

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070506.D
 Acq On : 28 Sep 2021 16:55
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 23:43:47 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	272719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	546705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	532830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	219833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188131	53.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.440%
35) Dibromofluoromethane	7.914	113	195326	50.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.380%
50) Toluene-d8	10.338	98	653173	46.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.626	95	204112	41.335	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.680%

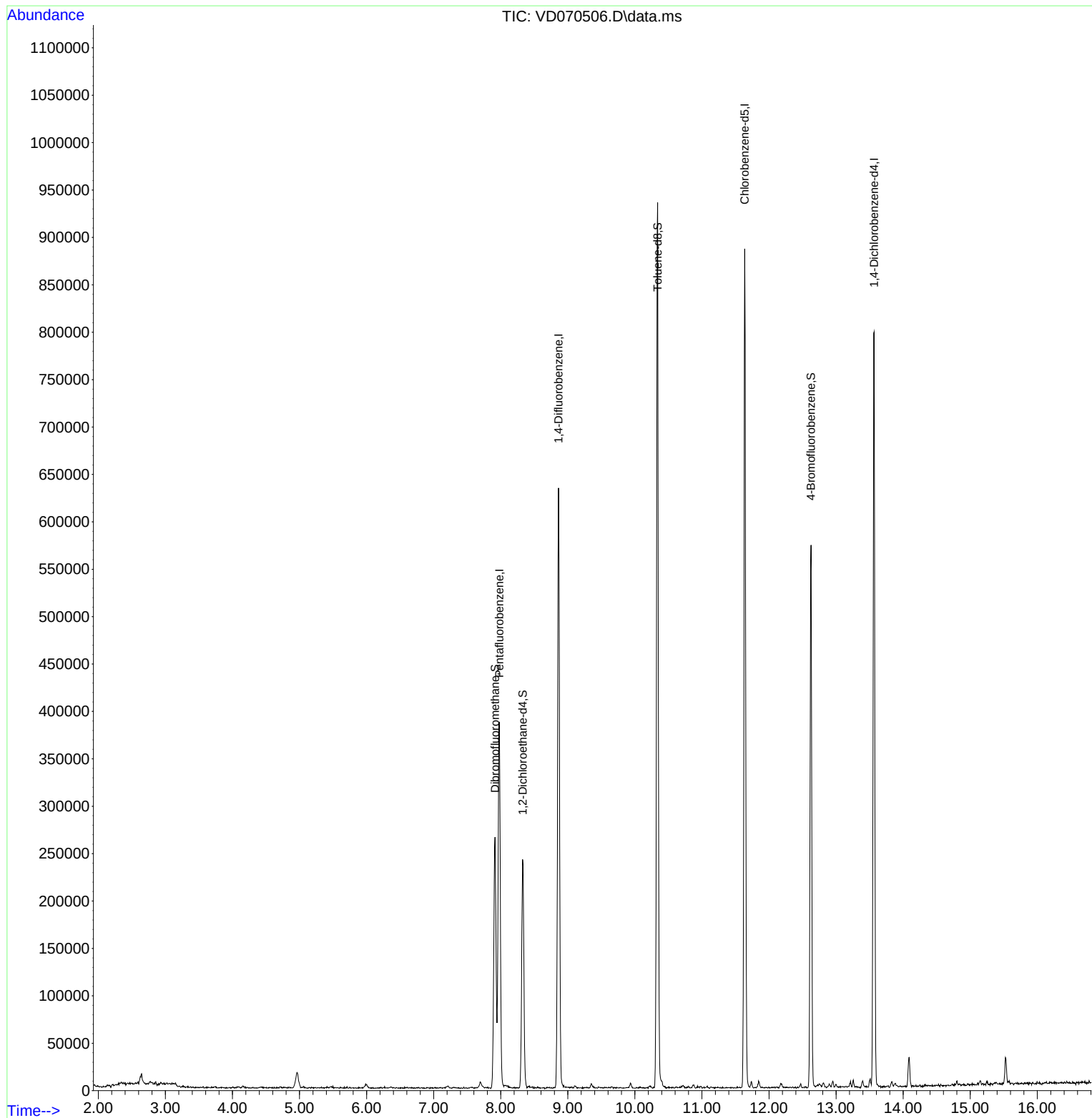
Target Compounds	Qvalue

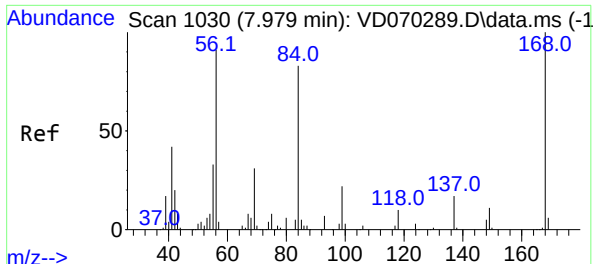
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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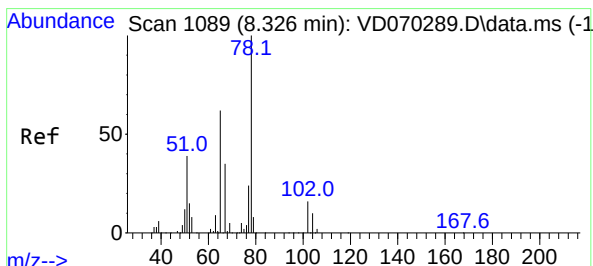
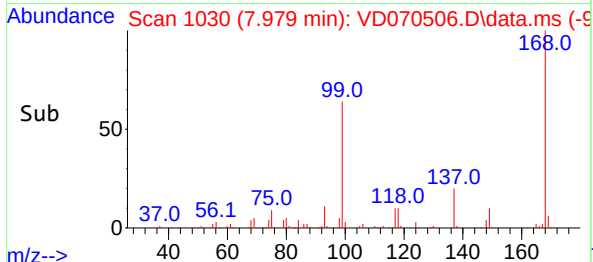
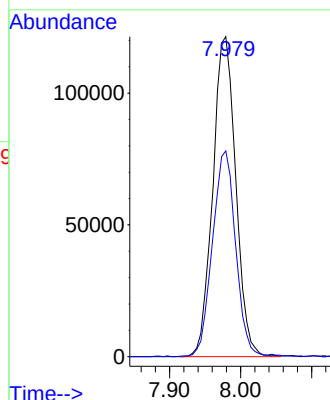
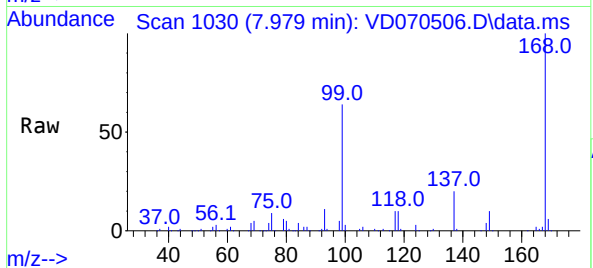




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070506.D
Acq: 28 Sep 2021 16:55

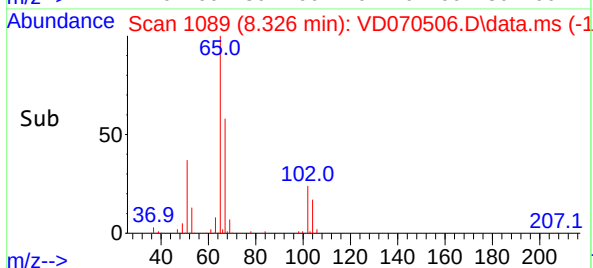
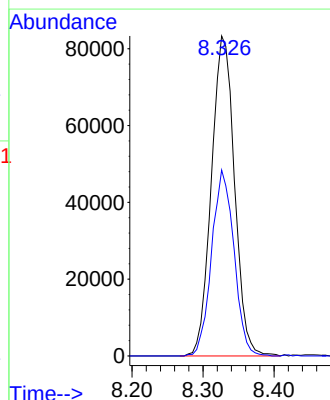
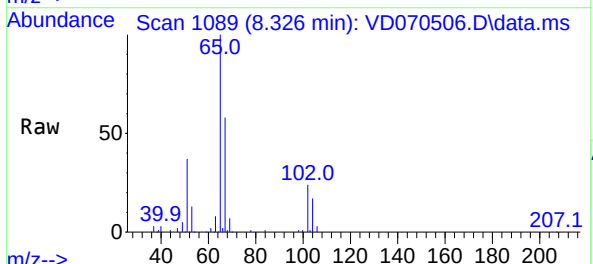
Instrument :
MSVOA_D
ClientSampled :
VIBLK

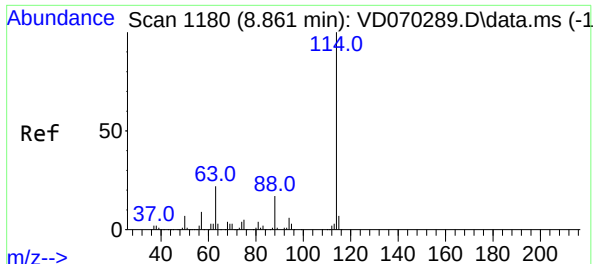
Tgt Ion:168 Resp: 272719
Ion Ratio Lower Upper
168 100
99 64.1 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 53.724 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070506.D
Acq: 28 Sep 2021 16:55

Tgt Ion: 65 Resp: 188131
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.4



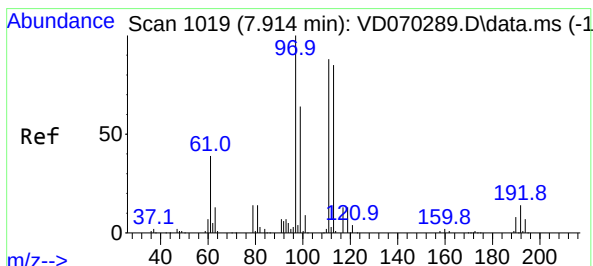
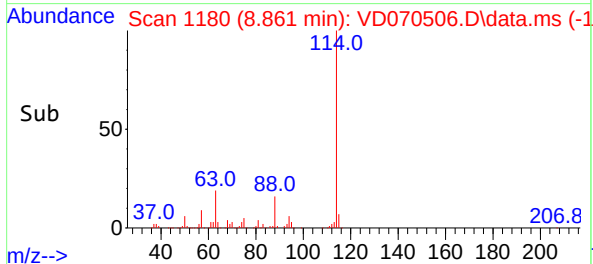
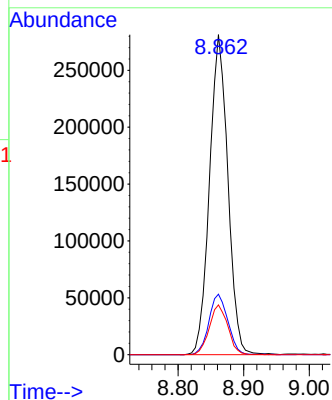
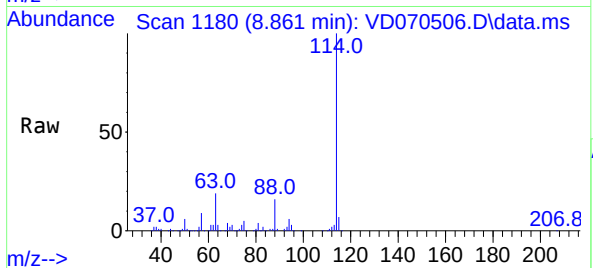


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070506.D
Acq: 28 Sep 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

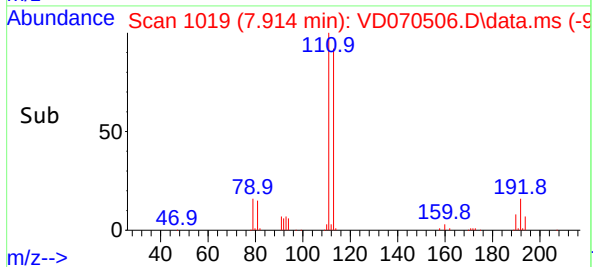
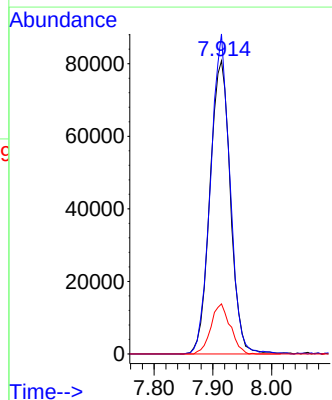
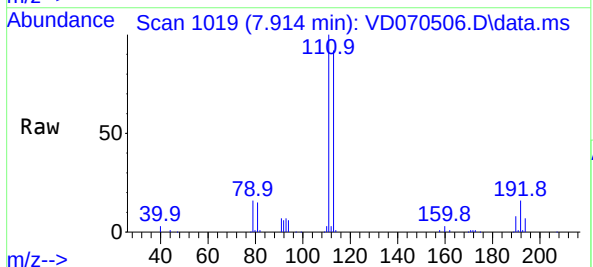
Tgt Ion:	114	Resp:	546705
Ion Ratio	Lower	Upper	
114	100		
63	18.9	0.0	43.4
88	15.5	0.0	33.4

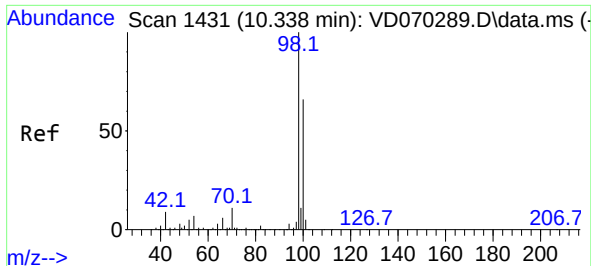


#35

Dibromofluoromethane
Concen: 50.193 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070506.D
Acq: 28 Sep 2021 16:55

Tgt Ion:	113	Resp:	195326
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.4	122.2
192	16.2	13.0	19.6

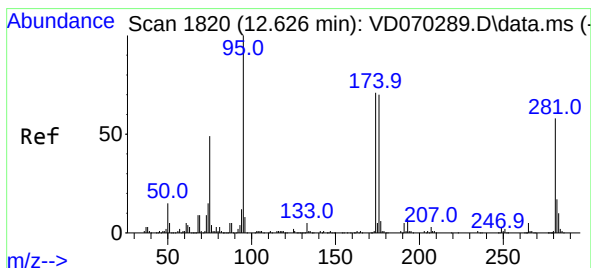
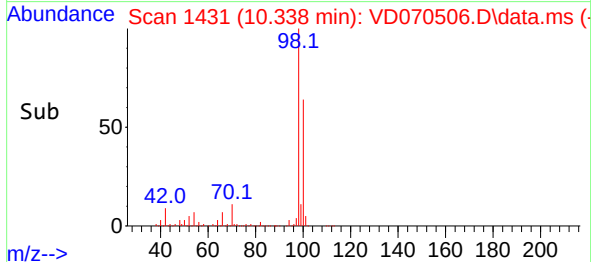
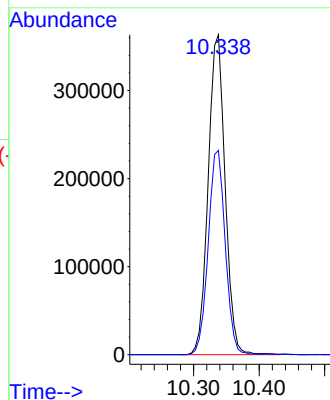
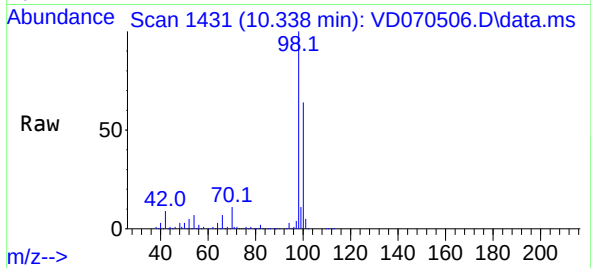




#50
Toluene-d8
Concen: 46.229 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070506.D
Acq: 28 Sep 2021 16:55

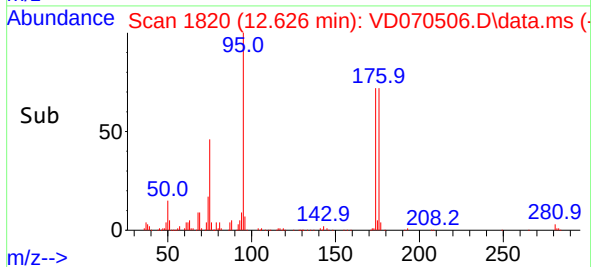
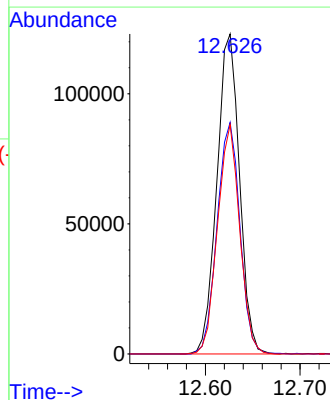
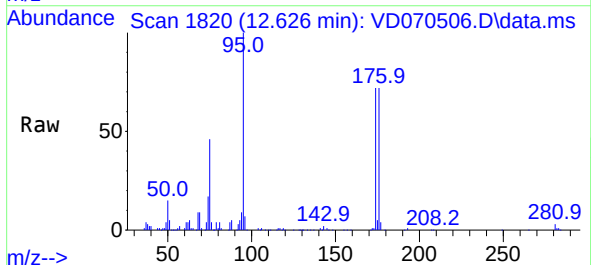
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

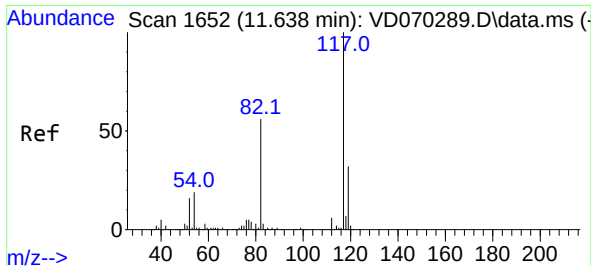
Tgt Ion: 98 Resp: 653173
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.335 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070506.D
Acq: 28 Sep 2021 16:55

Tgt Ion: 95 Resp: 204112
Ion Ratio Lower Upper
95 100
174 72.8 0.0 140.6
176 70.0 0.0 137.4

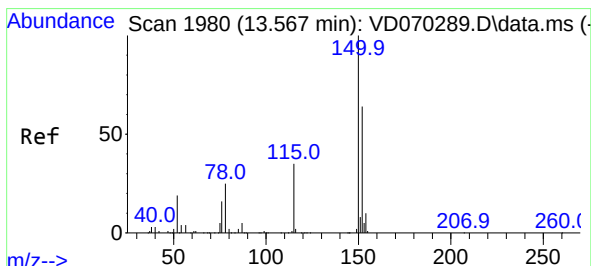
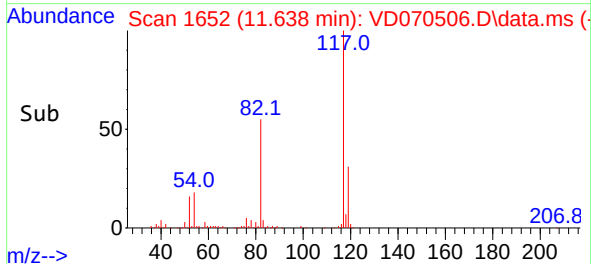
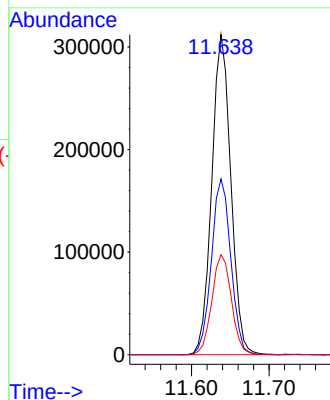
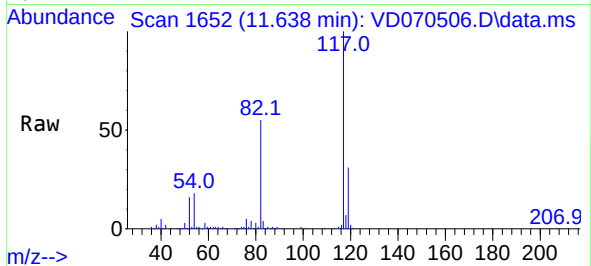




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070506.D
Acq: 28 Sep 2021 16:55

Instrument :
MSVOA_D
ClientSampled :
VIBLK

Tgt Ion:	117	Resp:	532830
Ion Ratio	Lower	Upper	
117	100		
82	54.9	45.0	67.4
119	31.2	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: VD070506.D
Acq: 28 Sep 2021 16:55

Tgt Ion:	152	Resp:	219833
Ion Ratio	Lower	Upper	
152	100		
115	62.4	32.1	96.3
150	156.0	0.0	350.6

