

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010954.D
 Acq On : 13 Oct 2022 13:26
 Operator : KP/MD
 Sample : N5108-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-101222

Quant Time: Oct 14 02:10:32 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	7.789	168	263485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	447144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	380848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	168838	63.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.440%
35) Dibromofluoromethane	7.710	113	169975	57.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.540%
50) Toluene-d8	10.179	98	607848	59.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.760%
62) 4-Bromofluorobenzene	12.477	95	197619	49.818	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.640%

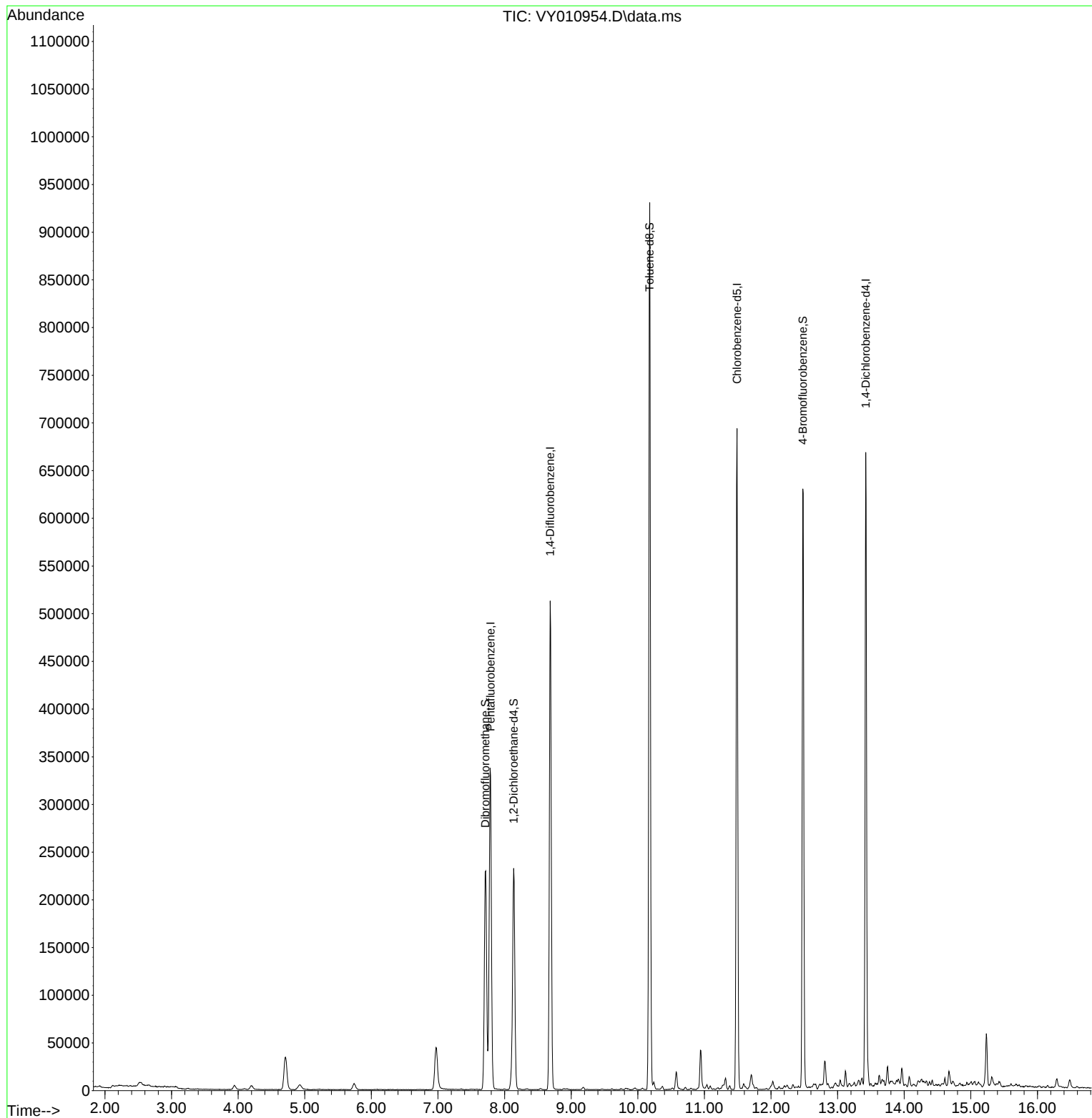
Target Compounds	Qvalue

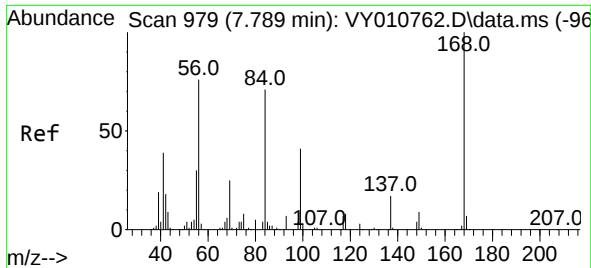
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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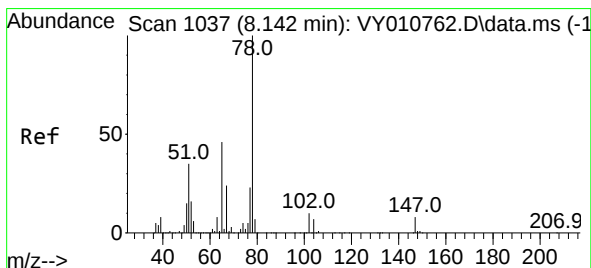
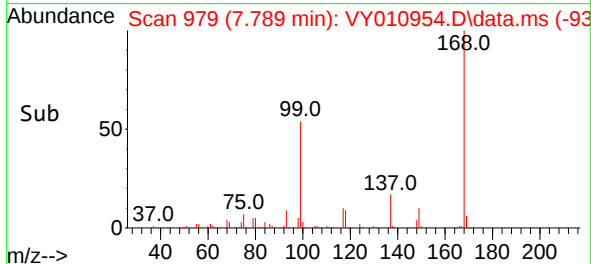
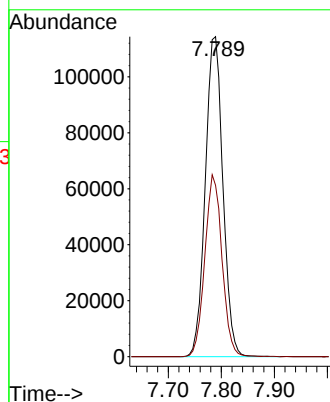
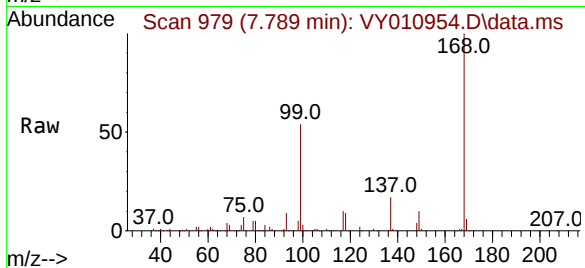




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010954.D
Acq: 13 Oct 2022 13:26

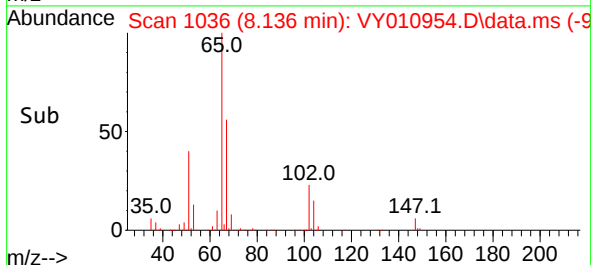
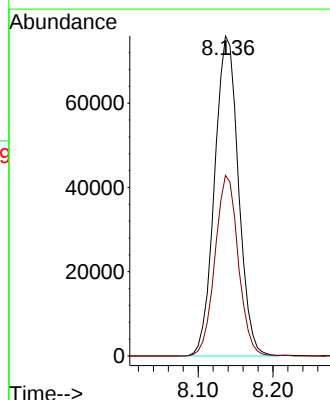
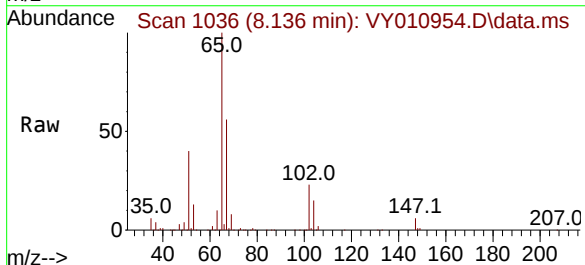
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-101222

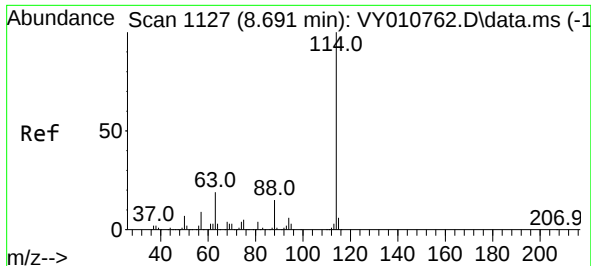
Tgt Ion:168 Resp: 263485
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.217 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010954.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 65 Resp: 168838
Ion Ratio Lower Upper
65 100
67 55.1 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: VY010954.D

Acq: 13 Oct 2022 13:26

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-101222

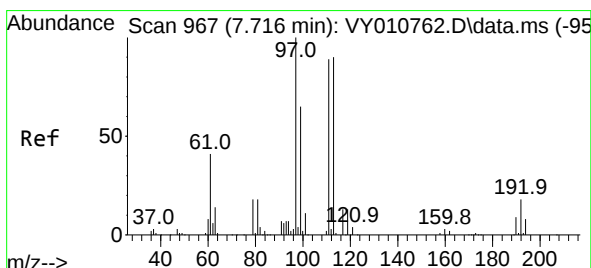
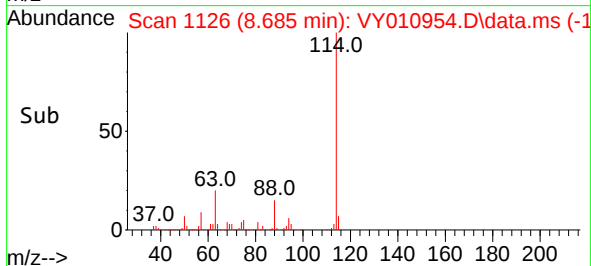
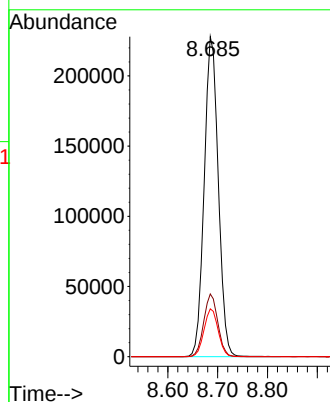
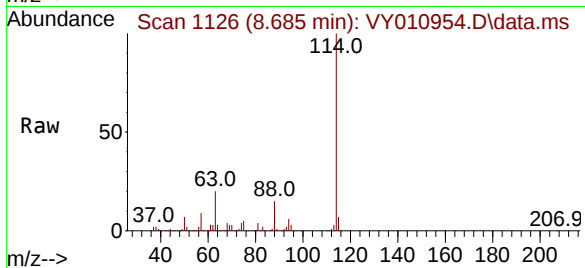
Tgt Ion:114 Resp: 447144

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.266 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010954.D

Acq: 13 Oct 2022 13:26

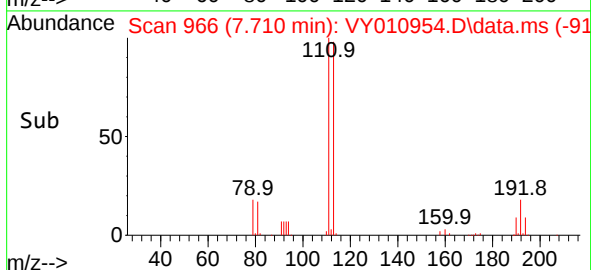
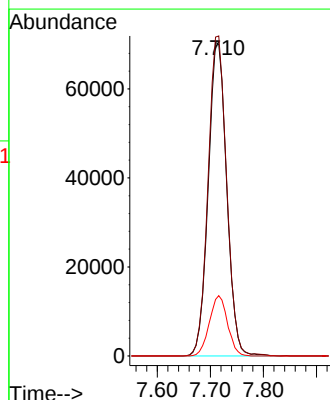
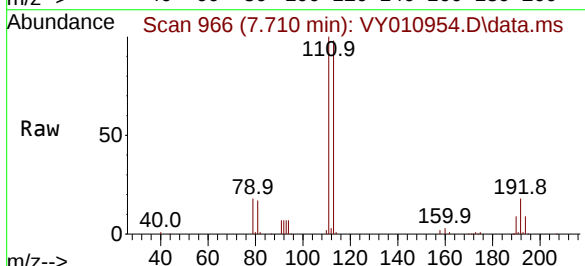
Tgt Ion:113 Resp: 169975

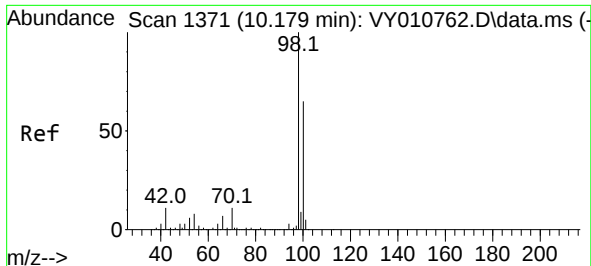
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.0 17.6 26.4

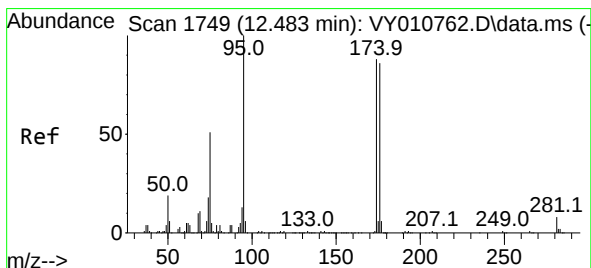
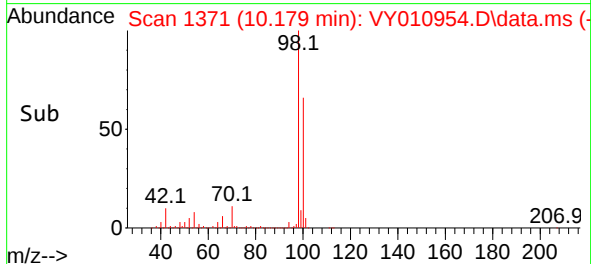
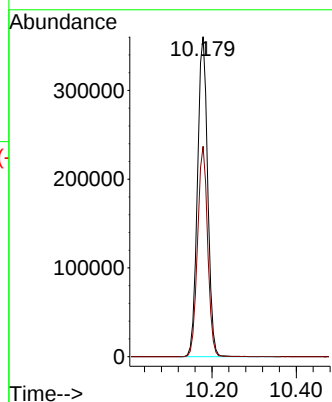
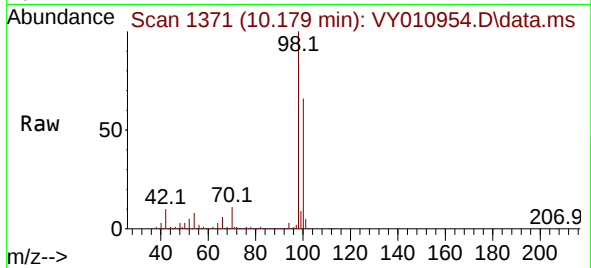




#50
Toluene-d8
Concen: 59.882 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010954.D
Acq: 13 Oct 2022 13:26

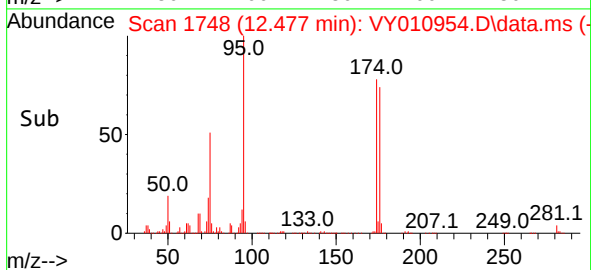
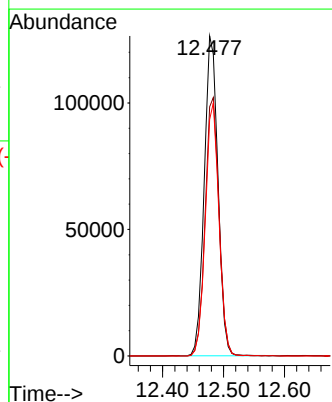
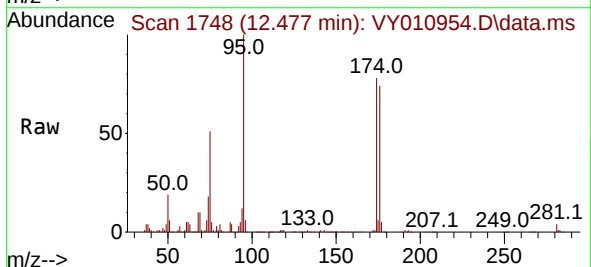
Instrument :
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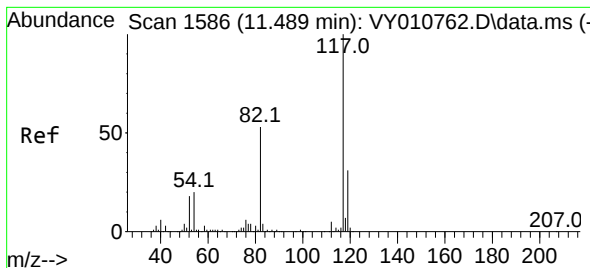
Tgt Ion: 98 Resp: 607848
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010954.D
Acq: 13 Oct 2022 13:26

Tgt Ion: 95 Resp: 197619
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 78.6 0.0 175.8

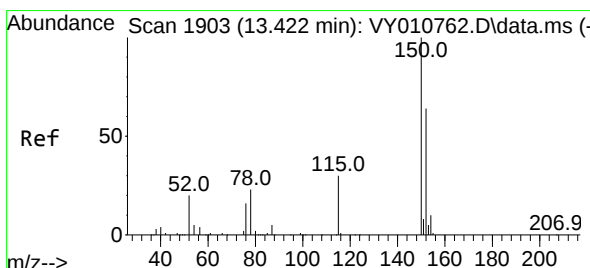
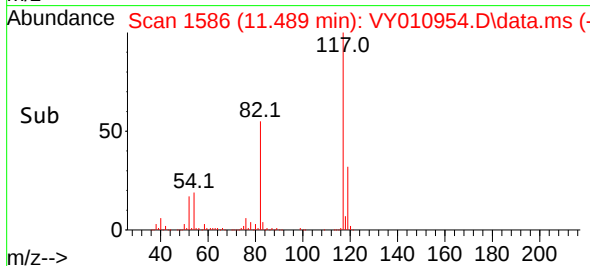
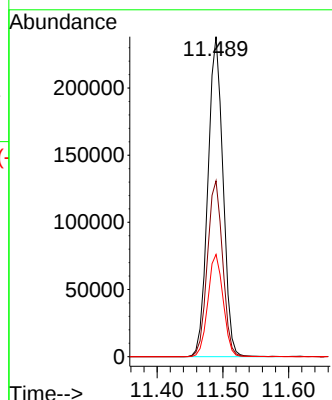
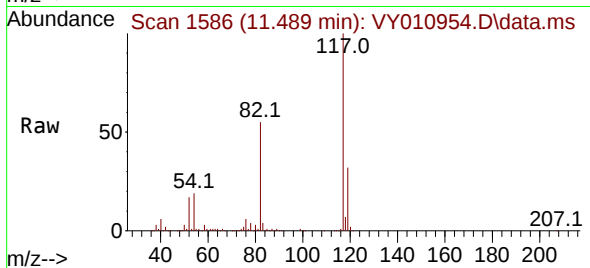




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010954.D
Acq: 13 Oct 2022 13:26

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-101222

Tgt Ion:117 Resp: 380848
Ion Ratio Lower Upper
117 100
82 54.9 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: VY010954.D
Acq: 13 Oct 2022 13:26

Tgt Ion:152 Resp: 171033
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 156.6 0.0 347.6

