

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086487.D
 Acq On : 05 May 2025 15:36
 Operator : JC\MD
 Sample : Q1942-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 06 01:45:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104841	48.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.300%
35) Dibromofluoromethane	8.165	113	78097	60.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	120.800%
50) Toluene-d8	10.565	98	362387	52.440	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.847	95	128966	51.165	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.340%

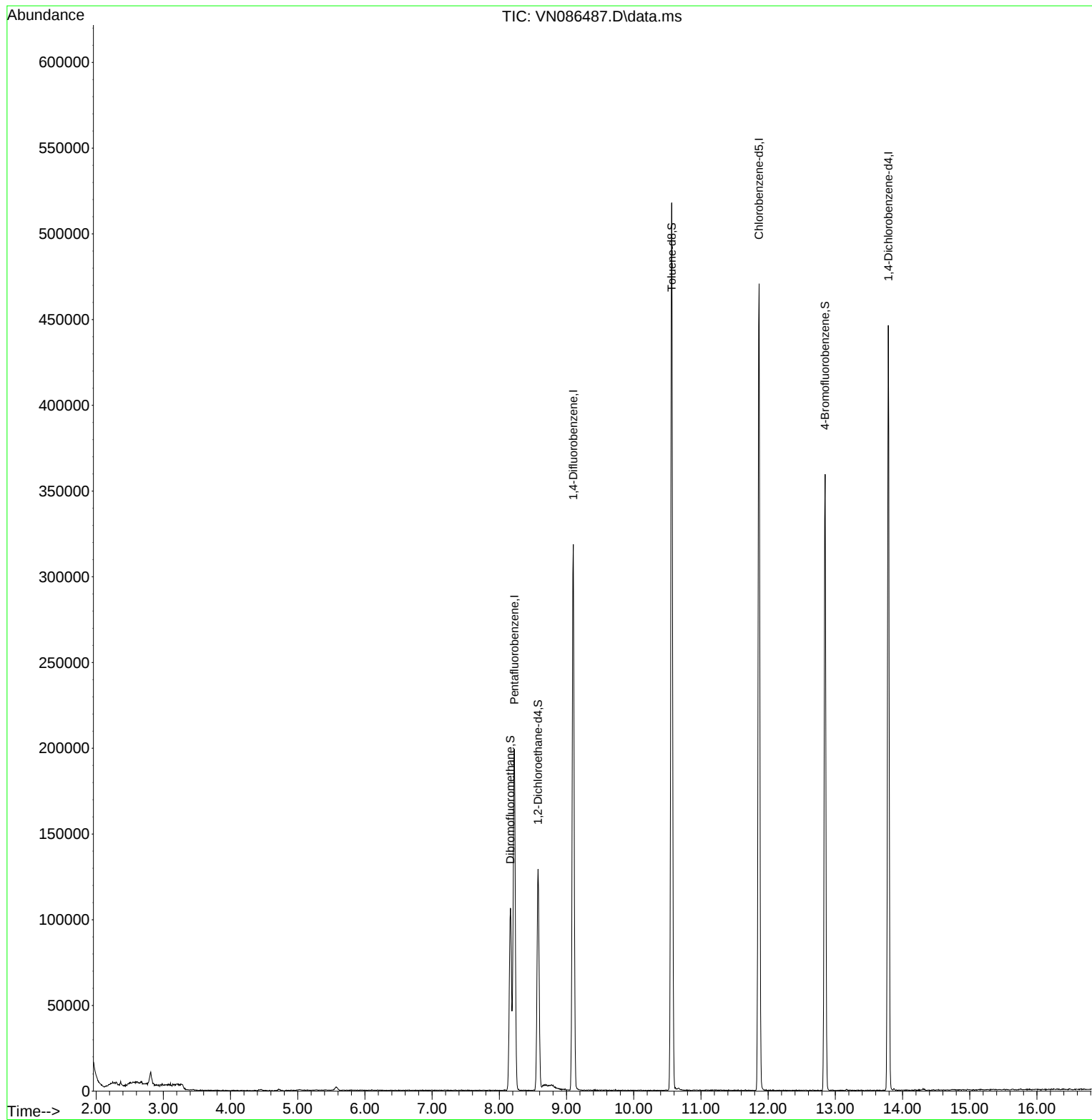
Target Compounds	Qvalue

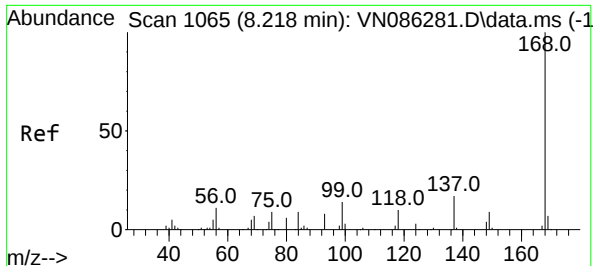
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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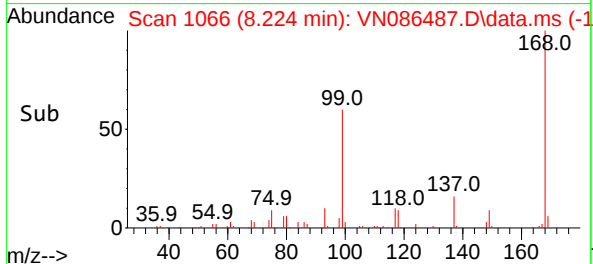
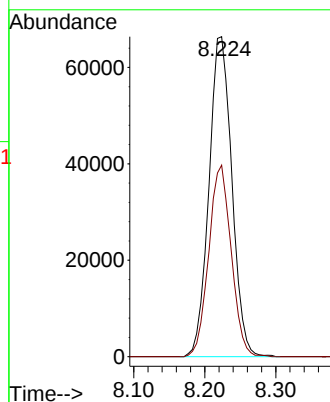
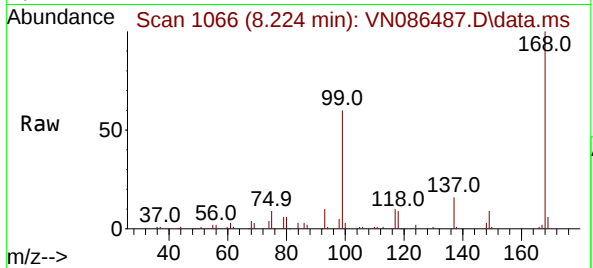




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

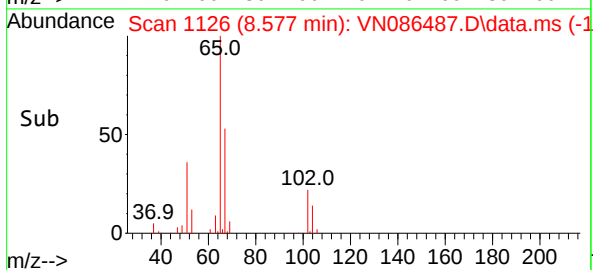
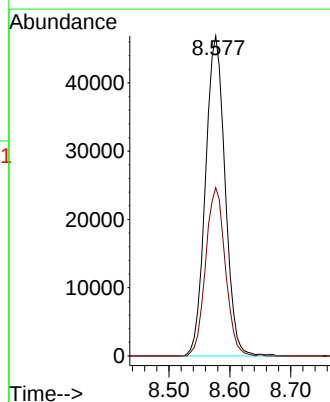
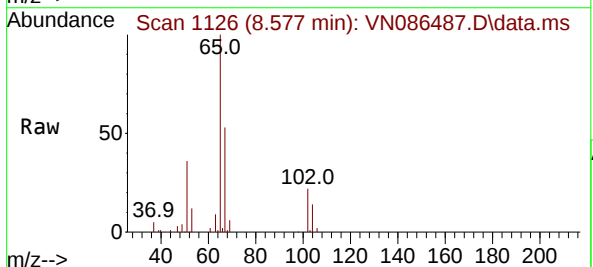
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

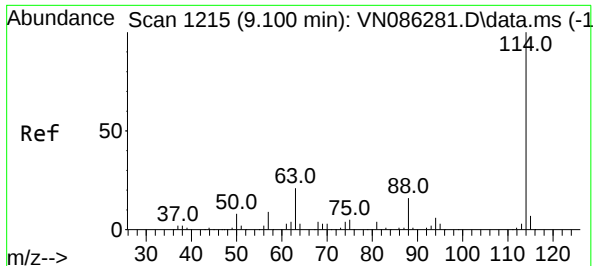
Tgt Ion:168 Resp: 148619
Ion Ratio Lower Upper
168 100
99 59.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.648 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion: 65 Resp: 104841
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086487.D

Acq: 05 May 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

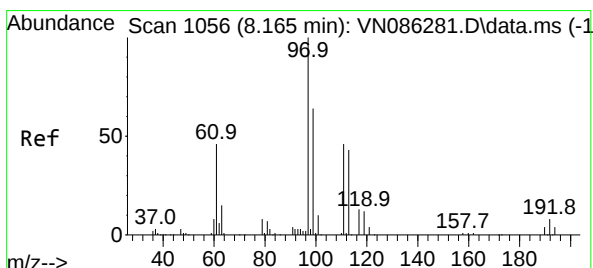
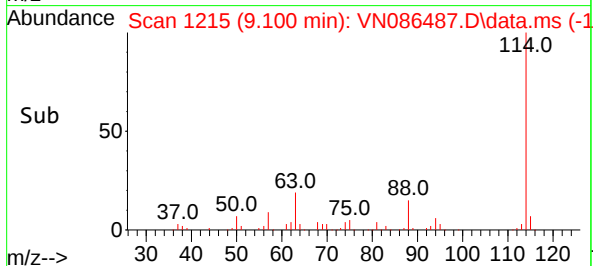
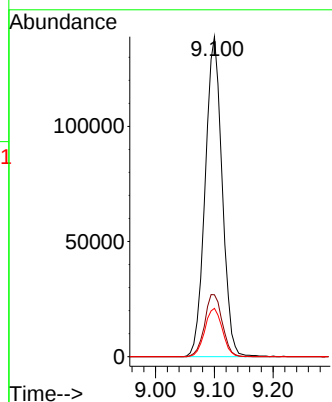
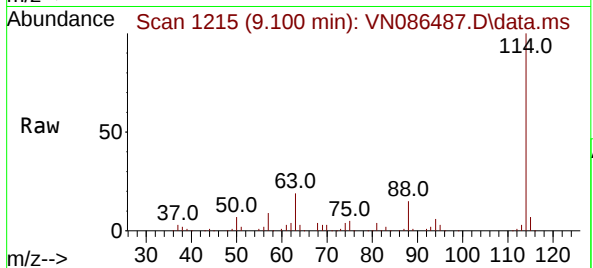
Tgt Ion:114 Resp: 278602

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.399 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086487.D

Acq: 05 May 2025 15:36

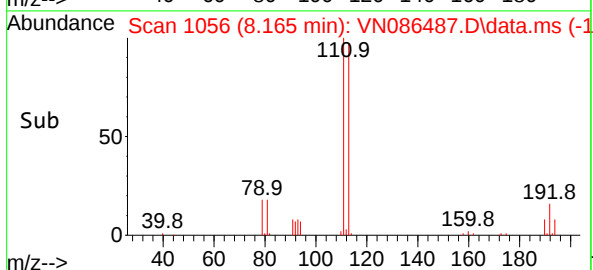
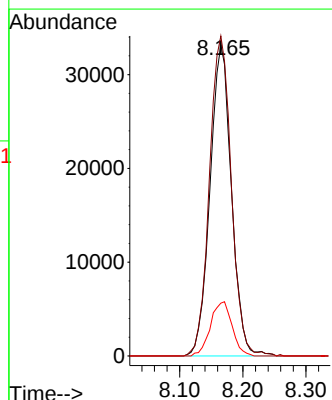
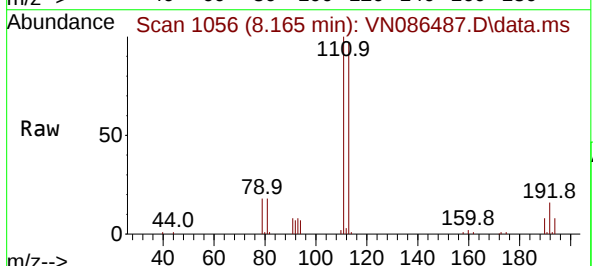
Tgt Ion:113 Resp: 78097

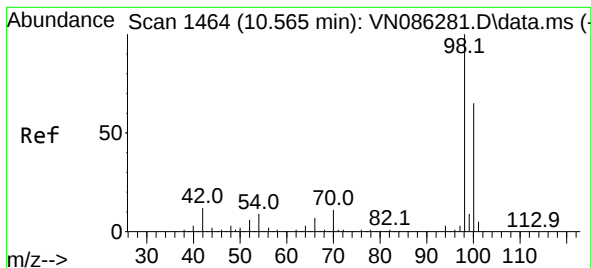
Ion Ratio Lower Upper

113 100

111 105.0 83.4 125.0

192 17.6 13.7 20.5





#50

Toluene-d8

Concen: 52.440 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086487.D

Acq: 05 May 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

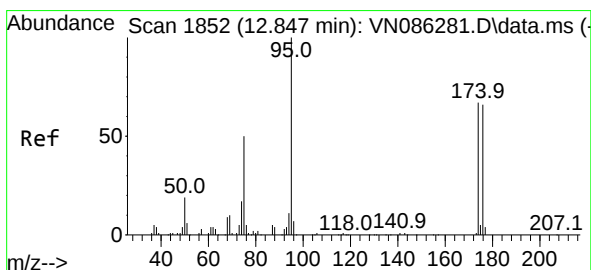
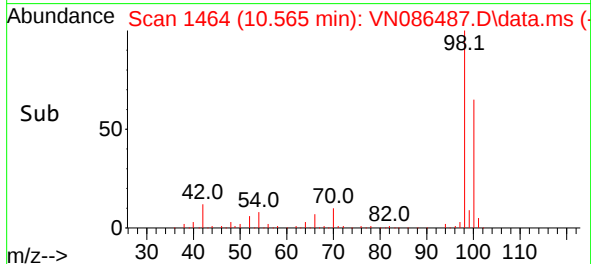
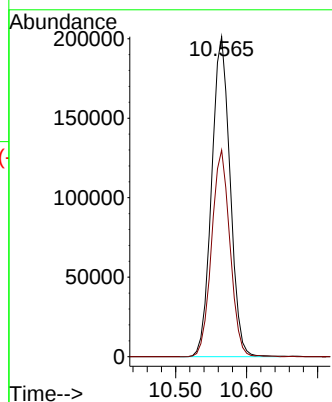
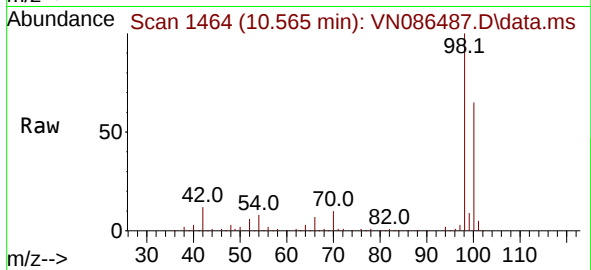
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 362387

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 51.165 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN086487.D

Acq: 05 May 2025 15:36

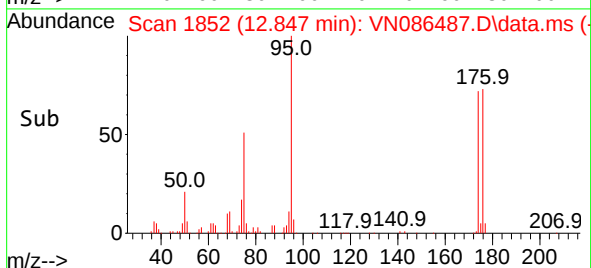
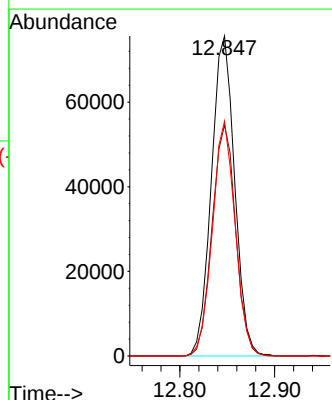
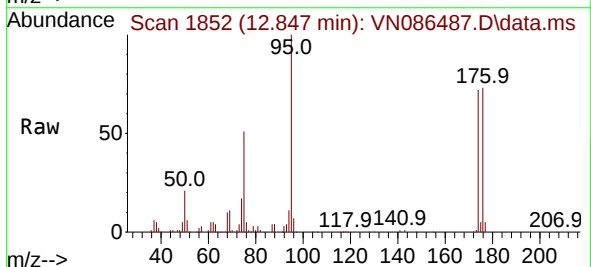
Tgt Ion: 95 Resp: 128966

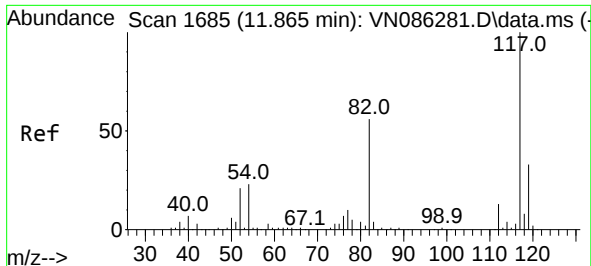
Ion Ratio Lower Upper

95 100

174 73.1 0.0 133.4

176 71.5 0.0 129.2

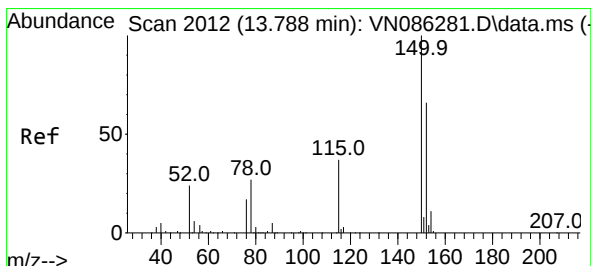
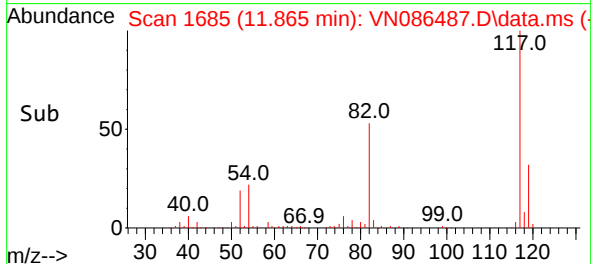
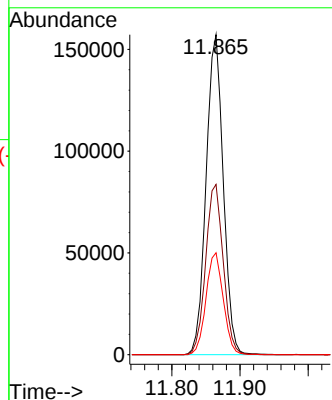
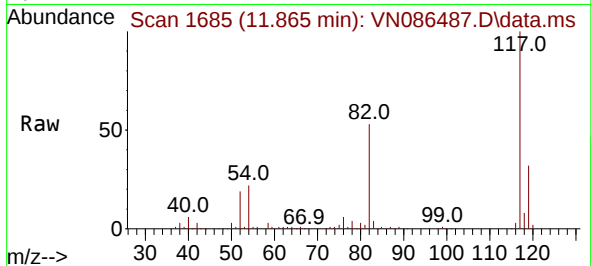




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

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

Tgt Ion:117 Resp: 275033
Ion Ratio Lower Upper
117 100
82 53.2 44.7 67.1
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion:152 Resp: 118994
Ion Ratio Lower Upper
152 100
115 60.1 31.9 95.9
150 158.0 0.0 352.0

