

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086484.D
 Acq On : 05 May 2025 14:24
 Operator : JC\MD
 Sample : Q1942-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: May 06 01:44:51 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	144594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	104313	49.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.500%
35) Dibromofluoromethane	8.171	113	78889	61.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	122.020%
50) Toluene-d8	10.565	98	356252	51.548	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.847	95	124018	49.199	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.400%

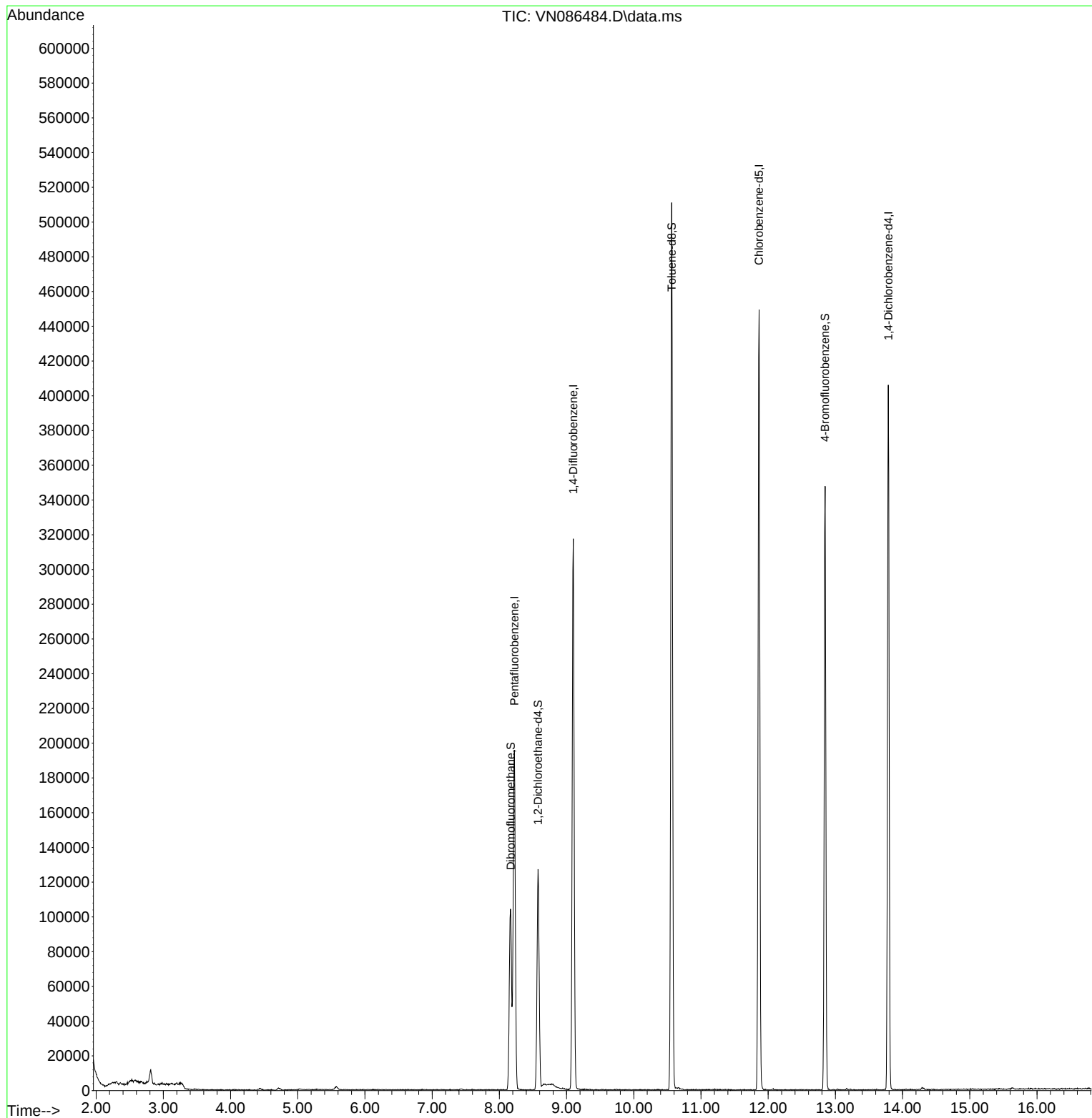
Target Compounds	Qvalue

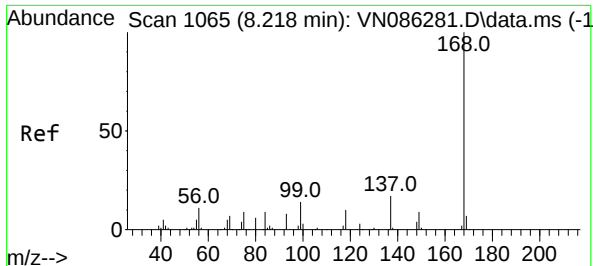
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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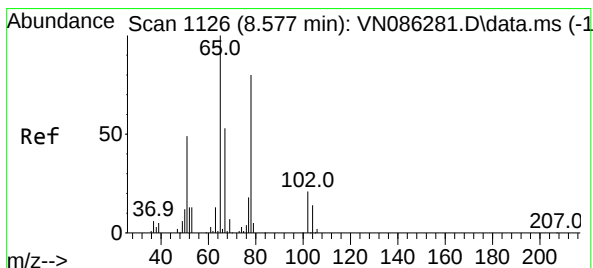
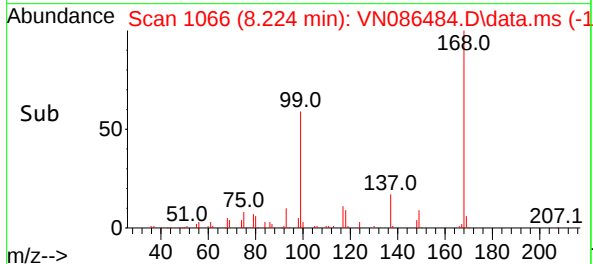
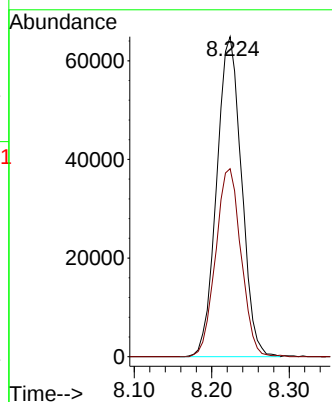
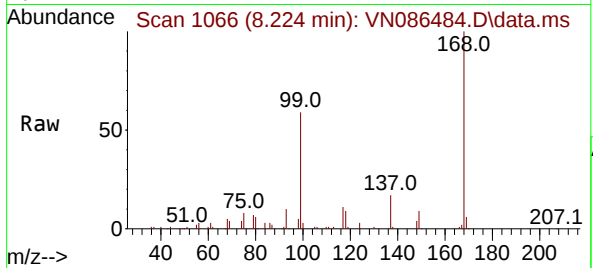




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

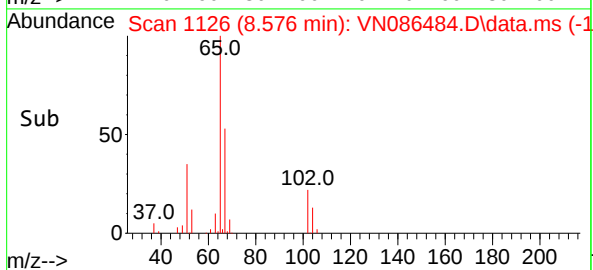
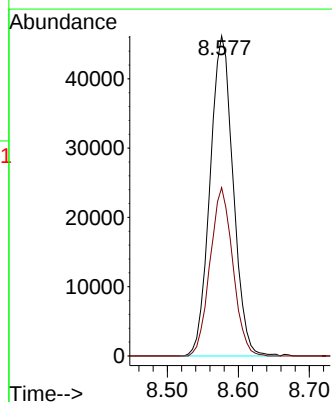
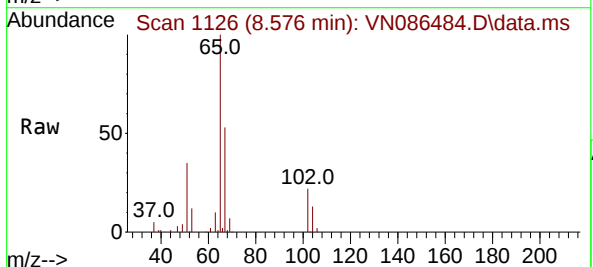
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

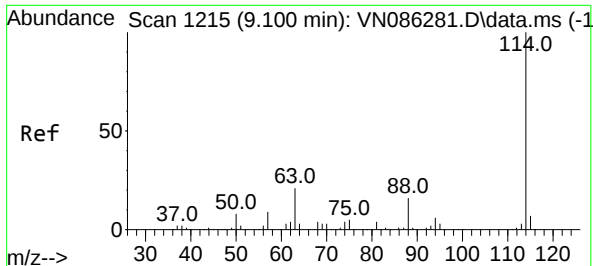
Tgt Ion:168 Resp: 144594
Ion Ratio Lower Upper
168 100
99 58.8 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.750 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion: 65 Resp: 104313
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

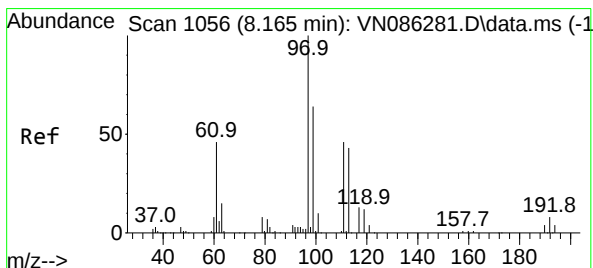
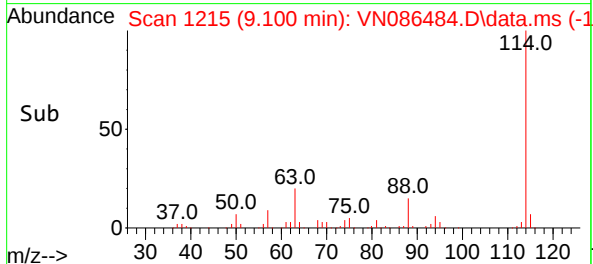
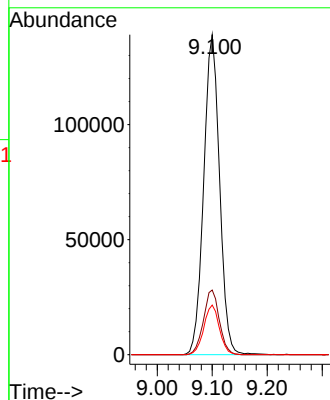
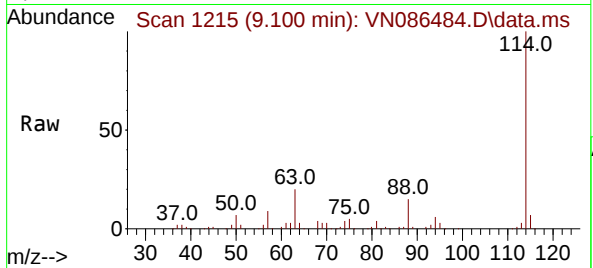




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

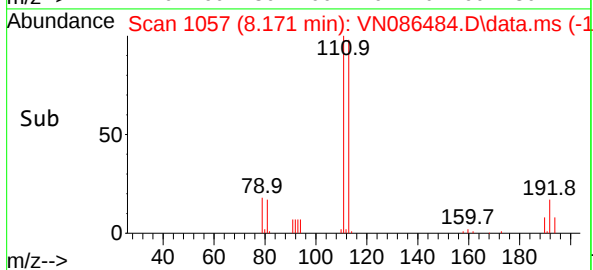
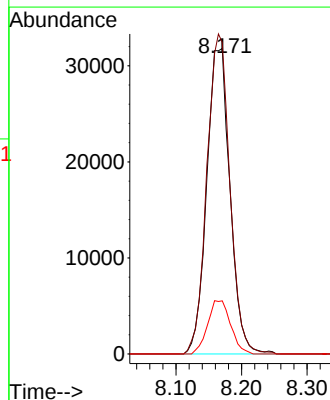
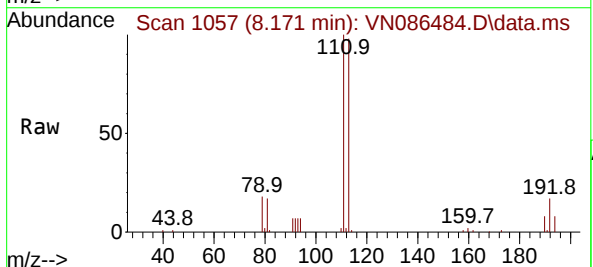
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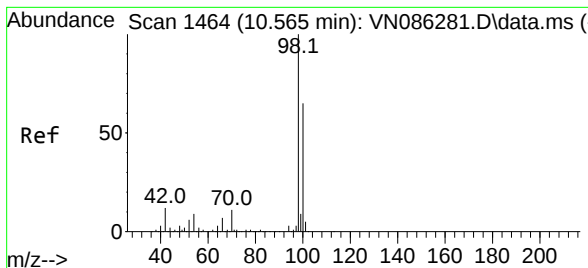
Tgt Ion:114 Resp: 278622
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 61.007 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion:113 Resp: 78889
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.0
192 17.2 13.7 20.5

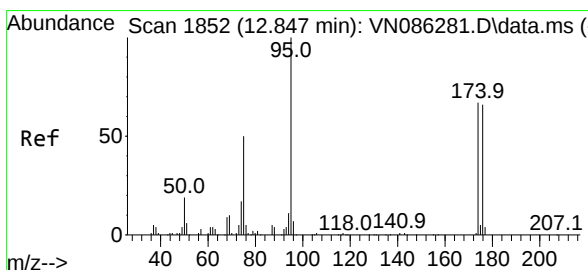
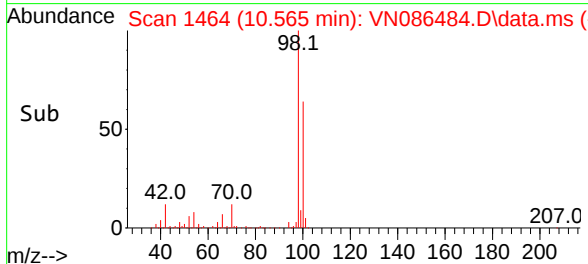
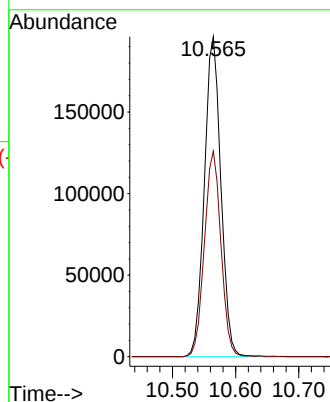
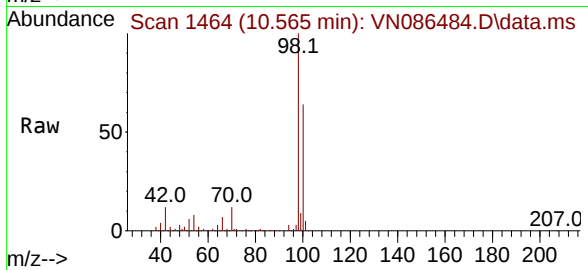




#50
Toluene-d8
Concen: 51.548 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

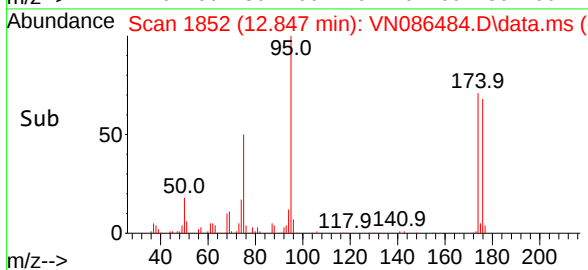
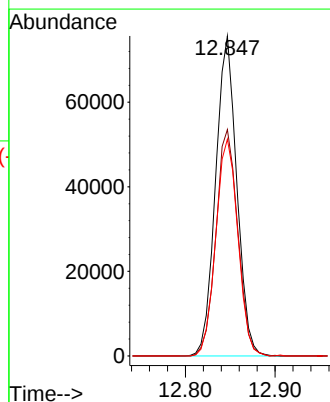
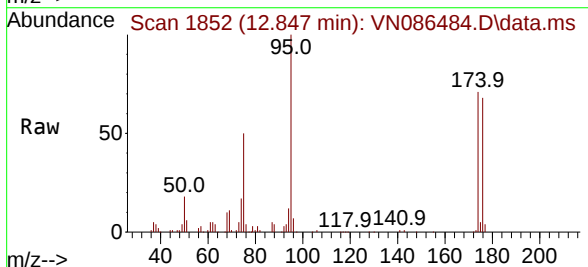
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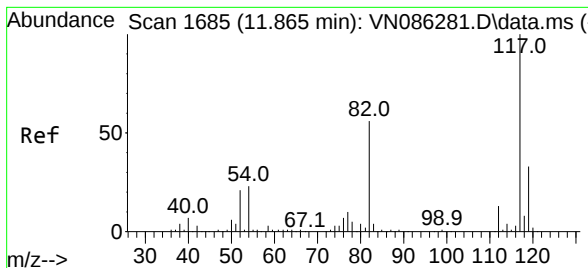
Tgt Ion: 98 Resp: 356252
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.199 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion: 95 Resp: 124018
Ion Ratio Lower Upper
95 100
174 72.9 0.0 133.4
176 70.6 0.0 129.2

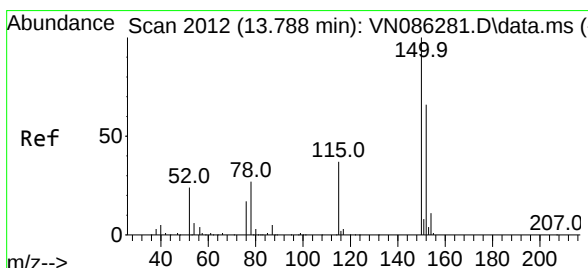
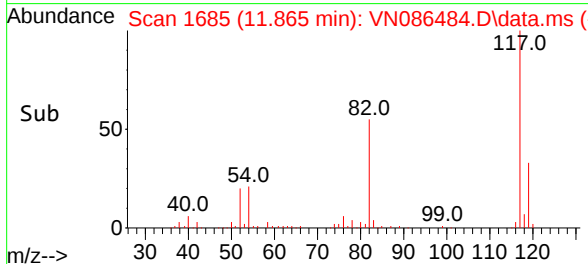
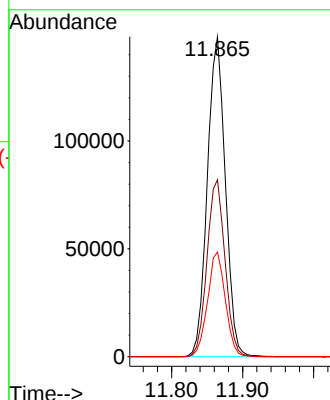
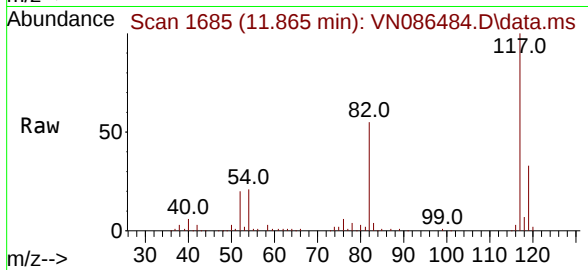




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 261042
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 32.7 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: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion:152 Resp: 110791
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.9
150 158.3 0.0 352.0

