

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072953.D
 Acq On : 12 May 2022 17:50
 Operator : VA/SY
 Sample : N2782-04
 Misc : 6.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P019-SS001-0006-01

Quant Time: May 13 05:56:42 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	307254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	557093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	535061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	199952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186260	46.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.400%
35) Dibromofluoromethane	7.909	113	188268	48.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.332	98	665888	47.446	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.620	95	222514	42.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.040%

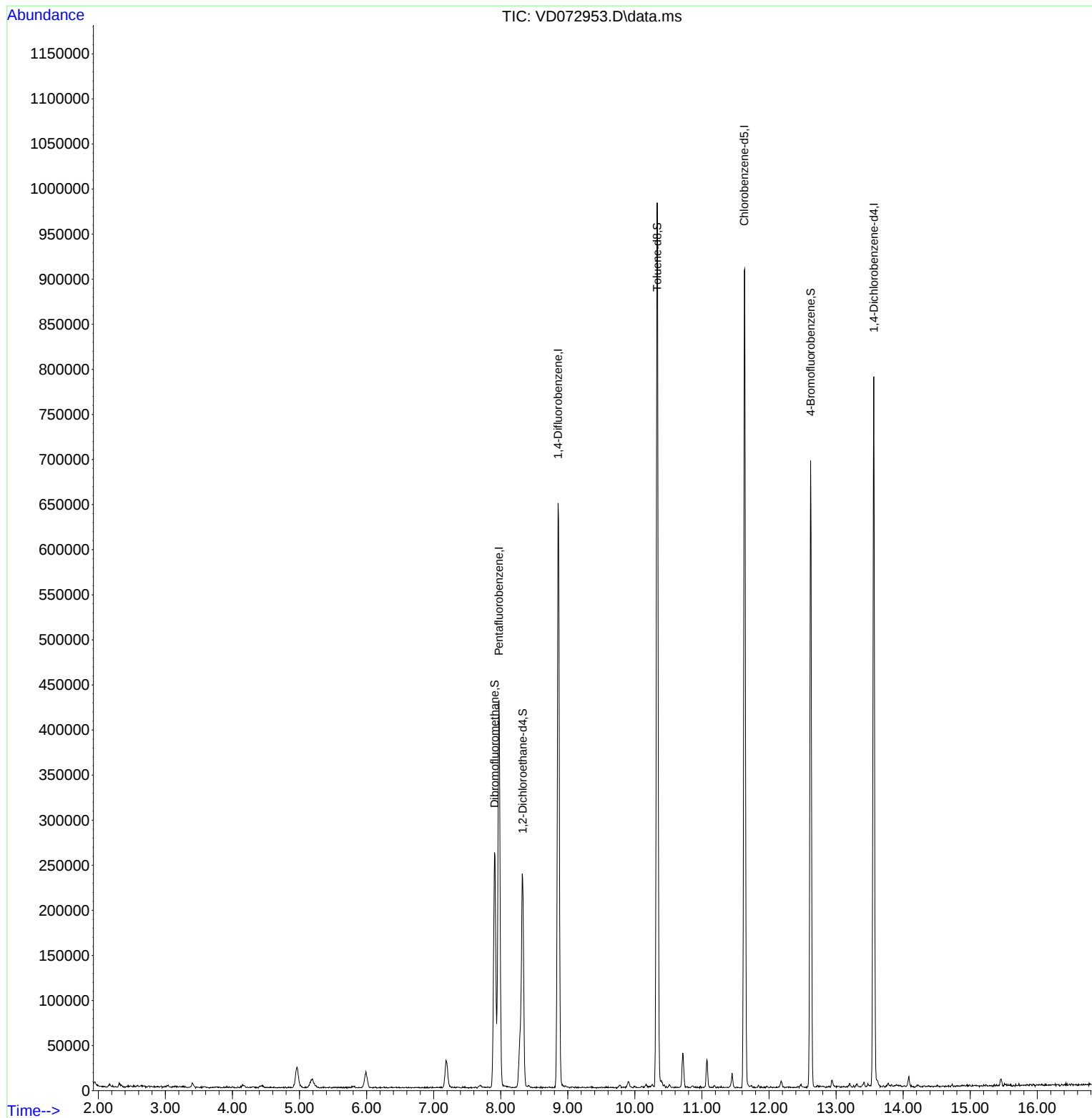
Target Compounds	Qvalue

(#) = 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: VD072953.D

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Instrument :

MSVOA_D

ClientSampleId :

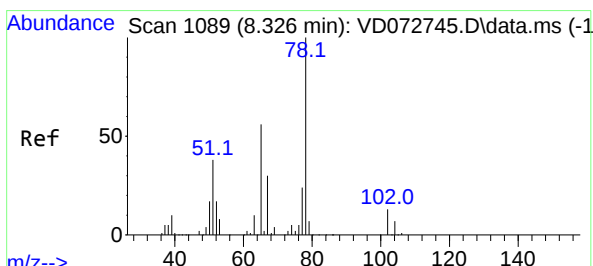
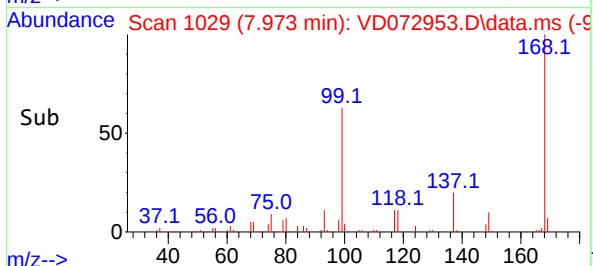
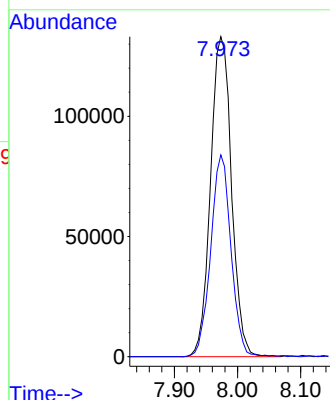
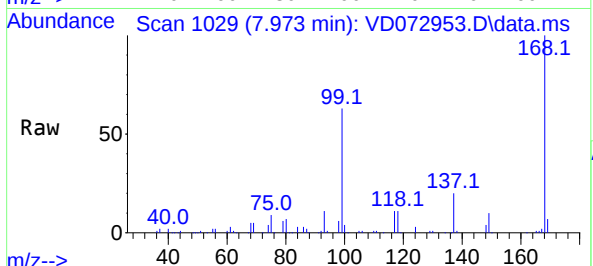
P019-SS001-0006-01

Tgt Ion:168 Resp: 307254

Ion Ratio Lower Upper

168 100

99 63.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.700 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072953.D

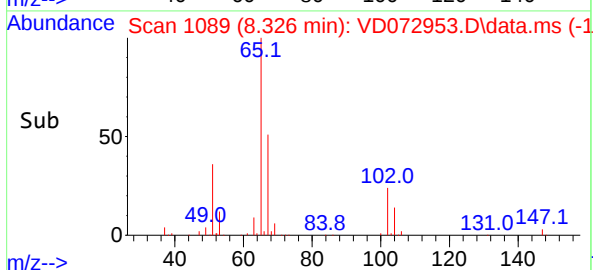
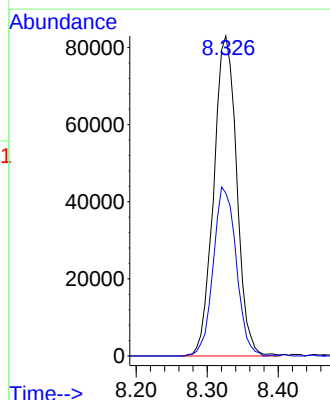
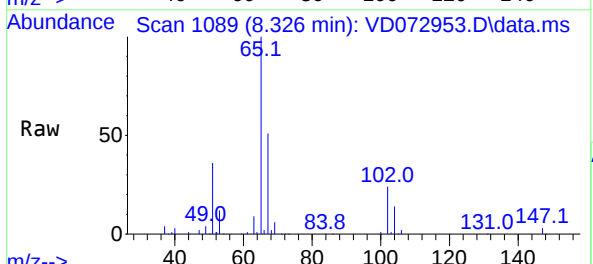
Acq: 12 May 2022 17:50

Tgt Ion: 65 Resp: 186260

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



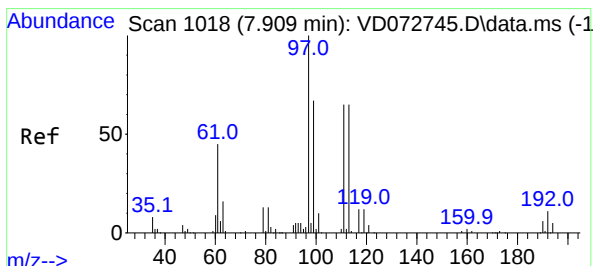
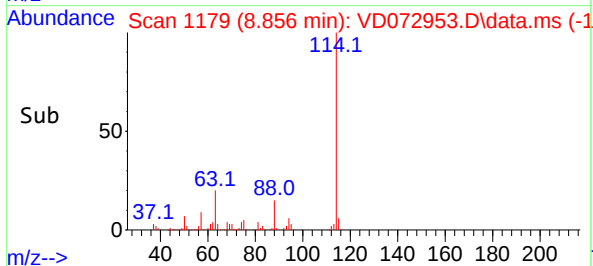
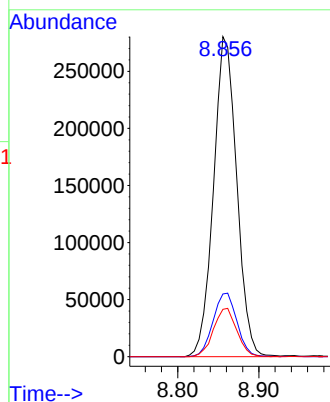
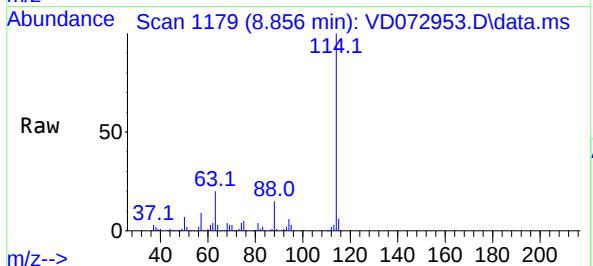


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072953.D
Acq: 12 May 2022 17:50

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0006-01

Tgt Ion:114 Resp: 557093

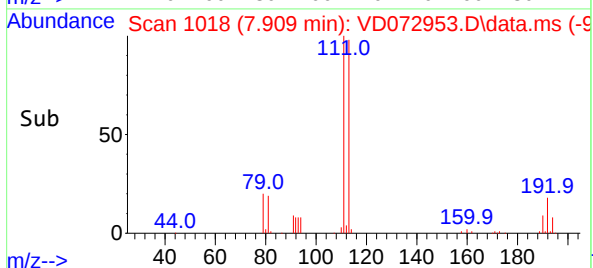
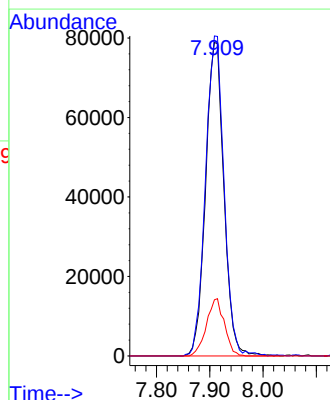
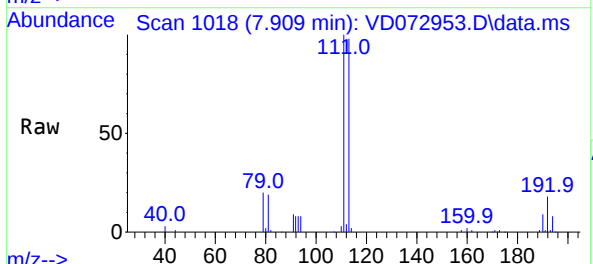
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	46.6
88	14.8	0.0	33.2

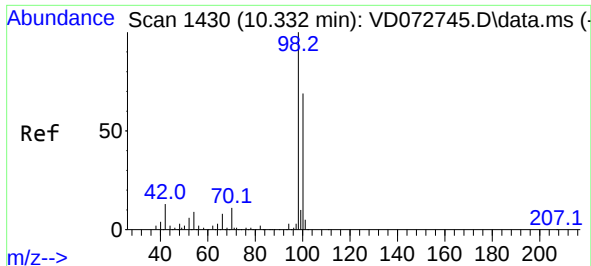


#35
Dibromofluoromethane
Concen: 48.119 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072953.D
Acq: 12 May 2022 17:50

Tgt Ion:113 Resp: 188268

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	17.9	14.6	21.8

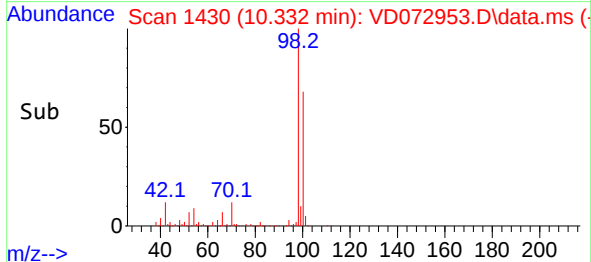
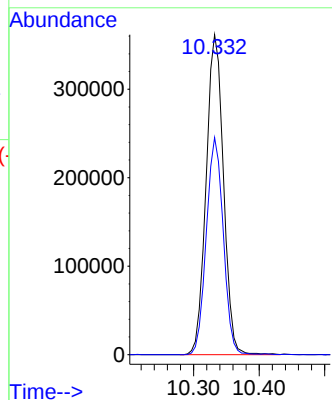
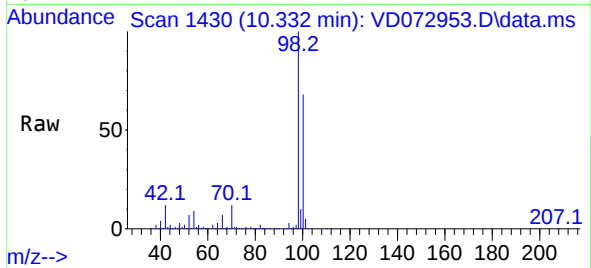




#50
Toluene-d8
Concen: 47.446 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072953.D
Acq: 12 May 2022 17:50

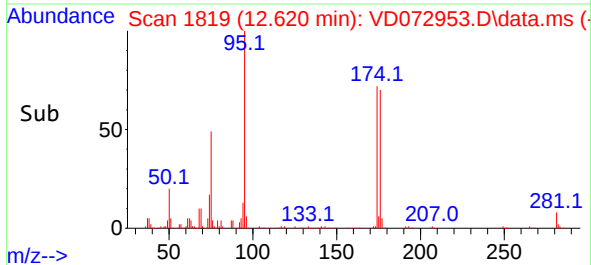
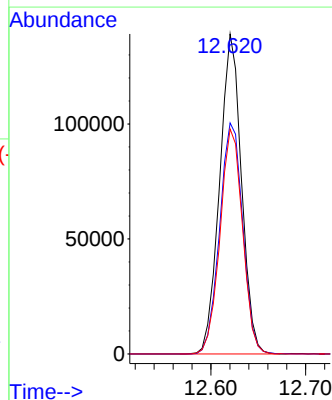
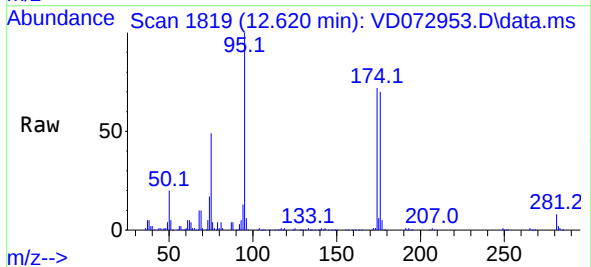
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0006-01

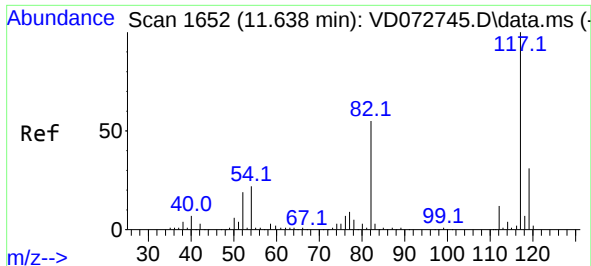
Tgt Ion: 98 Resp: 665888
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.520 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072953.D
Acq: 12 May 2022 17:50

Tgt Ion: 95 Resp: 222514
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 72.5 0.0 145.4

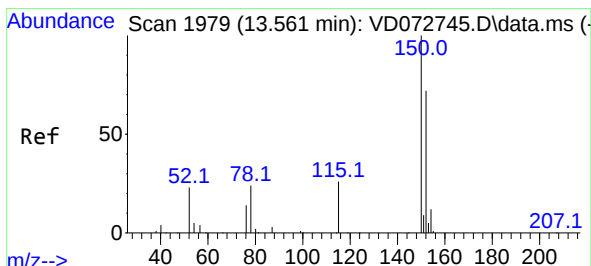
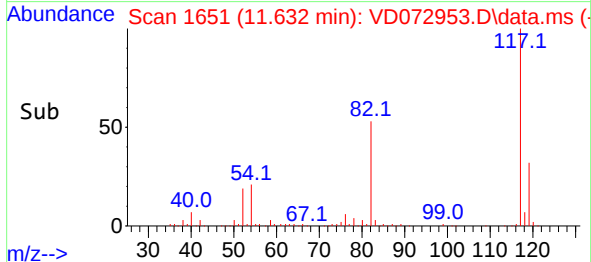
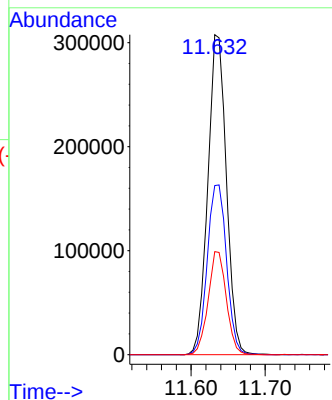
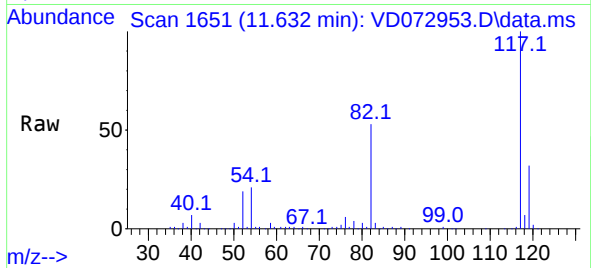




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072953.D
Acq: 12 May 2022 17:50

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0006-01

Tgt Ion:117 Resp: 535061
Ion Ratio Lower Upper
117 100
82 52.8 45.3 67.9
119 32.2 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: VD072953.D
Acq: 12 May 2022 17:50

Tgt Ion:152 Resp: 199952
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 162.8 0.0 348.6

