

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073409.D
 Acq On : 27 May 2022 14:13
 Operator : VA/SY
 Sample : N3077-01
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-052622

Quant Time: May 28 09:43:52 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	7.956	168	3537	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.861	114	6079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	6526	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	2385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3512	89.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.700%#	
35) Dibromofluoromethane	7.903	113	3080	76.783	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 153.560%#	
50) Toluene-d8	10.326	98	7342	49.653	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.614	95	2167	41.759	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.520%	

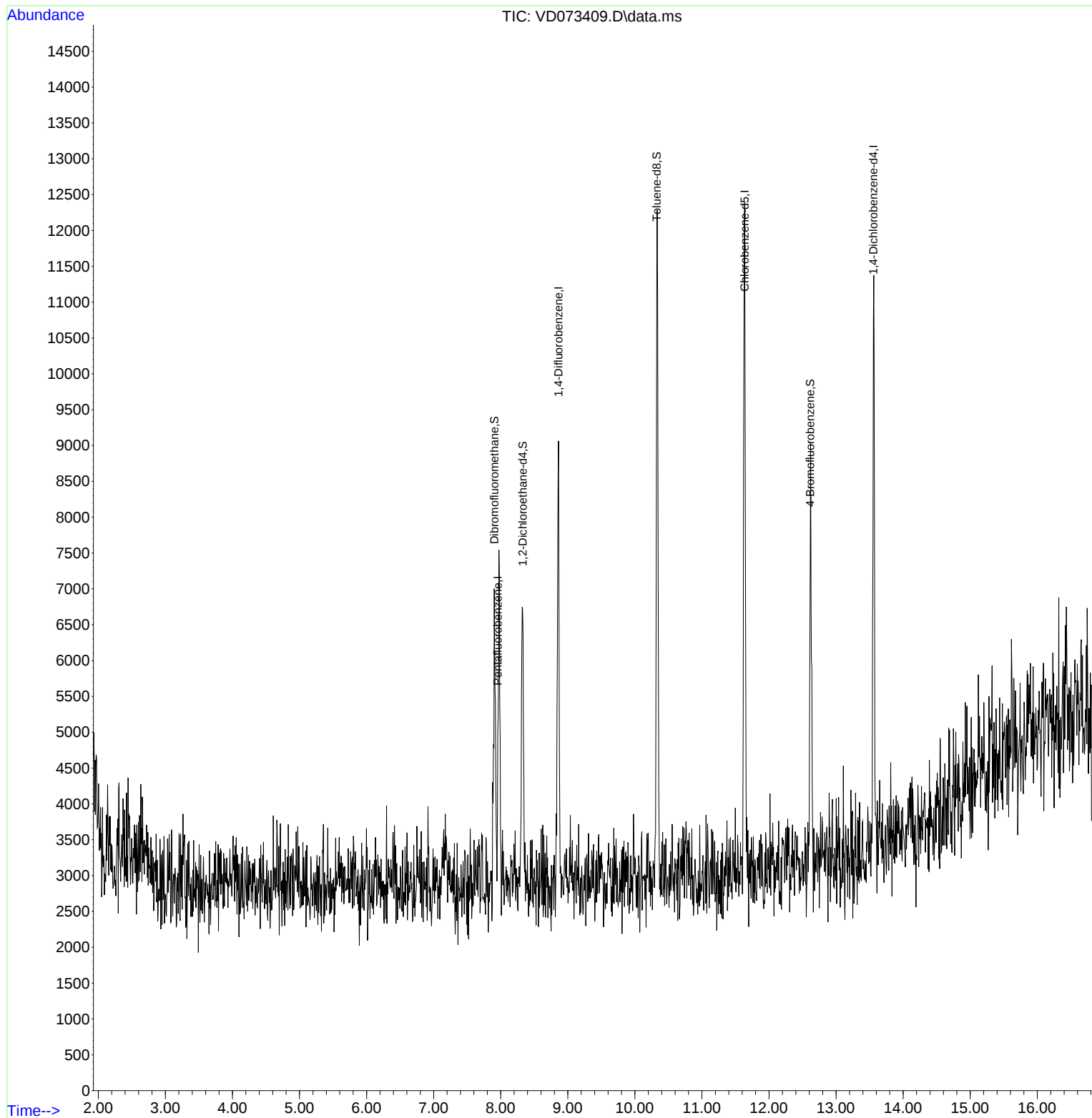
Target Compounds	Qvalue

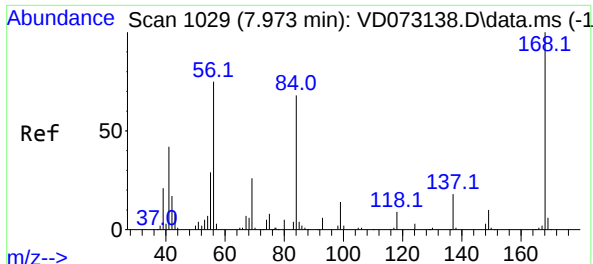
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.956 min Scan# 1026

Delta R.T. -0.017 min

Lab File: VD073409.D

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Instrument :

MSVOA_D

ClientSampleId :

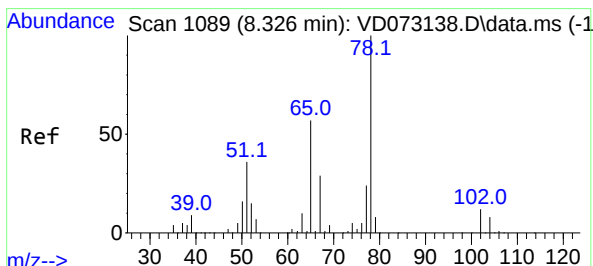
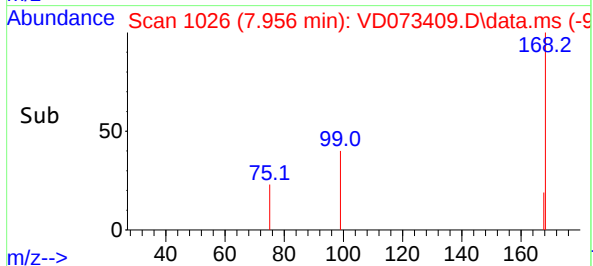
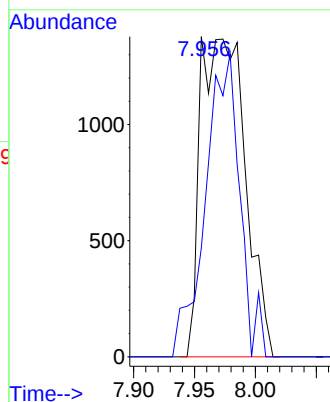
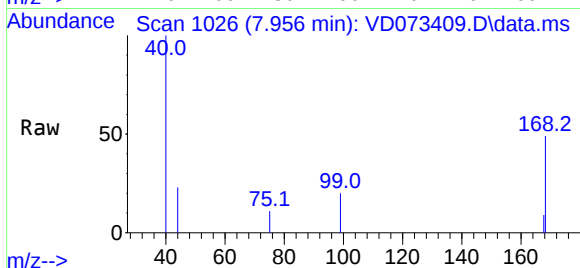
CL-02-052622

Tgt Ion:168 Resp: 3537

Ion Ratio Lower Upper

168 100

99 34.0 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 89.847 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073409.D

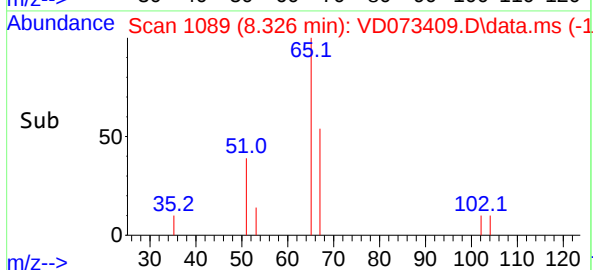
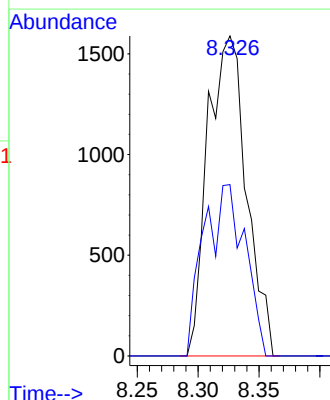
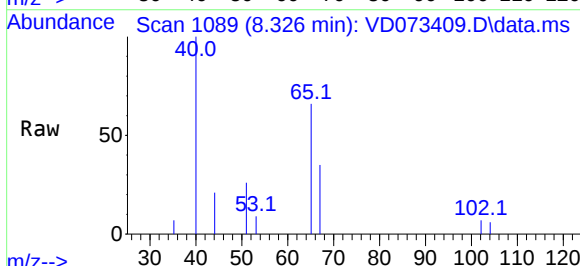
Acq: 27 May 2022 14:13

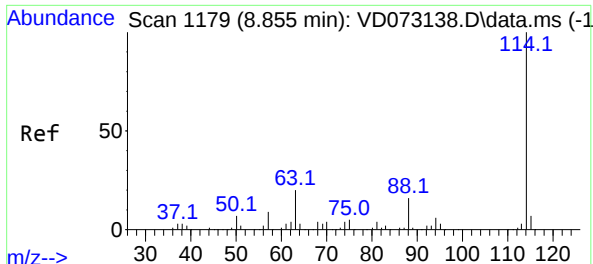
Tgt Ion: 65 Resp: 3512

Ion Ratio Lower Upper

65 100

67 56.9 0.0 101.4

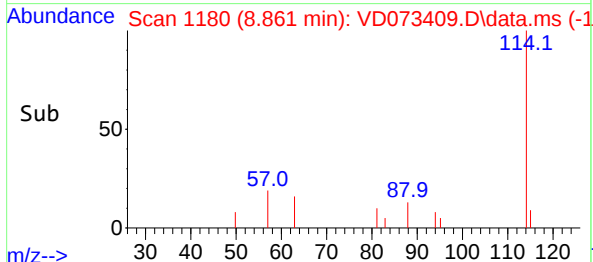
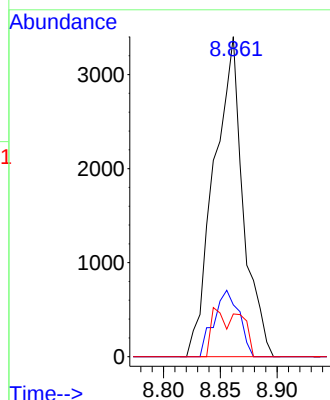
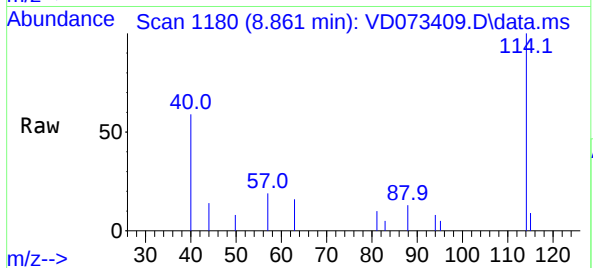




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

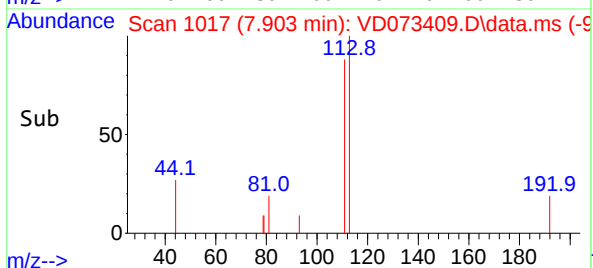
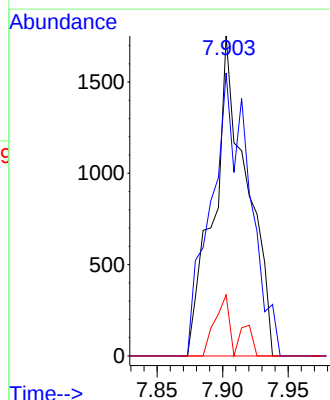
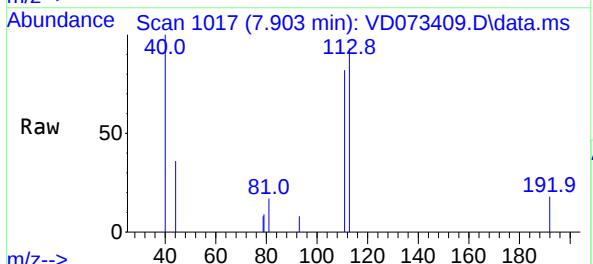
Instrument :
MSVOA_D
ClientSampleId :
CL-02-052622

Tgt Ion:114 Resp: 6079
Ion Ratio Lower Upper
114 100
63 16.2 0.0 46.6
88 13.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 76.783 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Tgt Ion:113 Resp: 3080
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 11.9 14.6 21.8#

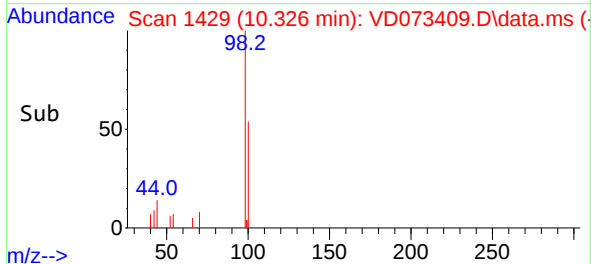
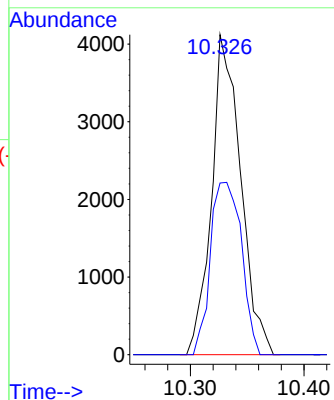
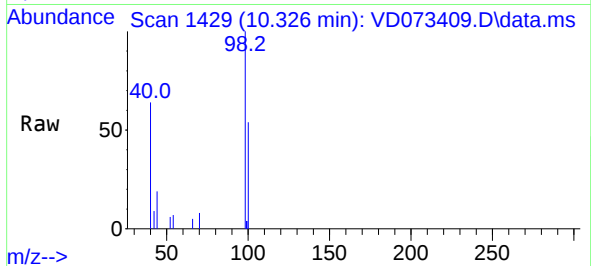




#50
Toluene-d8
Concen: 49.653 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

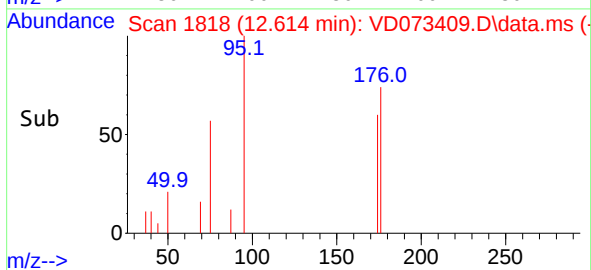
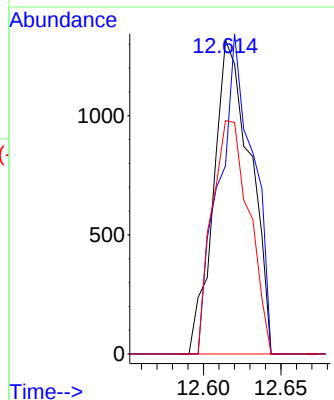
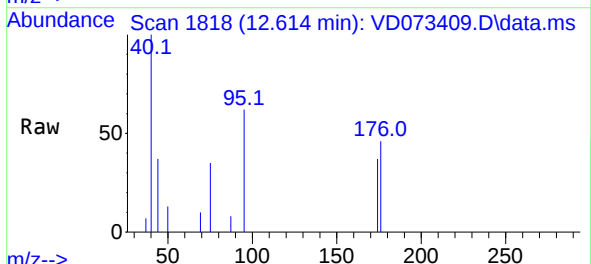
Instrument :
MSVOA_D
ClientSampleId :
CL-02-052622

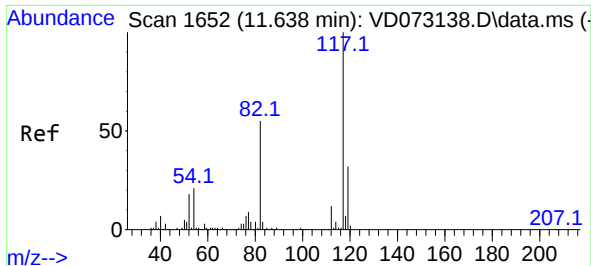
Tgt Ion: 98 Resp: 7342
Ion Ratio Lower Upper
98 100
100 57.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.759 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Tgt Ion: 95 Resp: 2167
Ion Ratio Lower Upper
95 100
174 94.4 0.0 152.8
176 75.1 0.0 145.4

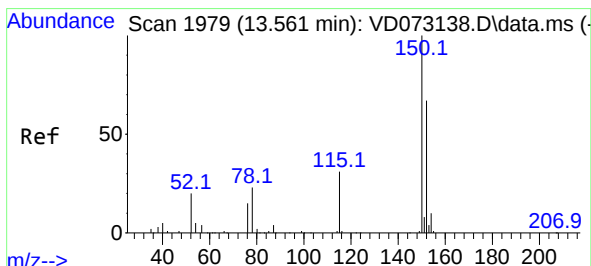
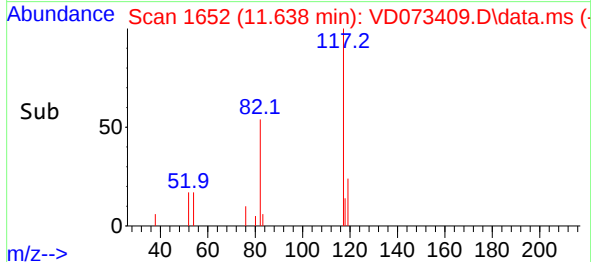
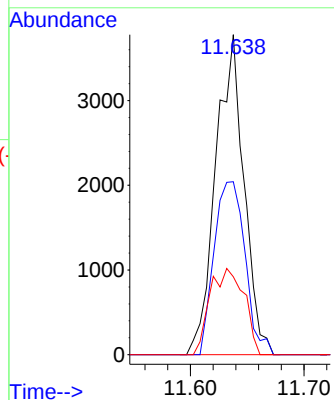
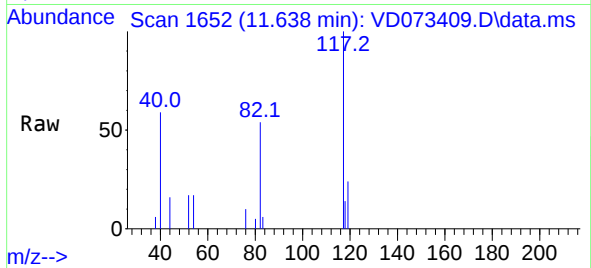




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :
CL-02-052622

Tgt Ion:117 Resp: 6526
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 24.4 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073409.D
Acq: 27 May 2022 14:13

Tgt Ion:152 Resp: 2385
Ion Ratio Lower Upper
152 100
115 71.3 31.3 93.8
150 194.3 0.0 348.6

