

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086084.D
 Acq On : 24 Mar 2025 20:01
 Operator : JC\MD
 Sample : Q1618-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP20250320-02

Quant Time: Mar 25 01:31:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	276592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	504345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	447520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	198608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196219	51.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.620%
35) Dibromofluoromethane	8.165	113	169003	48.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	10.565	98	602039	47.122	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.847	95	212391	46.614	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.220%

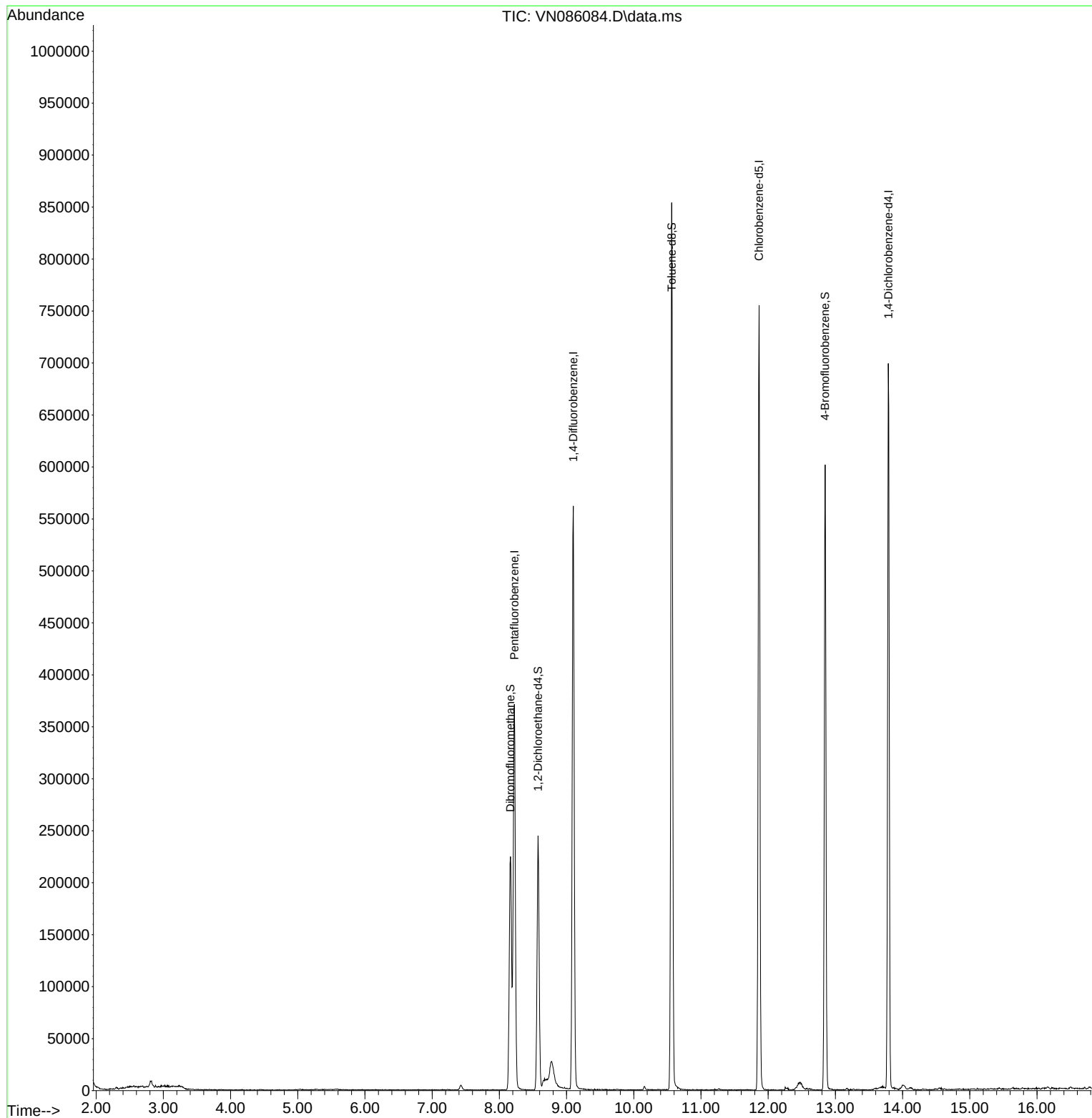
Target Compounds	Qvalue

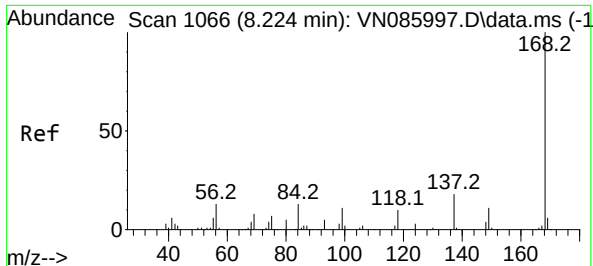
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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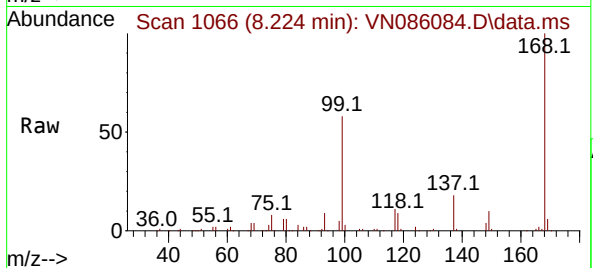
Quant Time: Mar 25 01:31:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
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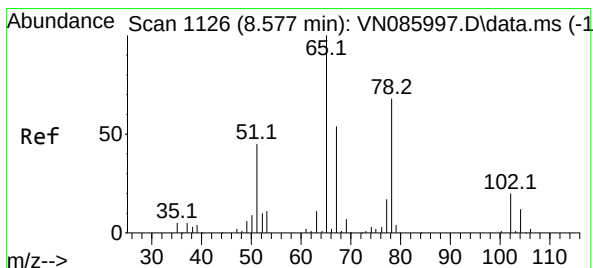
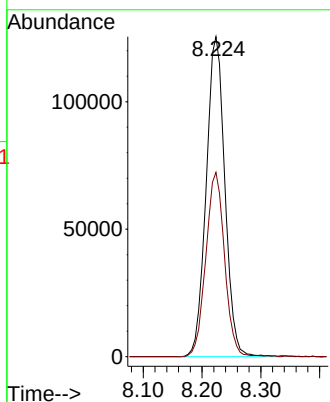
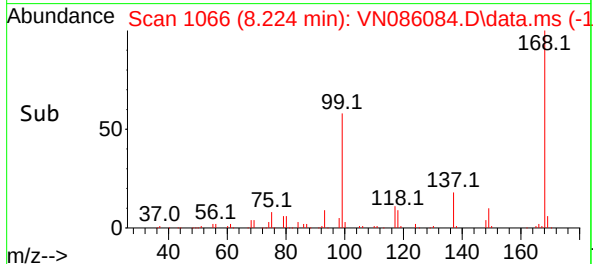


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Instrument :
MSVOA_N
ClientSampleId :
TP20250320-02

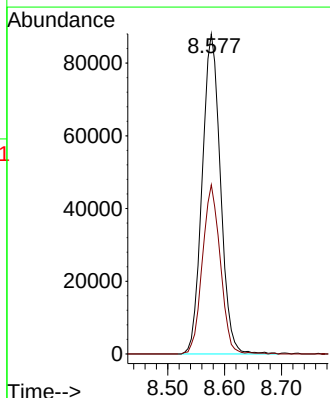
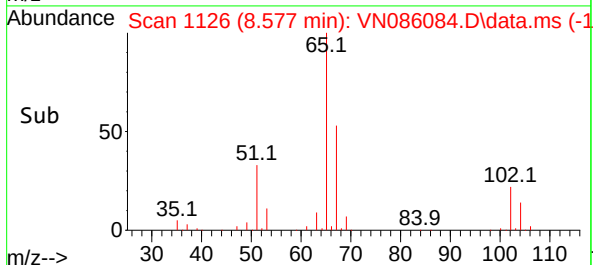
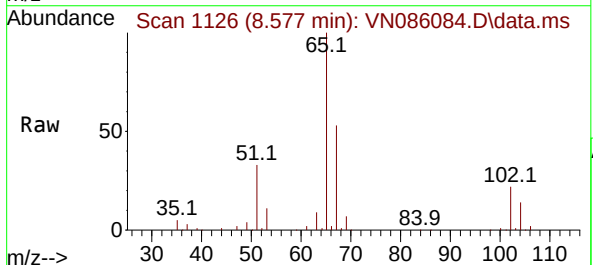


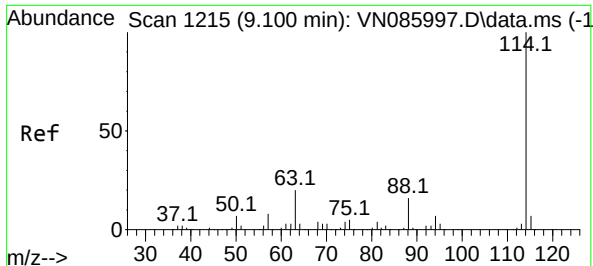
Tgt Ion:168 Resp: 276592
Ion Ratio Lower Upper
168 100
99 57.6 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 51.807 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Tgt Ion: 65 Resp: 196219
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2

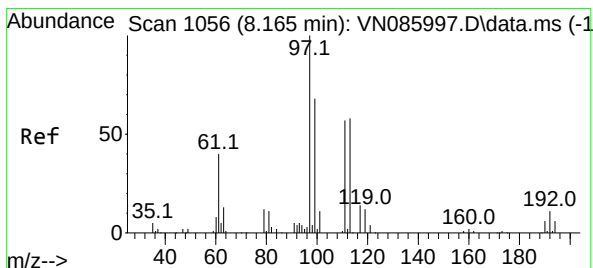
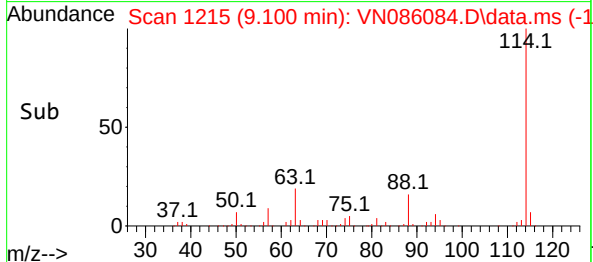
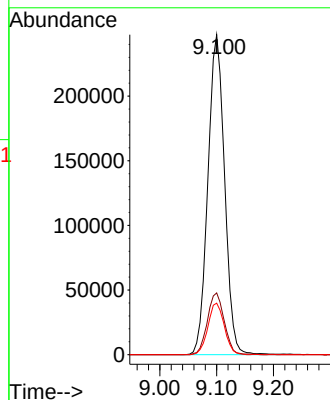
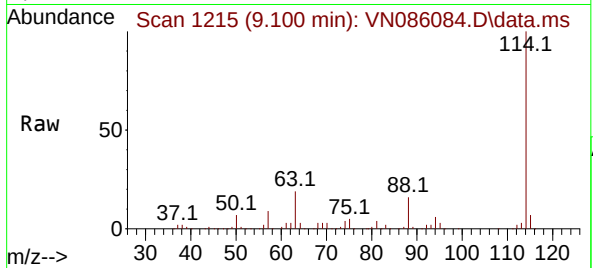




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

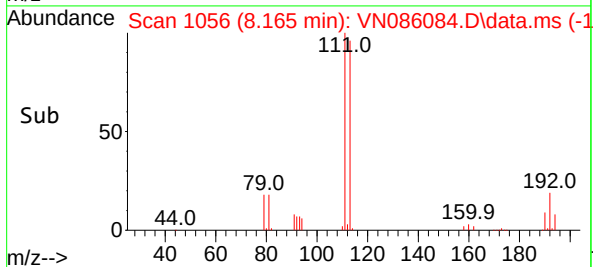
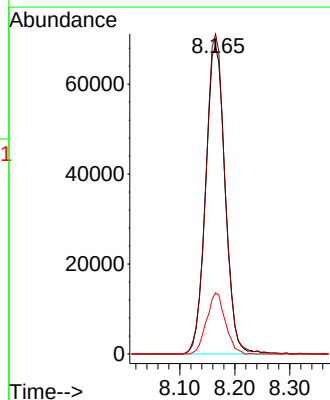
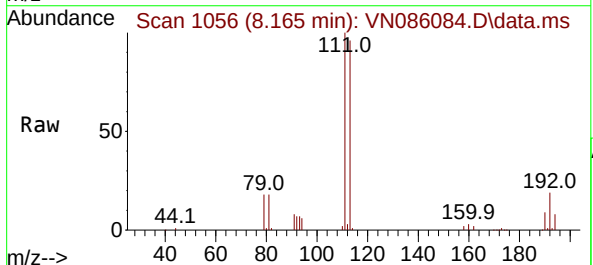
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-02

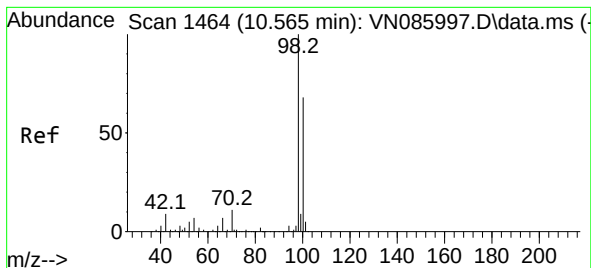
Tgt Ion:114 Resp: 504345
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.009 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Tgt Ion:113 Resp: 169003
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 18.9 15.9 23.9





#50

Toluene-d8

Concen: 47.122 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086084.D

Acq: 24 Mar 2025 20:01

Instrument :

MSVOA_N

ClientSampleId :

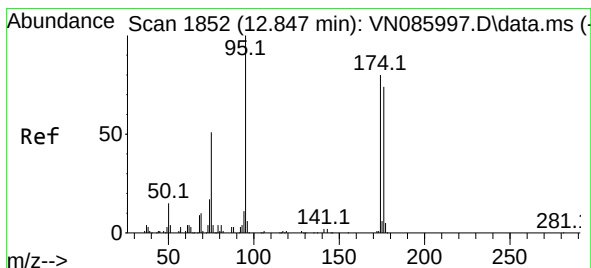
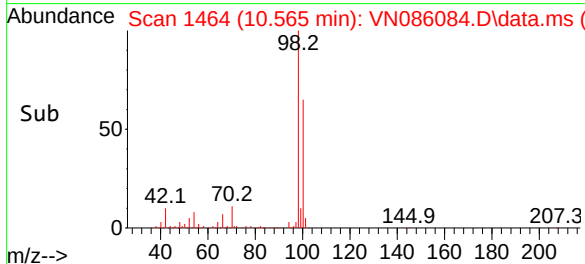
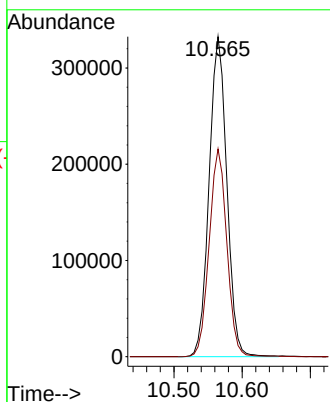
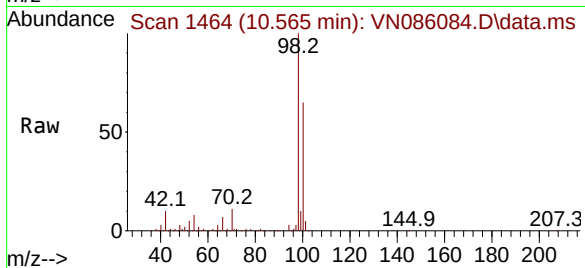
TP20250320-02

Tgt Ion: 98 Resp: 602039

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.614 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086084.D

Acq: 24 Mar 2025 20:01

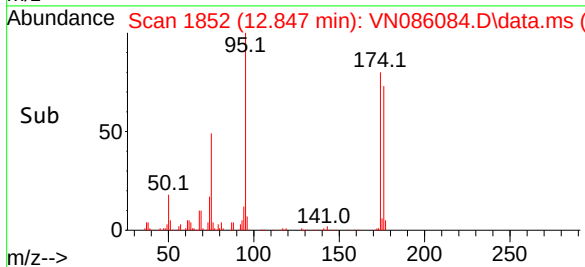
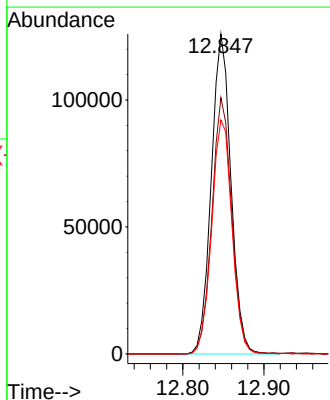
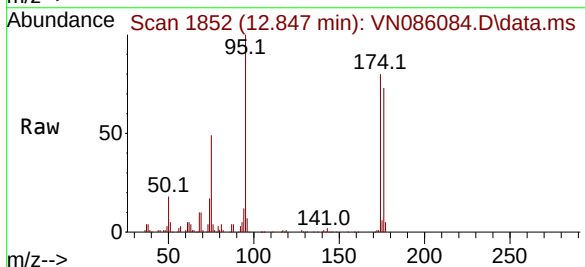
Tgt Ion: 95 Resp: 212391

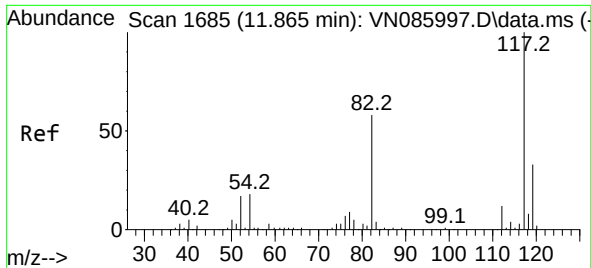
Ion Ratio Lower Upper

95 100

174 80.7 0.0 156.8

176 75.6 0.0 152.2

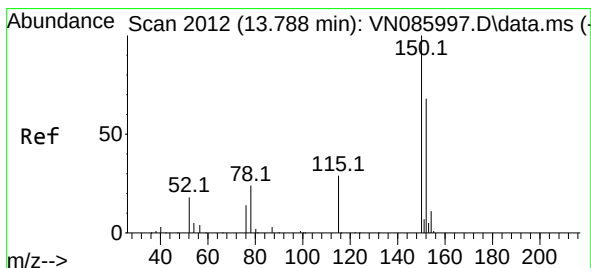
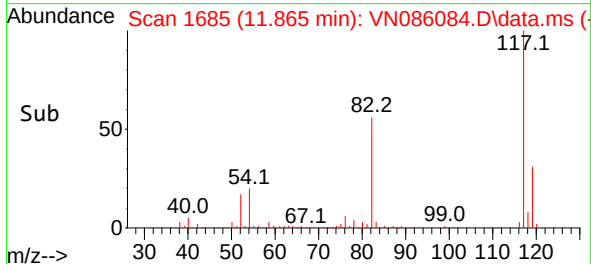
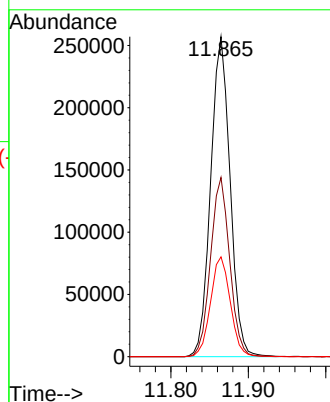
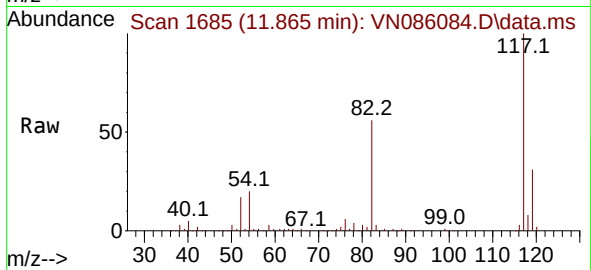




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Instrument :
MSVOA_N
ClientSampleId :
TP20250320-02

Tgt Ion:117 Resp: 447520
Ion Ratio Lower Upper
117 100
82 56.0 46.7 70.1
119 31.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Tgt Ion:152 Resp: 198608
Ion Ratio Lower Upper
152 100
115 59.8 31.1 93.2
150 158.1 0.0 359.6

