

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
 Data File : VD068329.D
 Acq On : 09 Feb 2021 12:14
 Operator : VA/SY
 Sample : VD0209SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBL01

Quant Time: Feb 10 00:16:14 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	7.979	168	514748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	931054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	838975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	371186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	269505	54.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.46%
35) Dibromofluoromethane	7.914	113	274406	53.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.62%
50) Toluene-d8	10.338	98	1156331	56.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.32%
62) 4-Bromofluorobenzene	12.632	95	367260	49.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.06%

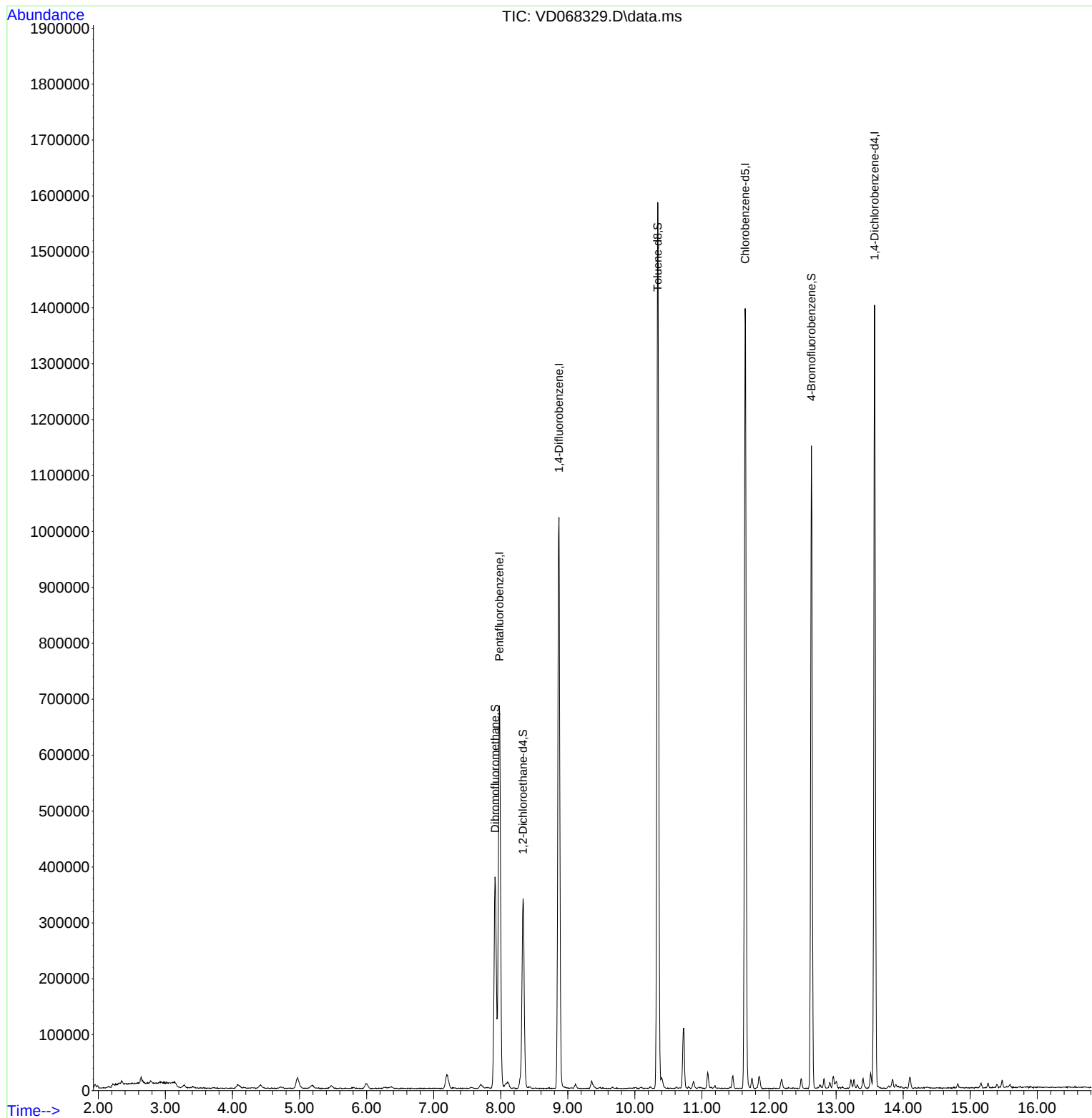
Target Compounds	Qvalue

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

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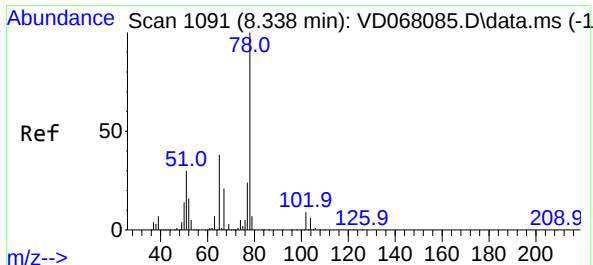
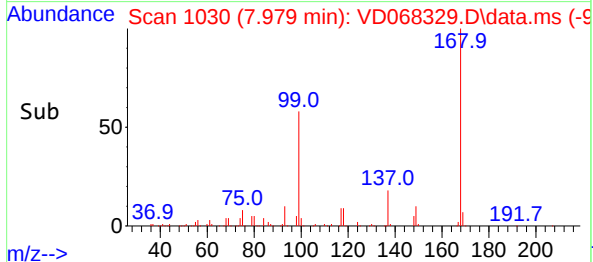
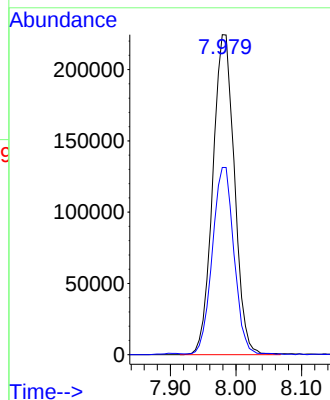
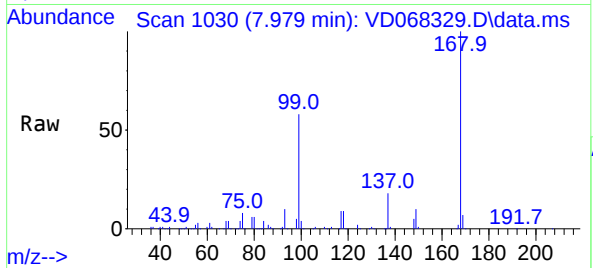




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

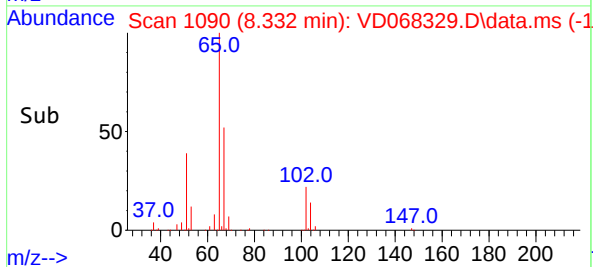
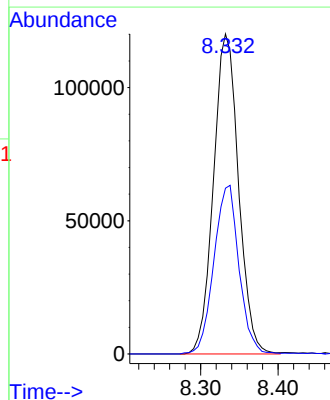
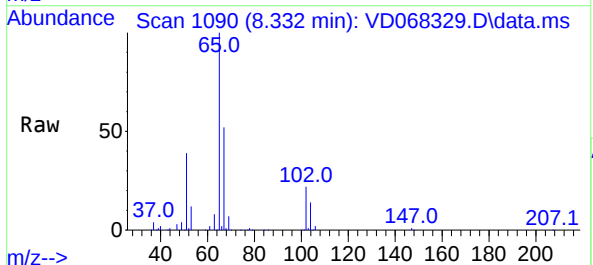
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

Tgt Ion:168 Resp: 514748
Ion Ratio Lower Upper
168 100
99 58.2 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 54.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion: 65 Resp: 269505
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0





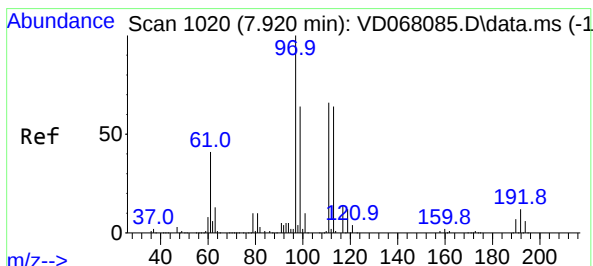
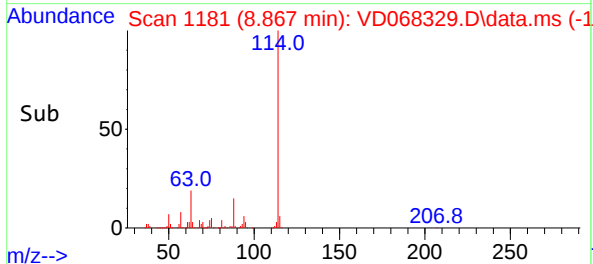
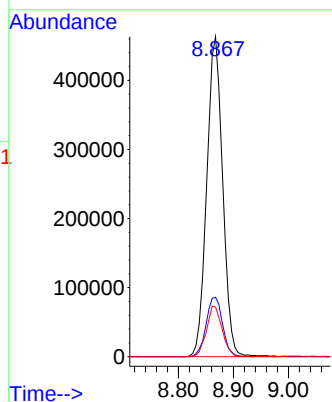
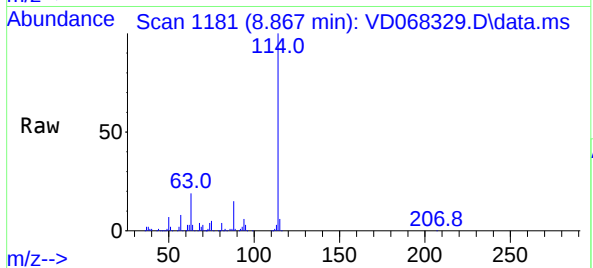
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

Tgt Ion:114 Resp: 931054

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.8
88	15.5	0.0	31.6

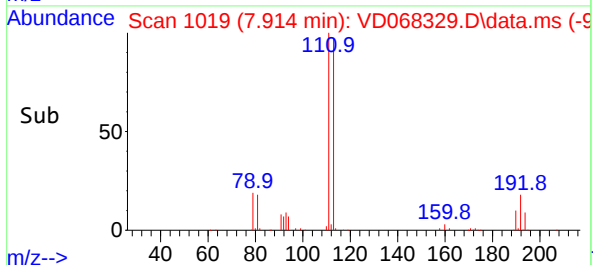
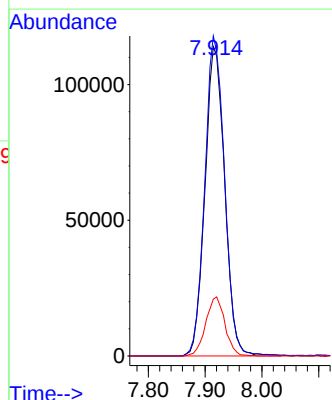
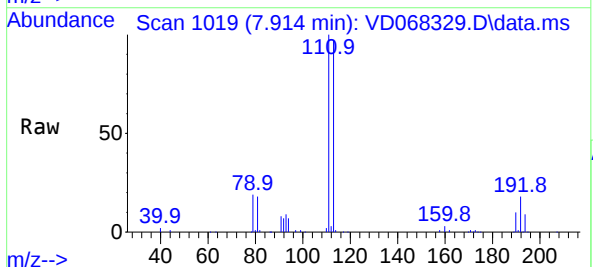


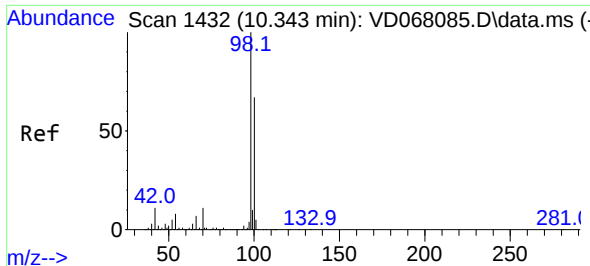
#35

Dibromofluoromethane
Concen: 53.31 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion:113 Resp: 274406

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.4	122.0
192	18.6	16.1	24.1

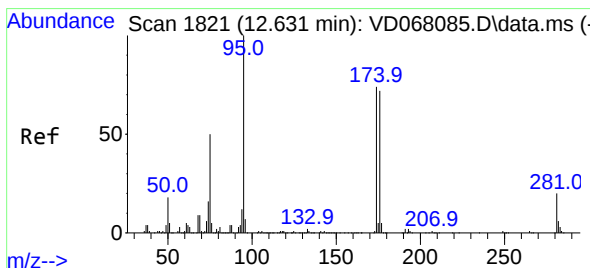
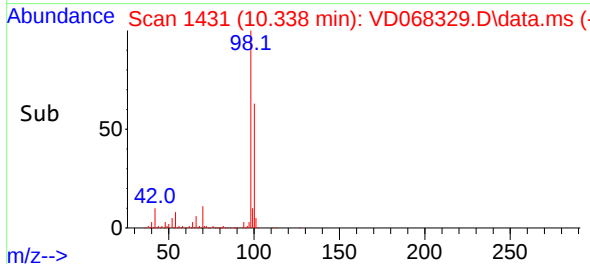
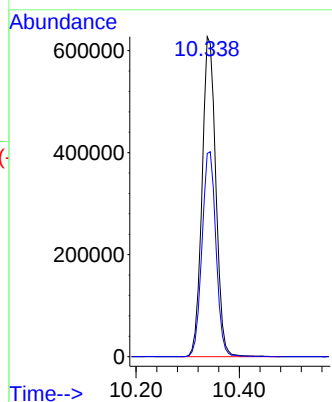
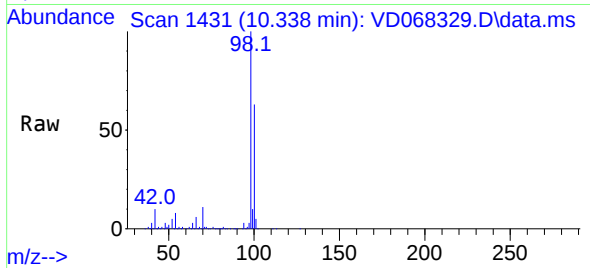




#50
Toluene-d8
Concen: 56.16 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

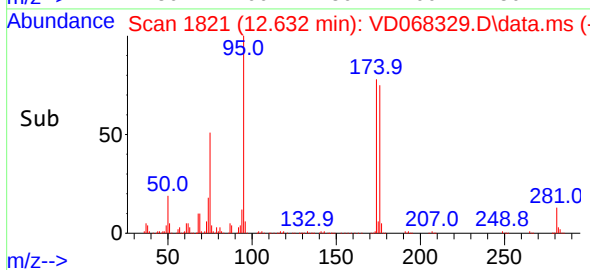
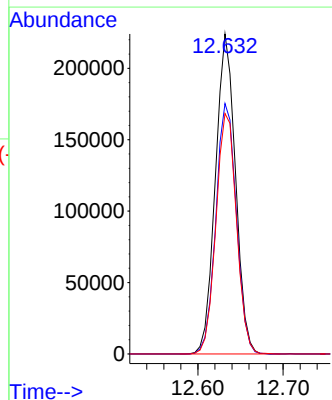
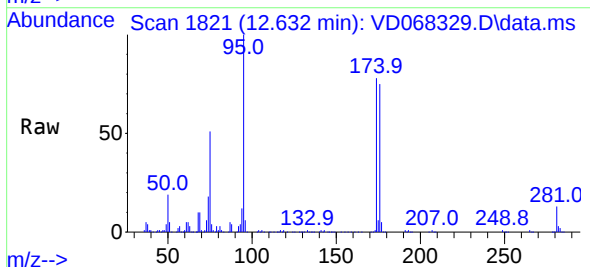
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

Tgt Ion: 98 Resp: 1156331
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion: 95 Resp: 367260
Ion Ratio Lower Upper
95 100
174 79.8 0.0 172.4
176 76.8 0.0 168.4



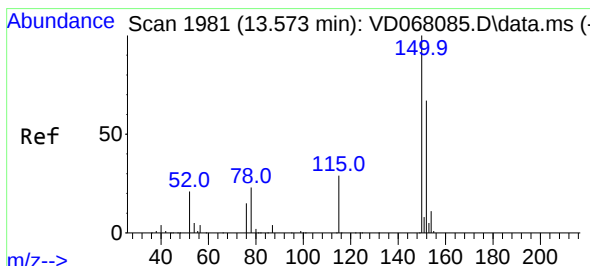
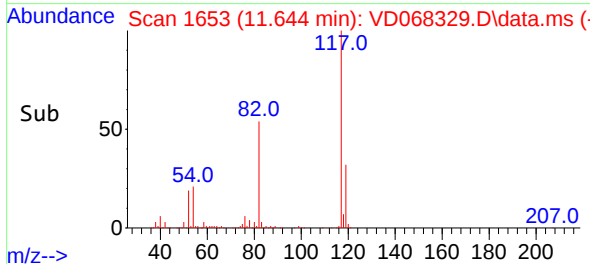
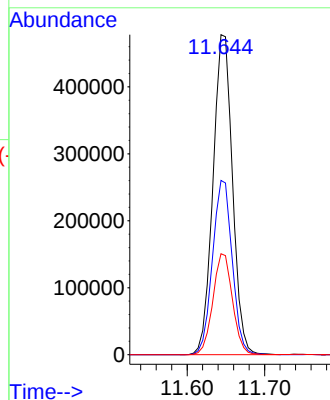
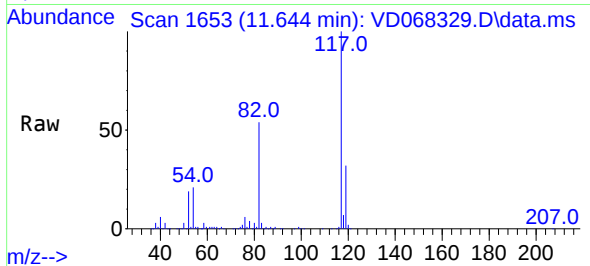


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBL01

Tgt Ion:117 Resp: 838975

Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.4	62.0
119	31.6	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: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion:152 Resp: 371186

Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.9	86.8
150	158.3	0.0	344.4

