

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085660.D
 Acq On : 04 Feb 2025 18:38
 Operator : JC\MD
 Sample : Q1268-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 05 01:09:55 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	198934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	378702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145000	45.154	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.300%
35) Dibromofluoromethane	8.165	113	124188	47.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	10.565	98	448666	48.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.847	95	143851	45.050	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.100%

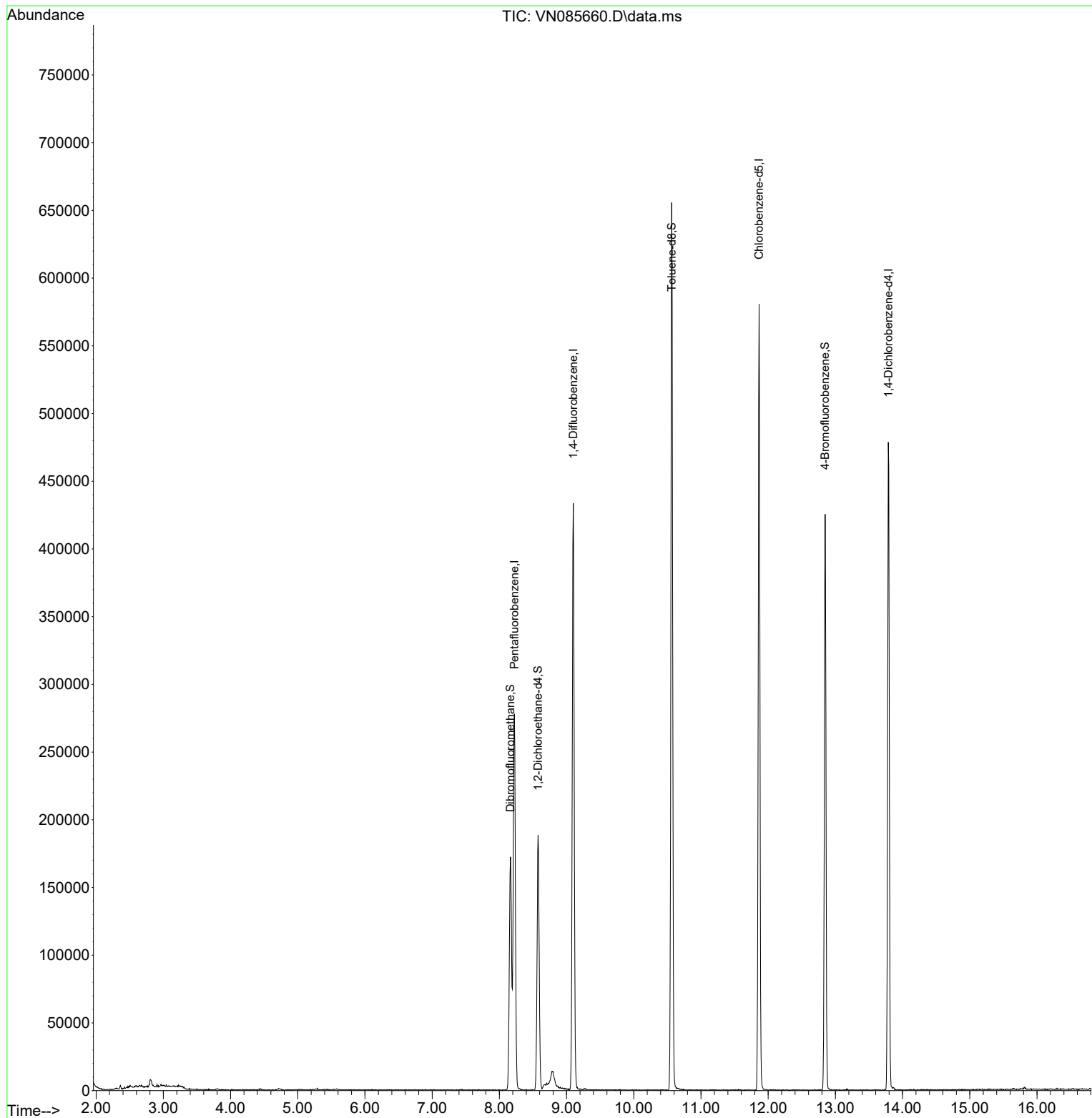
Target Compounds	Qvalue

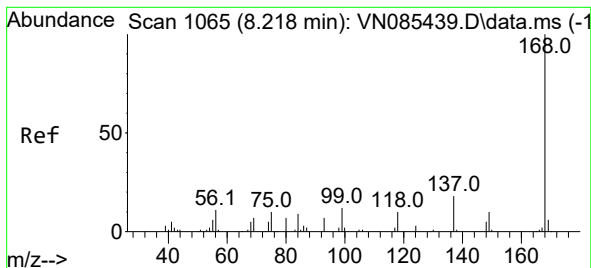
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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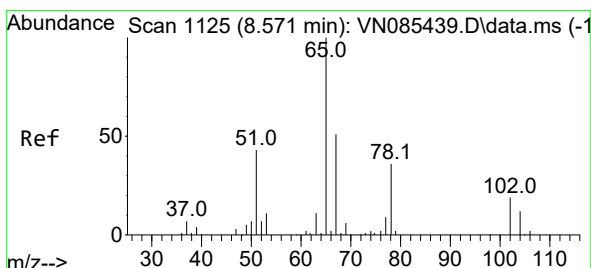
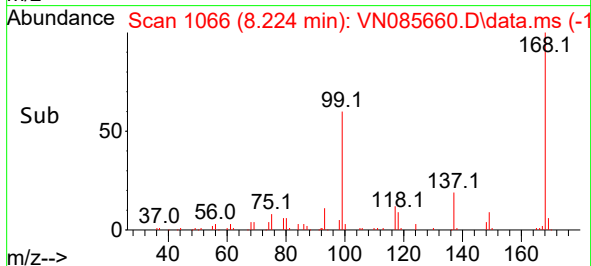
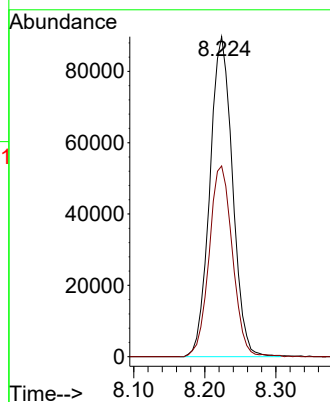
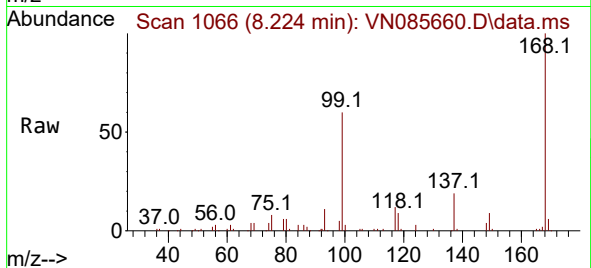




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

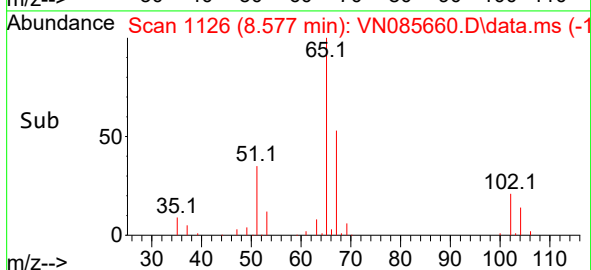
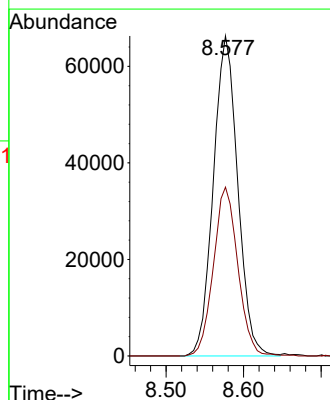
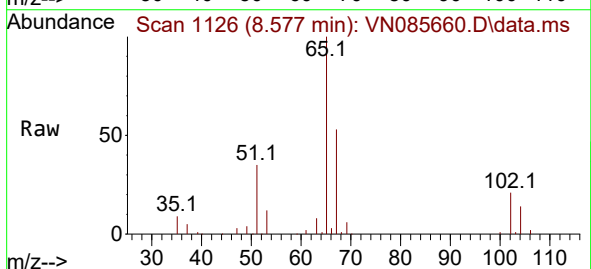
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

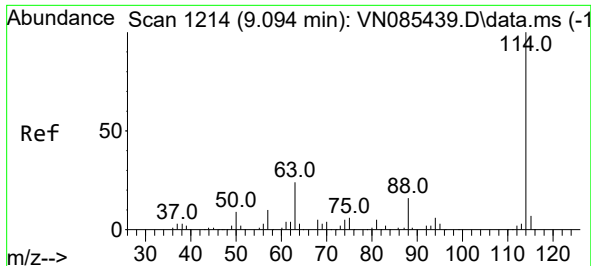
Tgt Ion:168 Resp: 198934
Ion Ratio Lower Upper
168 100
99 59.6 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 45.154 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion: 65 Resp: 145000
Ion Ratio Lower Upper
65 100
67 52.8 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: VN085660.D

Acq: 04 Feb 2025 18:38

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

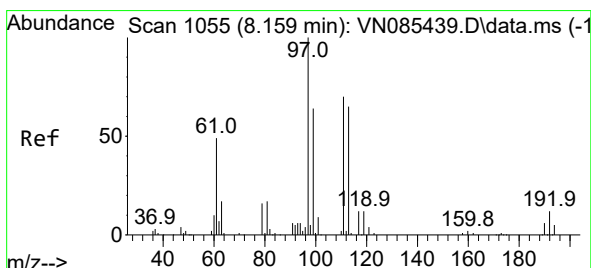
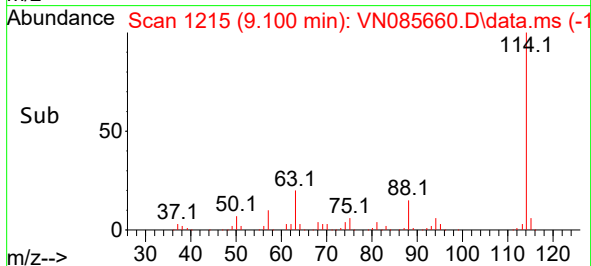
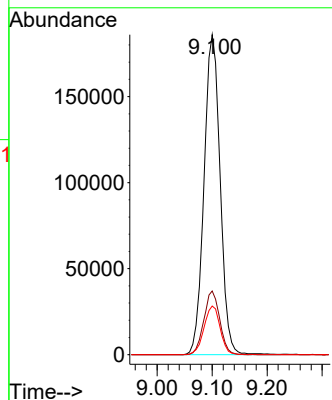
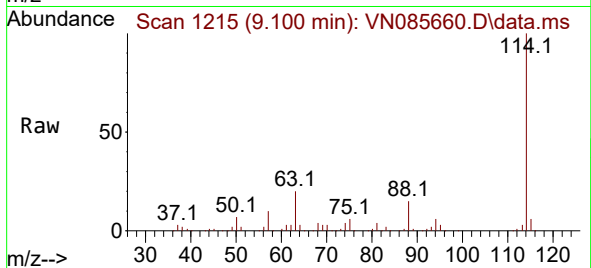
Tgt Ion:114 Resp: 378702

Ion Ratio Lower Upper

114 100

63 19.9 0.0 47.6

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.269 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085660.D

Acq: 04 Feb 2025 18:38

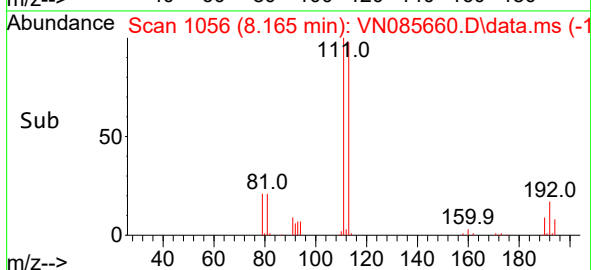
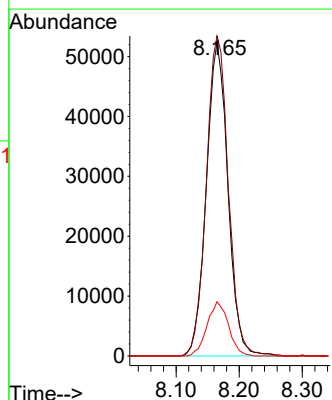
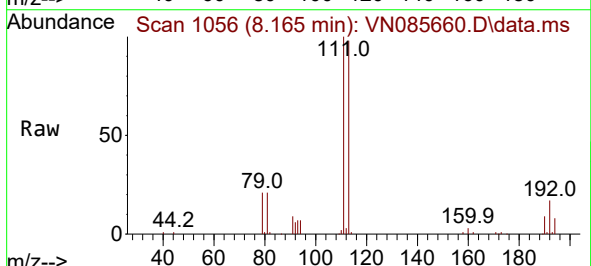
Tgt Ion:113 Resp: 124188

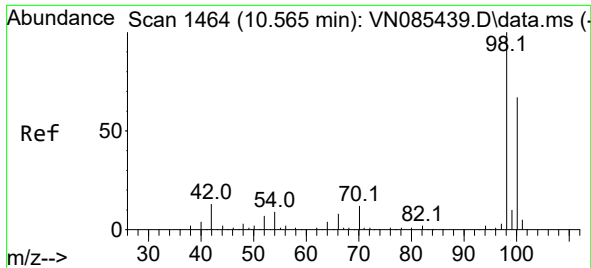
Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

192 17.2 14.3 21.5

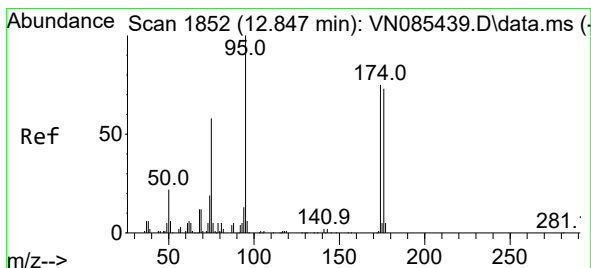
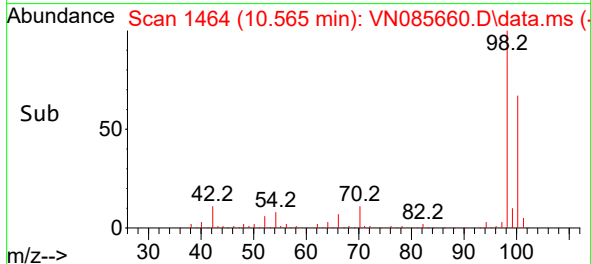
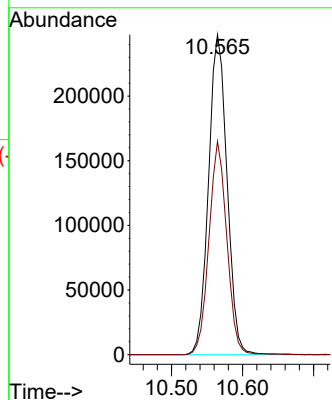
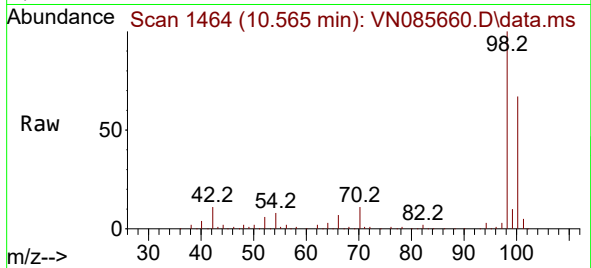




#50
Toluene-d8
Concen: 48.065 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

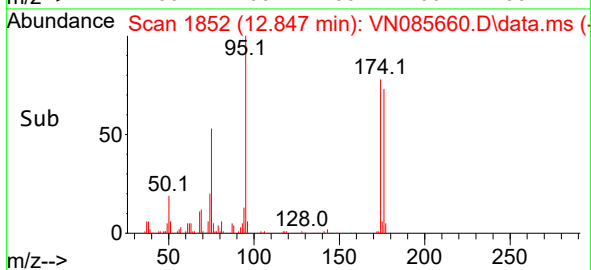
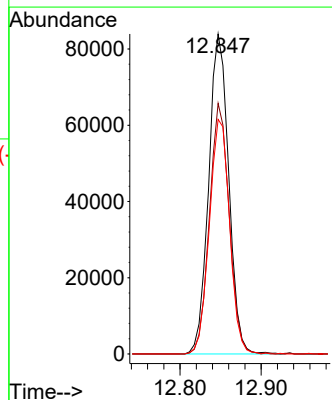
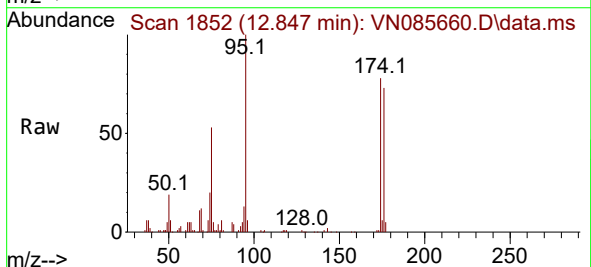
Instrument : MSVOA_N
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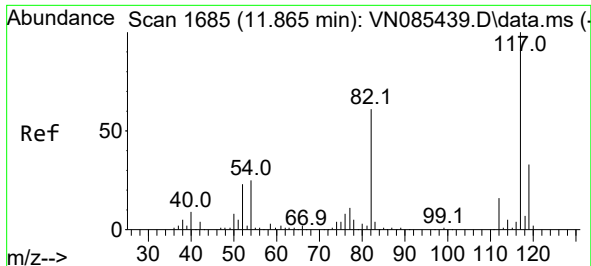
Tgt Ion: 98 Resp: 448666
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.050 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion: 95 Resp: 143851
Ion Ratio Lower Upper
95 100
174 77.5 0.0 145.0
176 74.2 0.0 142.4

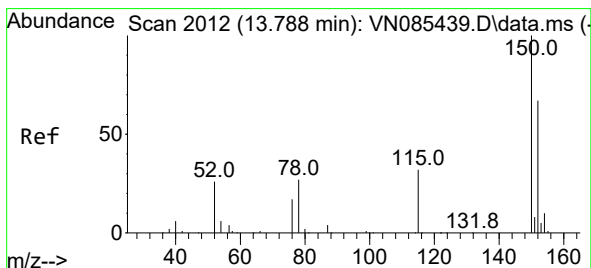
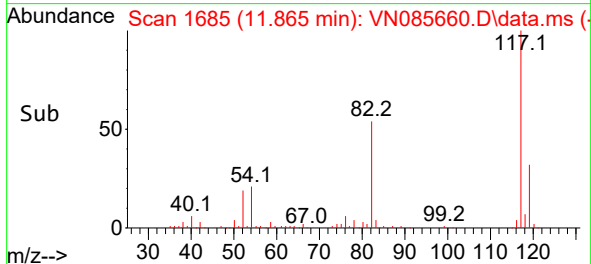
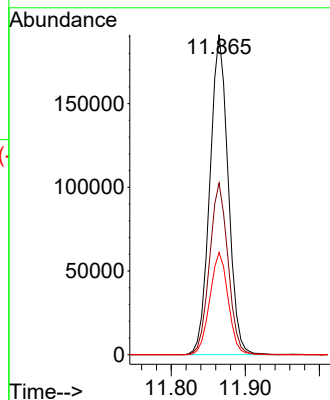
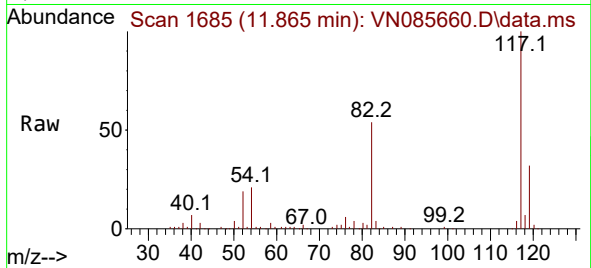




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 327453
Ion Ratio Lower Upper
117 100
82 53.7 48.6 72.8
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085660.D
Acq: 04 Feb 2025 18:38

Tgt Ion:152 Resp: 130812
Ion Ratio Lower Upper
152 100
115 61.7 31.1 93.3
150 157.2 0.0 343.6

