

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070423.D
 Acq On : 22 Sep 2021 13:33
 Operator : VA/SY
 Sample : M3832-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B

Quant Time: Sep 23 05:31:41 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	7.985	168	2235	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	4481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	2729	95.094	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.180%#	
35) Dibromofluoromethane	7.909	113	1247	39.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.200%	
50) Toluene-d8	10.332	98	4387	37.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 75.760%	
62) 4-Bromofluorobenzene	12.620	95	1247	30.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.620%	

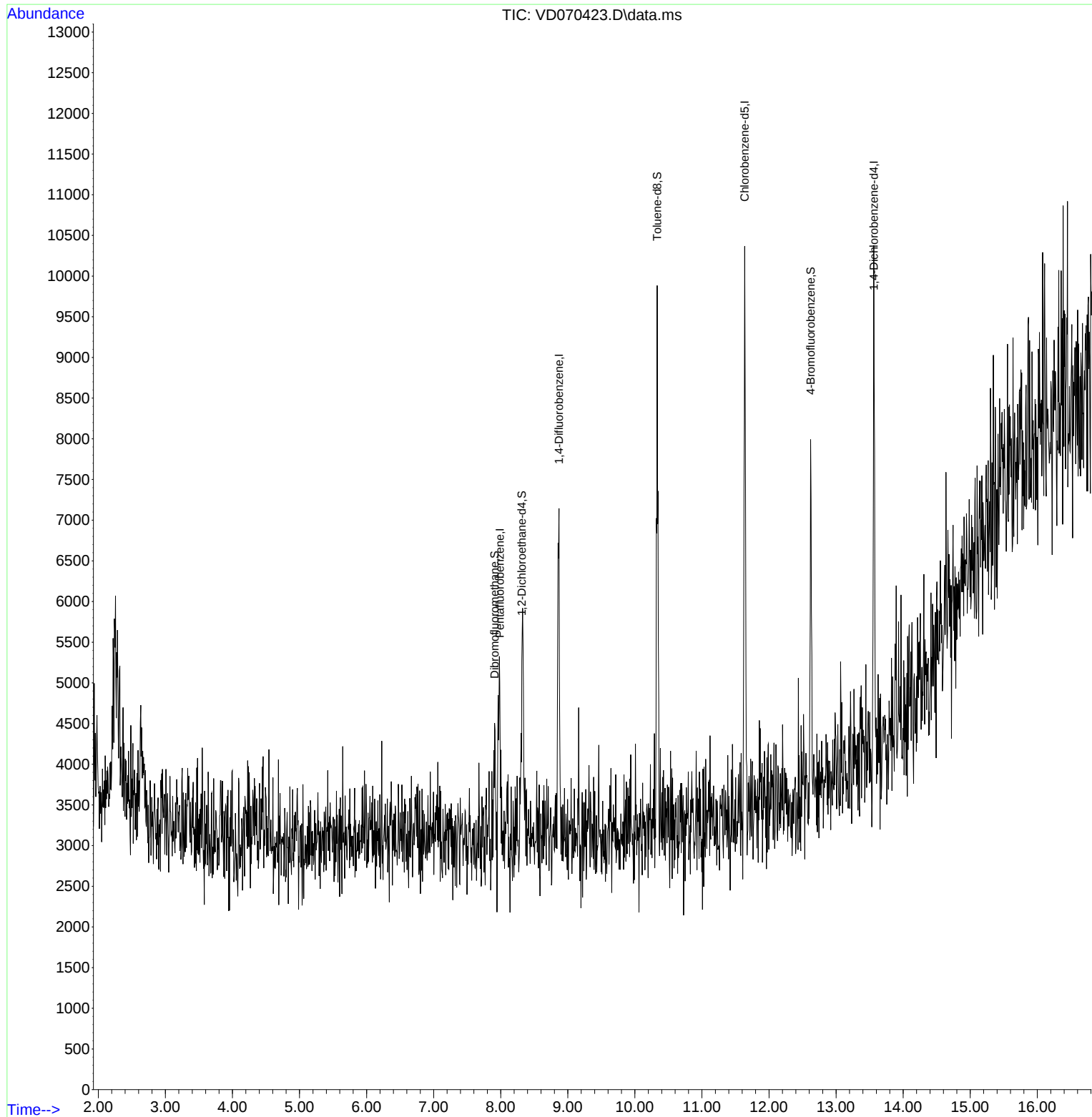
Target Compounds	Qvalue

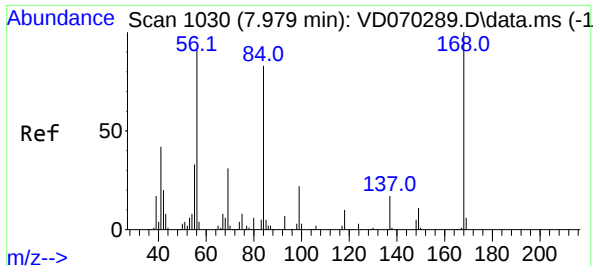
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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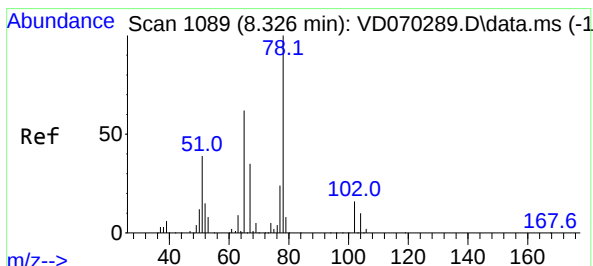
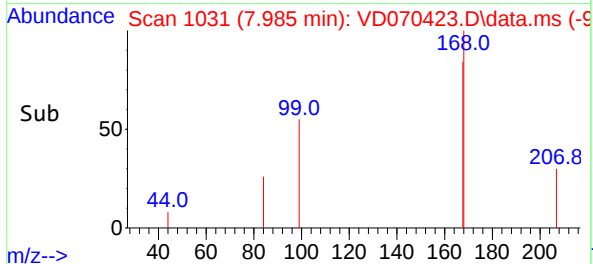
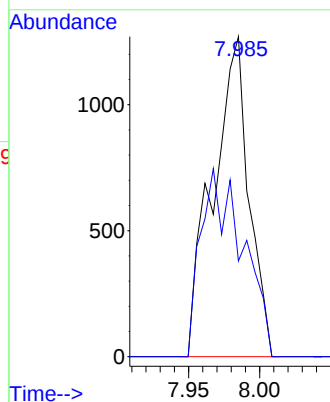
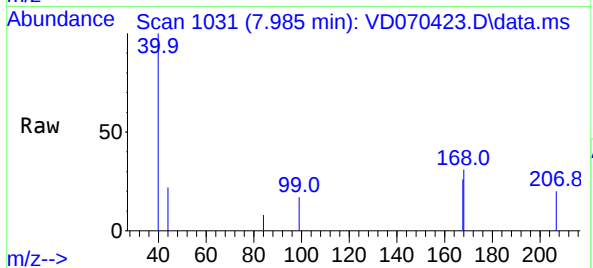




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

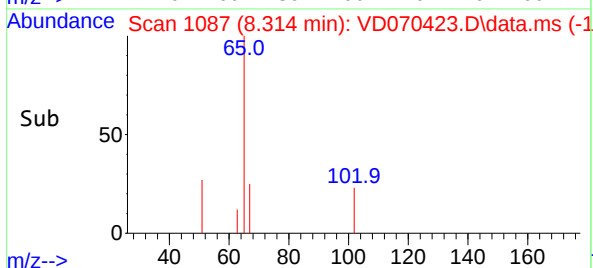
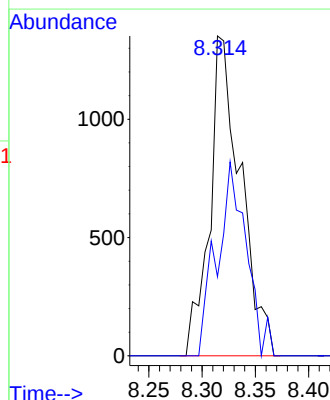
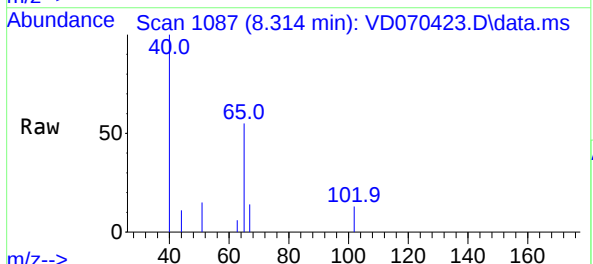
Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tgt Ion:168 Resp: 2235
Ion Ratio Lower Upper
168 100
99 29.9 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 95.094 ug/l
RT: 8.314 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion: 65 Resp: 2729
Ion Ratio Lower Upper
65 100
67 57.6 0.0 111.4



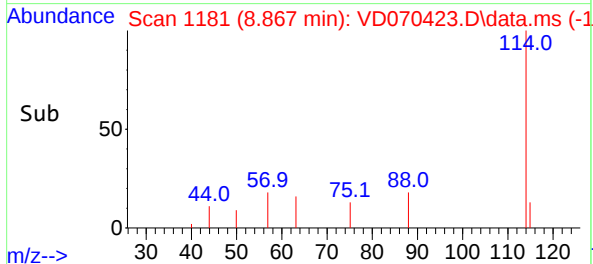
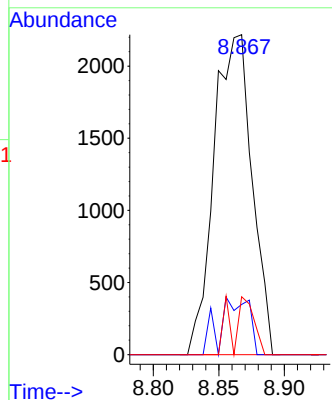
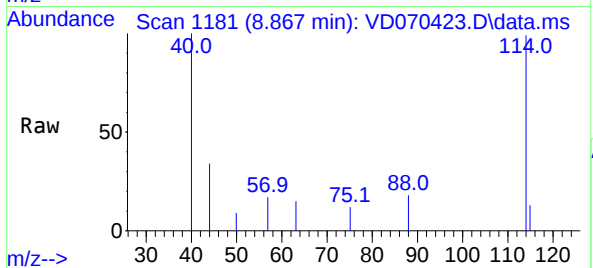


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Instrument :
MSVOA_D
ClientSampled :
TP-B

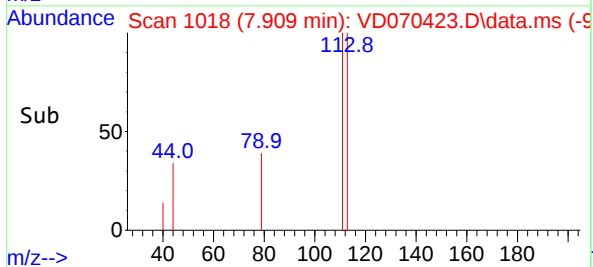
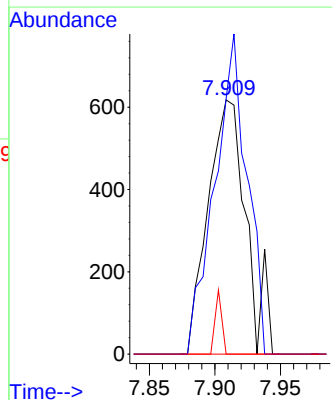
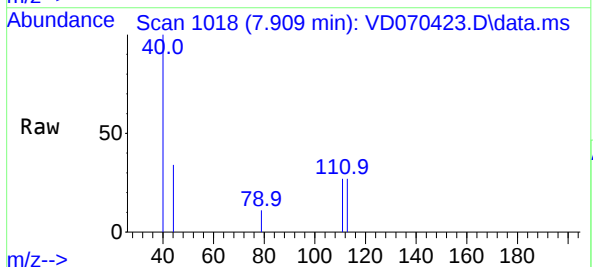
Tgt Ion:114 Resp: 4481
Ion Ratio Lower Upper
114 100
63 15.7 0.0 43.4
88 18.1 0.0 33.4

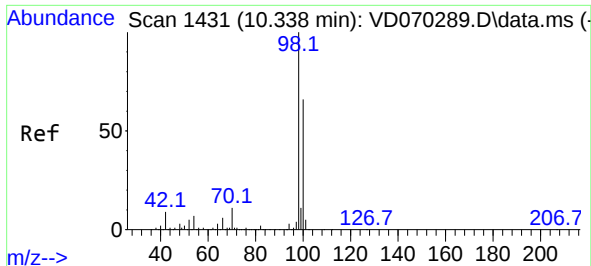


#35

Dibromofluoromethane
Concen: 39.095 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion:113 Resp: 1247
Ion Ratio Lower Upper
113 100
111 106.5 81.4 122.2
192 4.4 13.0 19.6#

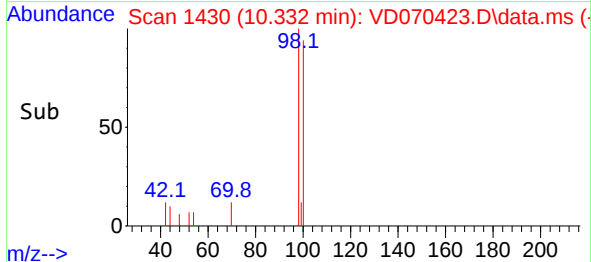
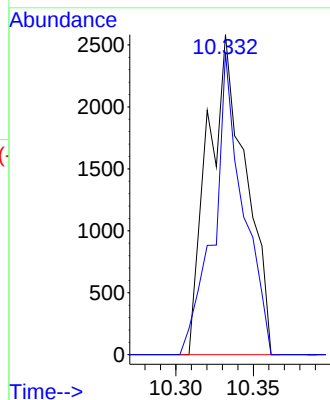
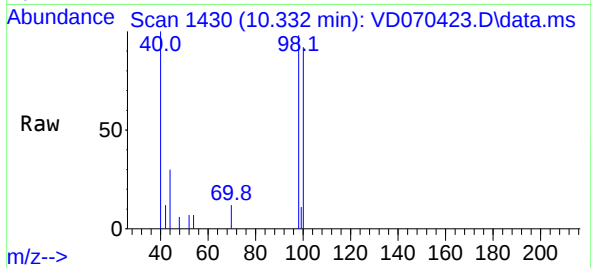




#50
Toluene-d8
Concen: 37.882 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

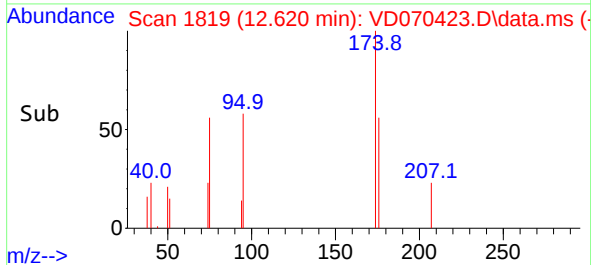
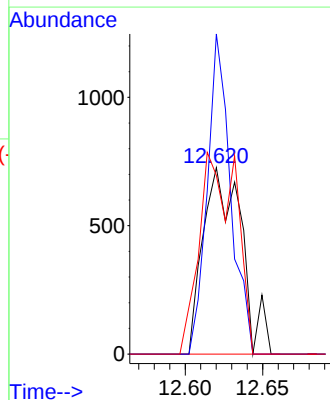
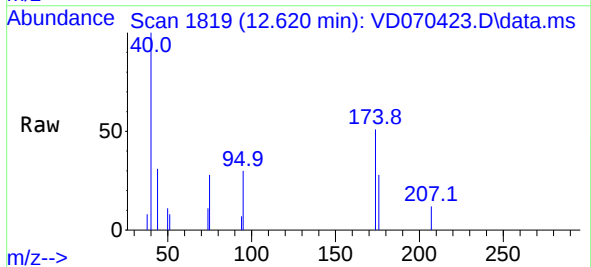
Instrument :
MSVOA_D
ClientSampled :
TP-B

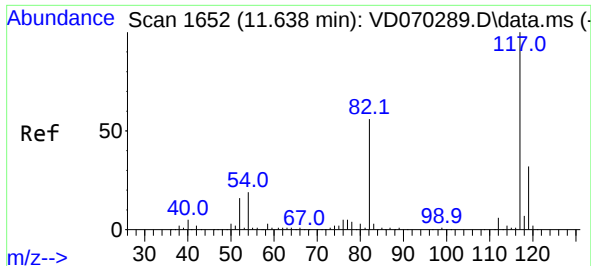
Tgt Ion: 98 Resp: 4387
Ion Ratio Lower Upper
98 100
100 72.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.810 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion: 95 Resp: 1247
Ion Ratio Lower Upper
95 100
174 104.7 0.0 140.6
176 104.1 0.0 137.4

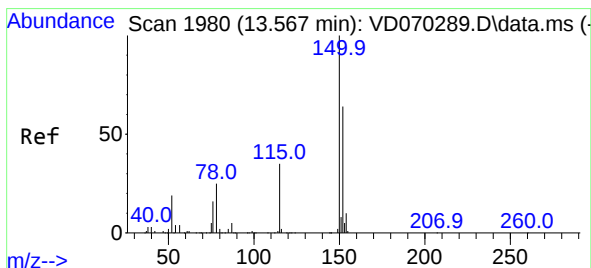
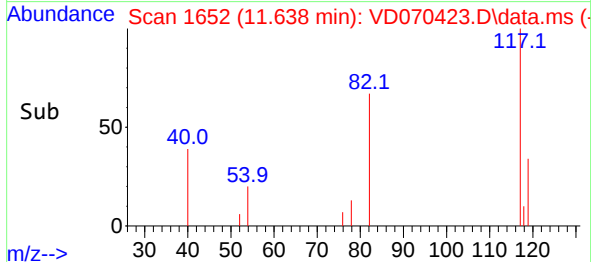
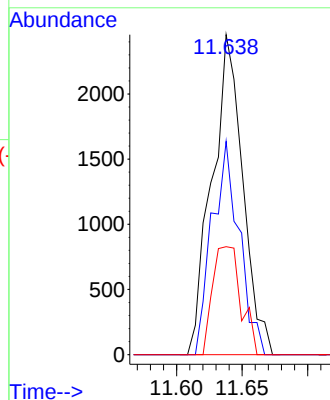
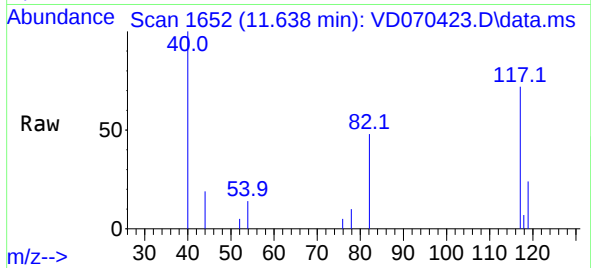




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070423.D
Acq: 22 Sep 2021 13:33

Instrument :
MSVOA_D
ClientSampled :
TP-B

Tgt Ion:	117	Resp:	4025
Ion	Ratio	Lower	Upper
117	100		
82	66.6	45.0	67.4
119	33.7	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: VD070423.D
Acq: 22 Sep 2021 13:33

Tgt Ion:	152	Resp:	1781
Ion	Ratio	Lower	Upper
152	100		
115	58.9	32.1	96.3
150	155.1	0.0	350.6

