

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074227.D
 Acq On : 24 Aug 2022 17:04
 Operator : VA/SY
 Sample : N4275-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-081922

Quant Time: Aug 24 17:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	42030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	79082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	80414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	36875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	44229	102.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	205.960%#
35) Dibromofluoromethane	7.908	113	33471	63.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.560%
50) Toluene-d8	10.332	98	82438	48.424	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.620	95	30000	44.606	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.220%

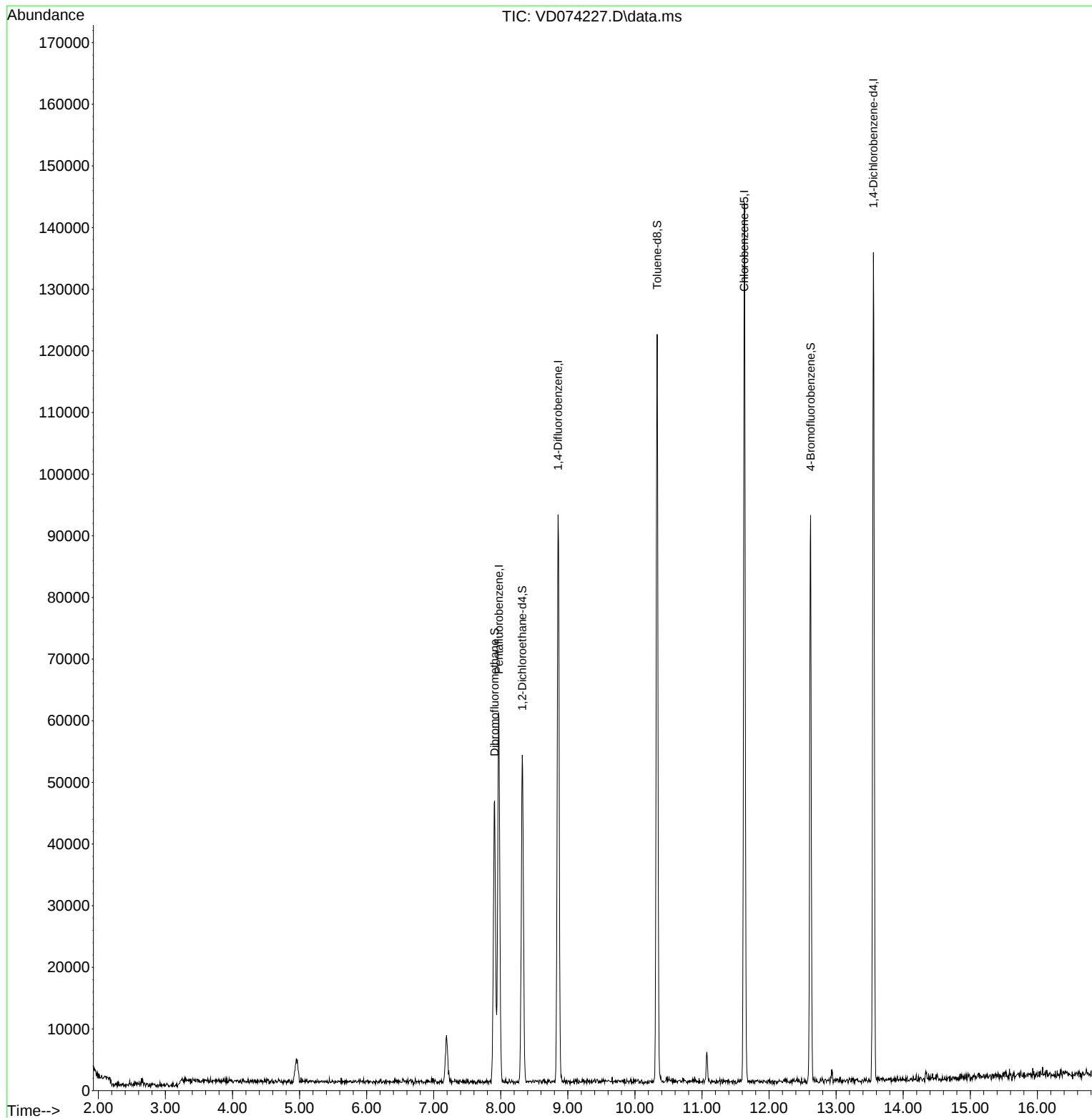
Target Compounds	Qvalue

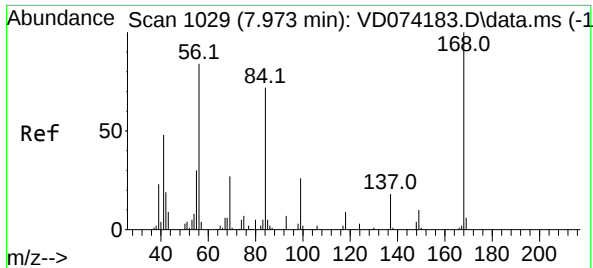
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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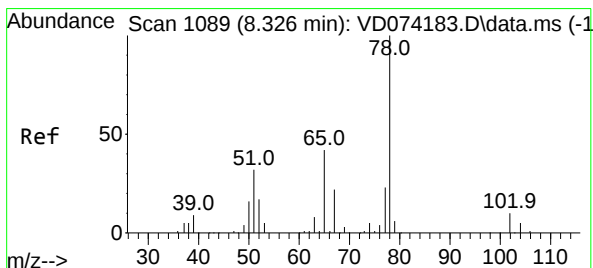
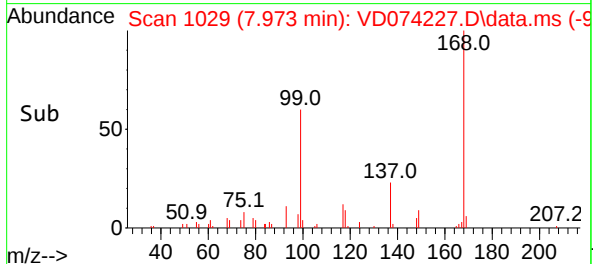
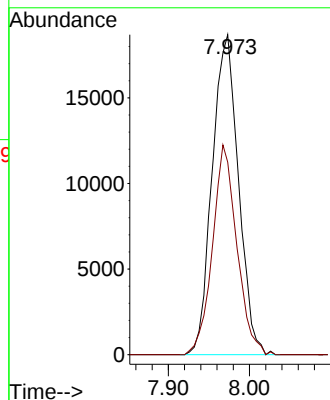
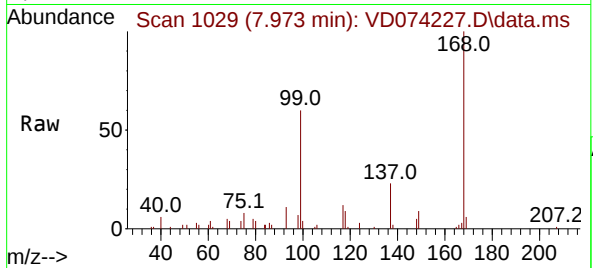




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

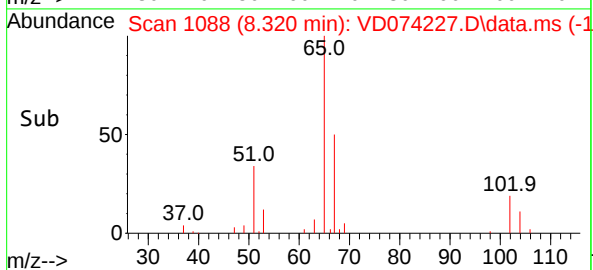
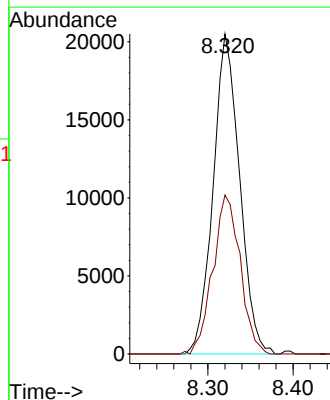
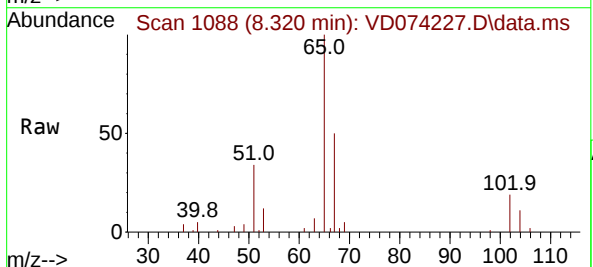
Instrument :
MSVOA_D
ClientSampleId :
OR-03-081922

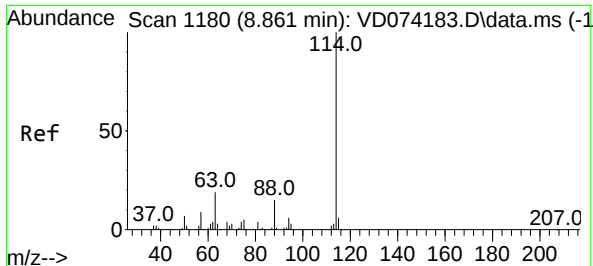
Tgt Ion:168 Resp: 42030
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 102.982 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 65 Resp: 44229
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

OR-03-081922

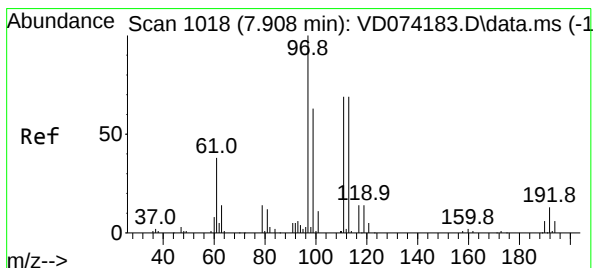
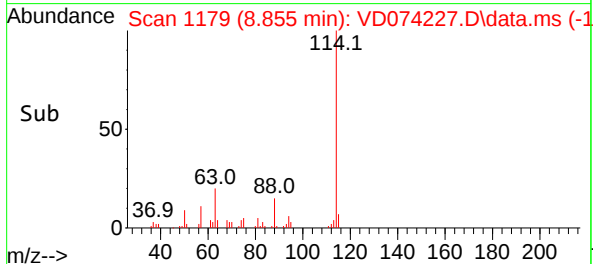
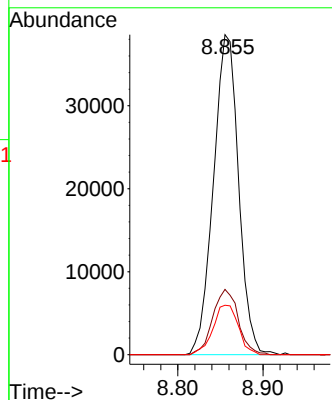
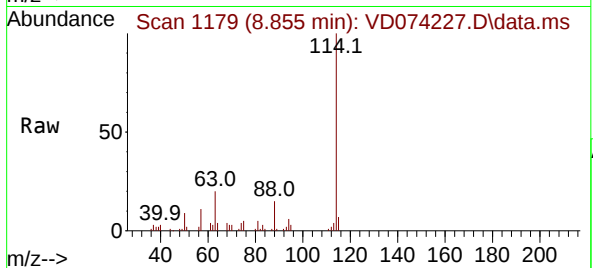
Tgt Ion:114 Resp: 79082

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 63.276 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

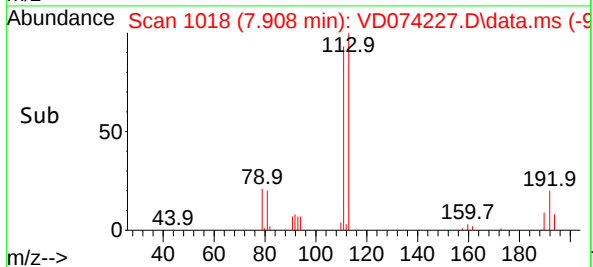
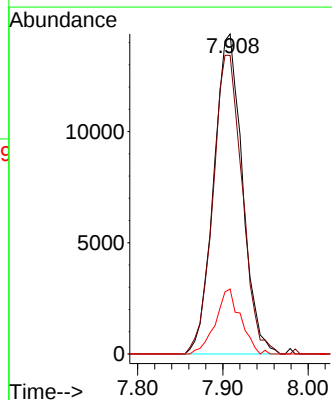
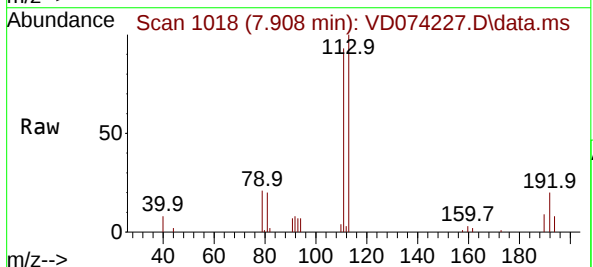
Tgt Ion:113 Resp: 33471

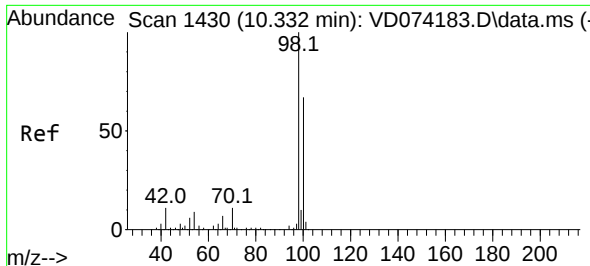
Ion Ratio Lower Upper

113 100

111 95.6 83.8 125.6

192 17.8 14.6 21.8

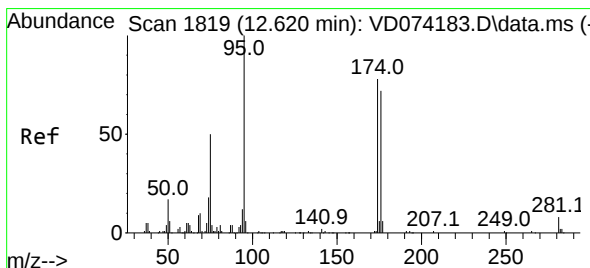
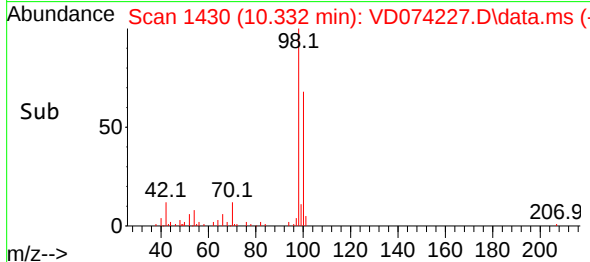
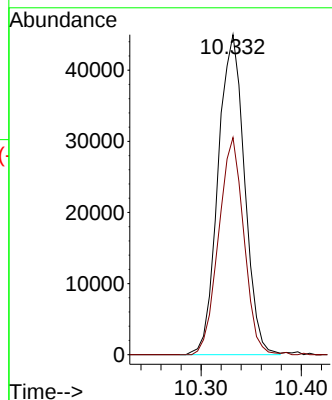
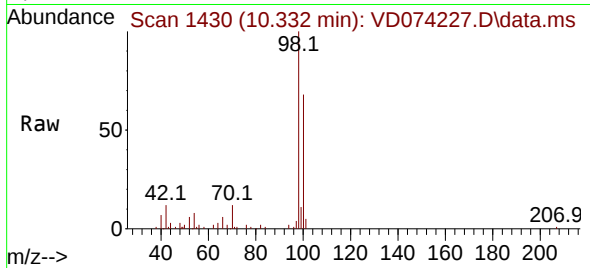




#50
Toluene-d8
Concen: 48.424 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

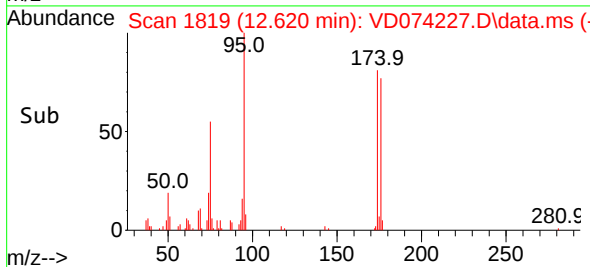
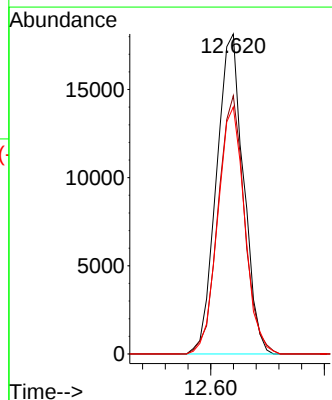
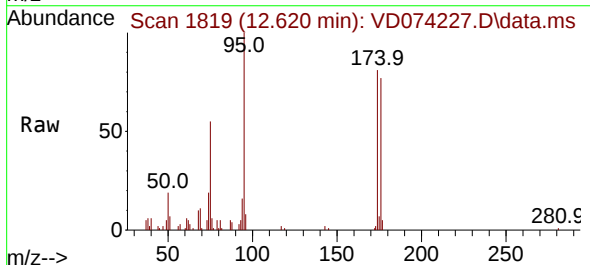
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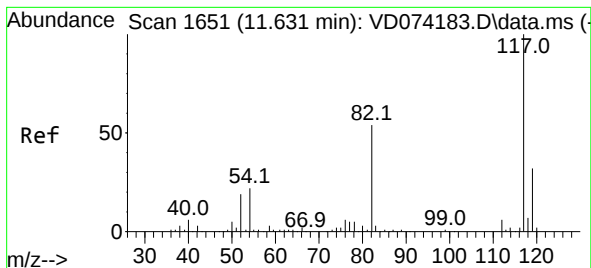
Tgt Ion: 98 Resp: 82438
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.606 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074227.D
Acq: 24 Aug 2022 17:04

Tgt Ion: 95 Resp: 30000
Ion Ratio Lower Upper
95 100
174 79.0 0.0 152.8
176 76.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074227.D

Acq: 24 Aug 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

OR-03-081922

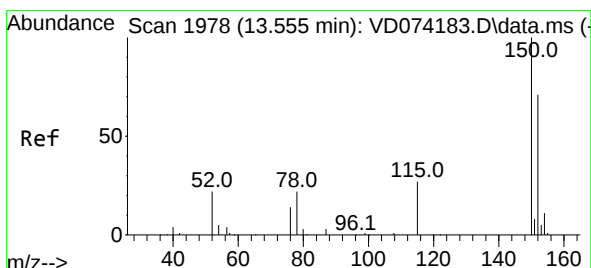
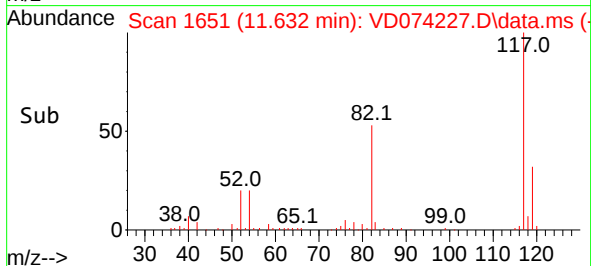
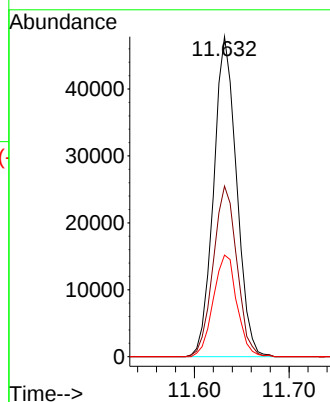
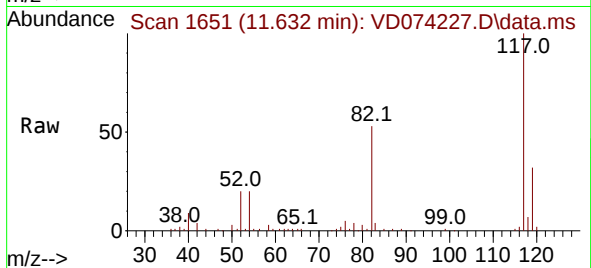
Tgt Ion:117 Resp: 80414

Ion Ratio Lower Upper

117 100

82 53.3 45.3 67.9

119 31.8 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: VD074227.D

Acq: 24 Aug 2022 17:04

Tgt Ion:152 Resp: 36875

Ion Ratio Lower Upper

152 100

115 58.6 31.3 93.8

150 159.3 0.0 348.6

