

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085720.D
 Acq On : 10 Feb 2025 13:12
 Operator : JC\MD
 Sample : VN0210WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBL01

Quant Time: Feb 11 03:20:28 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	252400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	469407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	394938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	194879	47.832	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.660%
35) Dibromofluoromethane	8.165	113	163357	50.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	10.565	98	559089	48.321	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.847	95	174849	44.177	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.360%

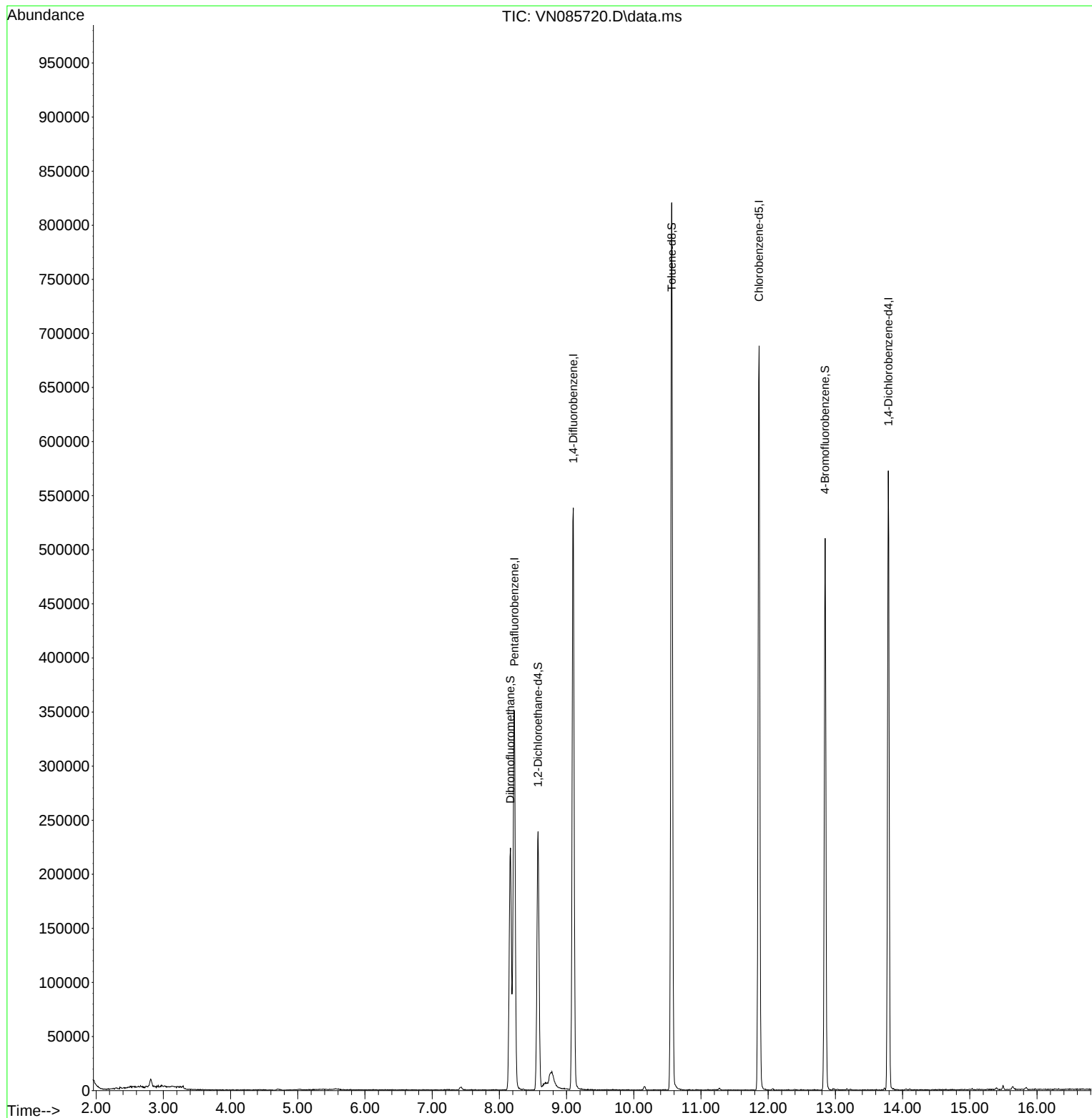
Target Compounds	Qvalue

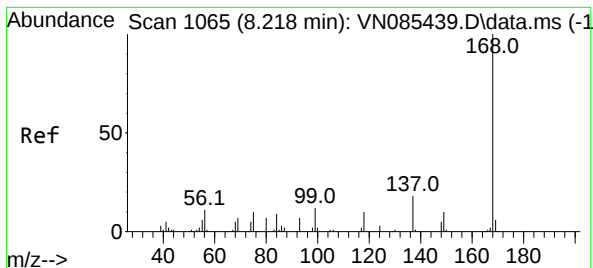
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN085720.D

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Instrument :

MSVOA_N

ClientSampleId :

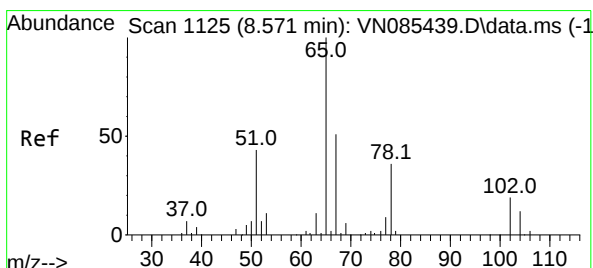
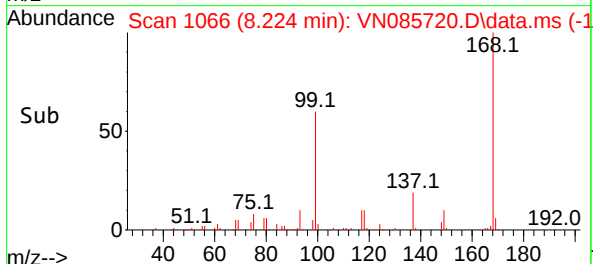
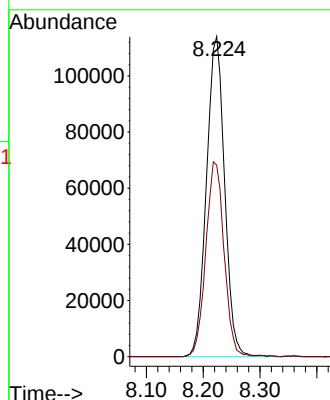
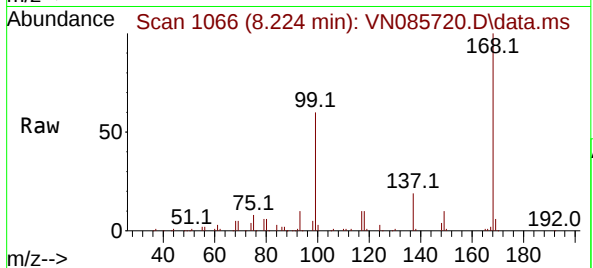
VN0210WBL01

Tgt Ion:168 Resp: 252400

Ion Ratio Lower Upper

168 100

99 59.9 53.6 80.4



#33

1,2-Dichloroethane-d4

Concen: 47.832 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085720.D

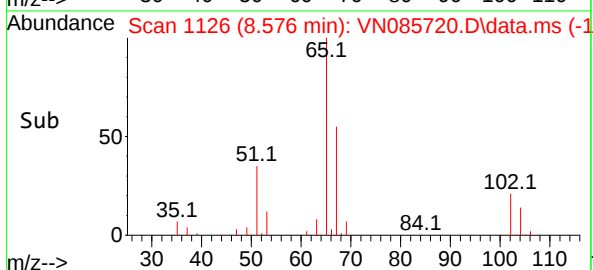
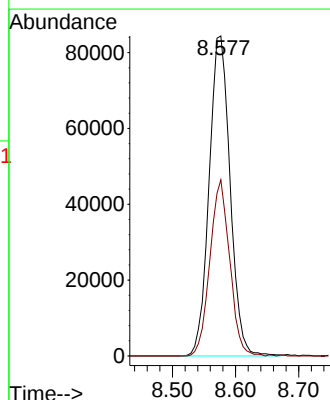
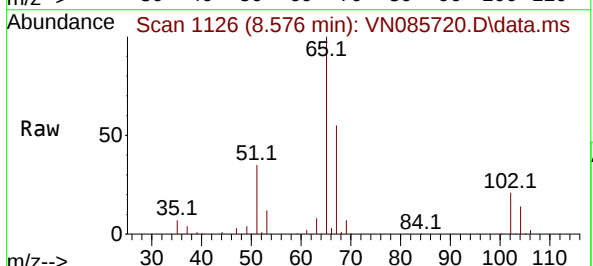
Acq: 10 Feb 2025 13:12

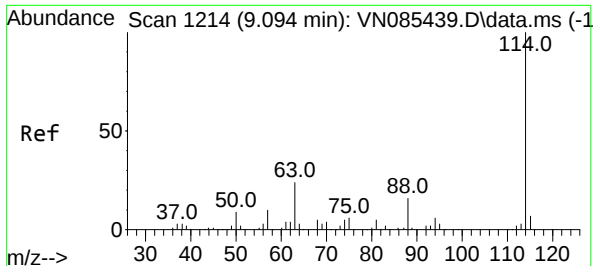
Tgt Ion: 65 Resp: 194879

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN085720.D

Acq: 10 Feb 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBL01

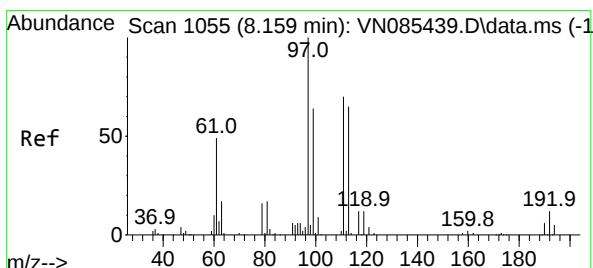
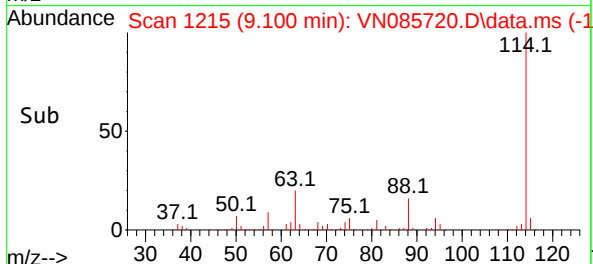
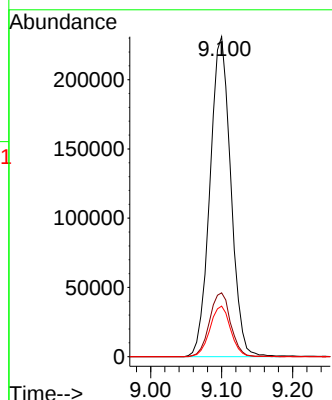
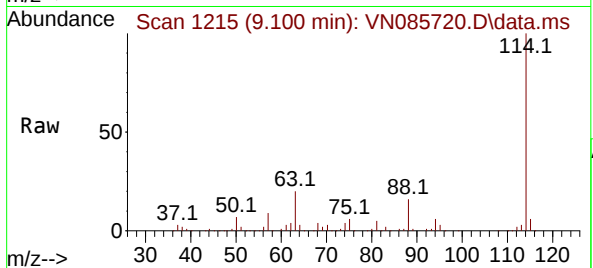
Tgt Ion:114 Resp: 469407

Ion Ratio Lower Upper

114 100

63 19.9 0.0 47.6

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.163 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085720.D

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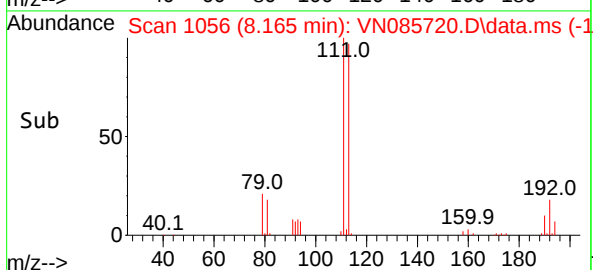
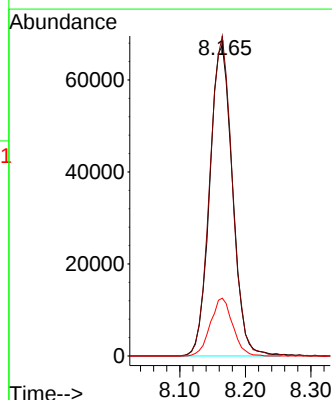
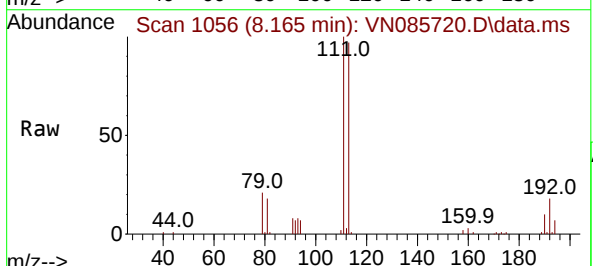
Tgt Ion:113 Resp: 163357

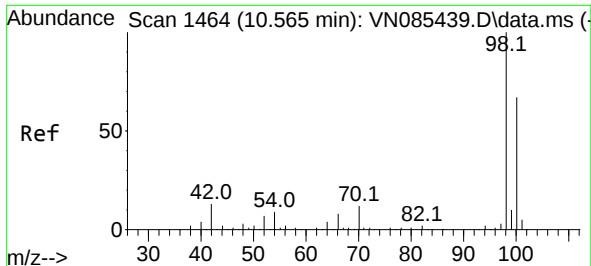
Ion Ratio Lower Upper

113 100

111 101.5 82.7 124.1

192 18.1 14.3 21.5

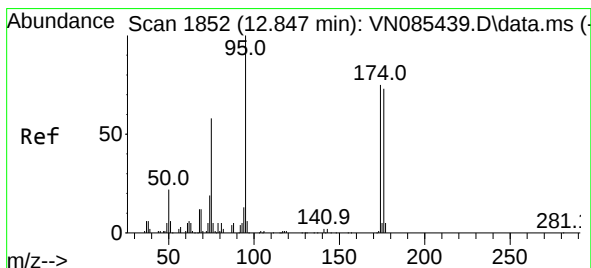
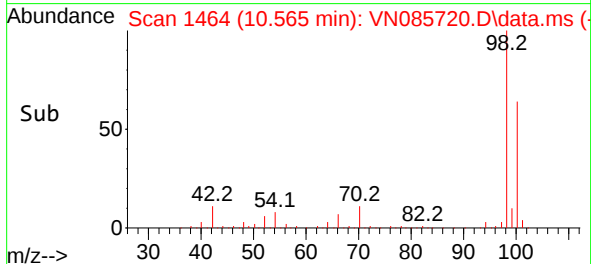
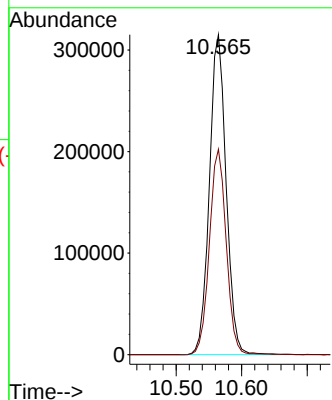
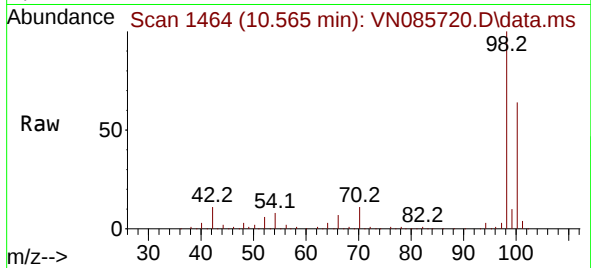




#50
Toluene-d8
Concen: 48.321 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

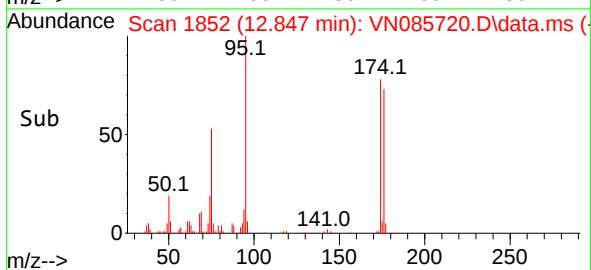
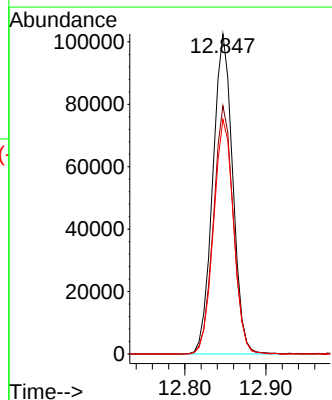
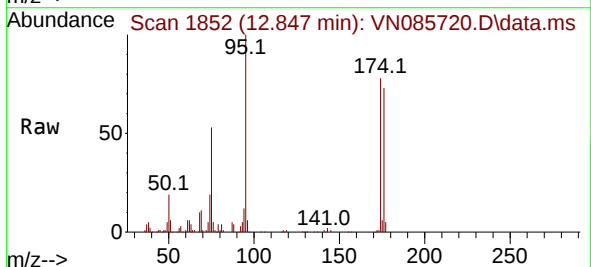
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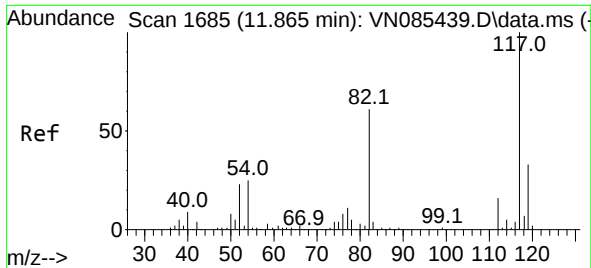
Tgt Ion: 98 Resp: 559089
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.177 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion: 95 Resp: 174849
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.0
176 73.9 0.0 142.4

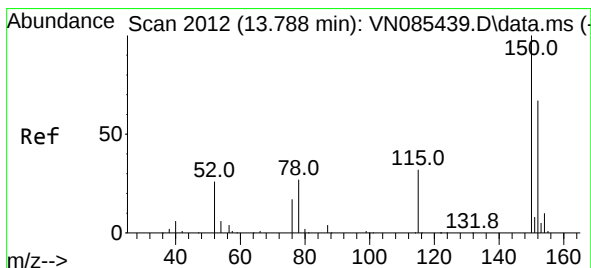
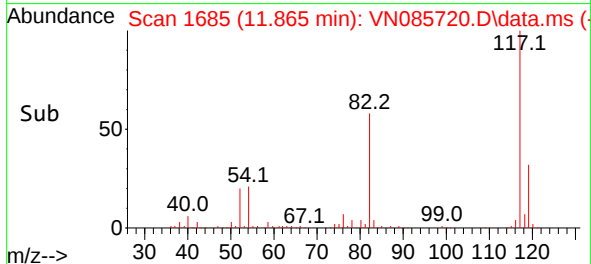
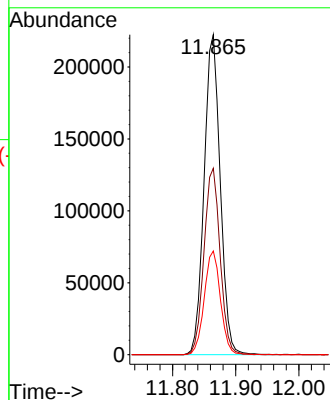
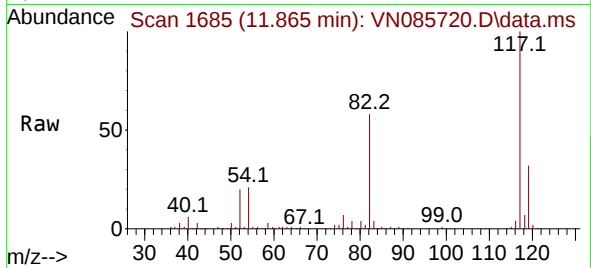




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Tgt Ion:117 Resp: 394938
Ion Ratio Lower Upper
117 100
82 58.2 48.6 72.8
119 32.4 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: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion:152 Resp: 156176
Ion Ratio Lower Upper
152 100
115 61.1 31.1 93.3
150 157.8 0.0 343.6

