

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078984.D
 Acq On : 22 May 2024 17:23
 Operator : RP/MD
 Sample : P2527-03
 Misc : 4.43G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WCS-TPN-VOC

Quant Time: May 23 06:06:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64924	58.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.240%
35) Dibromofluoromethane	7.804	113	82711	50.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.269	98	309266	50.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.575	95	86071	49.926	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.860%

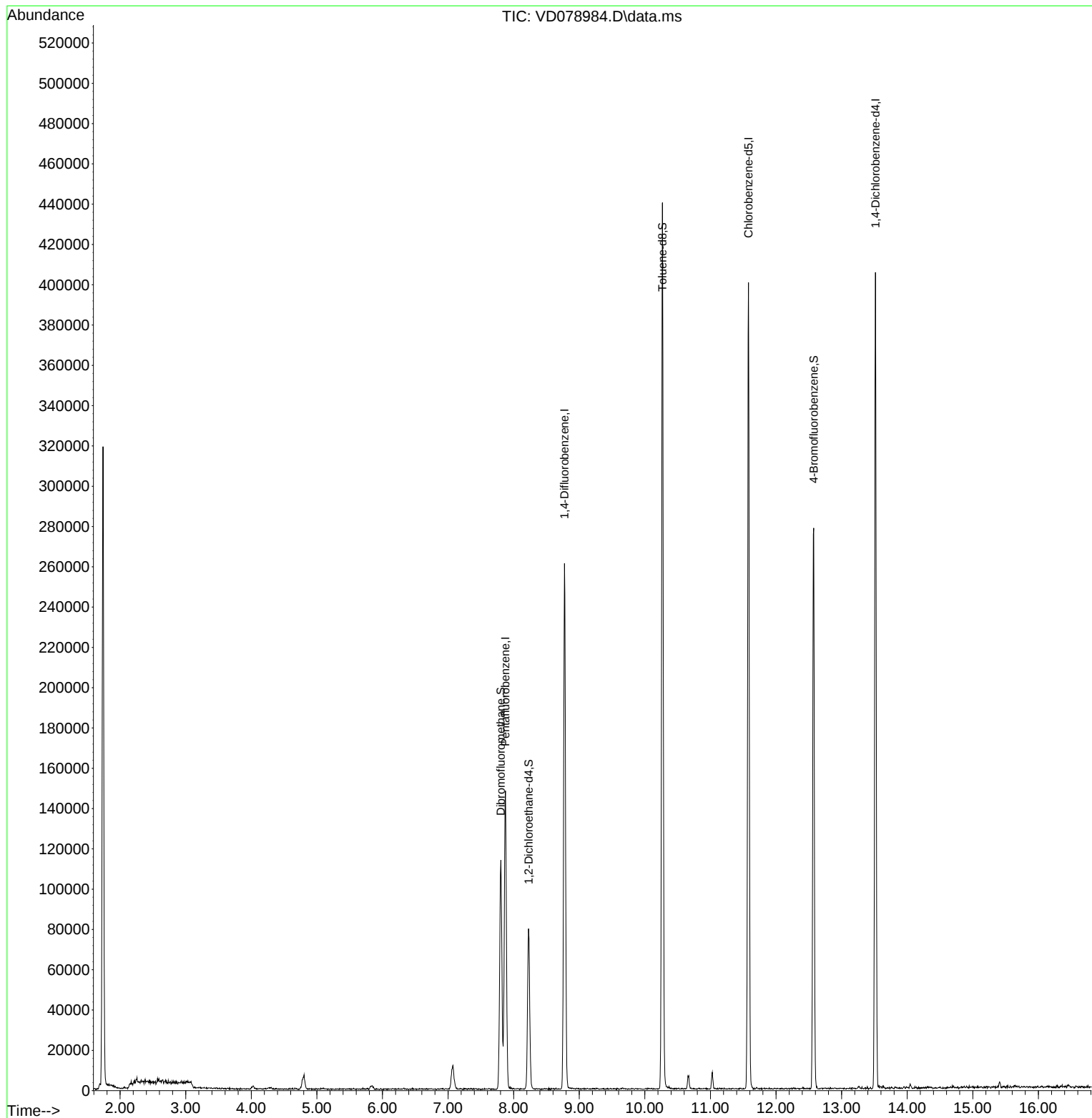
Target Compounds	Qvalue

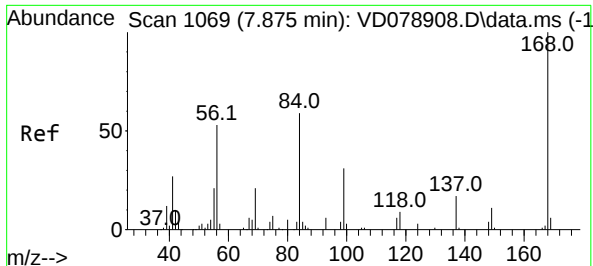
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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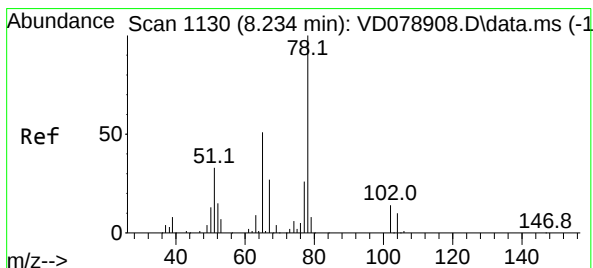
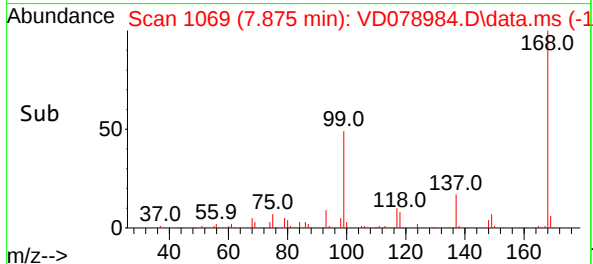
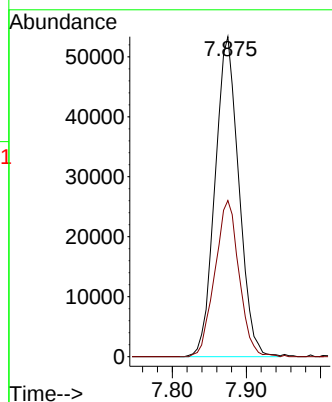
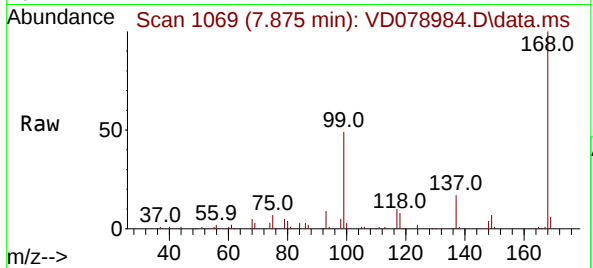




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

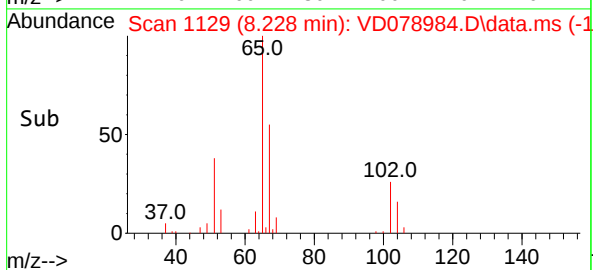
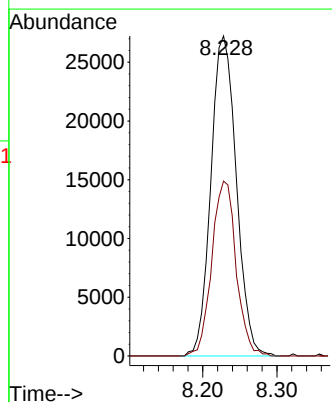
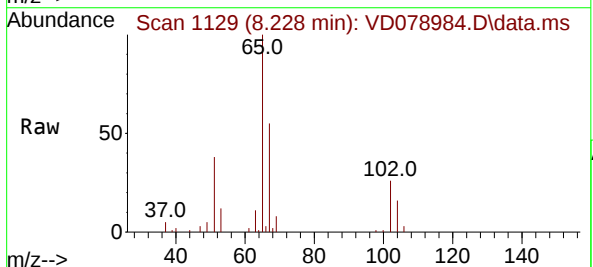
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPN-VOC

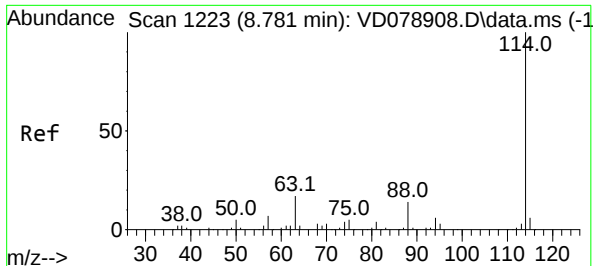
Tgt Ion:168 Resp: 119098
Ion Ratio Lower Upper
168 100
99 48.8 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 58.116 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Tgt Ion: 65 Resp: 64924
Ion Ratio Lower Upper
65 100
67 52.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

WCS-TPN-VOC

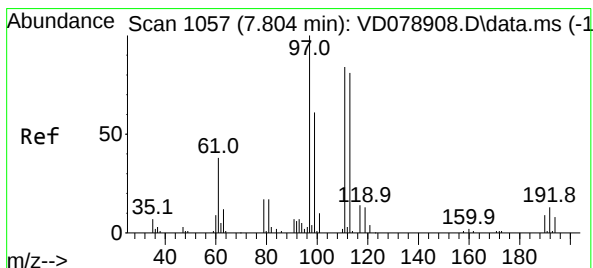
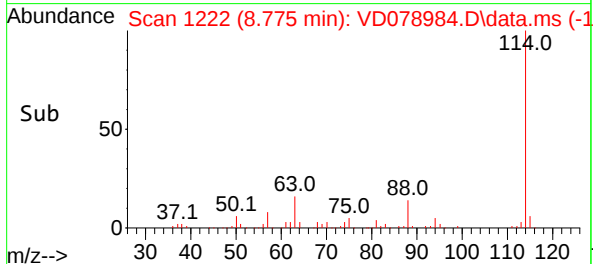
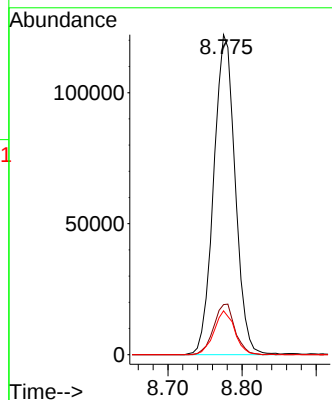
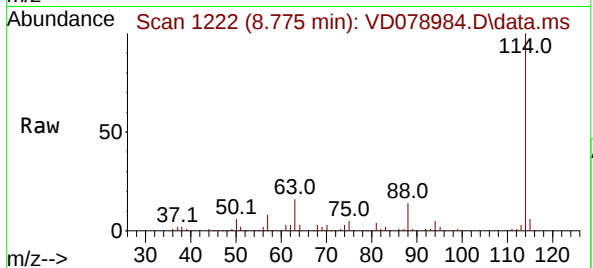
Tgt Ion:114 Resp: 245915

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.527 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

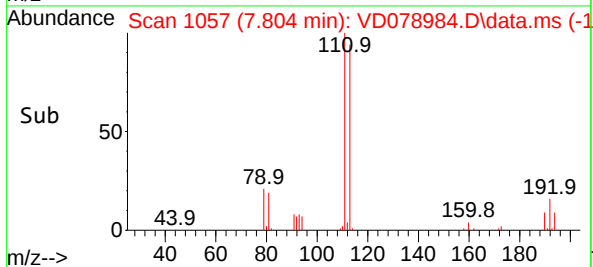
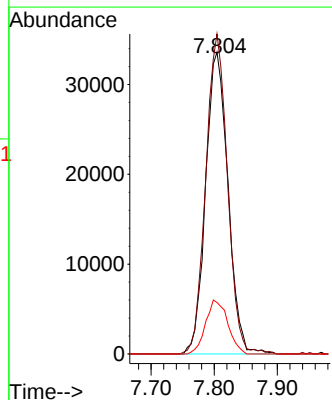
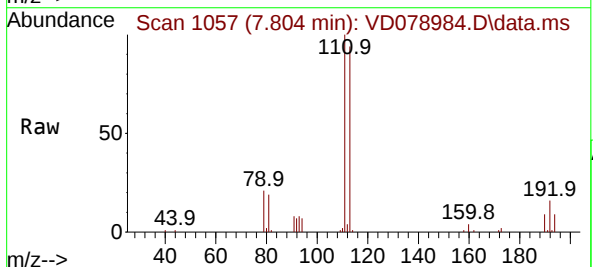
Tgt Ion:113 Resp: 82711

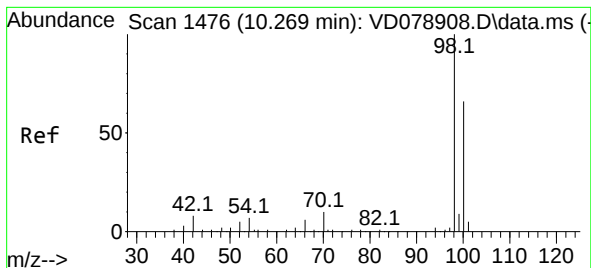
Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 17.7 15.4 23.0





#50

Toluene-d8

Concen: 50.396 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

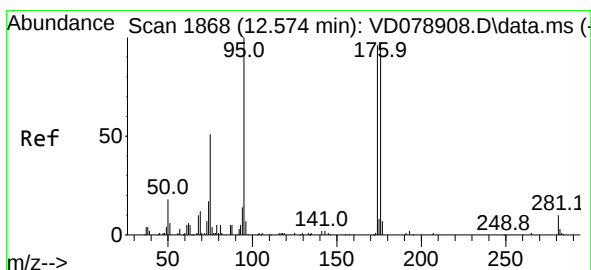
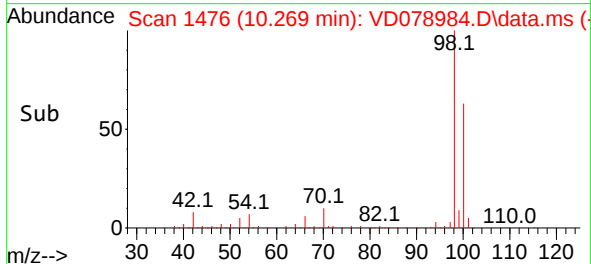
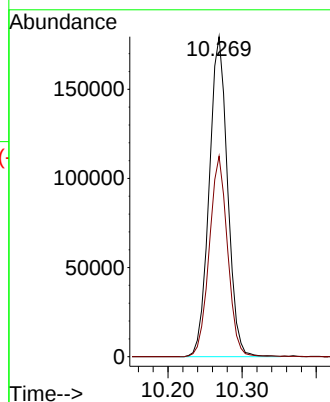
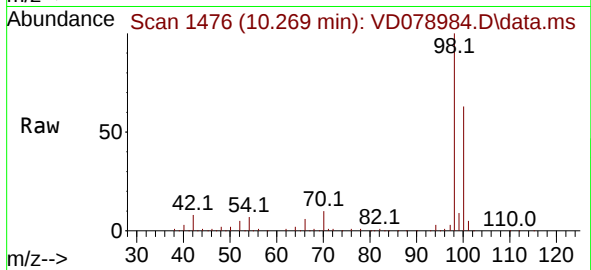
WCS-TPN-VOC

Tgt Ion: 98 Resp: 309266

Ion Ratio Lower Upper

98 100

100 62.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 49.926 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

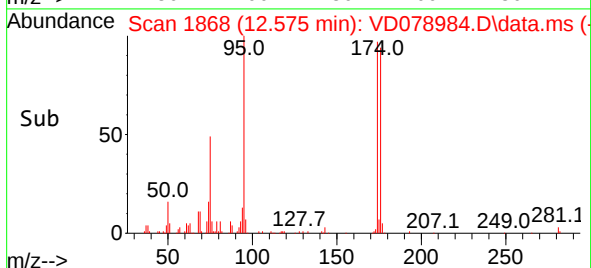
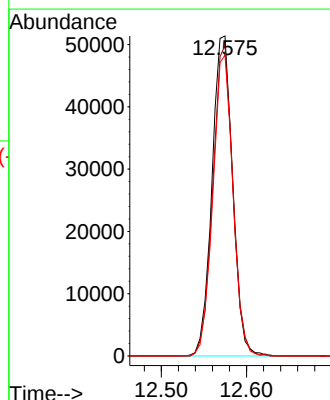
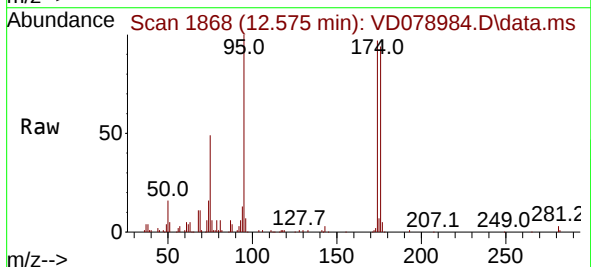
Tgt Ion: 95 Resp: 86071

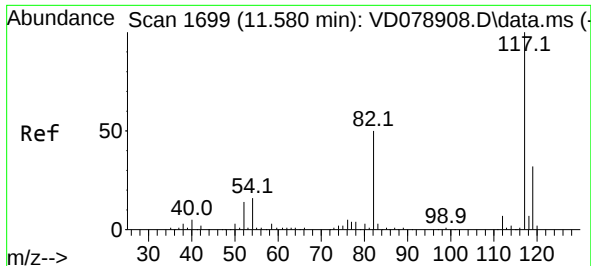
Ion Ratio Lower Upper

95 100

174 95.1 0.0 195.4

176 91.6 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

WCS-TPN-VOC

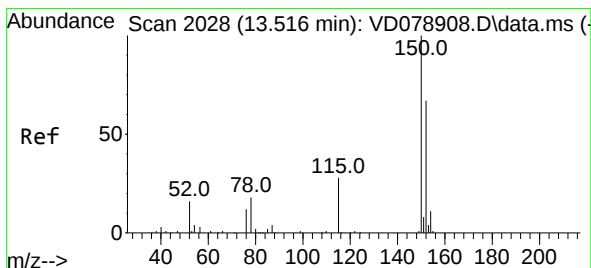
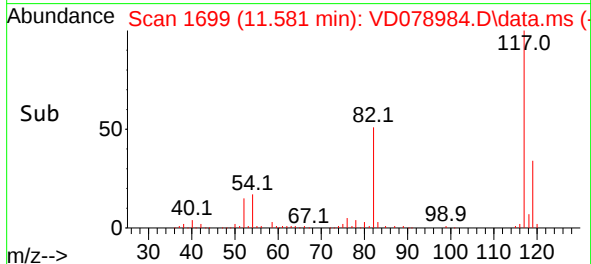
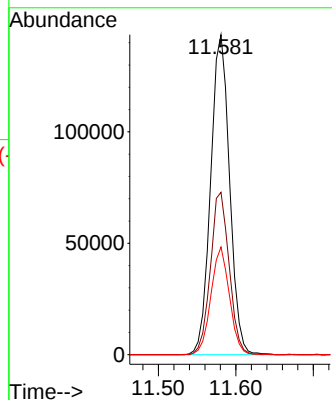
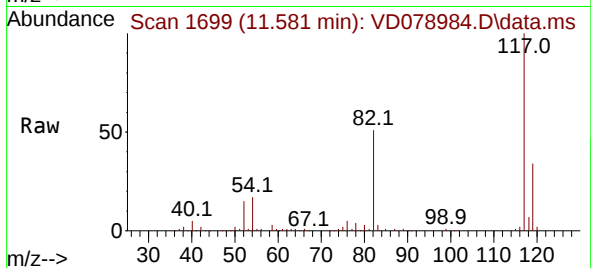
Tgt Ion:117 Resp: 243593

Ion Ratio Lower Upper

117 100

82 50.8 39.8 59.6

119 33.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

Tgt Ion:152 Resp: 113805

Ion Ratio Lower Upper

152 100

115 54.2 26.5 79.5

150 154.2 0.0 341.6

