

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068325.D
 Acq On : 08 Feb 2021 18:35
 Operator : VA/SY
 Sample : M1340-01
 Misc : 1.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26586

Quant Time: Feb 09 00:17:17 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	455765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	829596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	657459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	255467	58.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.18%
35) Dibromofluoromethane	7.920	113	253433	55.26	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.52%
50) Toluene-d8	10.344	98	945430	51.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.06%
62) 4-Bromofluorobenzene	12.632	95	273673	41.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.84%

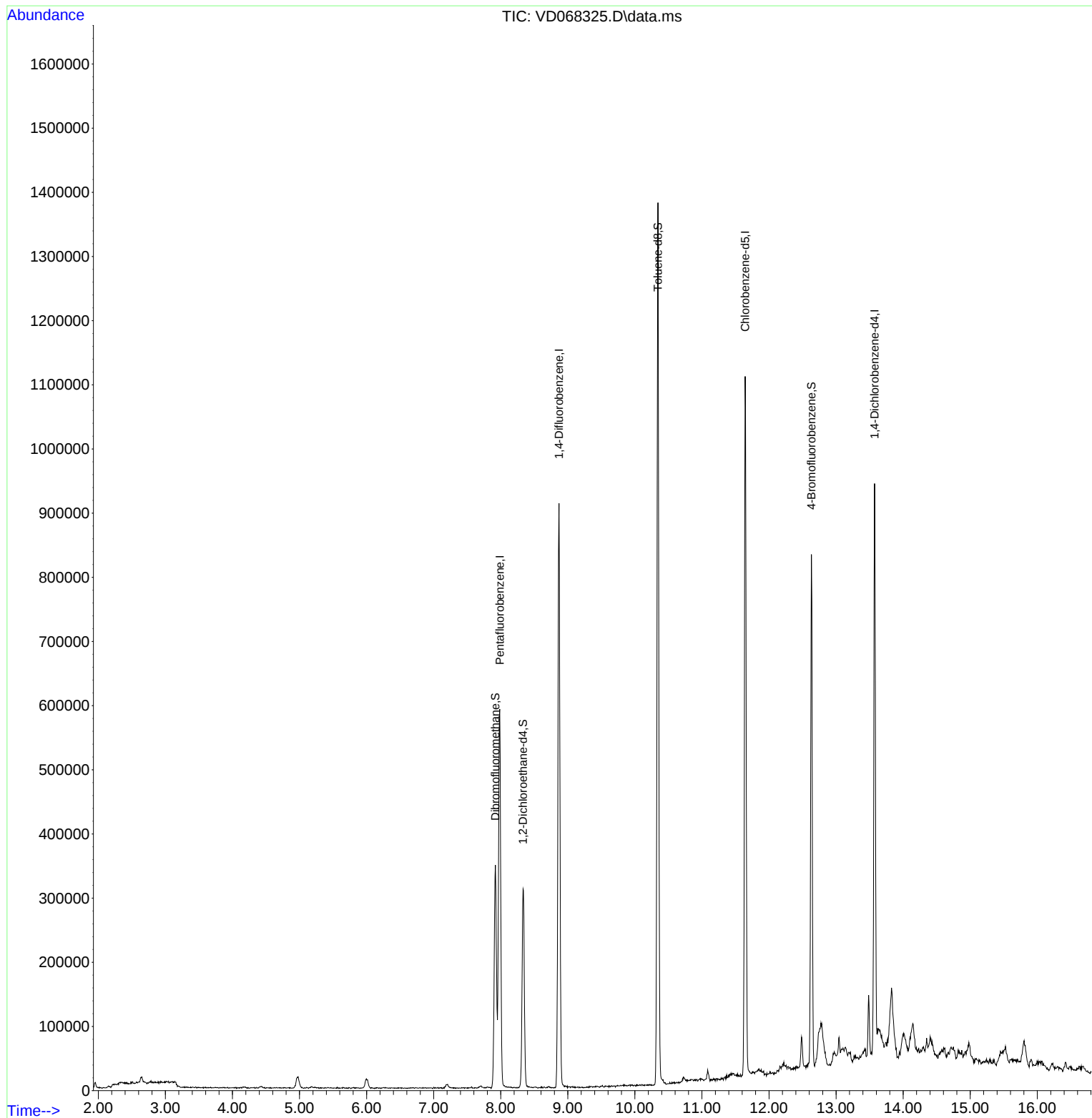
Target Compounds	Qvalue

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

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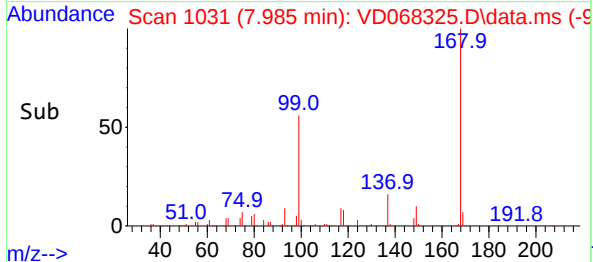
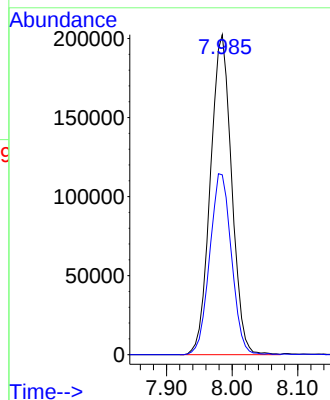
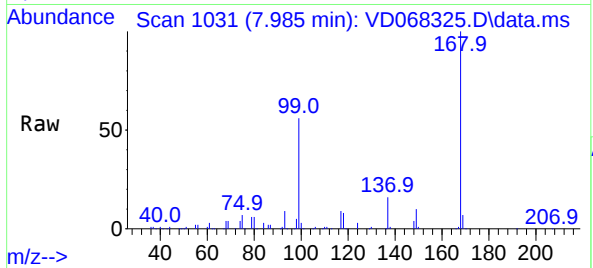




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

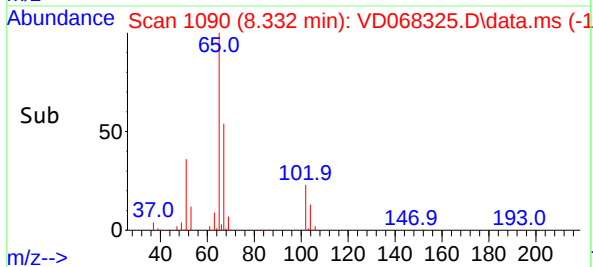
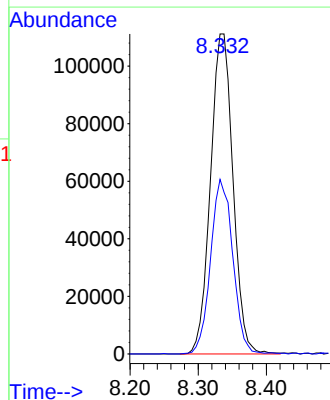
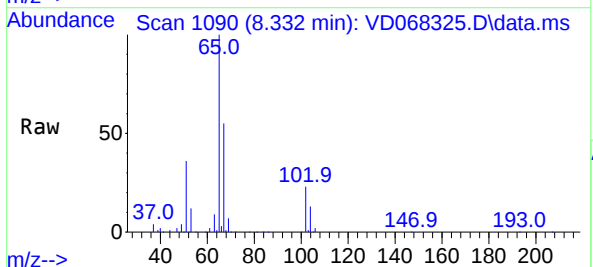
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26586

Tgt Ion:168 Resp: 455765
Ion Ratio Lower Upper
168 100
99 56.2 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 58.59 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion: 65 Resp: 255467
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0



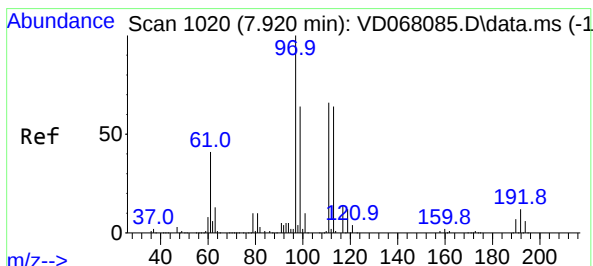
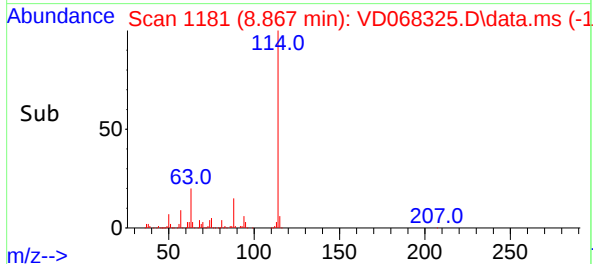
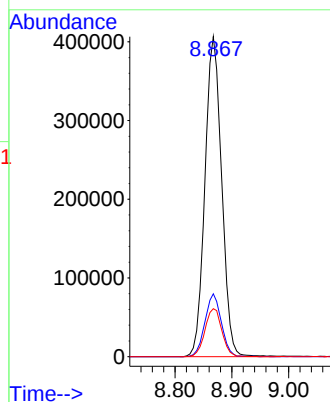
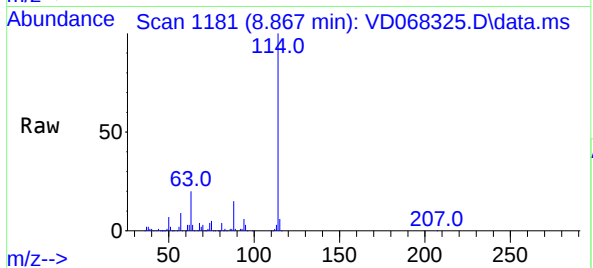


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26586

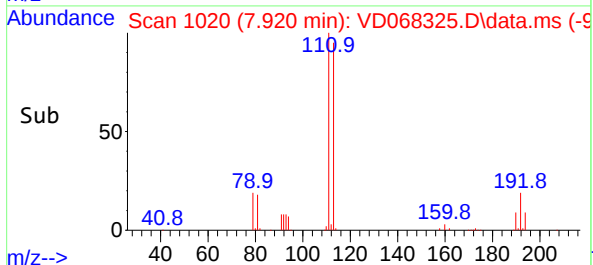
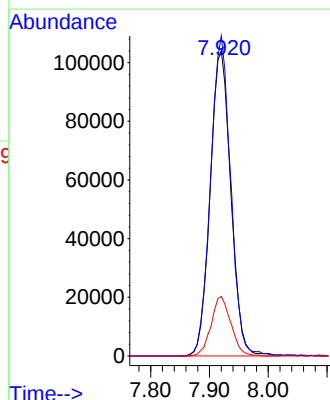
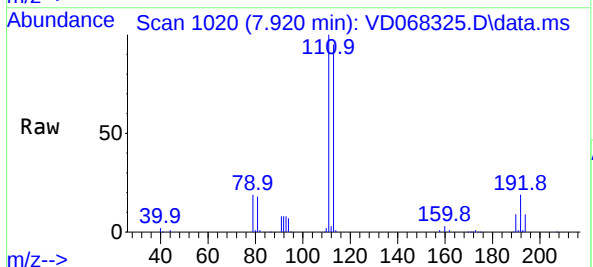
Tgt Ion:114 Resp: 829596
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 15.0 0.0 31.6

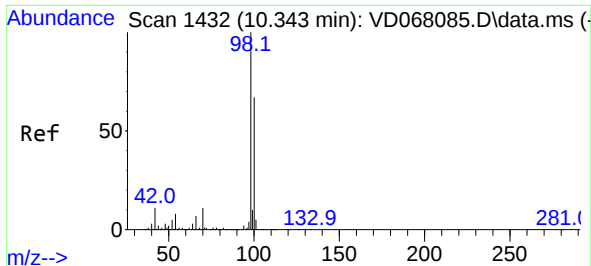


#35

Dibromofluoromethane
Concen: 55.26 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion:113 Resp: 253433
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 18.7 16.1 24.1

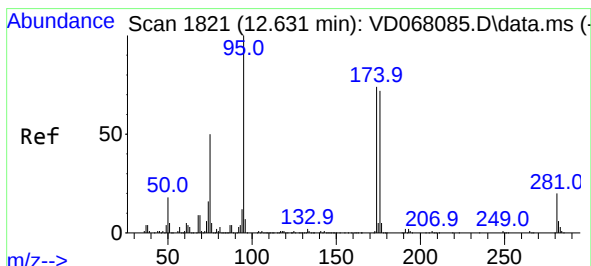
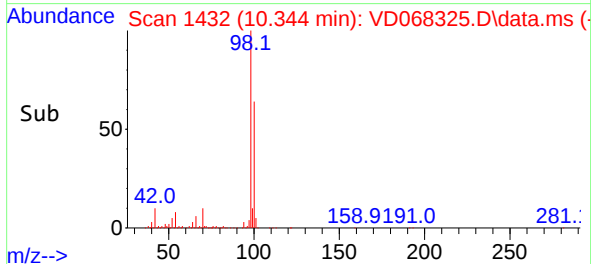
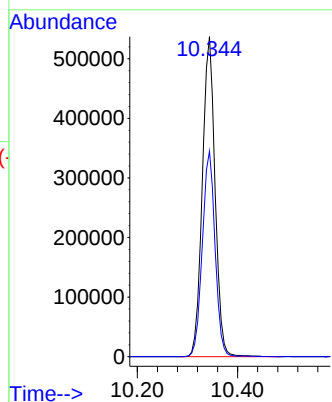
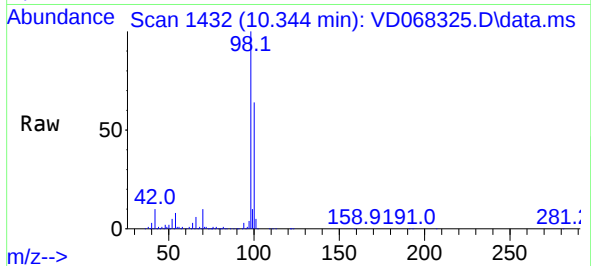




#50
Toluene-d8
Concen: 51.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

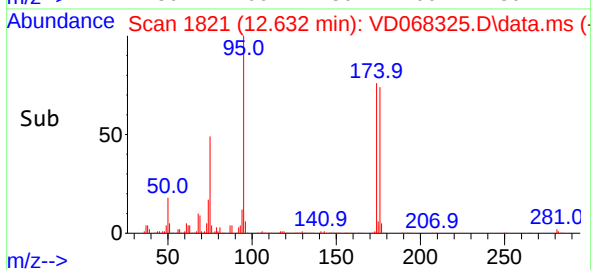
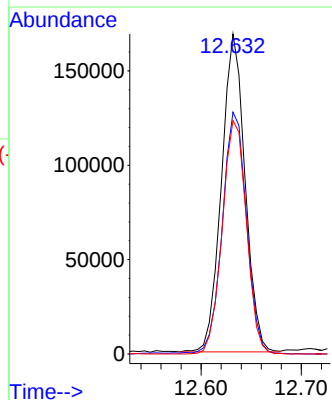
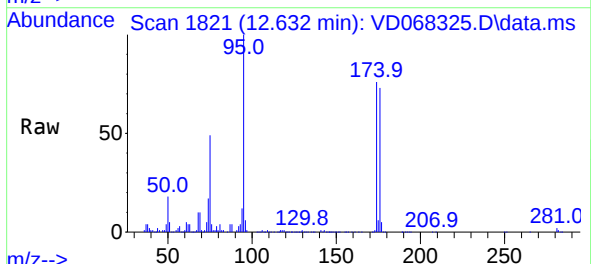
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26586

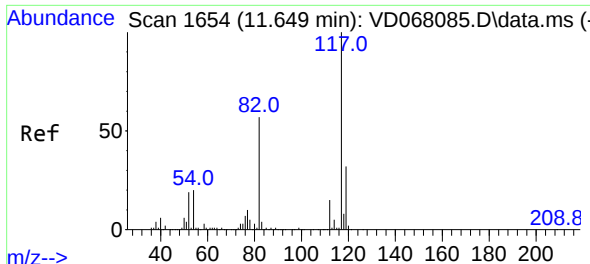
Tgt Ion: 98 Resp: 945430
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 41.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion: 95 Resp: 273673
Ion Ratio Lower Upper
95 100
174 78.6 0.0 172.4
176 75.3 0.0 168.4



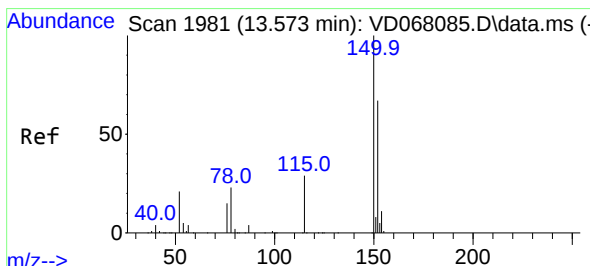
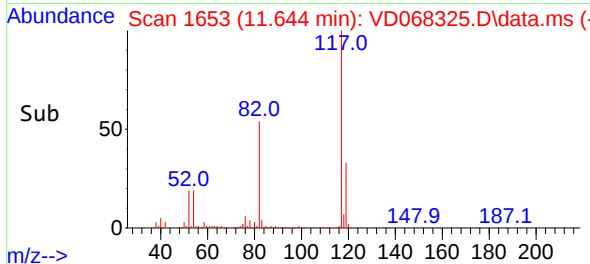
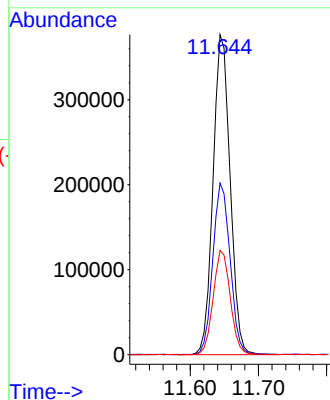
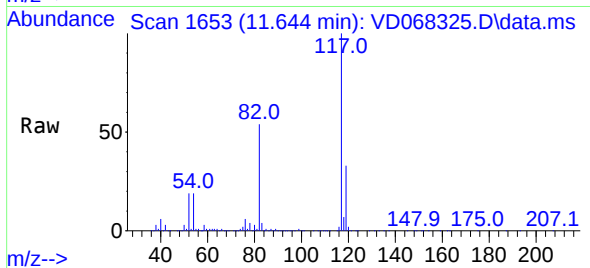


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26586

Tgt Ion:117 Resp: 657459

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.4	62.0
119	32.6	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: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion:152 Resp: 243210

Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.9	86.8
150	156.1	0.0	344.4

