

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073398.D
 Acq On : 26 May 2022 19:56
 Operator : VA/SY
 Sample : N3072-05
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124030

Quant Time: May 27 01:34:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	327662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	575996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	628697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	320547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170258	47.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.040%
35) Dibromofluoromethane	7.909	113	187819	49.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.332	98	708650	50.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.620	95	308381	62.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.440%

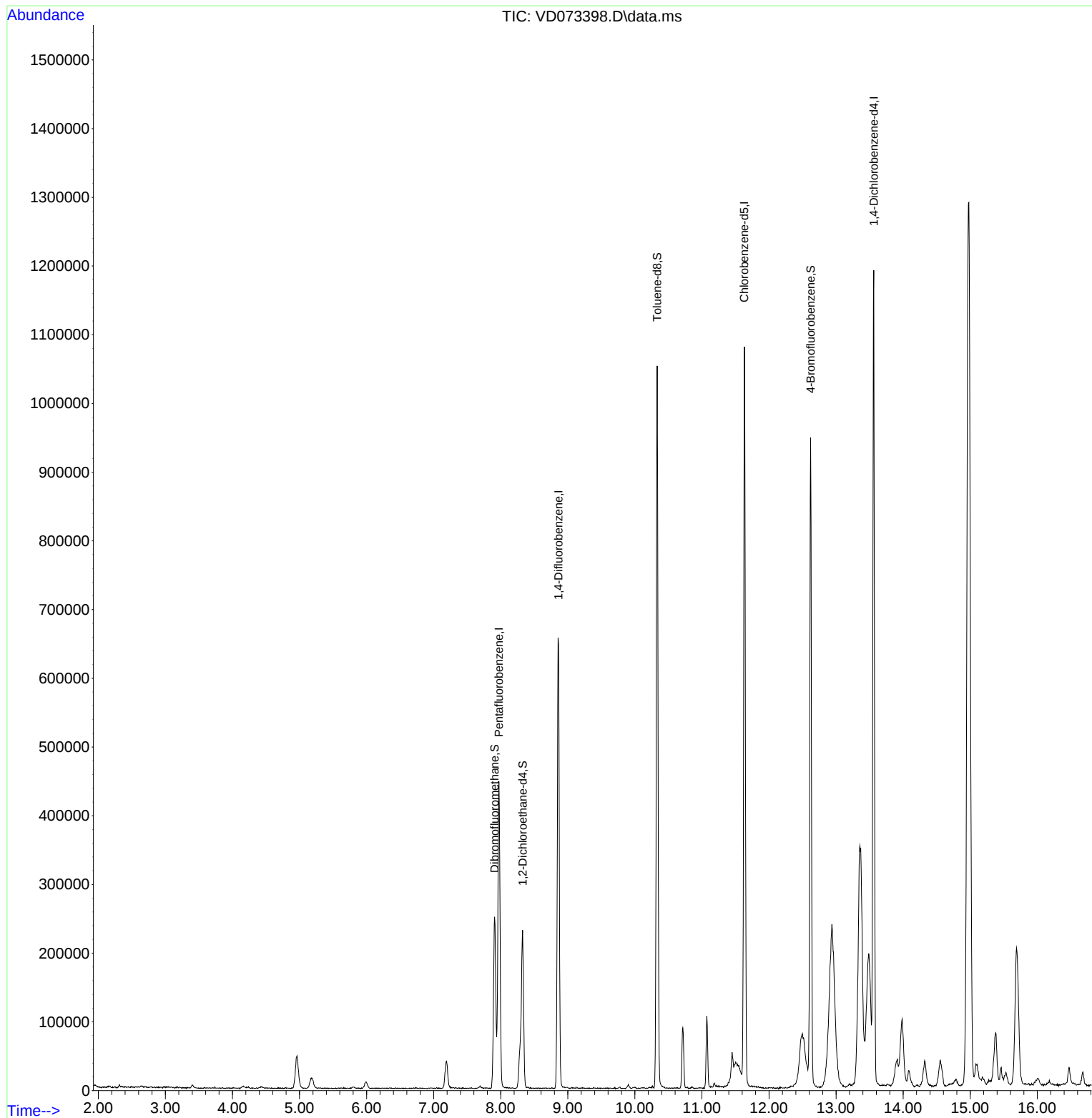
Target Compounds	Qvalue

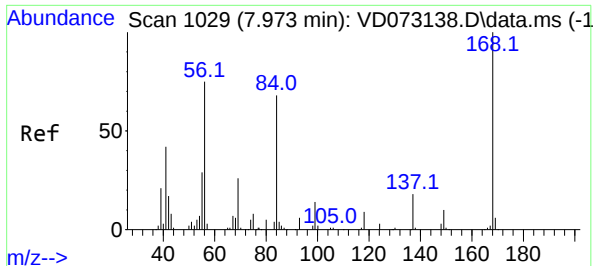
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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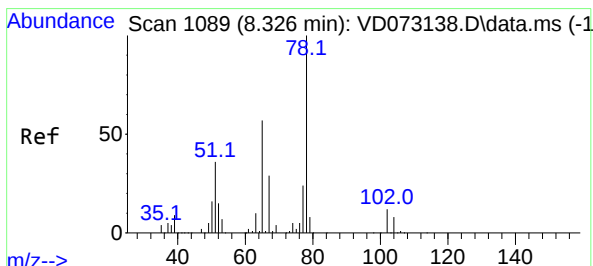
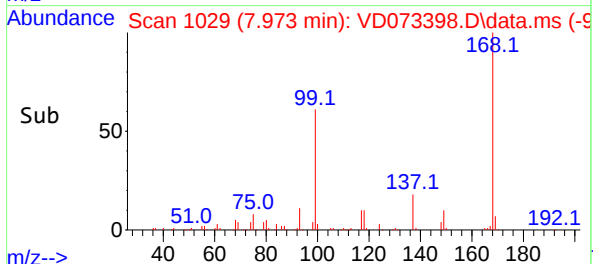
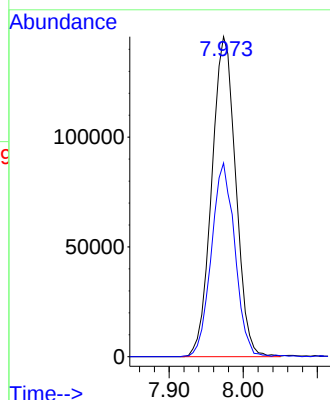
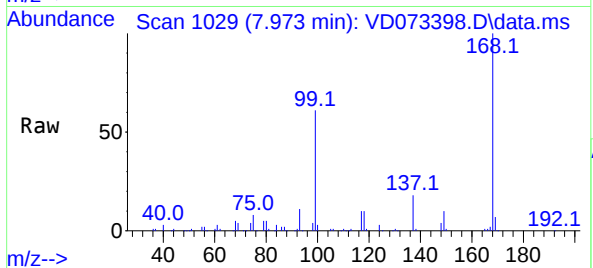




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073398.D
Acq: 26 May 2022 19:56

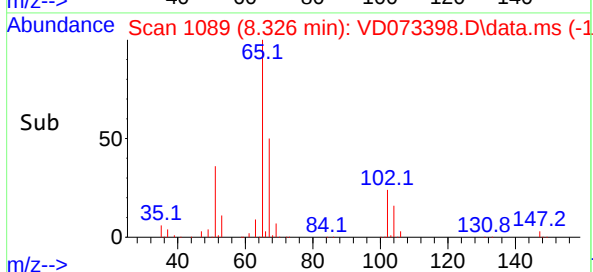
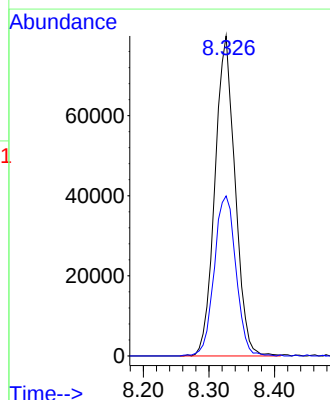
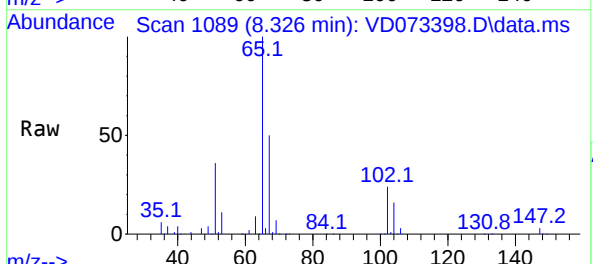
Instrument :
MSVOA_D
ClientSampleId :
PSC-124030

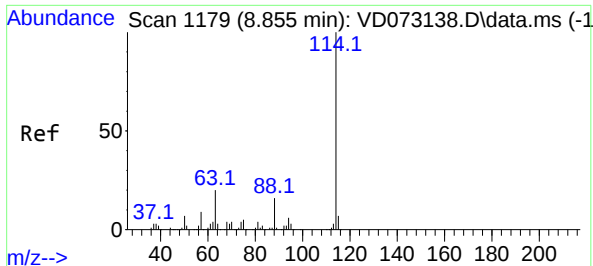
Tgt Ion:168 Resp: 327662
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.018 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073398.D
Acq: 26 May 2022 19:56

Tgt Ion: 65 Resp: 170258
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.4



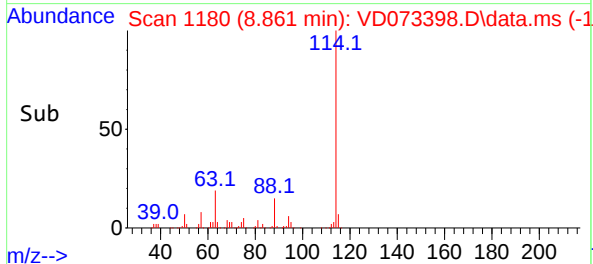
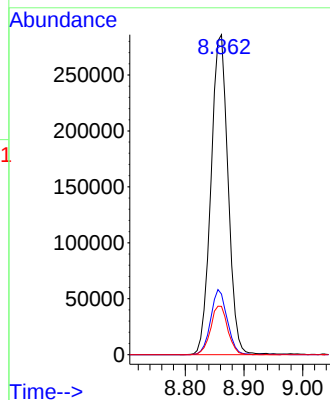
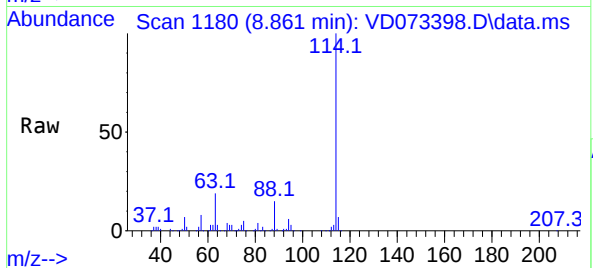


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073398.D
Acq: 26 May 2022 19:56

Instrument :
MSVOA_D
ClientSampleId :
PSC-124030

Tgt Ion:114 Resp: 575996

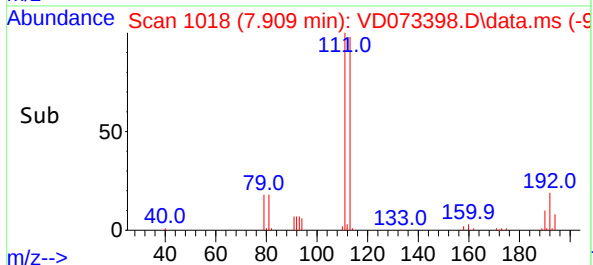
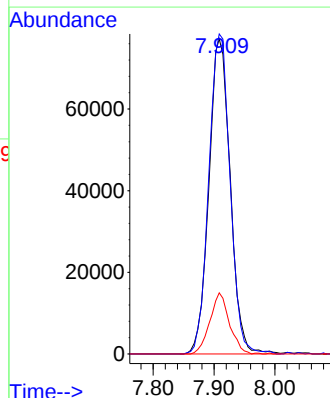
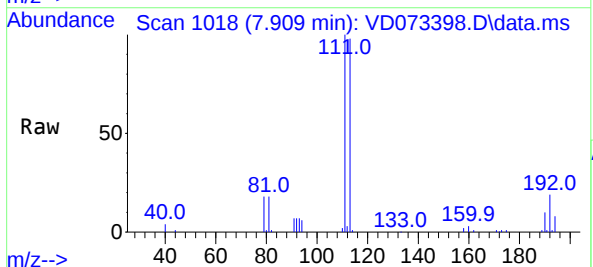
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	46.6
88	15.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073398.D
Acq: 26 May 2022 19:56

Tgt Ion:113 Resp: 187819

Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.8	125.6
192	17.8	14.6	21.8

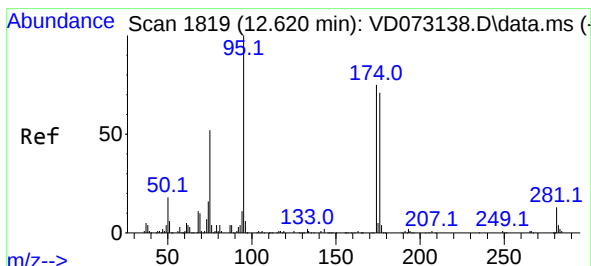
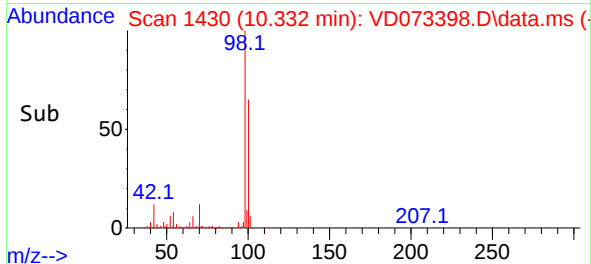
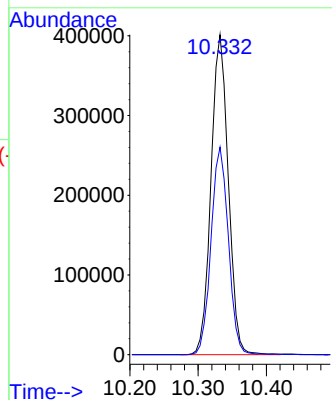
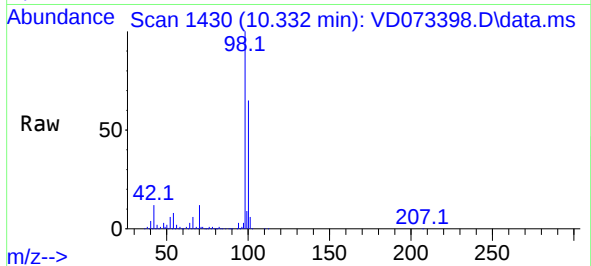




#50
Toluene-d8
Concen: 50.579 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073398.D
Acq: 26 May 2022 19:56

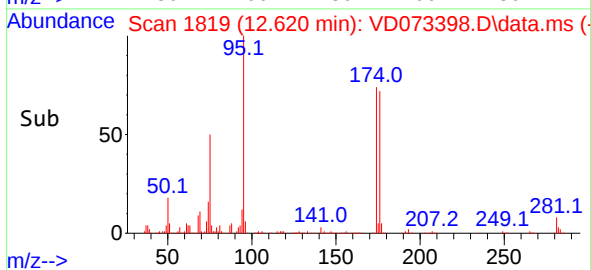
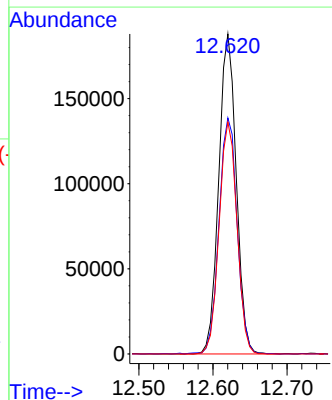
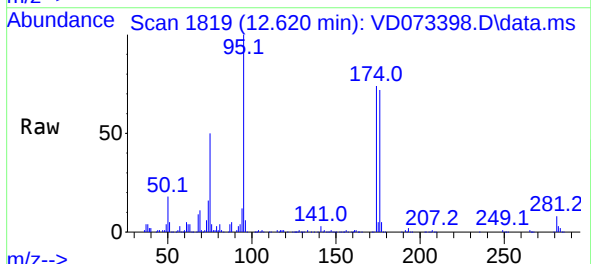
Instrument :
MSVOA_D
ClientSampleId :
PSC-124030

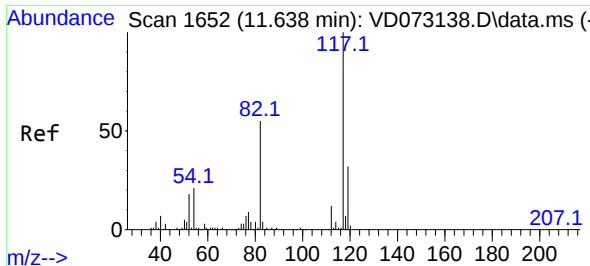
Tgt Ion: 98 Resp: 708650
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 62.718 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073398.D
Acq: 26 May 2022 19:56

Tgt Ion: 95 Resp: 308381
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 73.7 0.0 145.4

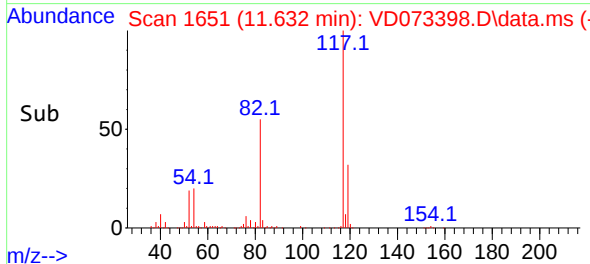
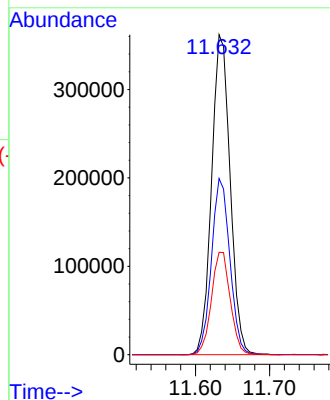
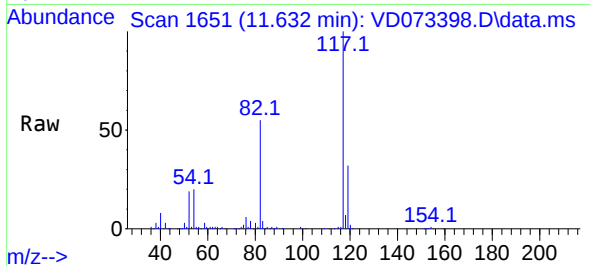




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073398.D
Acq: 26 May 2022 19:56

Instrument :
MSVOA_D
ClientSampleId :
PSC-124030

Tgt Ion:117 Resp: 628697
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073398.D
Acq: 26 May 2022 19:56

Tgt Ion:152 Resp: 320547
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 157.9 0.0 348.6

