

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073003.D
 Acq On : 13 May 2022 21:44
 Operator : VA/SY
 Sample : N2816-13
 Misc : 6.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS005-0006-01

Quant Time: May 16 05:16:59 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	331575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	587355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	572348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173280	40.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.520%
35) Dibromofluoromethane	7.908	113	191205	46.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.700%
50) Toluene-d8	10.332	98	717428	48.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.620	95	248268	44.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.000%

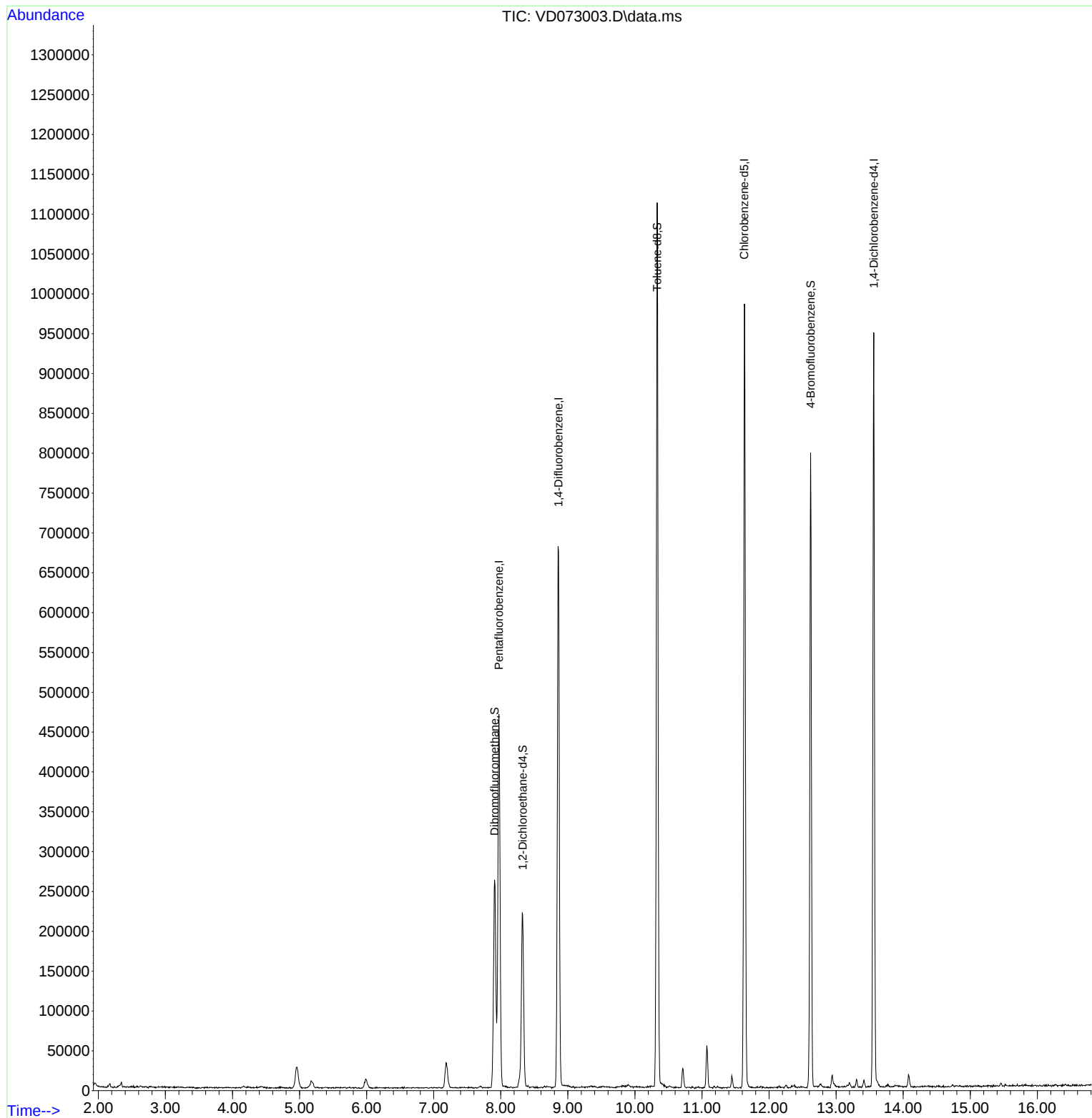
Target Compounds Qvalue

(#) = 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: VD073003.D

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Instrument :

MSVOA_D

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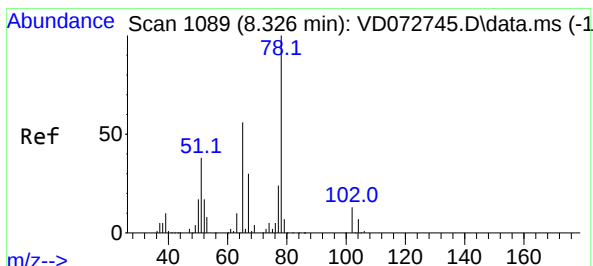
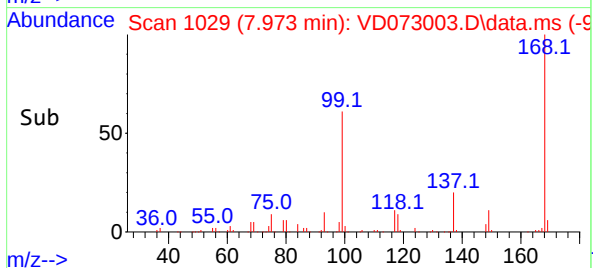
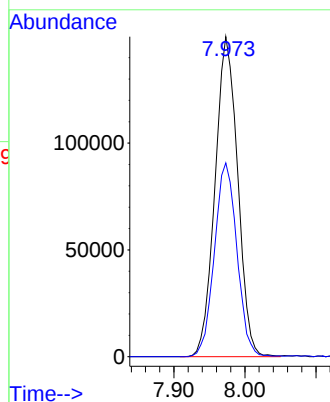
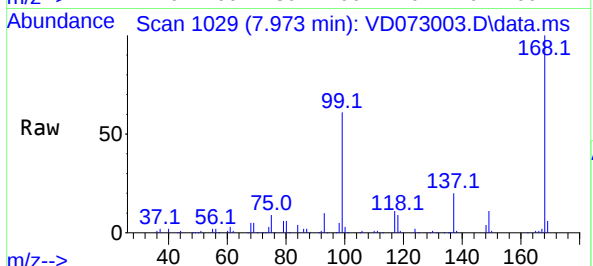
P007-SS005-0006-01

Tgt Ion:168 Resp: 331575

Ion Ratio Lower Upper

168 100

99 60.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 40.259 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073003.D

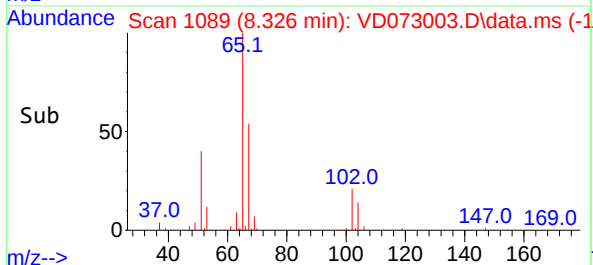
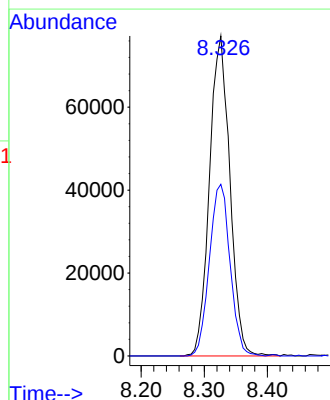
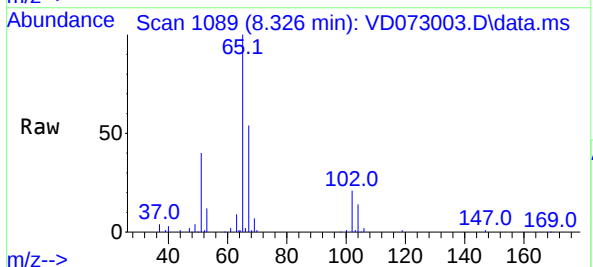
Acq: 13 May 2022 21:44

Tgt Ion: 65 Resp: 173280

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.4

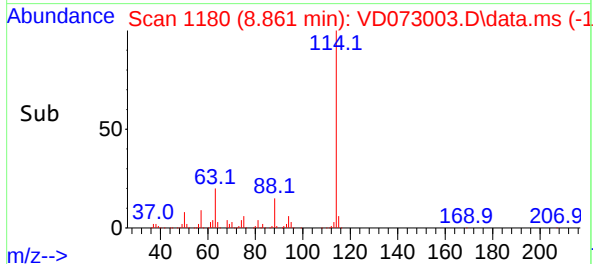
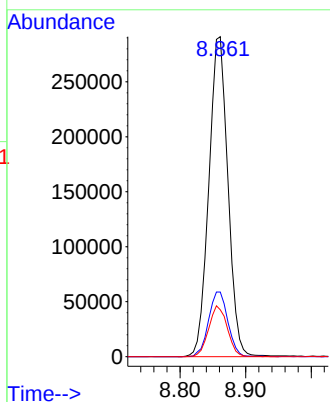
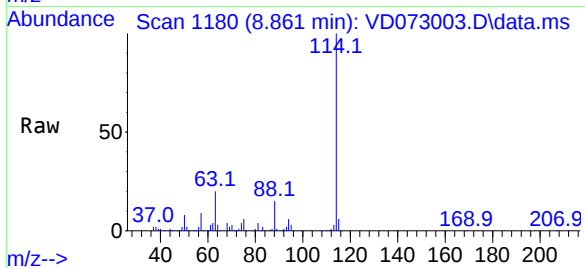




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073003.D
Acq: 13 May 2022 21:44

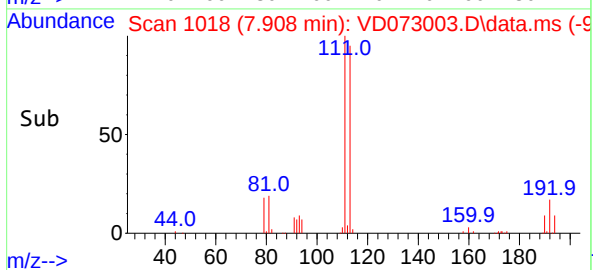
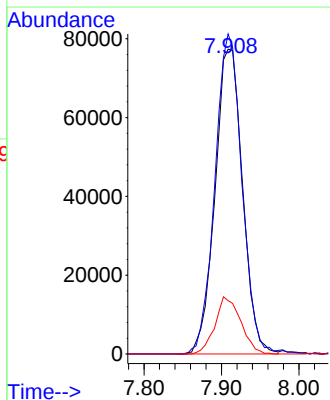
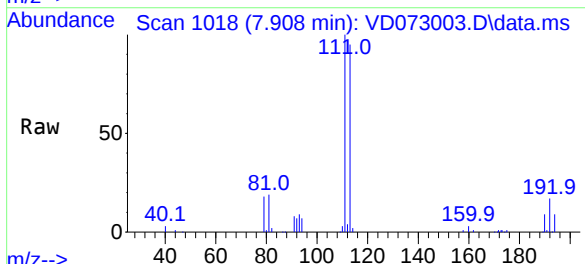
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MSVOA_D
ClientSampleId :
P007-SS005-0006-01

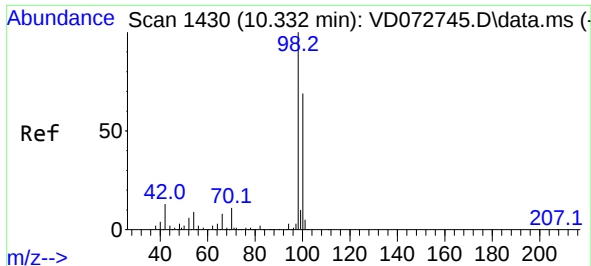
Tgt Ion:	114	Resp:	587355
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	46.6
88	14.6	0.0	33.2



#35
Dibromofluoromethane
Concen: 46.352 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073003.D
Acq: 13 May 2022 21:44

Tgt Ion:	113	Resp:	191205
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.8	125.6
192	17.5	14.6	21.8

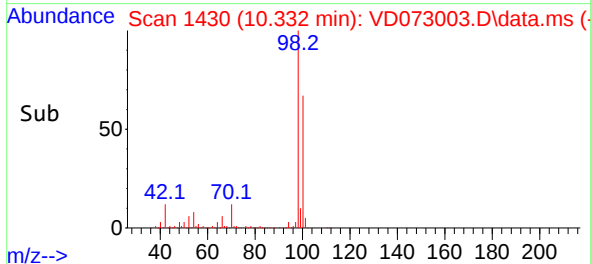
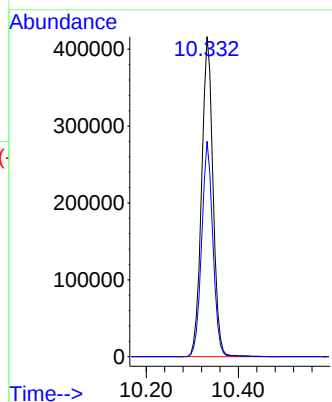
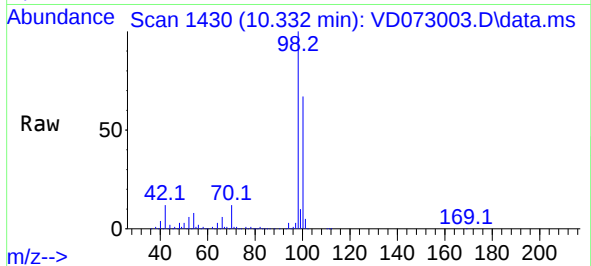




#50
Toluene-d8
Concen: 48.485 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073003.D
Acq: 13 May 2022 21:44

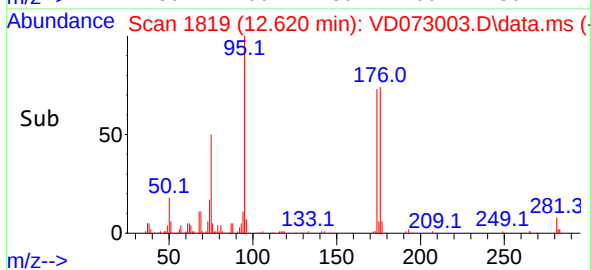
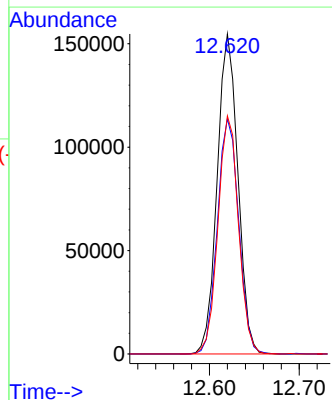
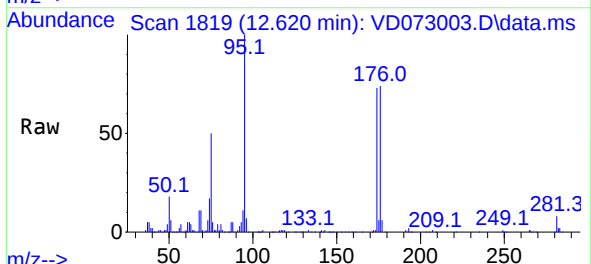
Instrument :
MSVOA_D
ClientSampleId :
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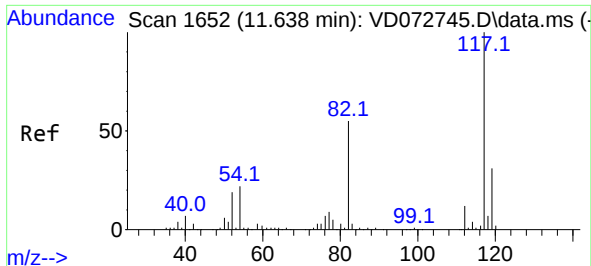
Tgt Ion: 98 Resp: 717428
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.997 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073003.D
Acq: 13 May 2022 21:44

Tgt Ion: 95 Resp: 248268
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 73.7 0.0 145.4

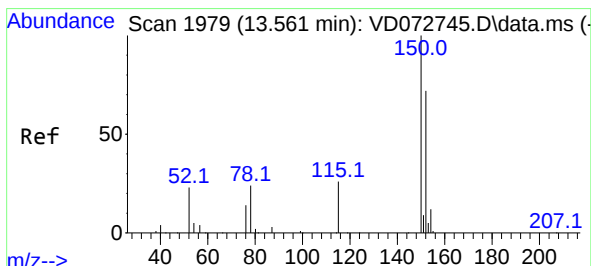
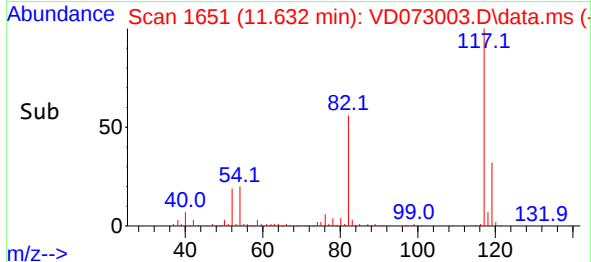
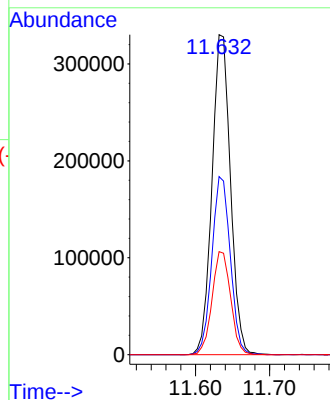
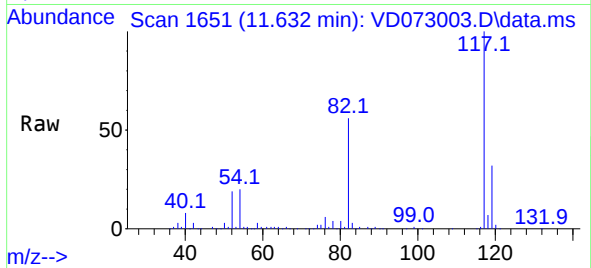




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073003.D
Acq: 13 May 2022 21:44

Instrument :
MSVOA_D
ClientSampleId :
P007-SS005-0006-01

Tgt Ion:117 Resp: 572348
Ion Ratio Lower Upper
117 100
82 55.7 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: VD073003.D
Acq: 13 May 2022 21:44

Tgt Ion:152 Resp: 246408
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 157.9 0.0 348.6

