

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073017.D
 Acq On : 14 May 2022 05:18
 Operator : VA/SY
 Sample : N2823-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-3

Quant Time: May 16 05:20:45 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	7.979	168	353531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	622391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	617825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182445	39.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.520%
35) Dibromofluoromethane	7.909	113	121835	27.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.740%
50) Toluene-d8	10.332	98	760654	48.512	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.620	95	270037	46.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.380%

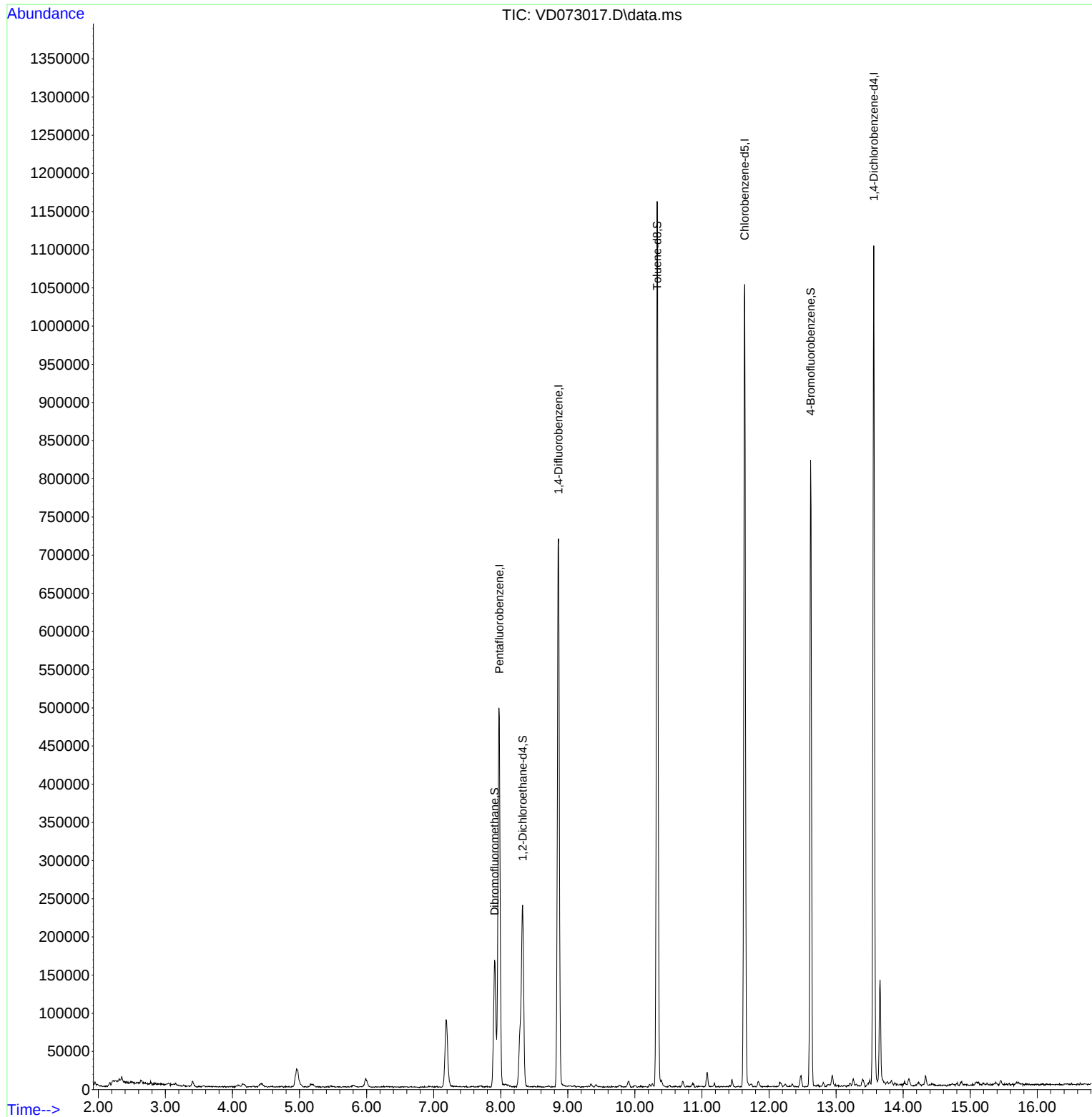
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073017.D

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Instrument :

MSVOA_D

ClientSampleId :

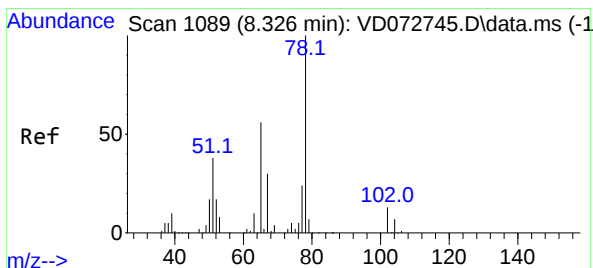
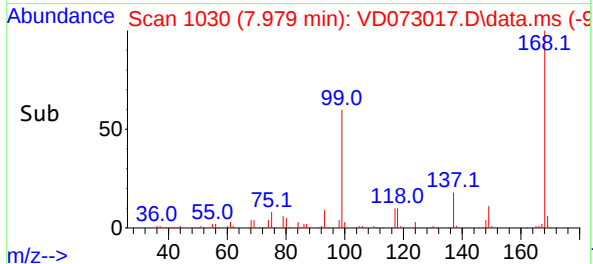
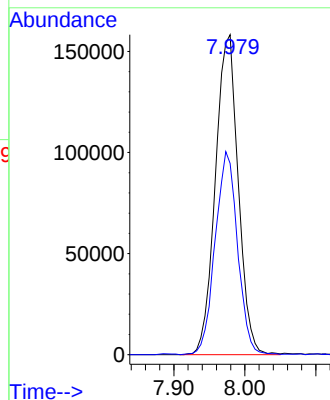
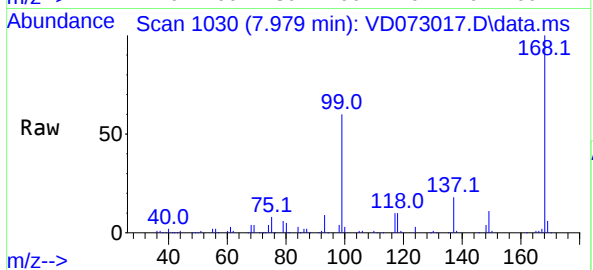
SC-3

Tgt Ion:168 Resp: 353531

Ion Ratio Lower Upper

168 100

99 59.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 39.756 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073017.D

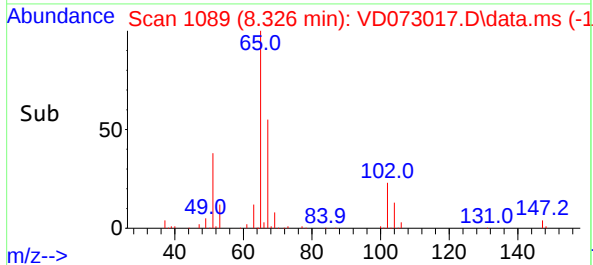
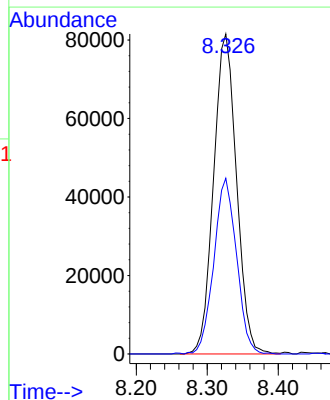
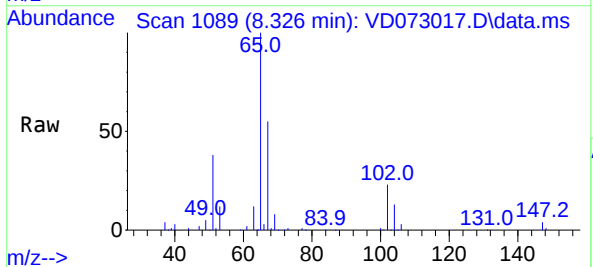
Acq: 14 May 2022 05:18

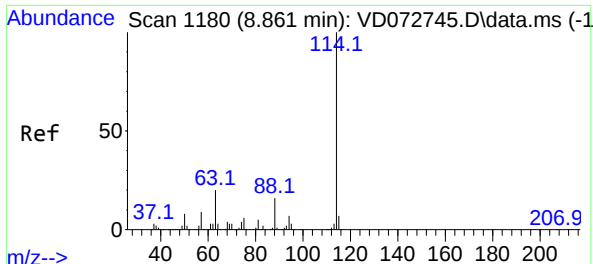
Tgt Ion: 65 Resp: 182445

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.4



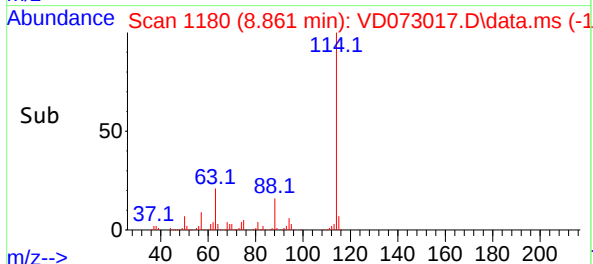
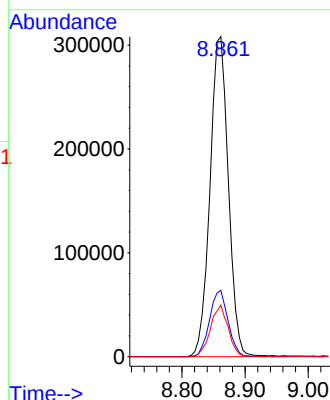
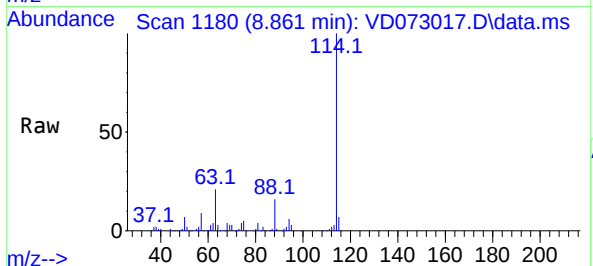


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073017.D
Acq: 14 May 2022 05:18

Instrument :
MSVOA_D
ClientSampleId :
SC-3

Tgt Ion:114 Resp: 622391

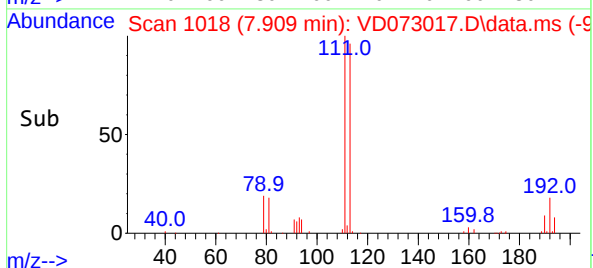
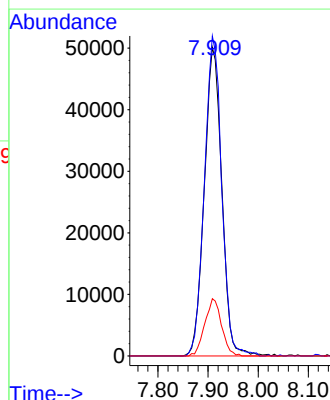
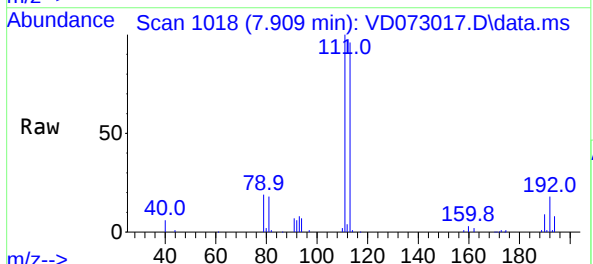
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	46.6
88	16.1	0.0	33.2

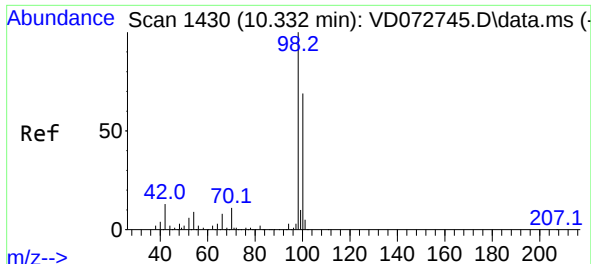


#35
Dibromofluoromethane
Concen: 27.873 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073017.D
Acq: 14 May 2022 05:18

Tgt Ion:113 Resp: 121835

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	17.7	14.6	21.8

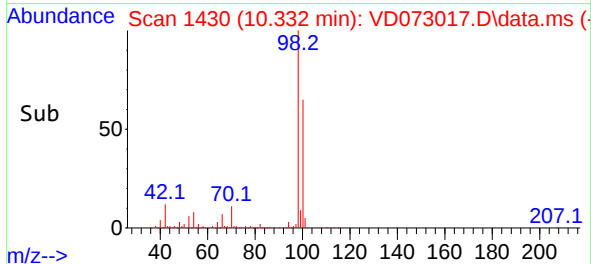
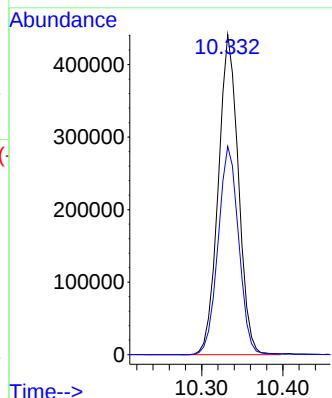
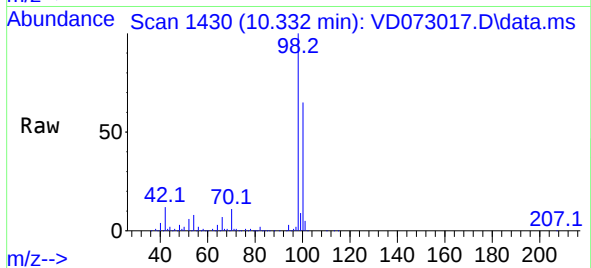




#50
Toluene-d8
Concen: 48.512 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073017.D
Acq: 14 May 2022 05:18

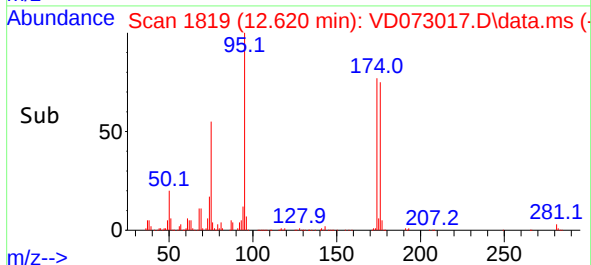
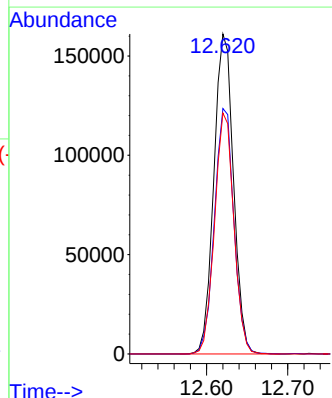
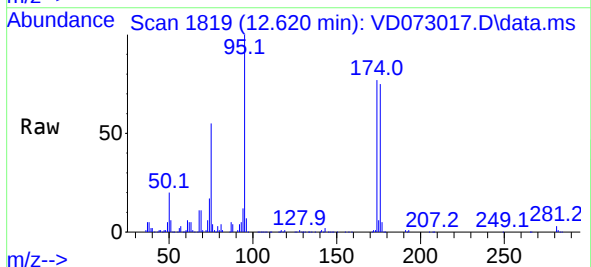
Instrument :
MSVOA_D
ClientSampleId :
SC-3

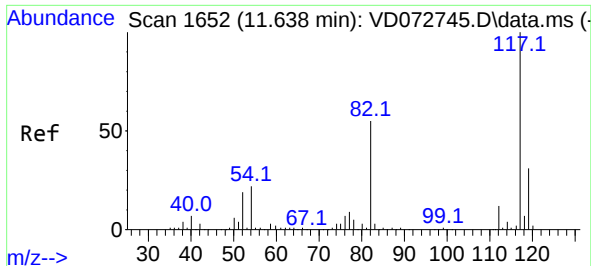
Tgt Ion: 98 Resp: 760654
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.188 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073017.D
Acq: 14 May 2022 05:18

Tgt Ion: 95 Resp: 270037
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 74.0 0.0 145.4

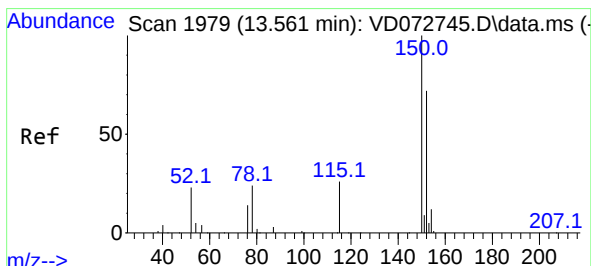
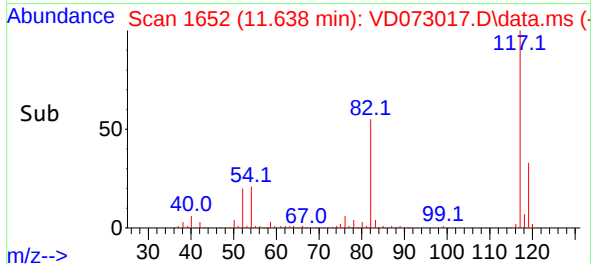
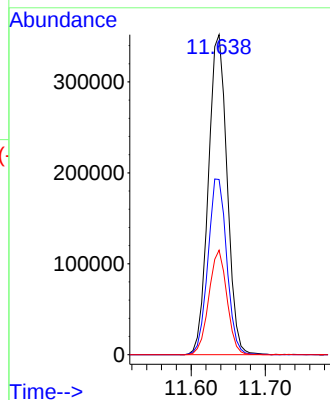
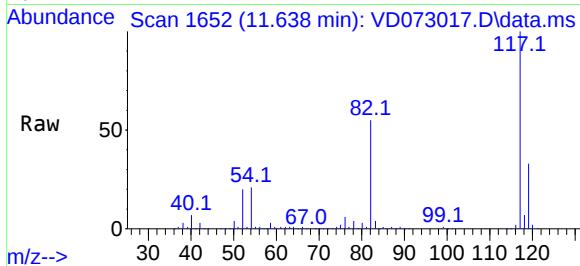




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073017.D
Acq: 14 May 2022 05:18

Instrument :
MSVOA_D
ClientSampleId :
SC-3

Tgt Ion:117 Resp: 617825
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 32.7 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: VD073017.D
Acq: 14 May 2022 05:18

Tgt Ion:152 Resp: 283486
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 156.0 0.0 348.6

