

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085659.D
 Acq On : 04 Feb 2025 18:14
 Operator : JC\MD
 Sample : Q1268-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Feb 05 01:09:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	194531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	369397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	143797	45.793	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.580%
35) Dibromofluoromethane	8.165	113	122181	47.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	10.565	98	435716	47.853	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.847	95	140430	45.087	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.180%

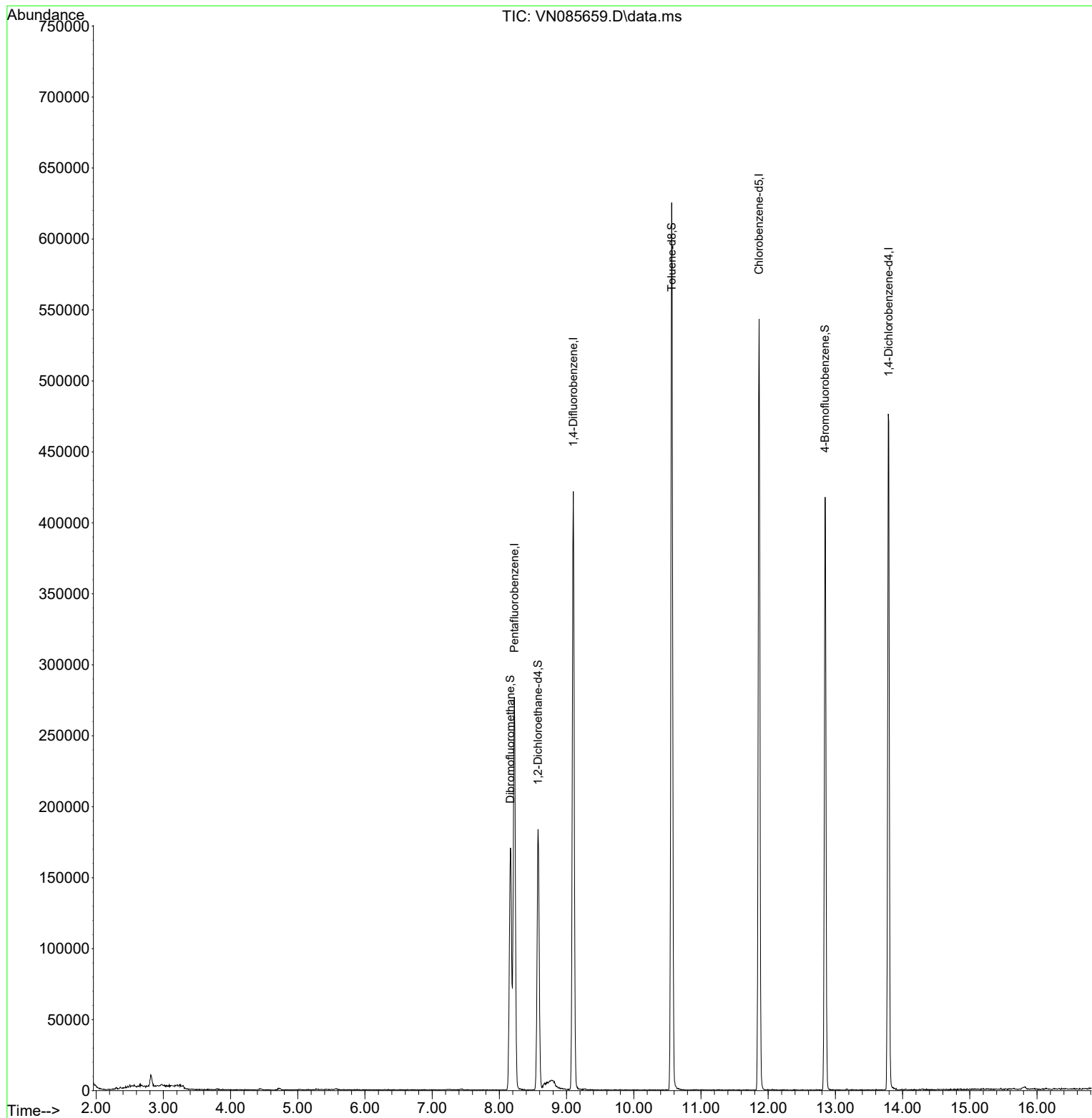
Target Compounds	Qvalue

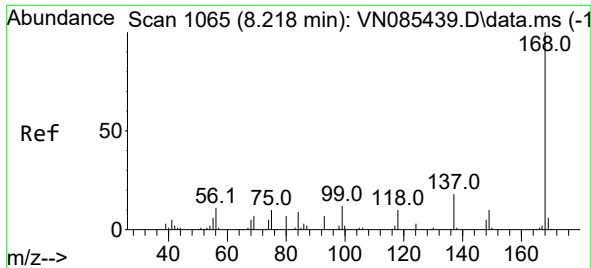
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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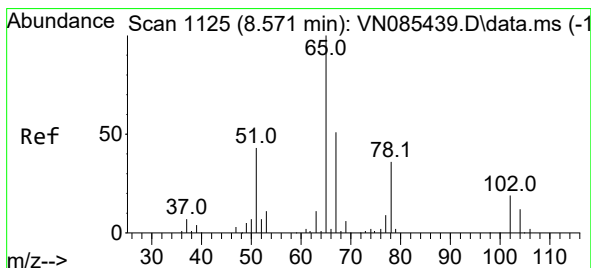
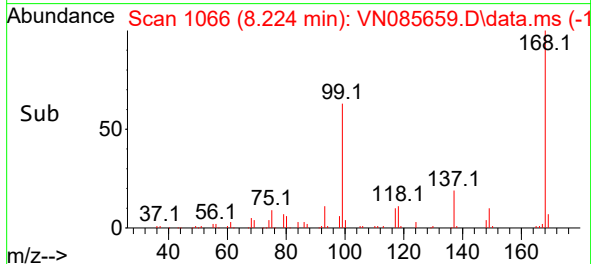
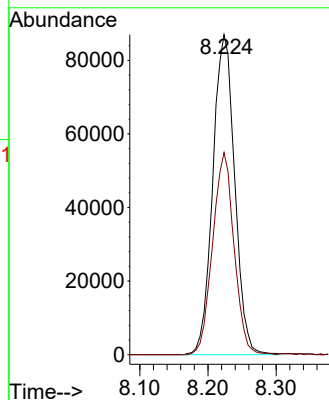
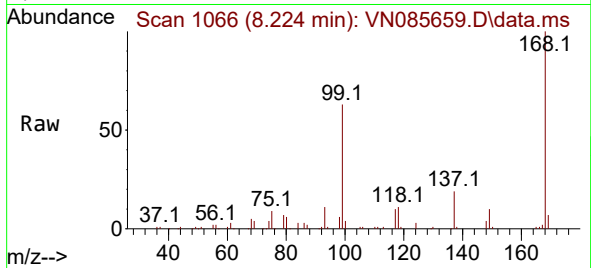




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

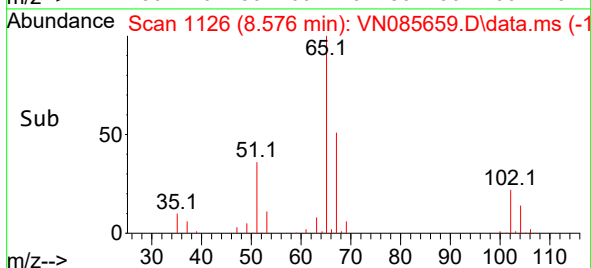
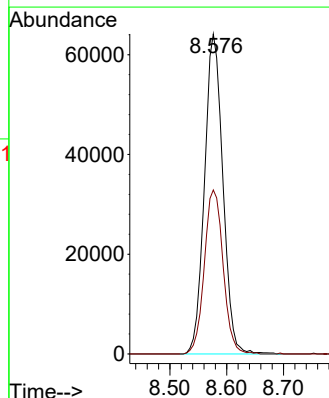
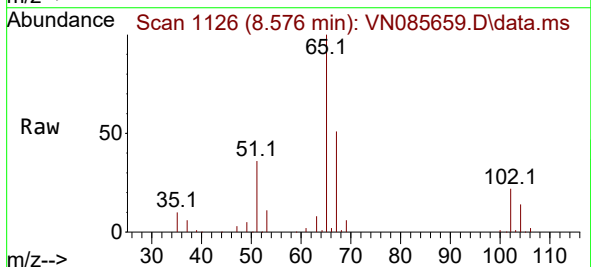
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

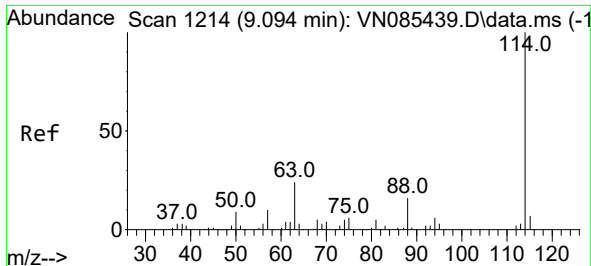
Tgt Ion:168 Resp: 194531
Ion Ratio Lower Upper
168 100
99 63.1 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 45.793 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Tgt Ion: 65 Resp: 143797
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085659.D

Acq: 04 Feb 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

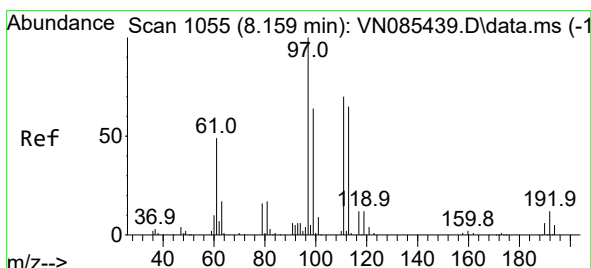
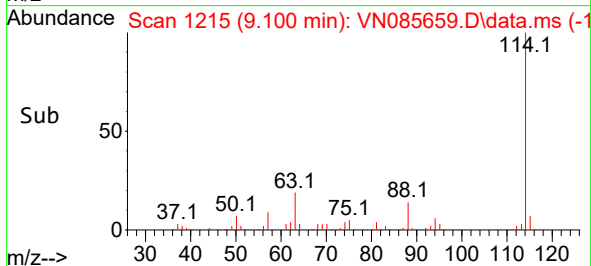
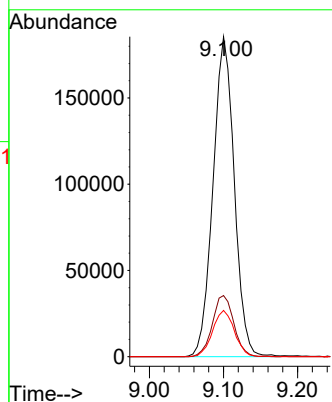
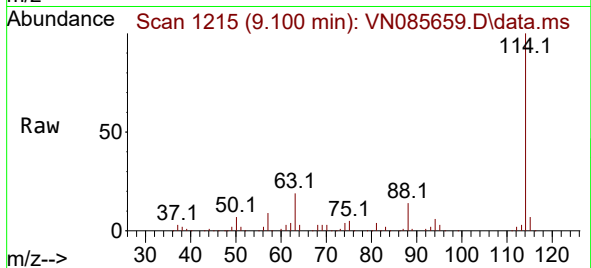
Tgt Ion:114 Resp: 369397

Ion Ratio Lower Upper

114 100

63 19.1 0.0 47.6

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.677 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085659.D

Acq: 04 Feb 2025 18:14

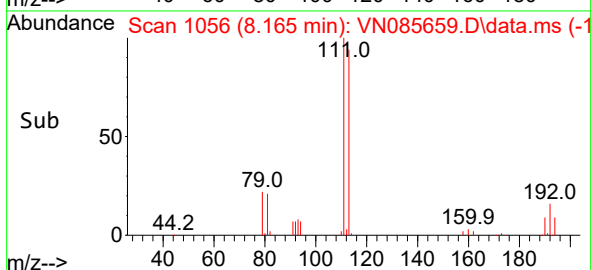
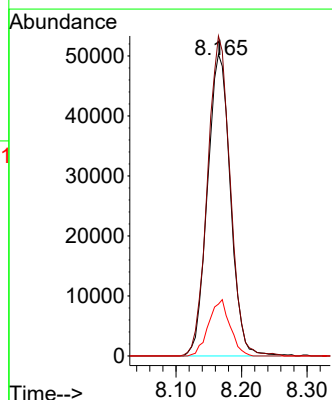
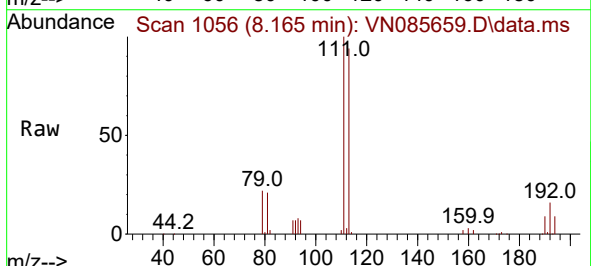
Tgt Ion:113 Resp: 122181

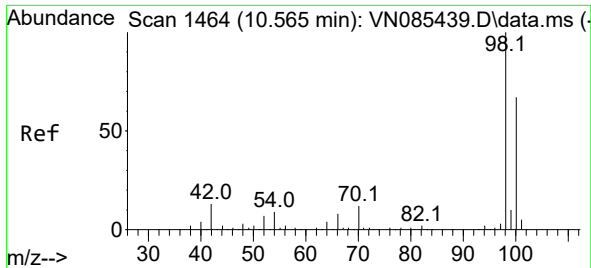
Ion Ratio Lower Upper

113 100

111 104.8 82.7 124.1

192 17.4 14.3 21.5

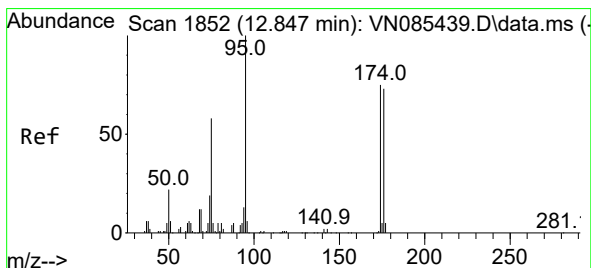
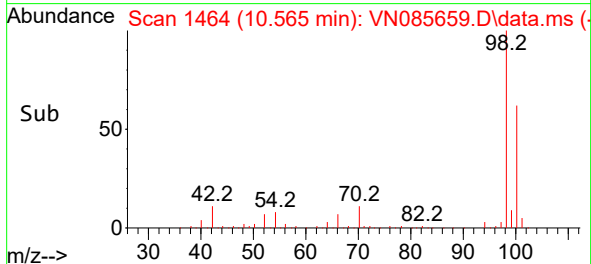
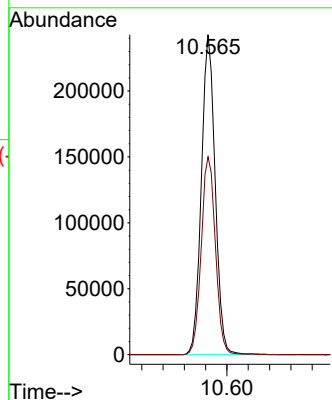
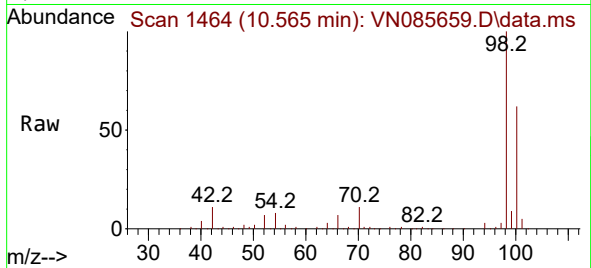




#50
Toluene-d8
Concen: 47.853 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

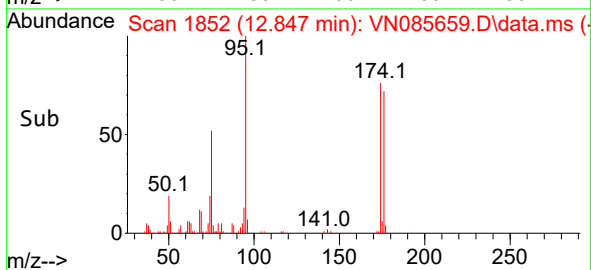
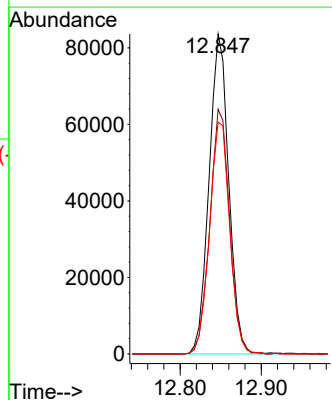
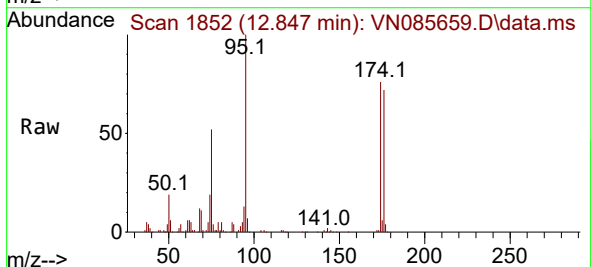
Instrument : MSVOA_N
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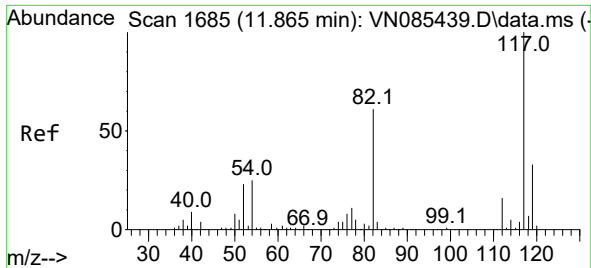
Tgt Ion: 98 Resp: 435716
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.087 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Tgt Ion: 95 Resp: 140430
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 74.3 0.0 142.4

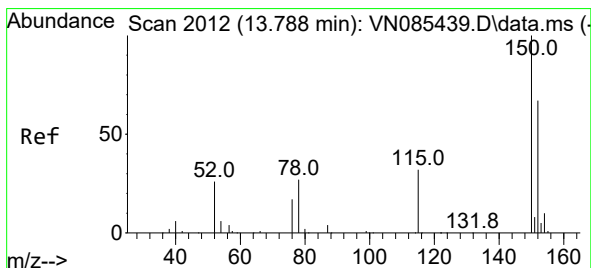
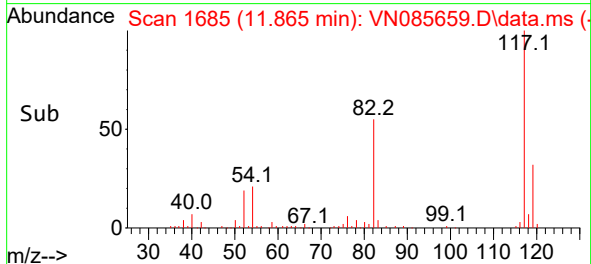
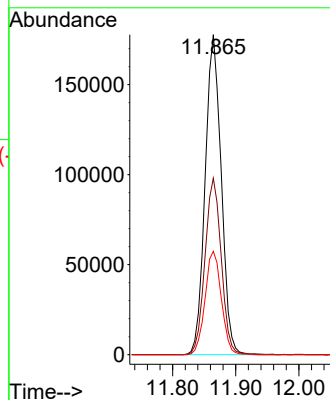
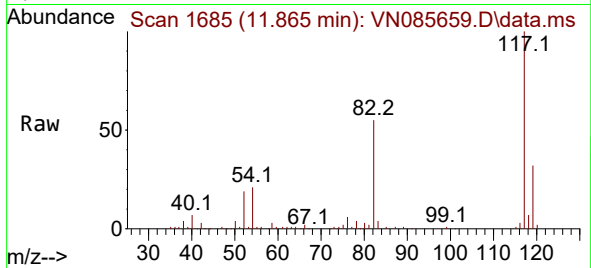




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:117 Resp: 314164
Ion Ratio Lower Upper
117 100
82 55.1 48.6 72.8
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085659.D
Acq: 04 Feb 2025 18:14

Tgt Ion:152 Resp: 129208
Ion Ratio Lower Upper
152 100
115 60.7 31.1 93.3
150 156.1 0.0 343.6

