

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073228.D
 Acq On : 21 May 2022 14:29
 Operator : VA/SY
 Sample : VD0521SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBL01

Quant Time: May 22 01:31:30 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	314237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	556484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172952	49.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.908	113	188538	51.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.680%
50) Toluene-d8	10.332	98	692253	51.141	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.620	95	250661	52.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.540%

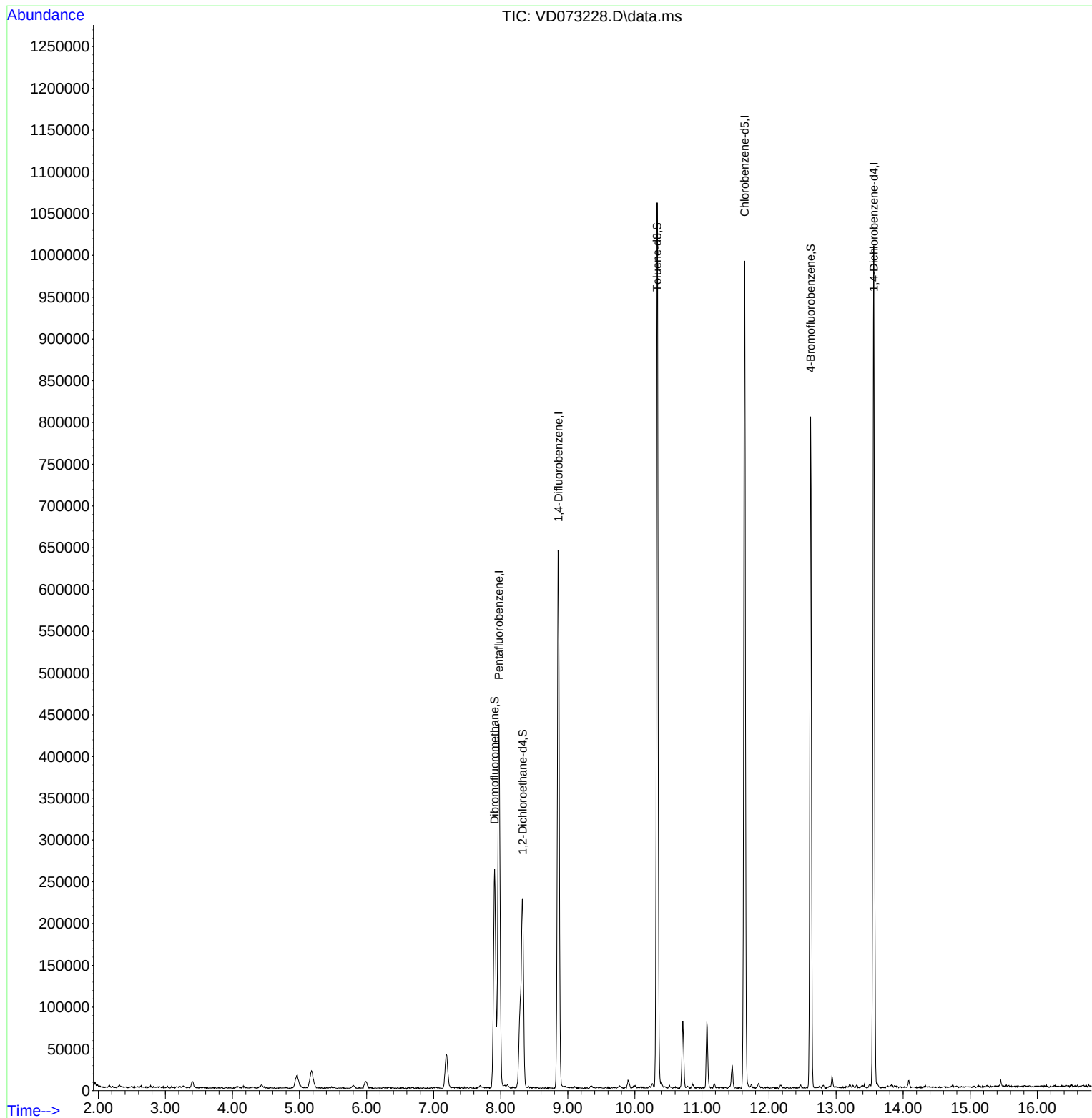
Target Compounds	Qvalue

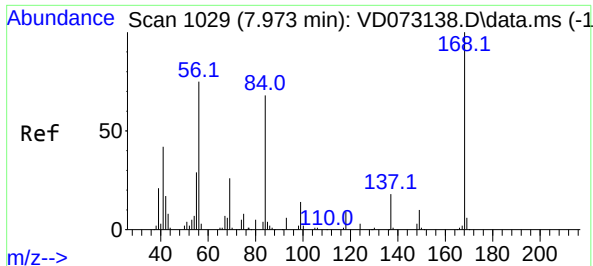
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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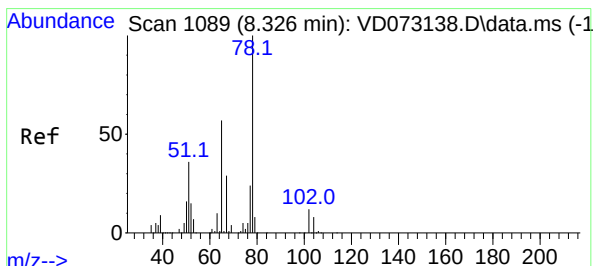
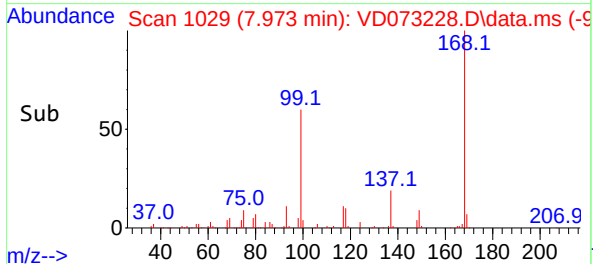
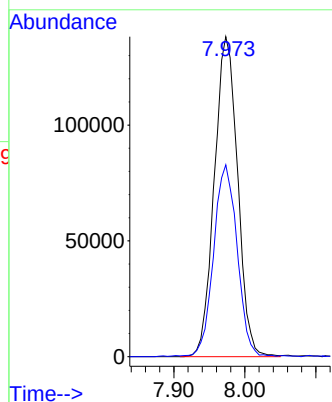
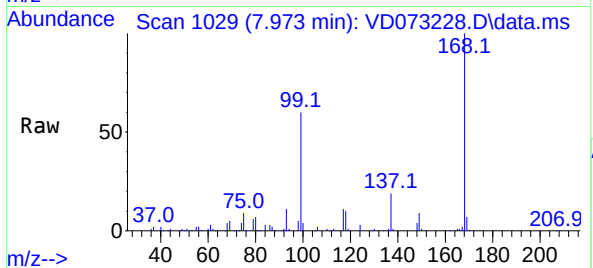




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073228.D
Acq: 21 May 2022 14:29

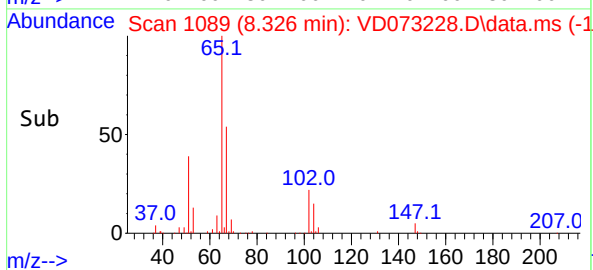
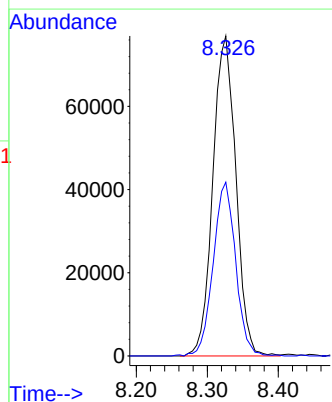
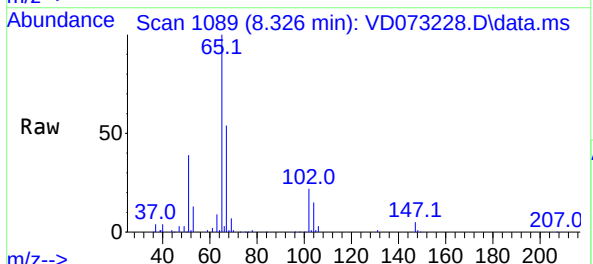
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL01

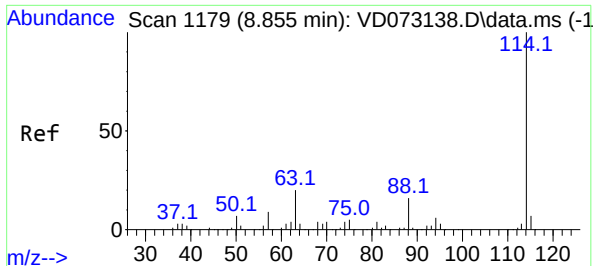
Tgt Ion:168 Resp: 314237
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.802 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073228.D
Acq: 21 May 2022 14:29

Tgt Ion: 65 Resp: 172952
Ion Ratio Lower Upper
65 100
67 53.0 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: VD073228.D

Acq: 21 May 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBL01

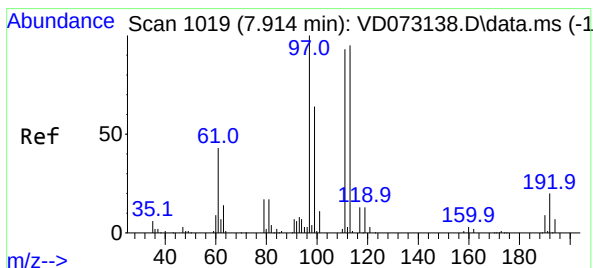
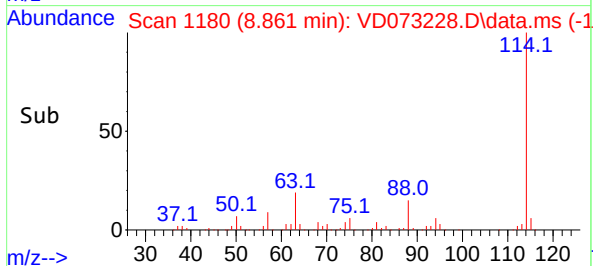
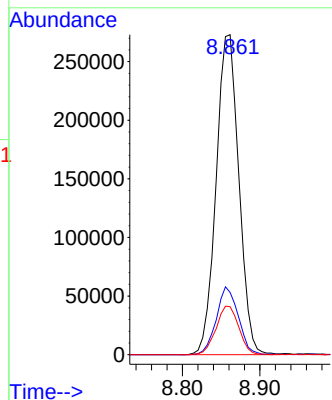
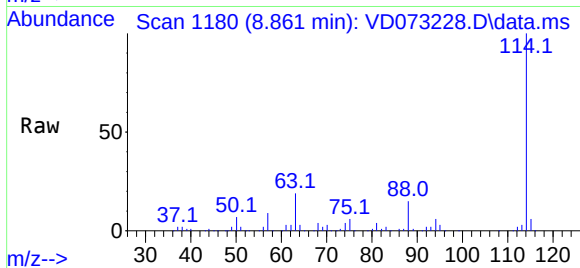
Tgt Ion:114 Resp: 556484

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.344 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073228.D

Acq: 21 May 2022 14:29

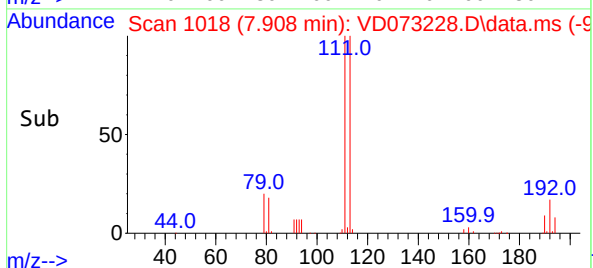
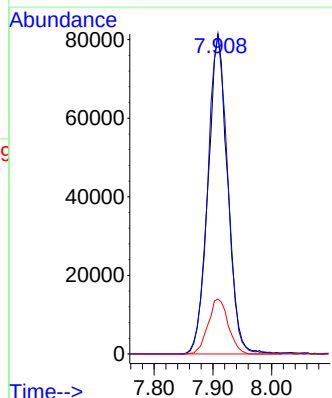
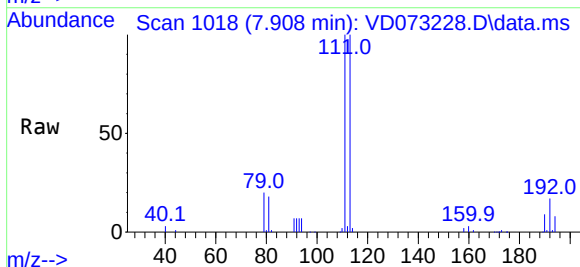
Tgt Ion:113 Resp: 188538

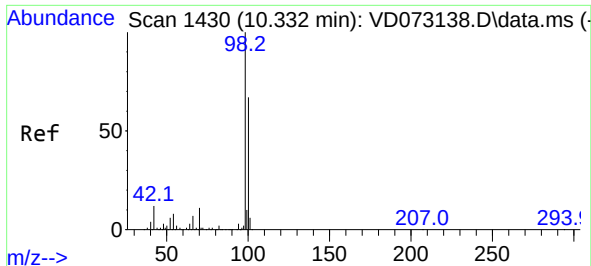
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.7 14.6 21.8

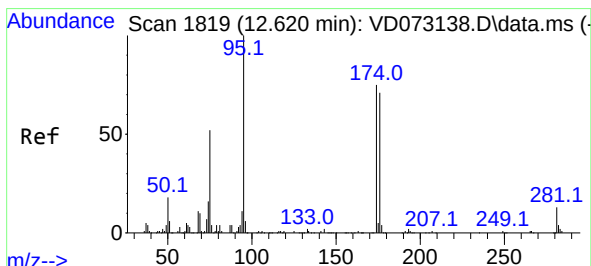
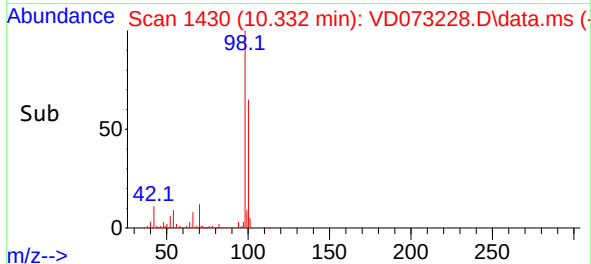
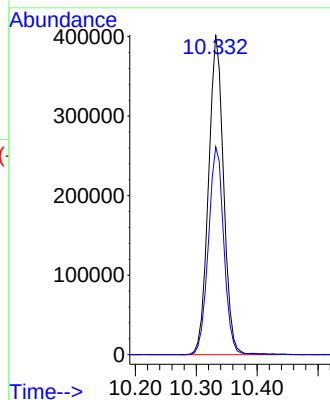
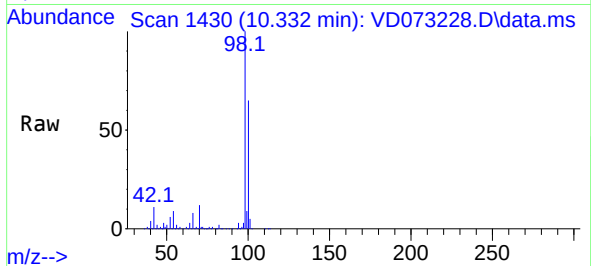




#50
Toluene-d8
Concen: 51.141 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073228.D
Acq: 21 May 2022 14:29

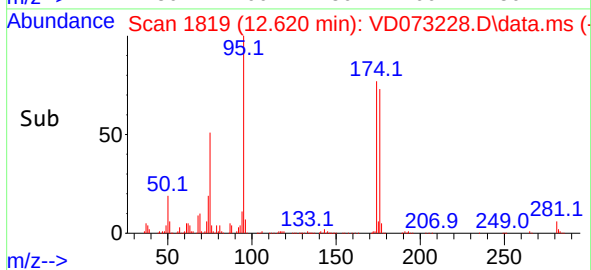
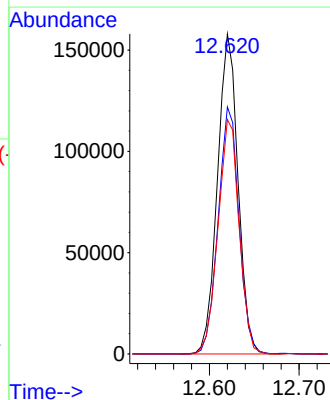
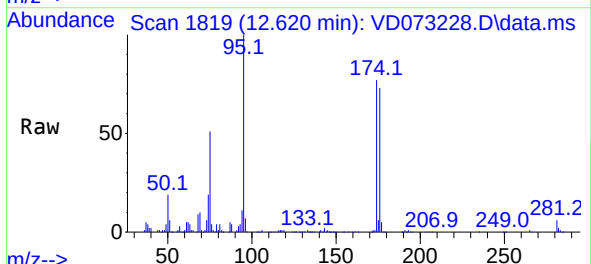
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VD0521SBL01

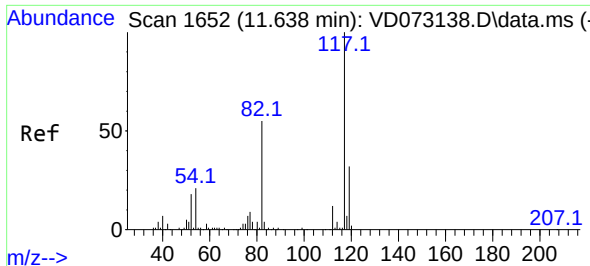
Tgt Ion: 98 Resp: 692253
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.767 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073228.D
Acq: 21 May 2022 14:29

Tgt Ion: 95 Resp: 250661
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 75.0 0.0 145.4

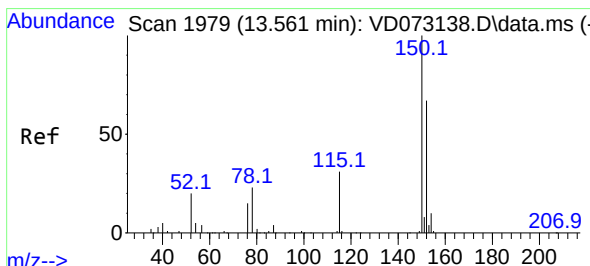
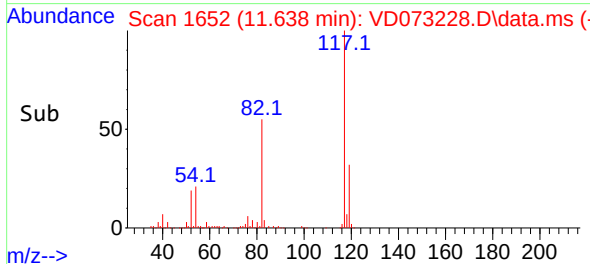
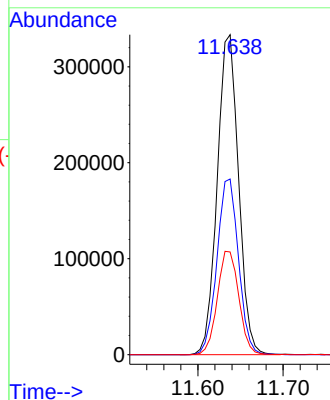
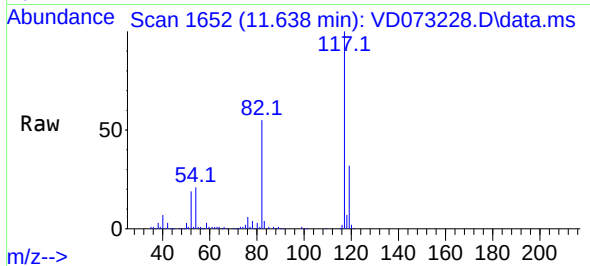




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073228.D
Acq: 21 May 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL01

Tgt Ion:117 Resp: 580028
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 32.1 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: VD073228.D
Acq: 21 May 2022 14:29

Tgt Ion:152 Resp: 264047
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 155.0 0.0 348.6

