

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076437.D
 Acq On : 27 Jan 2023 14:11
 Operator : JC\MD
 Sample : 01332-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 27 22:37:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	395853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	645983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	555093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	237738	53.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.280%
35) Dibromofluoromethane	8.177	113	201794	49.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	10.571	98	743785	49.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.853	95	223071	45.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.580%

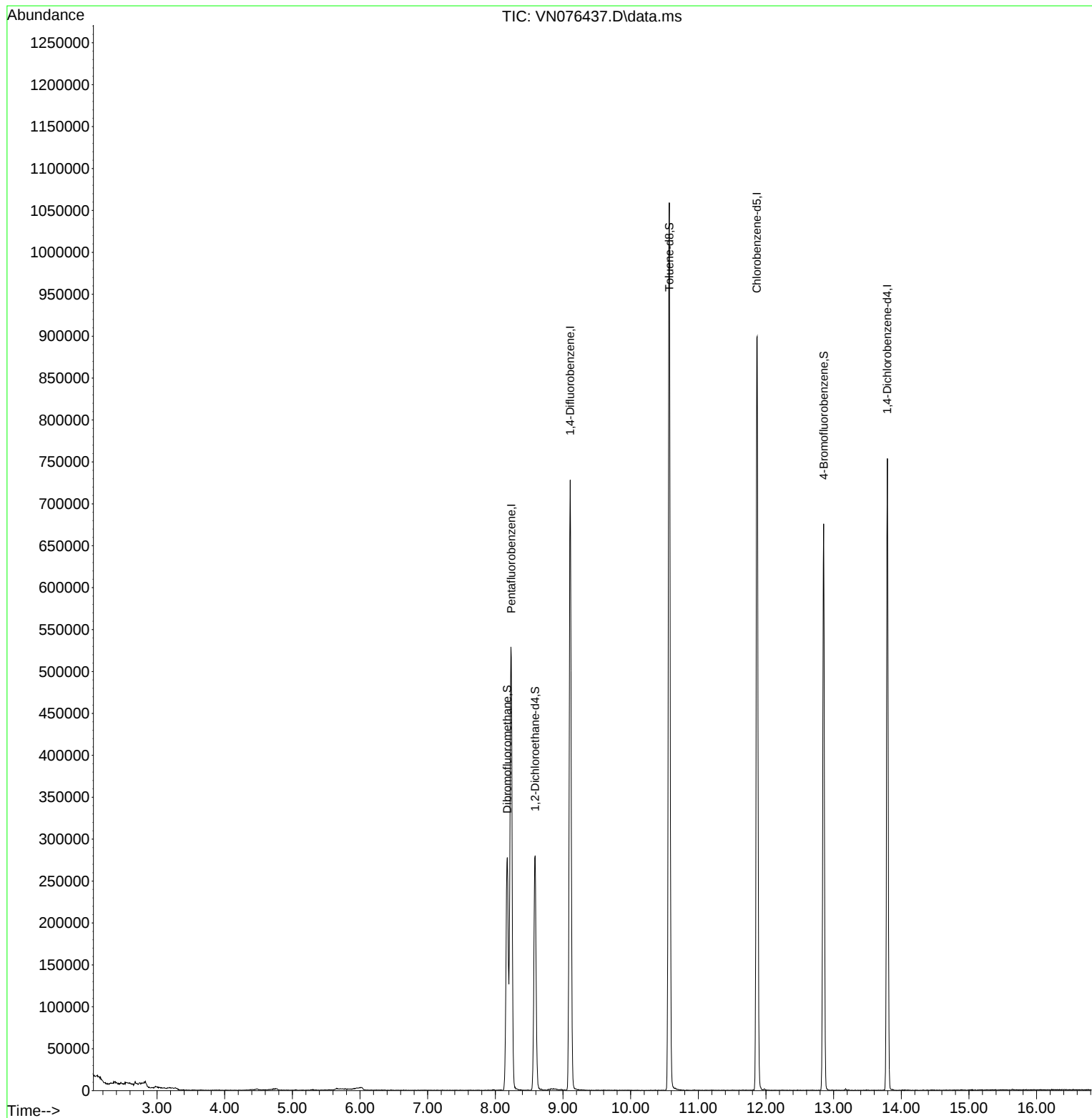
Target Compounds	Qvalue

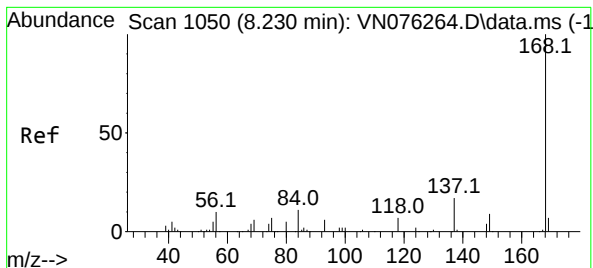
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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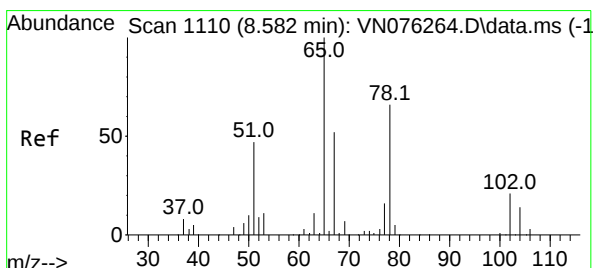
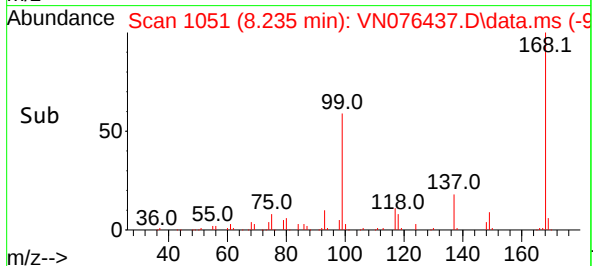
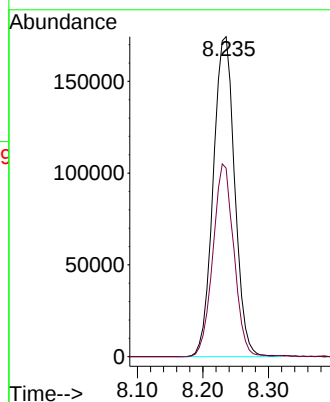
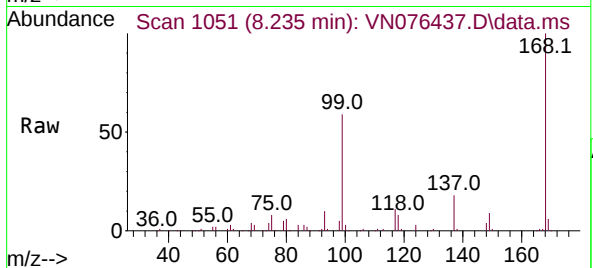




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

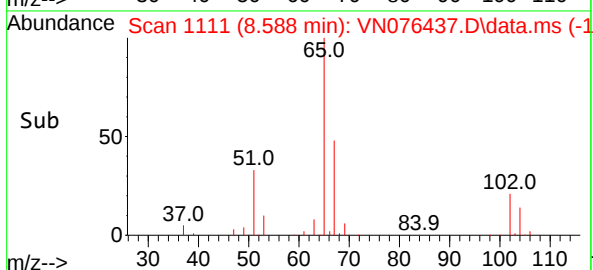
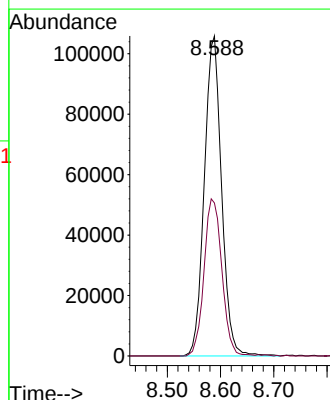
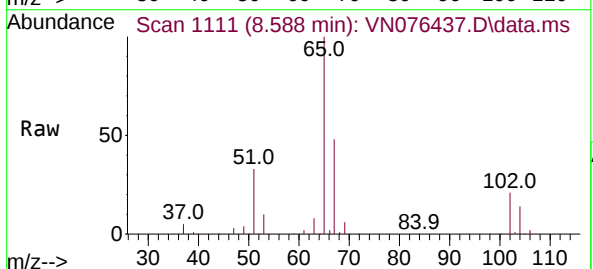
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

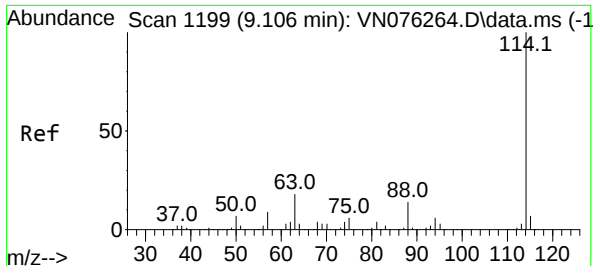
Tgt Ion:168 Resp: 395853
Ion Ratio Lower Upper
168 100
99 58.9 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 53.638 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

Tgt Ion: 65 Resp: 237738
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

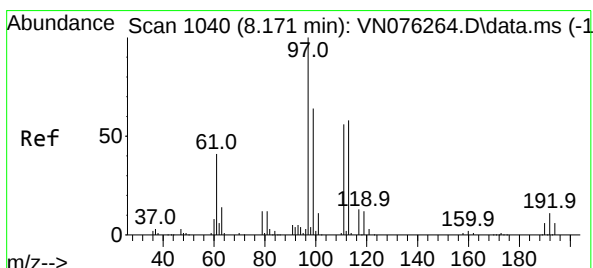
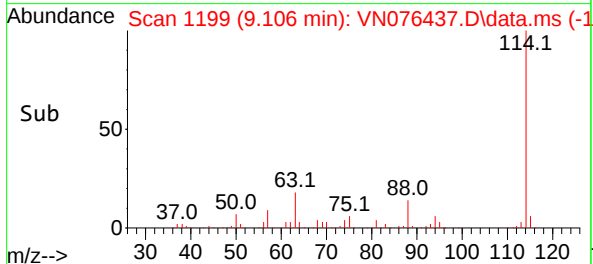
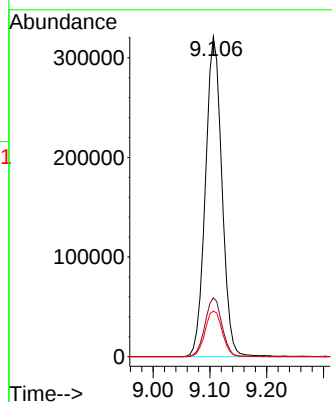
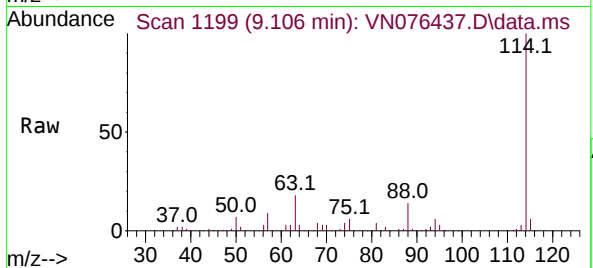
Tgt Ion:114 Resp: 645983

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.938 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076437.D

Acq: 27 Jan 2023 14:11

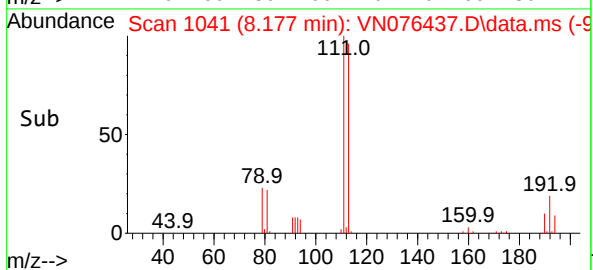
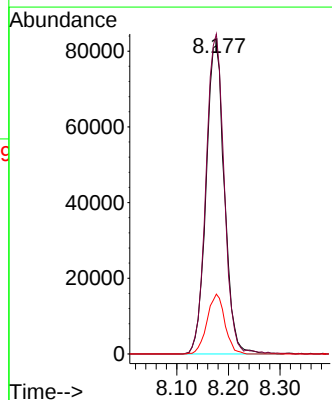
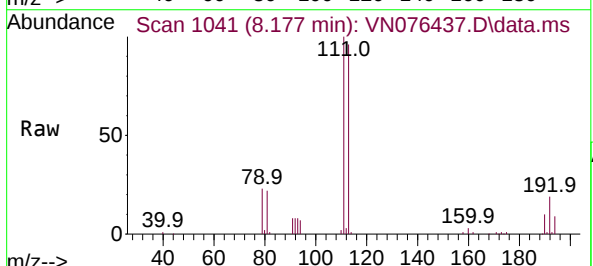
Tgt Ion:113 Resp: 201794

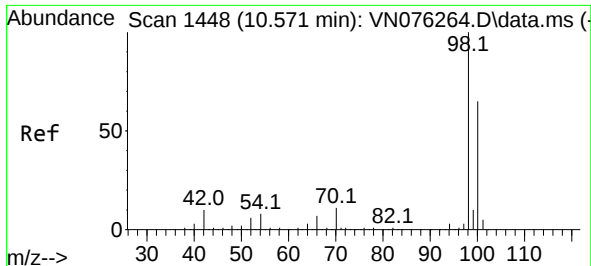
Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

192 18.7 15.6 23.4

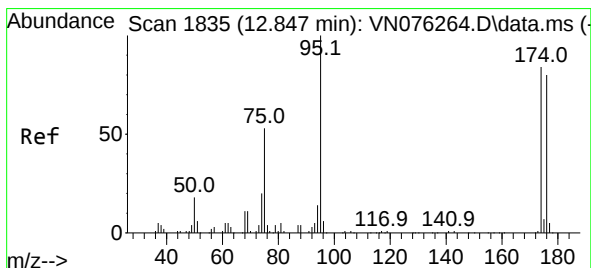
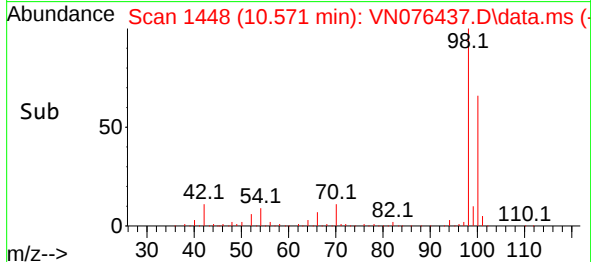
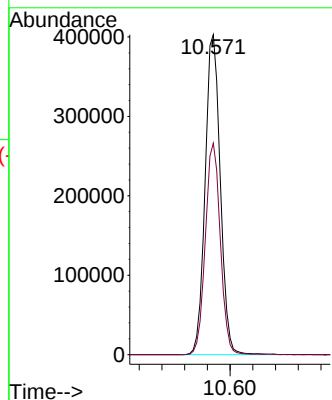
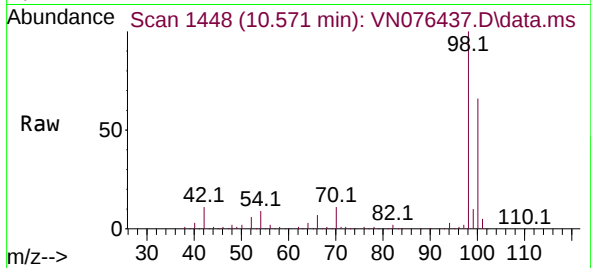




#50
Toluene-d8
Concen: 49.840 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

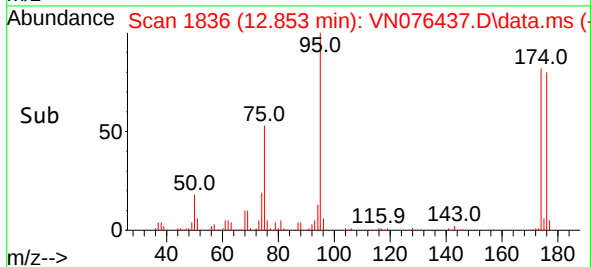
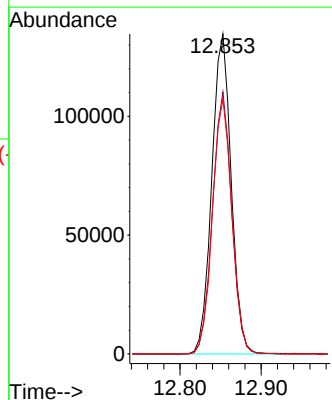
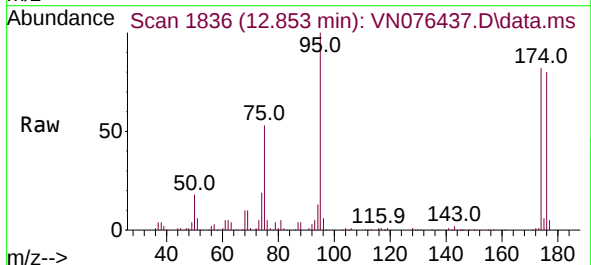
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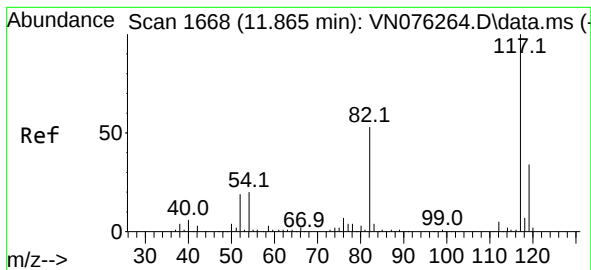
Tgt Ion: 98 Resp: 743785
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.788 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

Tgt Ion: 95 Resp: 223071
Ion Ratio Lower Upper
95 100
174 81.5 0.0 174.6
176 80.2 0.0 167.8

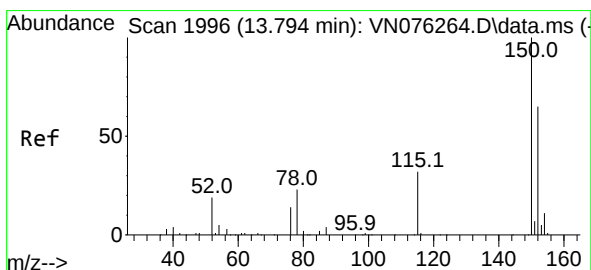
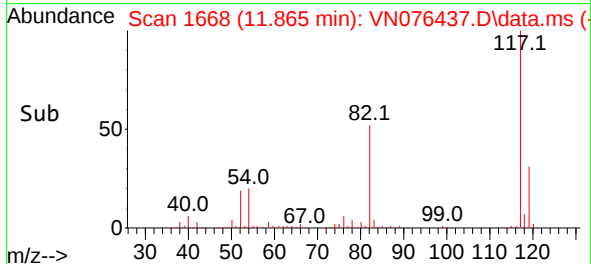
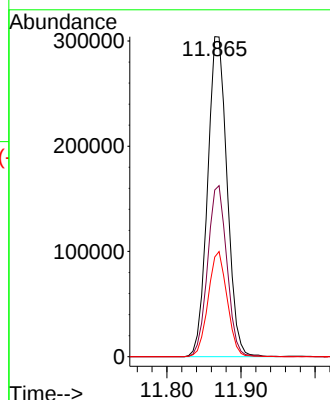
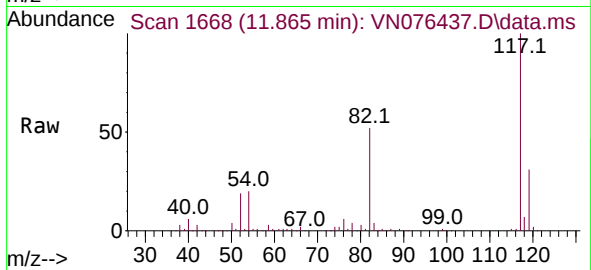




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

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

Tgt Ion:117 Resp: 555093
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 31.1 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076437.D
Acq: 27 Jan 2023 14:11

Tgt Ion:152 Resp: 204005
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.9
150 156.8 0.0 351.4

