

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078150.D
 Acq On : 11 Jan 2024 15:11
 Operator : RP/MD
 Sample : P1118-03
 Misc : 6.40G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

Quant Time: Jan 12 00:37:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	118576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	247062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	213553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64377	51.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.140%
35) Dibromofluoromethane	7.810	113	79722	44.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.269	98	317041	53.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.575	95	60479	29.094	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.180%

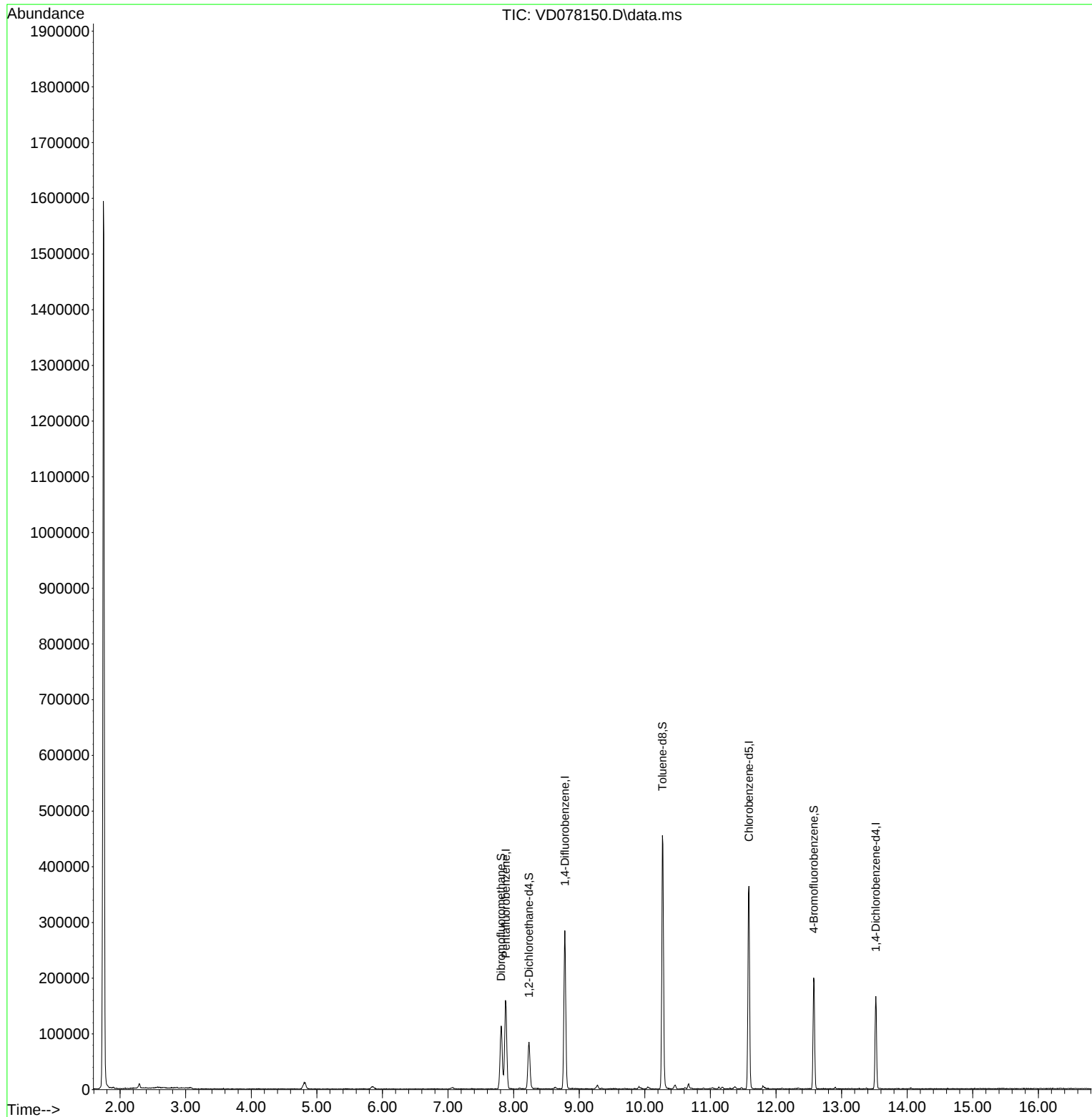
Target Compounds	Qvalue

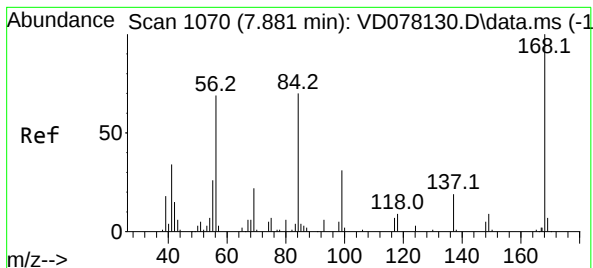
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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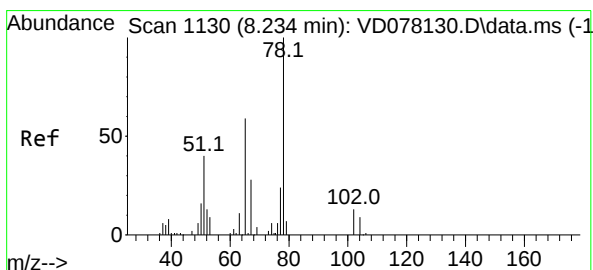
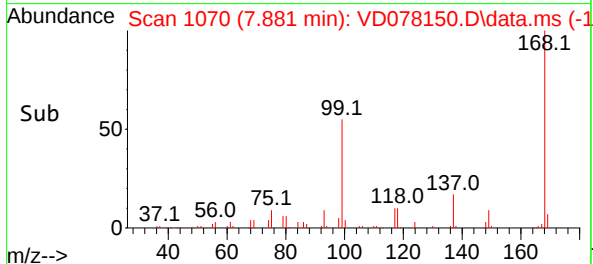
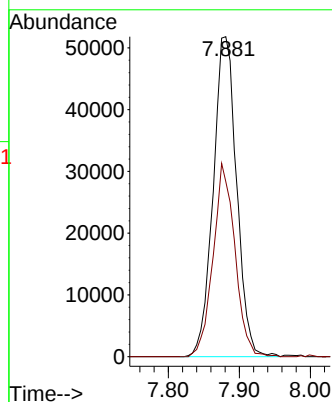
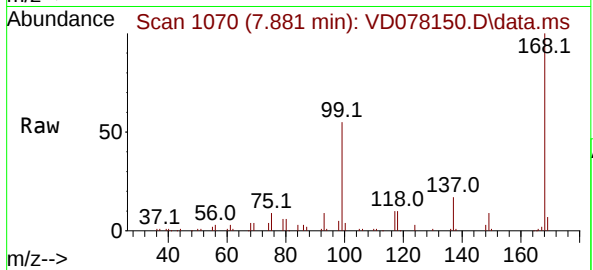




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078150.D
Acq: 11 Jan 2024 15:11

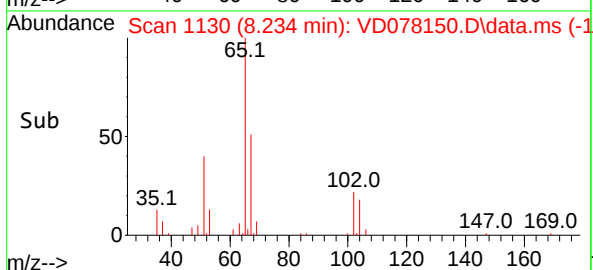
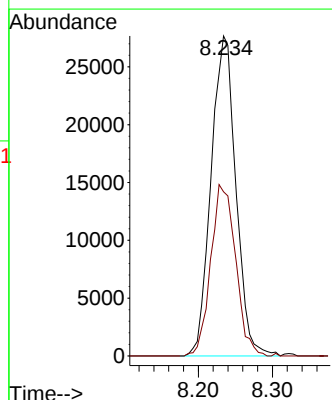
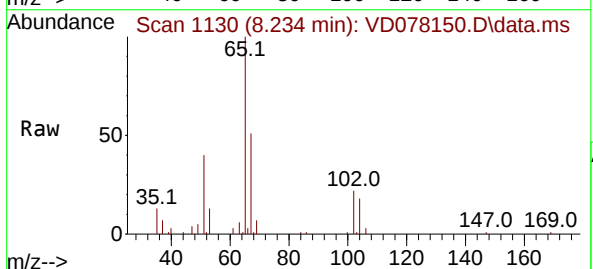
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

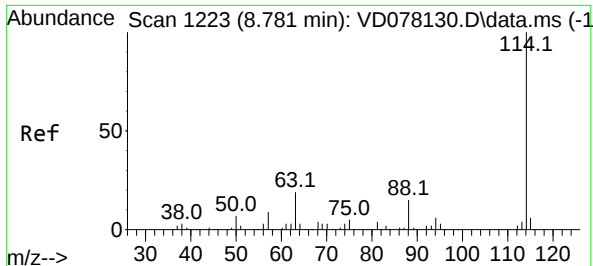
Tgt Ion:168 Resp: 118576
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.570 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078150.D
Acq: 11 Jan 2024 15:11

Tgt Ion: 65 Resp: 64377
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

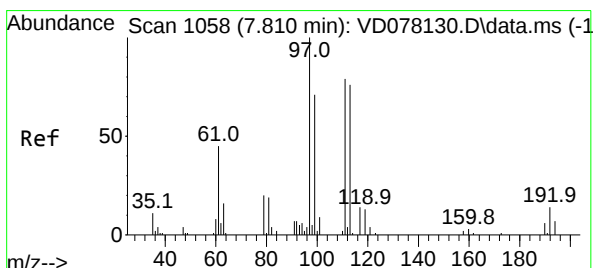
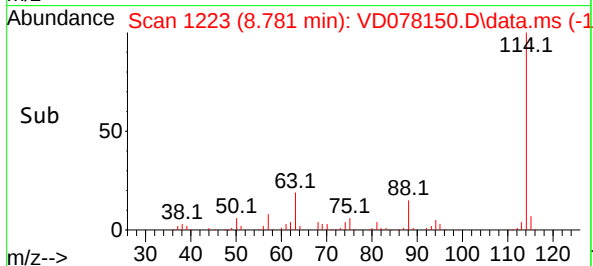
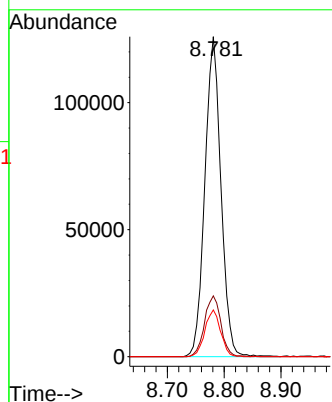
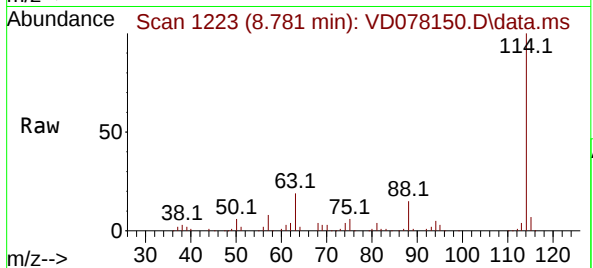
Tgt Ion:114 Resp: 247062

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.773 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

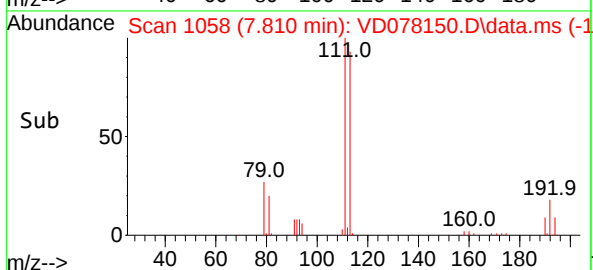
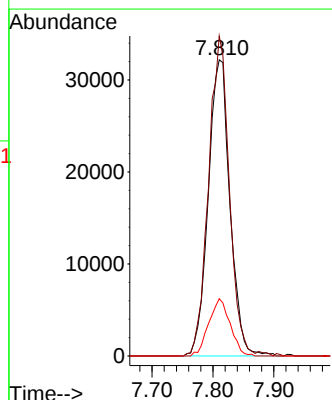
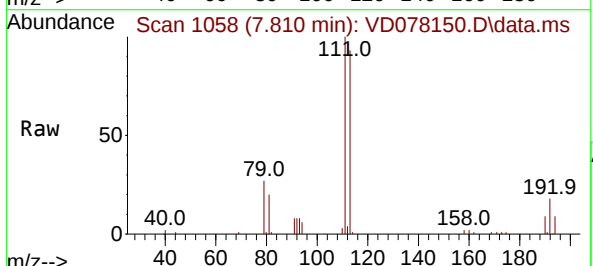
Tgt Ion:113 Resp: 79722

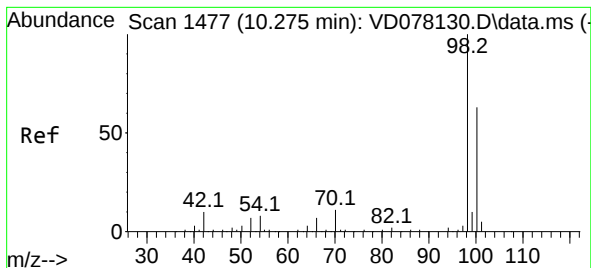
Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 19.0 16.8 25.2





#50

Toluene-d8

Concen: 53.092 ug/l

RT: 10.269 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :

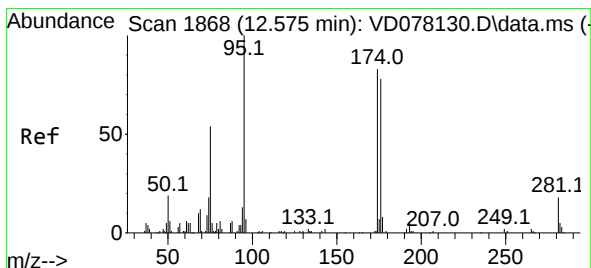
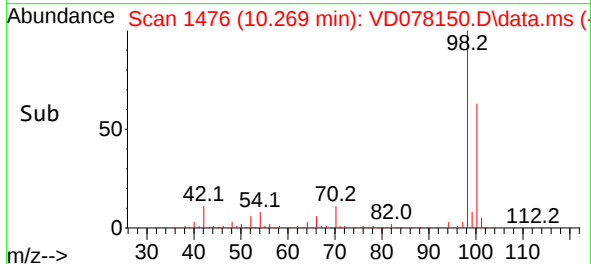
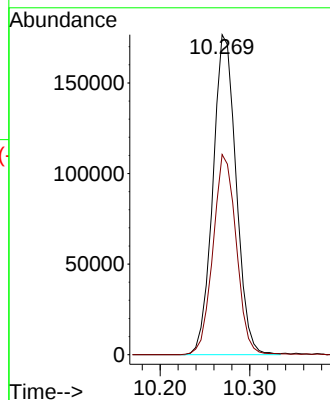
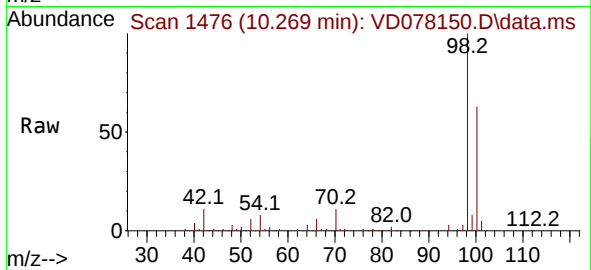
WC-1-VOC

Tgt Ion: 98 Resp: 317041

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 29.094 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

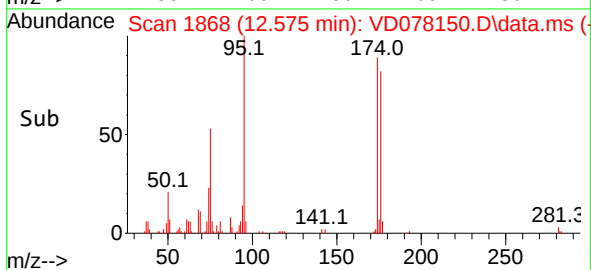
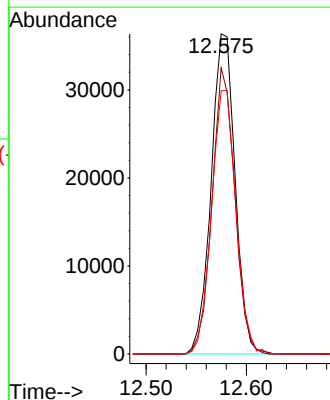
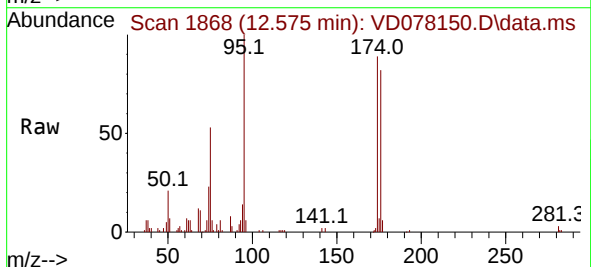
Tgt Ion: 95 Resp: 60479

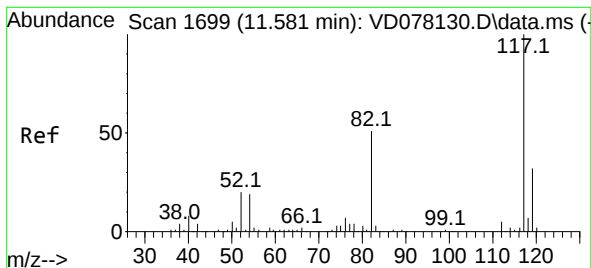
Ion Ratio Lower Upper

95 100

174 84.7 0.0 201.8

176 83.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

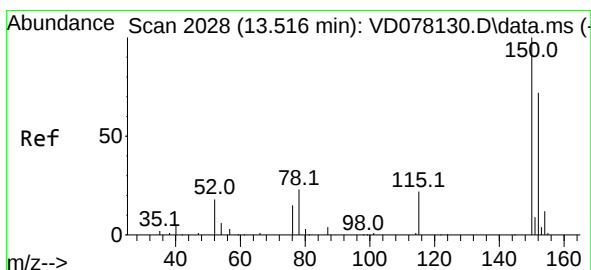
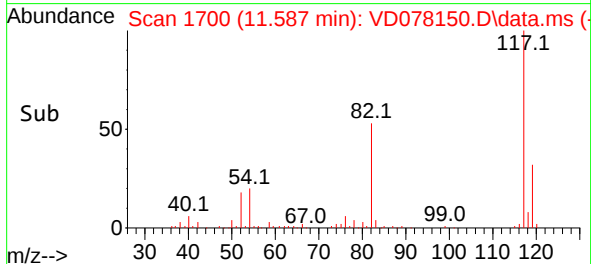
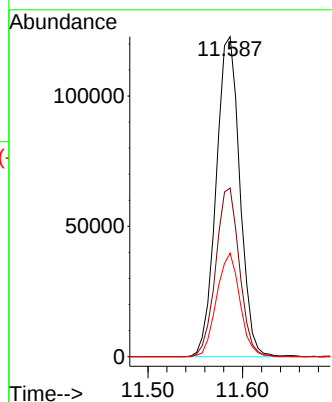
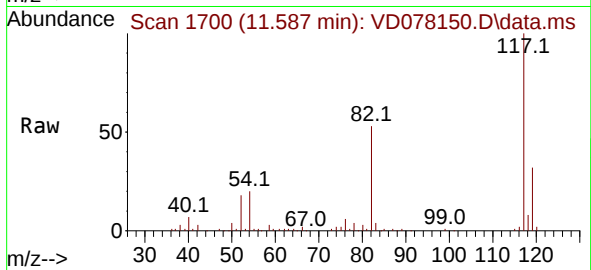
Tgt Ion:117 Resp: 213553

Ion Ratio Lower Upper

117 100

82 52.7 38.3 57.5

119 32.3 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

Tgt Ion:152 Resp: 43478

Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 160.0 0.0 353.6

