

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068114.D
 Acq On : 20 Jan 2021 15:46
 Operator : VA/SY
 Sample : M1160-13
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BASIN-6

Quant Time: Jan 20 16:13:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	600146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1041708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1047583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	502958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	300699	52.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.76%
35) Dibromofluoromethane	7.920	113	301779	52.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.80%
50) Toluene-d8	10.344	98	1320022	57.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.60%
62) 4-Bromofluorobenzene	12.632	95	512741	61.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.62%

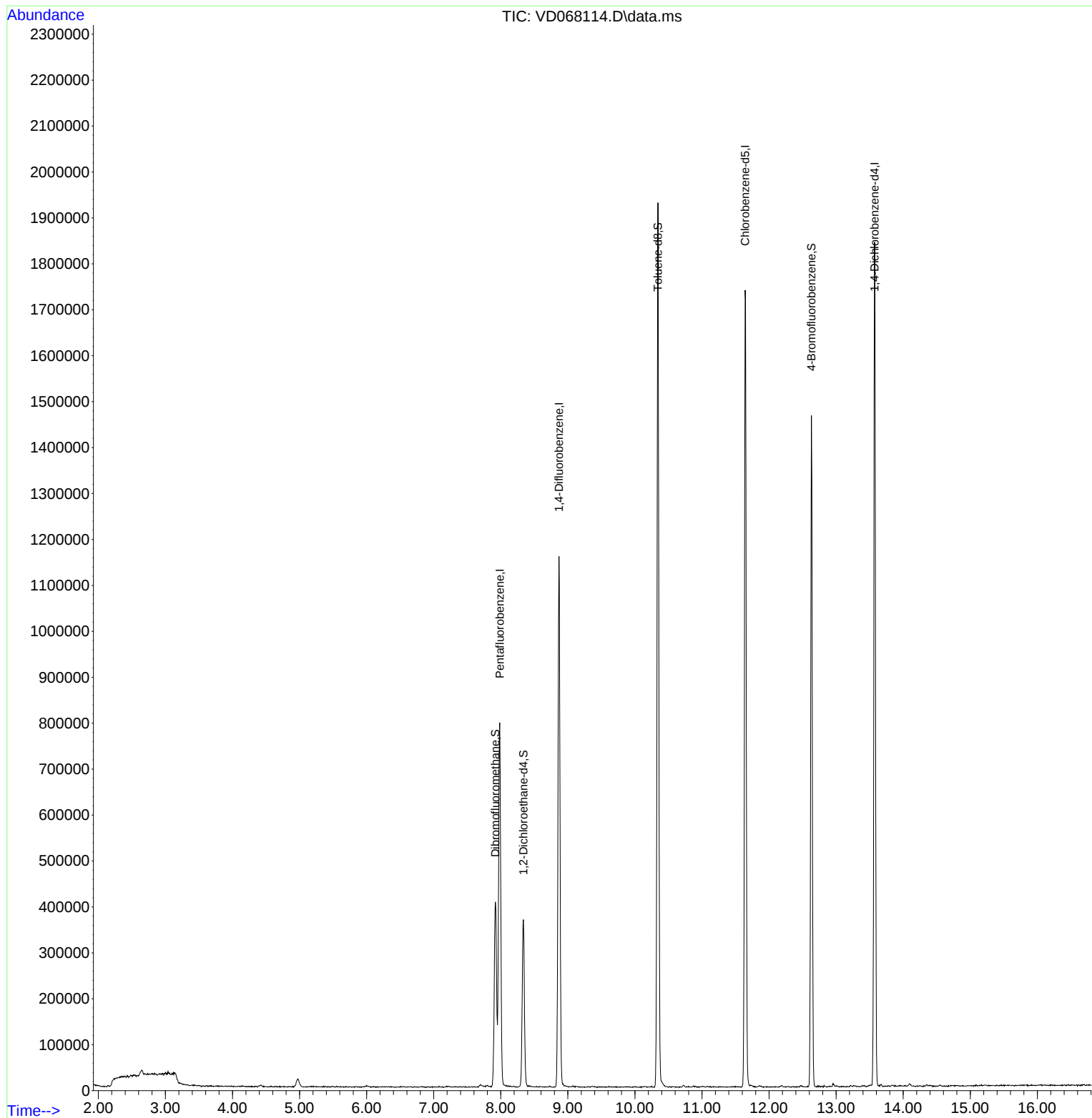
Target Compounds	Qvalue

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

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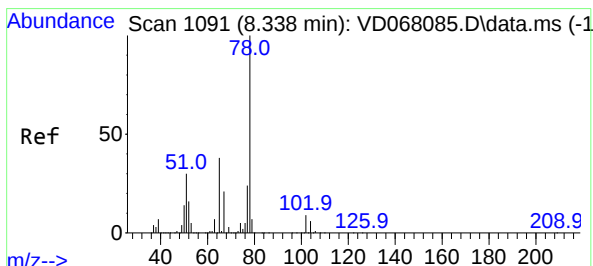
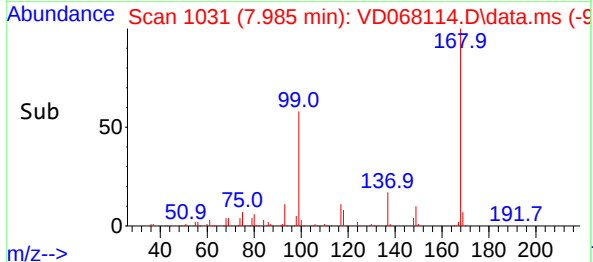
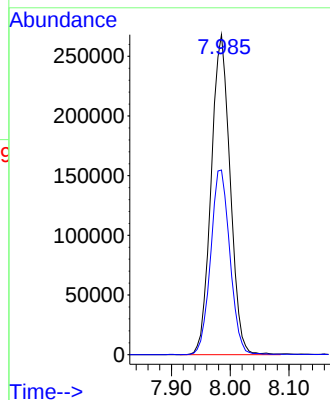
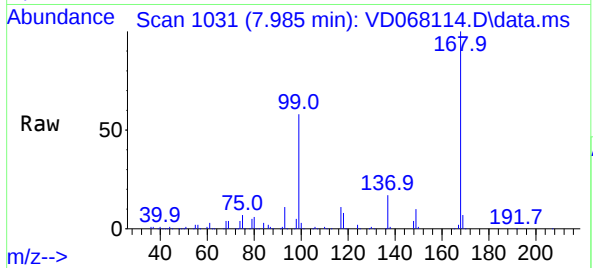




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

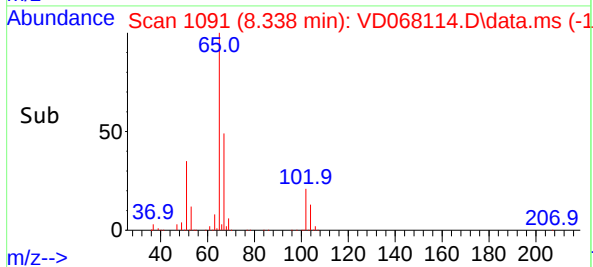
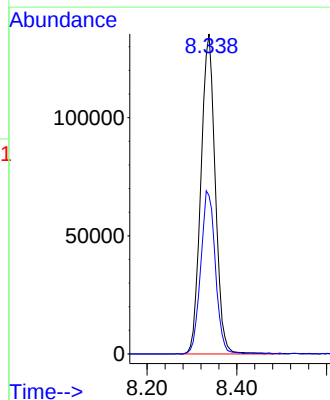
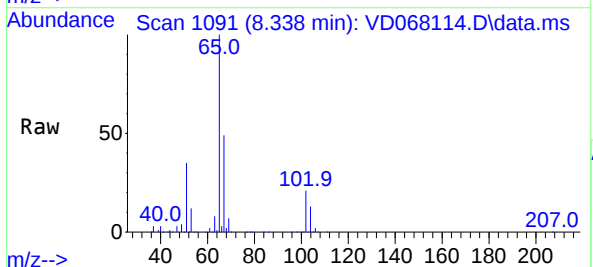
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

Tgt Ion:168 Resp: 600146
Ion Ratio Lower Upper
168 100
99 57.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.38 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion: 65 Resp: 300699
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0

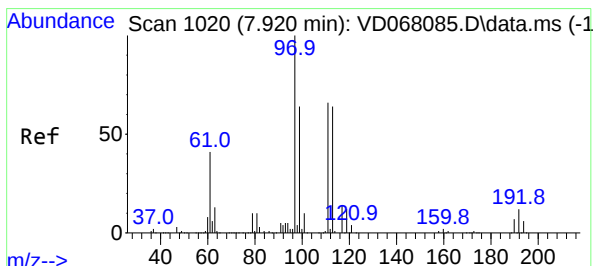
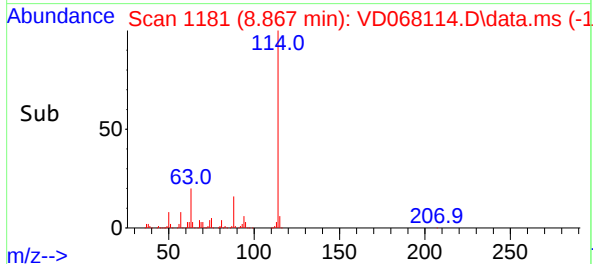
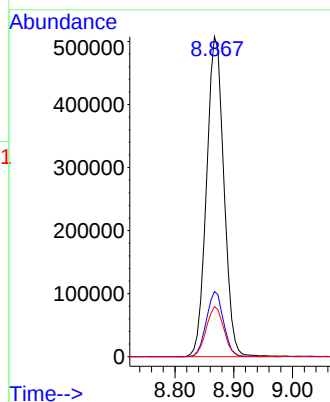
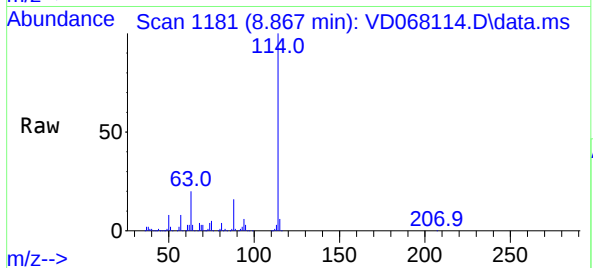




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

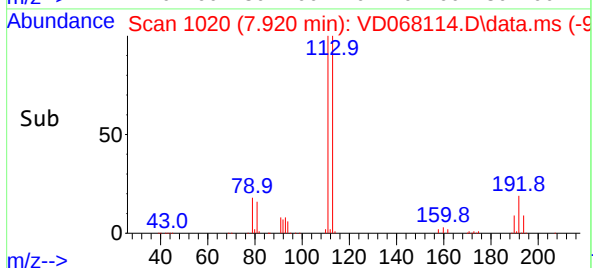
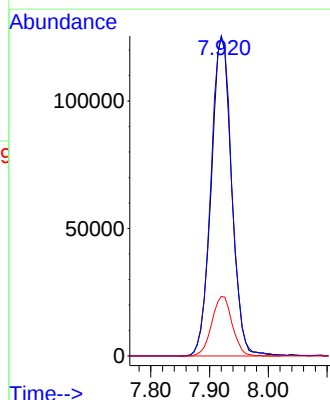
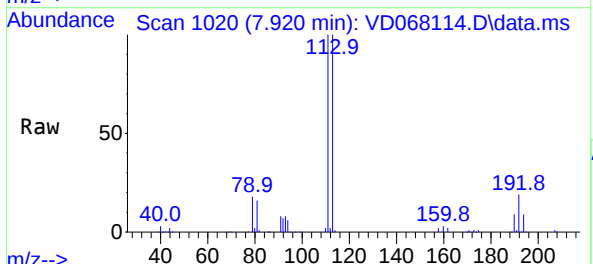
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

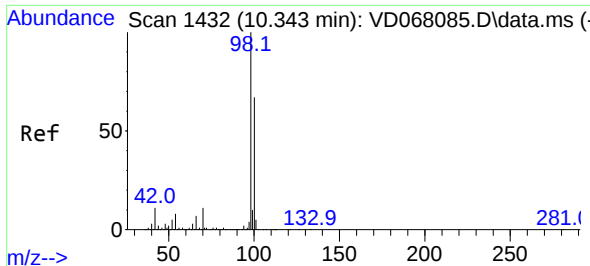
Tgt Ion:114 Resp: 1041708
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.40 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion:113 Resp: 301779
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.7 16.1 24.1

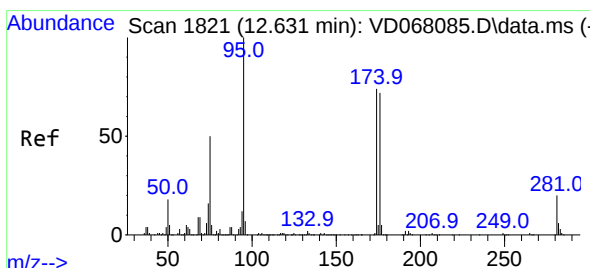
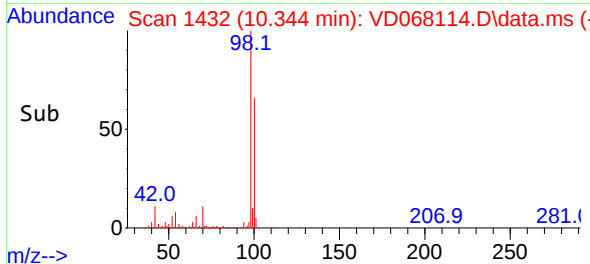
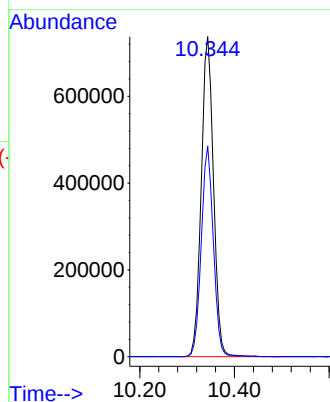
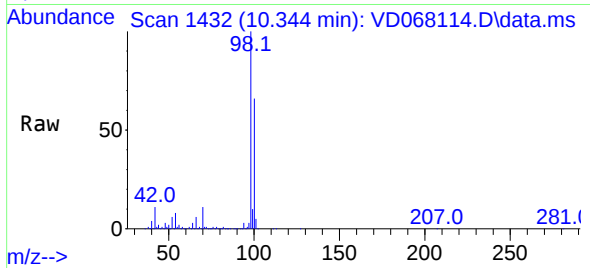




#50
Toluene-d8
Concen: 57.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

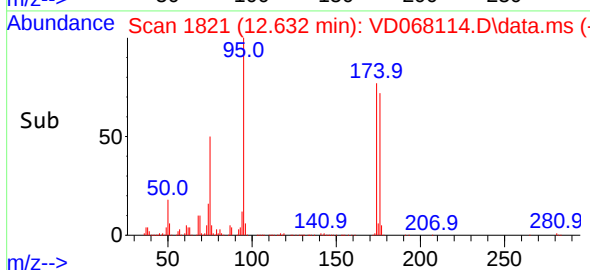
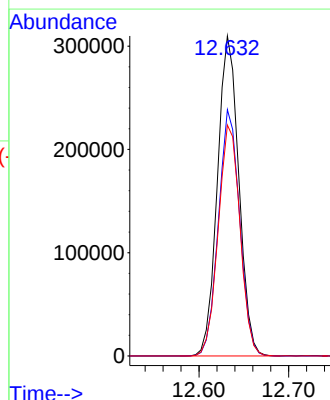
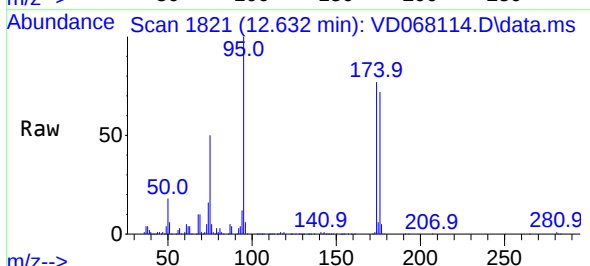
Instrument :
MSVOA_D
ClientSampleId :
BASIN-6

Tgt Ion: 98 Resp: 1320022
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 61.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion: 95 Resp: 512741
Ion Ratio Lower Upper
95 100
174 76.4 0.0 172.4
176 73.4 0.0 168.4



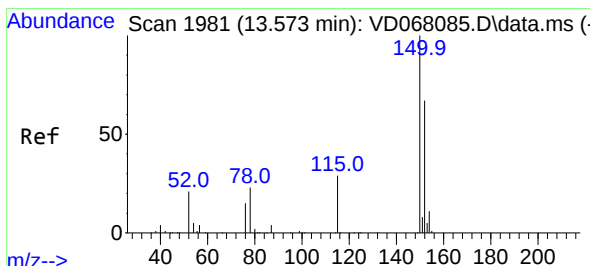
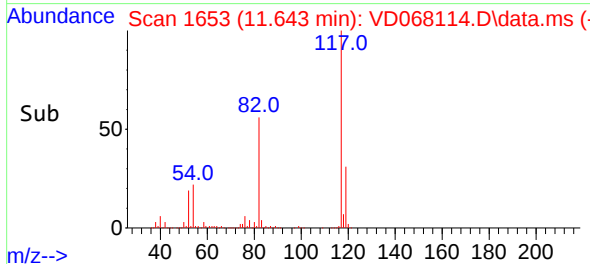
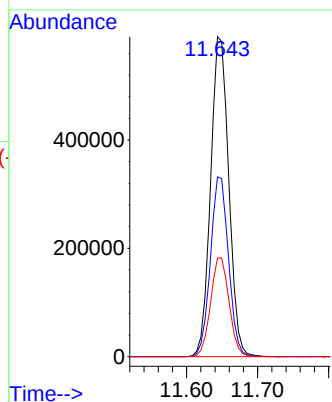
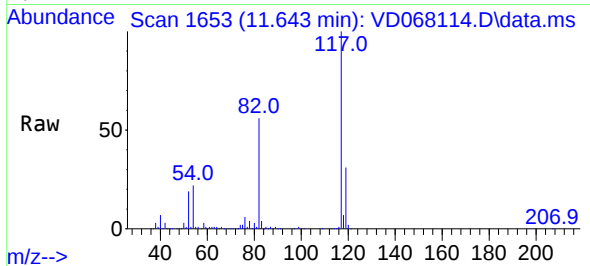


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Instrument :
MSVOA_D
ClientSampled :
BASIN-6

Tgt Ion:117 Resp: 1047583

Ion	Ratio	Lower	Upper
117	100		
82	56.2	41.4	62.0
119	30.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068114.D
Acq: 20 Jan 2021 15:46

Tgt Ion:152 Resp: 502958

Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.9	86.8
150	157.3	0.0	344.4

