

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073434.D
 Acq On : 31 May 2022 19:42
 Operator : VA/SY
 Sample : N3109-03
 Misc : 5.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB-9

Quant Time: Jun 01 01:39:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	57565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	94928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	113786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	54592	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	46927	73.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.520%
35) Dibromofluoromethane	7.908	113	42221	67.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.800%
50) Toluene-d8	10.332	98	119167	51.608	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.620	95	49209	60.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.460%

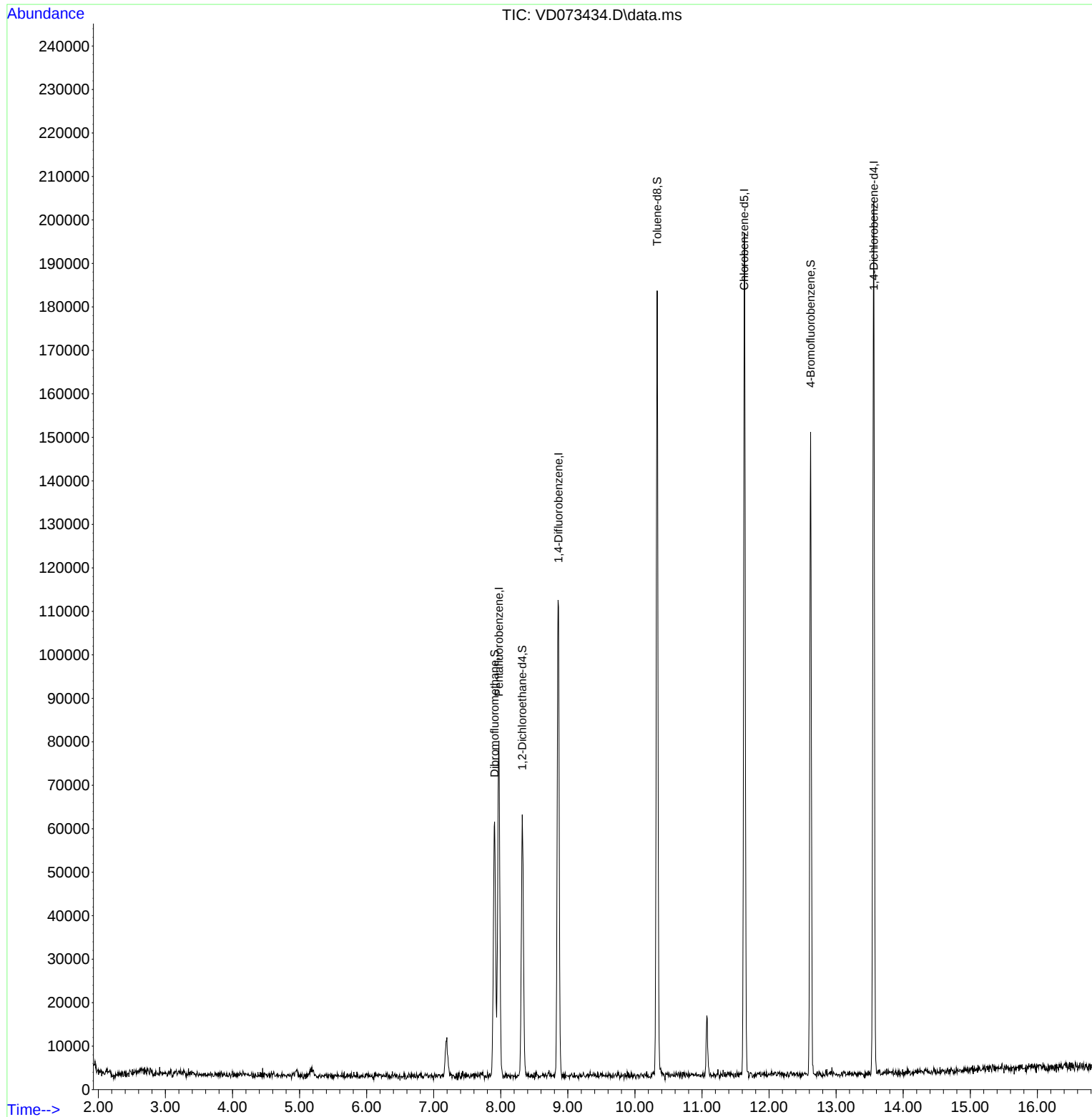
Target Compounds	Qvalue

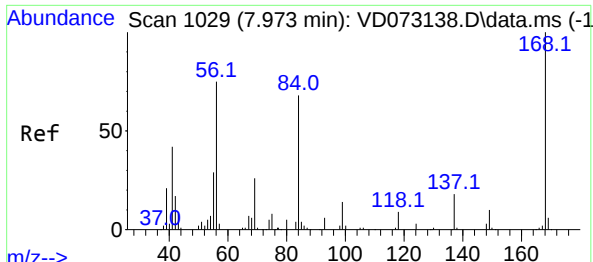
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073434.D

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MSVOA_D

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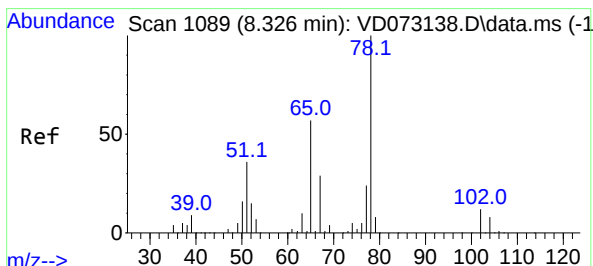
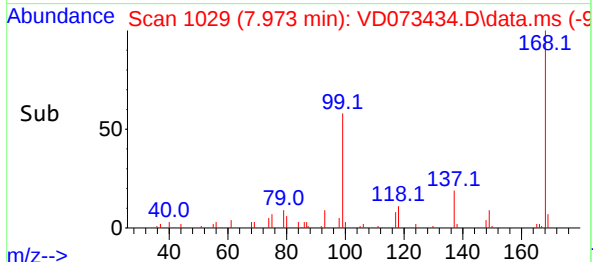
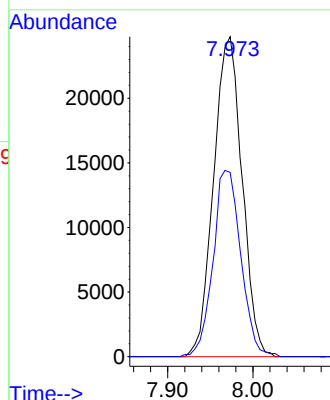
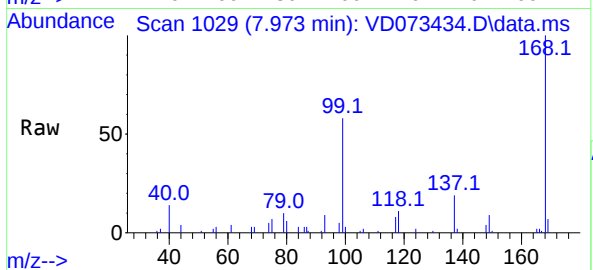
BB-9

Tgt Ion:168 Resp: 57565

Ion Ratio Lower Upper

168 100

99 57.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 73.764 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073434.D

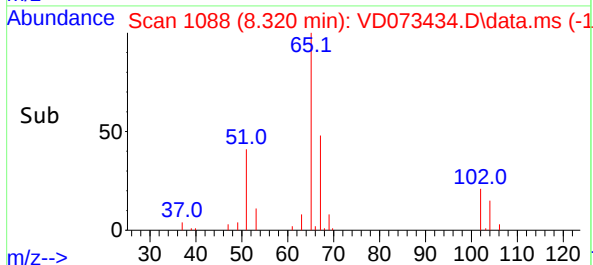
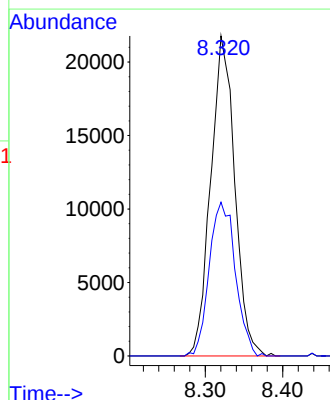
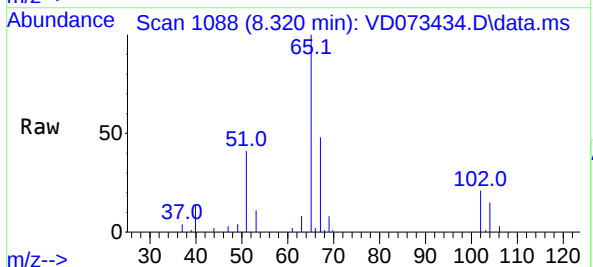
Acq: 31 May 2022 19:42

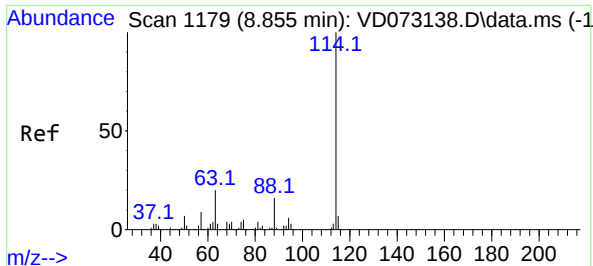
Tgt Ion: 65 Resp: 46927

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4

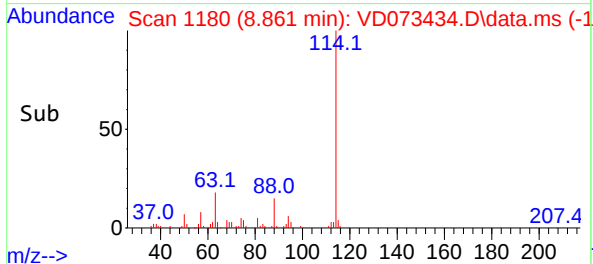
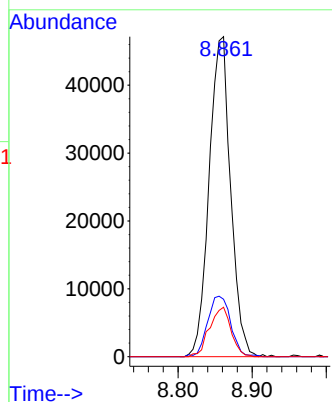
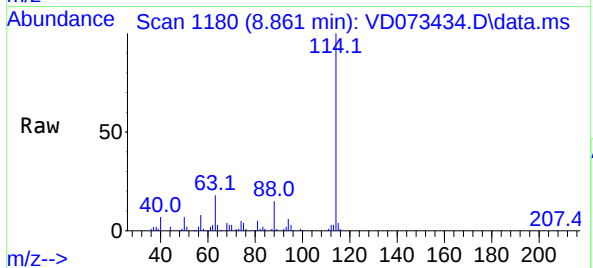




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073434.D
Acq: 31 May 2022 19:42

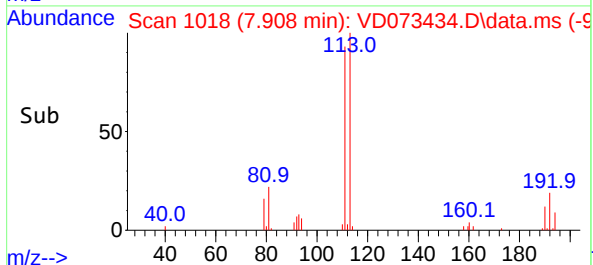
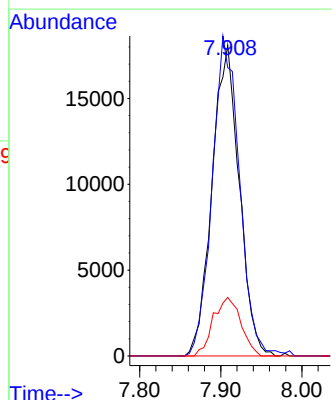
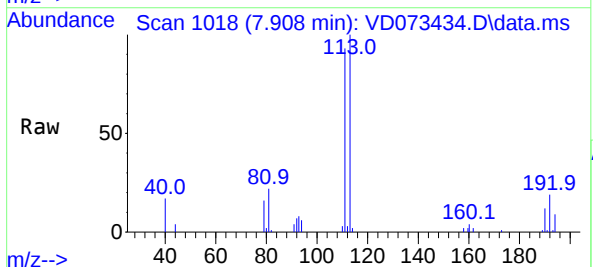
Instrument :
MSVOA_D
ClientSampleId :
BB-9

Tgt Ion:	114	Resp:	94928
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	46.6
88	15.5	0.0	33.2



#35
Dibromofluoromethane
Concen: 67.403 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073434.D
Acq: 31 May 2022 19:42

Tgt Ion:	113	Resp:	42221
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.8	125.6
192	19.1	14.6	21.8

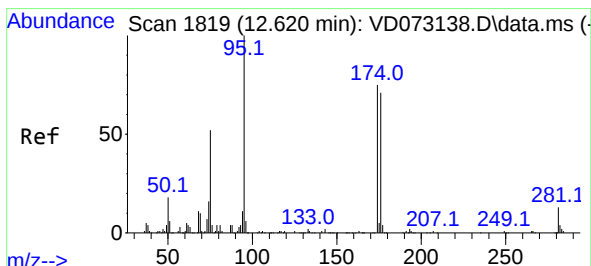
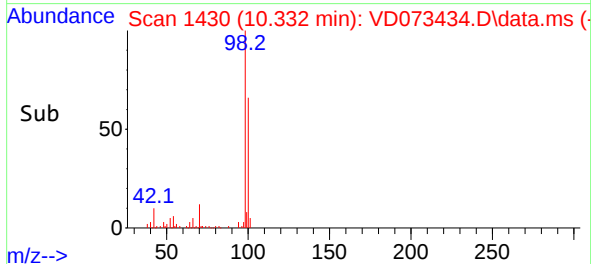
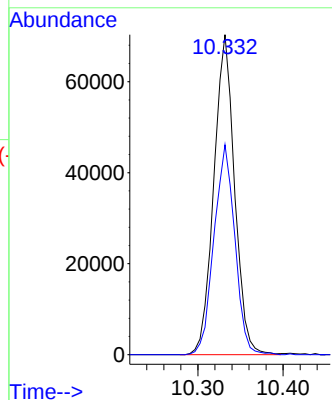
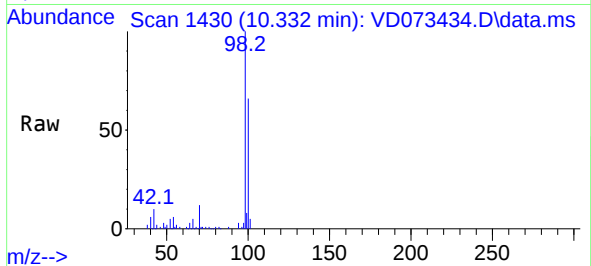




#50
Toluene-d8
Concen: 51.608 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073434.D
Acq: 31 May 2022 19:42

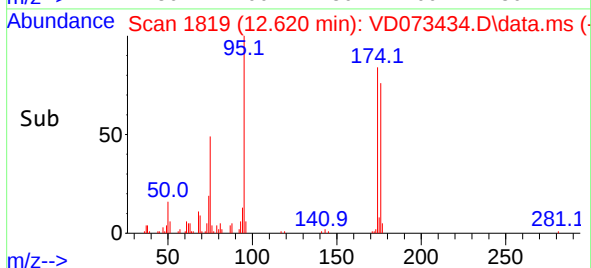
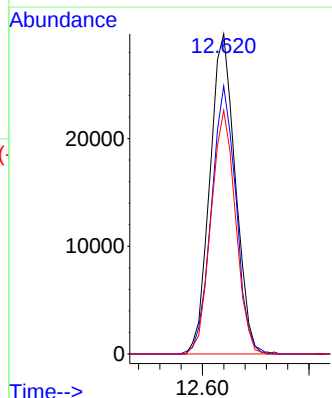
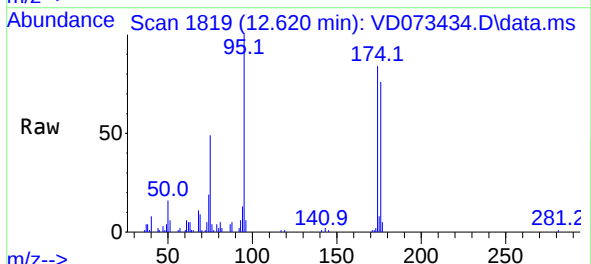
Instrument :
MSVOA_D
ClientSampleId :
BB-9

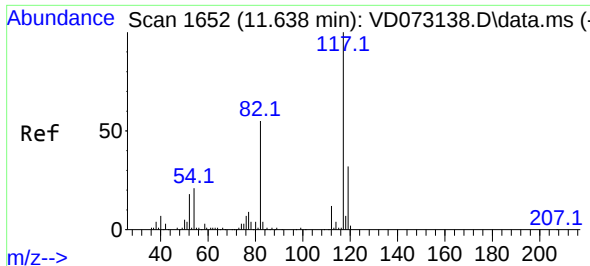
Tgt Ion: 98 Resp: 119167
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073434.D
Acq: 31 May 2022 19:42

Tgt Ion: 95 Resp: 49209
Ion Ratio Lower Upper
95 100
174 81.1 0.0 152.8
176 73.5 0.0 145.4

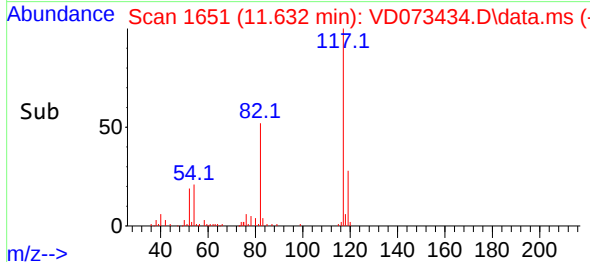
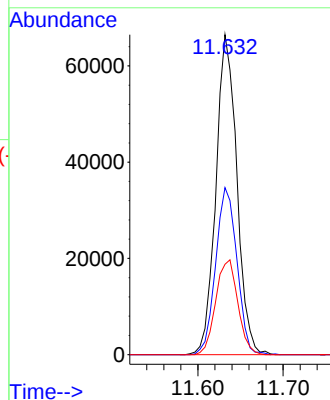
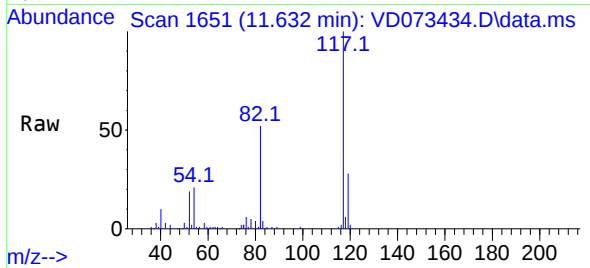




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073434.D
Acq: 31 May 2022 19:42

Instrument :
MSVOA_D
ClientSampleId :
BB-9

Tgt Ion:117 Resp: 113786
Ion Ratio Lower Upper
117 100
82 52.2 45.3 67.9
119 28.3 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: VD073434.D
Acq: 31 May 2022 19:42

Tgt Ion:152 Resp: 54592
Ion Ratio Lower Upper
152 100
115 58.5 31.3 93.8
150 156.4 0.0 348.6

