

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072802.D
 Acq On : 05 May 2022 11:28
 Operator : VA/SY
 Sample : VD0505SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBL01

Quant Time: May 06 03:46:58 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	347180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	642266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	634513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	209296	46.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.880%
35) Dibromofluoromethane	7.914	113	212981	47.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.332	98	782046	48.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.620	95	272148	45.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.220%

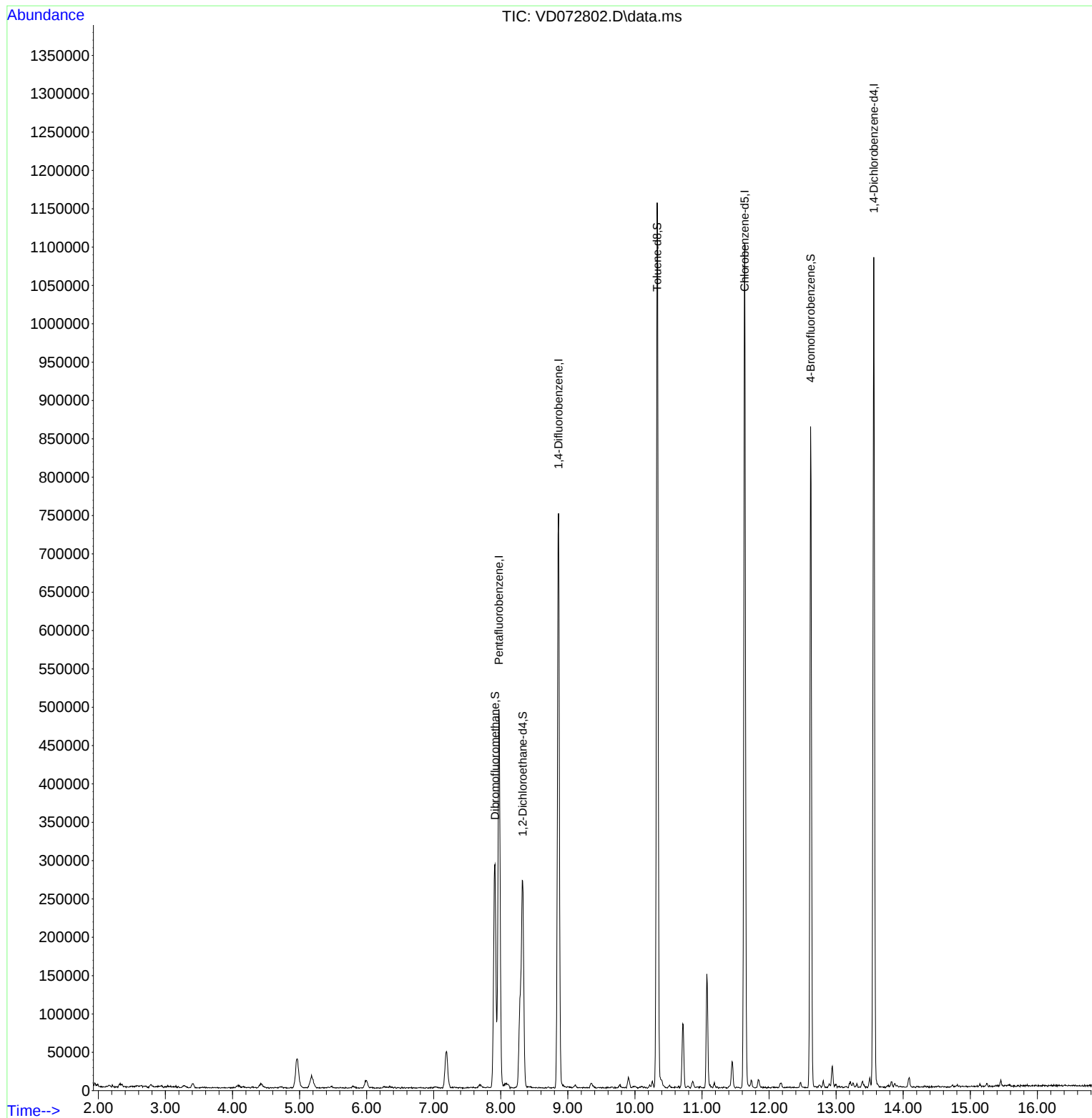
Target Compounds	Qvalue

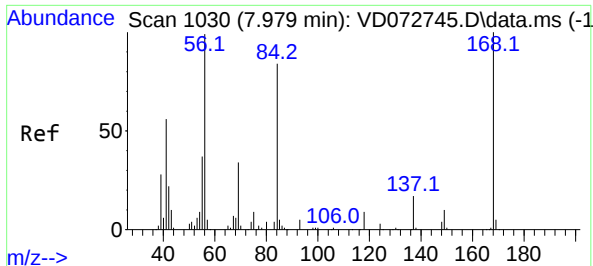
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072802.D

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Instrument :

MSVOA_D

ClientSampleId :

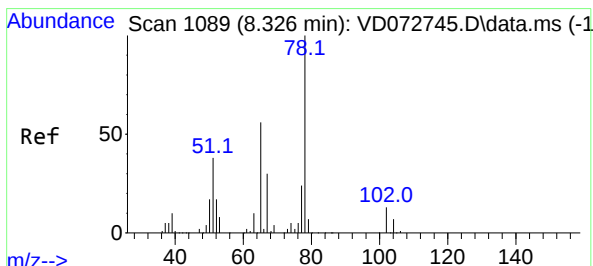
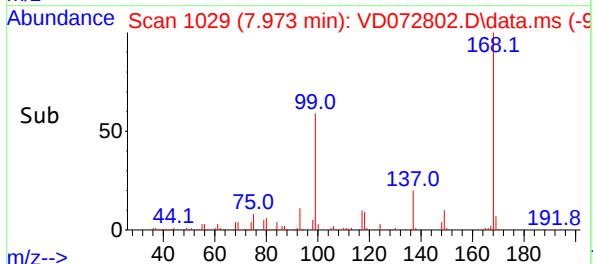
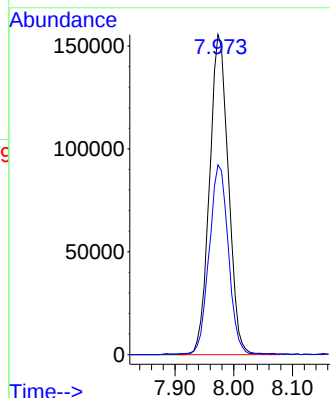
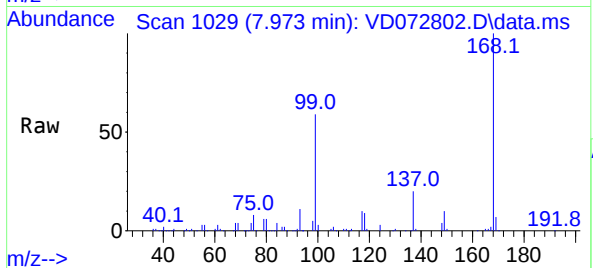
VD0505SBL01

Tgt Ion:168 Resp: 347180

Ion Ratio Lower Upper

168 100

99 59.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.441 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072802.D

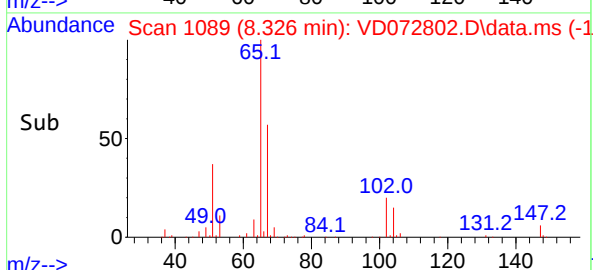
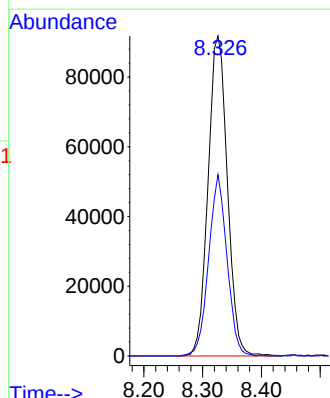
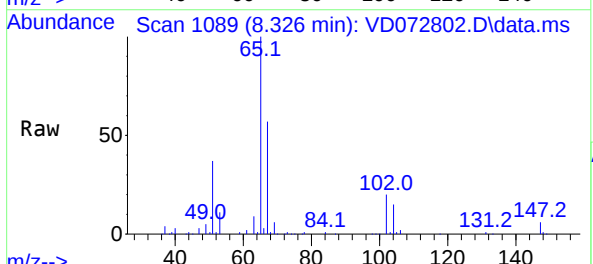
Acq: 05 May 2022 11:28

Tgt Ion: 65 Resp: 209296

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.4

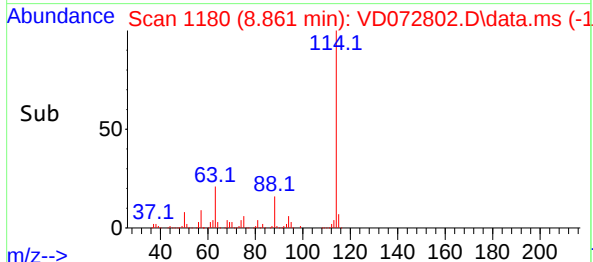
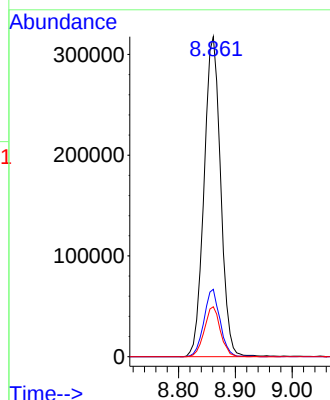
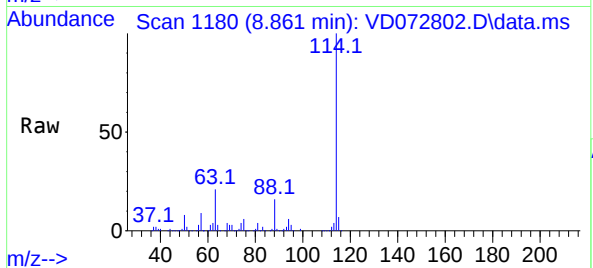




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

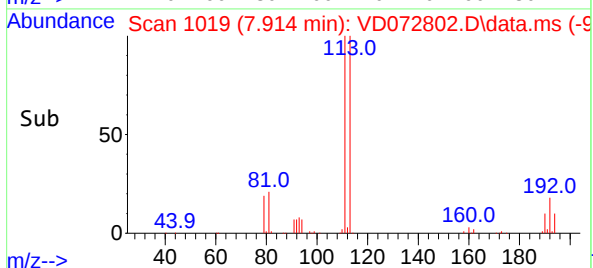
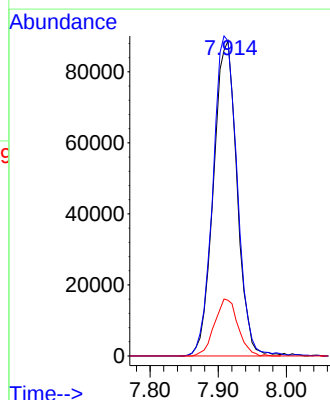
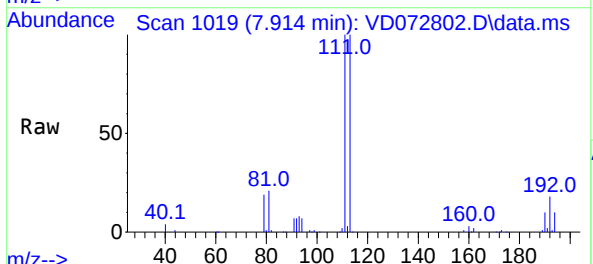
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

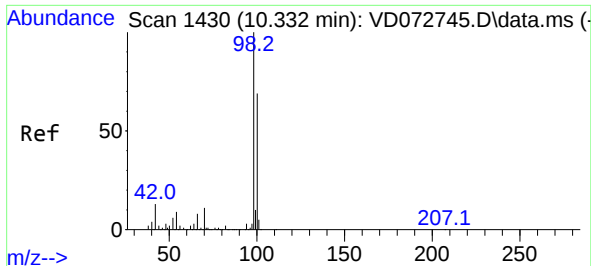
Tgt Ion:	114	Resp:	642266
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	46.6
88	15.6	0.0	33.2



#35
Dibromofluoromethane
Concen: 47.217 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.005 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

Tgt Ion:	113	Resp:	212981
Ion Ratio	Lower	Upper	
113	100		
111	104.4	83.8	125.6
192	18.1	14.6	21.8

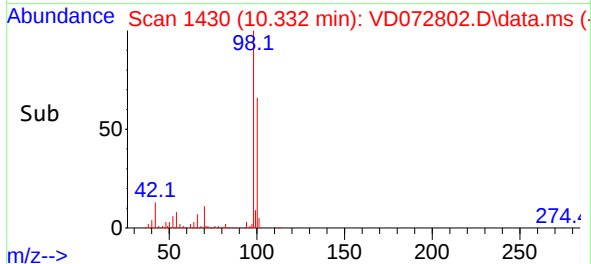
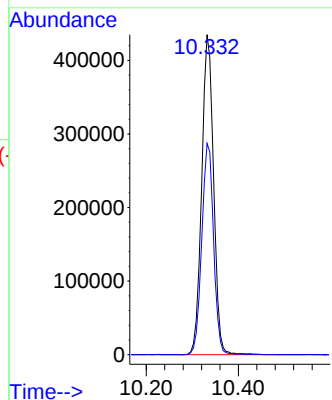
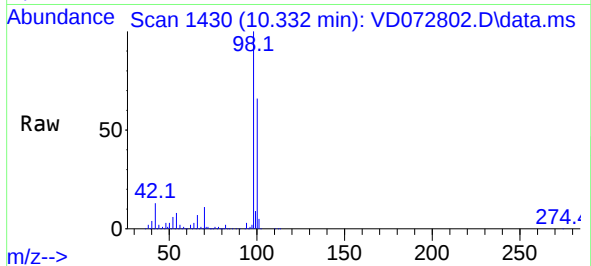




#50
Toluene-d8
Concen: 48.333 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

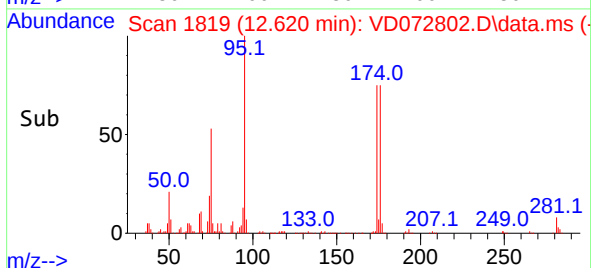
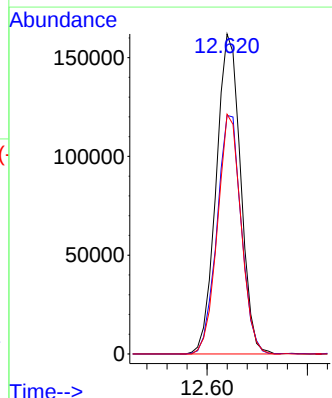
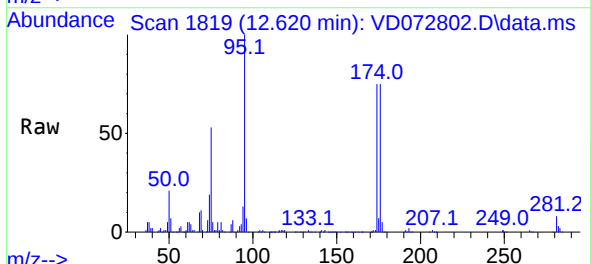
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

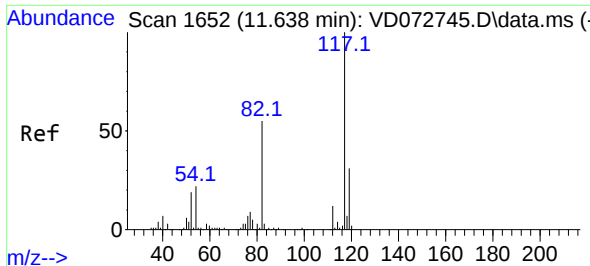
Tgt Ion: 98 Resp: 782046
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.108 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

Tgt Ion: 95 Resp: 272148
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.8
176 72.5 0.0 145.4

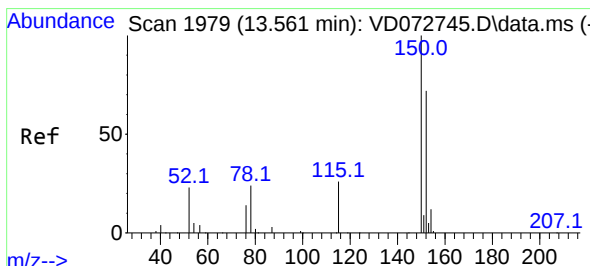
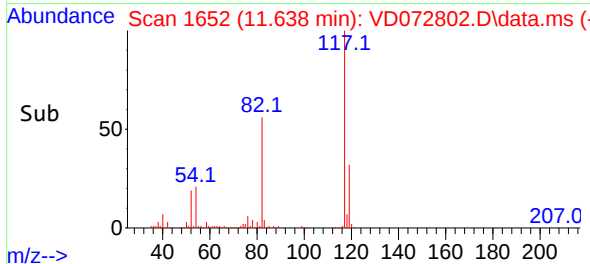
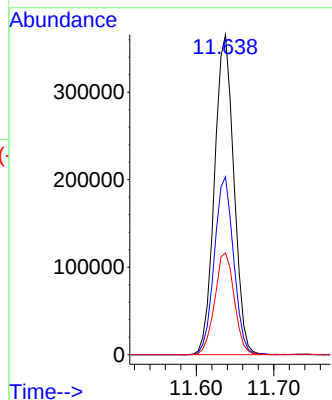
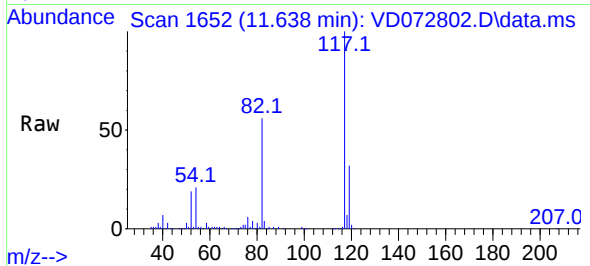




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

Tgt Ion:117 Resp: 634513
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.8 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: VD072802.D
Acq: 05 May 2022 11:28

Tgt Ion:152 Resp: 273235
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 160.2 0.0 348.6

