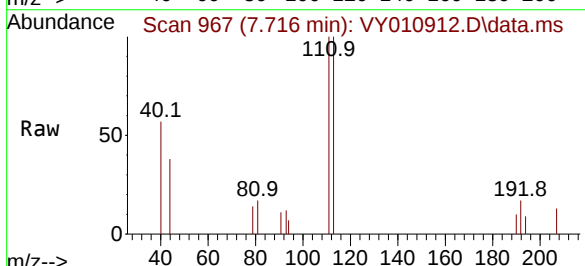
Tgt Ion:113 Resp: 2081

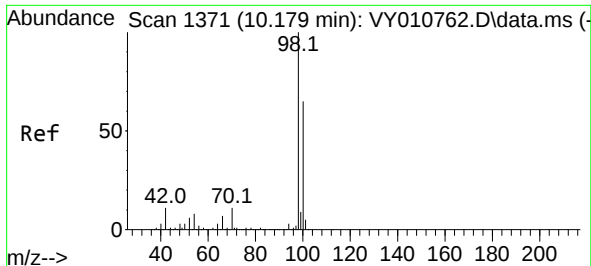
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.4 17.6 26.4

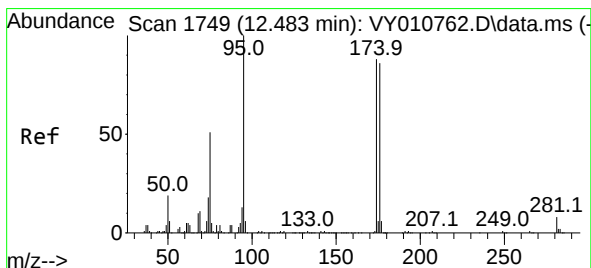
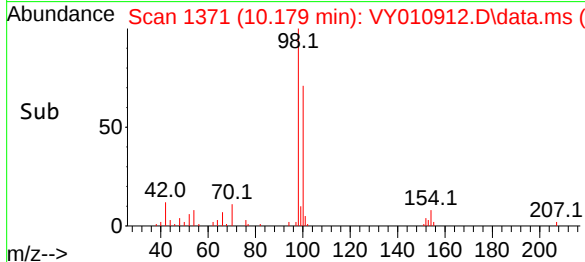
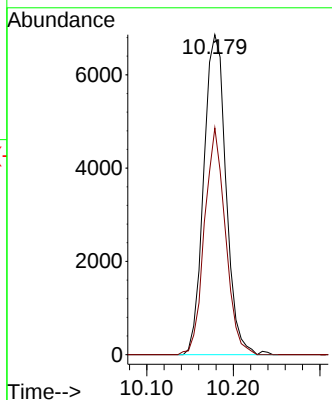
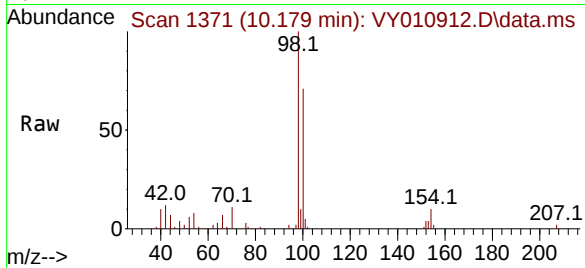




#50
Toluene-d8
Concen: 52.206 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010912.D
Acq: 11 Oct 2022 13:11

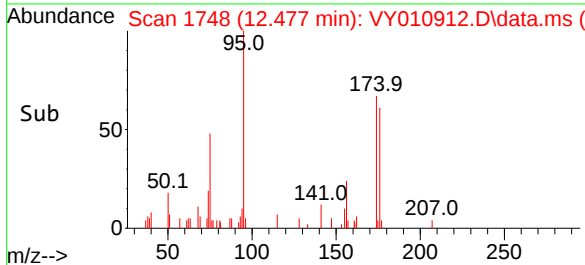
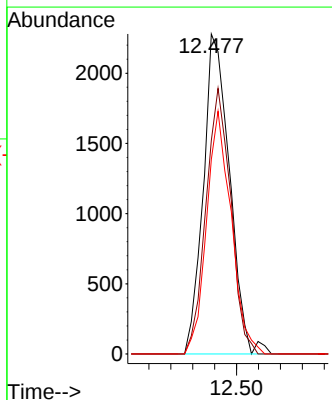
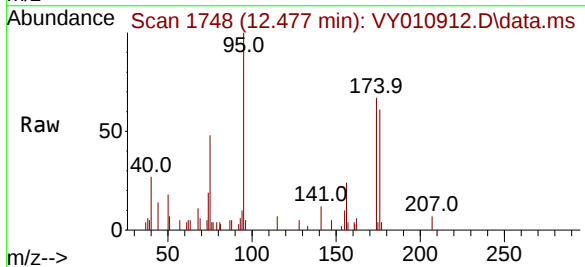
Instrument :
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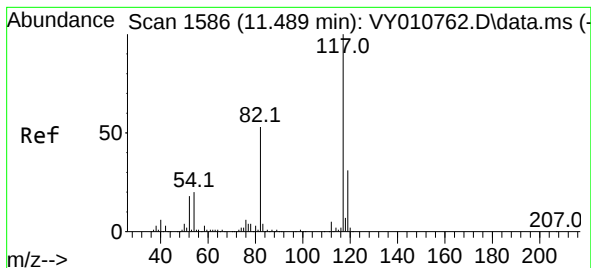
Tgt Ion: 98 Resp: 12232
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.791 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010912.D
Acq: 11 Oct 2022 13:11

Tgt Ion: 95 Resp: 3796
Ion Ratio Lower Upper
95 100
174 78.4 0.0 177.0
176 71.2 0.0 175.8

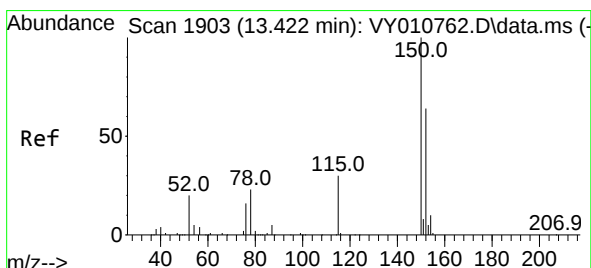
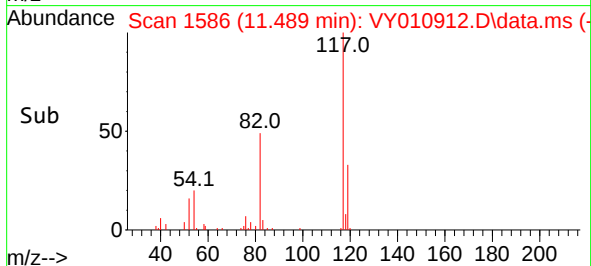
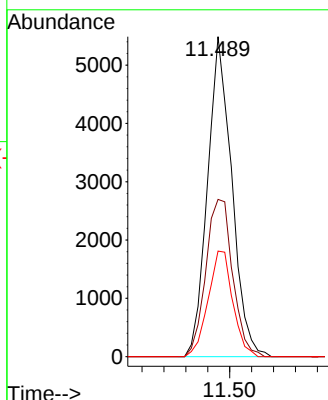
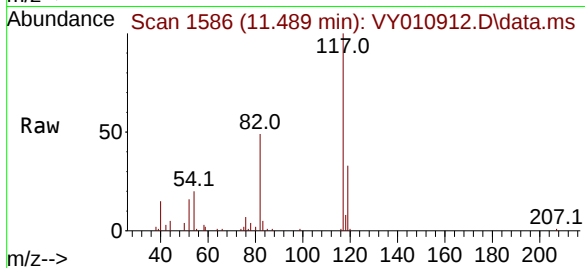




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010912.D
Acq: 11 Oct 2022 13:11

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-100622

Tgt Ion:	117	Resp:	8446
Ion Ratio	Lower	Upper	
117	100		
82	49.1	43.0	64.4
119	33.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010912.D
Acq: 11 Oct 2022 13:11

Tgt Ion:	152	Resp:	2600
Ion Ratio	Lower	Upper	
152	100		
115	65.5	28.2	84.7
150	166.7	0.0	347.6

