

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073204.D
 Acq On : 21 May 2022 01:08
 Operator : VA/SY
 Sample : N2885-06
 Misc : 4.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS003-0006-01

Quant Time: May 21 03:54:19 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	291894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	509808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	530120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	225007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	160063	49.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.240%
35) Dibromofluoromethane	7.908	113	173957	51.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.420%
50) Toluene-d8	10.332	98	630363	50.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.620	95	221972	51.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.020%

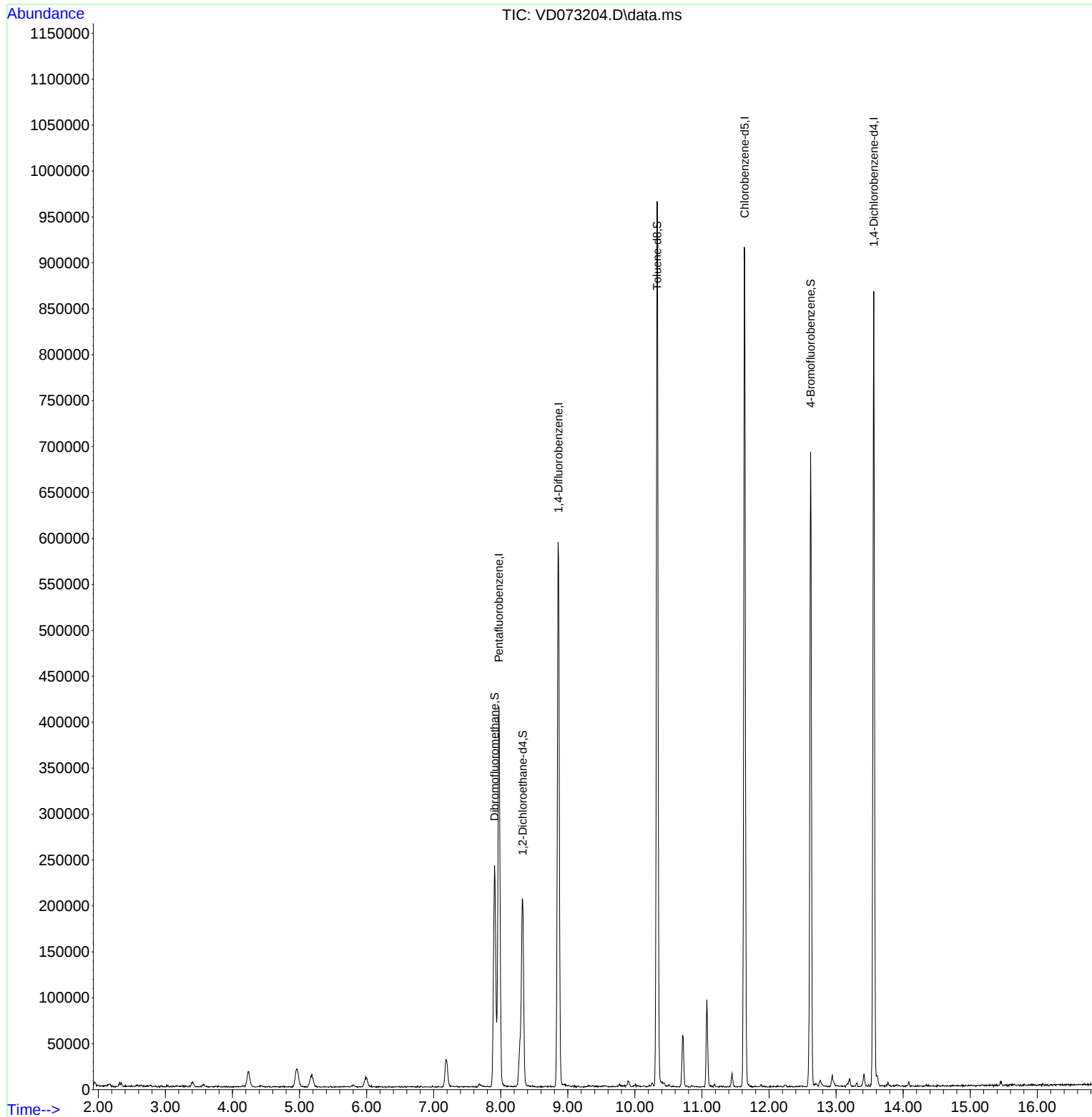
Target Compounds	Qvalue

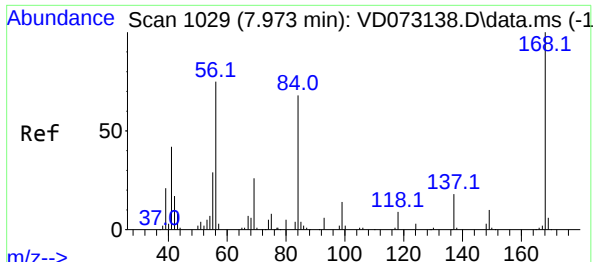
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073204.D

Acq: 21 May 2022 01:08

Instrument :

MSVOA_D

ClientSampleId :

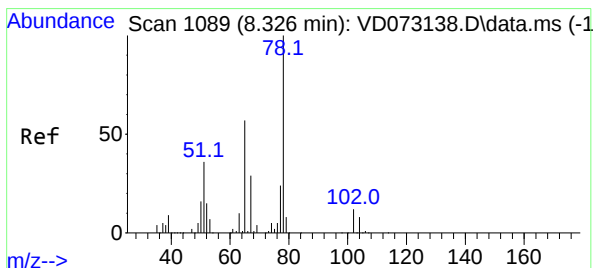
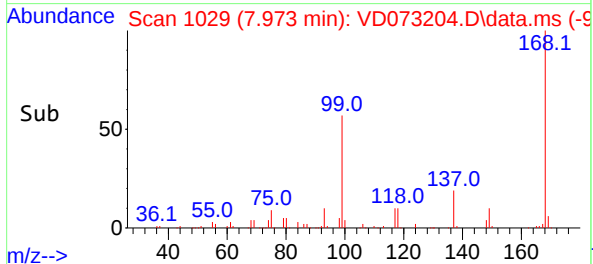
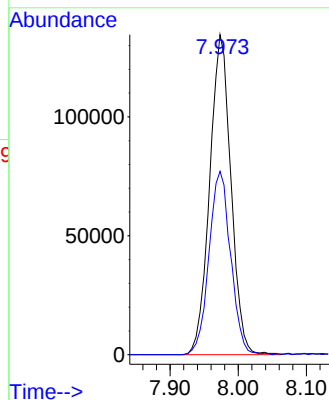
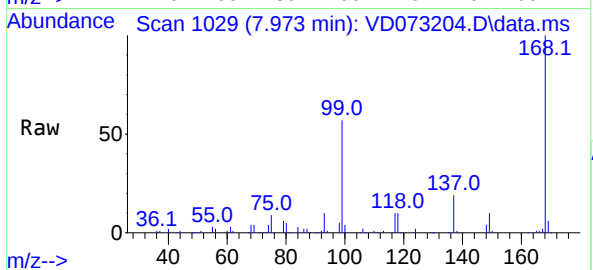
P004-SS003-0006-01

Tgt Ion:168 Resp: 291894

Ion Ratio Lower Upper

168 100

99 57.3 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 49.619 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073204.D

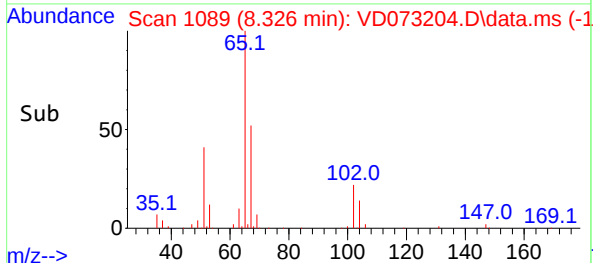
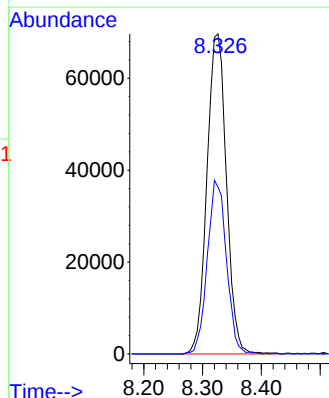
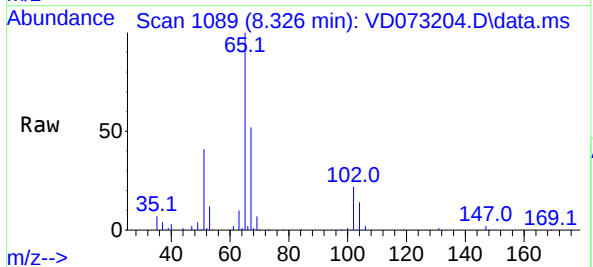
Acq: 21 May 2022 01:08

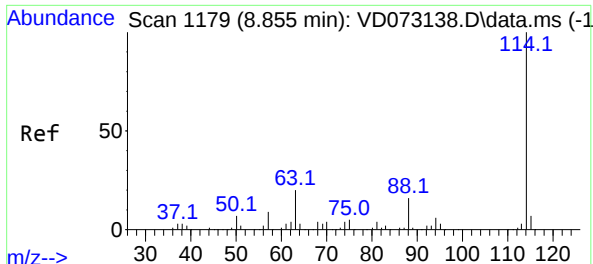
Tgt Ion: 65 Resp: 160063

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4

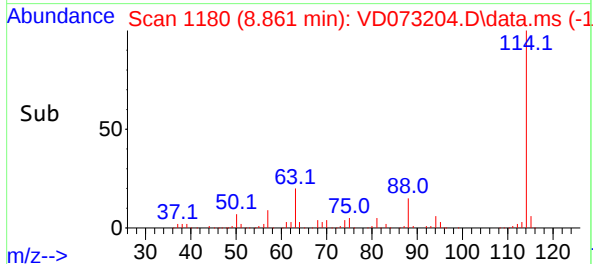
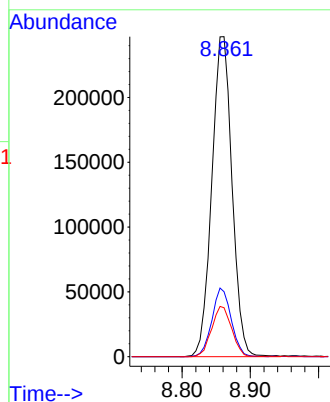
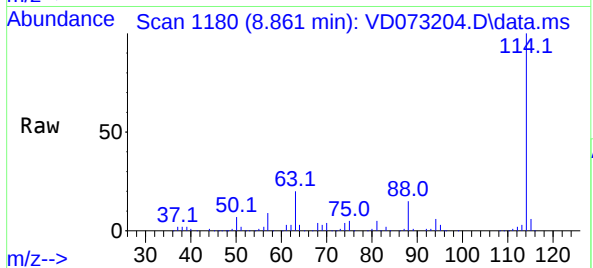




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

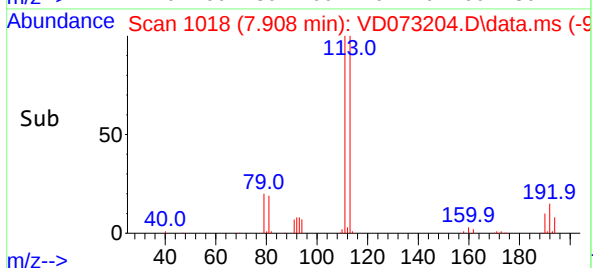
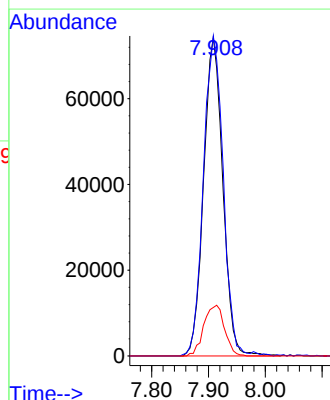
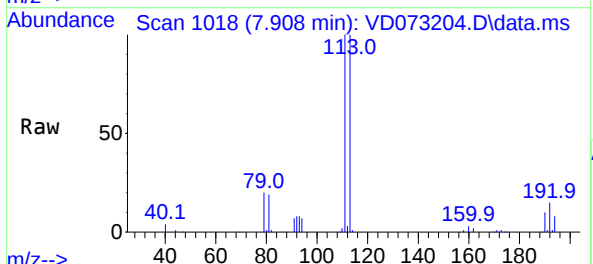
Instrument :
MSVOA_D
ClientSampleId :
P004-SS003-0006-01

Tgt Ion:114 Resp: 509808
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.6
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.711 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

Tgt Ion:113 Resp: 173957
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.2 14.6 21.8

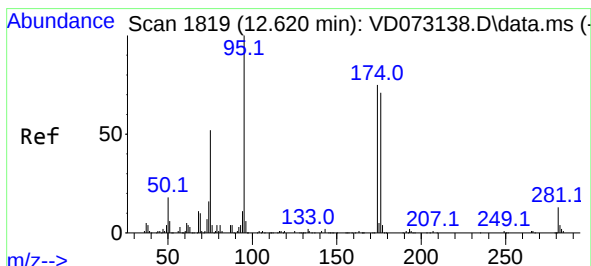
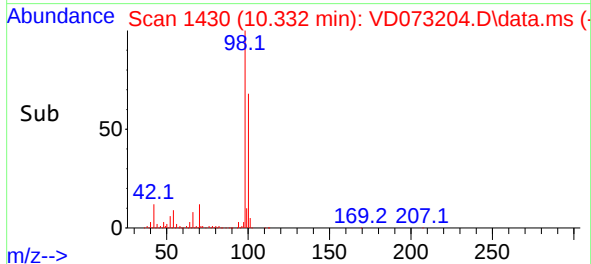
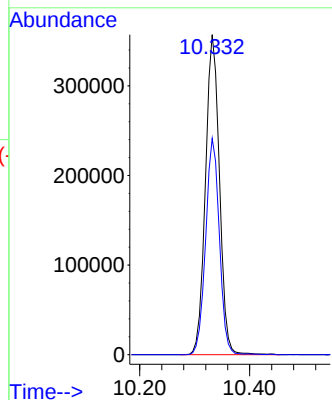
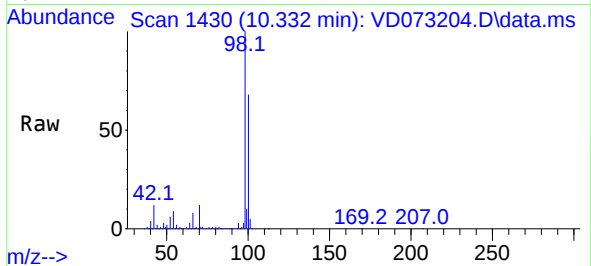




#50
Toluene-d8
Concen: 50.833 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

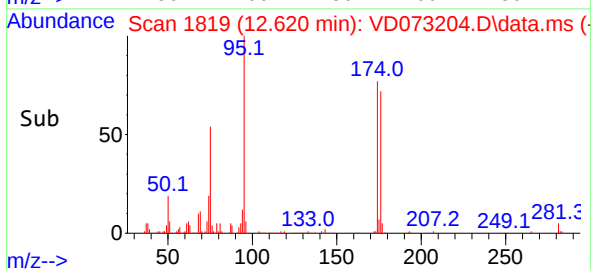
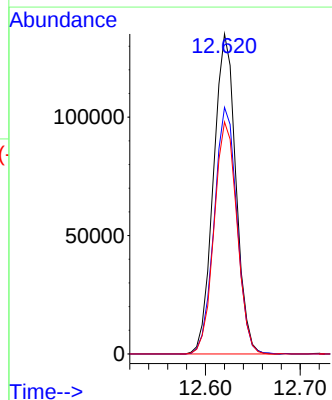
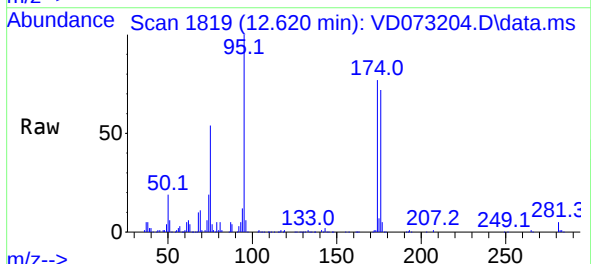
Instrument :
MSVOA_D
ClientSampleId :
P004-SS003-0006-01

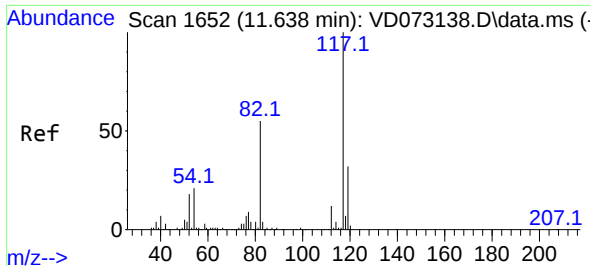
Tgt Ion: 98 Resp: 630363
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.005 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

Tgt Ion: 95 Resp: 221972
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 73.9 0.0 145.4

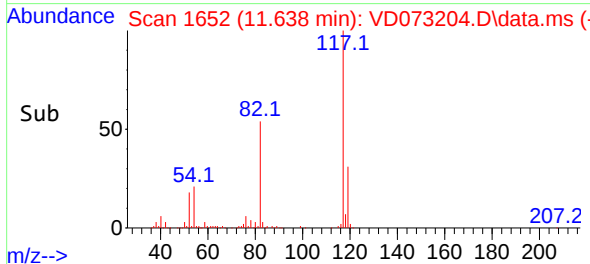
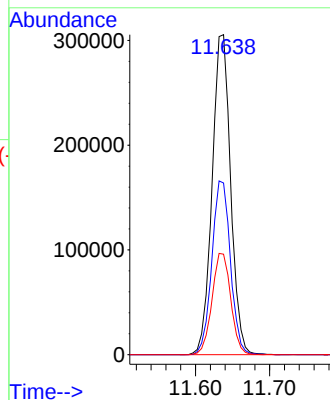
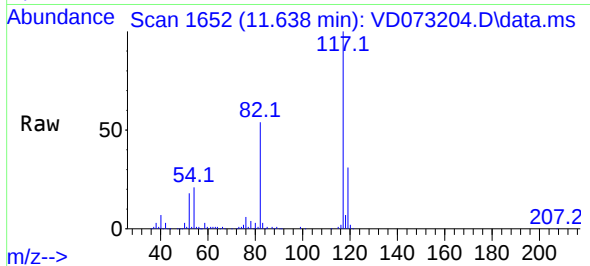




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073204.D
Acq: 21 May 2022 01:08

Instrument :
MSVOA_D
ClientSampleId :
P004-SS003-0006-01

Tgt Ion:117 Resp: 530120
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 31.4 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: VD073204.D
Acq: 21 May 2022 01:08

Tgt Ion:152 Resp: 225007
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 157.7 0.0 348.6

