

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073330.D
 Acq On : 24 May 2022 17:46
 Operator : VA/SY
 Sample : N2949-17
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-1824-01

Quant Time: May 25 05:28:24 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	288407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	518672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	554304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	164952	51.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.500%
35) Dibromofluoromethane	7.908	113	177685	51.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.332	98	639193	50.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.620	95	252282	56.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.960%

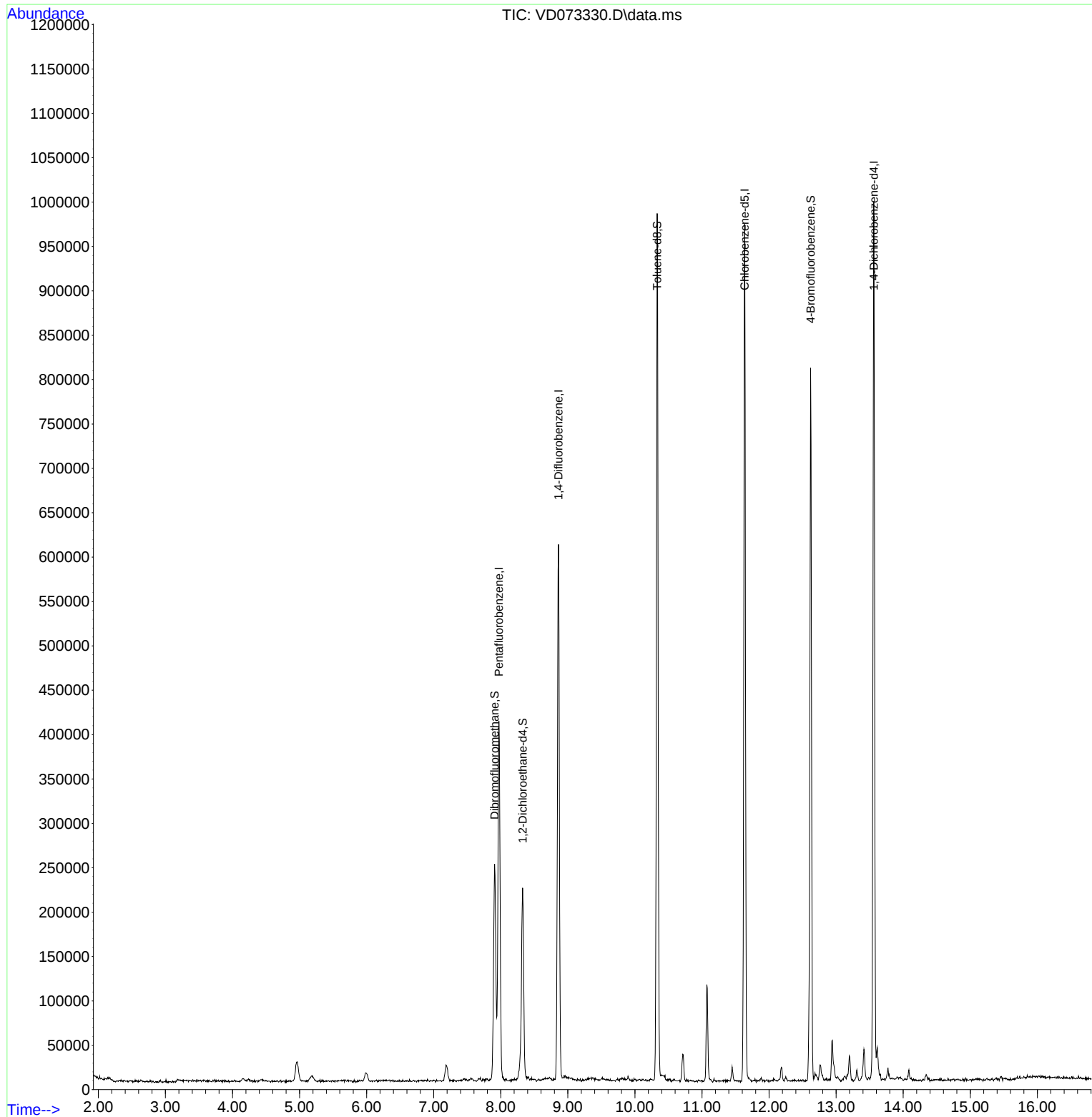
Target Compounds	Qvalue

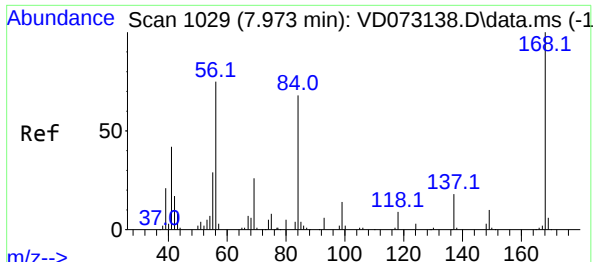
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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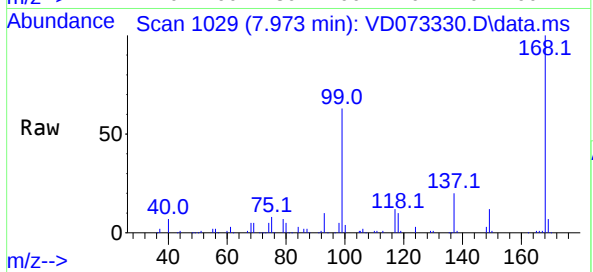
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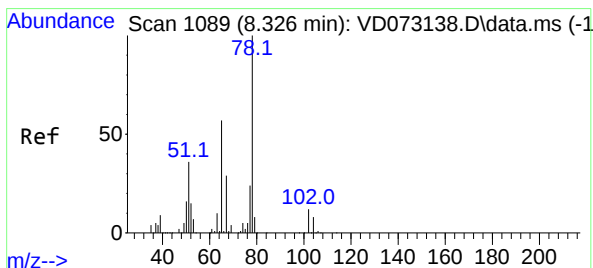
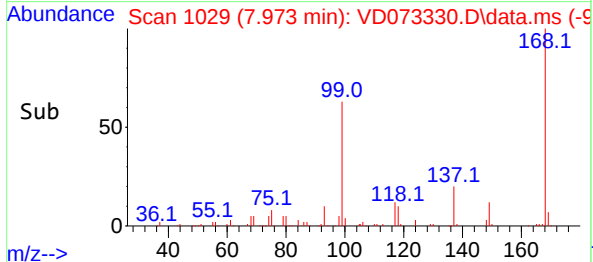
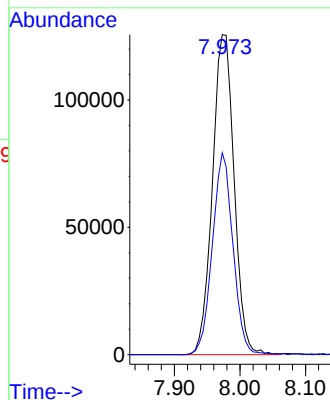


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073330.D
Acq: 24 May 2022 17:46

Instrument :
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ClientSampleId :
P044-SS001-1824-01

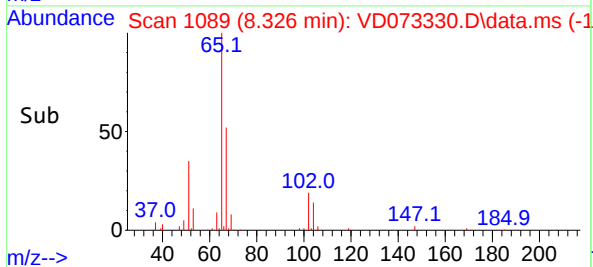
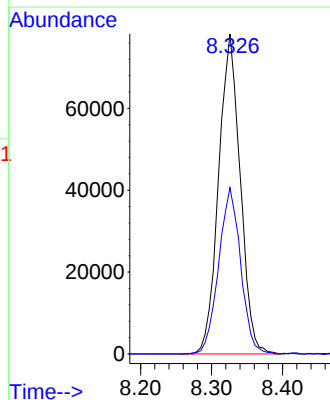
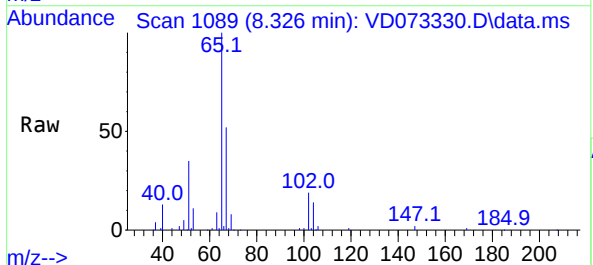


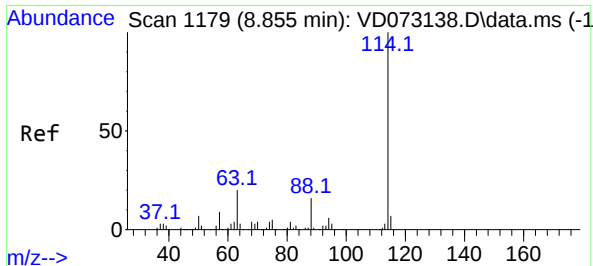
Tgt Ion:168 Resp: 288407
Ion Ratio Lower Upper
168 100
99 63.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.753 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073330.D
Acq: 24 May 2022 17:46

Tgt Ion: 65 Resp: 164952
Ion Ratio Lower Upper
65 100
67 52.8 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: VD073330.D

Acq: 24 May 2022 17:46

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-1824-01

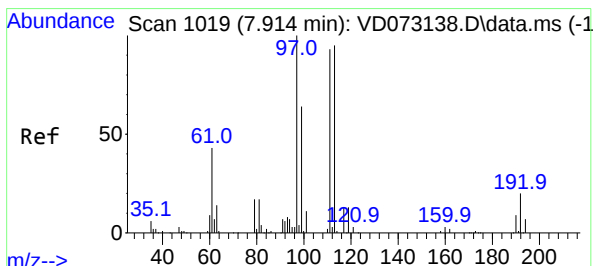
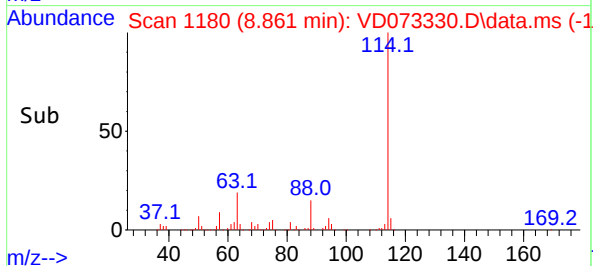
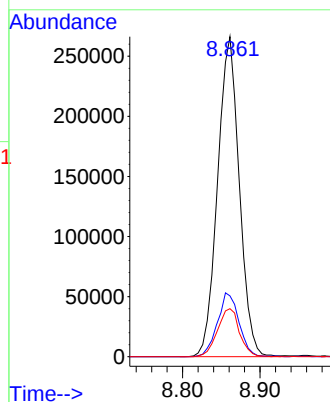
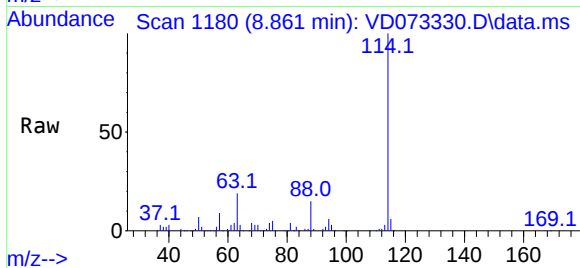
Tgt Ion:114 Resp: 518672

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.916 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073330.D

Acq: 24 May 2022 17:46

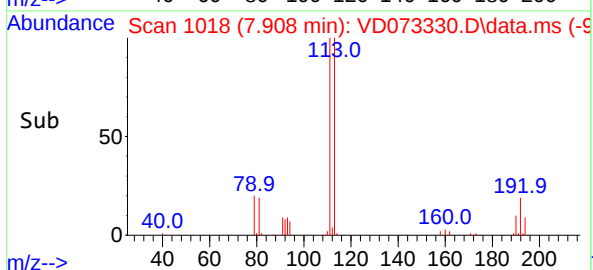
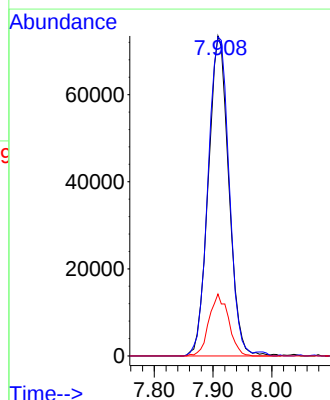
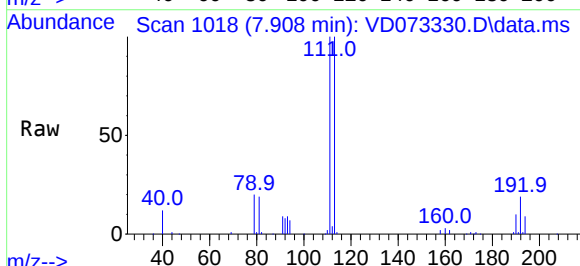
Tgt Ion:113 Resp: 177685

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.5 14.6 21.8

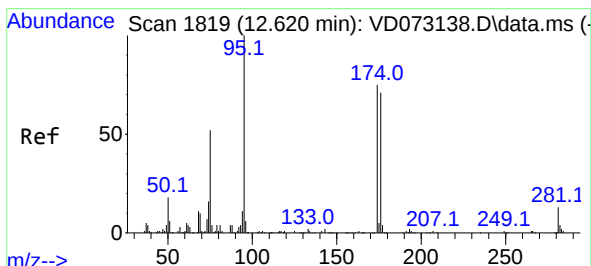
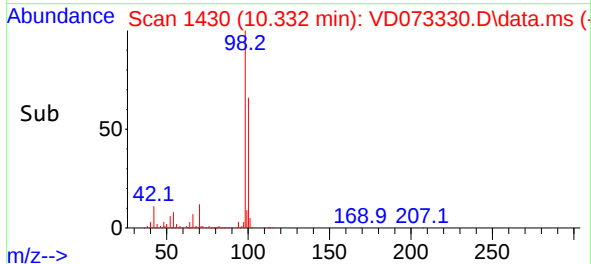
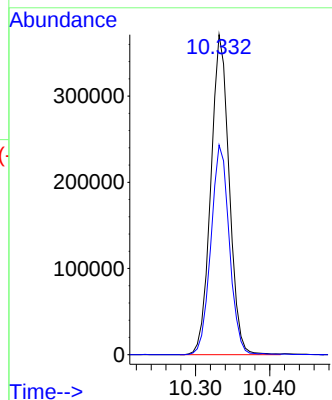
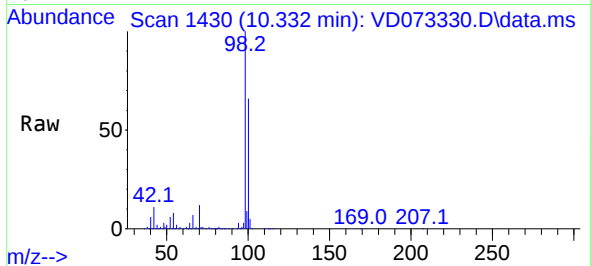




#50
Toluene-d8
Concen: 50.664 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073330.D
Acq: 24 May 2022 17:46

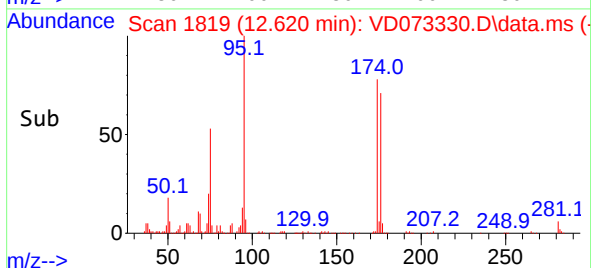
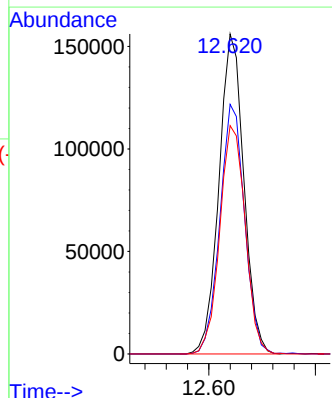
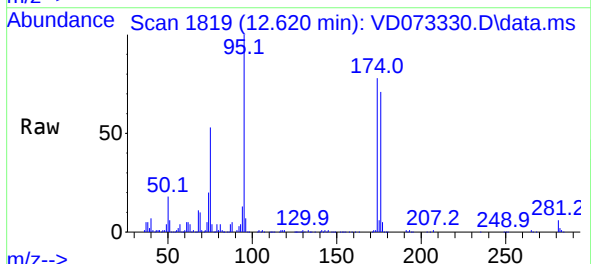
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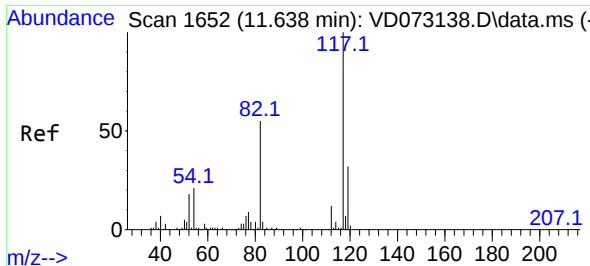
Tgt Ion: 98 Resp: 639193
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.979 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073330.D
Acq: 24 May 2022 17:46

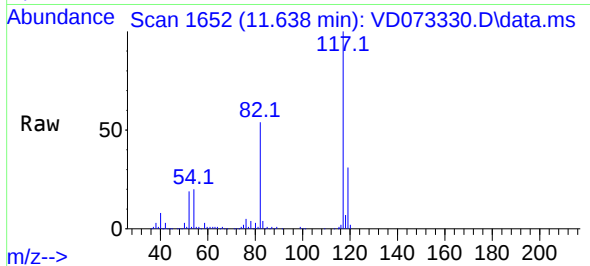
Tgt Ion: 95 Resp: 252282
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 73.1 0.0 145.4



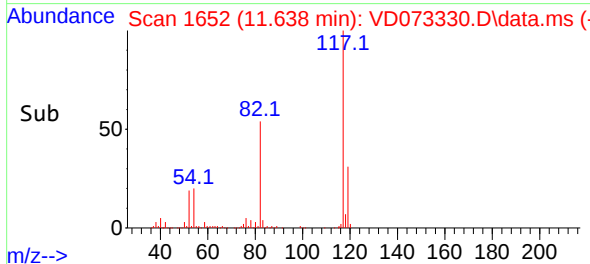
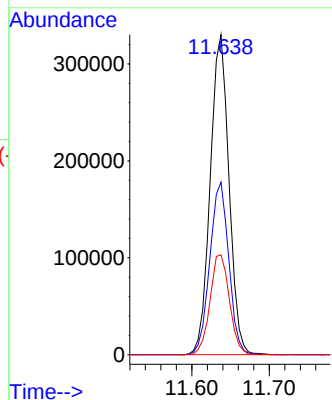


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073330.D
Acq: 24 May 2022 17:46

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1824-01



Tgt Ion:117 Resp: 554304
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.2 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: VD073330.D
Acq: 24 May 2022 17:46

Tgt Ion:152 Resp: 262397
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 158.9 0.0 348.6

