

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086203.D
 Acq On : 02 Apr 2025 12:47
 Operator : JC\MD
 Sample : VN0402WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

Quant Time: Apr 03 01:34:36 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	127206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	90713	52.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.160%
35) Dibromofluoromethane	8.159	113	69868	48.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.565	98	254406	48.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.847	95	97285	51.857	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.720%

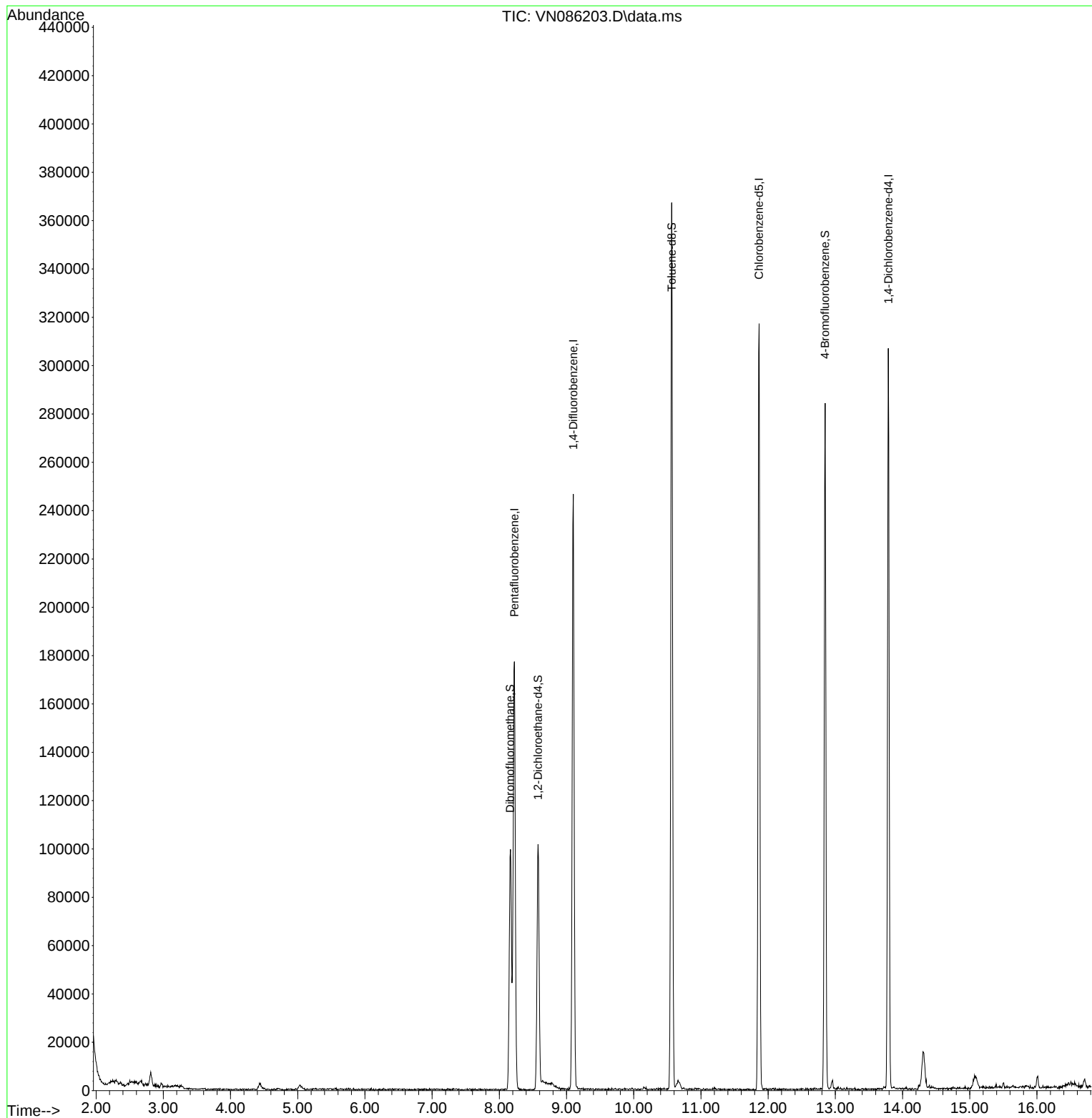
Target Compounds	Qvalue

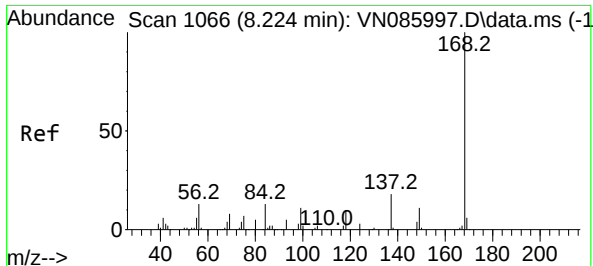
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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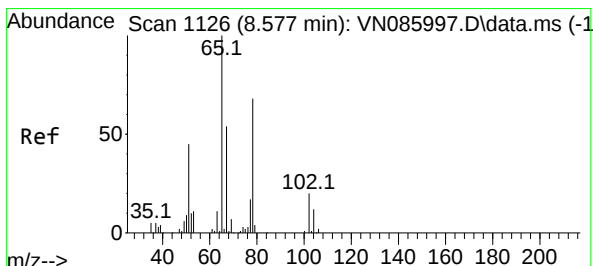
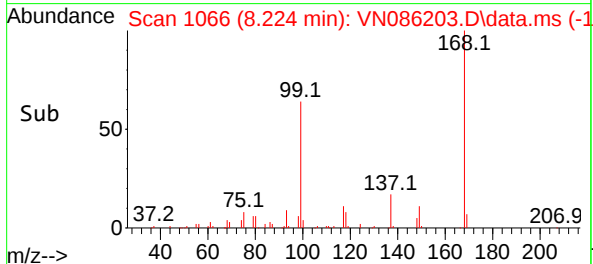
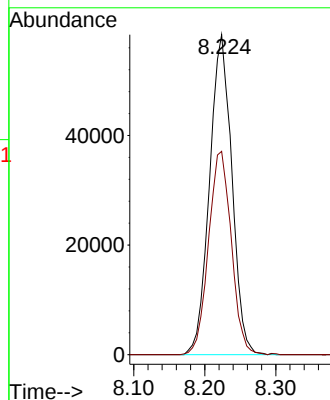
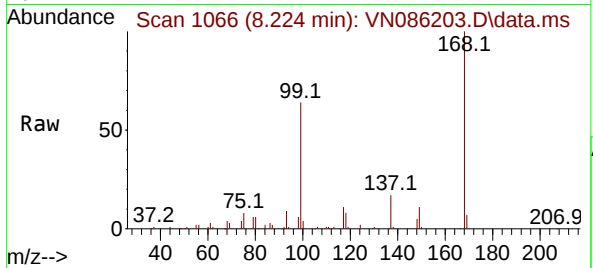




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

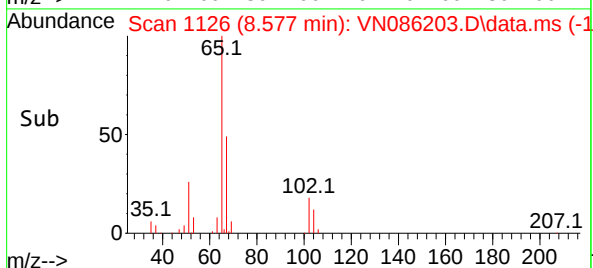
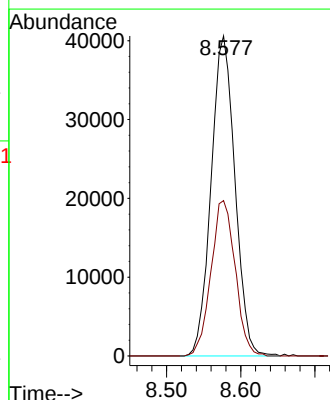
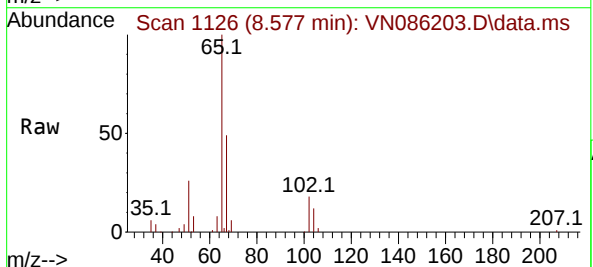
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

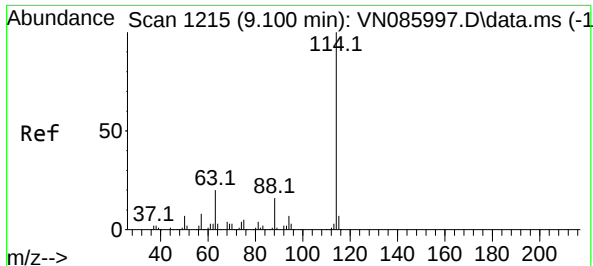
Tgt Ion:168 Resp: 127206
Ion Ratio Lower Upper
168 100
99 63.6 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 52.078 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion: 65 Resp: 90713
Ion Ratio Lower Upper
65 100
67 49.3 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: VN086203.D

Acq: 02 Apr 2025 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBL01

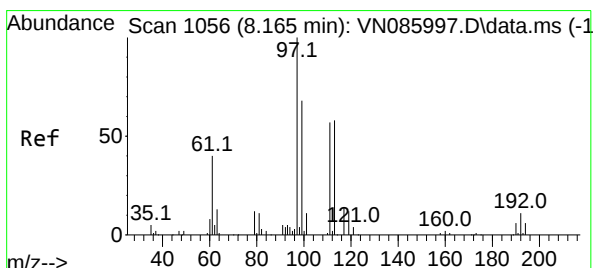
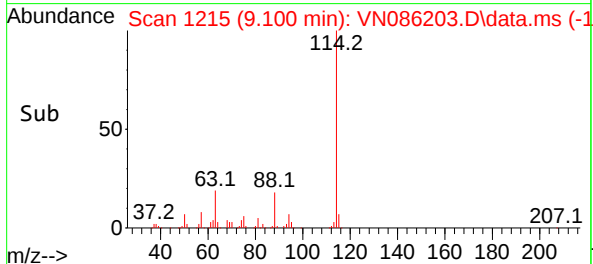
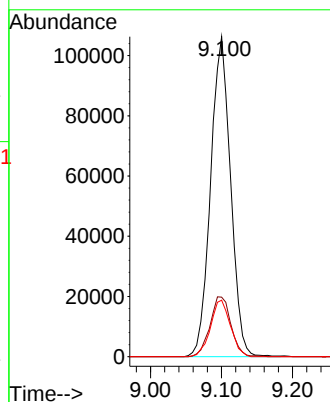
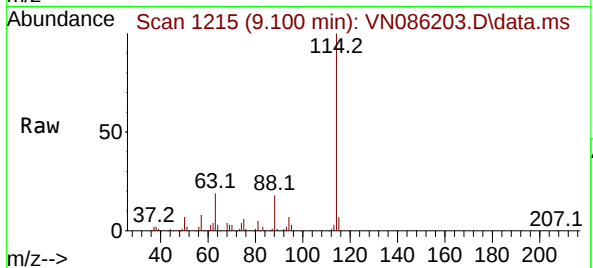
Tgt Ion:114 Resp: 207658

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 17.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.204 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086203.D

Acq: 02 Apr 2025 12:47

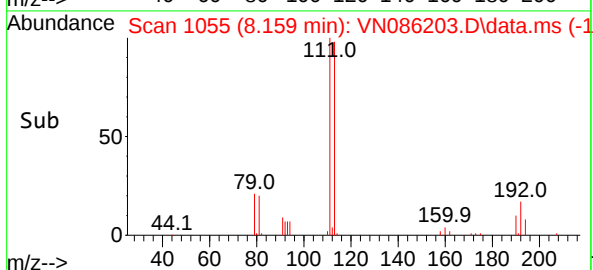
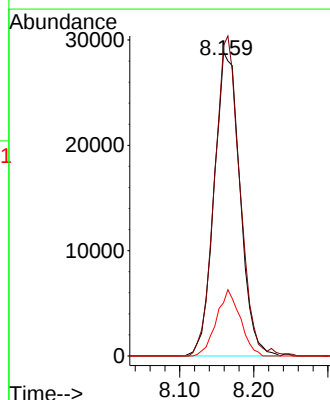
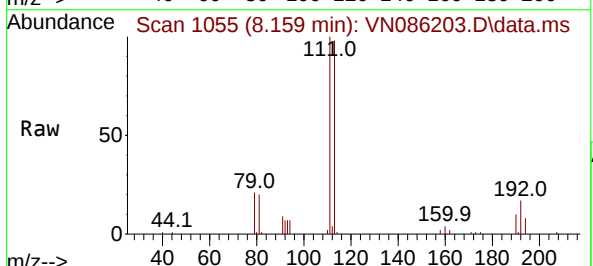
Tgt Ion:113 Resp: 69868

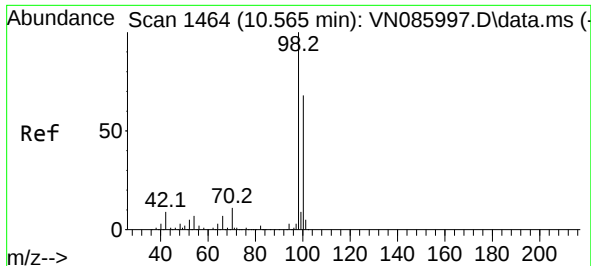
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 20.0 15.9 23.9

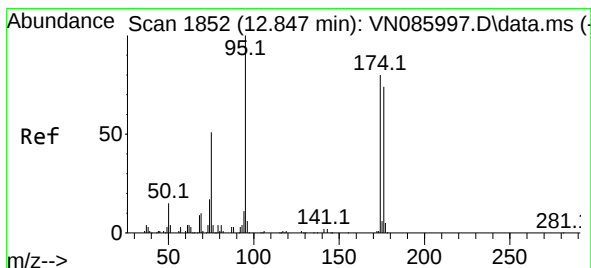
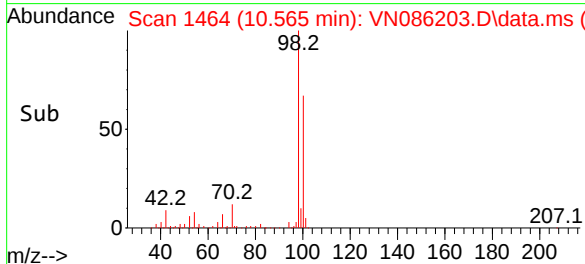
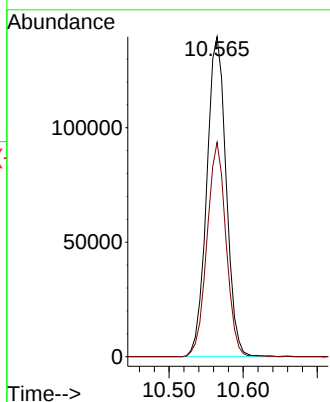
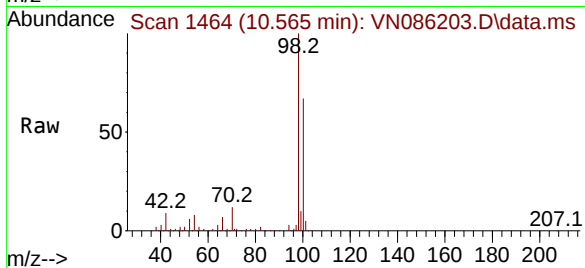




#50
Toluene-d8
Concen: 48.362 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

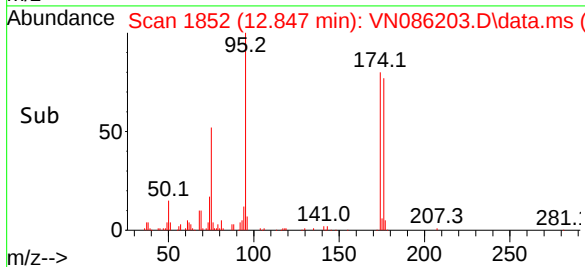
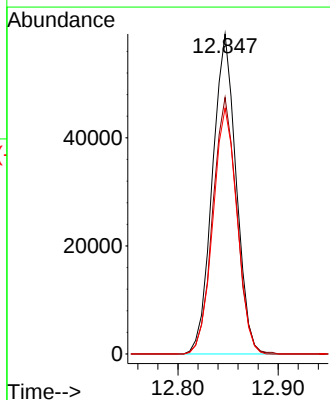
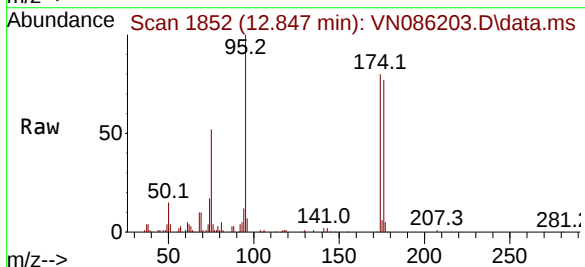
Instrument :
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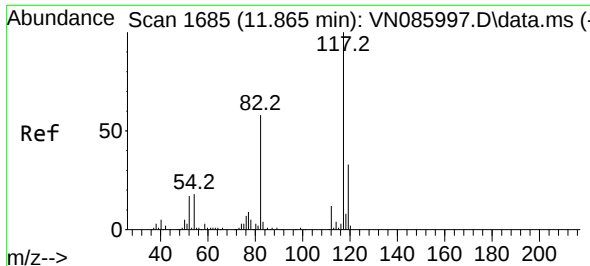
Tgt Ion: 98 Resp: 254406
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.857 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion: 95 Resp: 97285
Ion Ratio Lower Upper
95 100
174 81.3 0.0 156.8
176 78.2 0.0 152.2

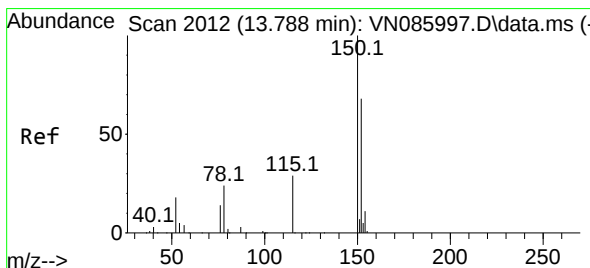
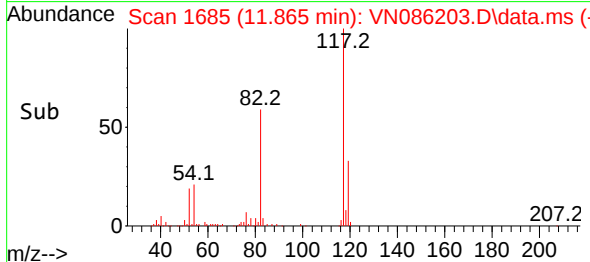
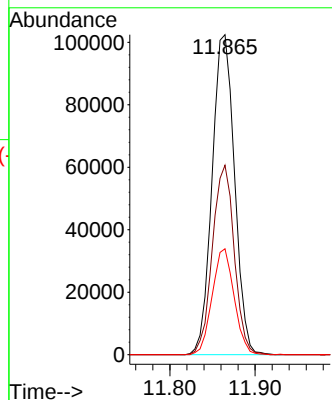
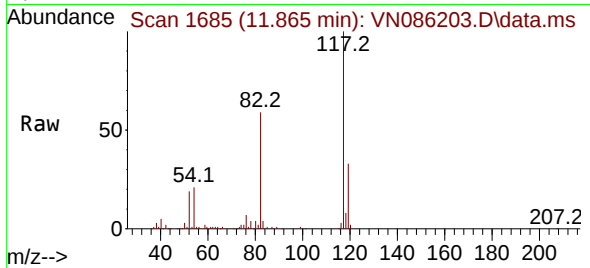




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086203.D
Acq: 02 Apr 2025 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

Tgt Ion:117 Resp: 187507
Ion Ratio Lower Upper
117 100
82 59.2 46.7 70.1
119 33.1 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: VN086203.D
Acq: 02 Apr 2025 12:47

Tgt Ion:152 Resp: 83047
Ion Ratio Lower Upper
152 100
115 64.7 31.1 93.2
150 159.5 0.0 359.6

