

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078638.D
 Acq On : 12 Mar 2024 15:49
 Operator : RP/MD
 Sample : P1733-07
 Misc : 5.79G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-VOC

Quant Time: Mar 13 03:05:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	81248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	252200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40950	50.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.680%
35) Dibromofluoromethane	7.799	113	60586	49.762	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.520%
50) Toluene-d8	10.269	98	251785	53.220	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.575	95	100973	74.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	149.440%#

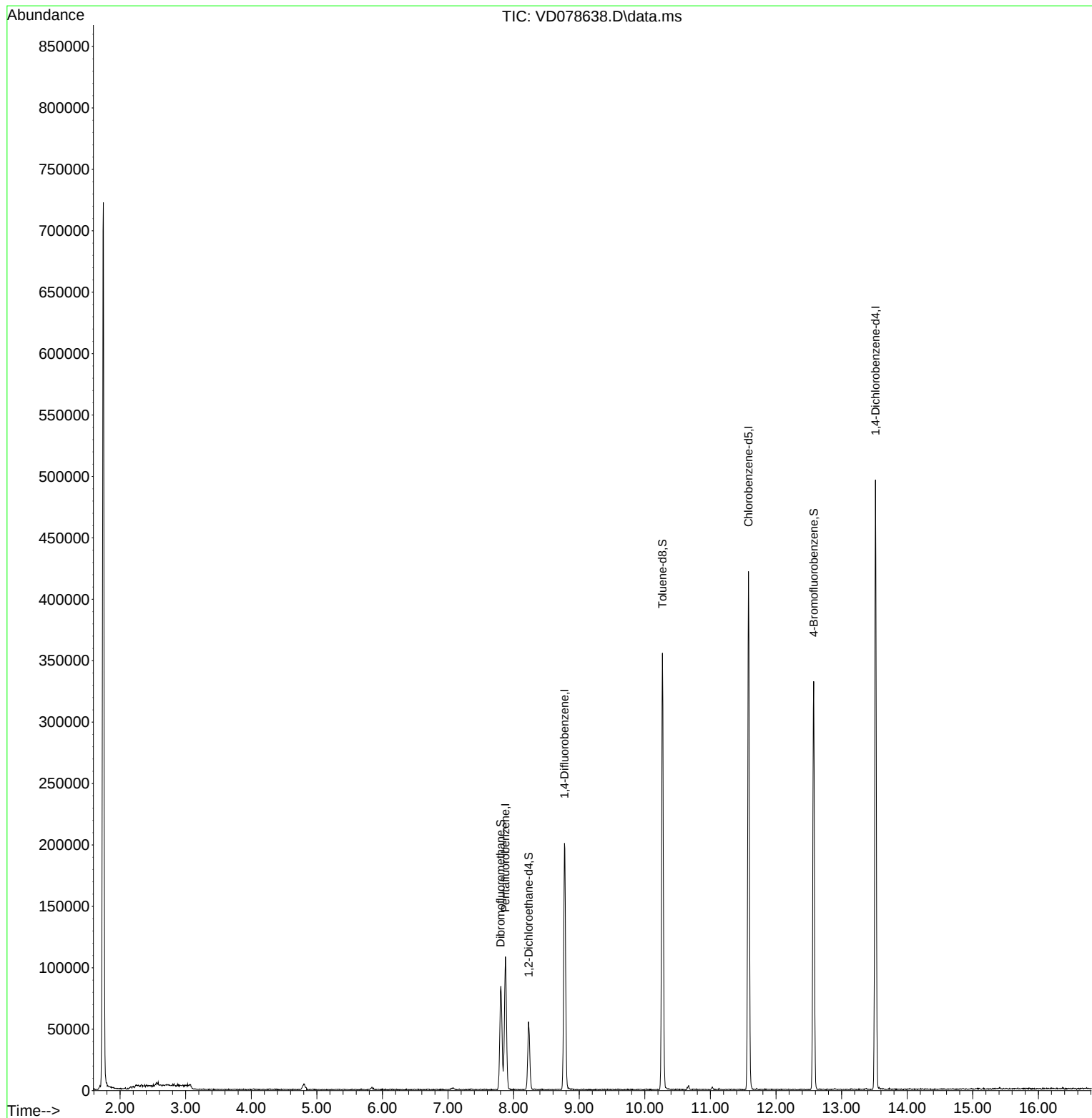
Target Compounds	Qvalue

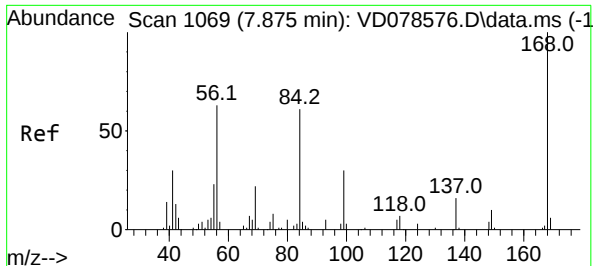
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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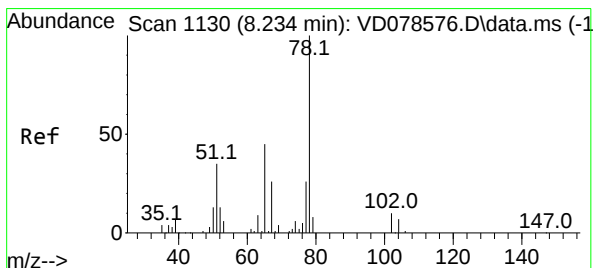
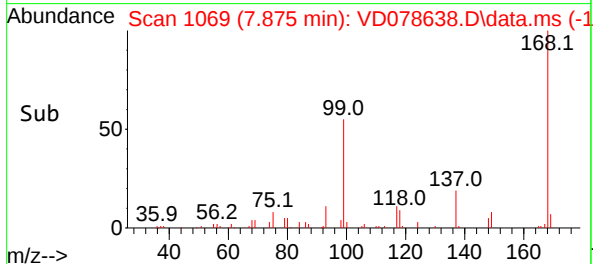
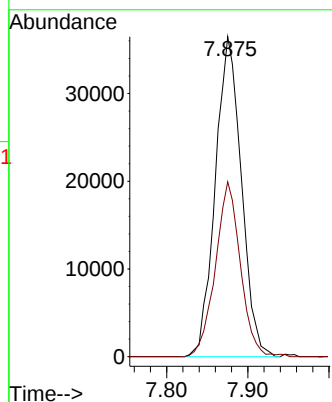
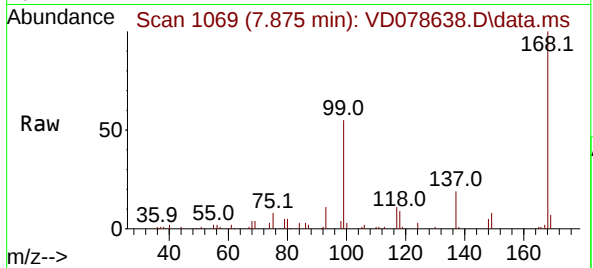




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

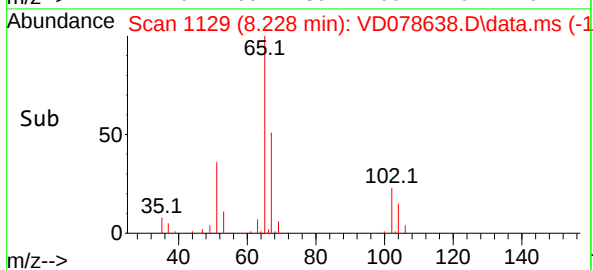
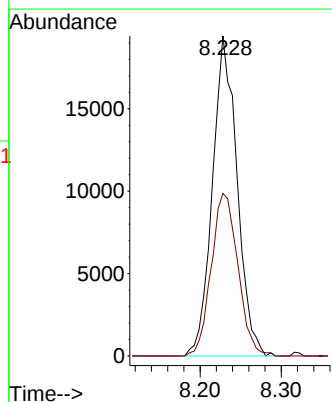
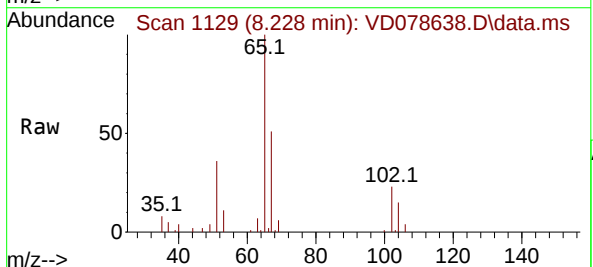
Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

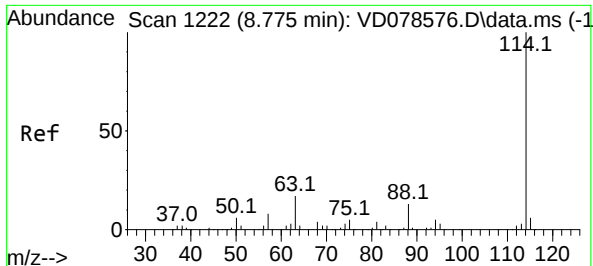
Tgt Ion:168 Resp: 81248
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.844 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

Tgt Ion: 65 Resp: 40950
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

Instrument :

MSVOA_D

ClientSampleId :

WC-2-VOC

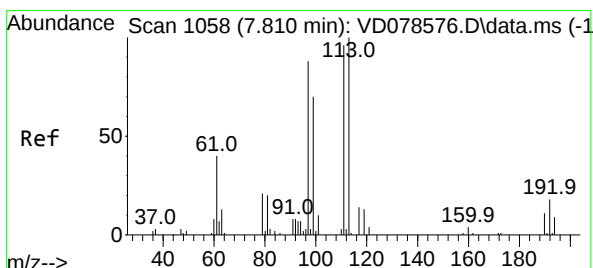
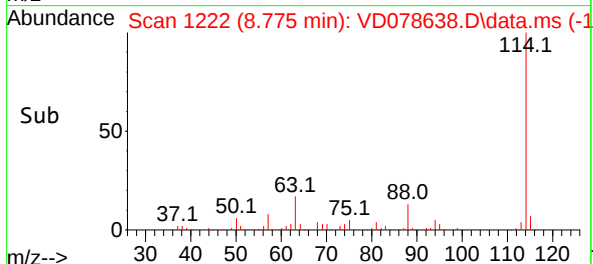
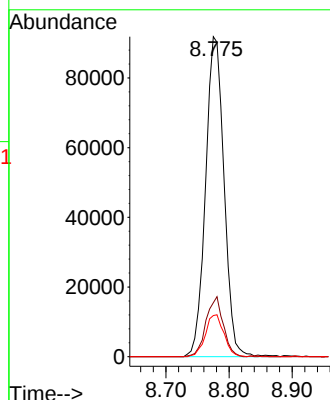
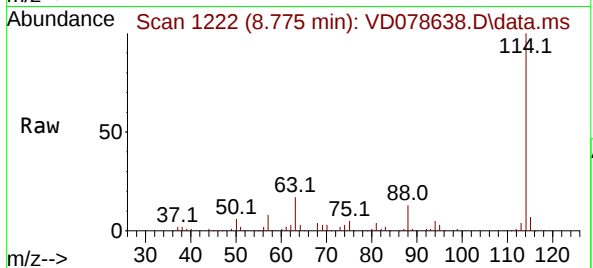
Tgt Ion:114 Resp: 187168

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.762 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.011 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

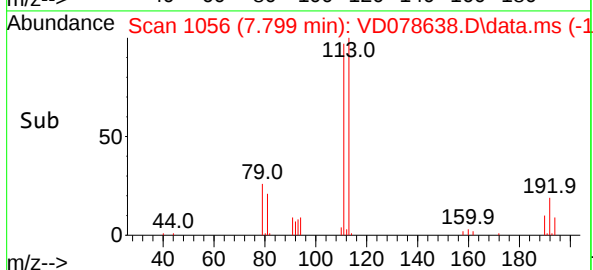
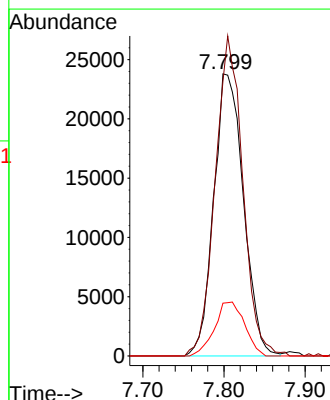
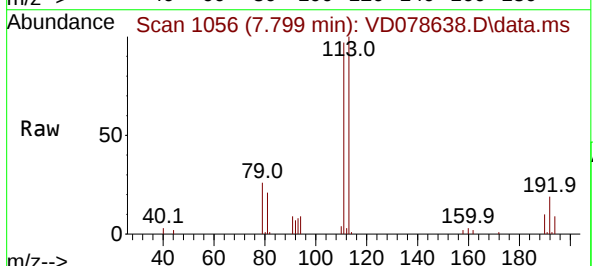
Tgt Ion:113 Resp: 60586

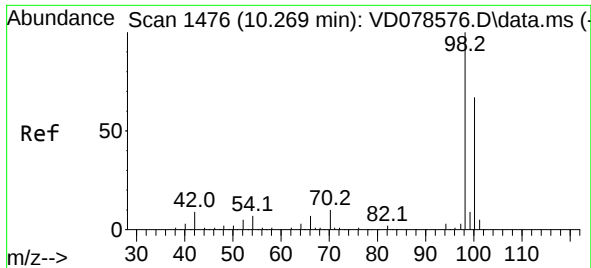
Ion Ratio Lower Upper

113 100

111 105.2 84.7 127.1

192 19.3 16.8 25.2

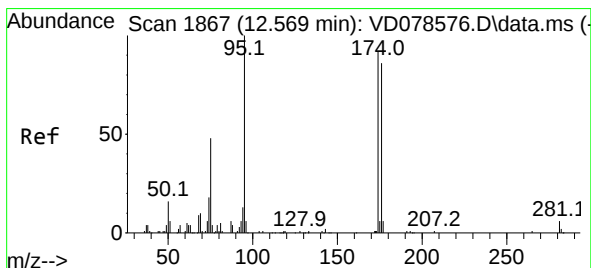
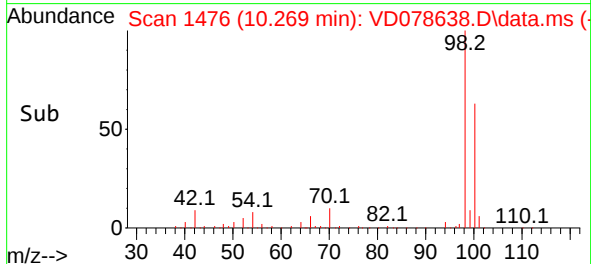
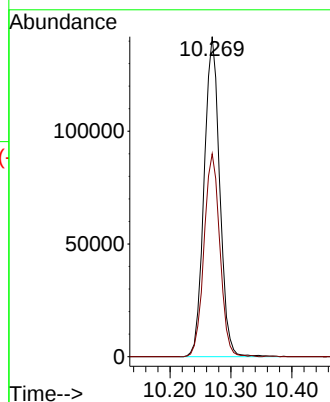
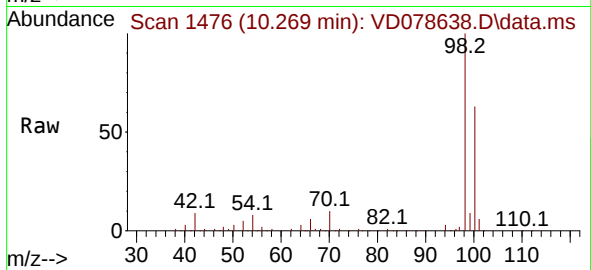




#50
Toluene-d8
Concen: 53.220 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

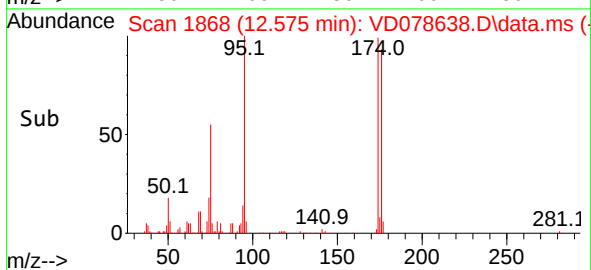
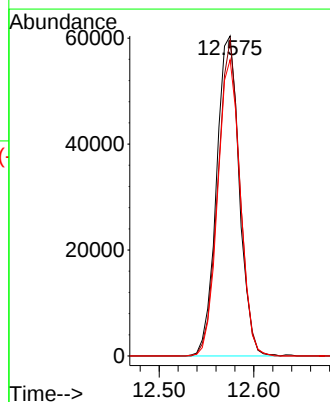
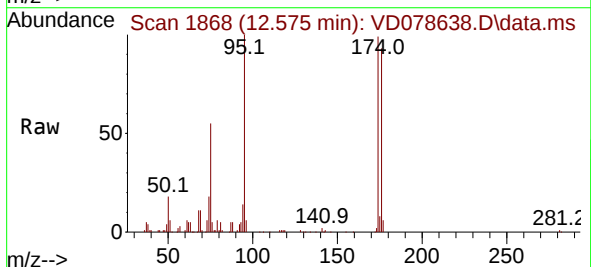
Instrument :
MSVOA_D
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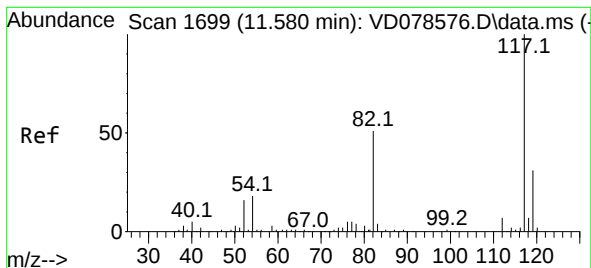
Tgt Ion: 98 Resp: 251785
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 74.725 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

Tgt Ion: 95 Resp: 100973
Ion Ratio Lower Upper
95 100
174 95.3 0.0 201.8
176 91.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

Instrument :

MSVOA_D

ClientSampleId :

WC-2-VOC

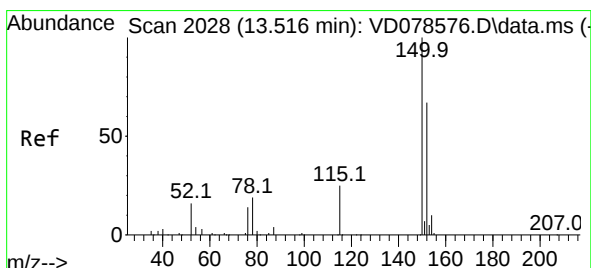
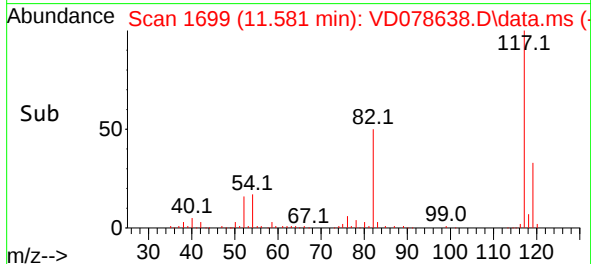
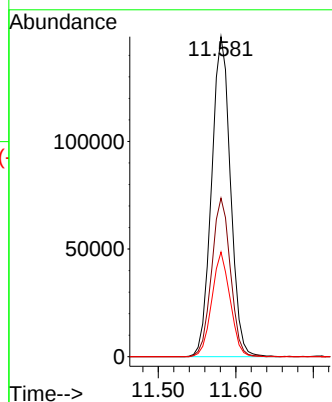
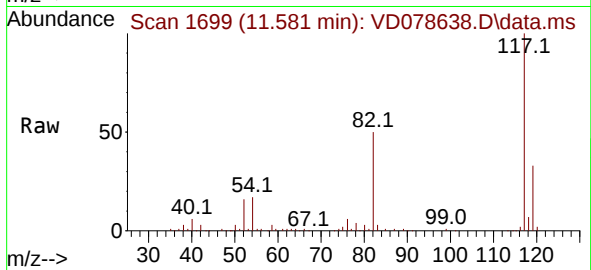
Tgt Ion:117 Resp: 252200

Ion Ratio Lower Upper

117 100

82 49.5 38.3 57.5

119 32.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

Tgt Ion:152 Resp: 133330

Ion Ratio Lower Upper

152 100

115 53.4 27.1 81.3

150 157.4 0.0 353.6

