

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070356.D
 Acq On : 14 Sep 2021 16:36
 Operator : VA/SY
 Sample : M3725-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-091321

Quant Time: Sep 15 02:46:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	298398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	577725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	732246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	382680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179959	46.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.940%
35) Dibromofluoromethane	7.909	113	200129	48.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.338	98	796609	53.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.626	95	354160	67.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.740%

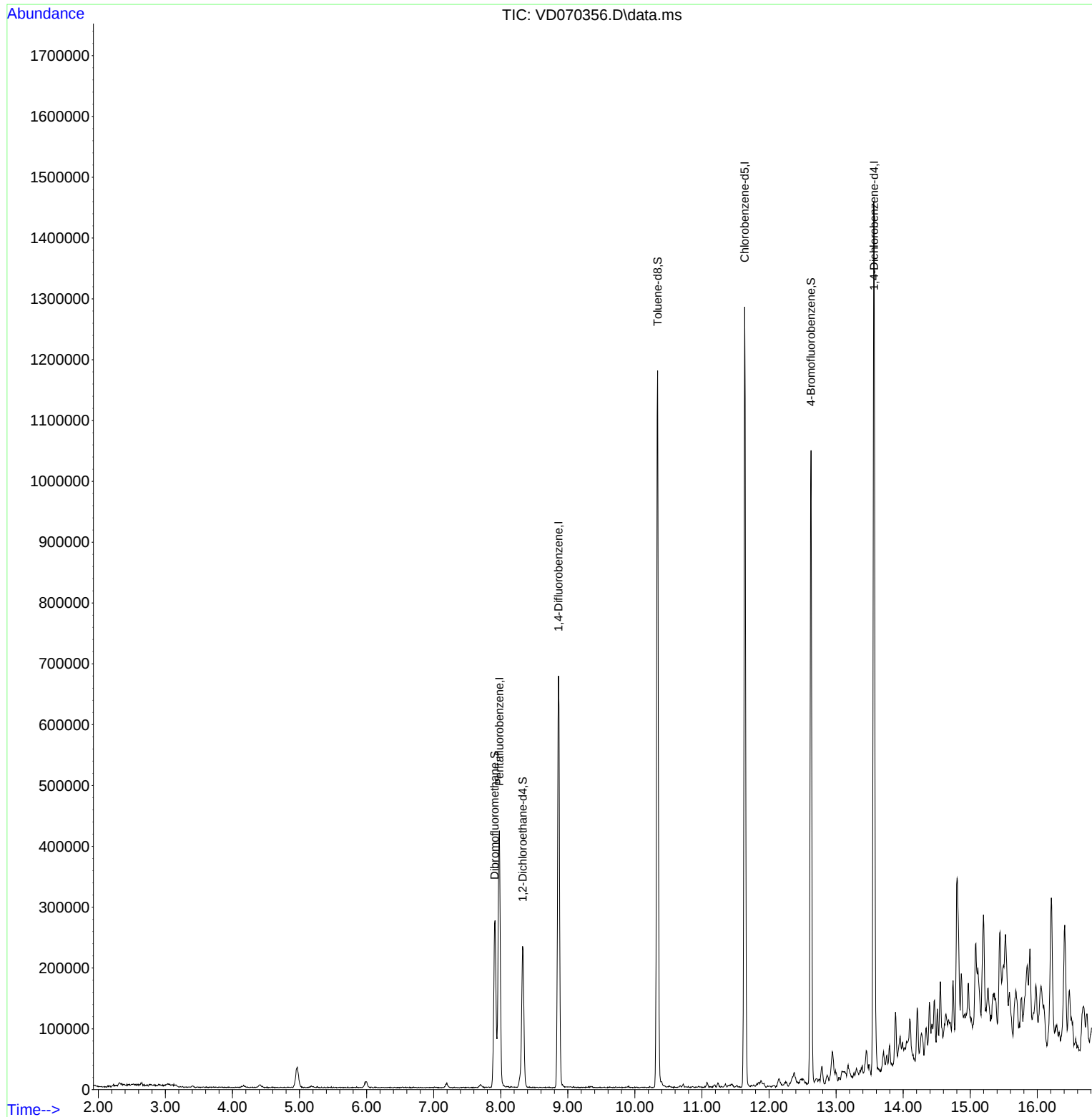
Target Compounds	Qvalue

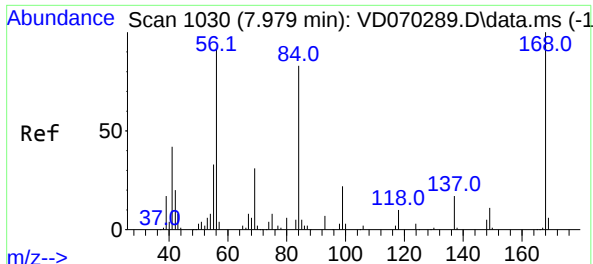
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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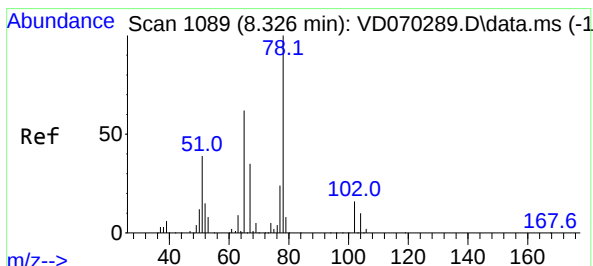
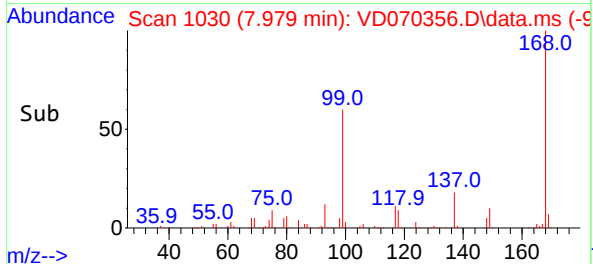
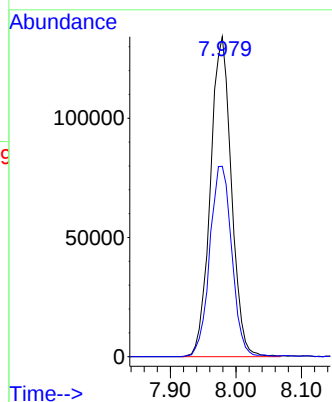
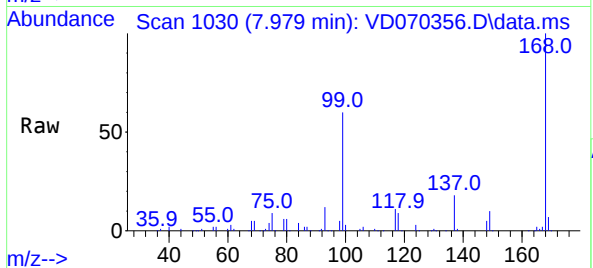




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

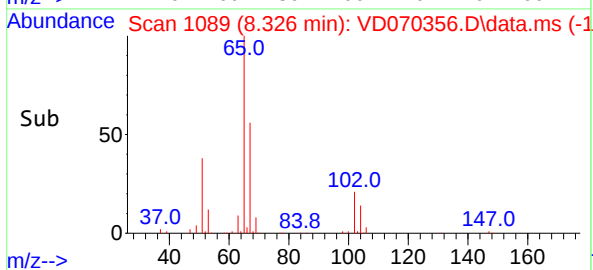
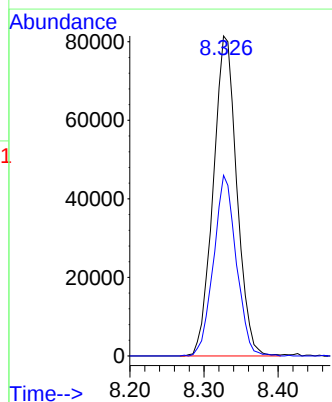
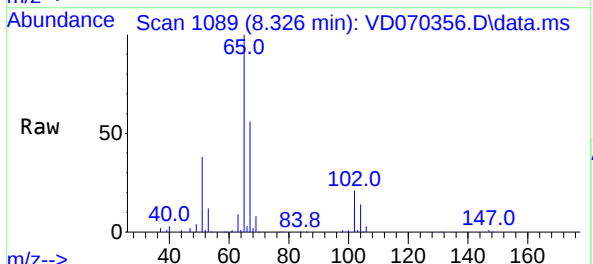
Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

Tgt Ion:168 Resp: 298398
Ion Ratio Lower Upper
168 100
99 59.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 46.968 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 65 Resp: 179959
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.4



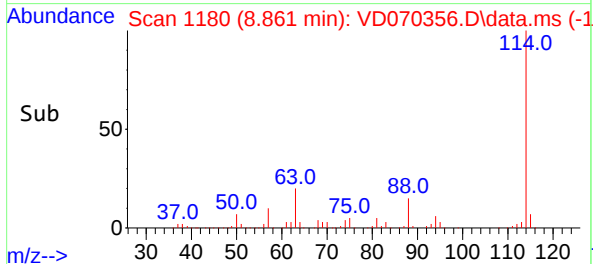
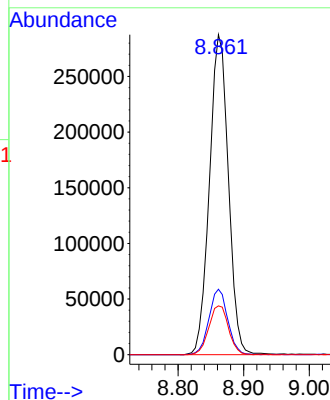
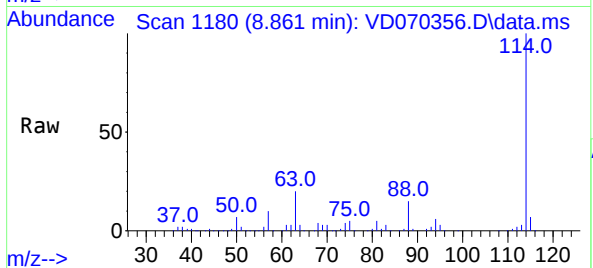


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

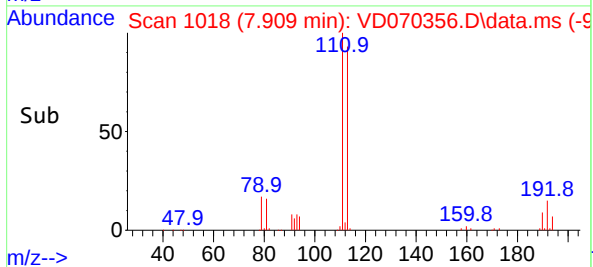
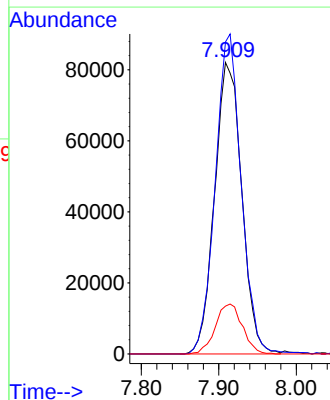
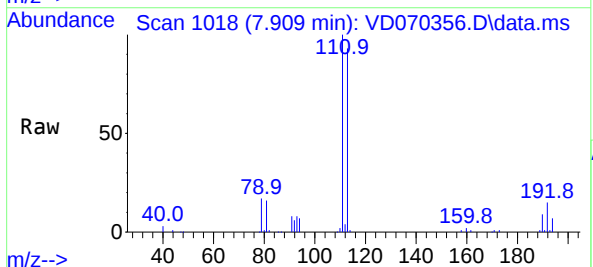
Tgt Ion:114 Resp: 577725
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.4
88 15.2 0.0 33.4

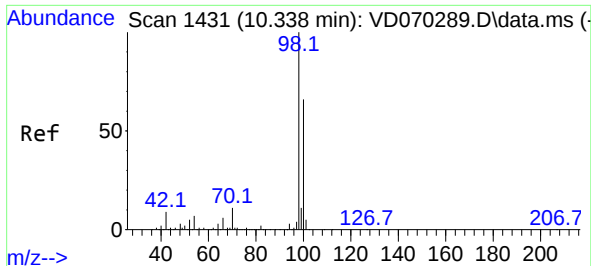


#35

Dibromofluoromethane
Concen: 48.666 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion:113 Resp: 200129
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.2
192 17.0 13.0 19.6

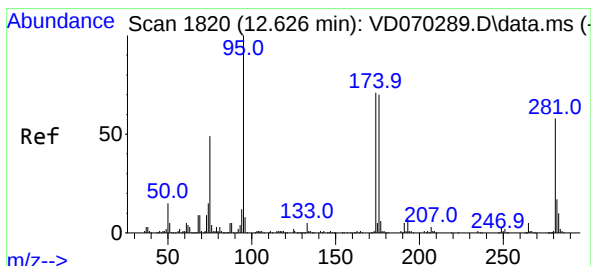
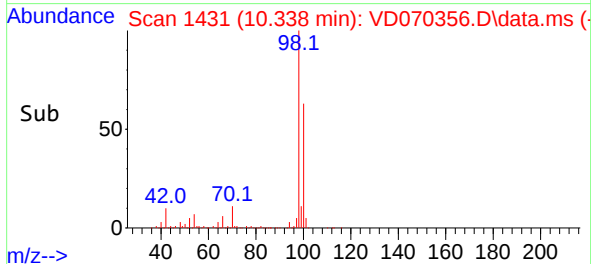
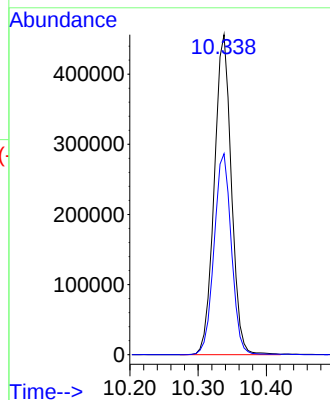
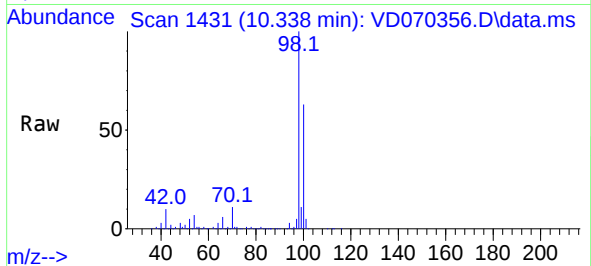




#50
Toluene-d8
Concen: 53.353 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

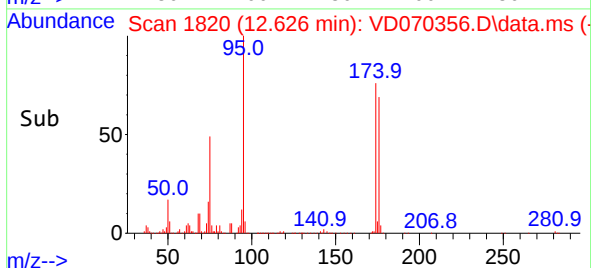
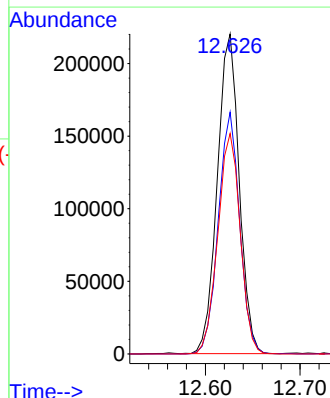
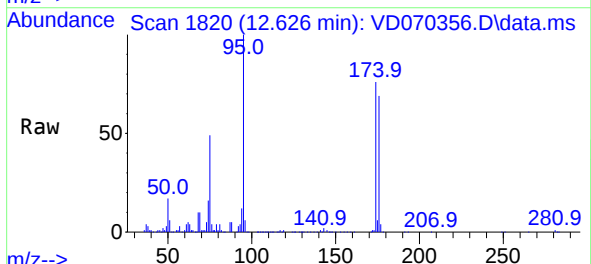
Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

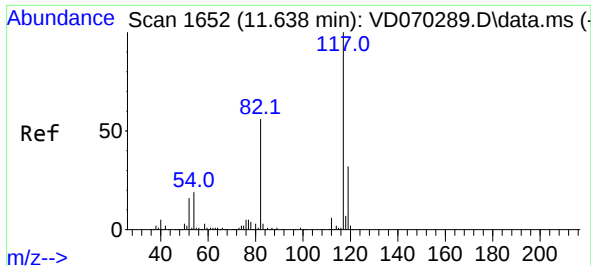
Tgt Ion: 98 Resp: 796609
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 67.871 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 95 Resp: 354160
Ion Ratio Lower Upper
95 100
174 73.9 0.0 140.6
176 70.4 0.0 137.4

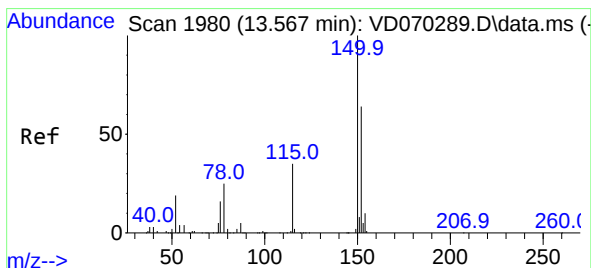
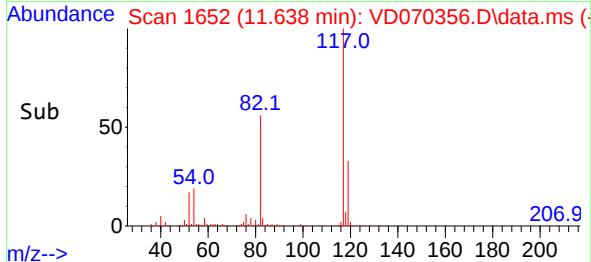
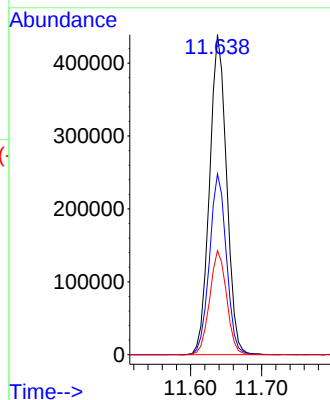
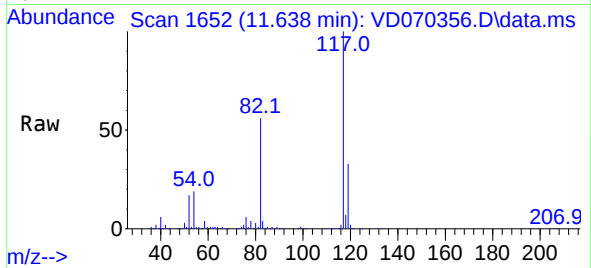




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

Tgt Ion:	117	Resp:	732246
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.4
119	32.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion:	152	Resp:	382680
Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.1	96.3
150	159.0	0.0	350.6

