

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN086002.D
 Acq On : 18 Mar 2025 14:34
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 19 03:39:33 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	109343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	188078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	70479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	82852	55.335	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.680%
35) Dibromofluoromethane	8.165	113	71003	54.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.180%
50) Toluene-d8	10.565	98	228831	48.029	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.847	95	72079	42.421	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.840%

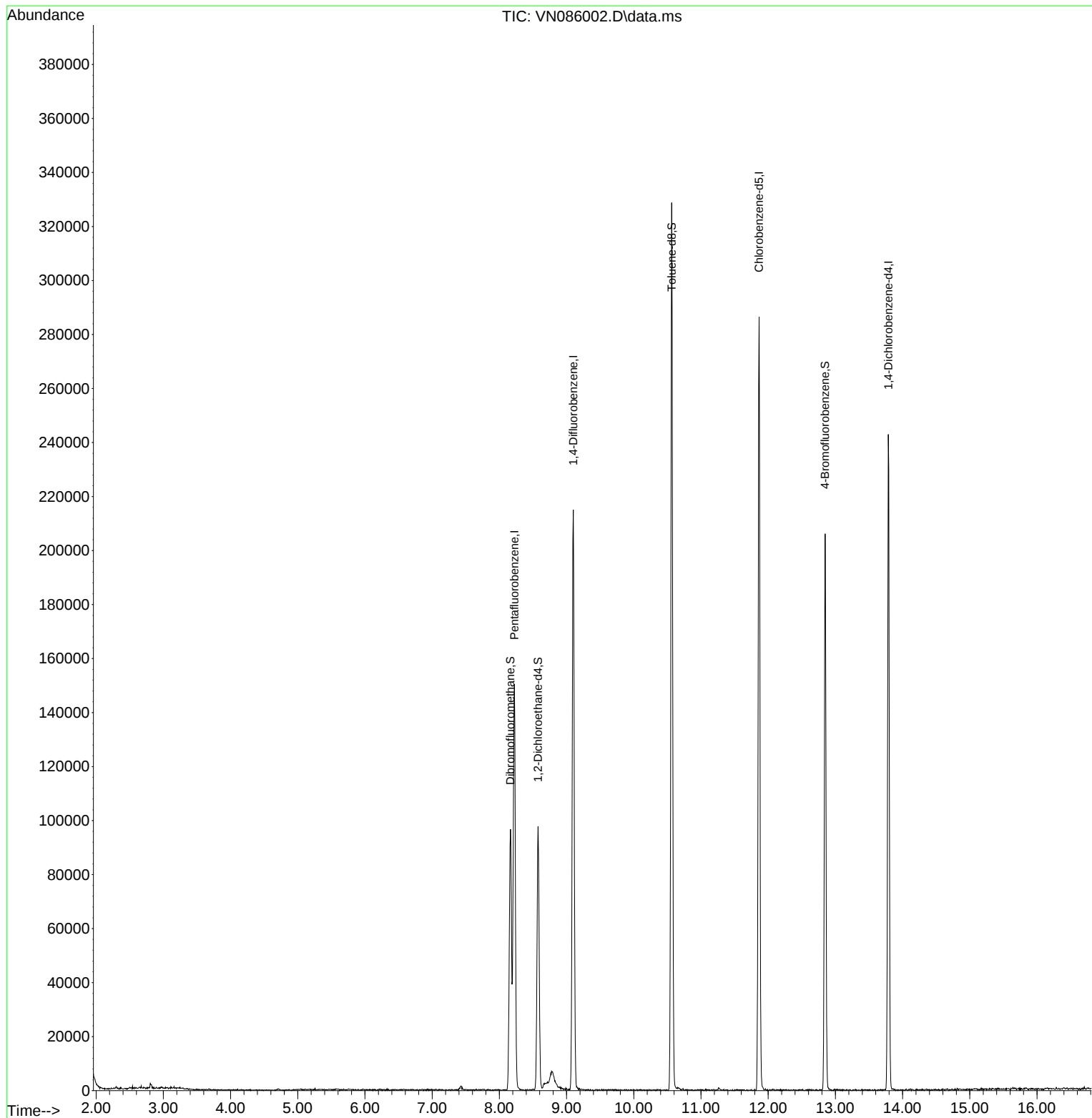
Target Compounds	Qvalue

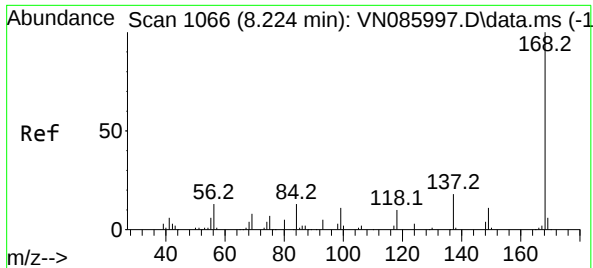
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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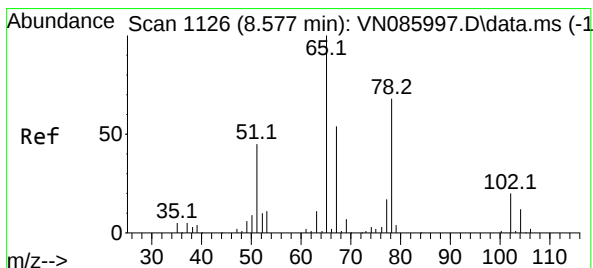
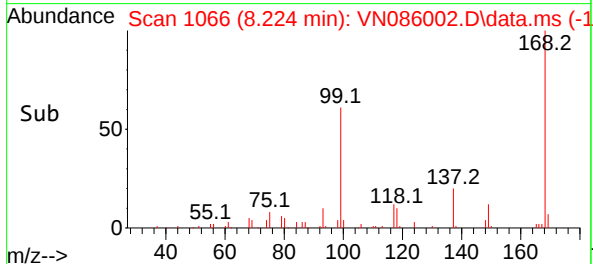
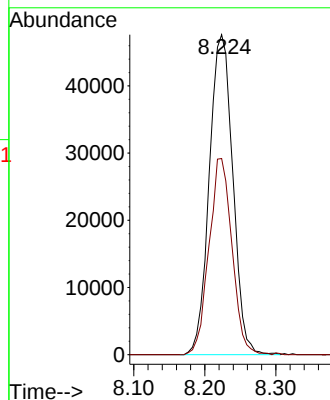
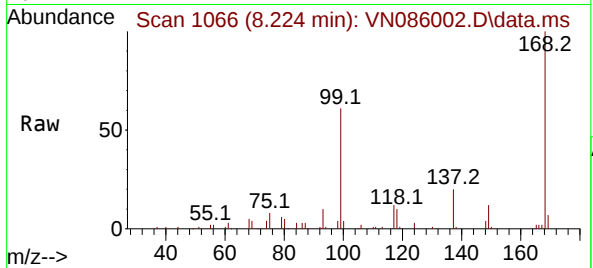




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

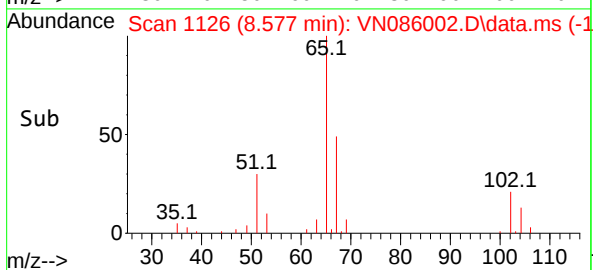
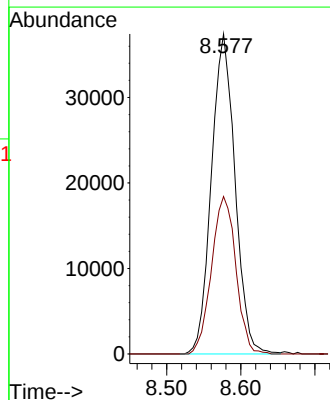
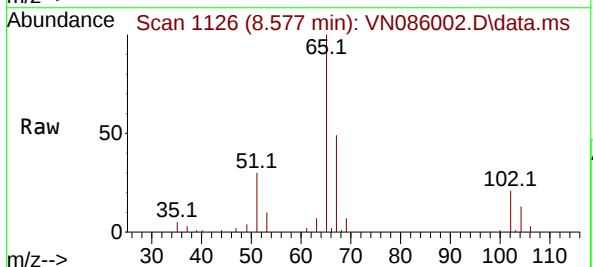
Instrument :
MSVOA_N
ClientSampleId :
IBLK

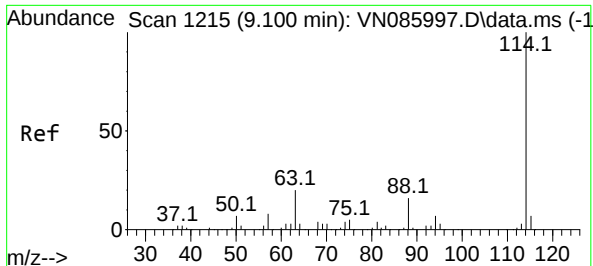
Tgt Ion:168 Resp: 109343
Ion Ratio Lower Upper
168 100
99 61.3 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 55.335 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion: 65 Resp: 82852
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086002.D

Acq: 18 Mar 2025 14:34

Instrument :

MSVOA_N

ClientSampleId :

IBLK

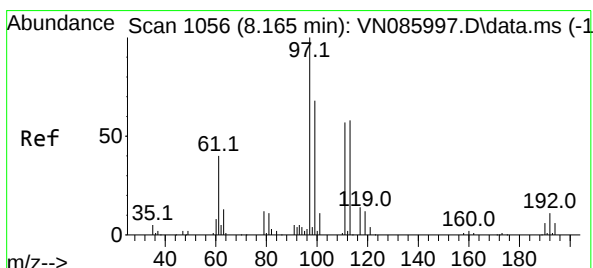
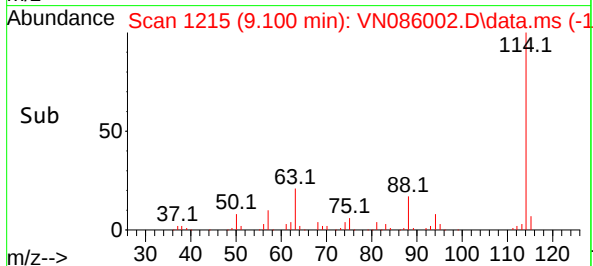
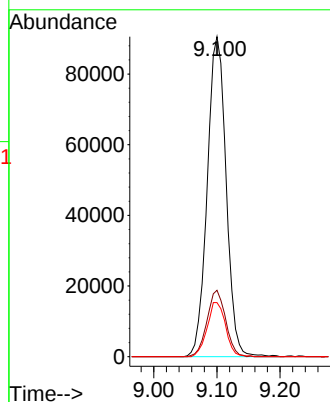
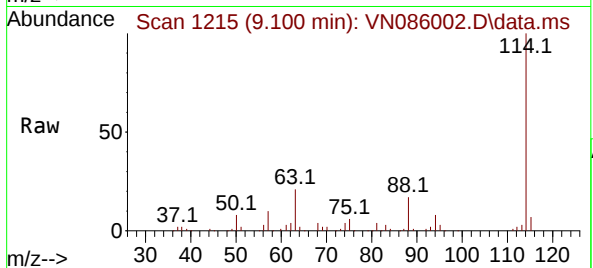
Tgt Ion:114 Resp: 188078

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.087 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086002.D

Acq: 18 Mar 2025 14:34

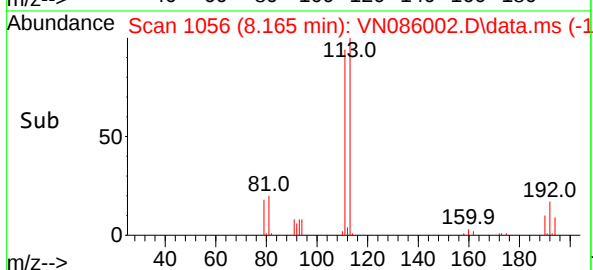
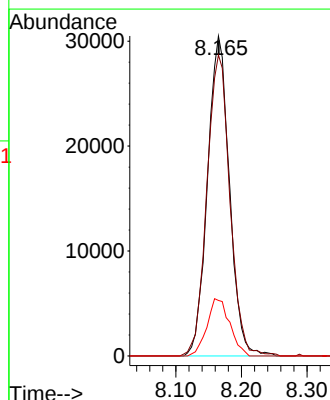
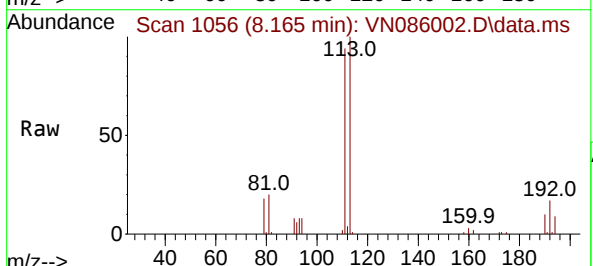
Tgt Ion:113 Resp: 71003

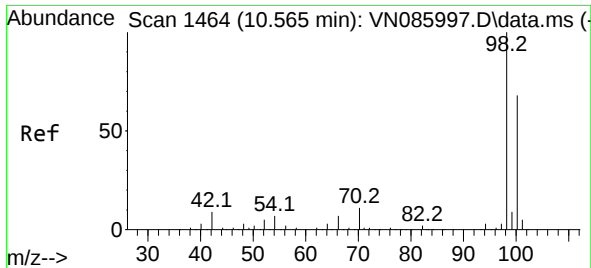
Ion Ratio Lower Upper

113 100

111 98.5 81.8 122.8

192 18.5 15.9 23.9

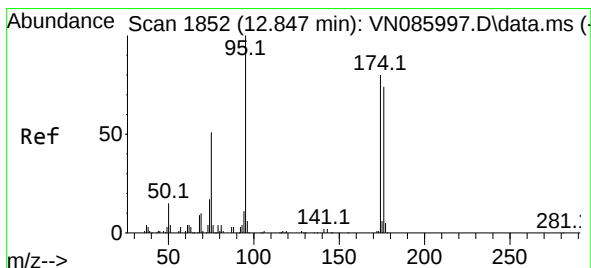
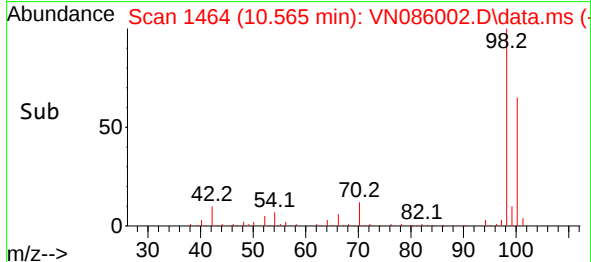
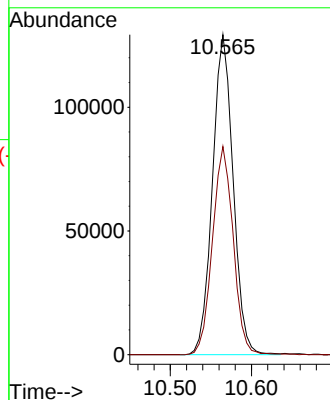
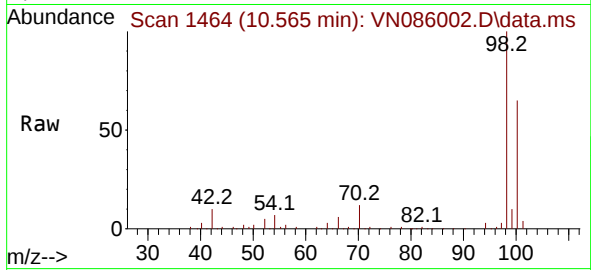




#50
Toluene-d8
Concen: 48.029 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

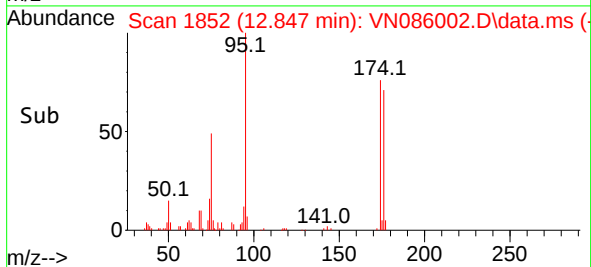
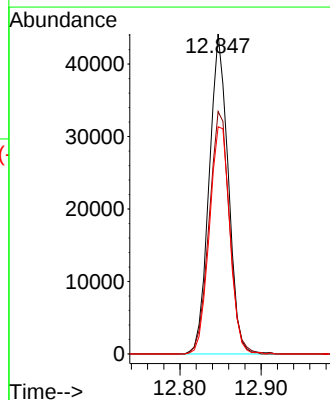
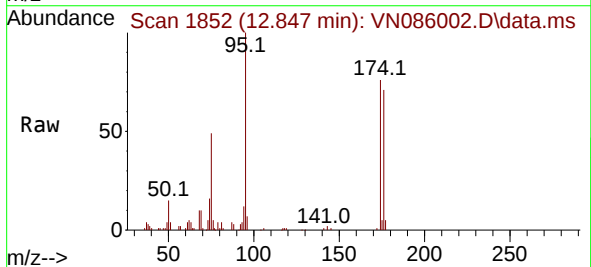
Instrument :
MSVOA_N
ClientSampleId :
IBLK

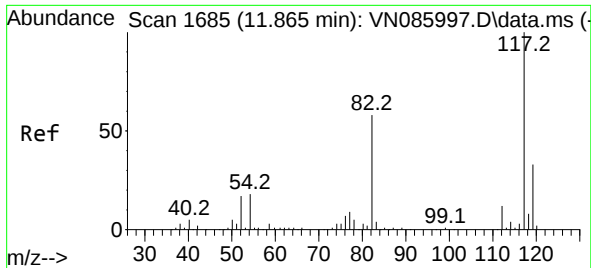
Tgt Ion: 98 Resp: 228831
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.421 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion: 95 Resp: 72079
Ion Ratio Lower Upper
95 100
174 80.8 0.0 156.8
176 76.1 0.0 152.2

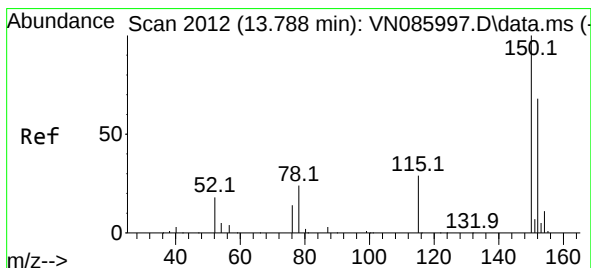
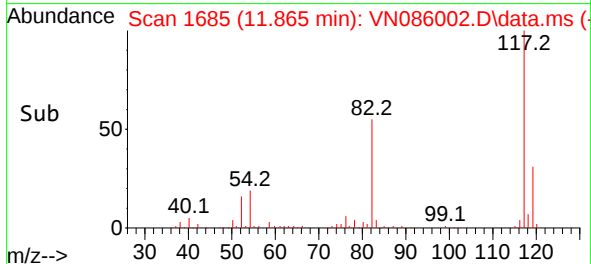
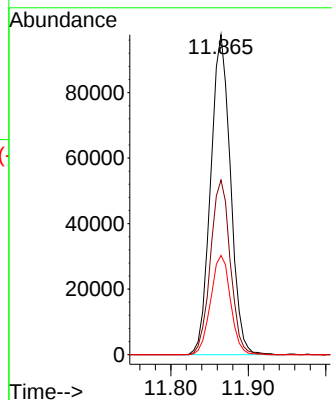
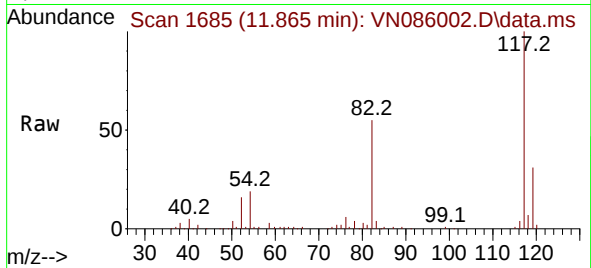




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086002.D
Acq: 18 Mar 2025 14:34

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 173164
Ion Ratio Lower Upper
117 100
82 54.5 46.7 70.1
119 31.0 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: VN086002.D
Acq: 18 Mar 2025 14:34

Tgt Ion:152 Resp: 70479
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.2
150 154.1 0.0 359.6

