

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074151.D
 Acq On : 19 Aug 2022 16:29
 Operator : VA/SY
 Sample : N4215-03
 Misc : 7.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2

Quant Time: Aug 20 01:25:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	158886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	277935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	261065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	125968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	64213	54.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.880%
35) Dibromofluoromethane	7.909	113	80700	60.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.140%
50) Toluene-d8	10.332	98	177307	46.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.620	95	102552	49.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.620%

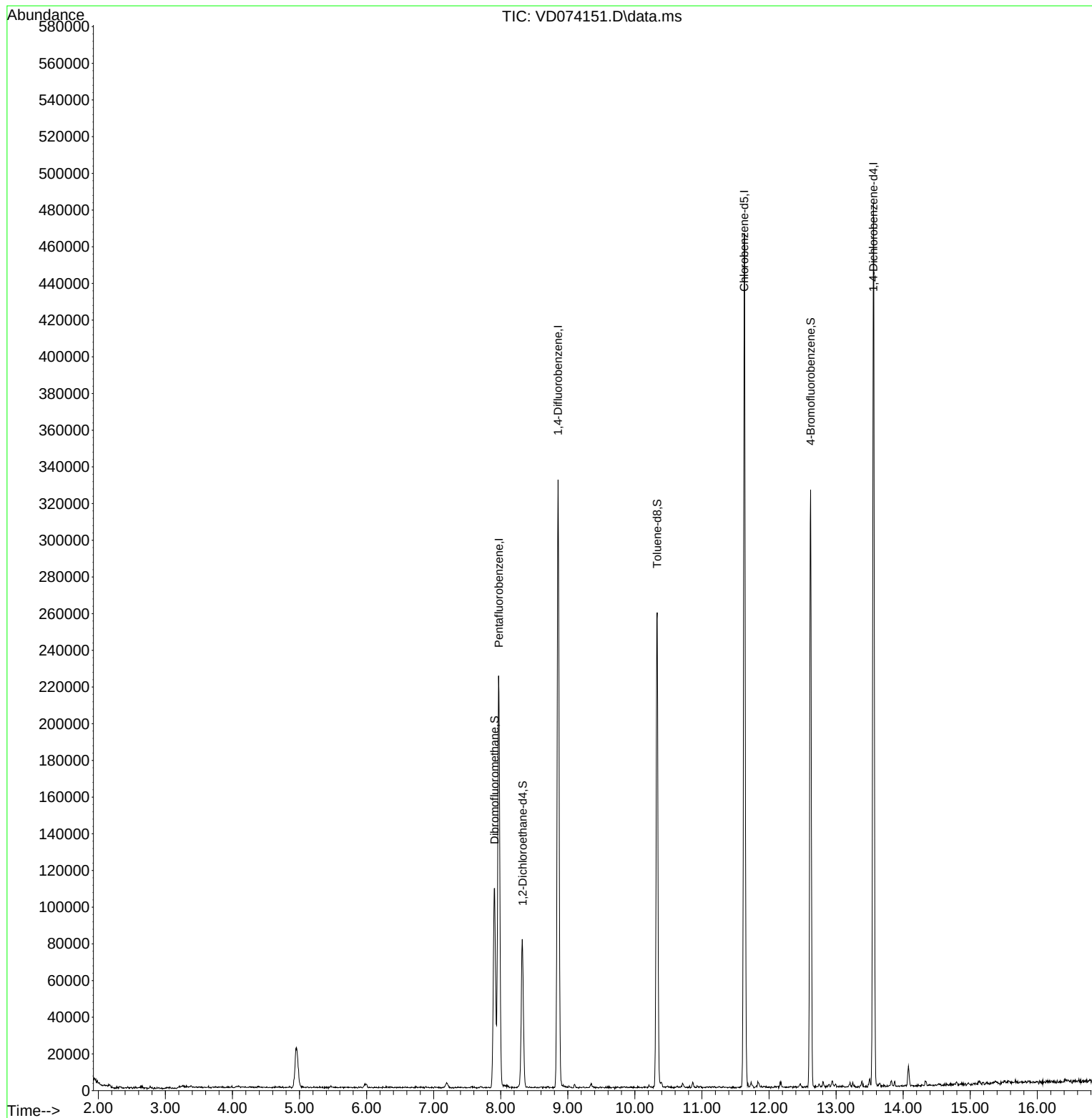
Target Compounds	Qvalue

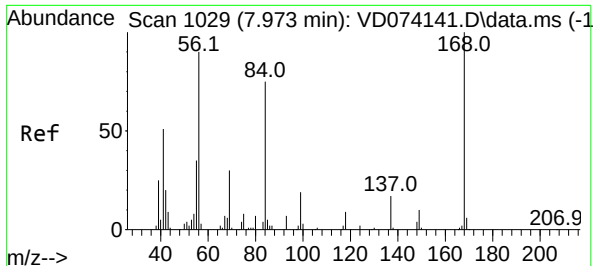
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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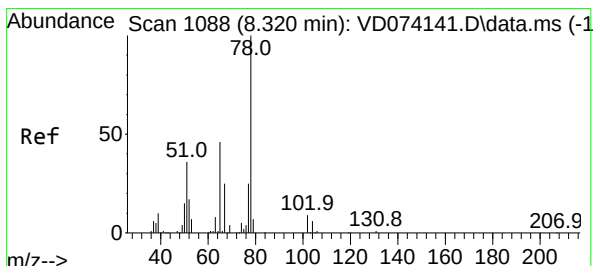
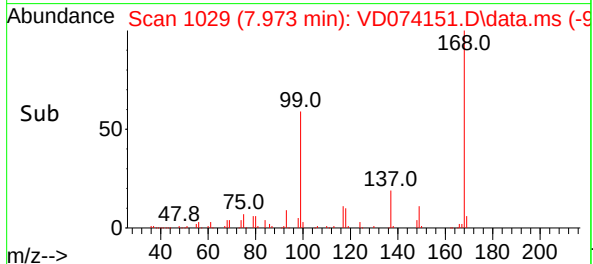
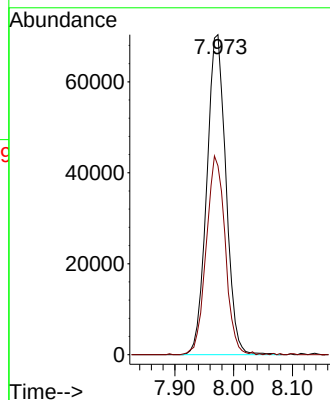
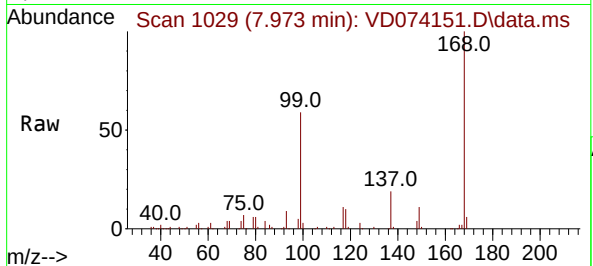




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

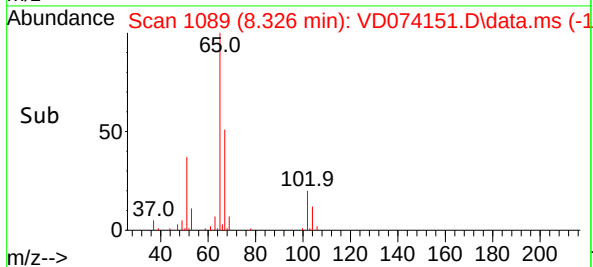
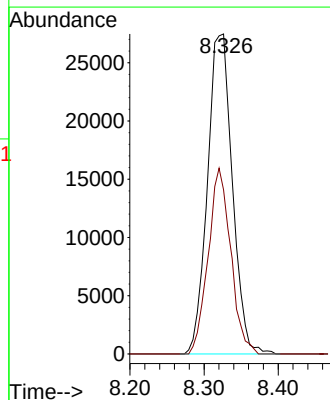
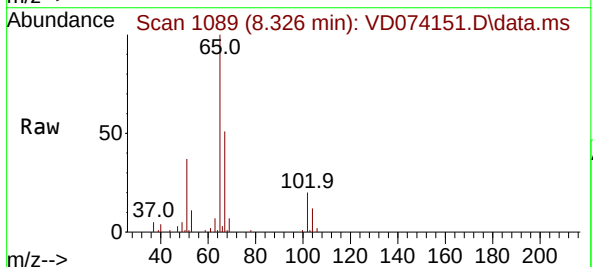
Instrument :
MSVOA_D
ClientSampleId :
WC-2

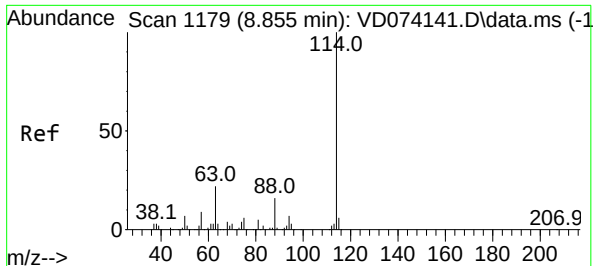
Tgt Ion:168 Resp: 158886
Ion Ratio Lower Upper
168 100
99 59.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.942 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion: 65 Resp: 64213
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD074151.D

Acq: 19 Aug 2022 16:29

Instrument :

MSVOA_D

ClientSampleId :

WC-2

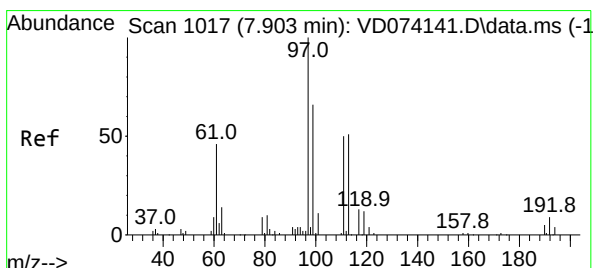
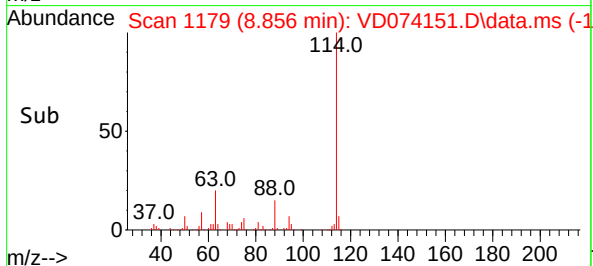
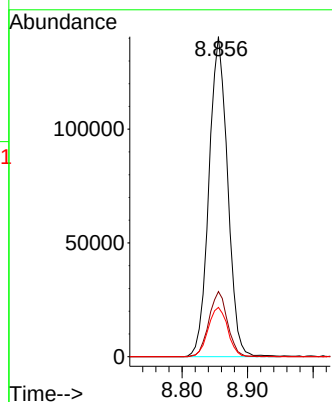
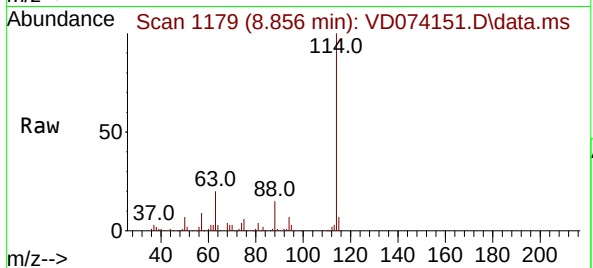
Tgt Ion:114 Resp: 277935

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 60.073 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD074151.D

Acq: 19 Aug 2022 16:29

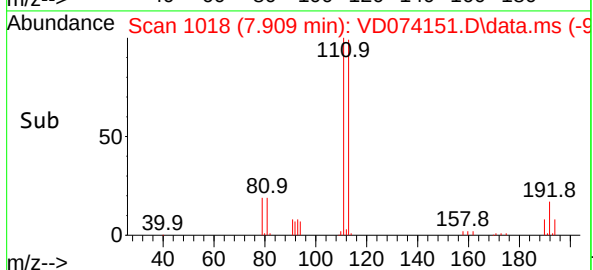
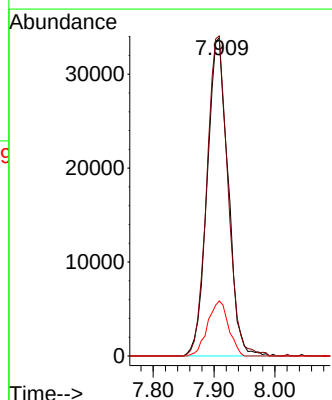
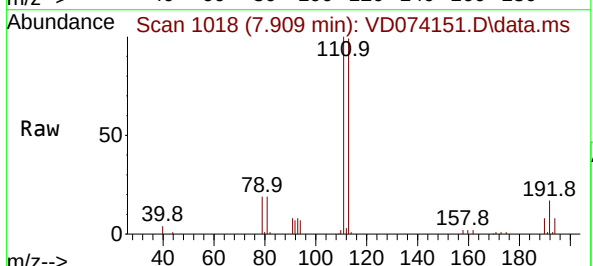
Tgt Ion:113 Resp: 80700

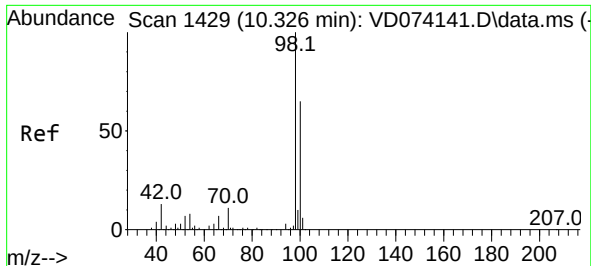
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.3 14.6 21.8

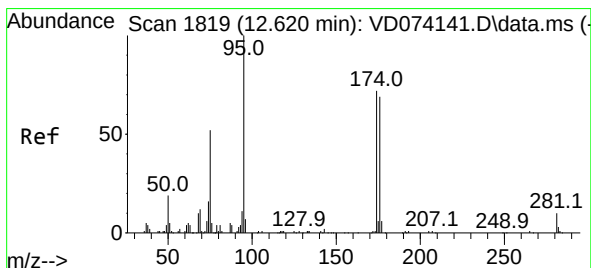
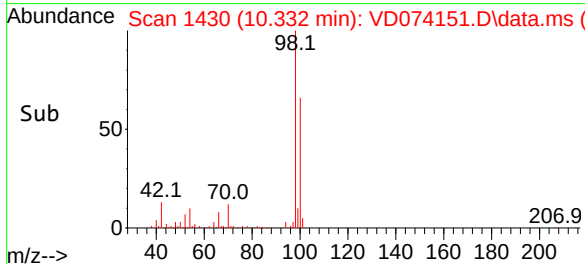
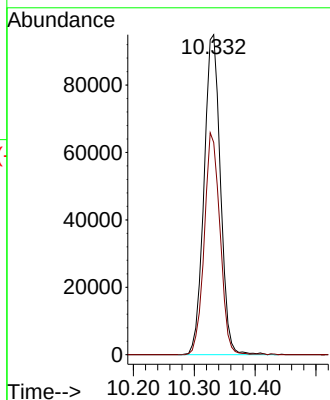
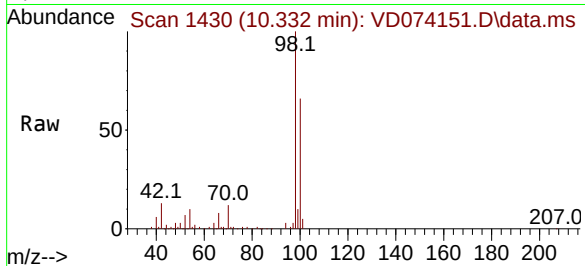




#50
Toluene-d8
Concen: 46.156 ug/l
RT: 10.332 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

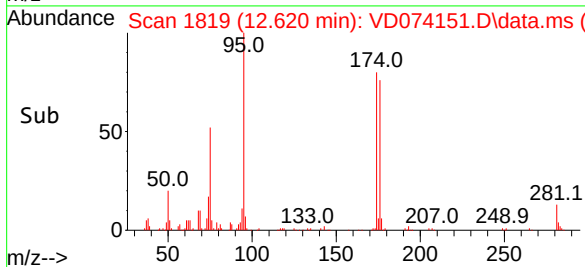
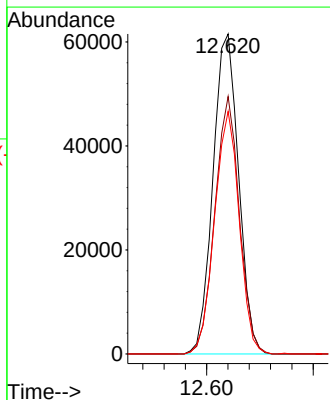
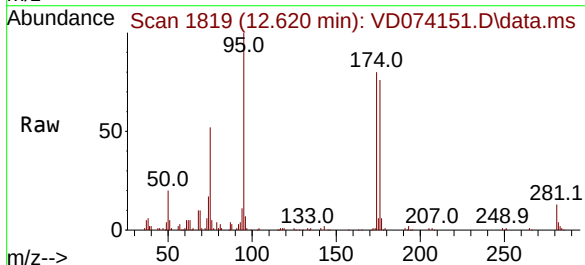
Instrument :
MSVOA_D
ClientSampleId :
WC-2

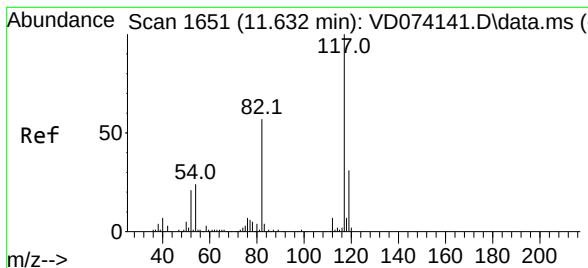
Tgt Ion: 98 Resp: 177307
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion: 95 Resp: 102552
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074151.D

Acq: 19 Aug 2022 16:29

Instrument :

MSVOA_D

ClientSampleId :

WC-2

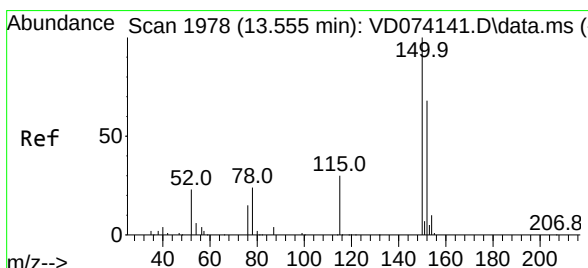
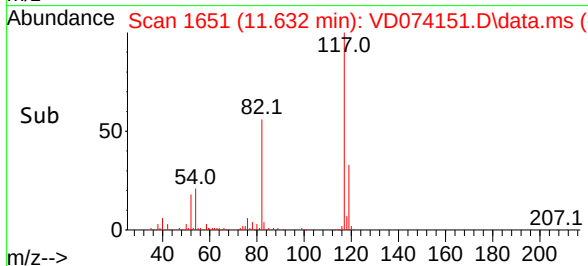
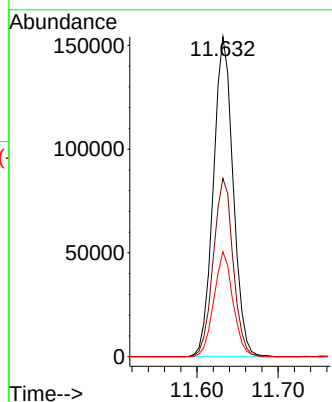
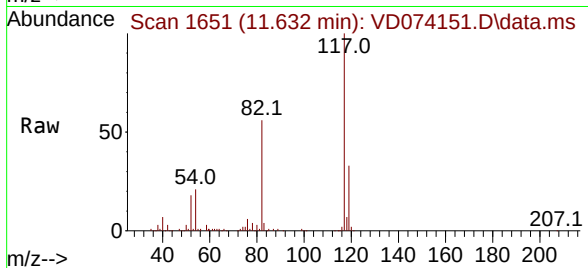
Tgt Ion:117 Resp: 261065

Ion Ratio Lower Upper

117 100

82 55.7 45.3 67.9

119 32.8 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. 0.000 min

Lab File: VD074151.D

Acq: 19 Aug 2022 16:29

Tgt Ion:152 Resp: 125968

Ion Ratio Lower Upper

152 100

115 60.0 31.3 93.8

150 159.4 0.0 348.6

