

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076154.D
 Acq On : 09 Jan 2023 14:28
 Operator : JC\MD
 Sample : 01078-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jan 10 01:06:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	303311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	478945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	410638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165175	50.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.120%
35) Dibromofluoromethane	8.171	113	146782	49.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	10.571	98	554236	49.978	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.853	95	166525	45.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%

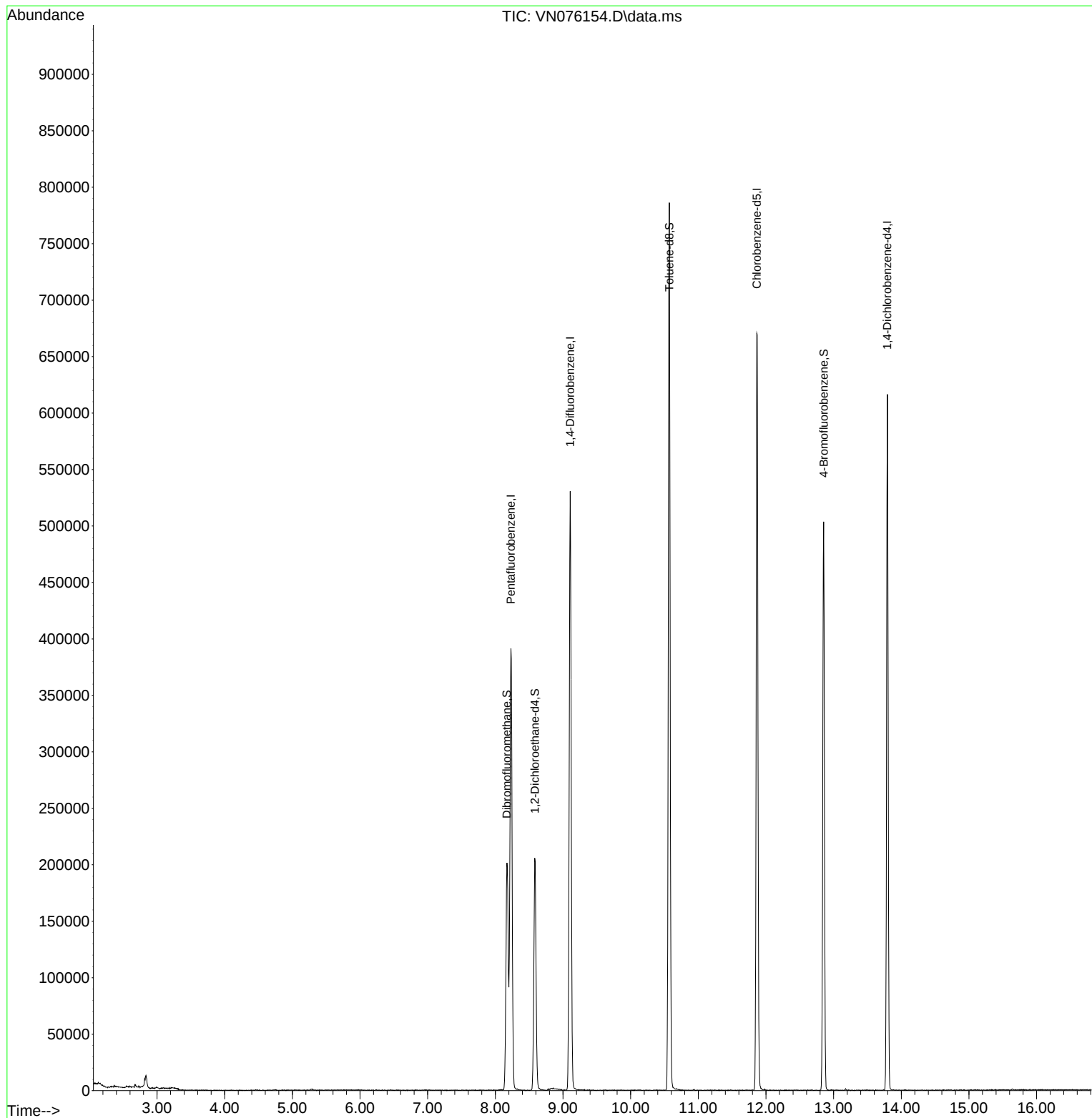
Target Compounds	Qvalue

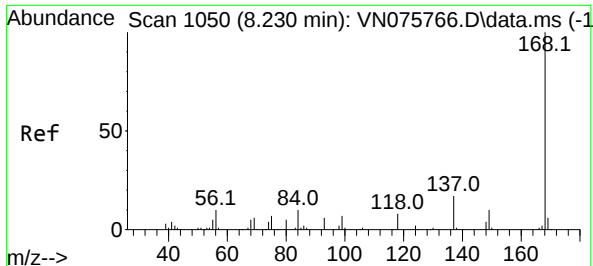
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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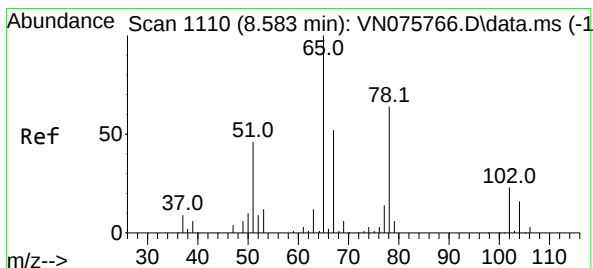
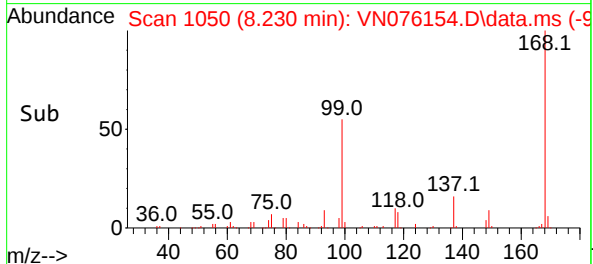
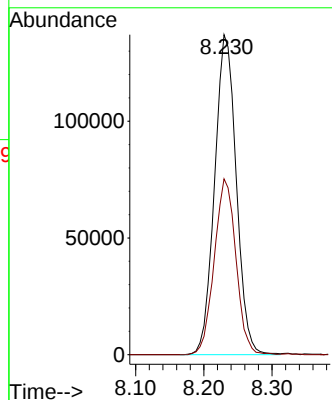
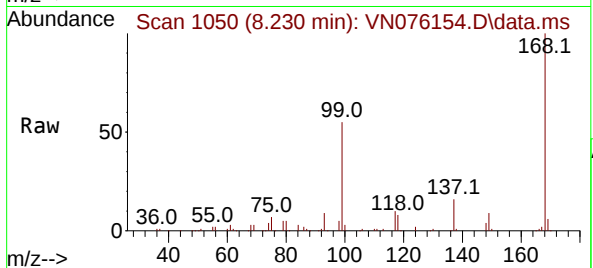




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

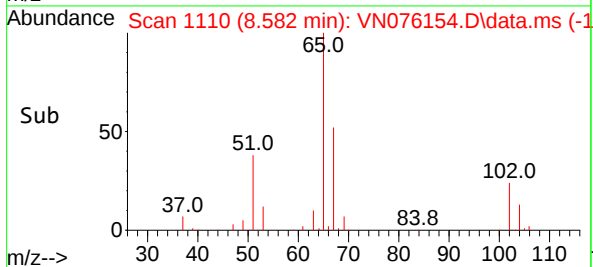
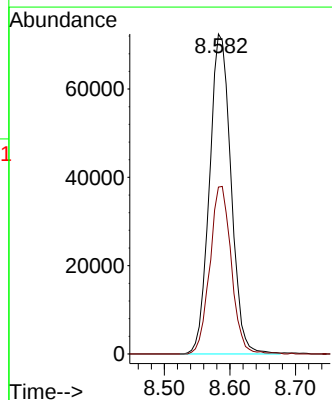
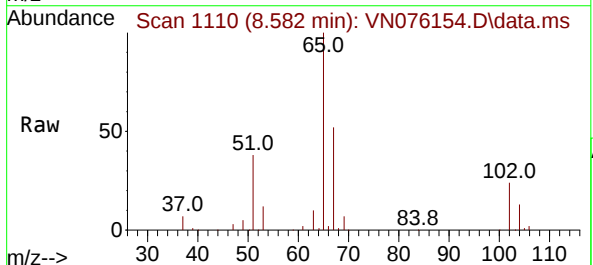
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

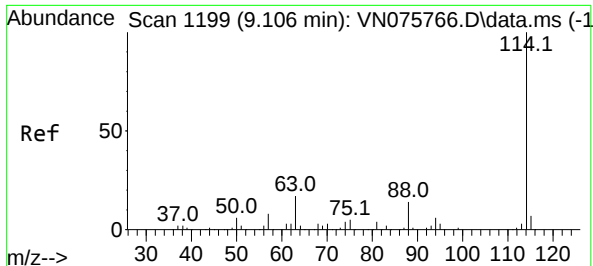
Tgt Ion:168 Resp: 303311
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.057 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

Tgt Ion: 65 Resp: 165175
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

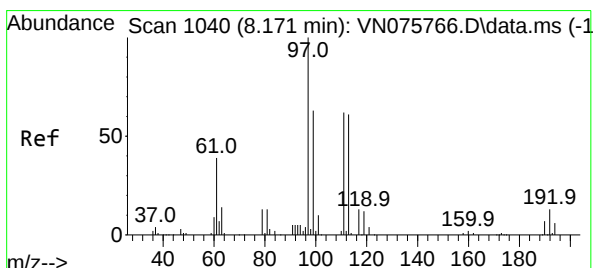
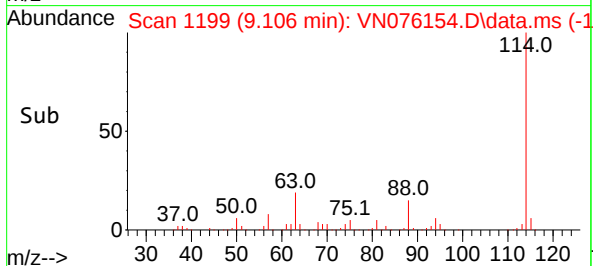
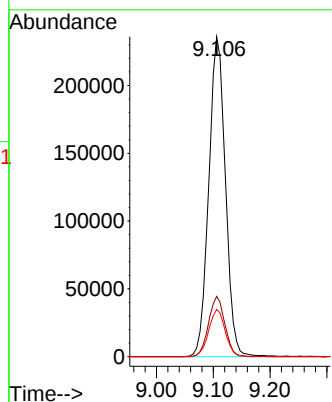
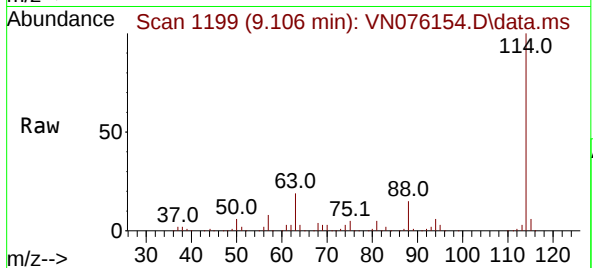
Tgt Ion:114 Resp: 478945

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.488 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076154.D

Acq: 09 Jan 2023 14:28

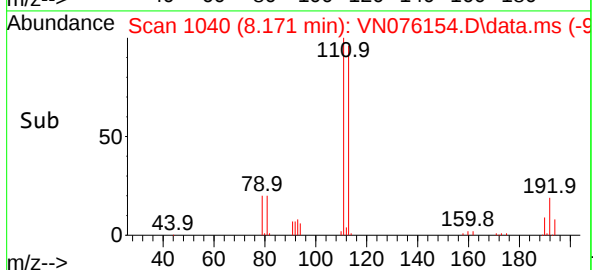
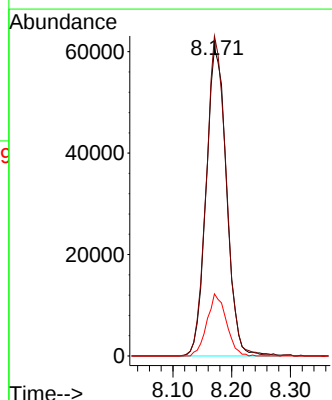
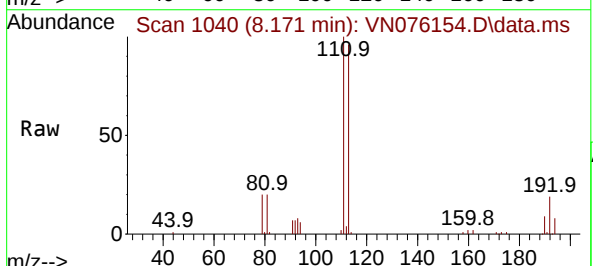
Tgt Ion:113 Resp: 146782

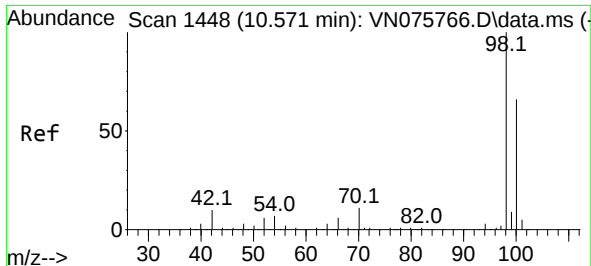
Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

192 19.1 16.1 24.1

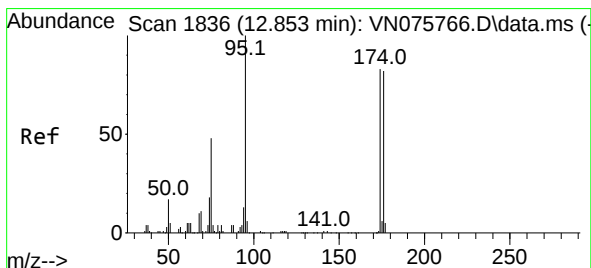
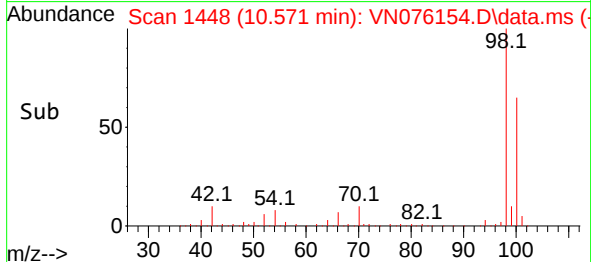
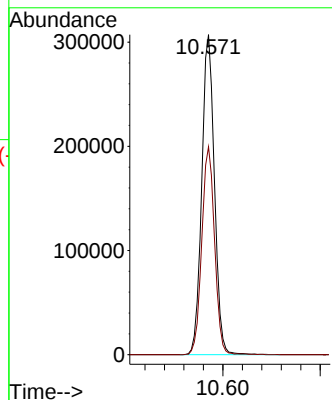
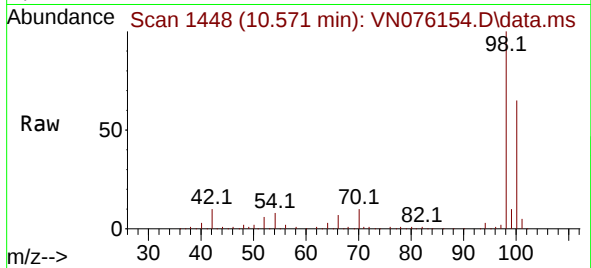




#50
Toluene-d8
Concen: 49.978 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

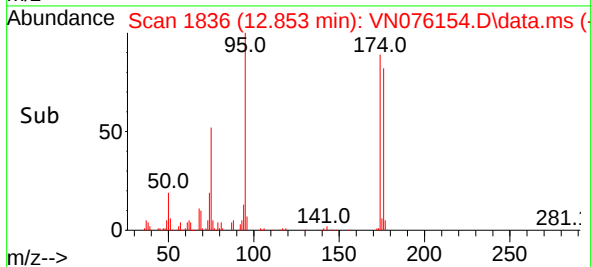
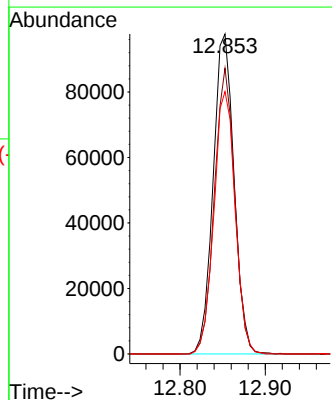
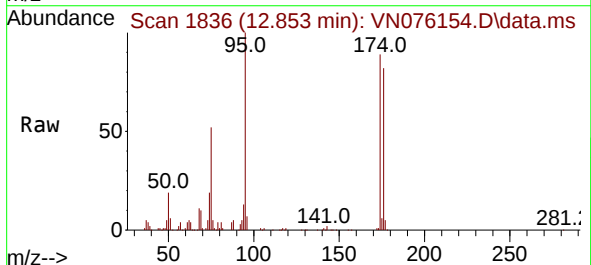
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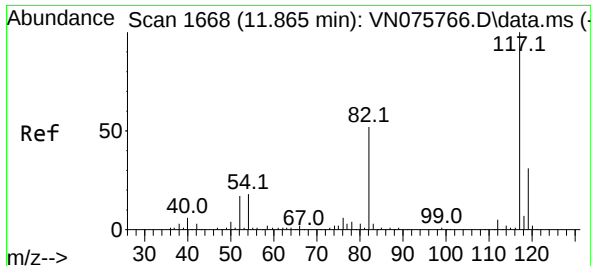
Tgt Ion: 98 Resp: 554236
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.337 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

Tgt Ion: 95 Resp: 166525
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 83.3 0.0 169.2

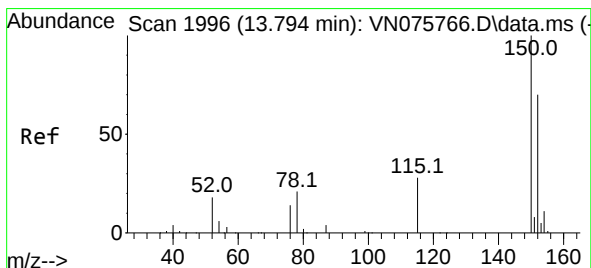
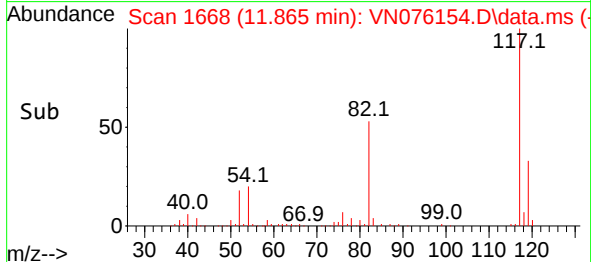
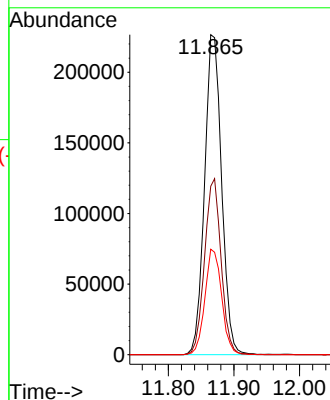
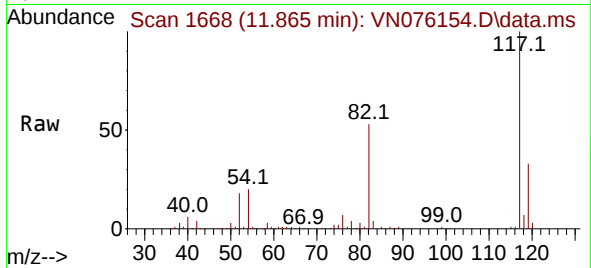




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 410638
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 32.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076154.D
Acq: 09 Jan 2023 14:28

Tgt Ion:152 Resp: 166109
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 157.9 0.0 347.0

