

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068285.D
 Acq On : 04 Feb 2021 19:08
 Operator : VA/SY
 Sample : M1291-06
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-006-0205

Quant Time: Feb 05 00:06:13 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	473244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	879815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	799123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	349868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	272944	60.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.58%
35) Dibromofluoromethane	7.920	113	267383	54.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.94%
50) Toluene-d8	10.344	98	1106043	56.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.70%
62) 4-Bromofluorobenzene	12.632	95	357119	50.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.94%

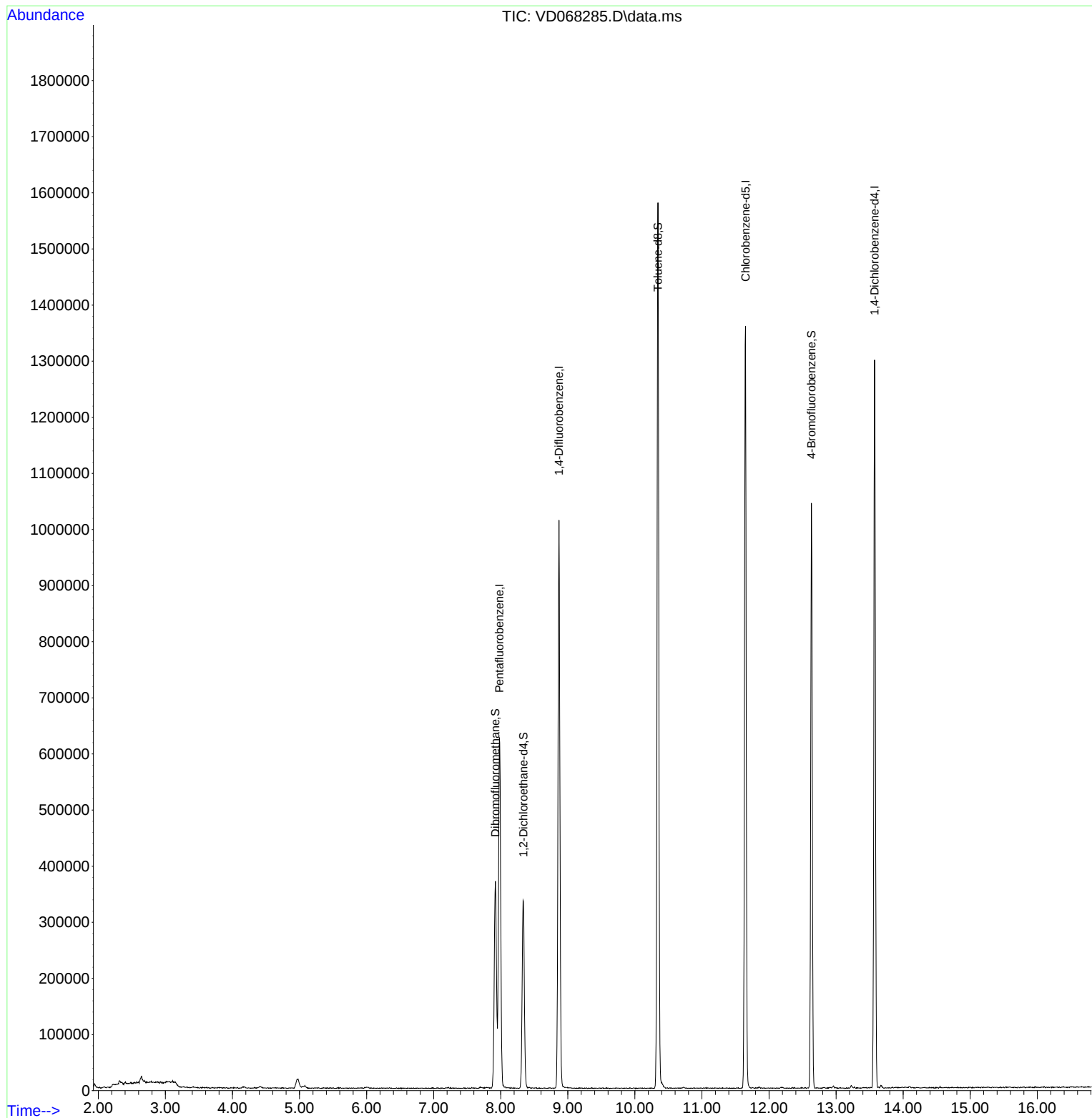
Target Compounds	Qvalue

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

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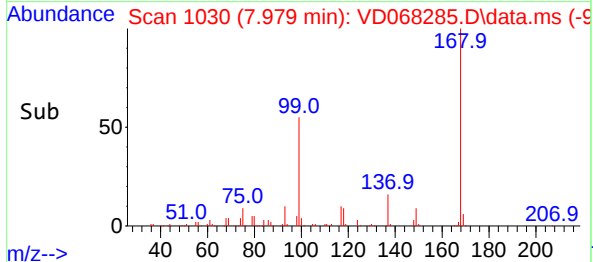
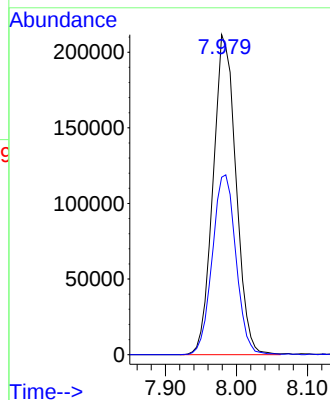
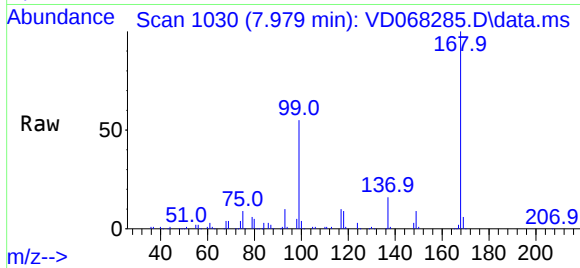




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

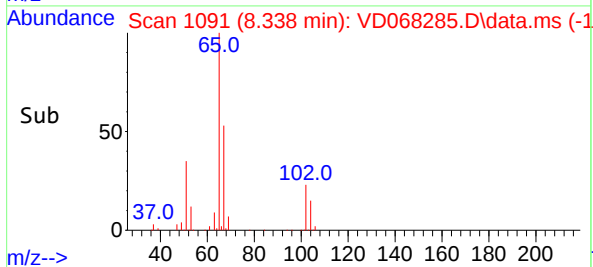
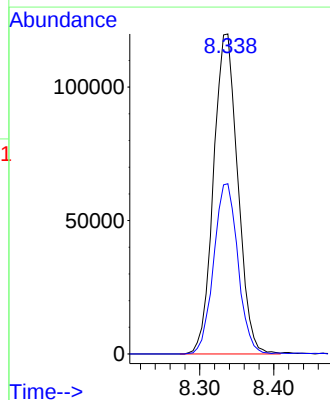
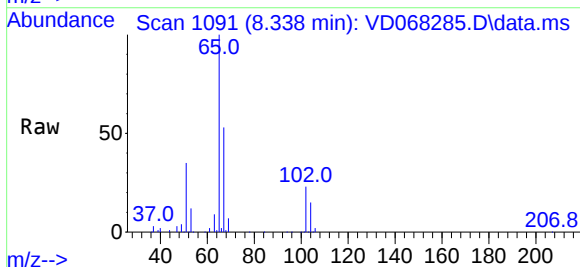
Instrument :
MSVOA_D
ClientSampleId :
OU421-006-0205

Tgt Ion:168 Resp: 473244
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 60.29 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion: 65 Resp: 272944
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



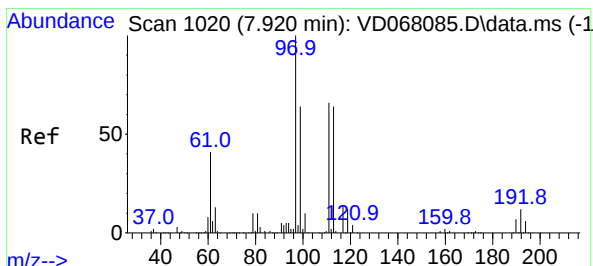
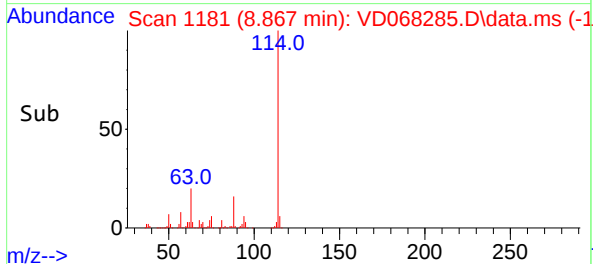
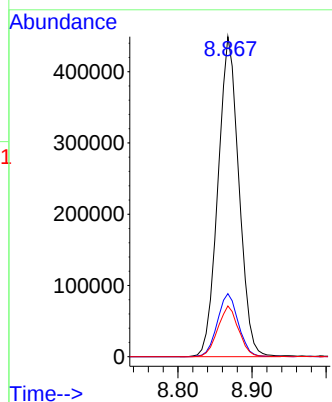
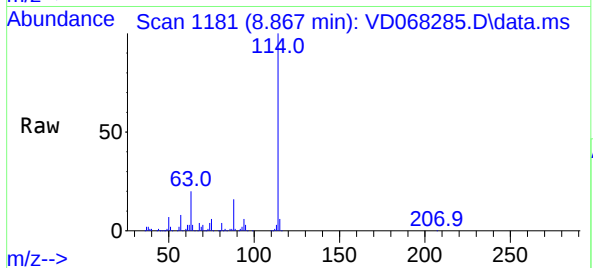


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Instrument :
MSVOA_D
ClientSampleId :
OU421-006-0205

Tgt Ion:114 Resp: 879815

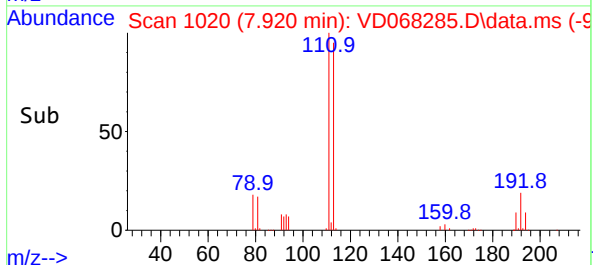
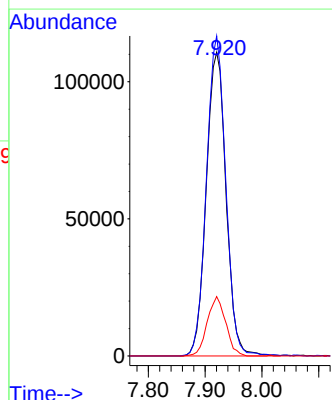
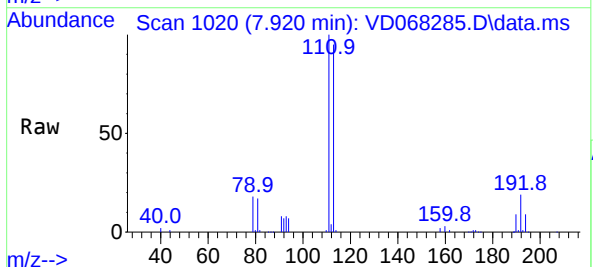
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	34.8
88	15.8	0.0	31.6

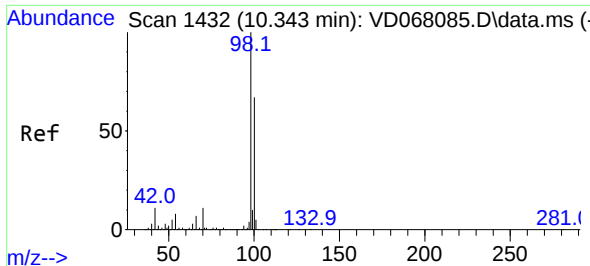


#35
Dibromofluoromethane
Concen: 54.97 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion:113 Resp: 267383

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	18.3	16.1	24.1

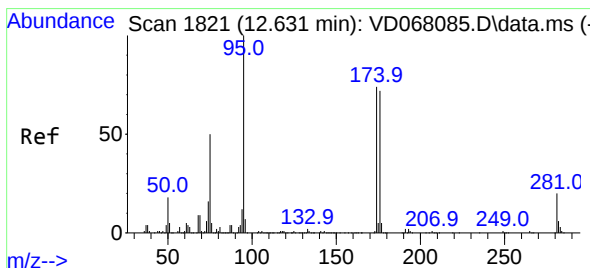
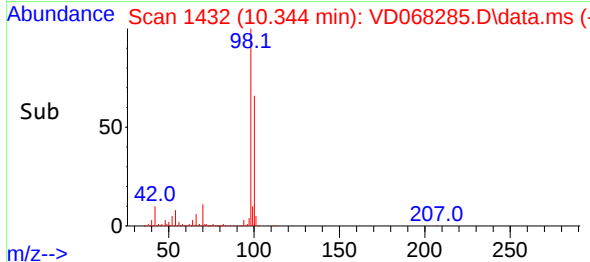
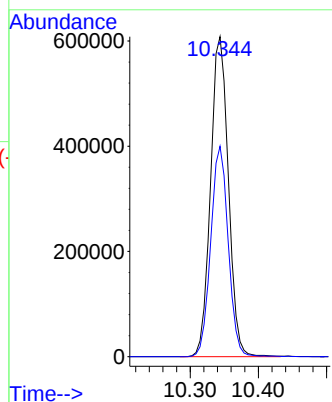
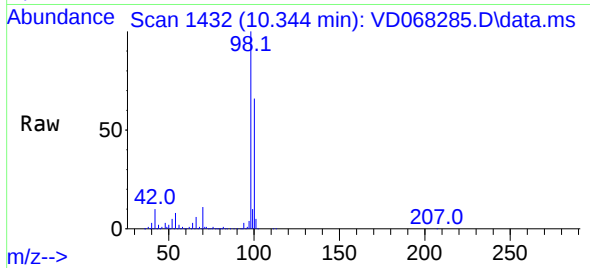




#50
Toluene-d8
Concen: 56.85 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

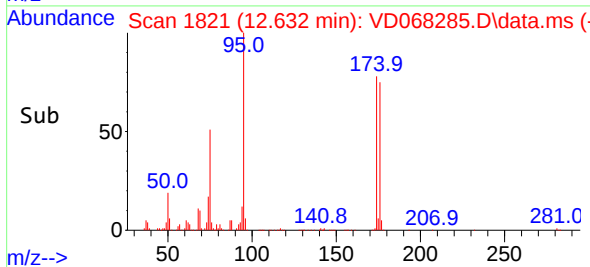
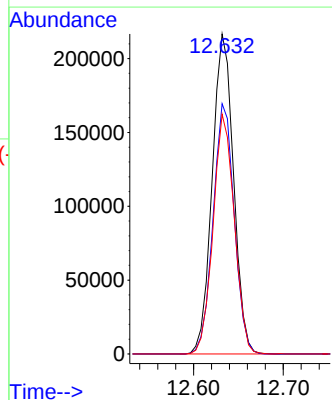
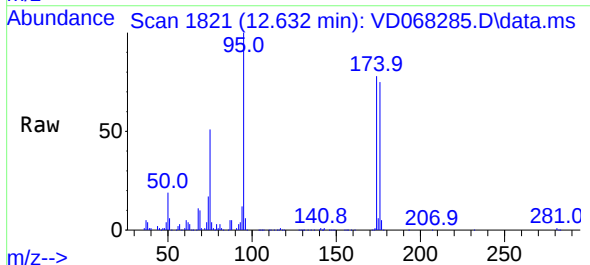
Instrument :
MSVOA_D
ClientSampleId :
OU421-006-0205

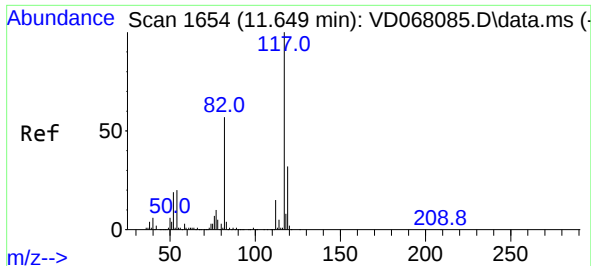
Tgt Ion: 98 Resp: 1106043
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion: 95 Resp: 357119
Ion Ratio Lower Upper
95 100
174 77.6 0.0 172.4
176 74.4 0.0 168.4

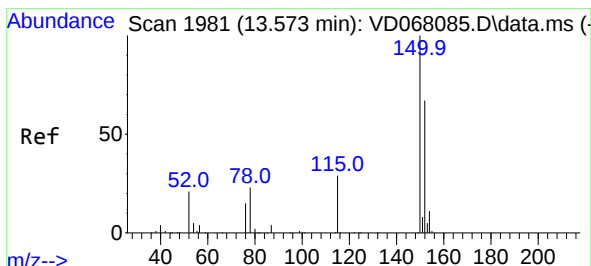
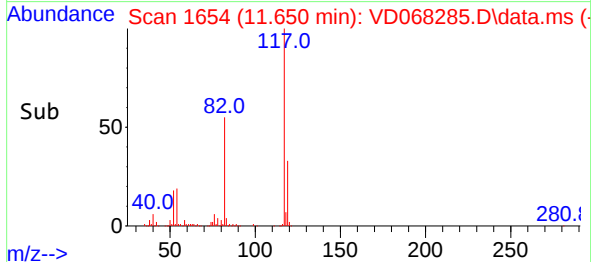
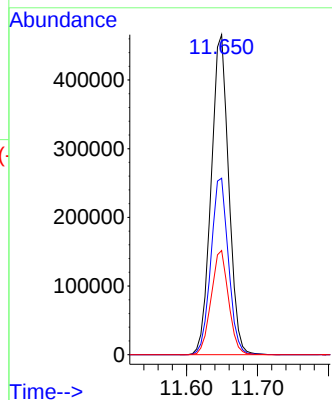
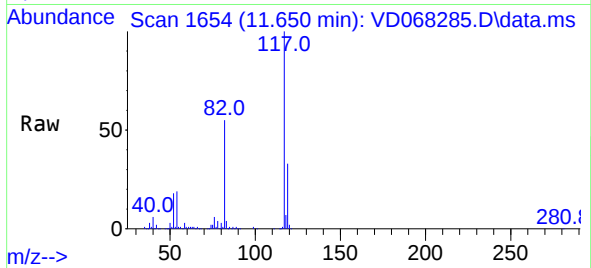




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Instrument :
MSVOA_D
ClientSampleId :
OU421-006-0205

Tgt Ion:	117	Resp:	799123
Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.4	62.0
119	32.5	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: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion:	152	Resp:	349868
Ion	Ratio	Lower	Upper
152	100		
115	60.7	28.9	86.8
150	158.2	0.0	344.4

