

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068141.D
 Acq On : 21 Jan 2021 19:03
 Operator : VA/SY
 Sample : M1206-02
 Misc : 8.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-009-A

Quant Time: Jan 22 00:12:07 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	552093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	954339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	834236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	319517	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	270737	51.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.52%
35) Dibromofluoromethane	7.920	113	273212	51.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.56%
50) Toluene-d8	10.344	98	1166701	55.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.56%
62) 4-Bromofluorobenzene	12.632	95	364186	47.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.84%

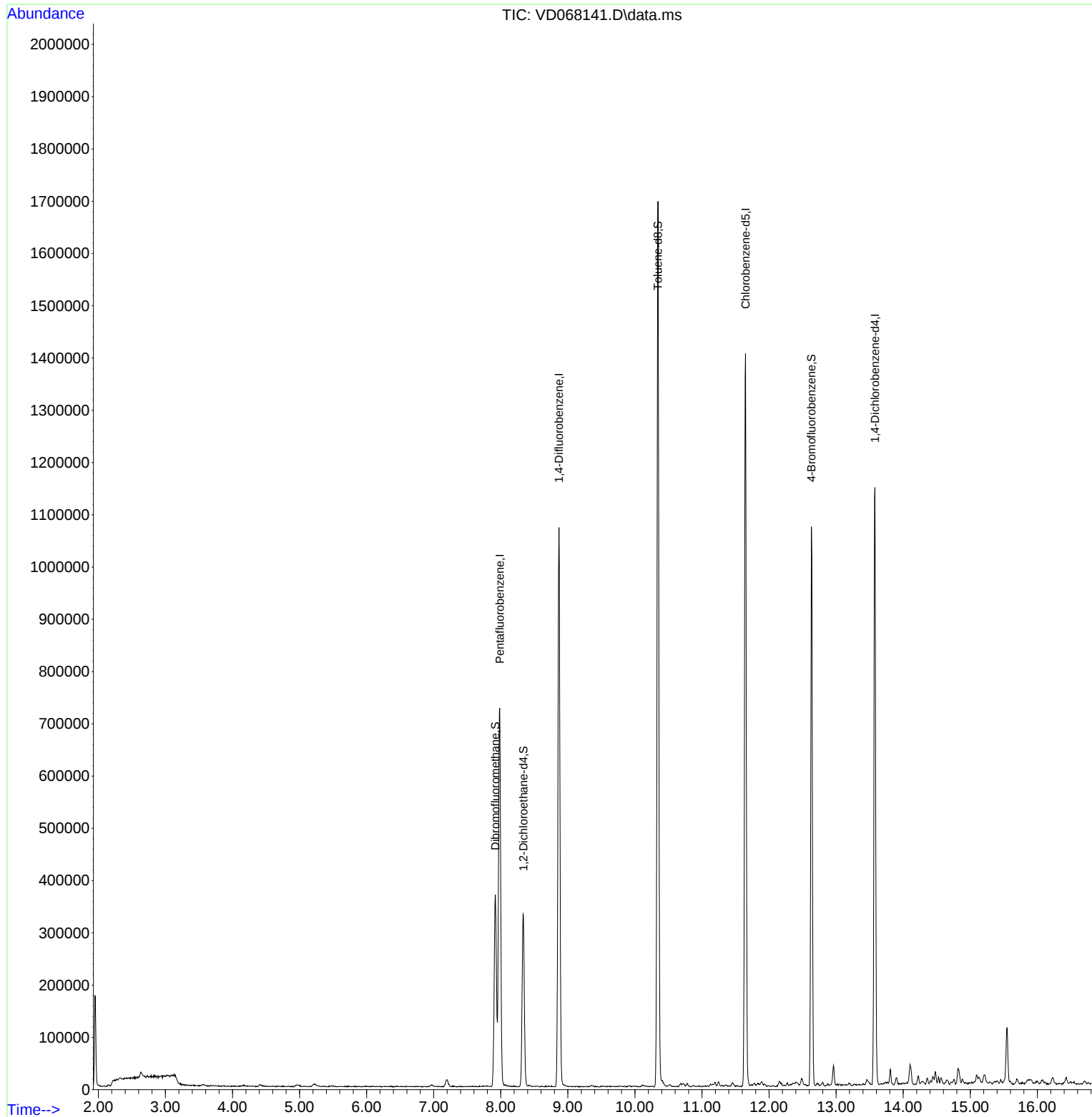
Target Compounds	Qvalue

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

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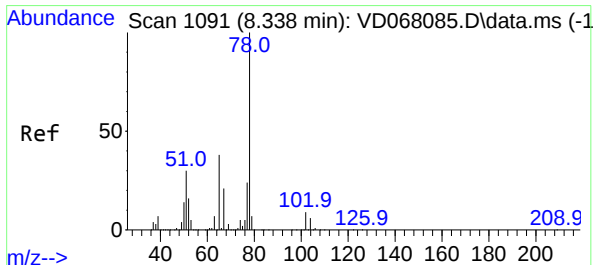
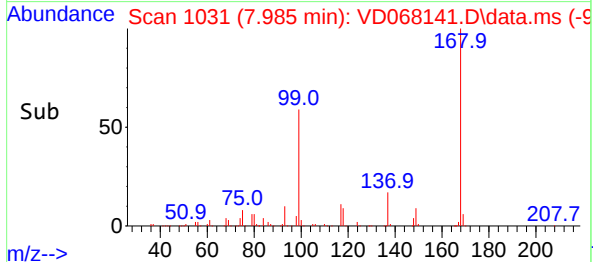
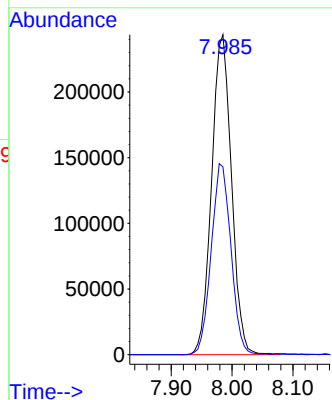
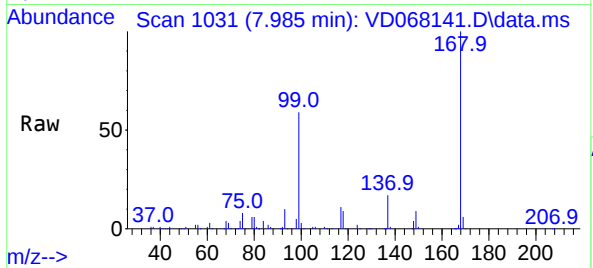




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

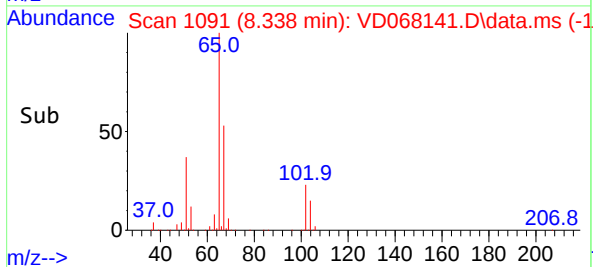
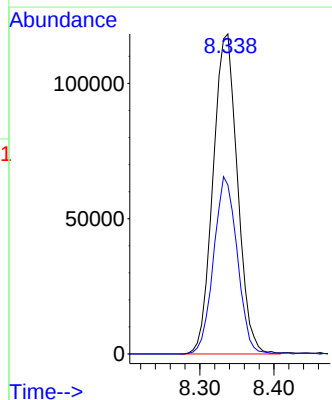
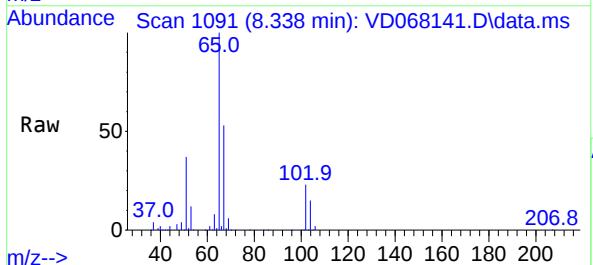
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A

Tgt Ion:168 Resp: 552093
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 51.26 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion: 65 Resp: 270737
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



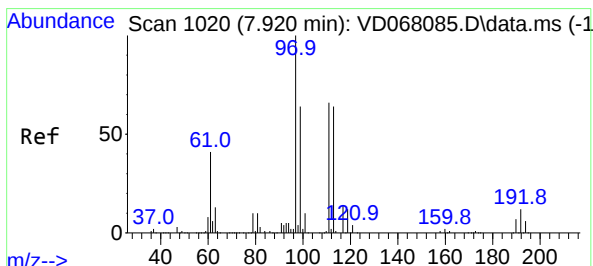
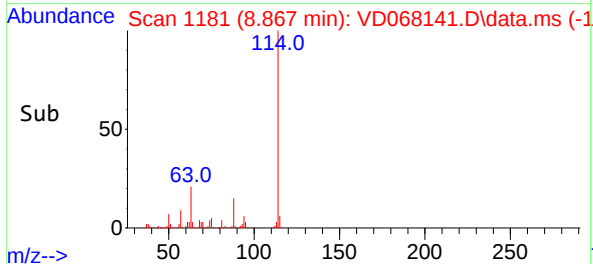
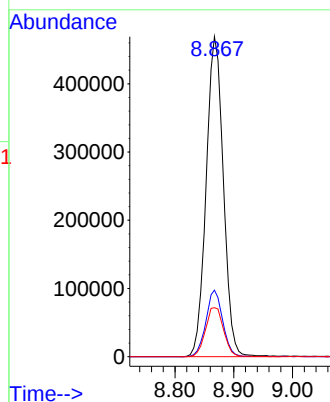
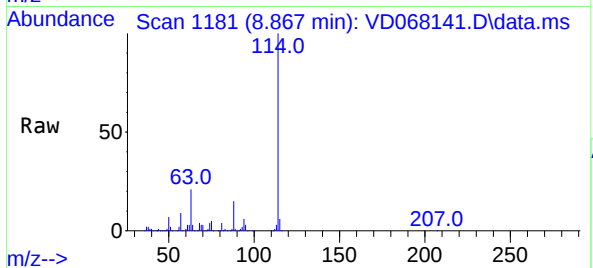


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A

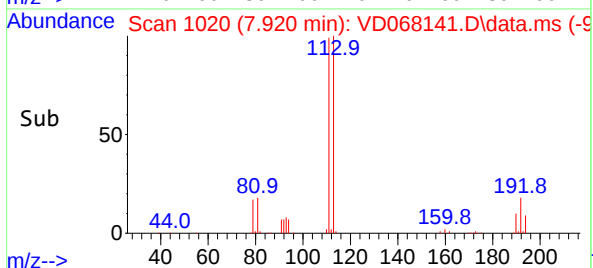
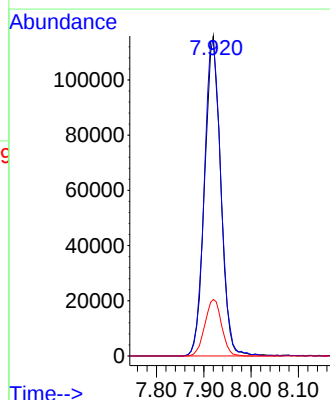
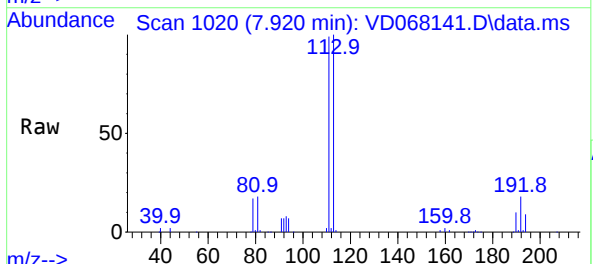
Tgt Ion:	114	Resp:	954339
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	34.8
88	15.3	0.0	31.6

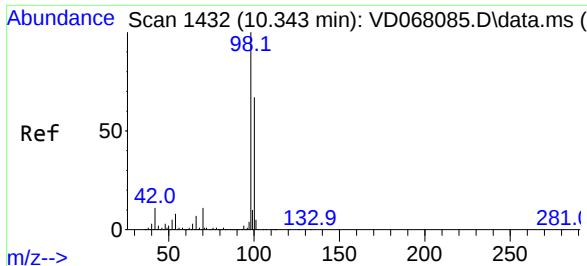


#35

Dibromofluoromethane
Concen: 51.78 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion:	113	Resp:	273212
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	18.4	16.1	24.1

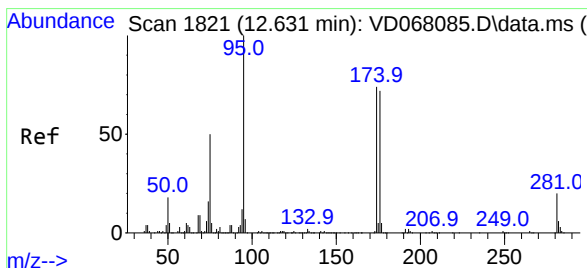
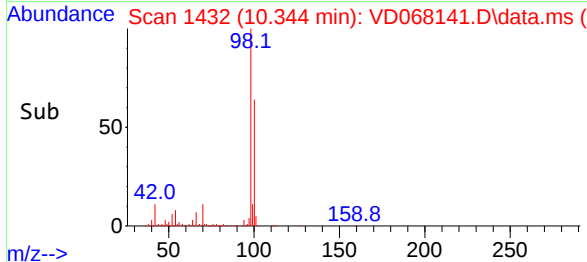
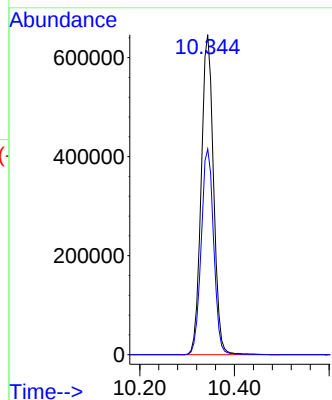
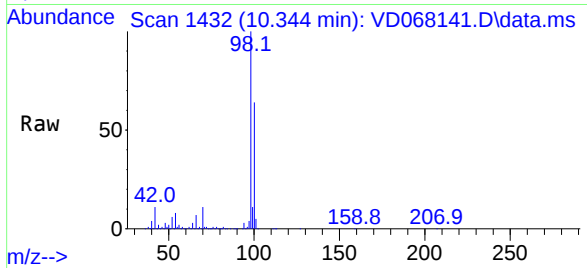




#50
Toluene-d8
Concen: 55.28 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

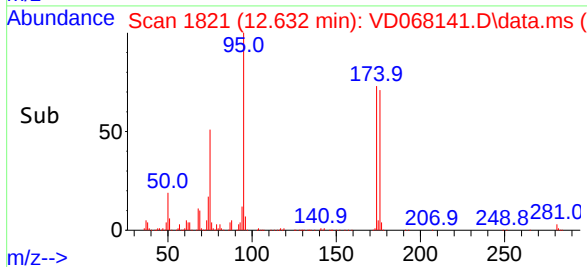
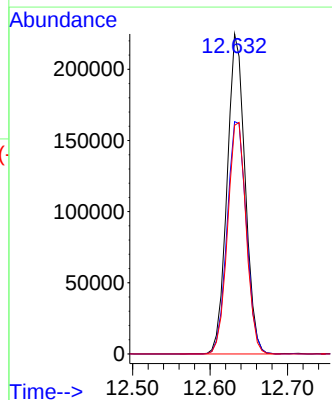
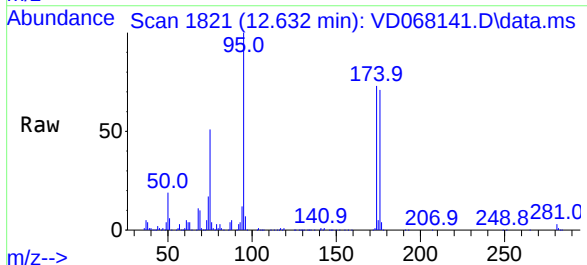
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A

Tgt Ion: 98 Resp: 1166701
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion: 95 Resp: 364186
Ion Ratio Lower Upper
95 100
174 77.4 0.0 172.4
176 74.4 0.0 168.4

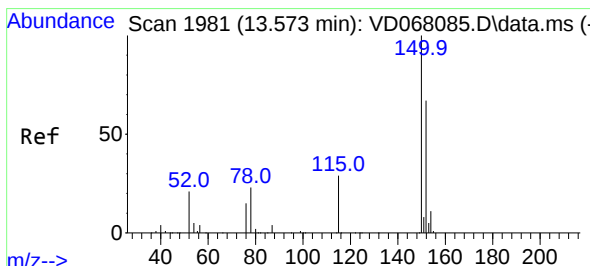
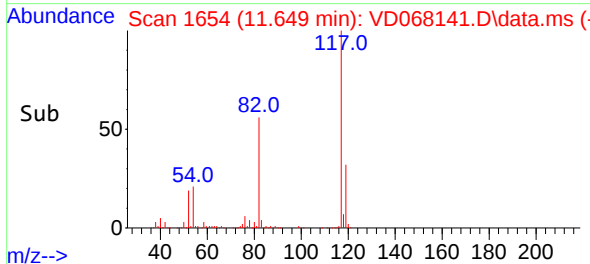
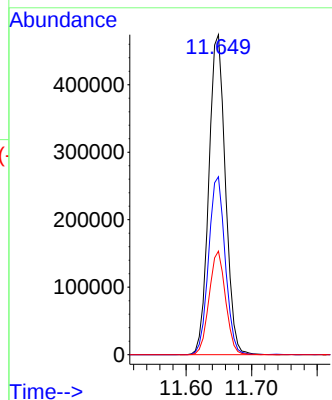
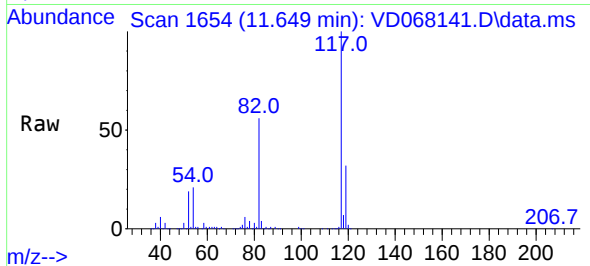




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068141.D
Acq: 21 Jan 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-009-A

Tgt Ion:117 Resp: 834236
Ion Ratio Lower Upper
117 100
82 55.5 41.4 62.0
119 32.4 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: VD068141.D
Acq: 21 Jan 2021 19:03

Tgt Ion:152 Resp: 319517
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 157.2 0.0 344.4

