

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078151.D
 Acq On : 11 Jan 2024 15:38
 Operator : RP/MD
 Sample : P1118-07
 Misc : 4.65G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-VOC

Quant Time: Jan 12 00:38:07 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	107739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	215155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87120	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56042	49.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.811	113	70101	45.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.420%
50) Toluene-d8	10.269	98	272311	52.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.575	95	78336	43.273	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.540%

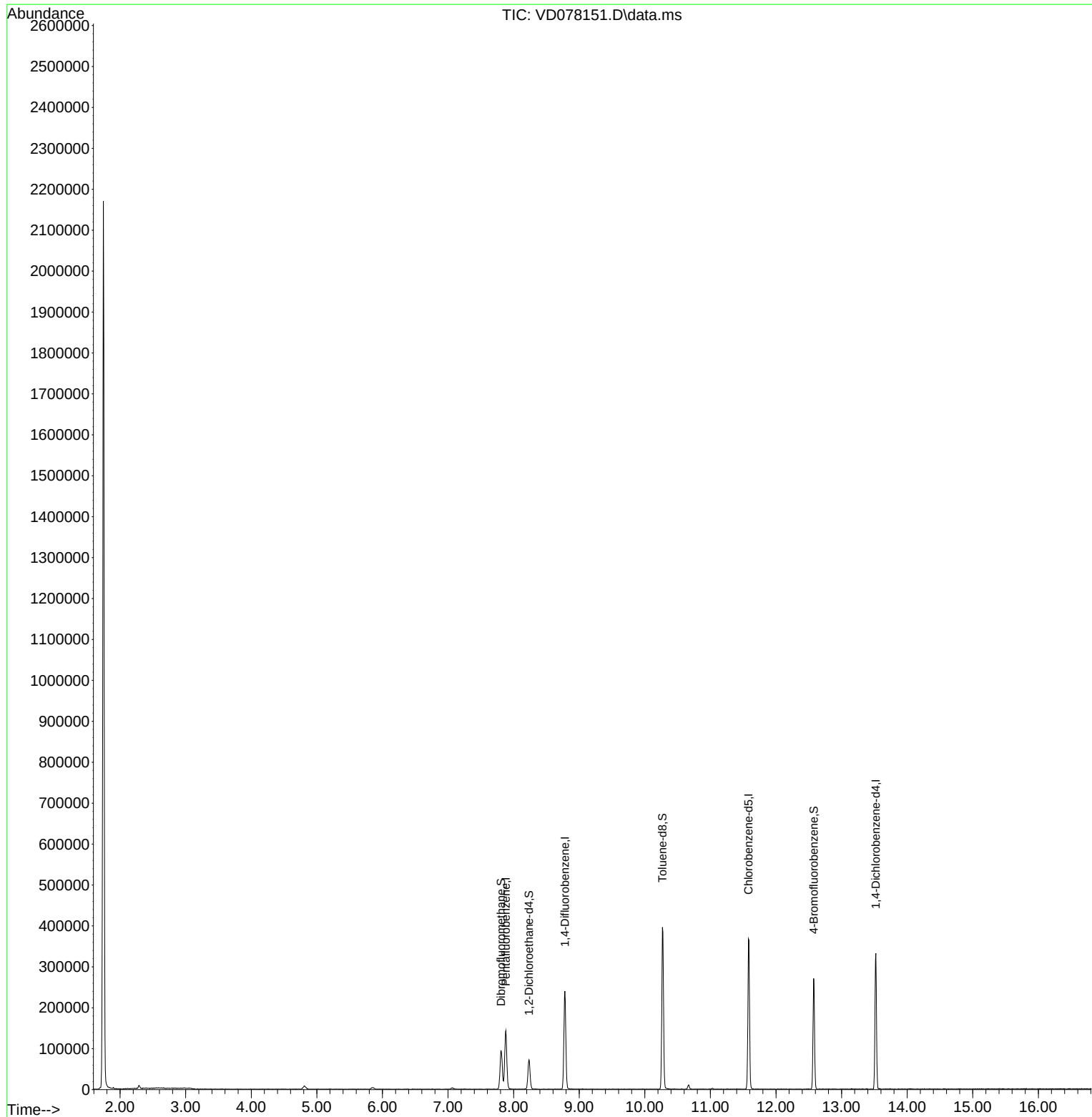
Target Compounds	Qvalue

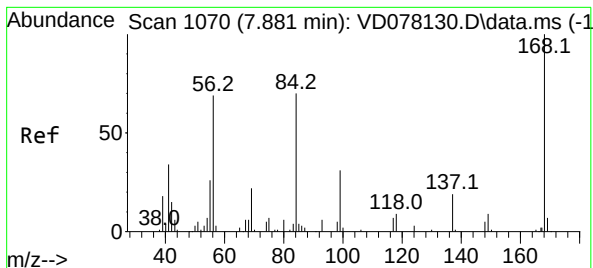
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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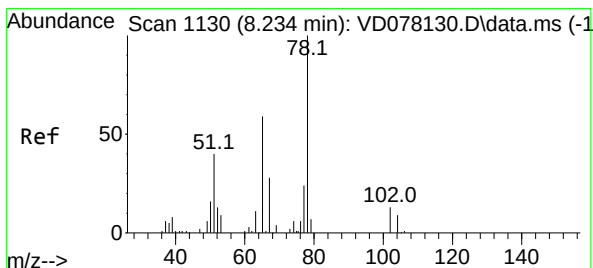
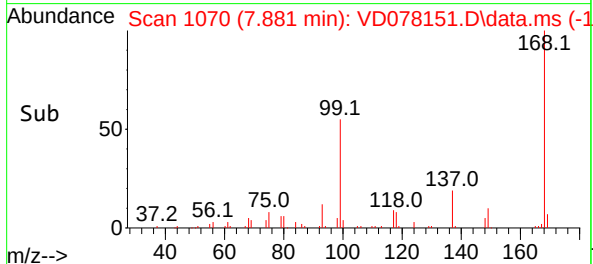
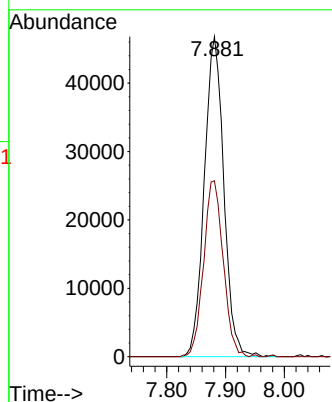
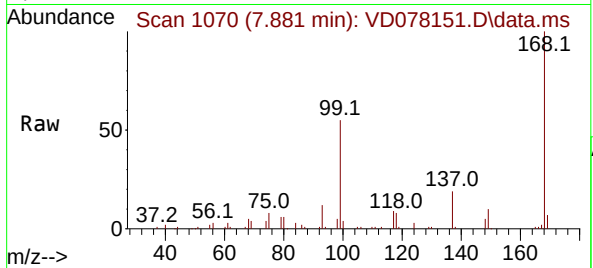




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

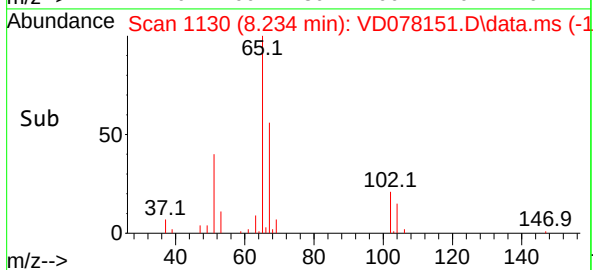
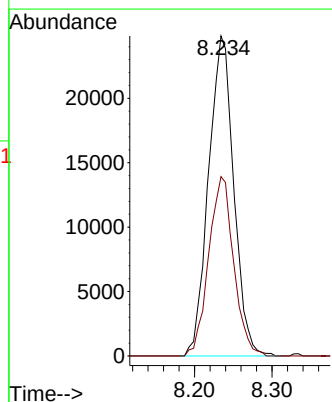
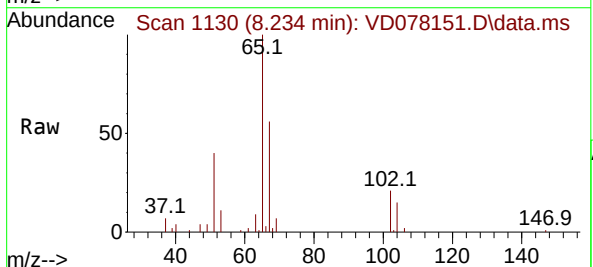
Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

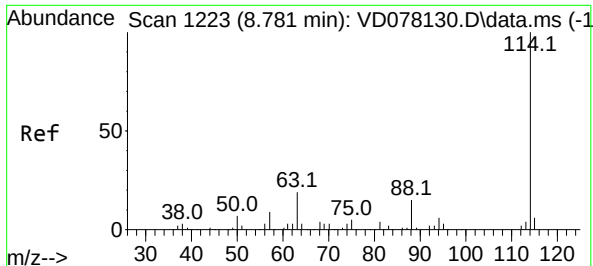
Tgt Ion:168 Resp: 107739
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 49.409 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

Tgt Ion: 65 Resp: 56042
Ion Ratio Lower Upper
65 100
67 55.6 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: VD078151.D

Acq: 11 Jan 2024 15:38

Instrument :

MSVOA_D

ClientSampleId :

WC-2-VOC

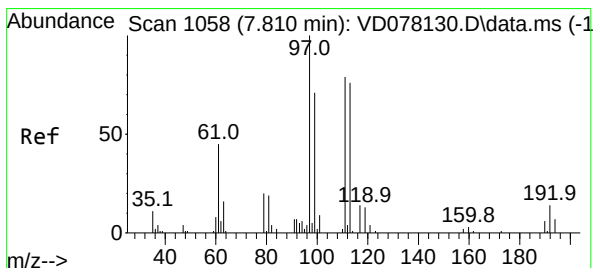
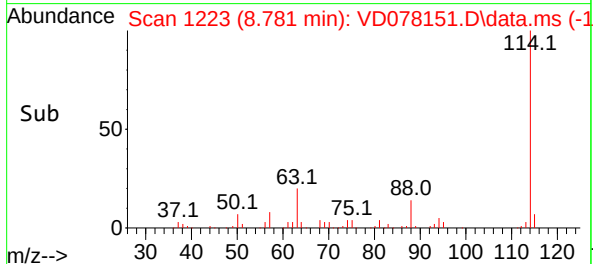
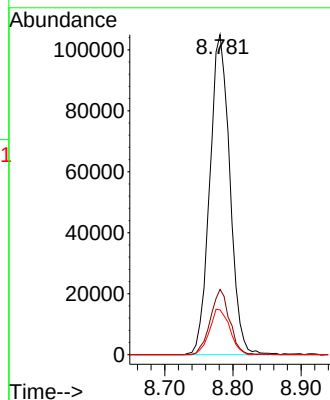
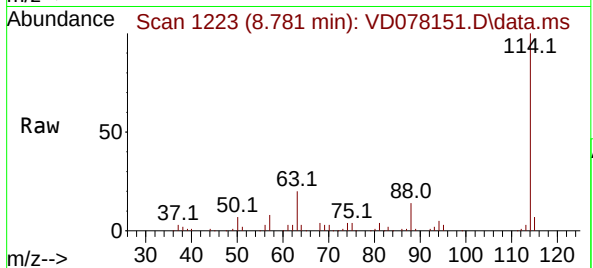
Tgt Ion:114 Resp: 215155

Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.208 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078151.D

Acq: 11 Jan 2024 15:38

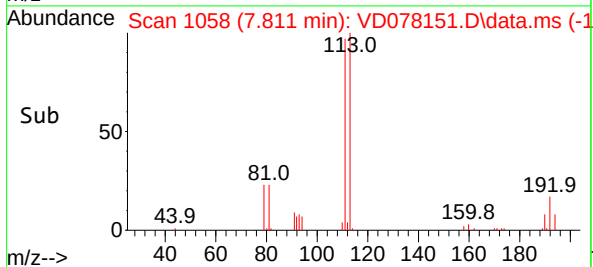
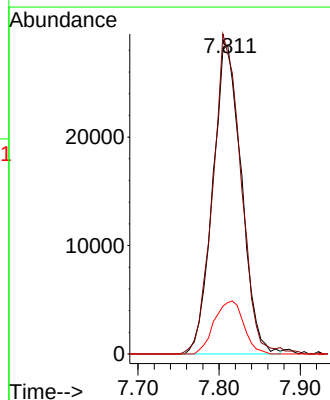
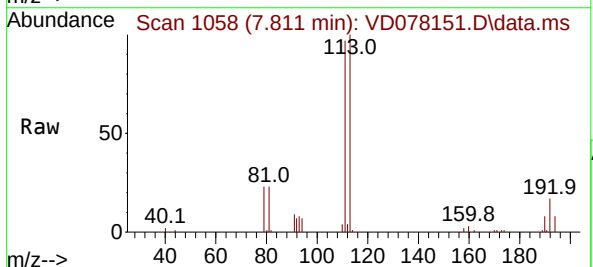
Tgt Ion:113 Resp: 70101

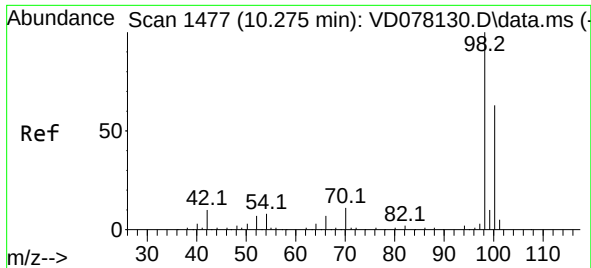
Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 17.6 16.8 25.2

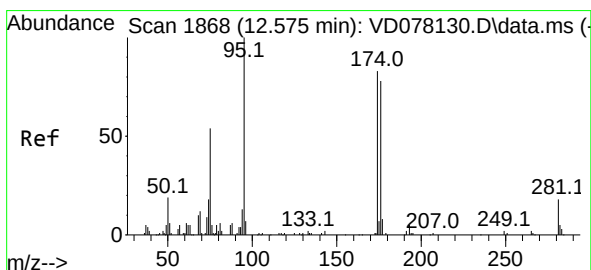
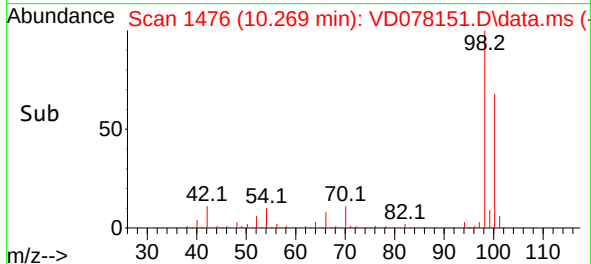
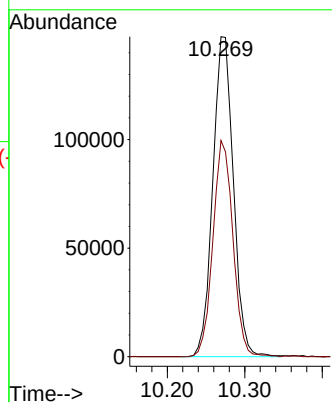
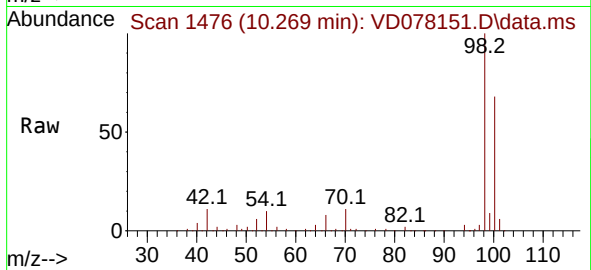




#50
Toluene-d8
Concen: 52.364 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

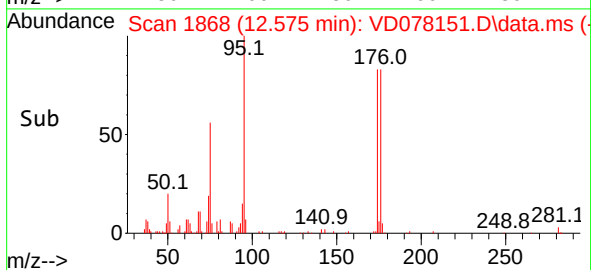
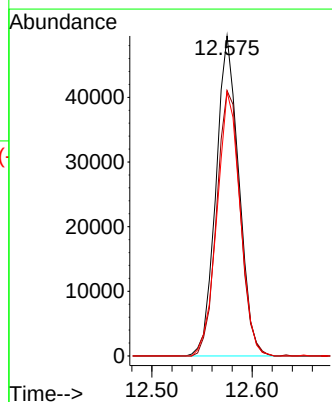
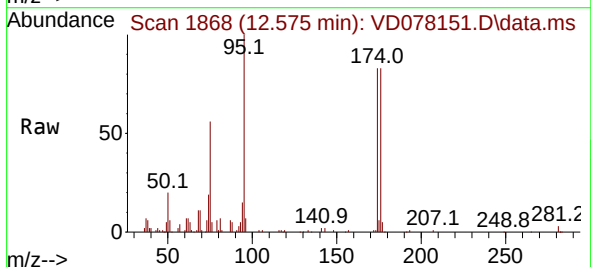
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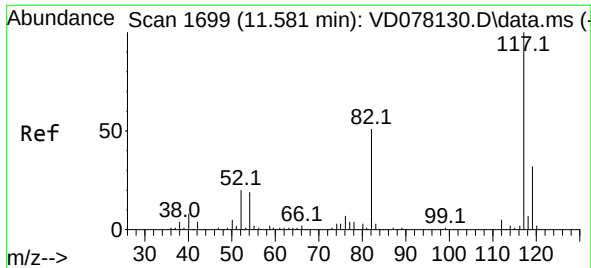
Tgt Ion: 98 Resp: 272311
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.273 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

Tgt Ion: 95 Resp: 78336
Ion Ratio Lower Upper
95 100
174 85.5 0.0 201.8
176 83.6 0.0 191.8

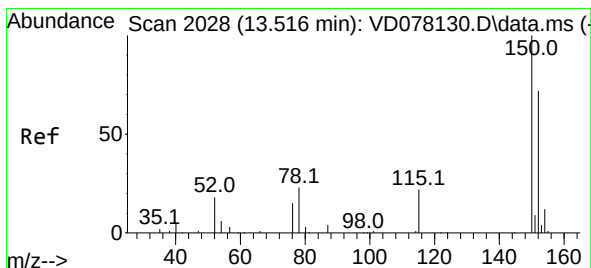
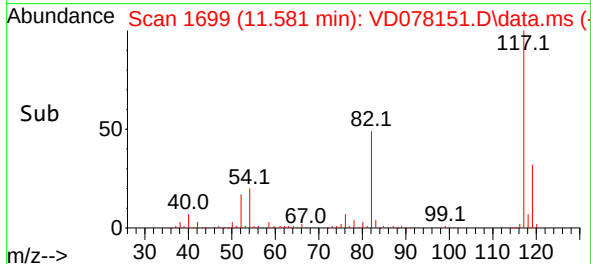
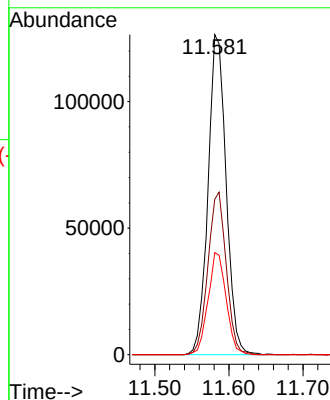
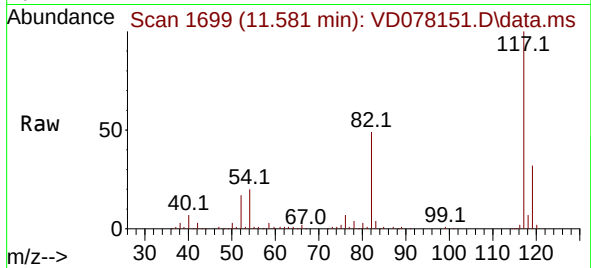




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

Tgt Ion:117 Resp: 213913
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 31.9 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: VD078151.D
Acq: 11 Jan 2024 15:38

Tgt Ion:152 Resp: 87120
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 155.1 0.0 353.6

