

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086525.D
 Acq On : 06 May 2025 19:24
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 07 02:58:20 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	225188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	146919	44.992	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.980%
35) Dibromofluoromethane	8.165	113	113728	59.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.840%
50) Toluene-d8	10.565	98	512055	50.057	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.847	95	185052	49.597	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.200%

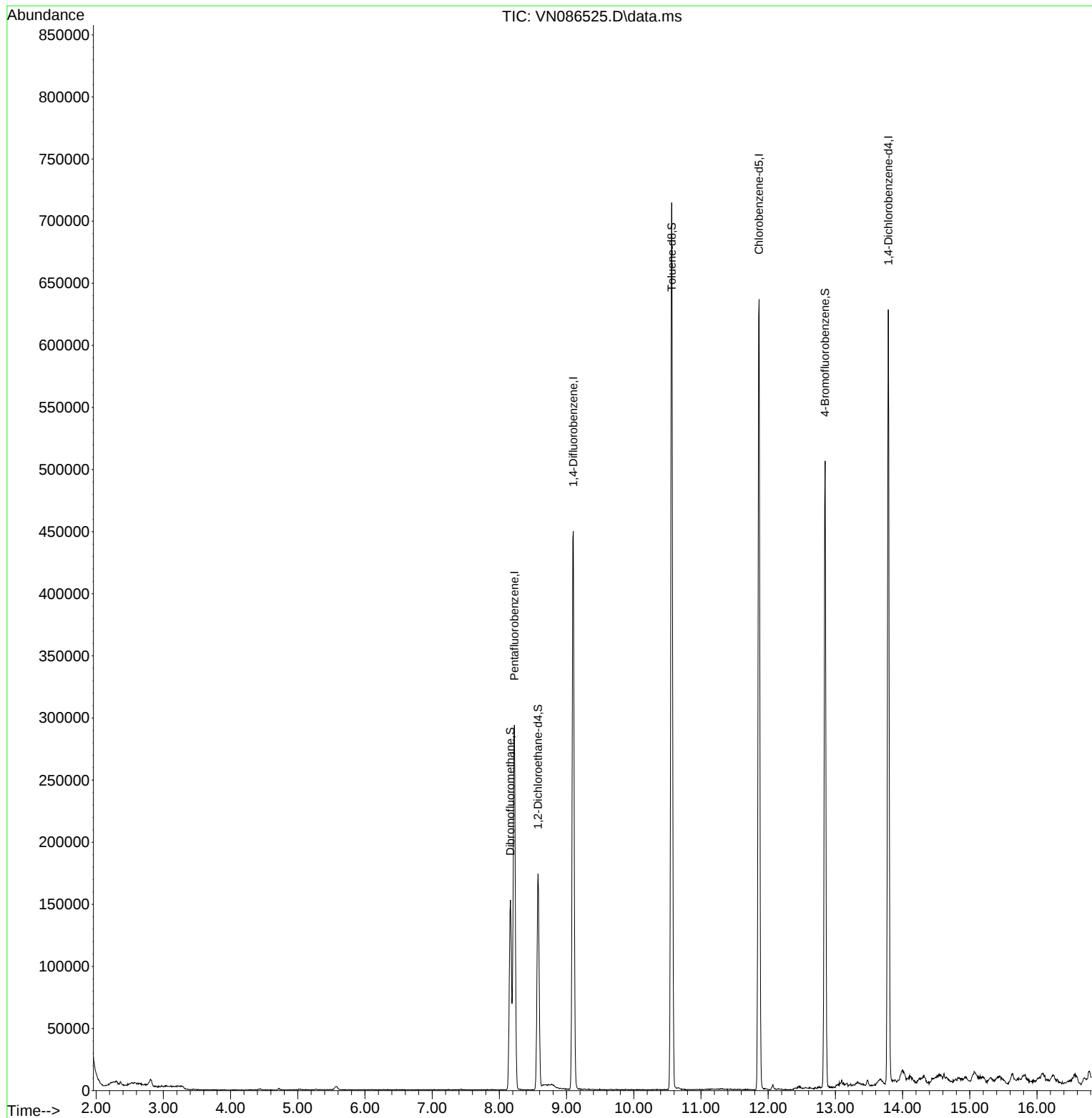
Target Compounds	Qvalue

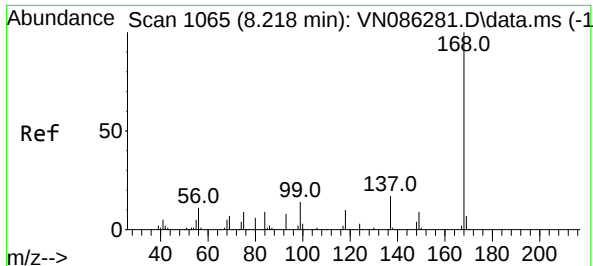
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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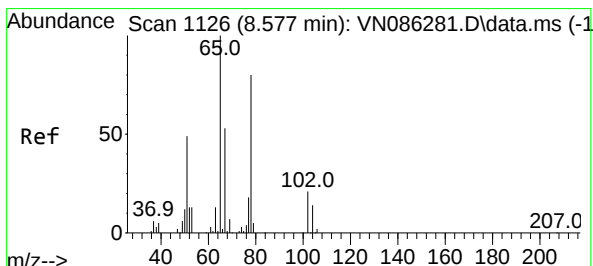
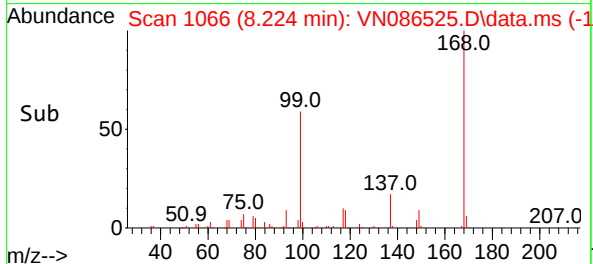
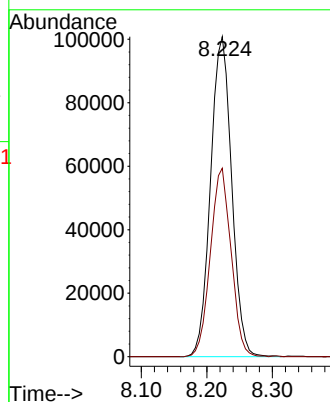
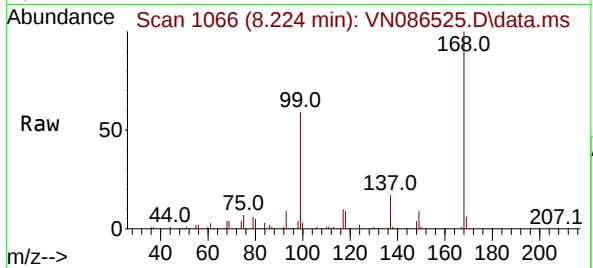




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

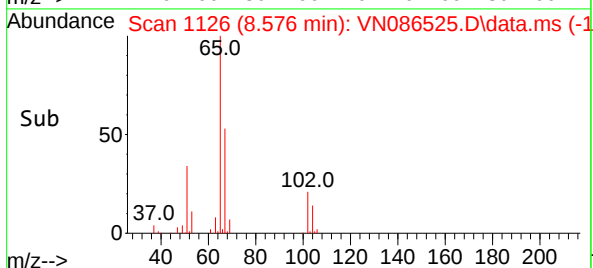
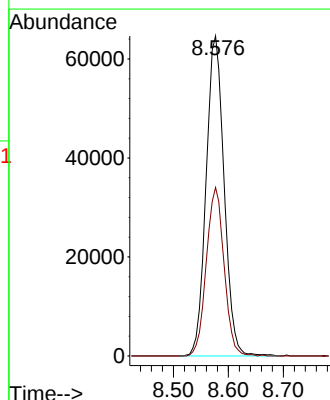
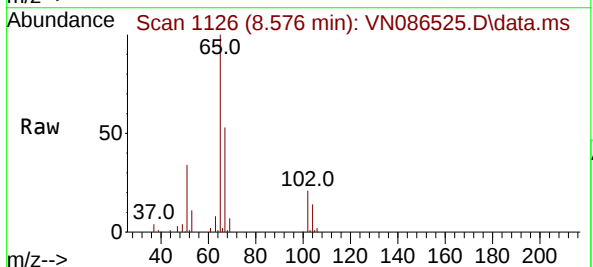
Instrument :
MSVOA_N
ClientSampleId :
IBLK

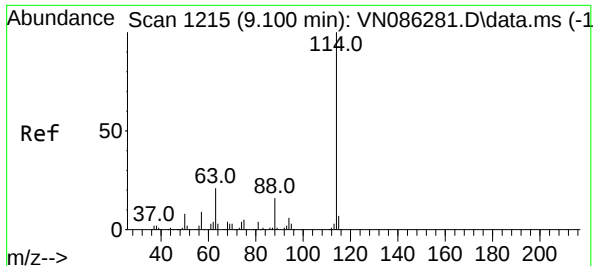
Tgt Ion:168 Resp: 225188
Ion Ratio Lower Upper
168 100
99 58.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 44.992 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion: 65 Resp: 146919
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

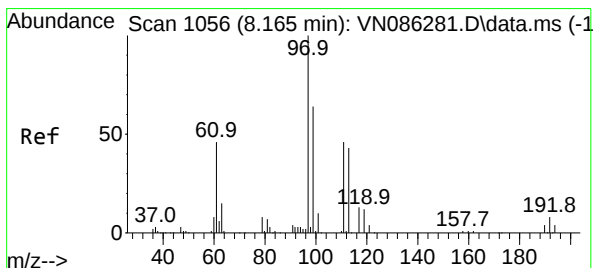
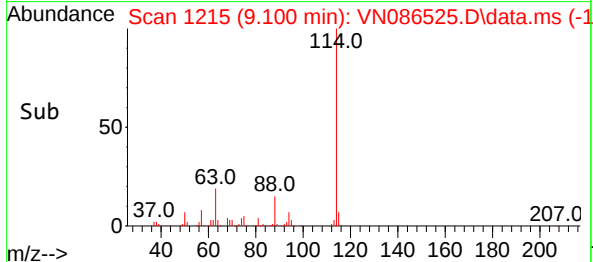
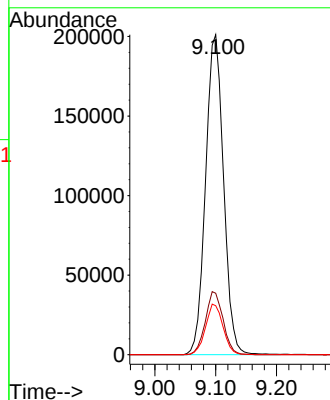
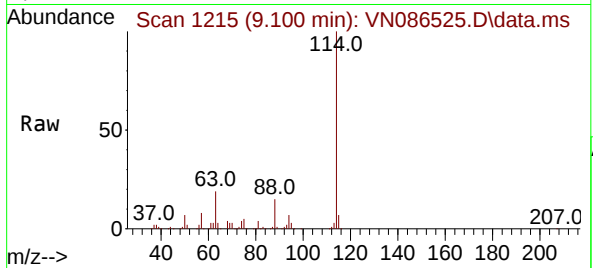




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

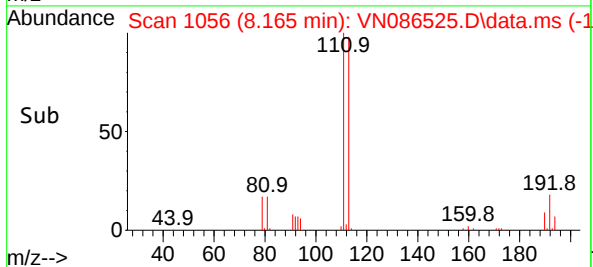
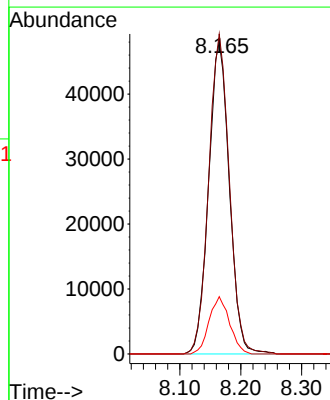
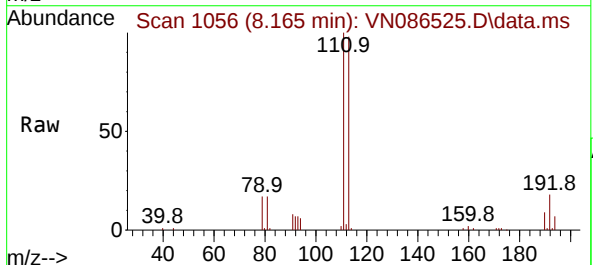
Instrument :
MSVOA_N
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IBLK

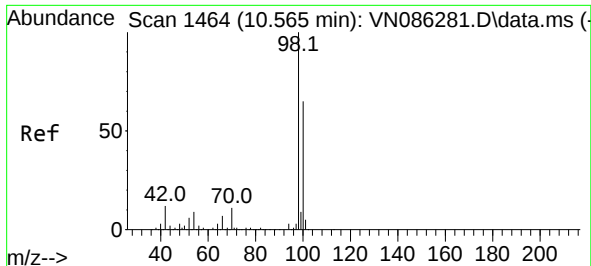
Tgt Ion:114 Resp: 412407
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.418 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion:113 Resp: 113728
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.0
192 18.1 13.7 20.5

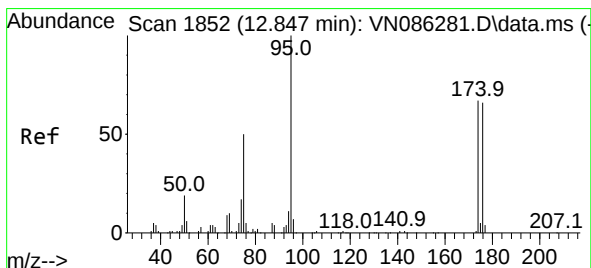
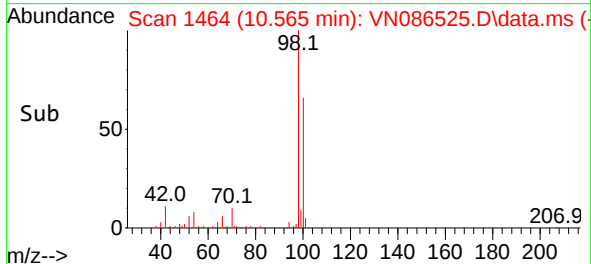
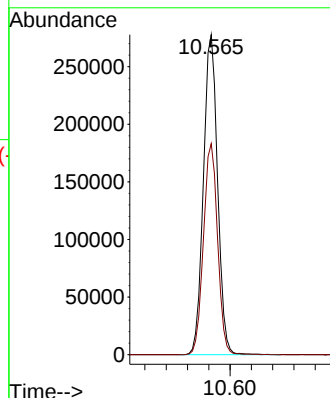
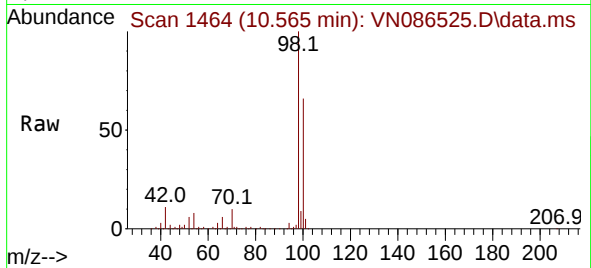




#50
Toluene-d8
Concen: 50.057 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

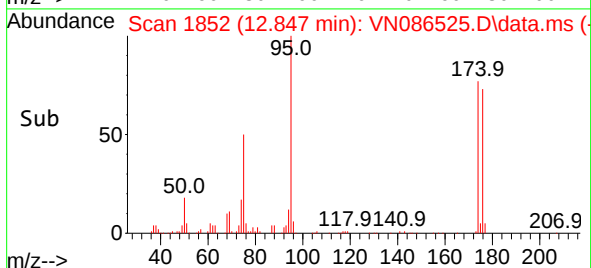
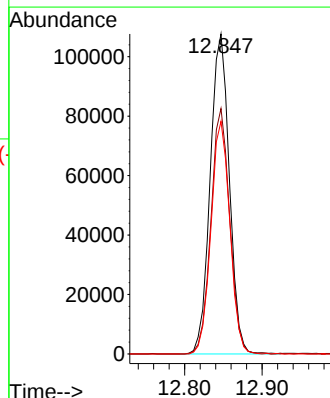
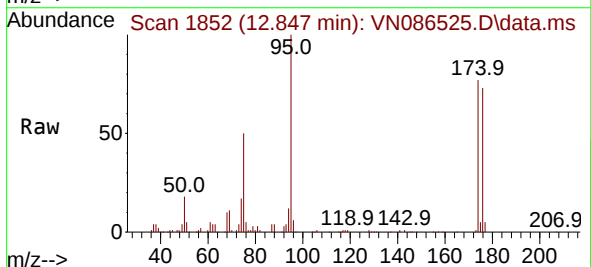
Instrument :
MSVOA_N
ClientSampleId :
IBLK

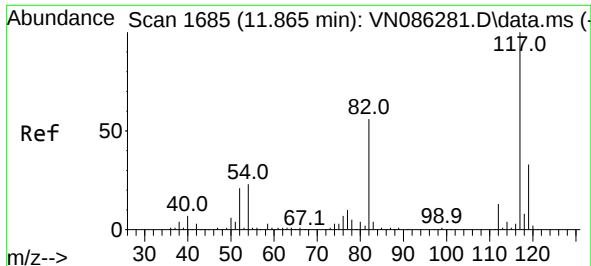
Tgt Ion: 98 Resp: 512055
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.597 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion: 95 Resp: 185052
Ion Ratio Lower Upper
95 100
174 75.7 0.0 133.4
176 71.5 0.0 129.2

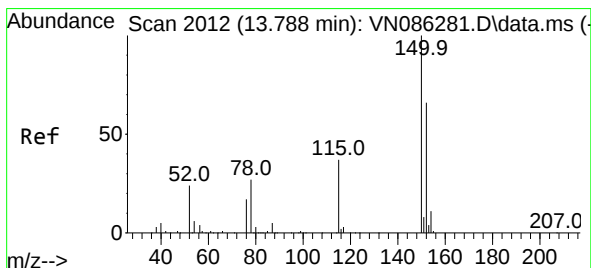
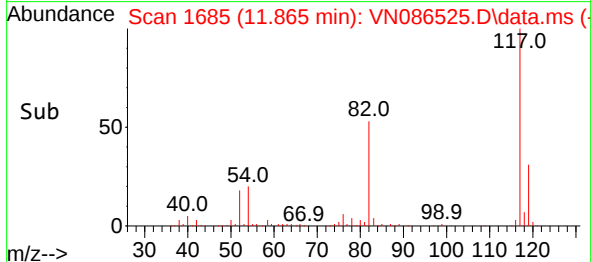
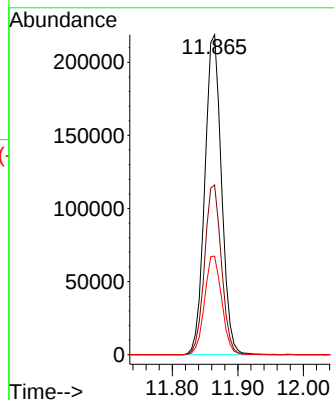
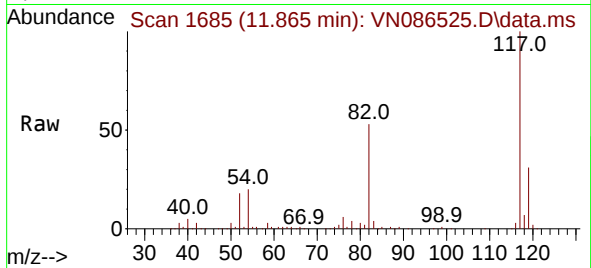




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086525.D
Acq: 06 May 2025 19:24

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 388235
Ion Ratio Lower Upper
117 100
82 53.1 44.7 67.1
119 30.8 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: VN086525.D
Acq: 06 May 2025 19:24

Tgt Ion:152 Resp: 171708
Ion Ratio Lower Upper
152 100
115 61.5 31.9 95.9
150 157.4 0.0 352.0

