

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074152.D
 Acq On : 19 Aug 2022 16:58
 Operator : VA/SY
 Sample : N4215-01
 Misc : 5.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Aug 20 01:25:57 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	7.967	168	168674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	297113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	280263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	134418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	66571	53.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.980%
35) Dibromofluoromethane	7.902	113	83852	58.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.520%
50) Toluene-d8	10.326	98	191571	46.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.440%
62) 4-Bromofluorobenzene	12.620	95	108906	48.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.980%

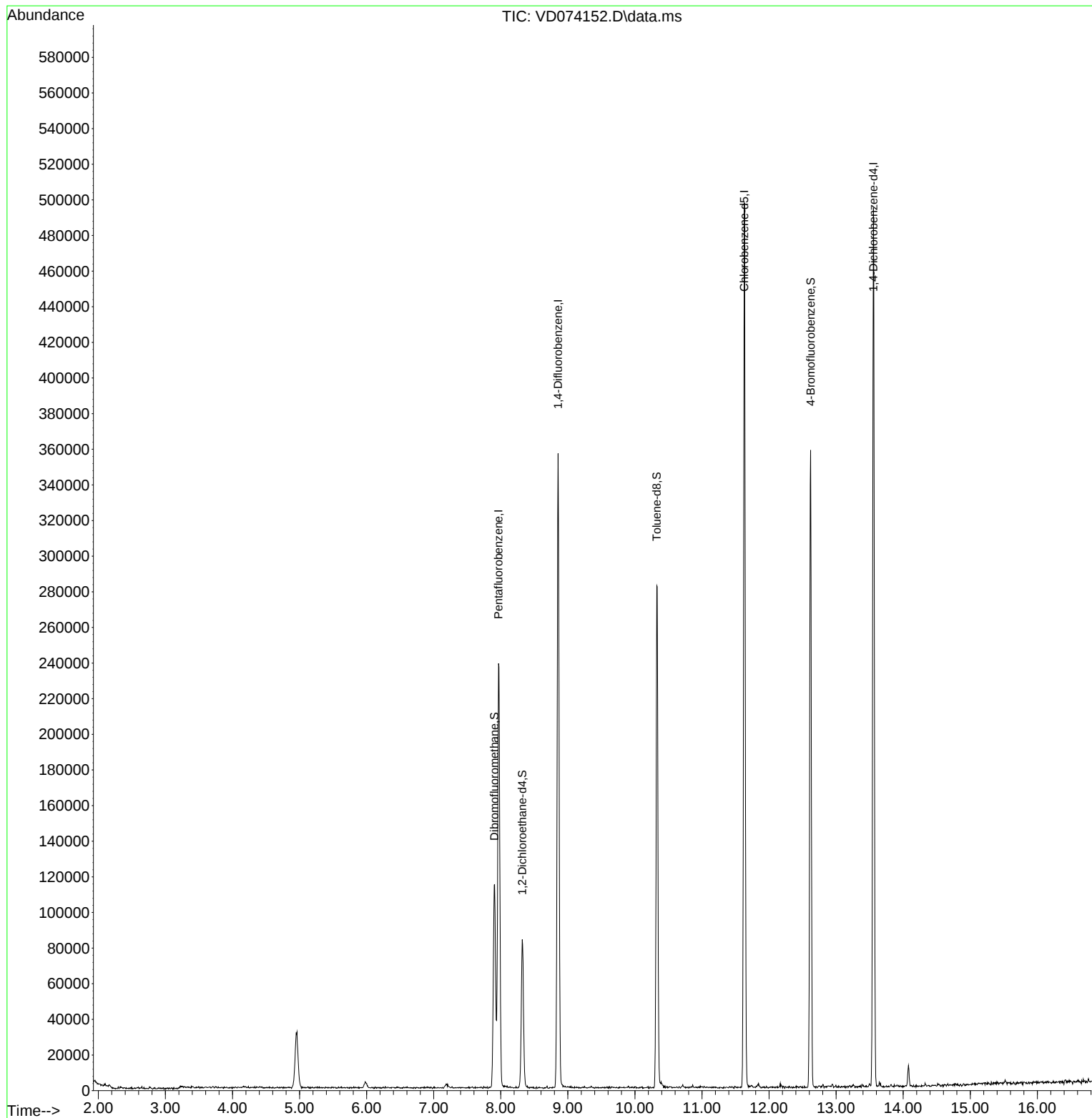
Target Compounds	Qvalue

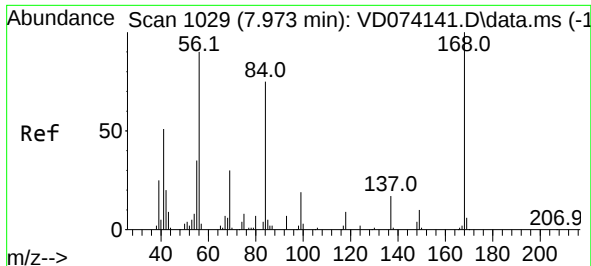
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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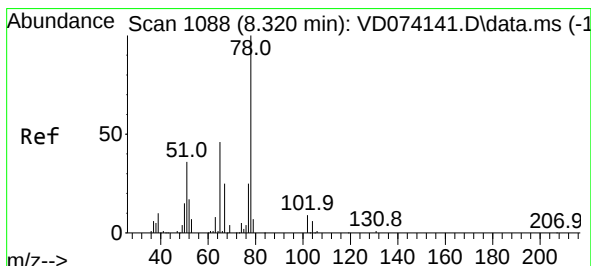
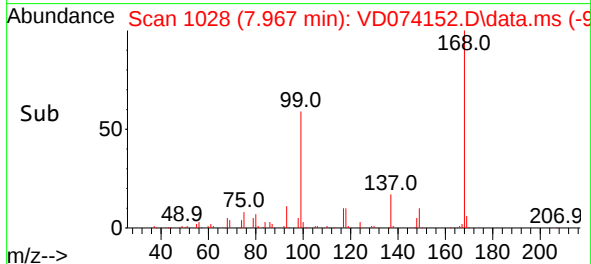
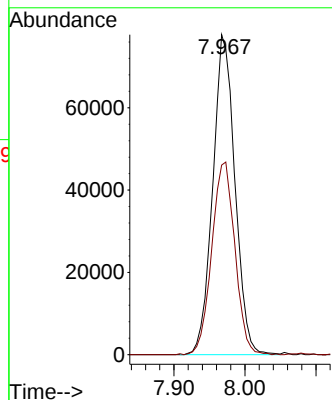
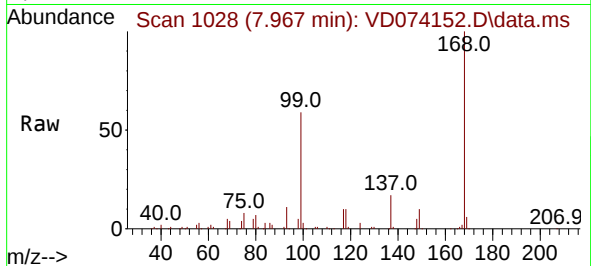




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

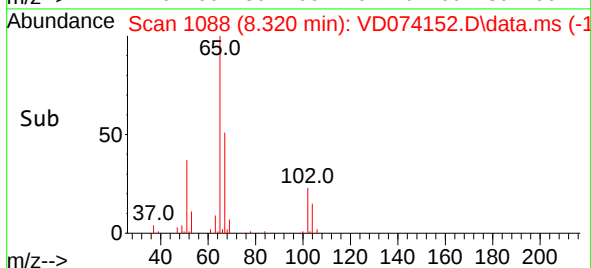
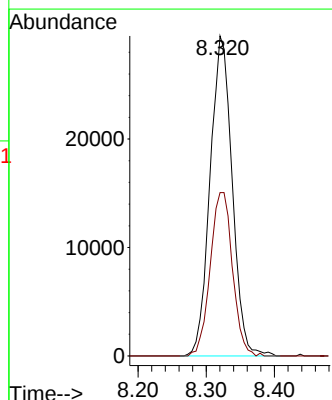
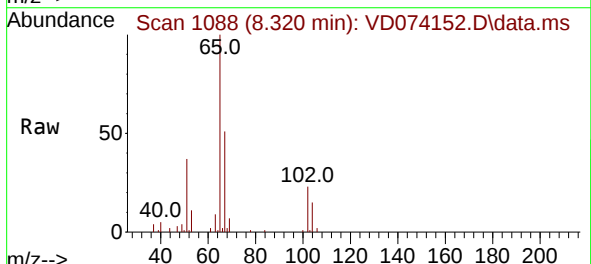
Instrument :
MSVOA_D
ClientSampleId :
WC-1

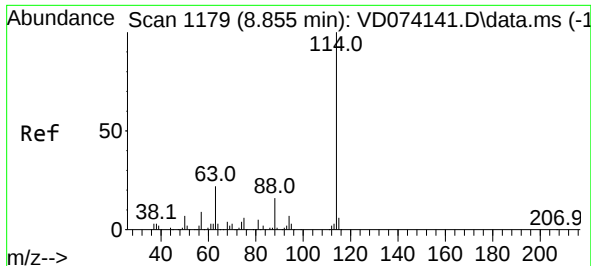
Tgt Ion:168 Resp: 168674
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.494 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

Tgt Ion: 65 Resp: 66571
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4

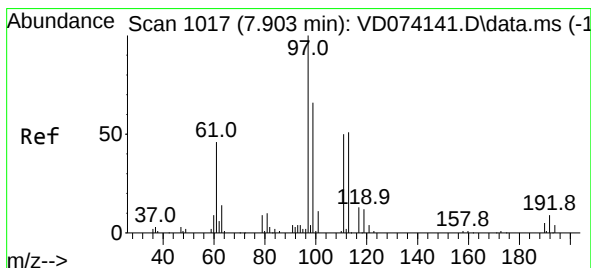
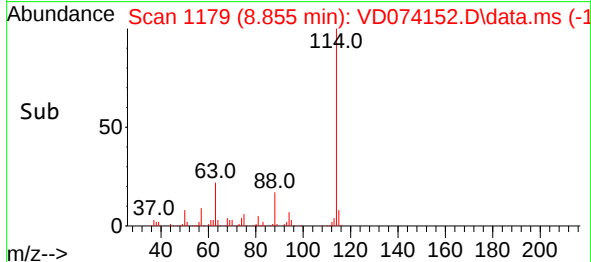
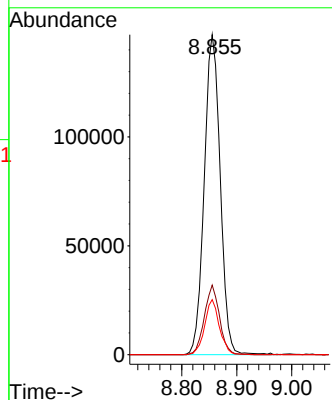
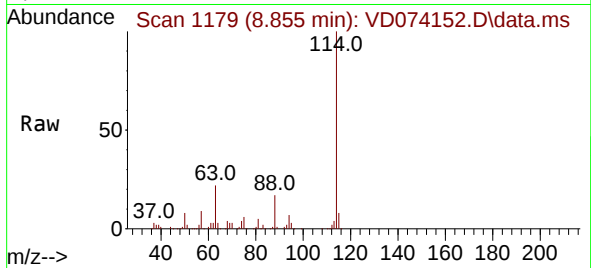




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

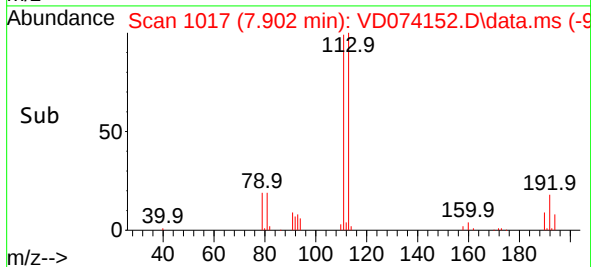
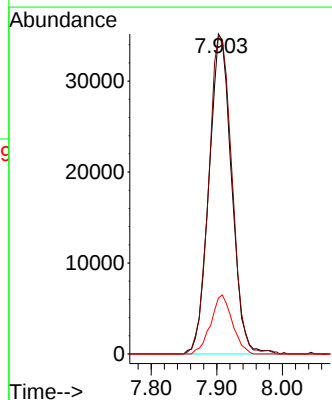
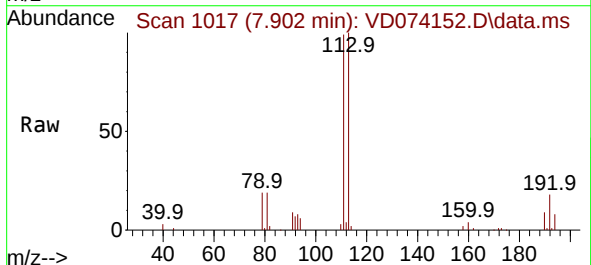
Instrument :
MSVOA_D
ClientSampleId :
WC-1

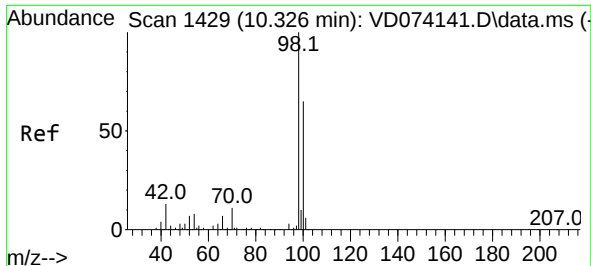
Tgt Ion:114 Resp: 297113
Ion Ratio Lower Upper
114 100
63 21.8 0.0 46.6
88 17.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 58.263 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

Tgt Ion:113 Resp: 83852
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.6 14.6 21.8

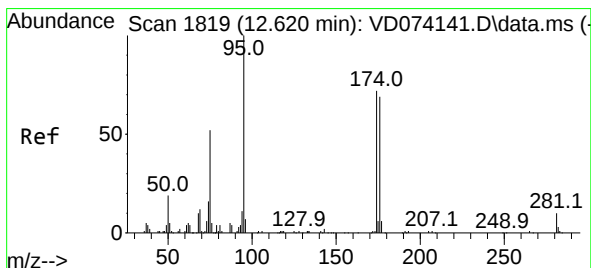
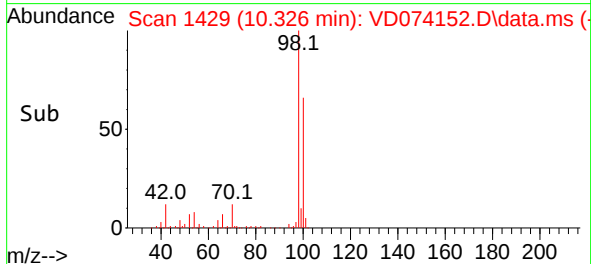
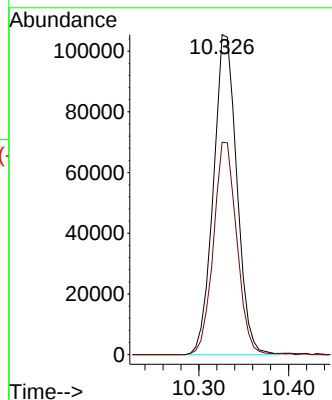
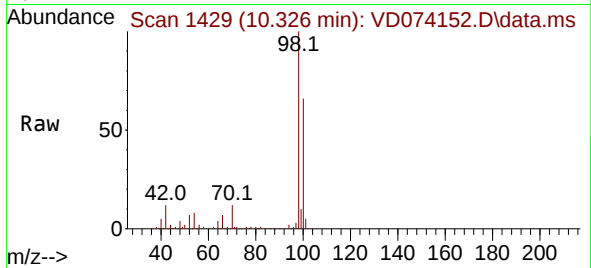




#50
Toluene-d8
Concen: 46.718 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

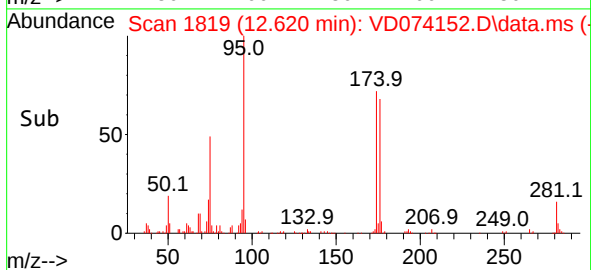
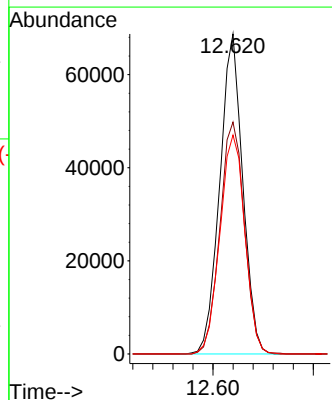
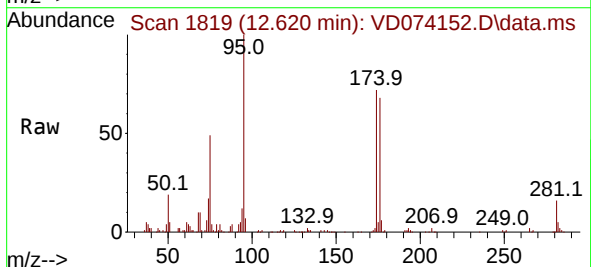
Instrument :
MSVOA_D
ClientSampleId :
WC-1

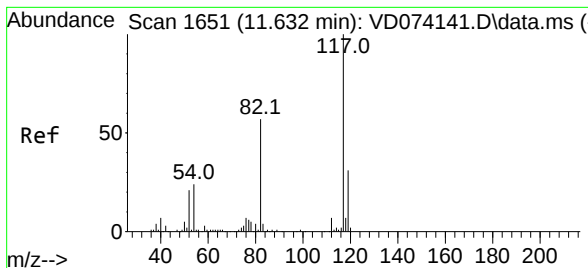
Tgt Ion: 98 Resp: 191571
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.986 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

Tgt Ion: 95 Resp: 108906
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.2 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: VD074152.D

Acq: 19 Aug 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

WC-1

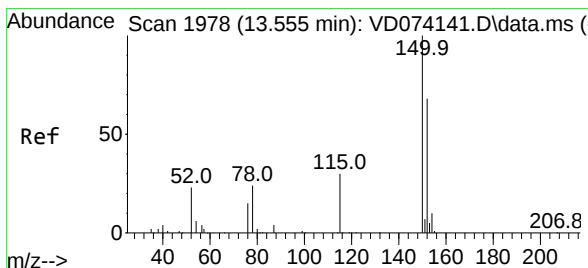
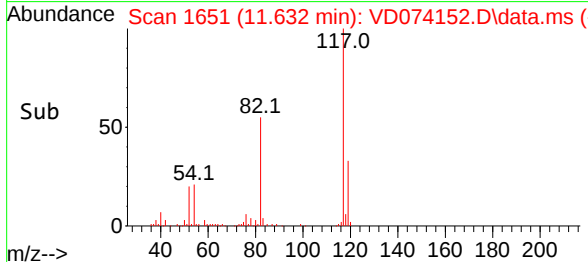
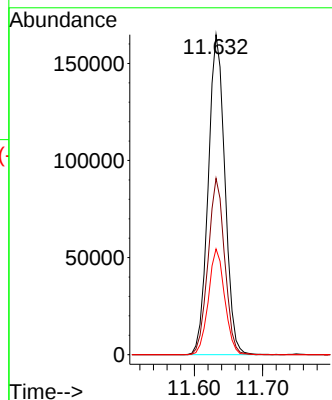
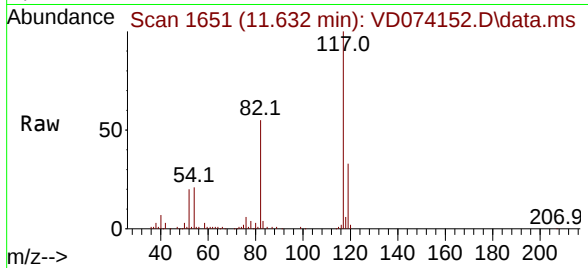
Tgt Ion:117 Resp: 280263

Ion Ratio Lower Upper

117 100

82 55.1 45.3 67.9

119 33.0 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: VD074152.D

Acq: 19 Aug 2022 16:58

Tgt Ion:152 Resp: 134418

Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 157.1 0.0 348.6

