

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078291.D
 Acq On : 31 Jan 2024 14:06
 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: Feb 01 02:59:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	1500	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	6432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15880	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	10060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19201	1034.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 2068.060%#	
35) Dibromofluoromethane	7.805	113	7425	162.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 324.300%#	
50) Toluene-d8	10.275	98	9665	55.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.500%	
62) 4-Bromofluorobenzene	12.575	95	8869	170.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 341.640%#	

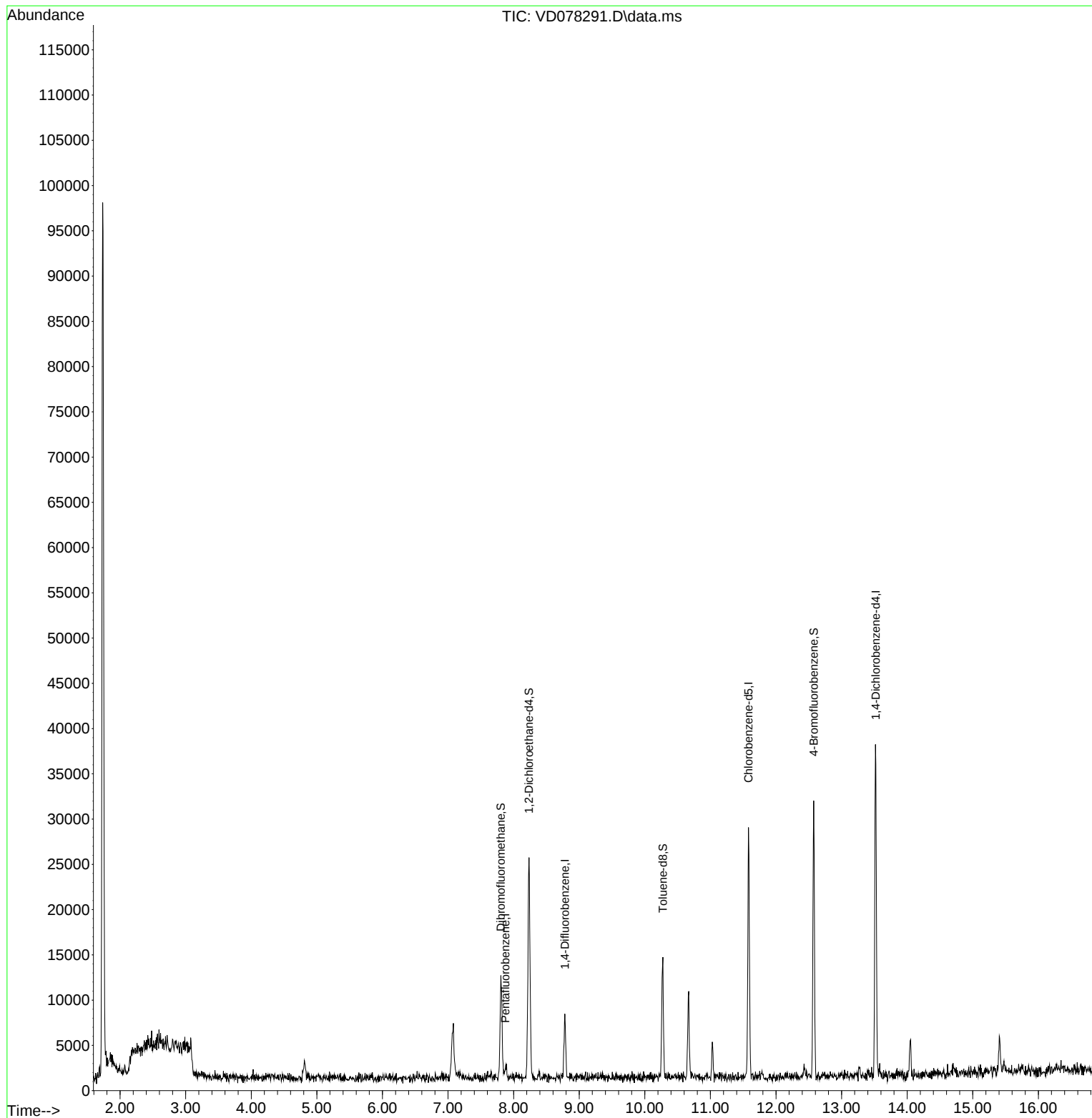
Target Compounds	Qvalue

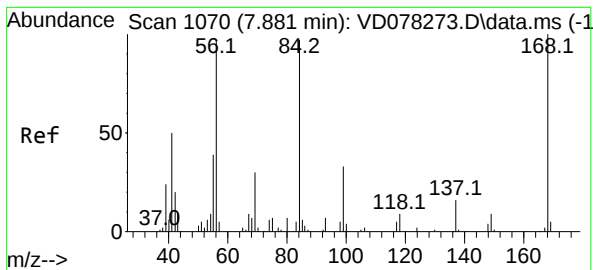
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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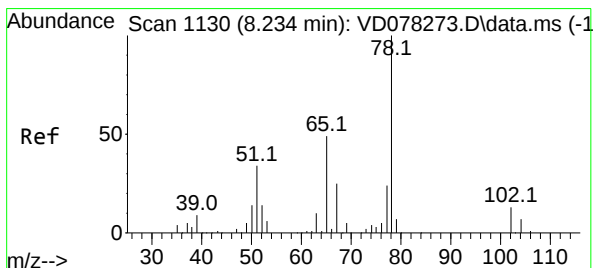
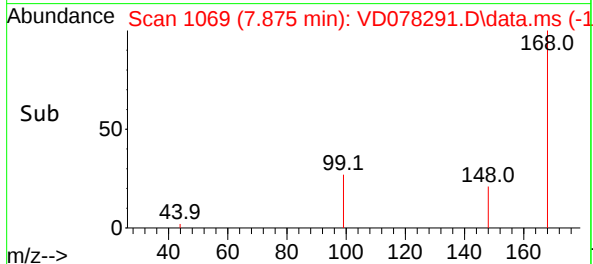
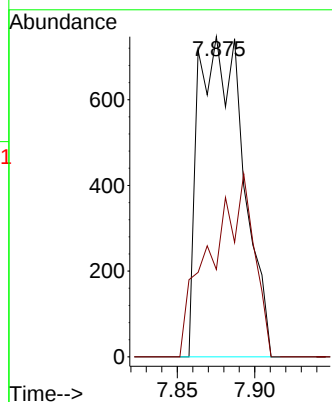
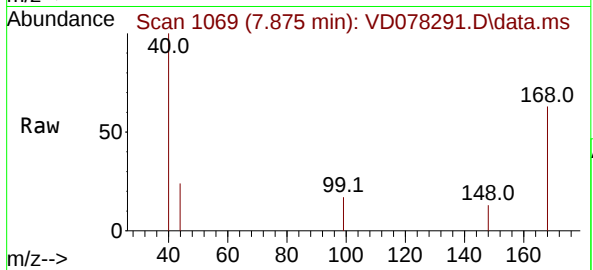




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078291.D
Acq: 31 Jan 2024 14:06

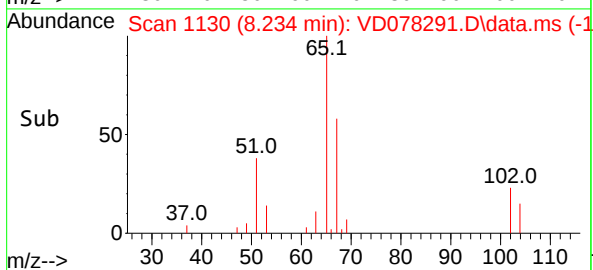
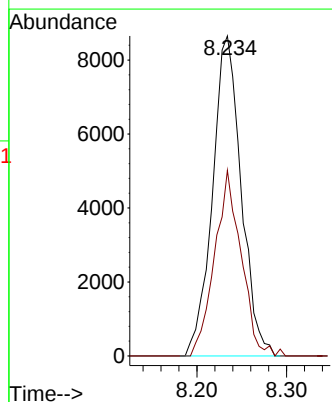
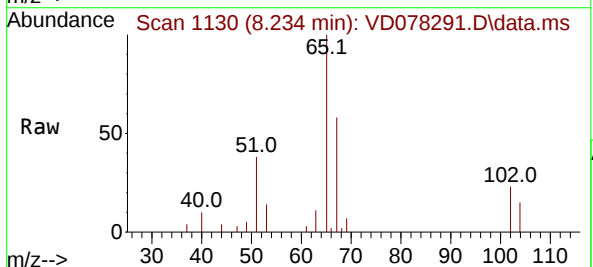
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

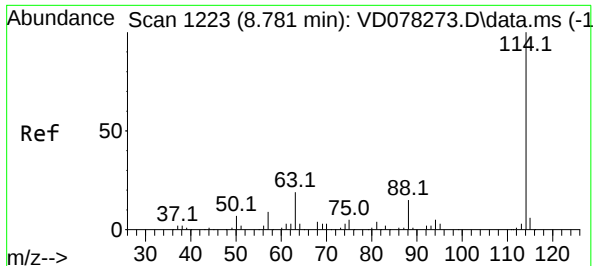
Tgt Ion:168 Resp: 1500
Ion Ratio Lower Upper
168 100
99 27.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 1034.033 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078291.D
Acq: 31 Jan 2024 14:06

Tgt Ion: 65 Resp: 19201
Ion Ratio Lower Upper
65 100
67 53.8 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: VD078291.D

Acq: 31 Jan 2024 14:06

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

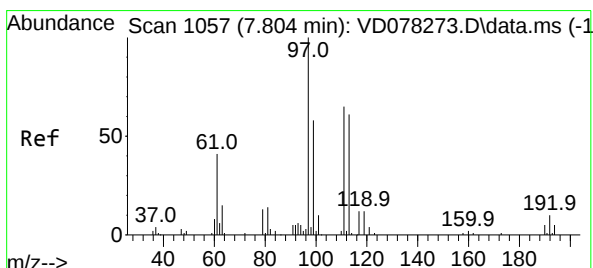
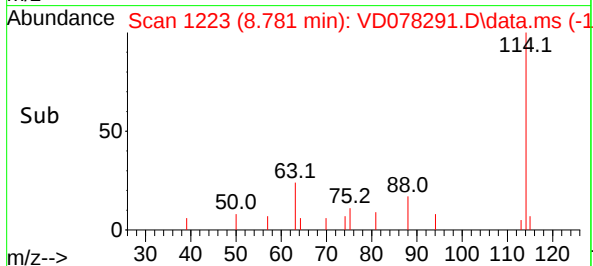
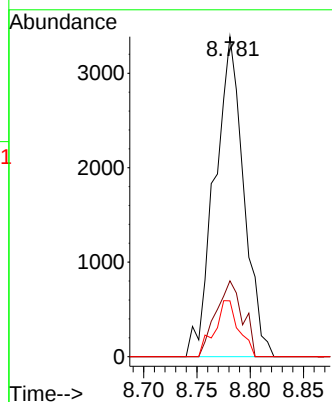
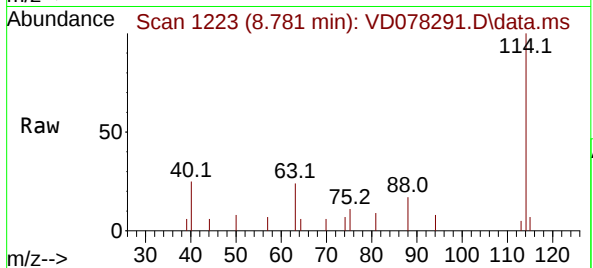
Tgt Ion:114 Resp: 6432

Ion Ratio Lower Upper

114 100

63 23.7 0.0 33.4

88 17.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 162.149 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078291.D

Acq: 31 Jan 2024 14:06

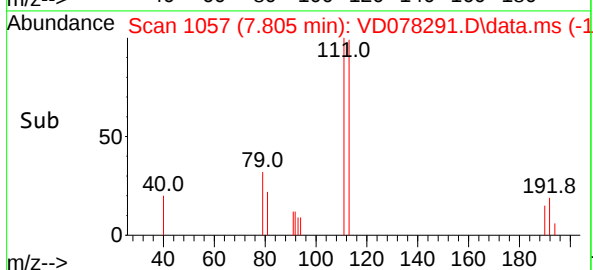
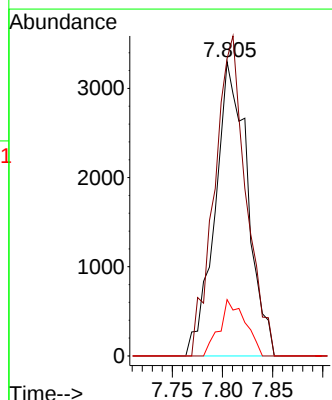
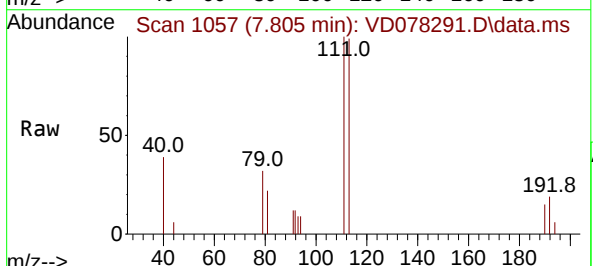
Tgt Ion:113 Resp: 7425

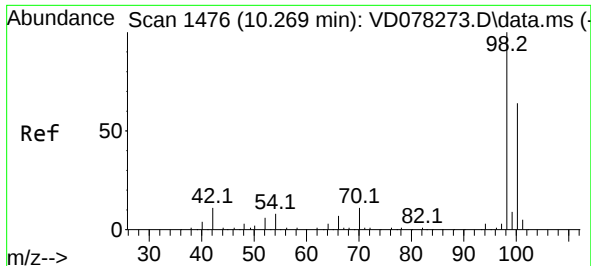
Ion Ratio Lower Upper

113 100

111 105.5 84.7 127.1

192 15.2 16.8 25.2#

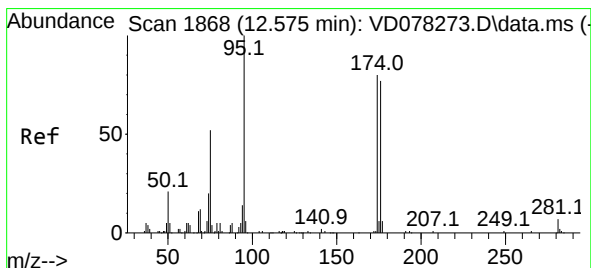
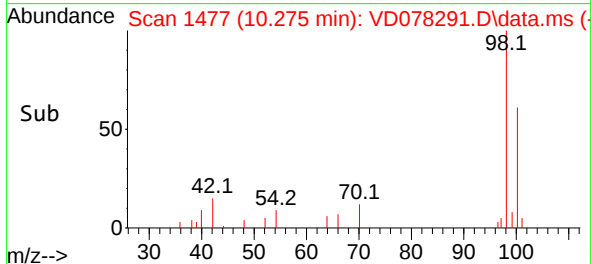
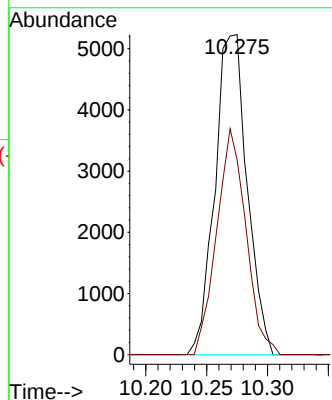
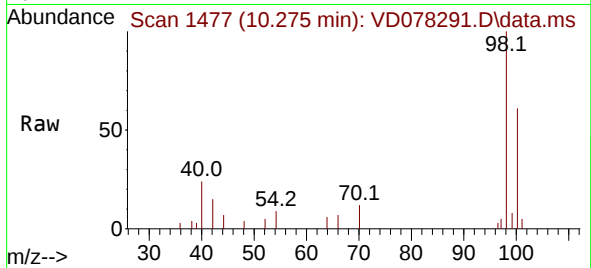




#50
Toluene-d8
Concen: 55.749 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078291.D
Acq: 31 Jan 2024 14:06

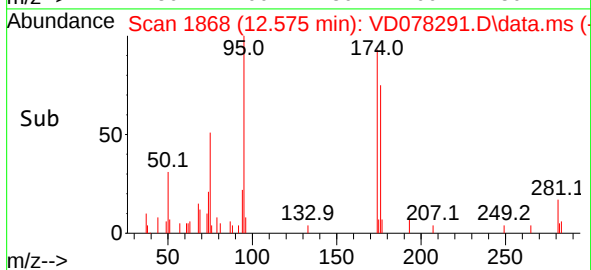
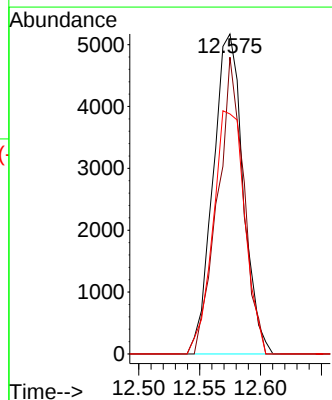
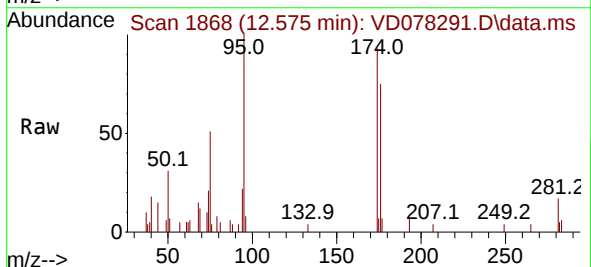
Instrument :
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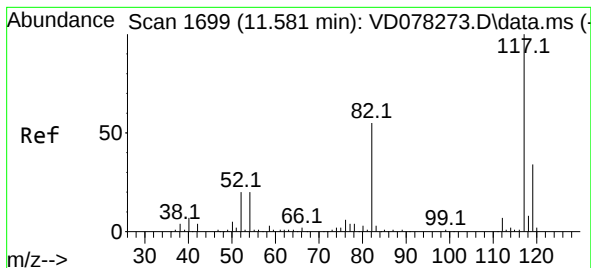
Tgt Ion: 98 Resp: 9665
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 170.825 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078291.D
Acq: 31 Jan 2024 14:06

Tgt Ion: 95 Resp: 8869
Ion Ratio Lower Upper
95 100
174 80.4 0.0 201.8
176 80.2 0.0 191.8

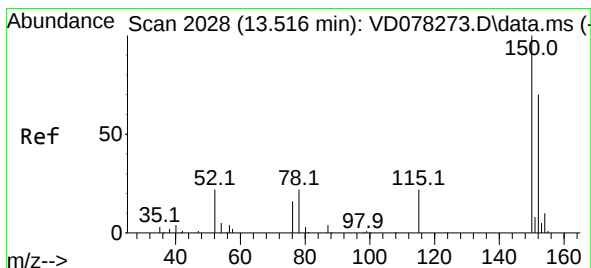
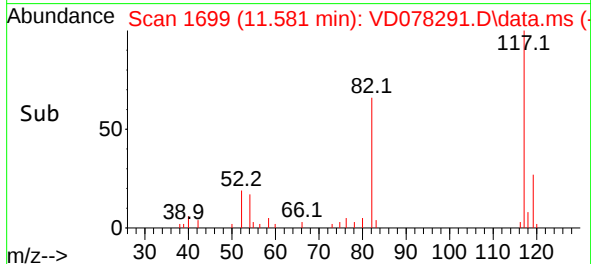
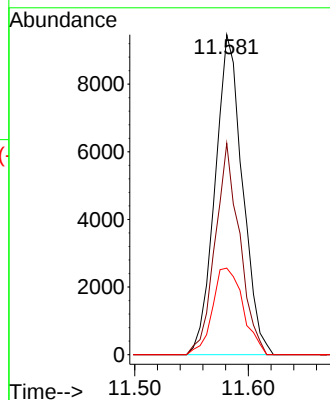
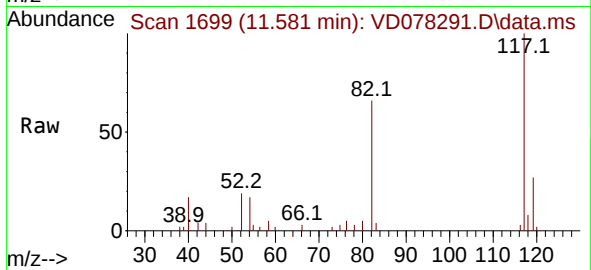




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078291.D
Acq: 31 Jan 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 15880
Ion Ratio Lower Upper
117 100
82 66.0 38.3 57.5#
119 27.0 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: VD078291.D
Acq: 31 Jan 2024 14:06

Tgt Ion:152 Resp: 10060
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 155.8 0.0 353.6

