

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
 Data File : VD078133.D
 Acq On : 08 Jan 2024 15:36
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jan 09 01:03:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 00:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	173566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	321586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	133435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80986	44.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.640%
35) Dibromofluoromethane	7.811	113	96316	41.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.120%
50) Toluene-d8	10.269	98	385436	49.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.575	95	116831	43.179	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.360%

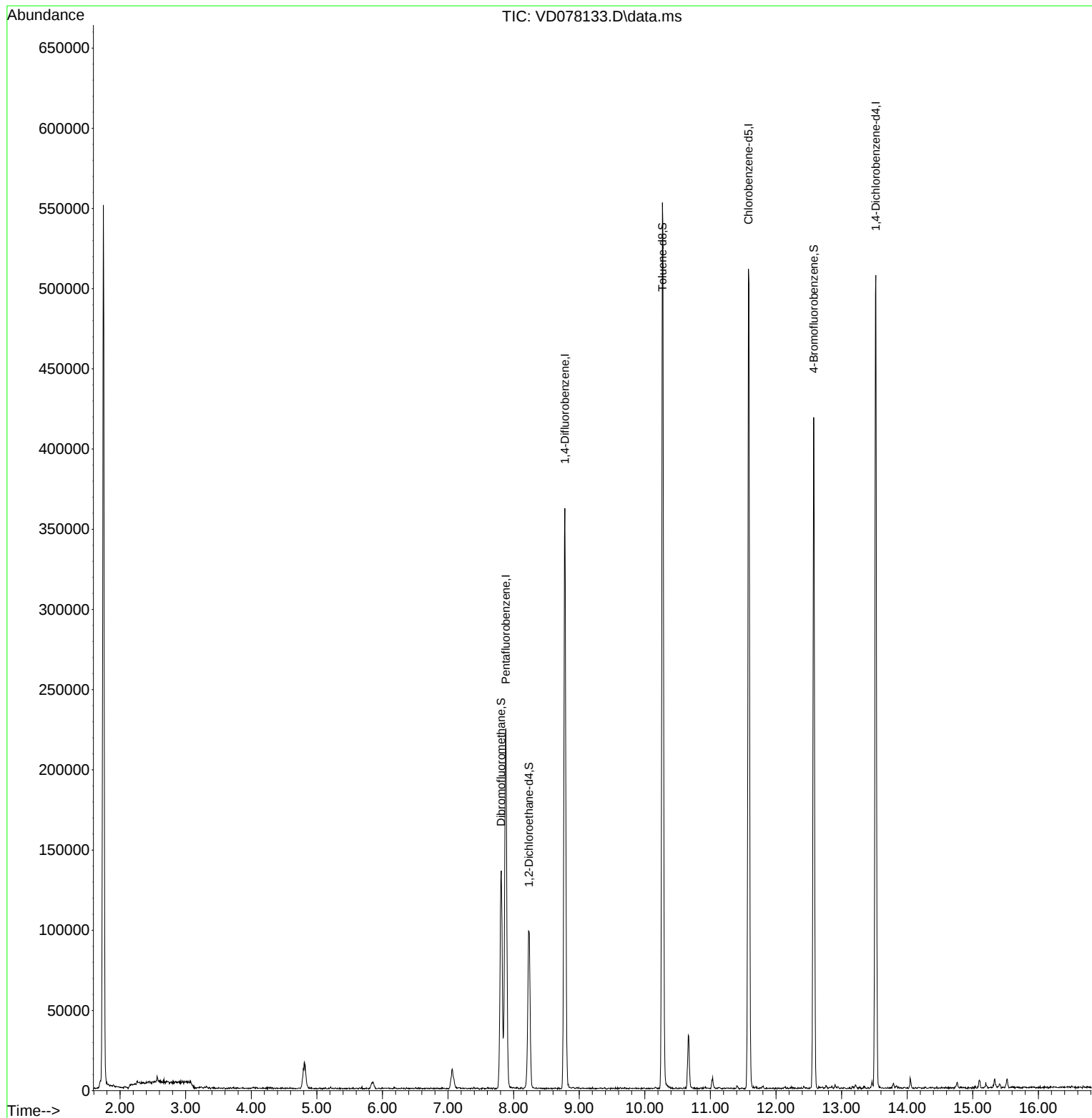
Target Compounds	Qvalue

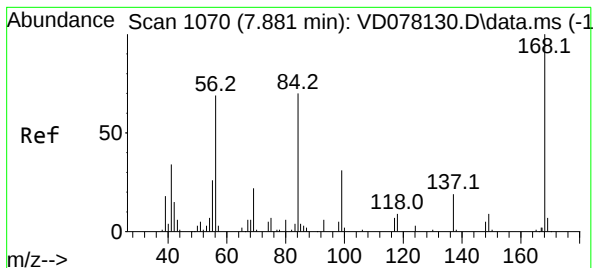
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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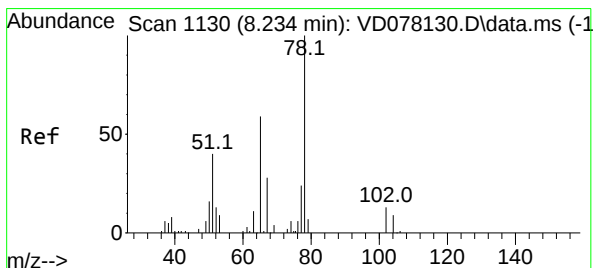
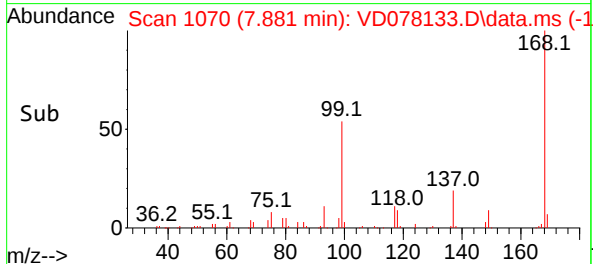
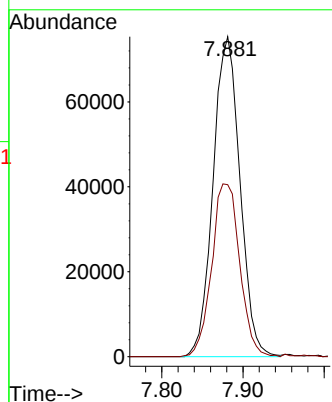
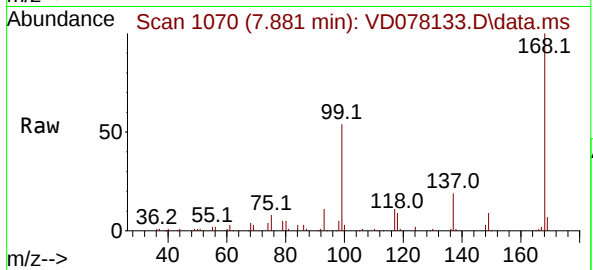




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078133.D
Acq: 08 Jan 2024 15:36

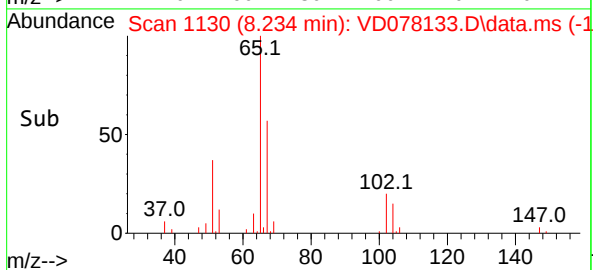
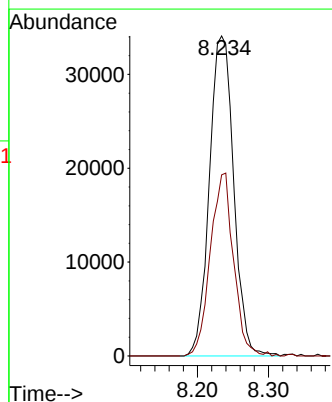
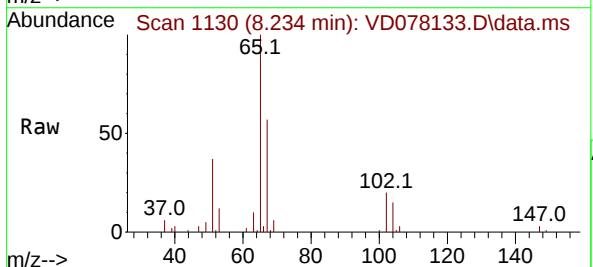
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

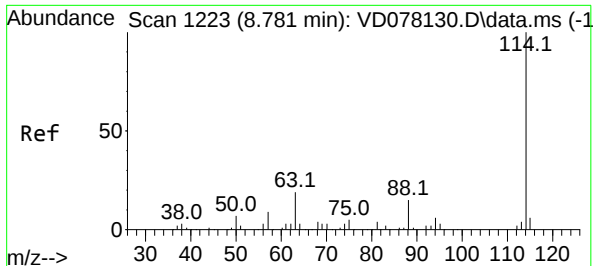
Tgt Ion:168 Resp: 173566
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 44.321 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078133.D
Acq: 08 Jan 2024 15:36

Tgt Ion: 65 Resp: 80986
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078133.D

Acq: 08 Jan 2024 15:36

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

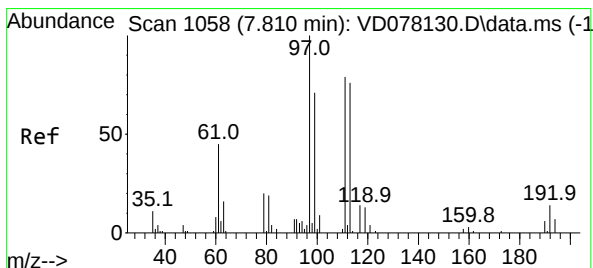
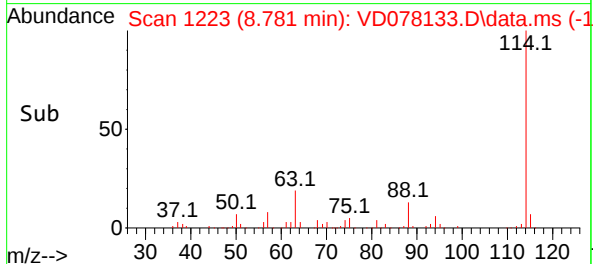
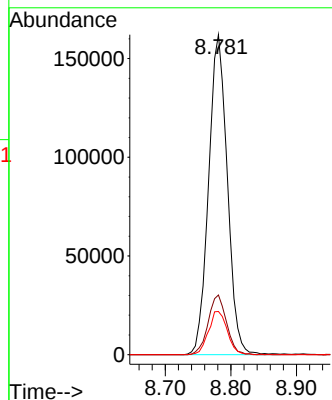
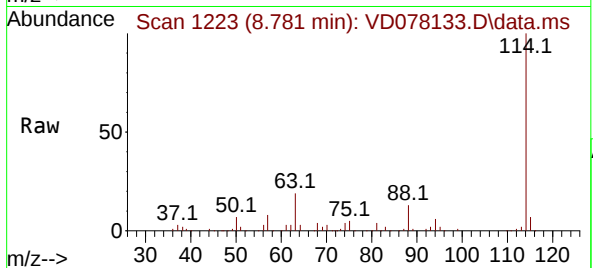
Tgt Ion:114 Resp: 321586

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 41.557 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078133.D

Acq: 08 Jan 2024 15:36

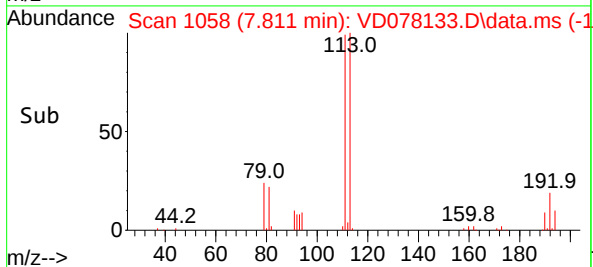
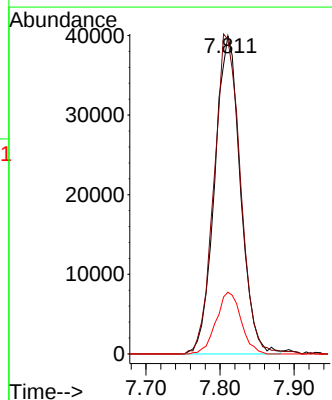
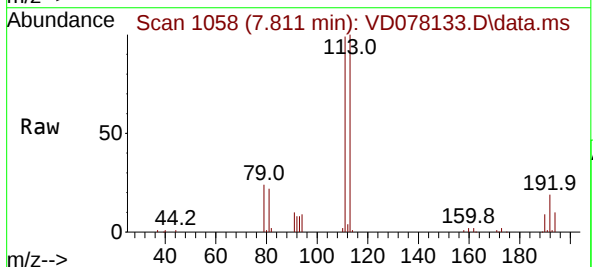
Tgt Ion:113 Resp: 96316

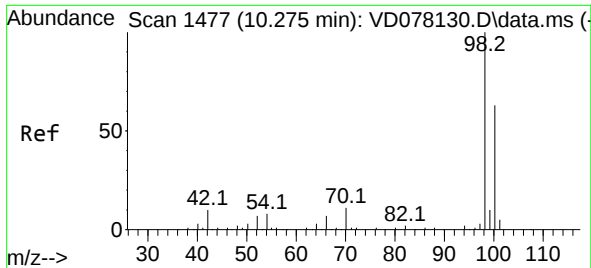
Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 18.8 16.8 25.2

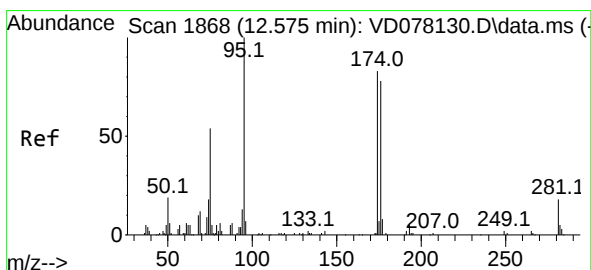
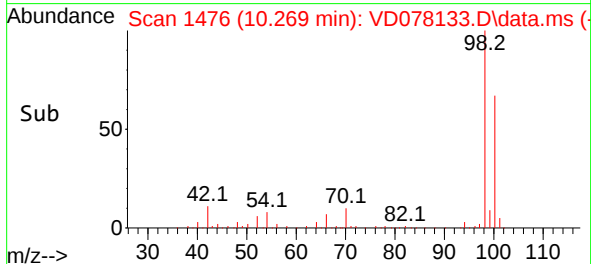
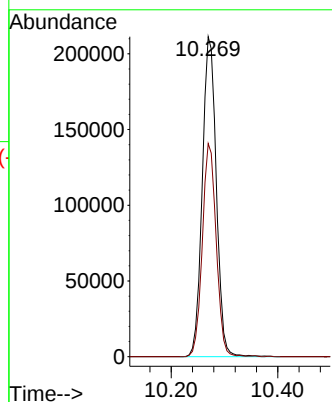
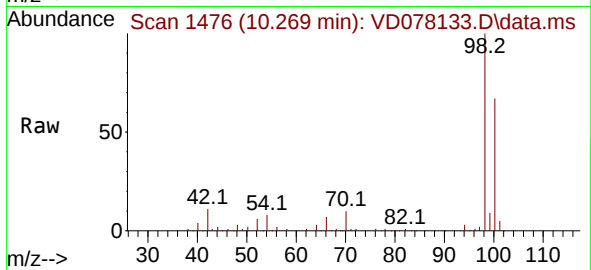




#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD078133.D
Acq: 08 Jan 2024 15:36

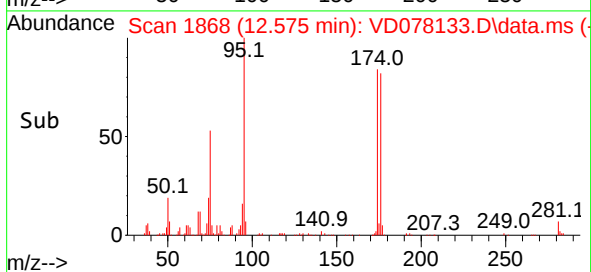
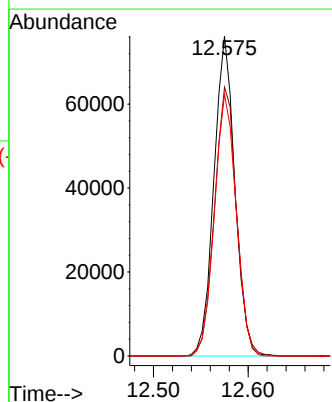
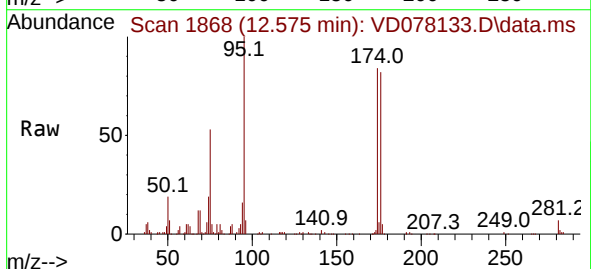
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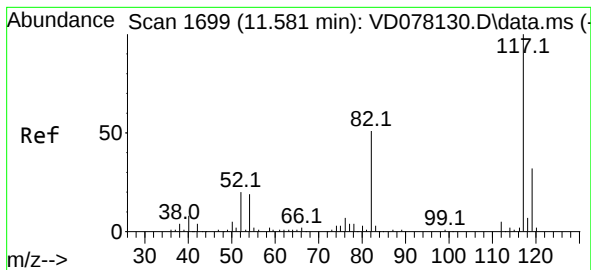
Tgt Ion: 98 Resp: 385436
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.179 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078133.D
Acq: 08 Jan 2024 15:36

Tgt Ion: 95 Resp: 116831
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 85.5 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: VD078133.D

Acq: 08 Jan 2024 15:36

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

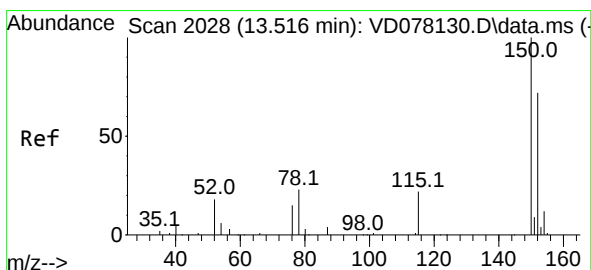
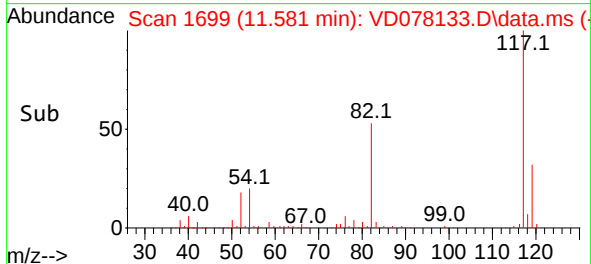
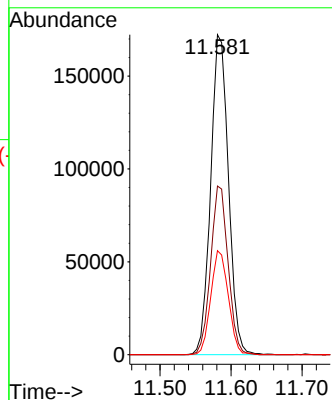
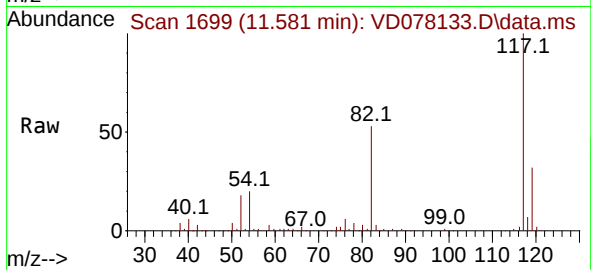
Tgt Ion:117 Resp: 299108

Ion Ratio Lower Upper

117 100

82 52.7 38.3 57.5

119 32.5 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: VD078133.D

Acq: 08 Jan 2024 15:36

Tgt Ion:152 Resp: 133435

Ion Ratio Lower Upper

152 100

115 58.2 27.1 81.3

150 157.4 0.0 353.6

