

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072766.D
 Acq On : 03 May 2022 14:00
 Operator : VA/SY
 Sample : N2604-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-042822

Quant Time: May 03 16:51:05 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	321675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	647064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212883	50.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.960%
35) Dibromofluoromethane	7.908	113	223191	49.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.332	98	799754	49.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.620	95	274069	45.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.180%

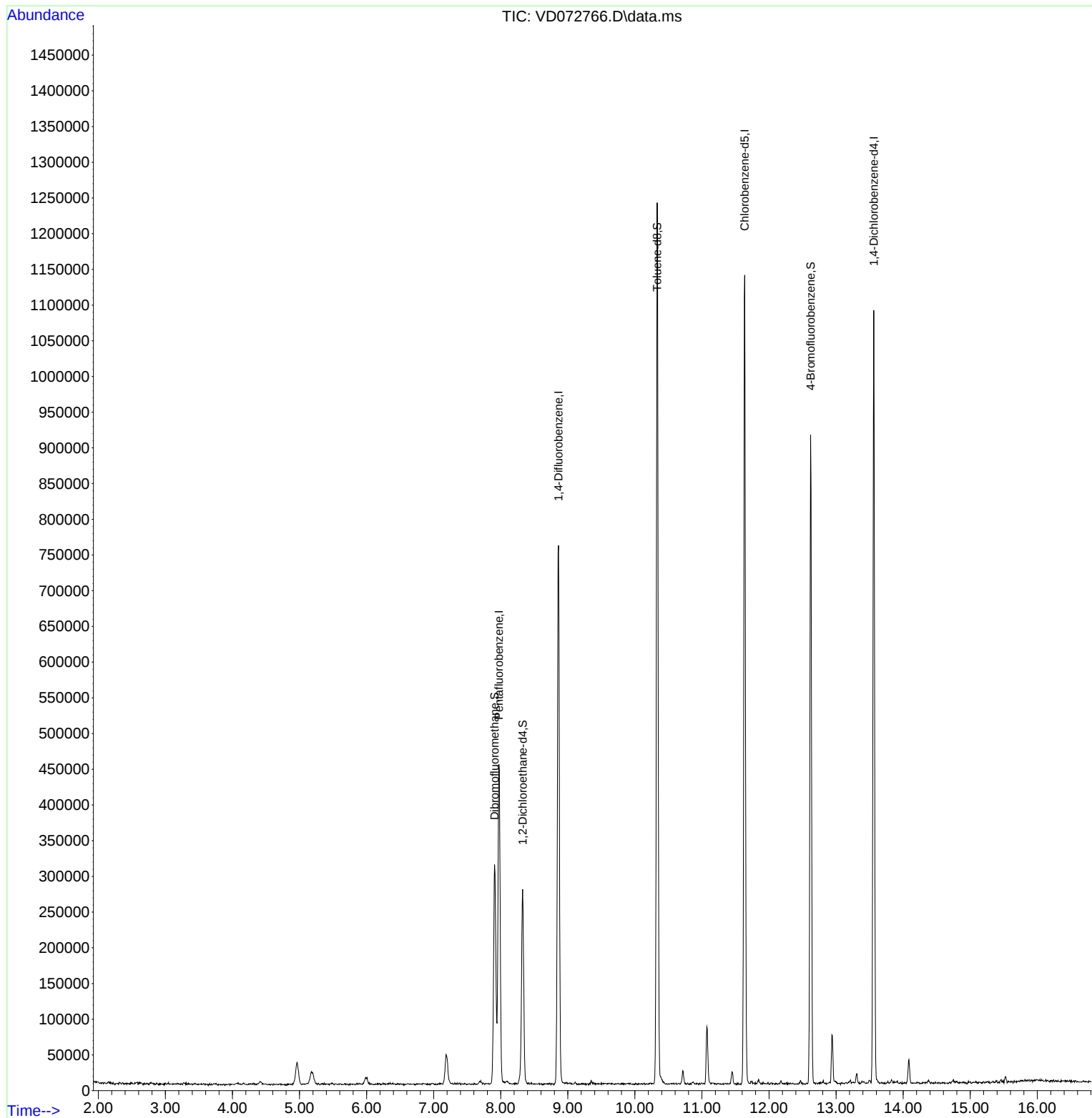
Target Compounds	Qvalue

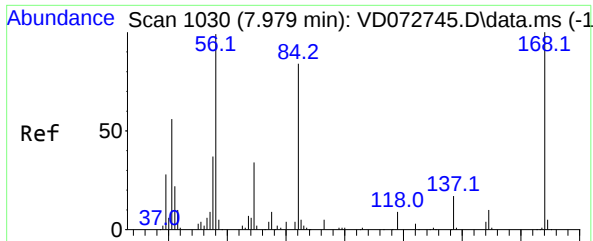
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072766.D

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Instrument :

MSVOA_D

ClientSampleId :

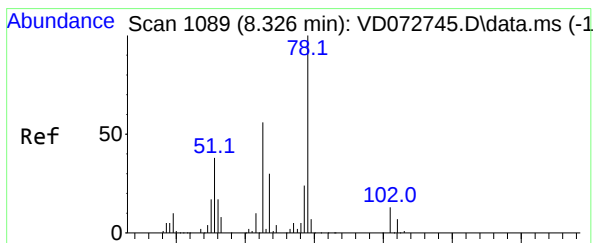
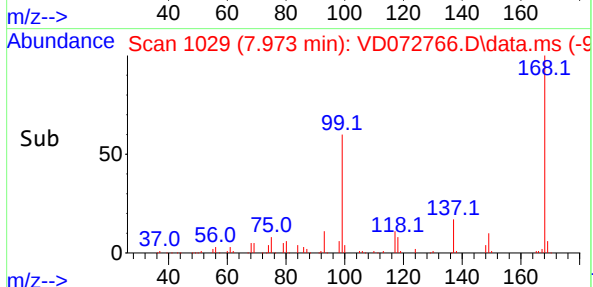
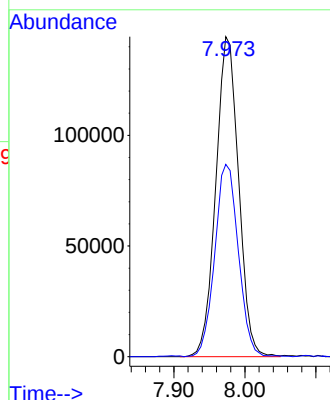
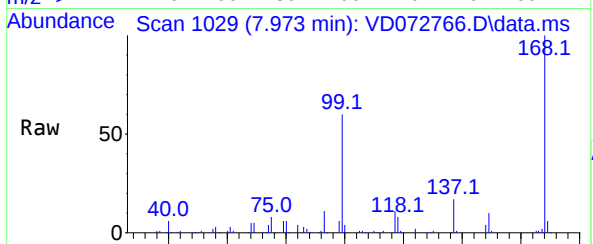
NB-07-042822

Tgt Ion:168 Resp: 321675

Ion Ratio Lower Upper

168 100

99 59.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 50.983 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072766.D

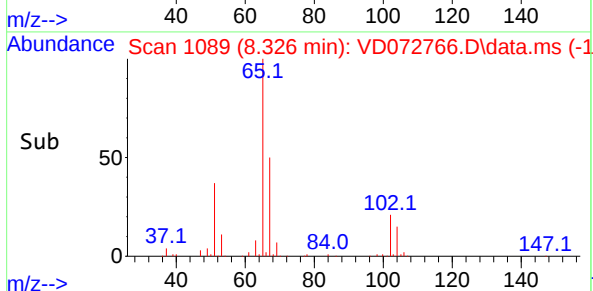
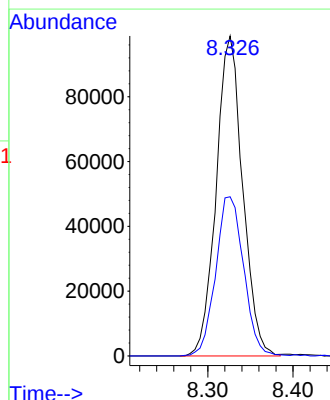
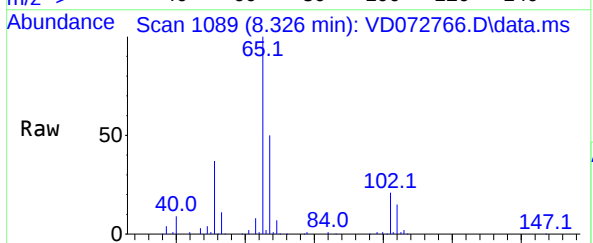
Acq: 03 May 2022 14:00

Tgt Ion: 65 Resp: 212883

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4

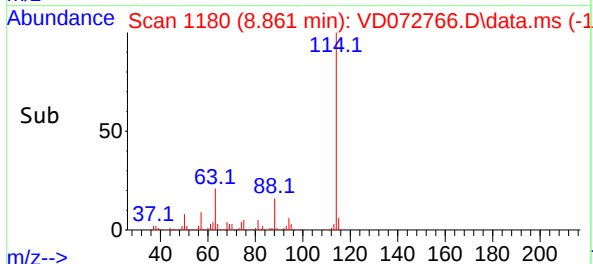
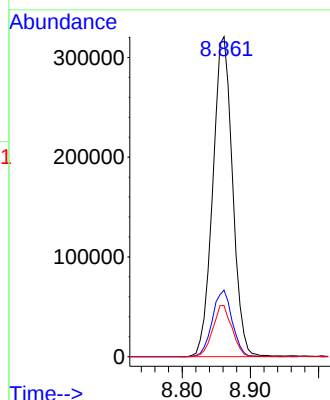
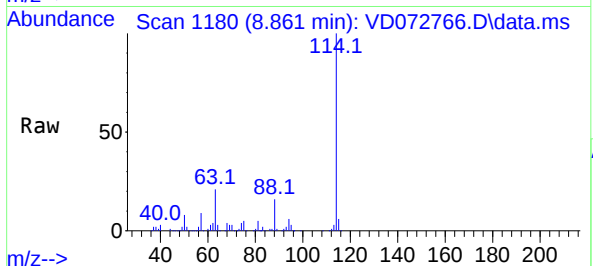




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

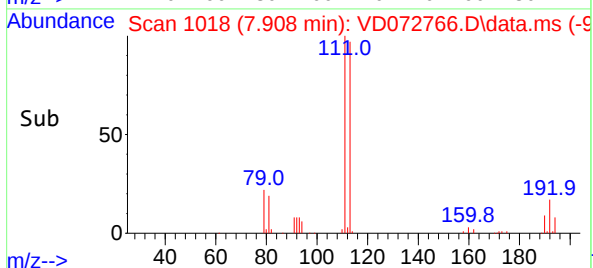
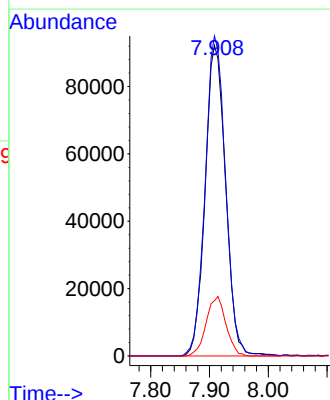
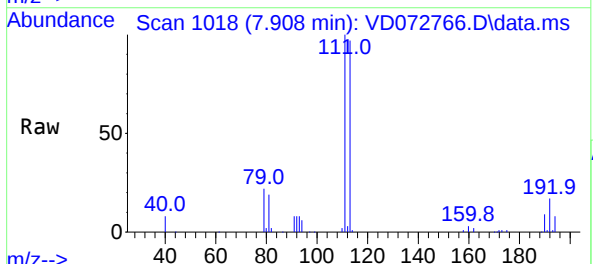
Instrument :
MSVOA_D
ClientSampleId :
NB-07-042822

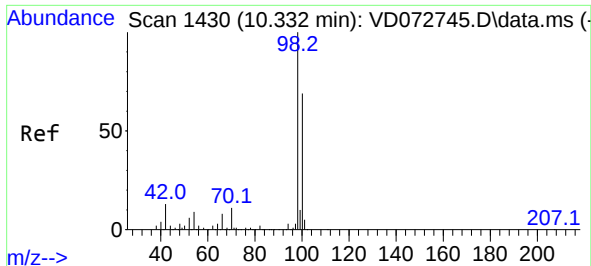
Tgt Ion:	114	Resp:	647064
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	46.6
88	16.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 49.113 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Tgt Ion:	113	Resp:	223191
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	18.5	14.6	21.8

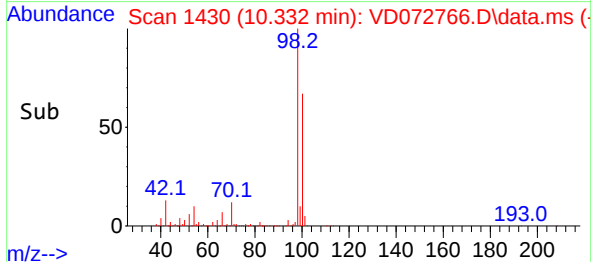
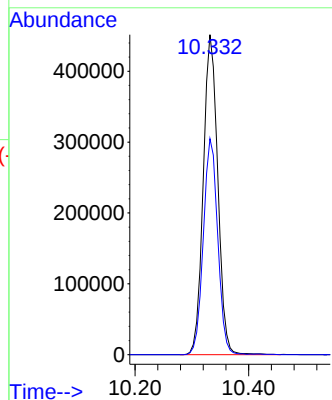
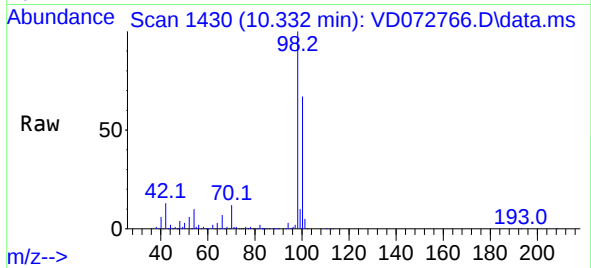




#50
Toluene-d8
Concen: 49.061 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

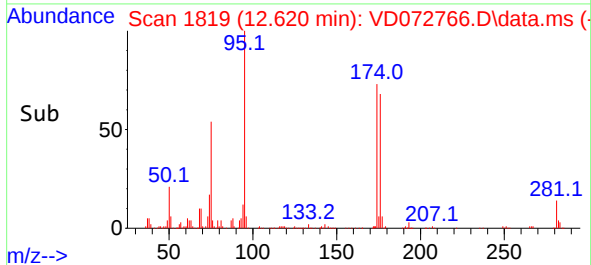
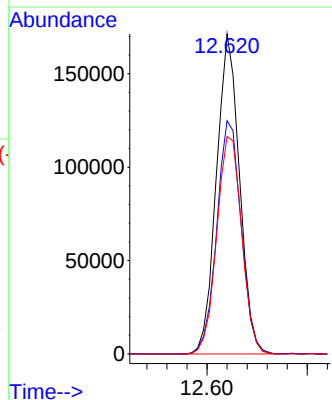
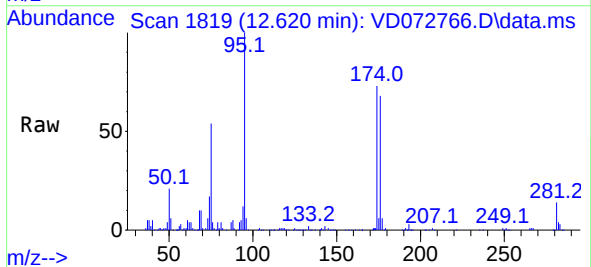
Instrument :
MSVOA_D
ClientSampleId :
NB-07-042822

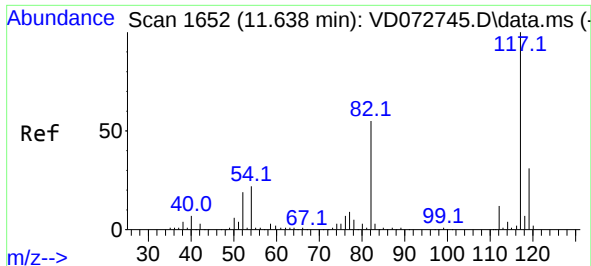
Tgt Ion: 98 Resp: 799754
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.090 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Tgt Ion: 95 Resp: 274069
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.3 0.0 145.4

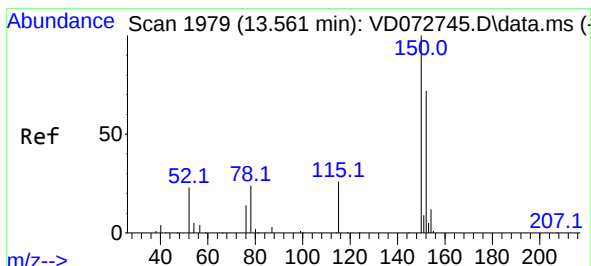
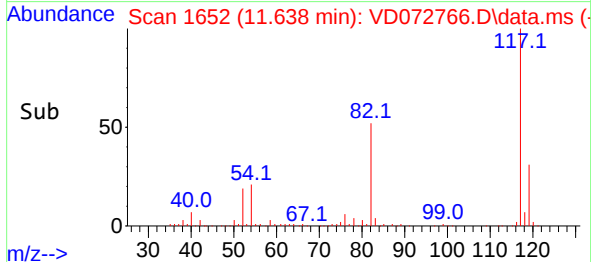
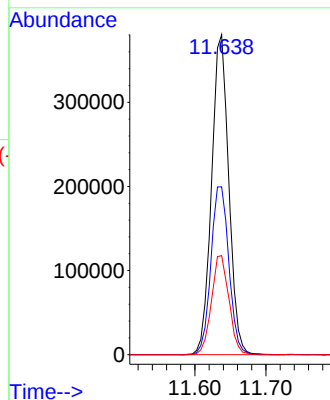
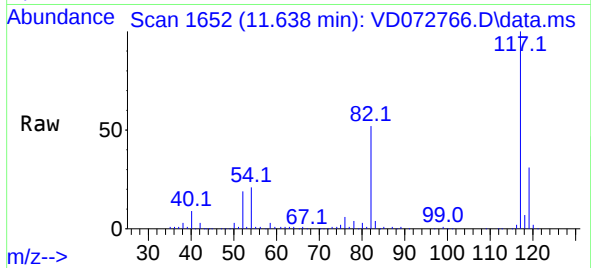




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072766.D
Acq: 03 May 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
NB-07-042822

Tgt Ion:117 Resp: 639225
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 30.9 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: VD072766.D
Acq: 03 May 2022 14:00

Tgt Ion:152 Resp: 280194
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.8 0.0 348.6

