

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073001.D
 Acq On : 13 May 2022 20:46
 Operator : VA/SY
 Sample : N2816-11
 Misc : 5.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS003-0006-01

Quant Time: May 16 05:16:39 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	307978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	536016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170237	42.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.160%
35) Dibromofluoromethane	7.909	113	179673	47.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.460%
50) Toluene-d8	10.332	98	665810	49.306	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.620	95	239811	47.628	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.260%

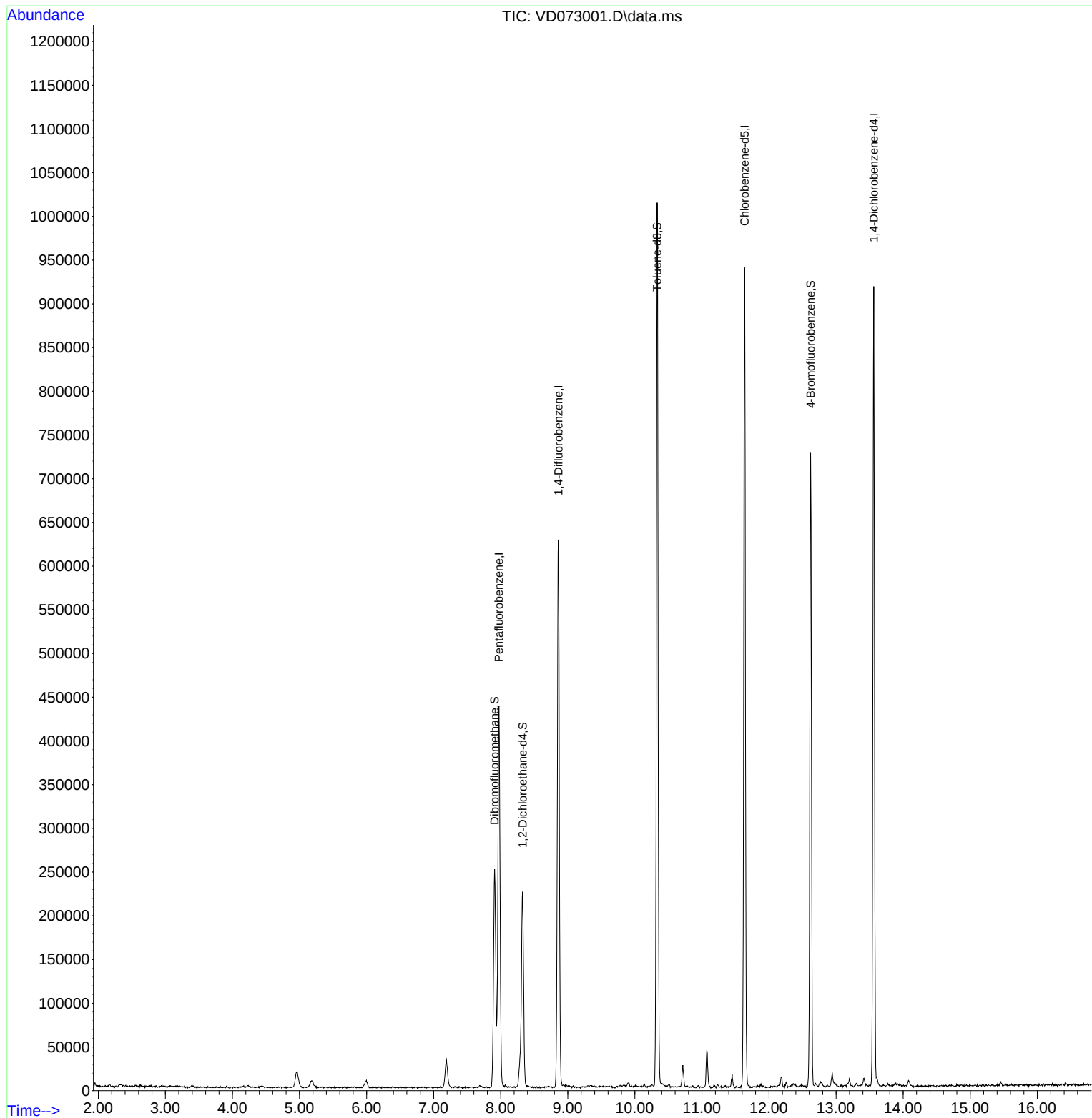
Target Compounds	Qvalue

(#) = 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: VD073001.D

Acq: 13 May 2022 20:46

Instrument :

MSVOA_D

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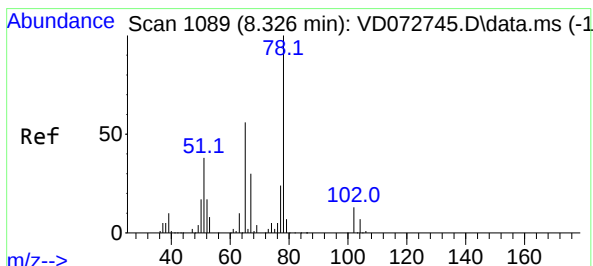
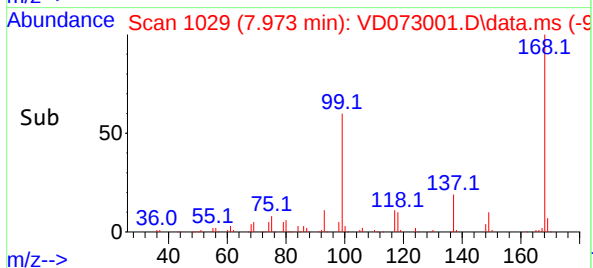
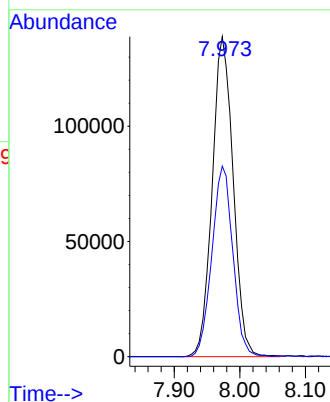
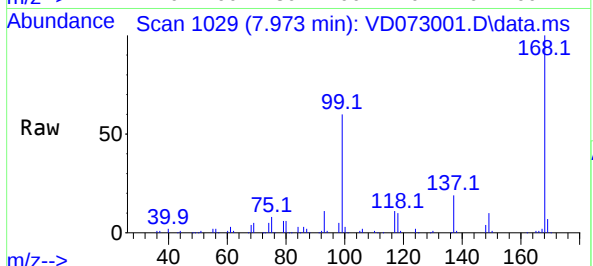
P007-SS003-0006-01

Tgt Ion:168 Resp: 307978

Ion Ratio Lower Upper

168 100

99 59.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 42.583 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073001.D

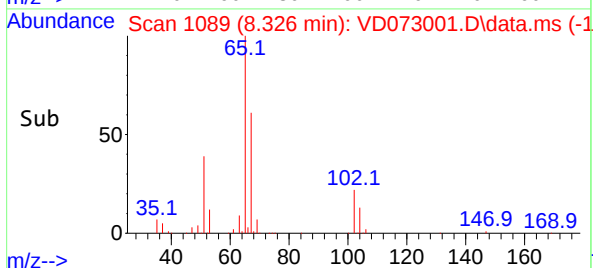
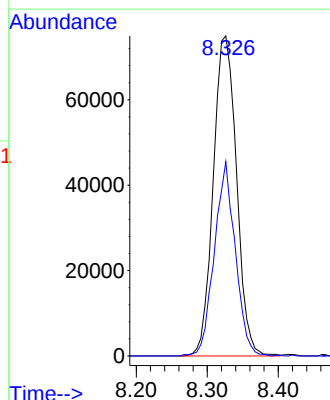
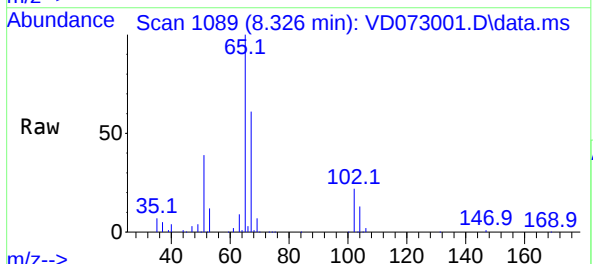
Acq: 13 May 2022 20:46

Tgt Ion: 65 Resp: 170237

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.4

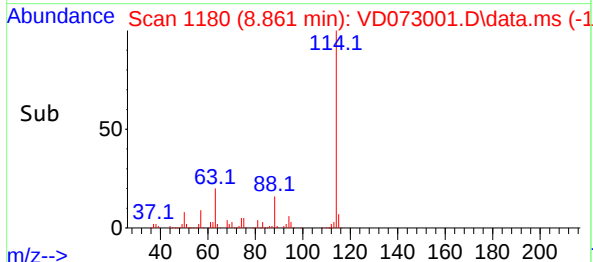
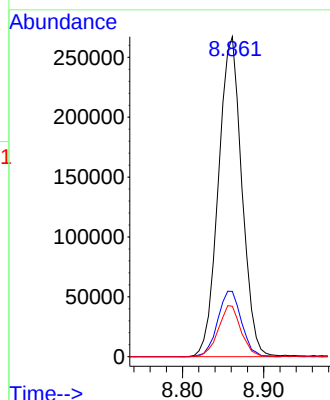
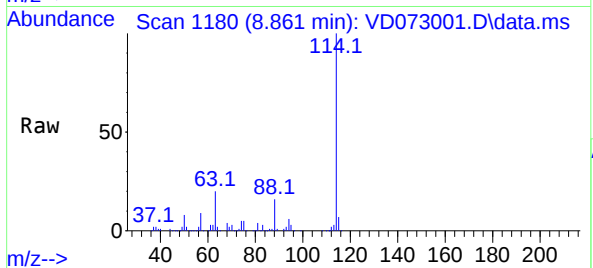




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073001.D
Acq: 13 May 2022 20:46

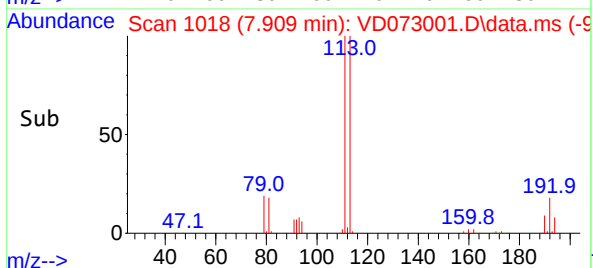
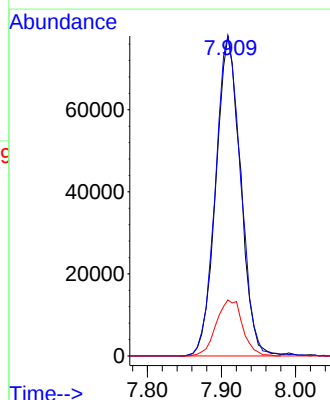
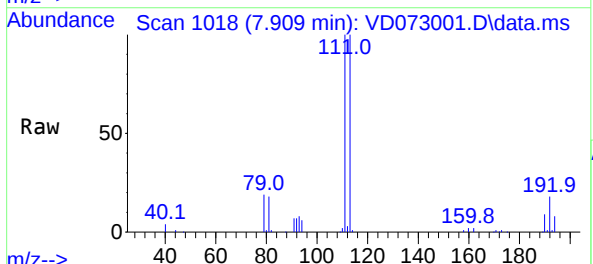
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P007-SS003-0006-01

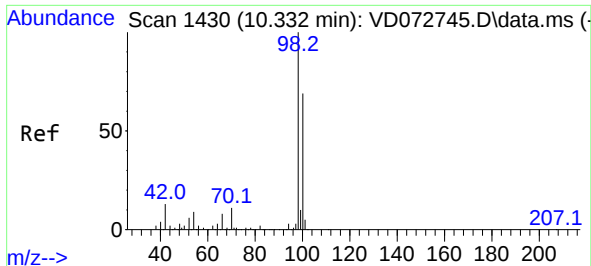
Tgt Ion:	114	Resp:	536016
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	46.6
88	15.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 47.728 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073001.D
Acq: 13 May 2022 20:46

Tgt Ion:	113	Resp:	179673
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.8	125.6
192	18.8	14.6	21.8

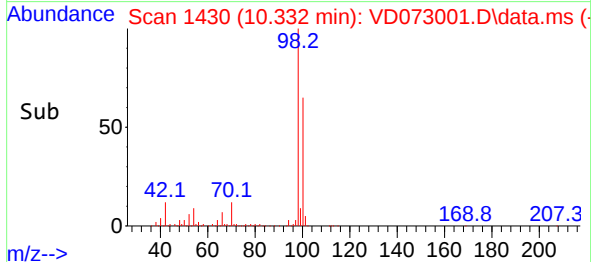
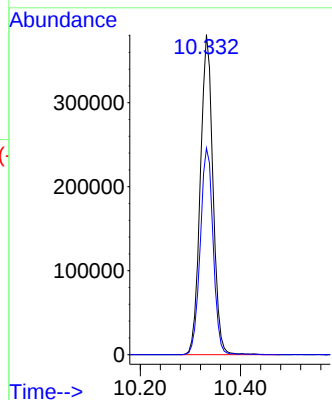
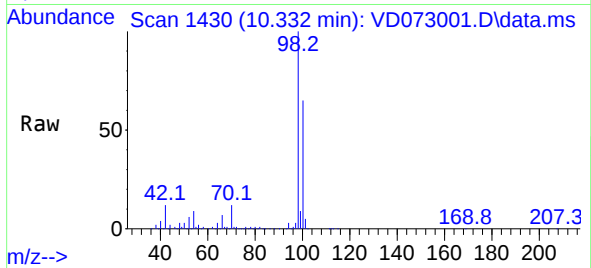




#50
Toluene-d8
Concen: 49.306 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073001.D
Acq: 13 May 2022 20:46

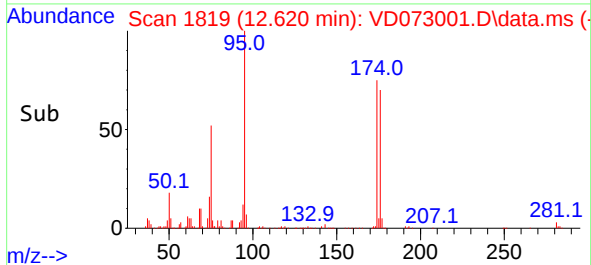
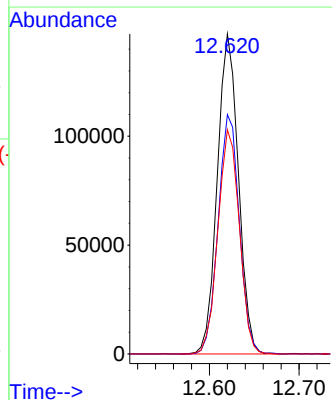
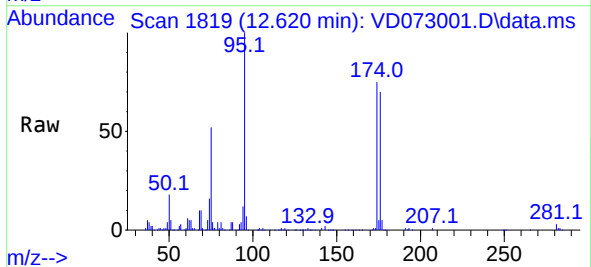
Instrument :
MSVOA_D
ClientSampleId :
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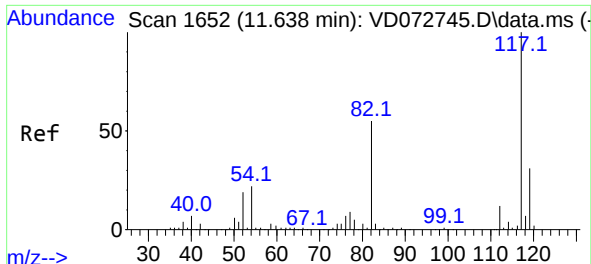
Tgt Ion: 98 Resp: 665810
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.628 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073001.D
Acq: 13 May 2022 20:46

Tgt Ion: 95 Resp: 239811
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 71.2 0.0 145.4

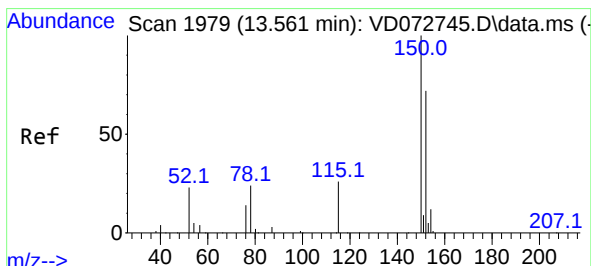
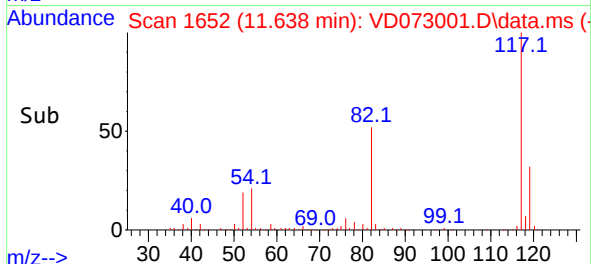
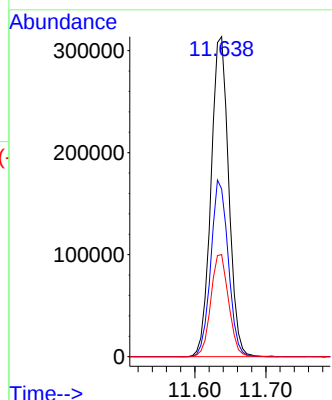
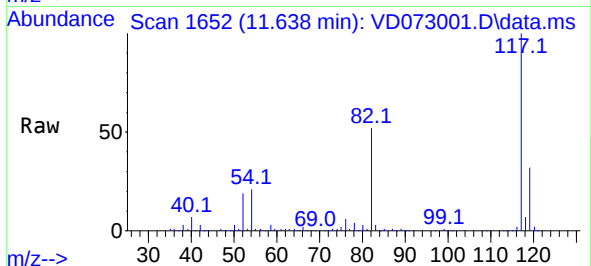




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073001.D
Acq: 13 May 2022 20:46

Instrument :
MSVOA_D
ClientSampleId :
P007-SS003-0006-01

Tgt Ion:117 Resp: 542088
Ion Ratio Lower Upper
117 100
82 52.4 45.3 67.9
119 31.9 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: VD073001.D
Acq: 13 May 2022 20:46

Tgt Ion:152 Resp: 239990
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 154.1 0.0 348.6

