

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075754.D
 Acq On : 13 Dec 2022 10:27
 Operator : JC\MD
 Sample : N5951-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 13 13:05:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	240315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	383955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124482	48.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.171	113	114493	48.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	10.571	98	436835	49.655	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.853	95	134398	44.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%

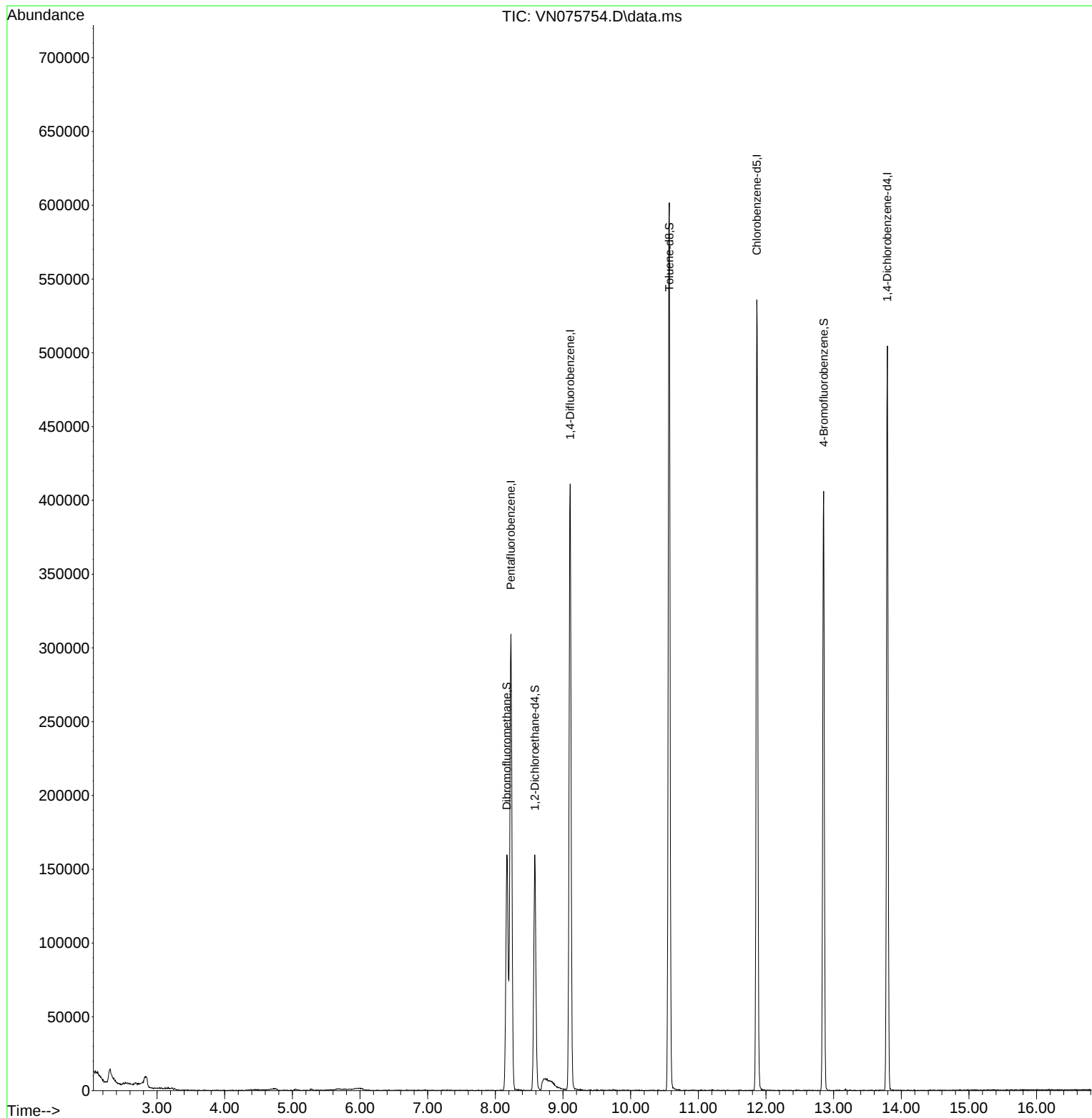
Target Compounds	Qvalue

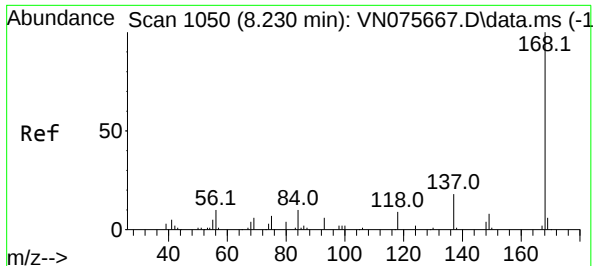
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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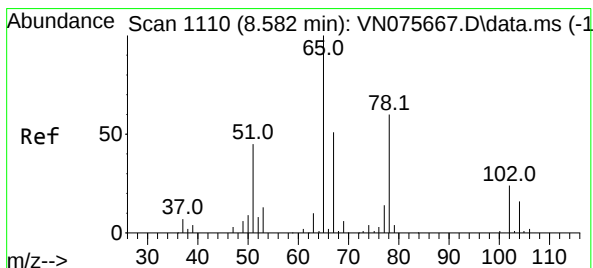
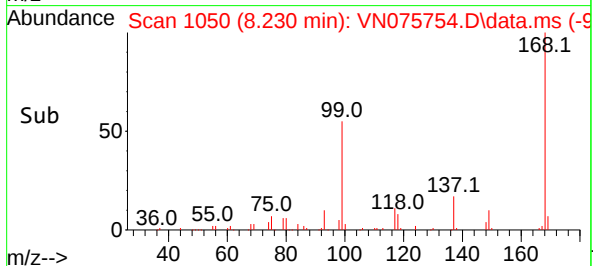
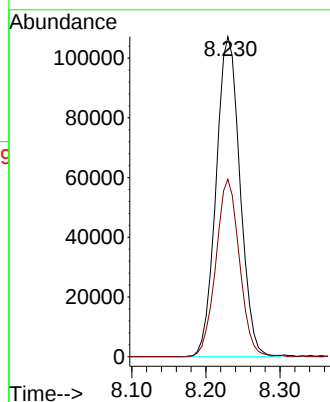
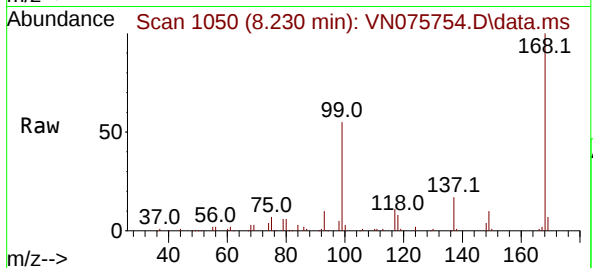




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

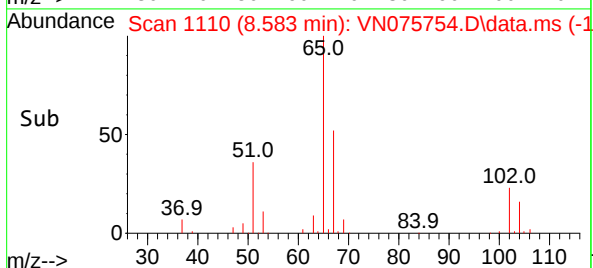
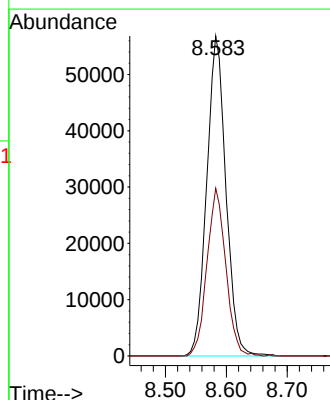
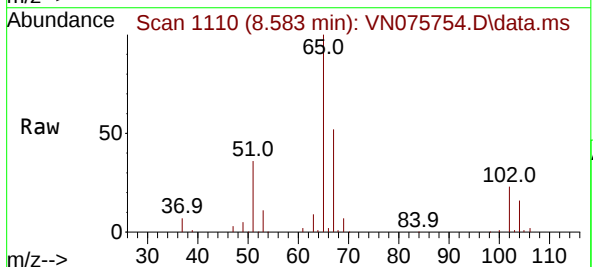
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

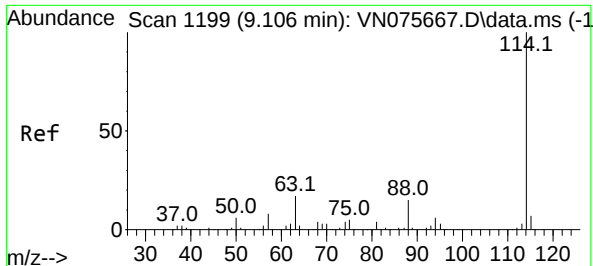
Tgt Ion:168 Resp: 240315
Ion Ratio Lower Upper
168 100
99 55.4 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 48.820 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion: 65 Resp: 124482
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075754.D

Acq: 13 Dec 2022 10:27

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

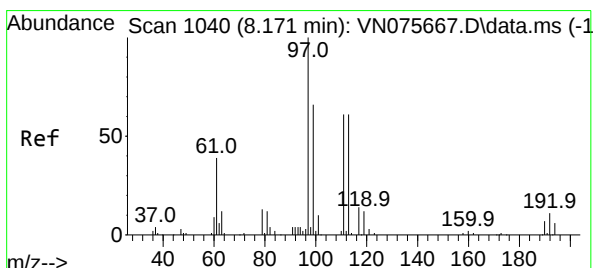
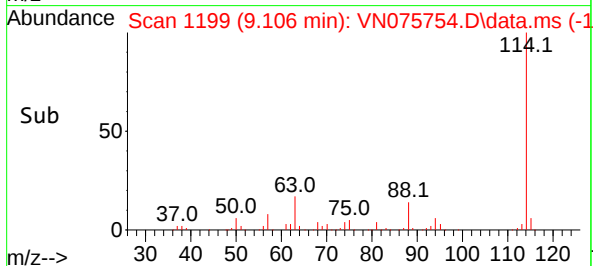
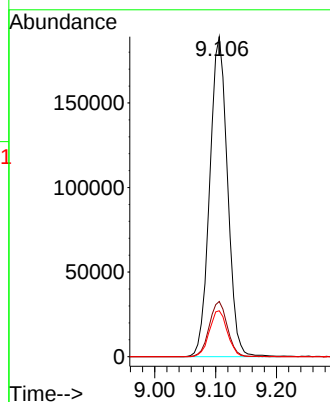
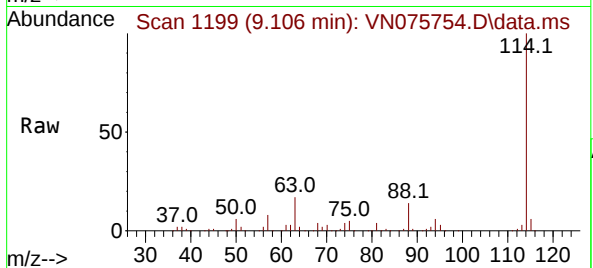
Tgt Ion:114 Resp: 383955

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 48.875 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075754.D

Acq: 13 Dec 2022 10:27

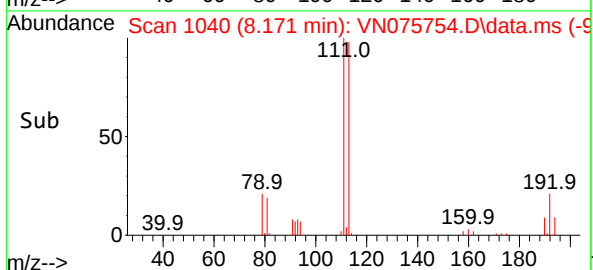
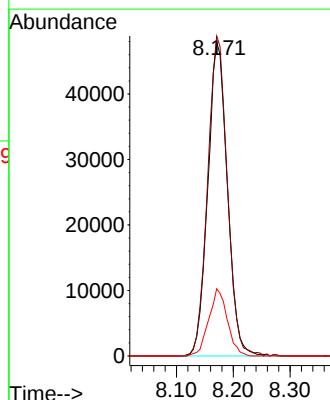
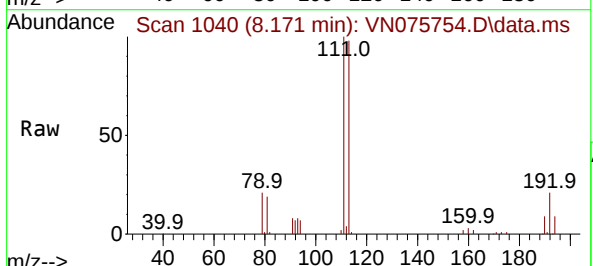
Tgt Ion:113 Resp: 114493

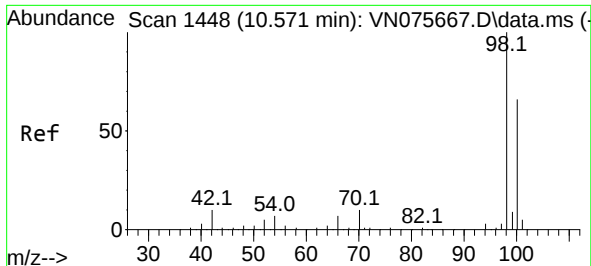
Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.6

192 20.3 16.2 24.2

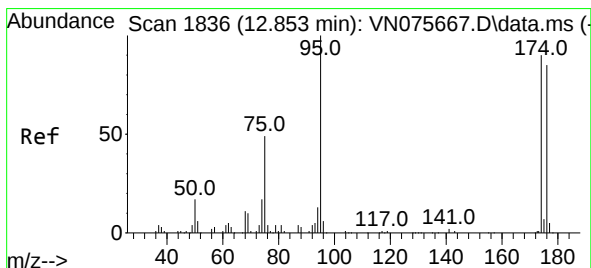
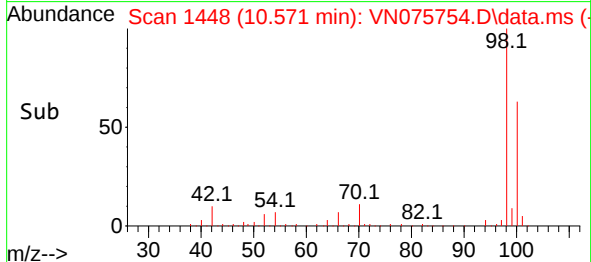
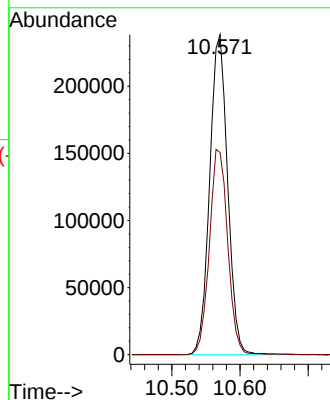
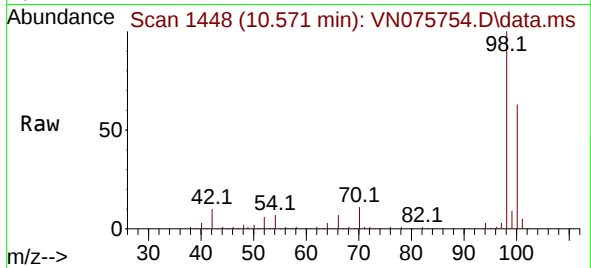




#50
Toluene-d8
Concen: 49.655 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

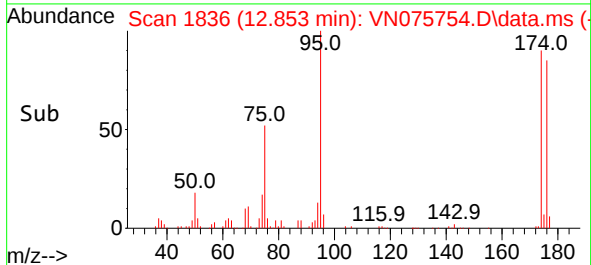
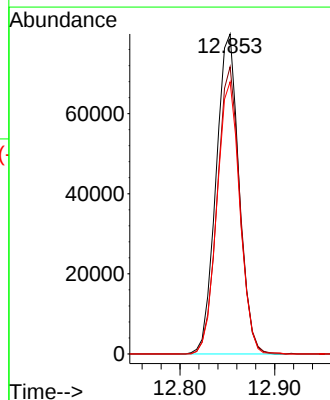
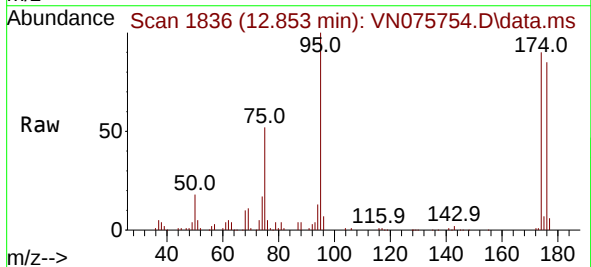
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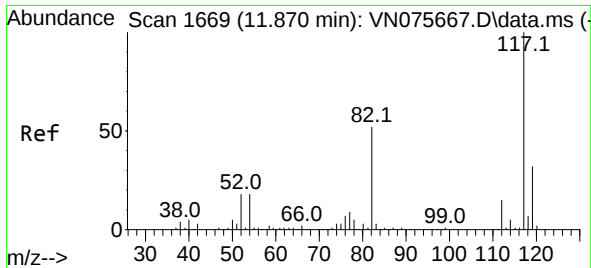
Tgt Ion: 98 Resp: 436835
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.682 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion: 95 Resp: 134398
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.6
176 84.9 0.0 170.8

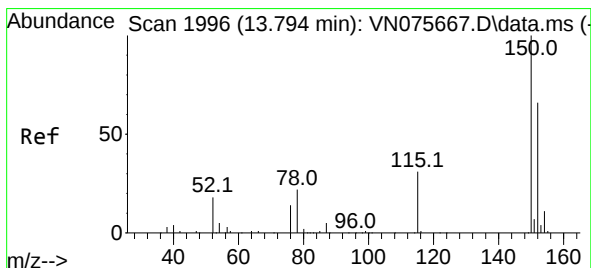
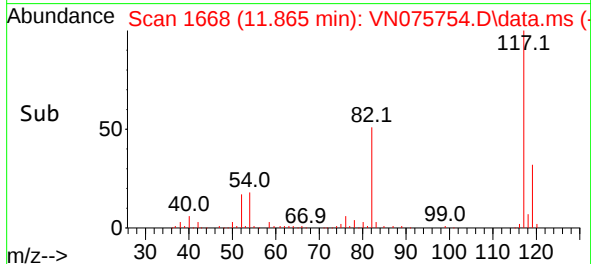
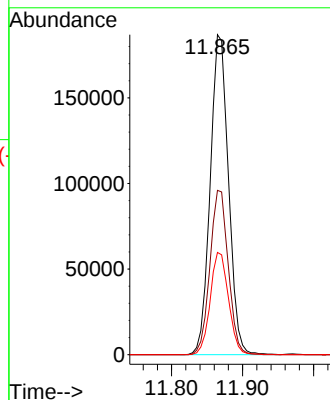
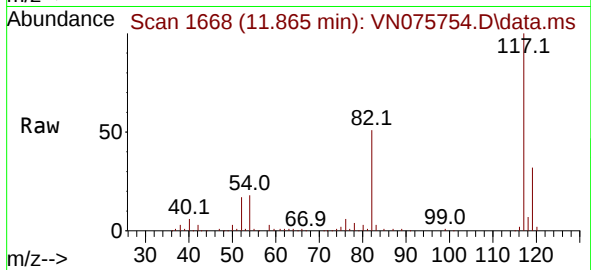




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 333520
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075754.D
Acq: 13 Dec 2022 10:27

Tgt Ion:152 Resp: 142575
Ion Ratio Lower Upper
152 100
115 58.6 28.4 85.2
150 158.4 0.0 347.6

