

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070512.D
 Acq On : 28 Sep 2021 19:45
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 23:45:43 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	7.973	168	316619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	640624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238200	58.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.180%
35) Dibromofluoromethane	7.909	113	242377	53.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.300%
50) Toluene-d8	10.332	98	817022	49.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.620	95	357397	61.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.540%

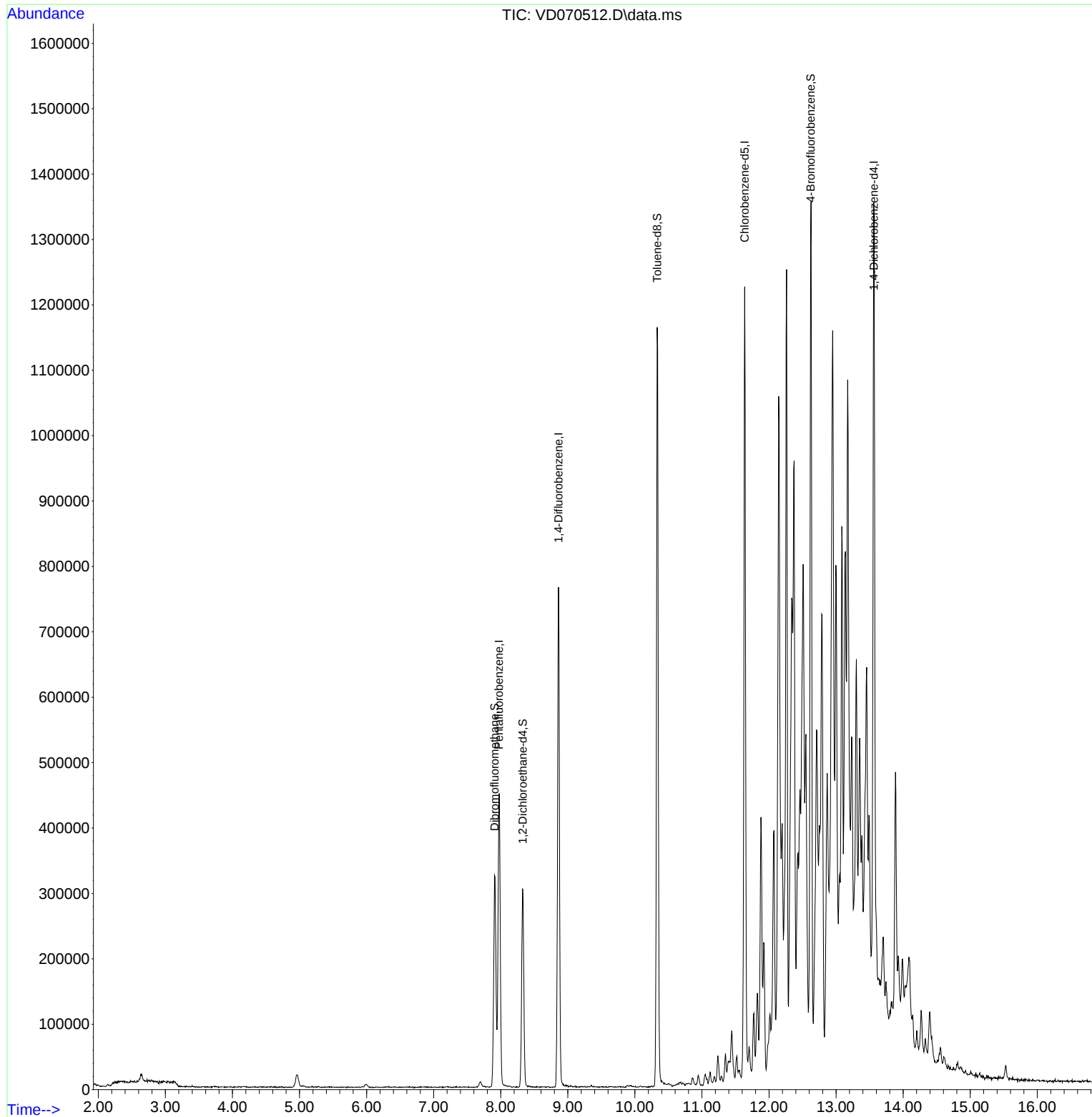
Target Compounds	Qvalue

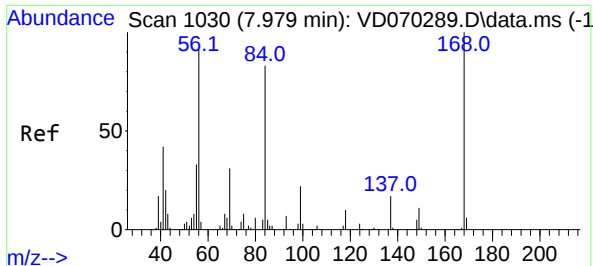
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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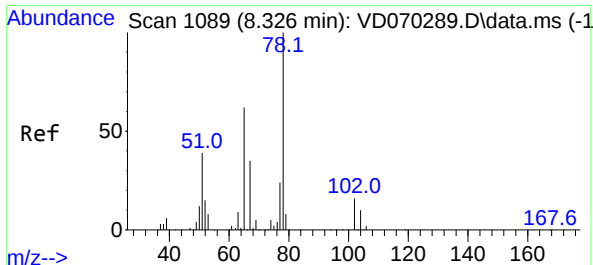
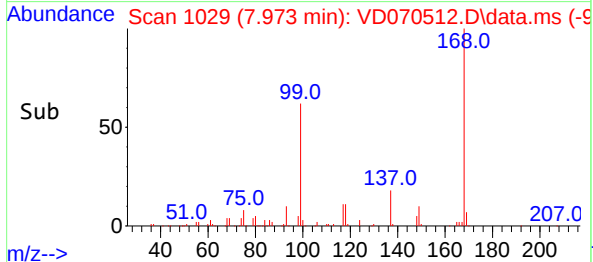
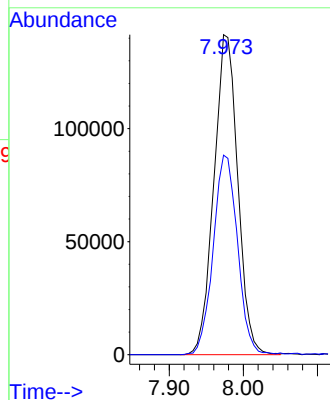
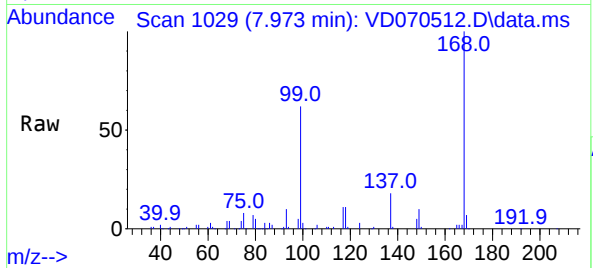




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

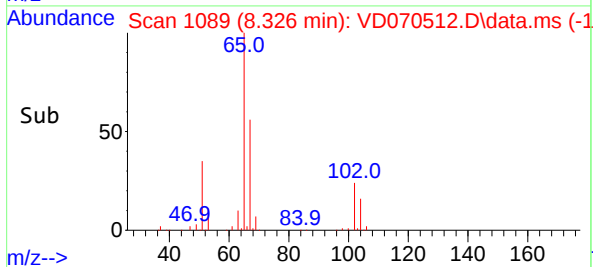
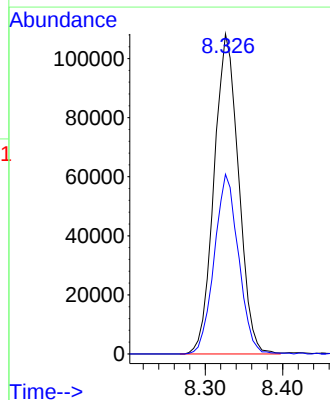
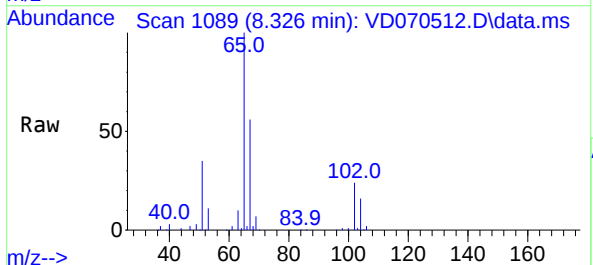
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 316619
Ion Ratio Lower Upper
168 100
99 62.3 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 58.591 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion: 65 Resp: 238200
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.4





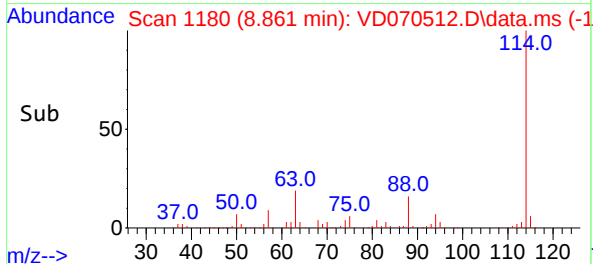
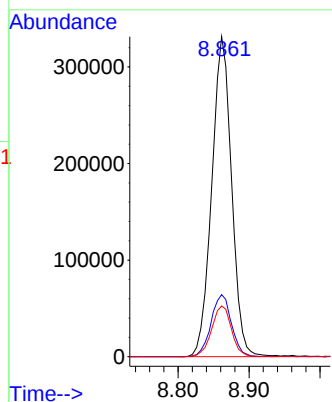
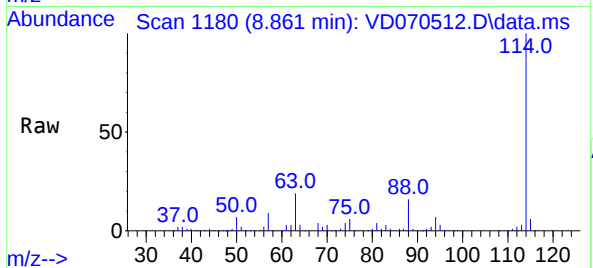
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Instrument :
MSVOA_D
ClientSampled :
VIBLK

Tgt Ion:114 Resp: 640624

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.4
88	15.9	0.0	33.4

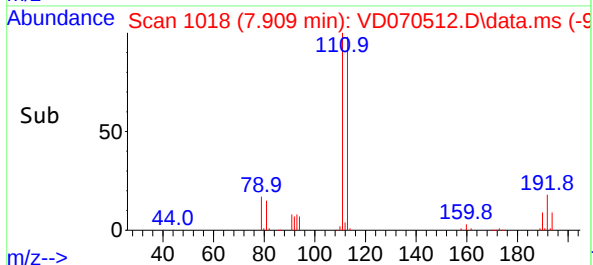
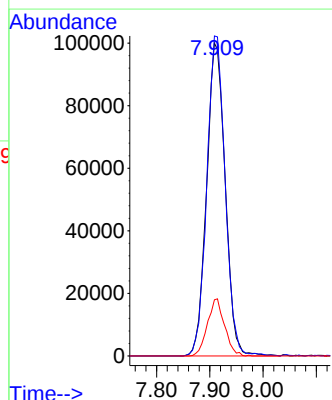
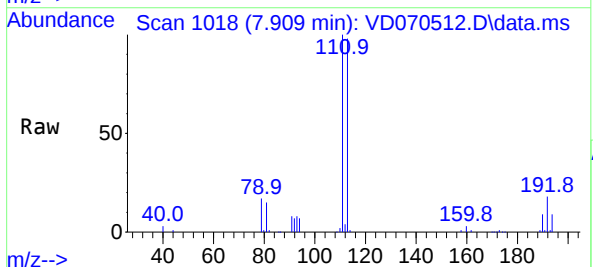


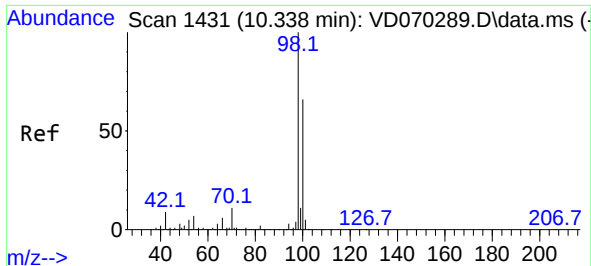
#35

Dibromofluoromethane
Concen: 53.152 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion:113 Resp: 242377

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.2
192	16.8	13.0	19.6

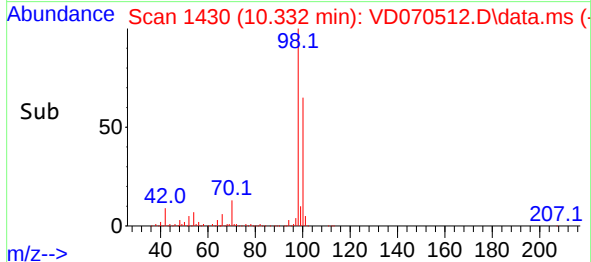
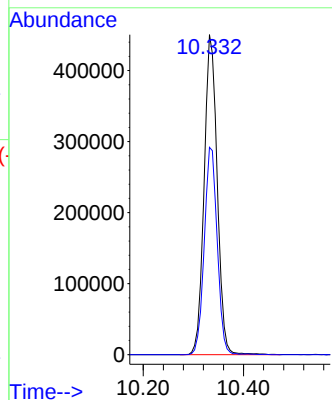
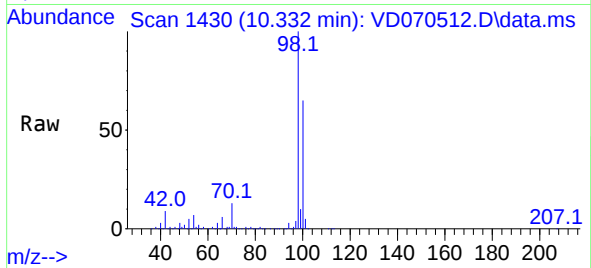




#50
Toluene-d8
Concen: 49.348 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

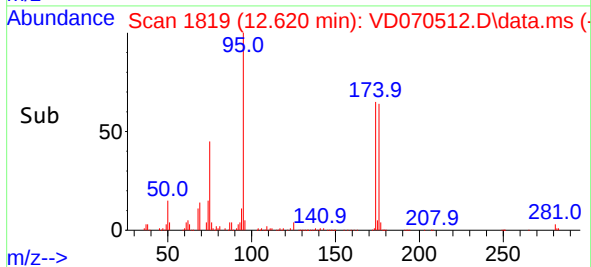
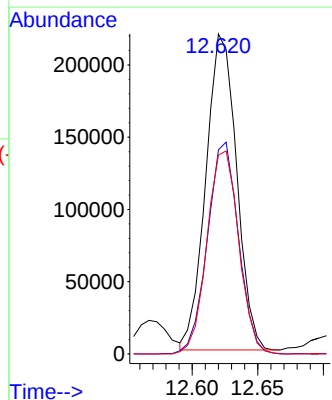
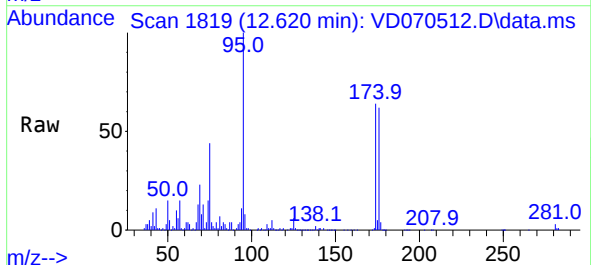
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

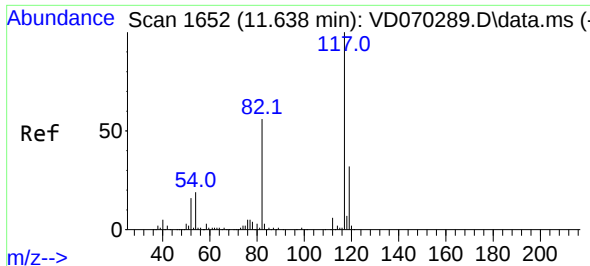
Tgt Ion: 98 Resp: 817022
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 61.767 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion: 95 Resp: 357397
Ion Ratio Lower Upper
95 100
174 67.7 0.0 140.6
176 66.1 0.0 137.4

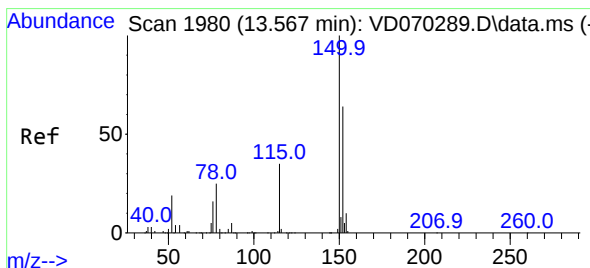
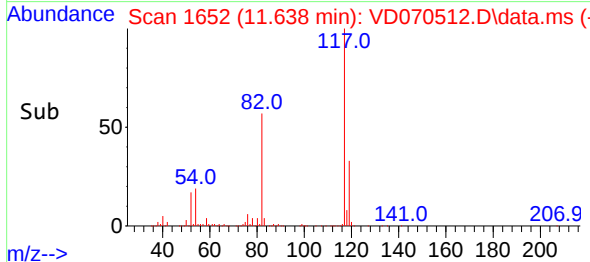
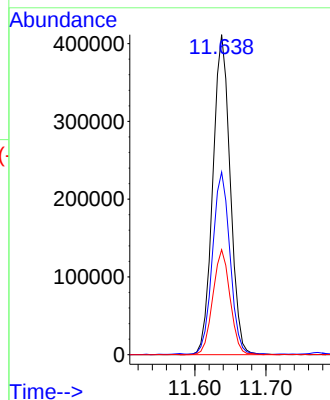
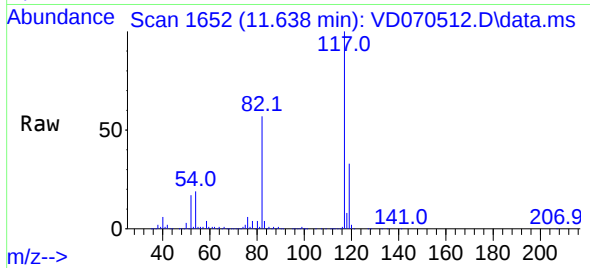




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:	117	Resp:	698139
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.4
119	32.8	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070512.D
Acq: 28 Sep 2021 19:45

Tgt Ion:	152	Resp:	334559
Ion	Ratio	Lower	Upper
152	100		
115	61.6	32.1	96.3
150	154.8	0.0	350.6

