

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068266.D
 Acq On : 03 Feb 2021 16:50
 Operator : VA/SY
 Sample : M1292-10
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-009-0205

Quant Time: Feb 03 23:43:25 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	432751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	797607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	732742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	323205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	254158	61.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.78%
35) Dibromofluoromethane	7.920	113	241931	54.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.72%
50) Toluene-d8	10.344	98	998589	56.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.22%
62) 4-Bromofluorobenzene	12.632	95	326749	51.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.88%

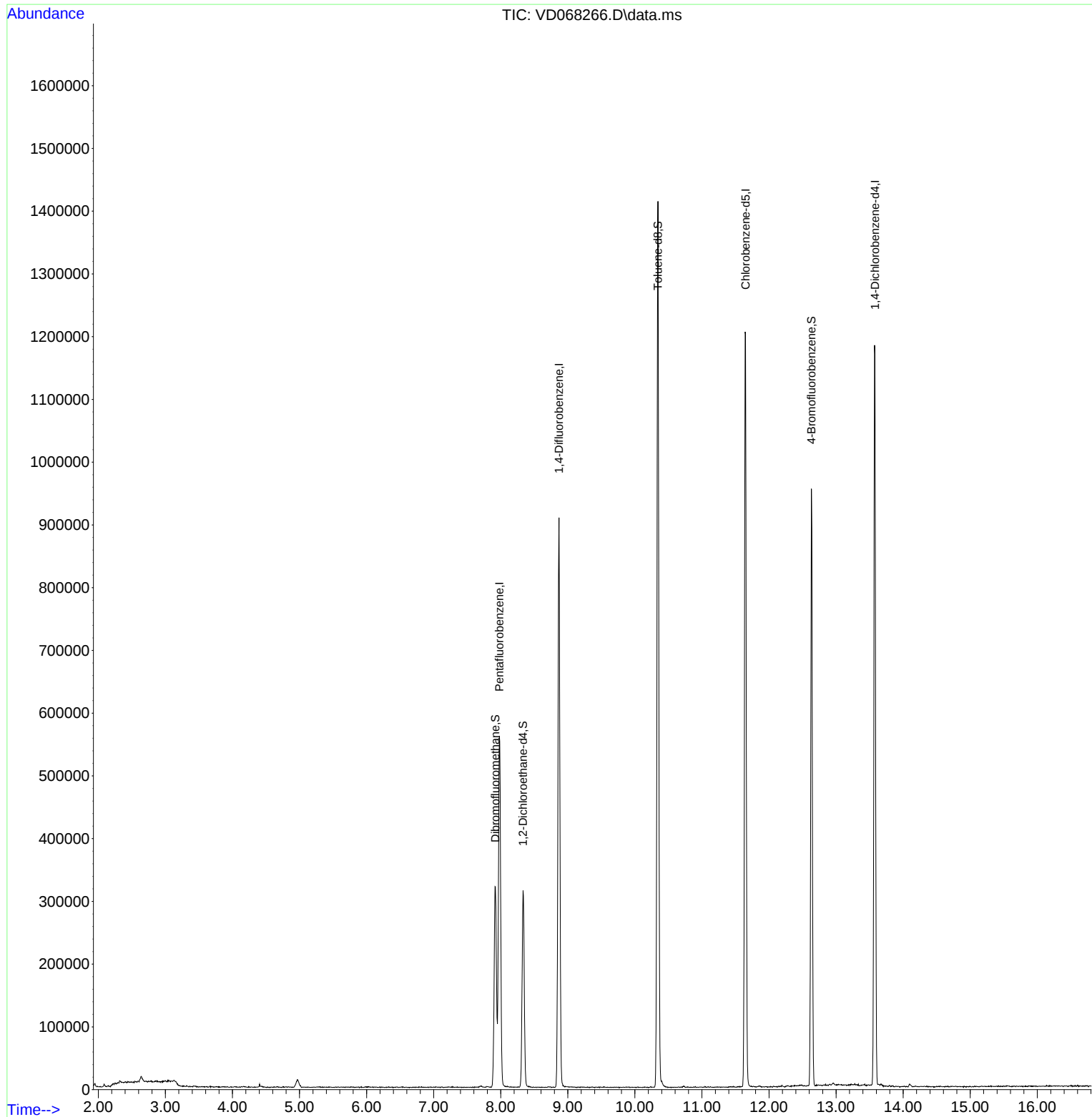
Target Compounds	Qvalue

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

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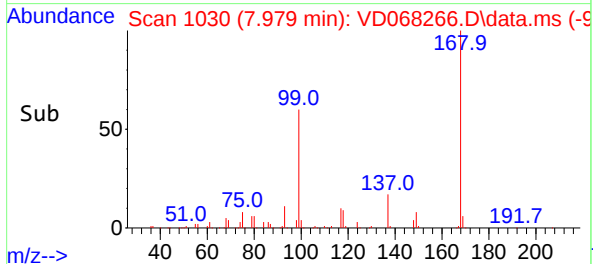
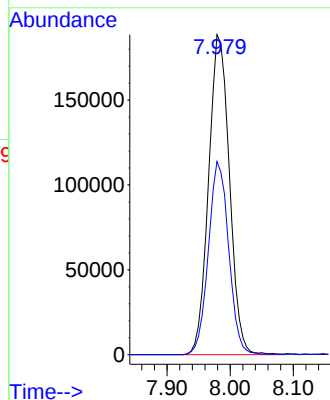
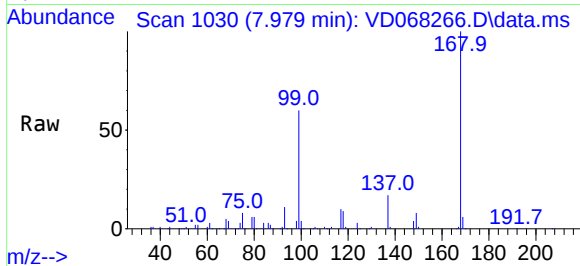




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

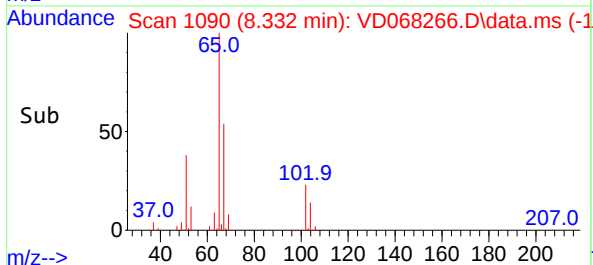
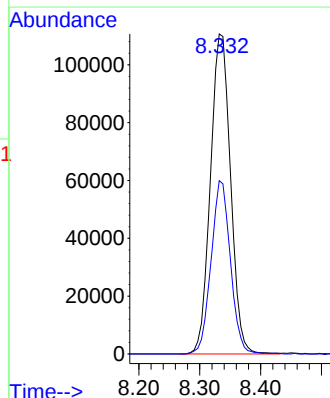
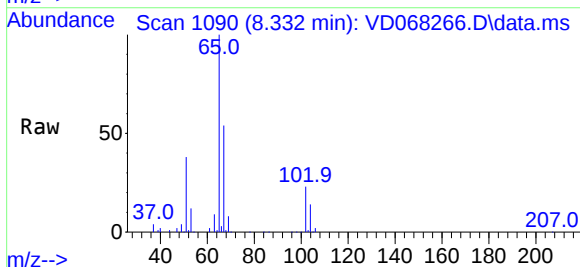
Instrument :
MSVOA_D
ClientSampleId :
OU421-009-0205

Tgt Ion:168 Resp: 432751
Ion Ratio Lower Upper
168 100
99 60.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 61.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Tgt Ion: 65 Resp: 254158
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



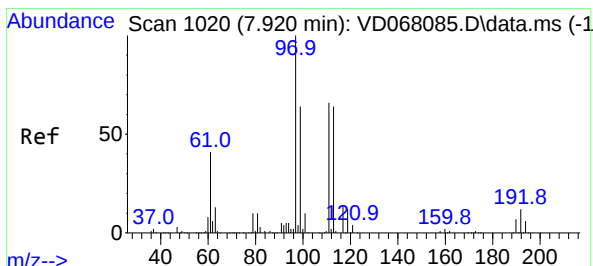
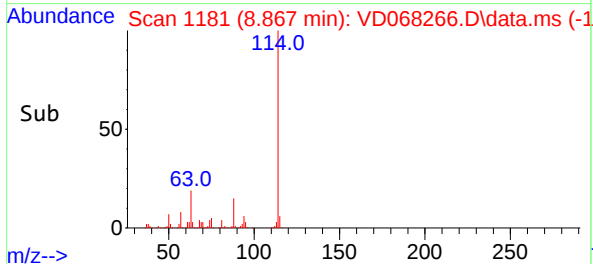
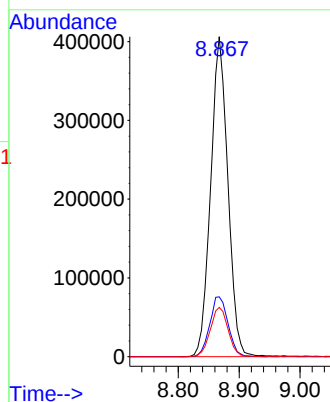
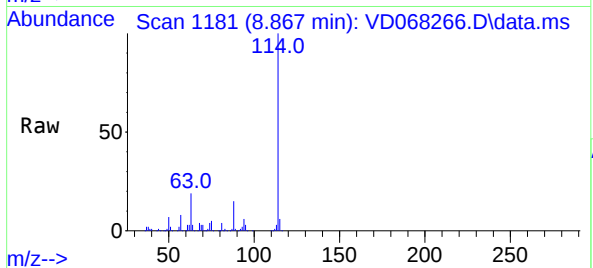


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
OU421-009-0205

Tgt Ion:114 Resp: 797607

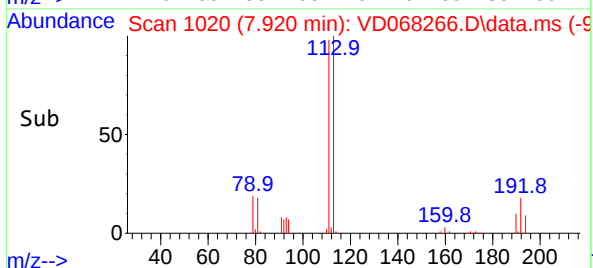
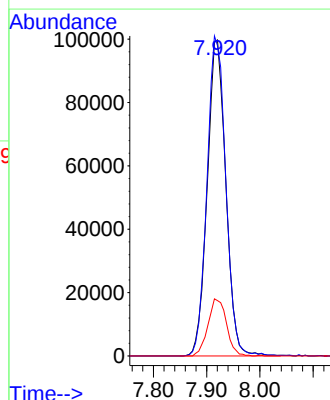
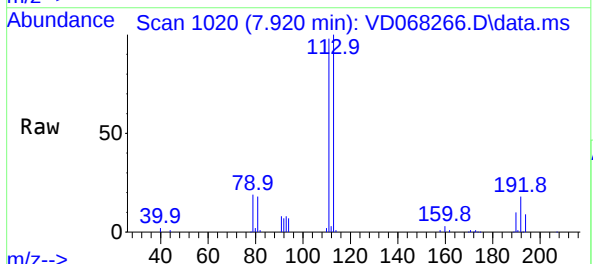
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	34.8
88	15.4	0.0	31.6

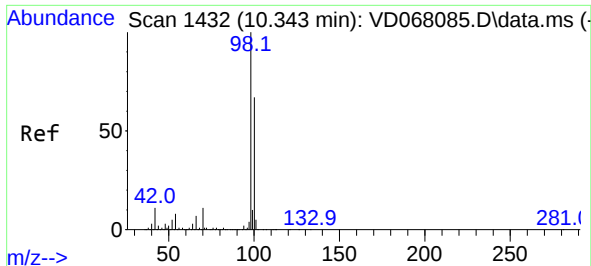


#35
Dibromofluoromethane
Concen: 54.86 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Tgt Ion:113 Resp: 241931

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	18.0	16.1	24.1

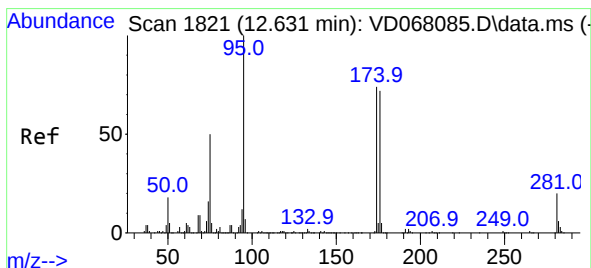
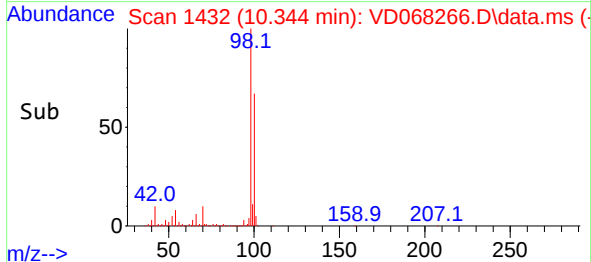
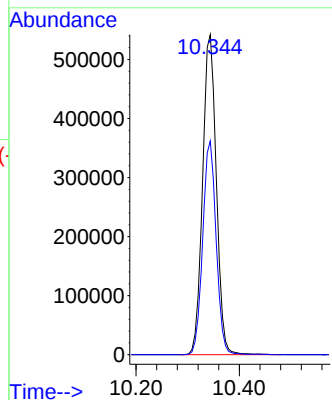
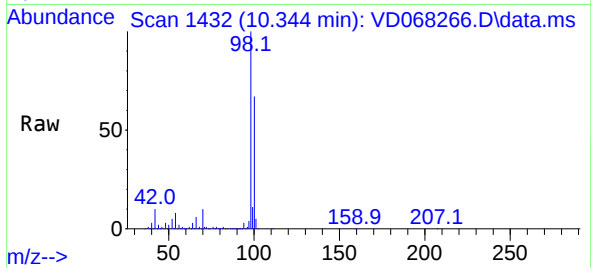




#50
Toluene-d8
Concen: 56.61 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

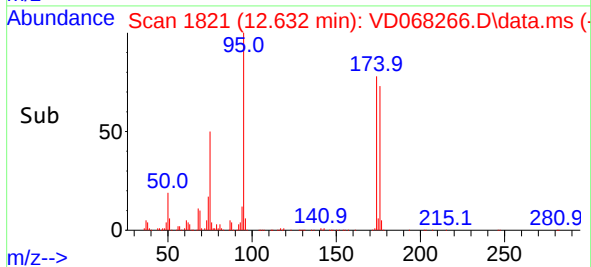
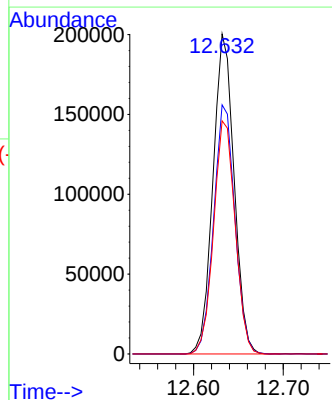
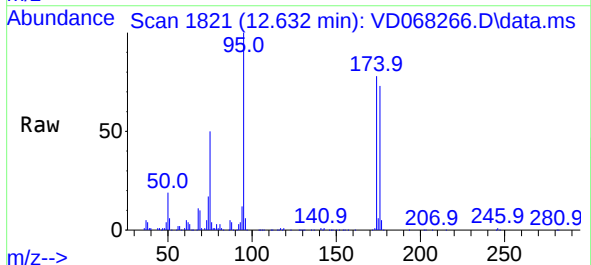
Instrument :
MSVOA_D
ClientSampleId :
OU421-009-0205

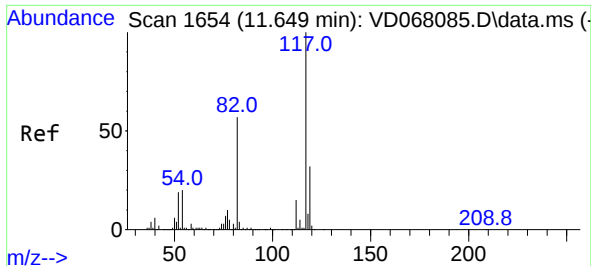
Tgt Ion: 98 Resp: 998589
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Tgt Ion: 95 Resp: 326749
Ion Ratio Lower Upper
95 100
174 78.4 0.0 172.4
176 74.4 0.0 168.4

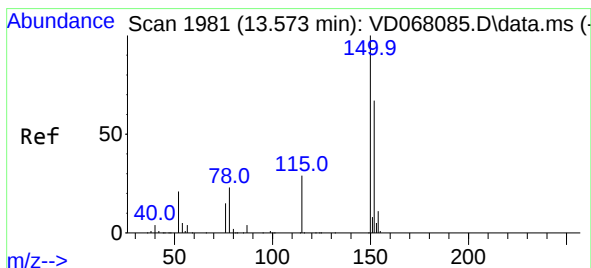
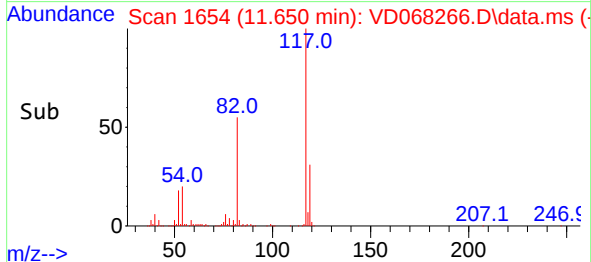
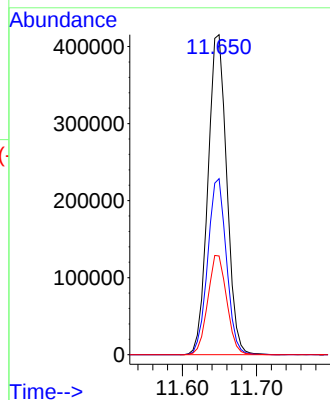
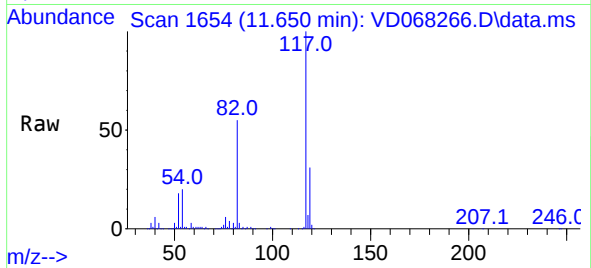




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
OU421-009-0205

Tgt Ion:	117	Resp:	732742
Ion	Ratio	Lower	Upper
117	100		
82	55.0	41.4	62.0
119	30.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Tgt Ion:	152	Resp:	323205
Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.9	86.8
150	158.7	0.0	344.4

