

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072963.D
 Acq On : 12 May 2022 22:40
 Operator : VA/SY
 Sample : N2817-05
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS021-0006-01

Quant Time: May 13 05:59:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	302807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	547499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	539234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	216230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177955	45.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.540%
35) Dibromofluoromethane	7.908	113	186443	48.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.331	98	673239	48.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.620	95	225438	43.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.660%

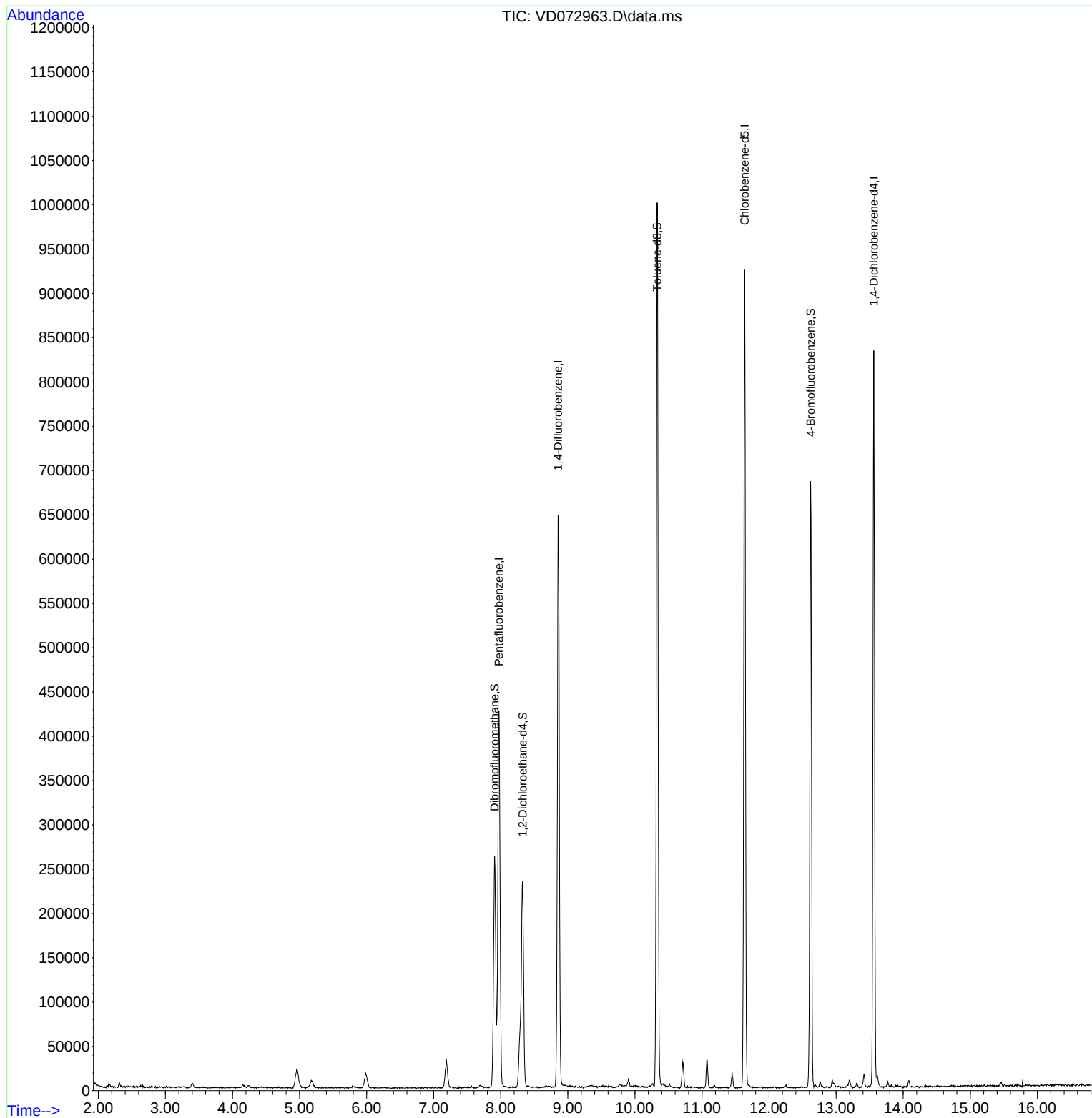
Target Compounds	Qvalue

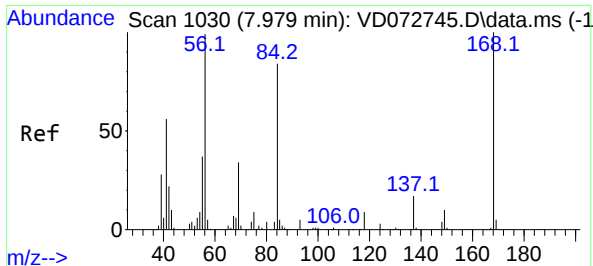
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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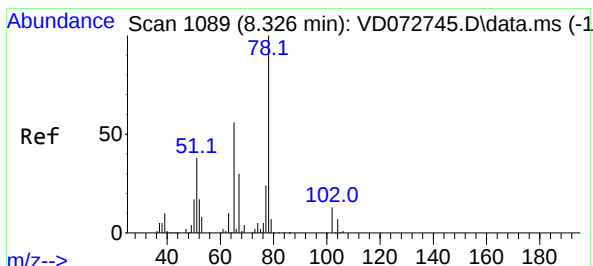
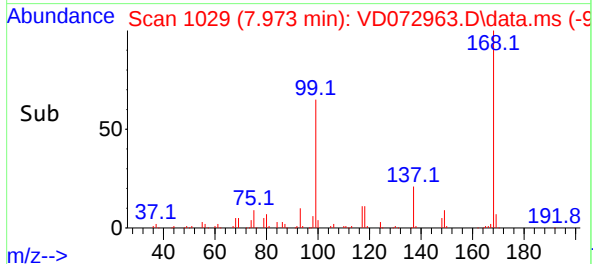
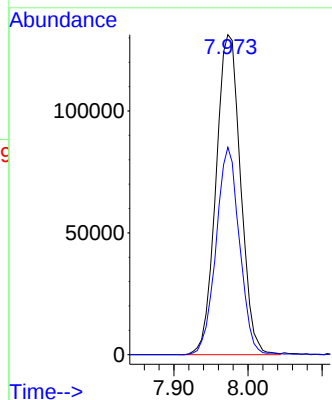
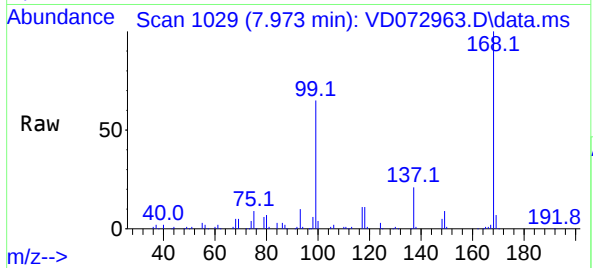




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

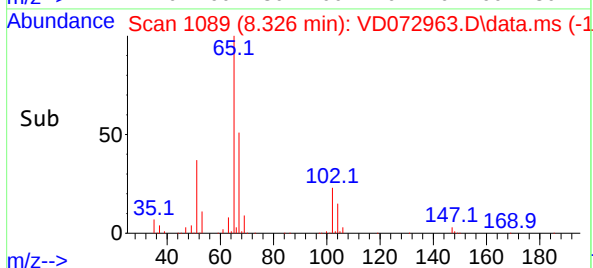
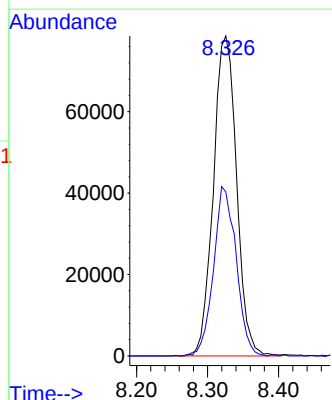
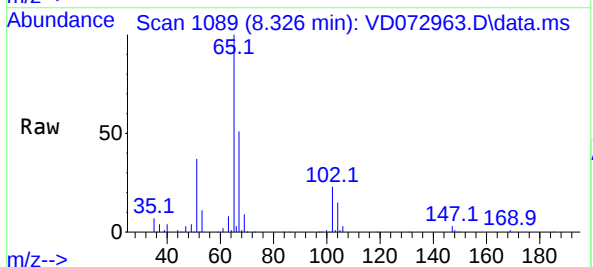
Instrument :
MSVOA_D
ClientSampleId :
P007-SS021-0006-01

Tgt Ion:168 Resp: 302807
Ion Ratio Lower Upper
168 100
99 64.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.273 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion: 65 Resp: 177955
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4



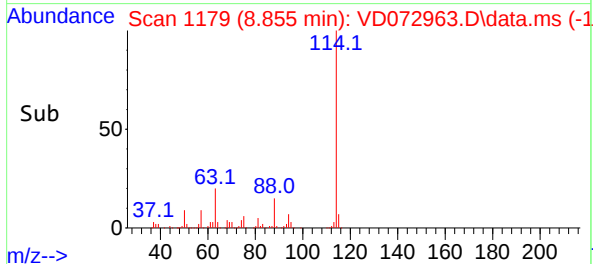
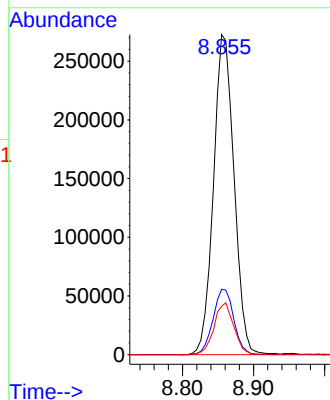
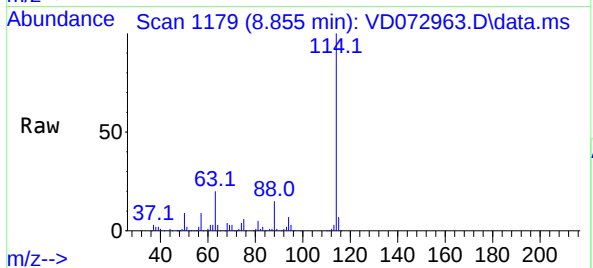


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Instrument :
MSVOA_D
ClientSampleId :
P007-SS021-0006-01

Tgt Ion:114 Resp: 547499

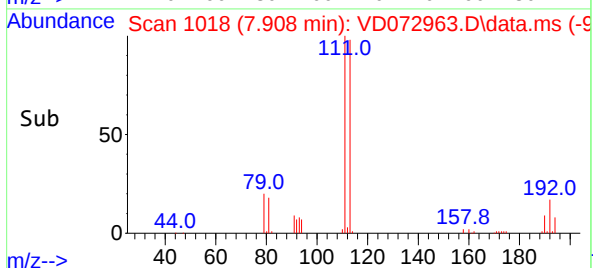
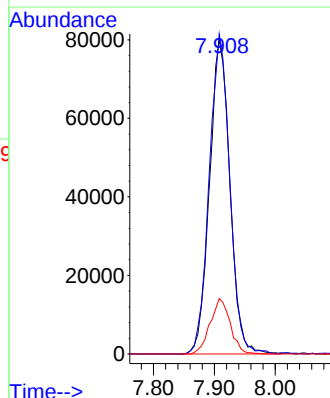
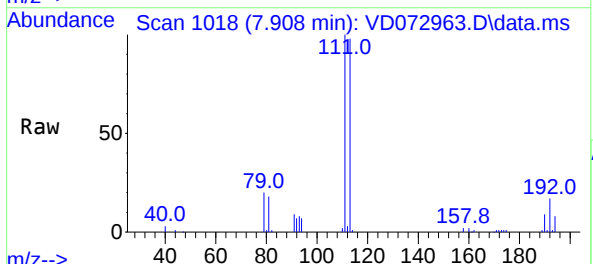
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	46.6
88	15.2	0.0	33.2

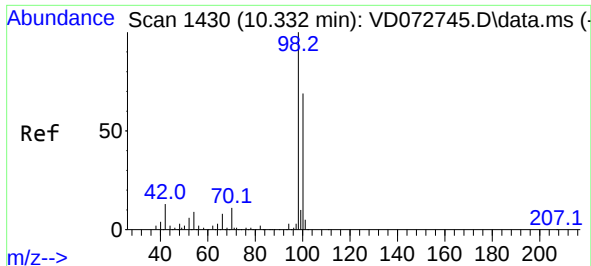


#35
Dibromofluoromethane
Concen: 48.488 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion:113 Resp: 186443

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.8	125.6
192	17.3	14.6	21.8

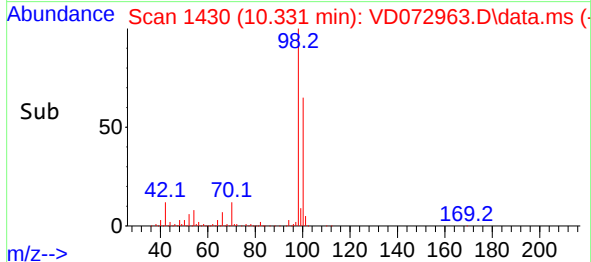
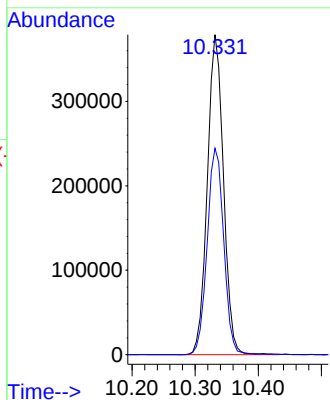
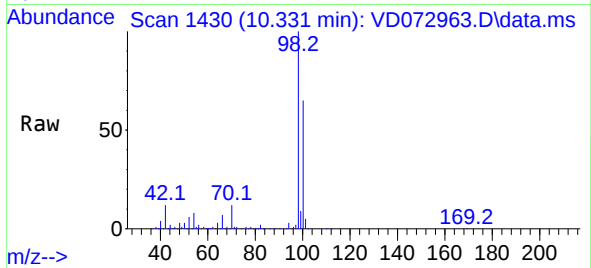




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

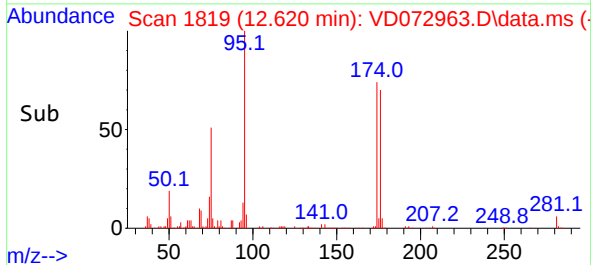
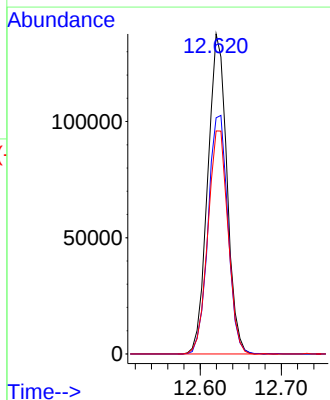
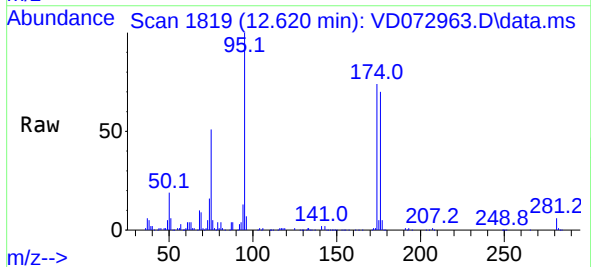
Instrument :
MSVOA_D
ClientSampleId :
P007-SS021-0006-01

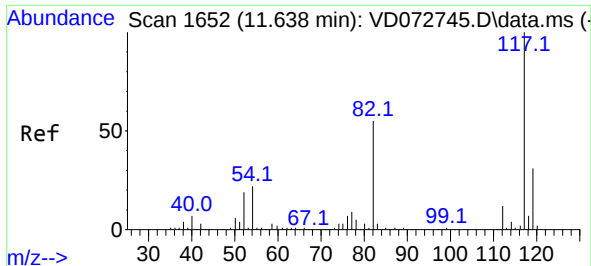
Tgt Ion: 98 Resp: 673239
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.834 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion: 95 Resp: 225438
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 73.2 0.0 145.4

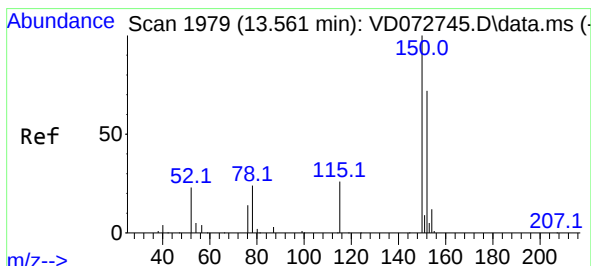
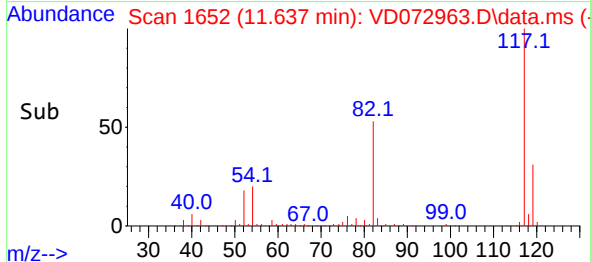
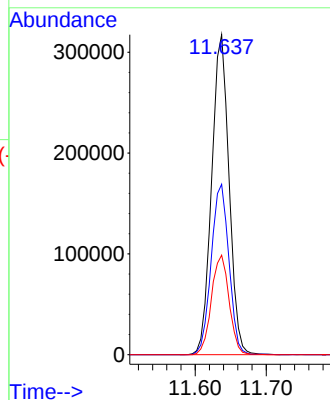
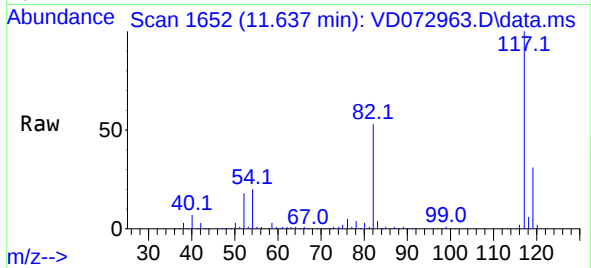




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Instrument :
MSVOA_D
ClientSampleId :
P007-SS021-0006-01

Tgt Ion:117 Resp: 539234
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 31.1 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: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion:152 Resp: 216230
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 158.8 0.0 348.6

