

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)

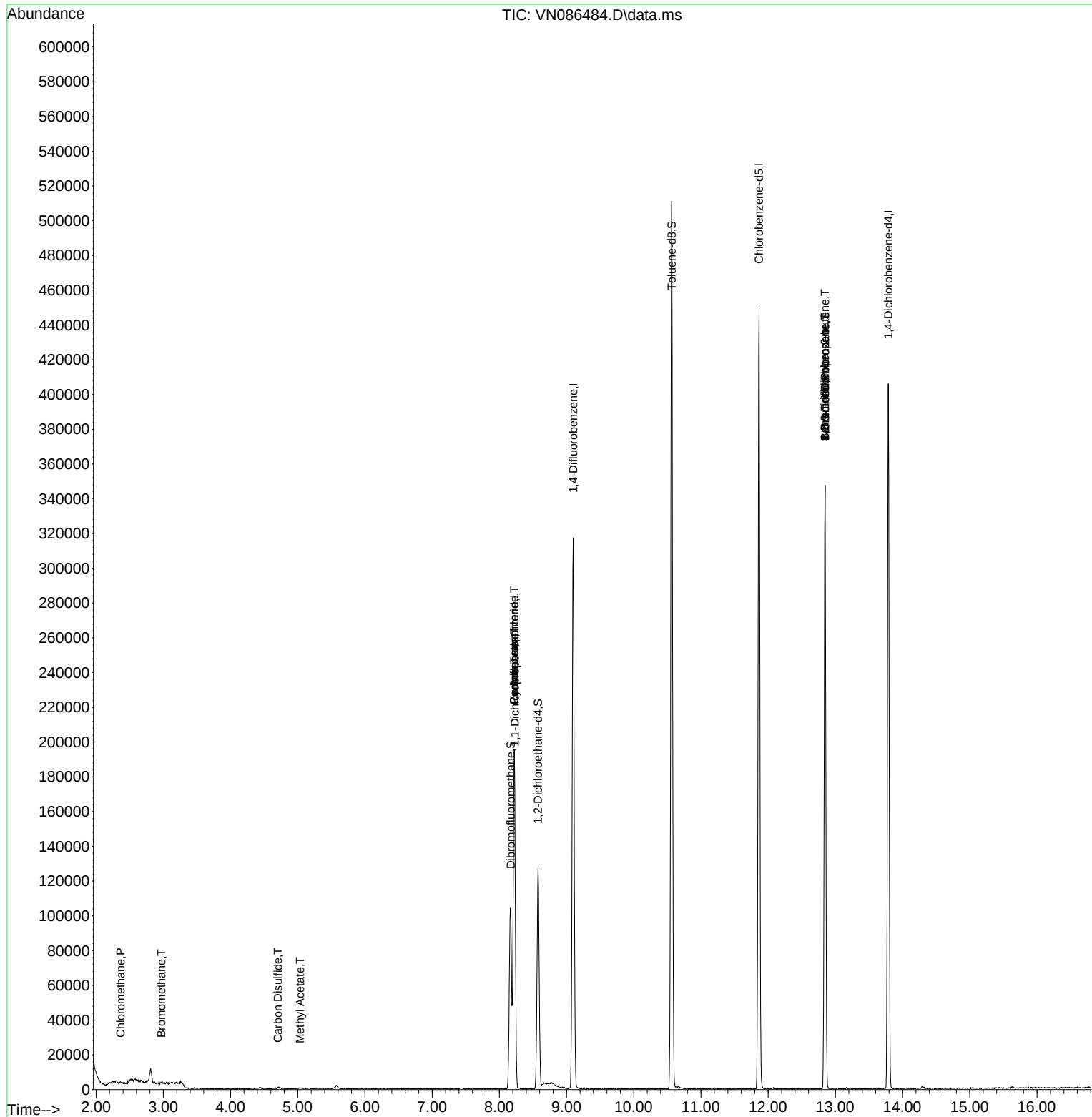
Internal Standards						
1) Pentafluorobenzene	8.224	168	144594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
3) Chloromethane	2.365	50	1107	0.444	ug/l #	71
5) Bromomethane	2.971	94	450	0.421	ug/l #	64
16) Acetone	4.430	43	1829	Below Cal		94
17) Carbon Disulfide	4.706	76	1237	0.243	ug/l #	74
18) Methyl Acetate	5.036	43	897	0.356	ug/l #	51
31) Cyclohexane	8.224	56	3282	0.966	ug/l #	22
36) 1,1-Dichloropropene	8.229	75	11892	4.604	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14805	6.019	ug/l #	16
43) Isopropyl Acetate	8.671	43	2812	Below Cal	#	55
71) Bromoform	12.847	173	748	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62658	23.966	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62658	57.556	ug/l #	10

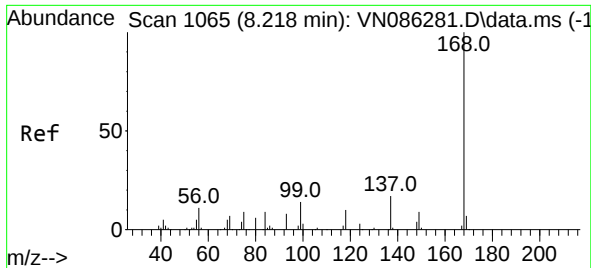
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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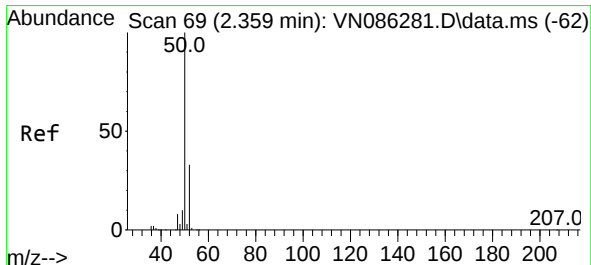
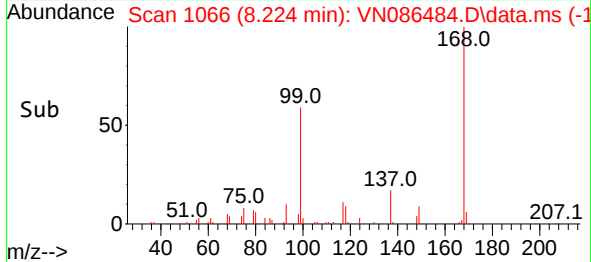
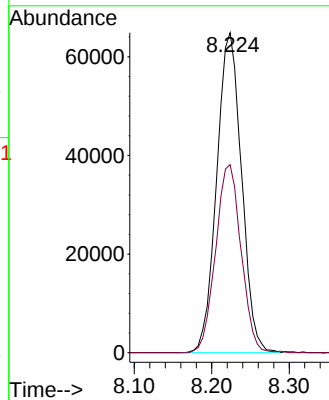
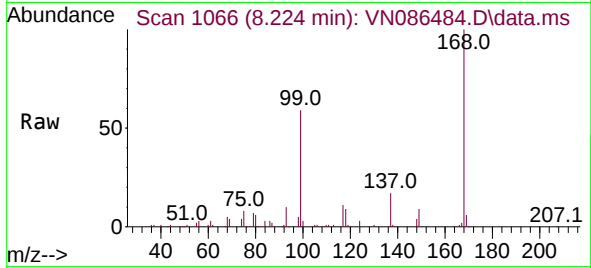




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

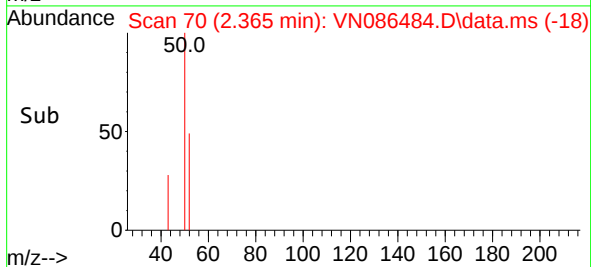
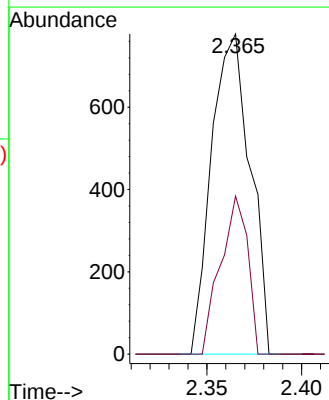
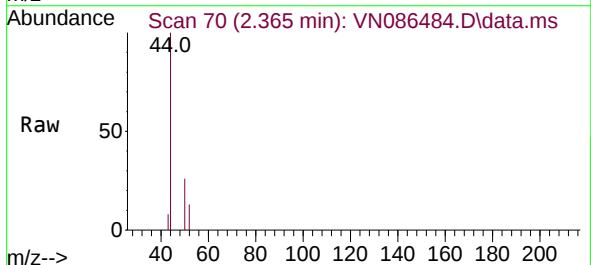
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

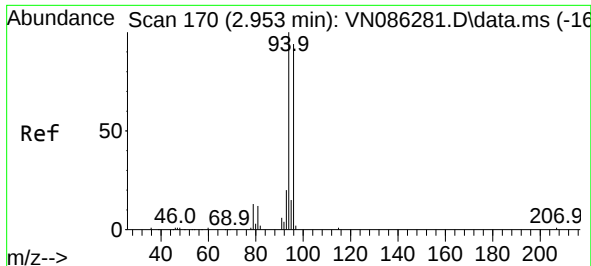
Tgt Ion:168 Resp: 144594
Ion Ratio Lower Upper
168 100
99 58.8 52.5 78.7



#3
Chloromethane
Concen: 0.444 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion: 50 Resp: 1107
Ion Ratio Lower Upper
50 100
52 49.4 26.5 39.7#

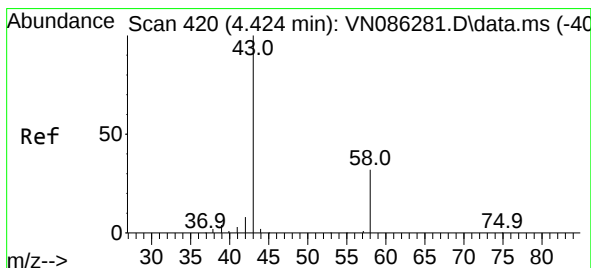
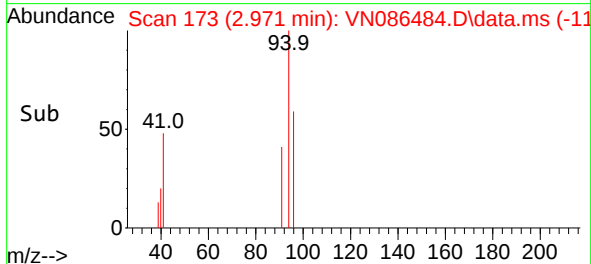
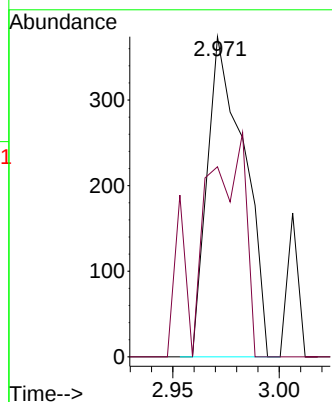
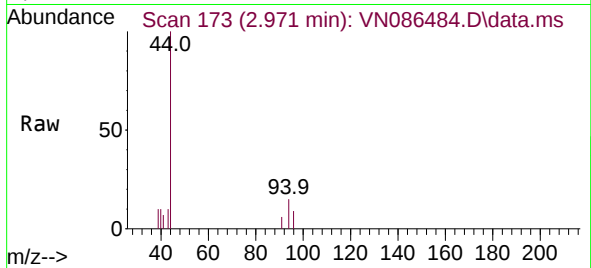




#5
Bromomethane
Concen: 0.421 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

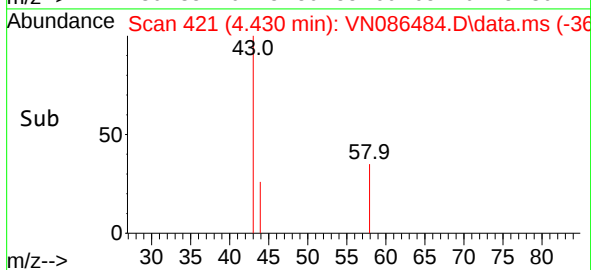
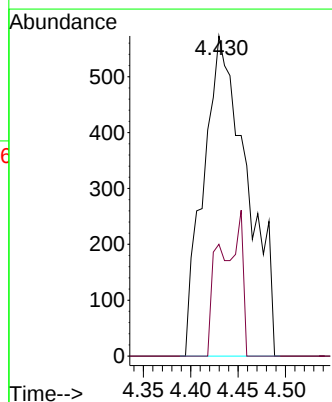
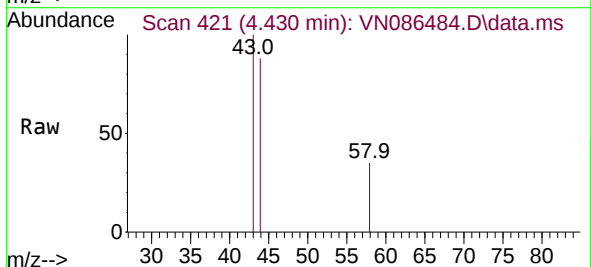
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

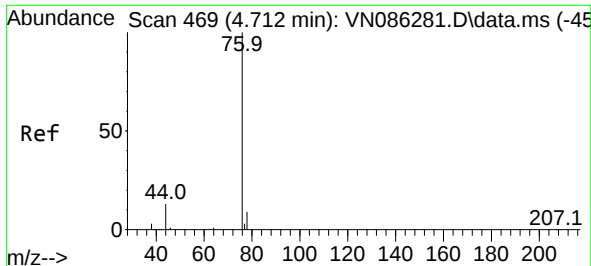
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 59.4 75.2 112.8#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion: 43 Resp: 1829
Ion Ratio Lower Upper
43 100
58 34.9 25.3 37.9

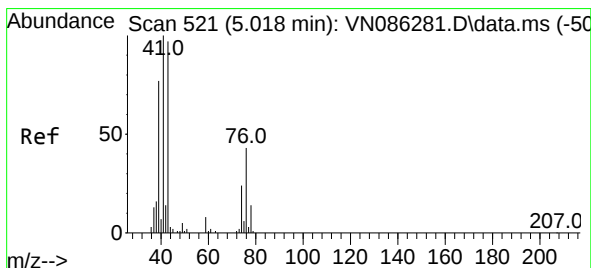
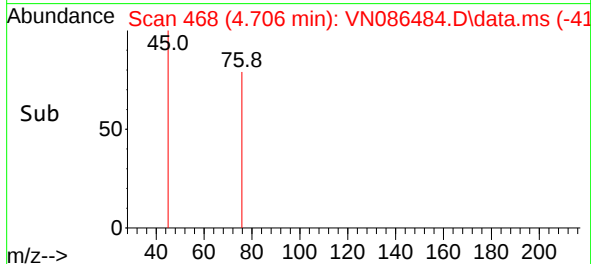
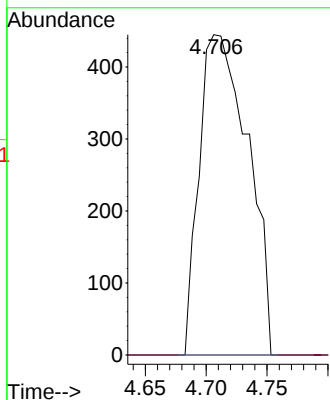
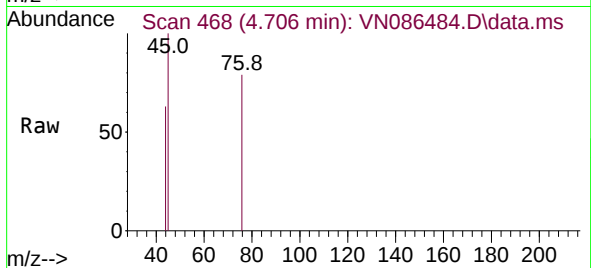




#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

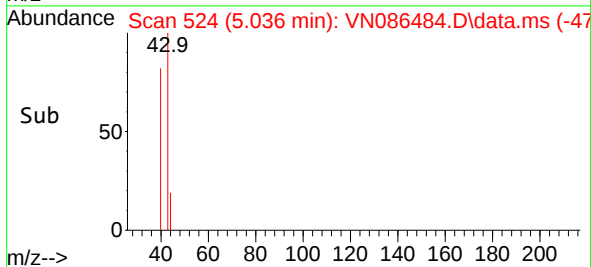
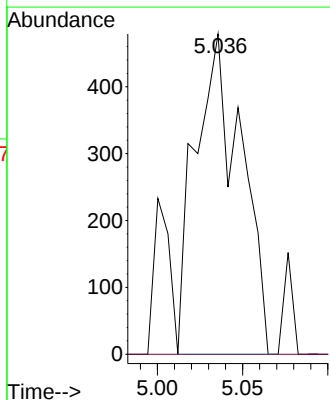
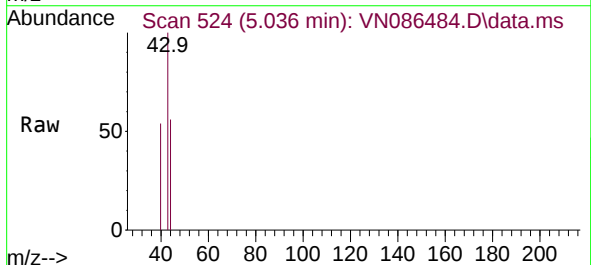
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

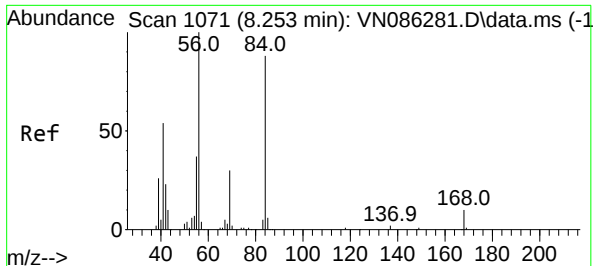
Tgt Ion: 76 Resp: 1237
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: 0.356 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.017 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

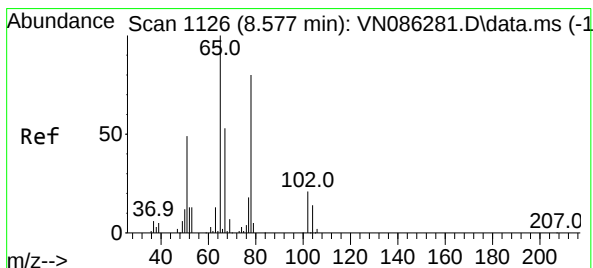
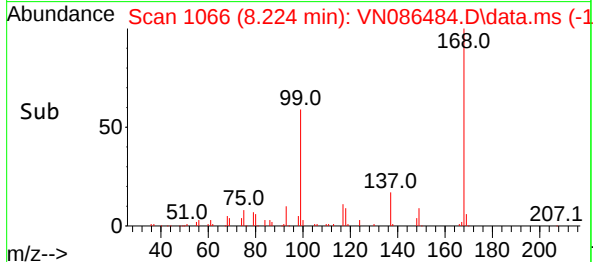
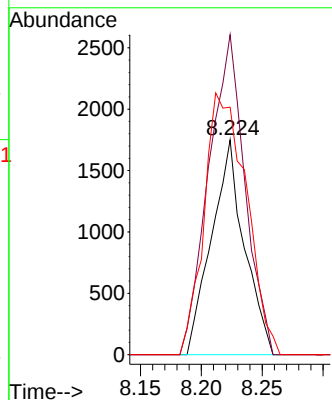
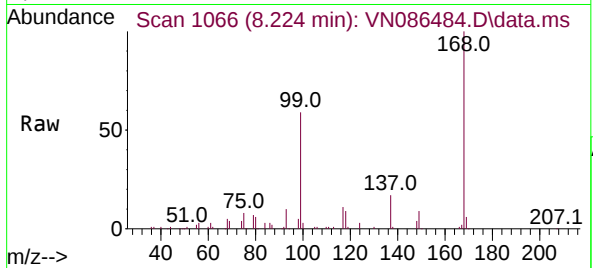




#31
Cyclohexane
Concen: 0.966 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

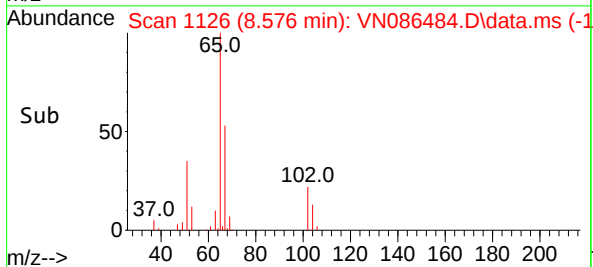
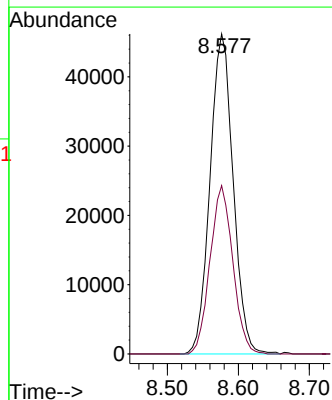
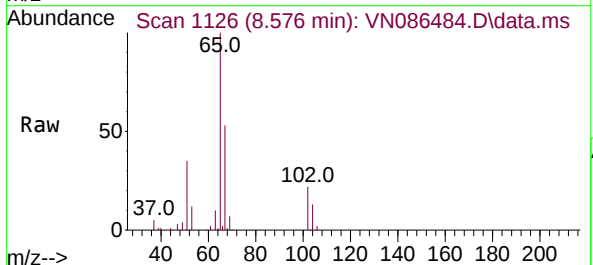
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

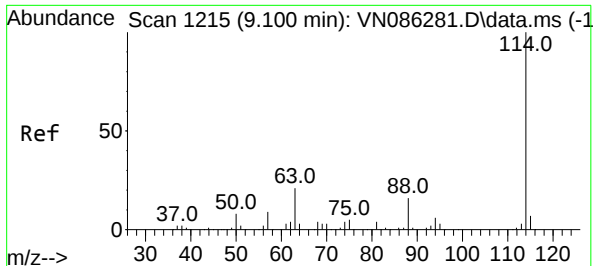
Tgt Ion: 56 Resp: 3282
Ion Ratio Lower Upper
56 100
69 148.9 24.2 36.2#
84 115.1 70.3 105.5#



#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

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

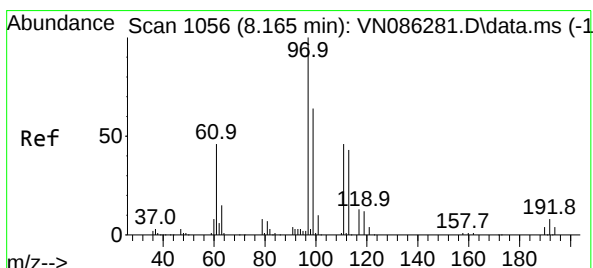
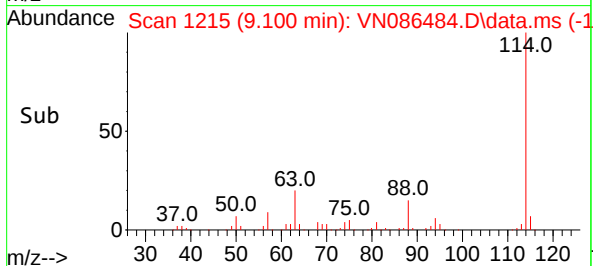
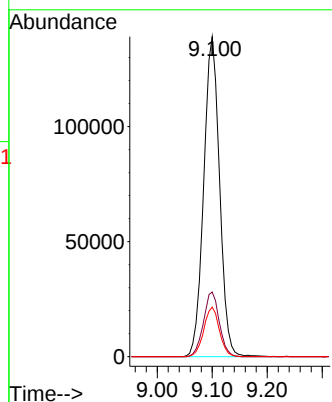
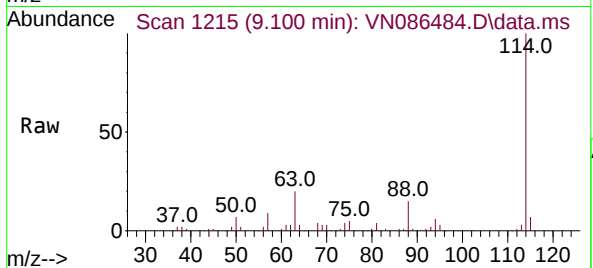
Tgt Ion:114 Resp: 278622

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

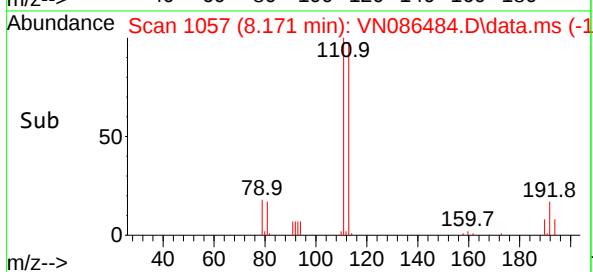
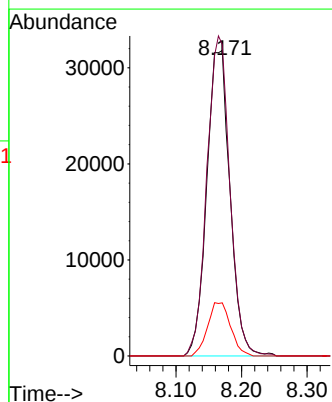
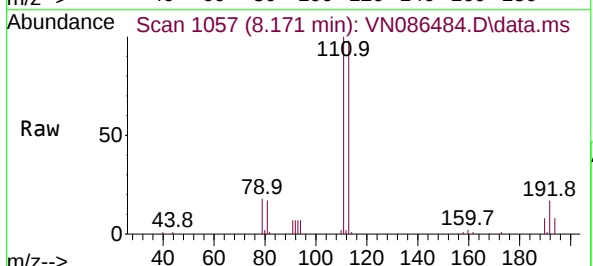
Tgt Ion:113 Resp: 78889

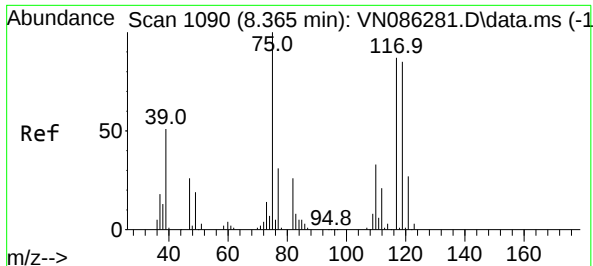
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

192 17.2 13.7 20.5

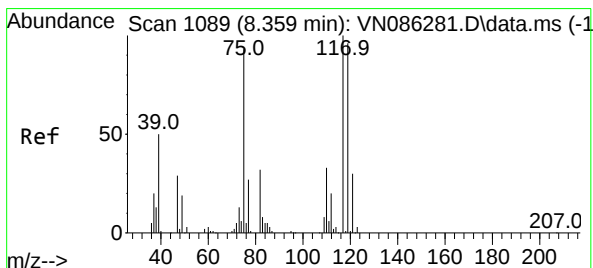
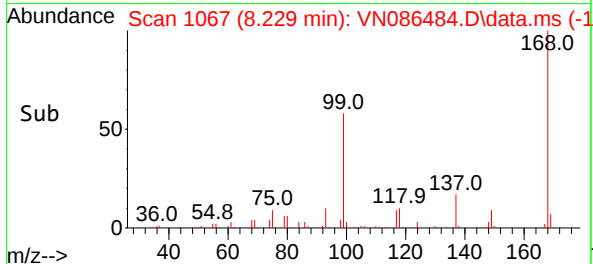
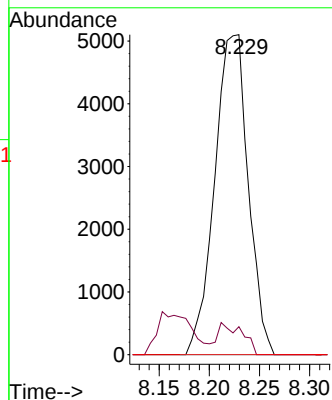
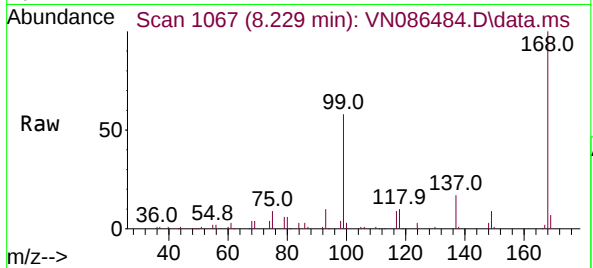




#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

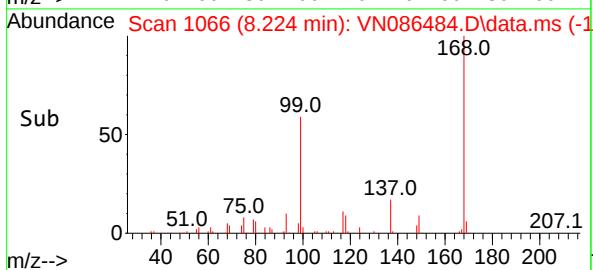
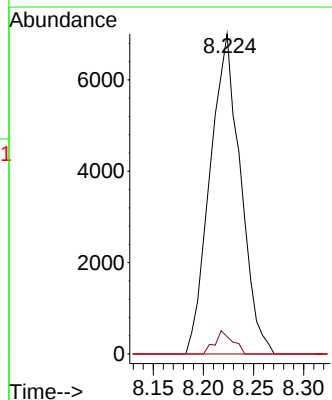
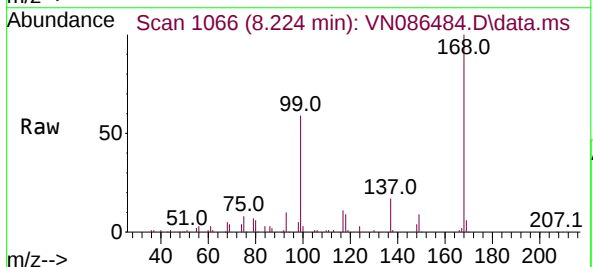
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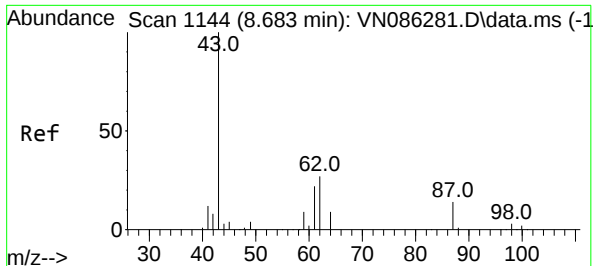
Tgt Ion: 75 Resp: 11892
Ion Ratio Lower Upper
75 100
110 7.3 16.8 50.4#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.019 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion: 117 Resp: 14805
Ion Ratio Lower Upper
117 100
119 5.4 76.8 115.2#
121 0.0 23.8 35.8#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.671 min Scan# 1144

Delta R.T. -0.012 min

Lab File: VN086484.D

Acq: 05 May 2025 14:24

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

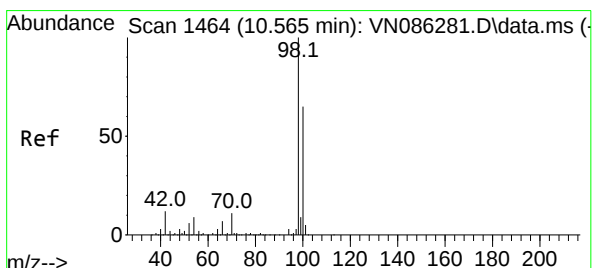
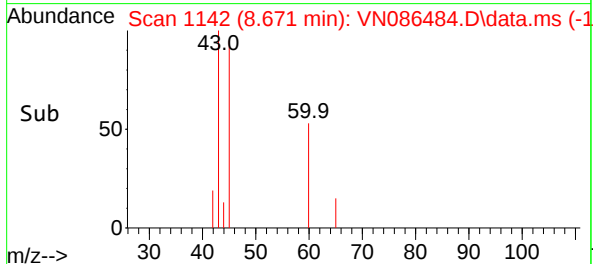
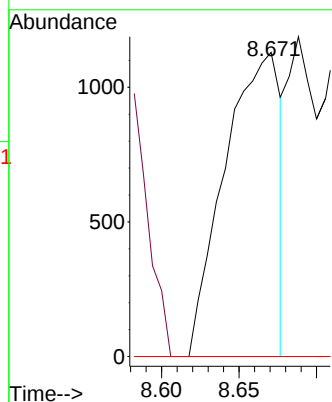
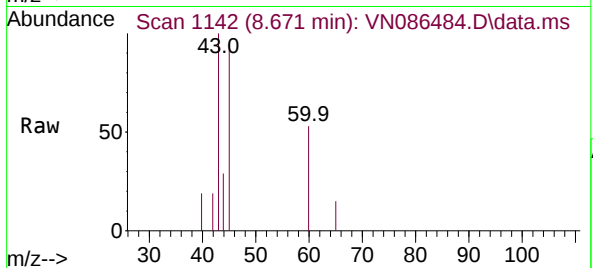
Tgt Ion: 43 Resp: 2812

Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

87 0.0 10.5 15.7#



#50

Toluene-d8

Concen: 51.548 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086484.D

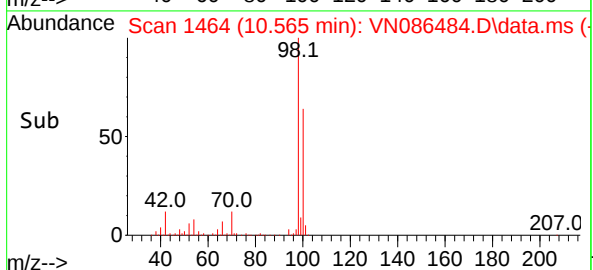
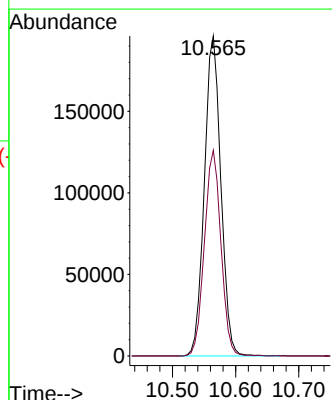
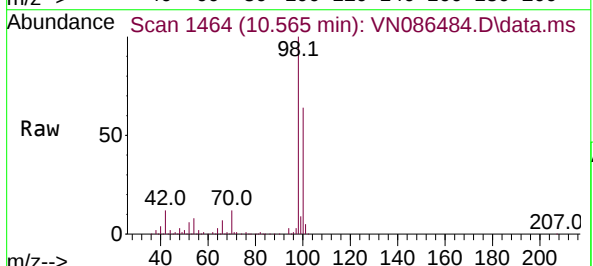
Acq: 05 May 2025 14:24

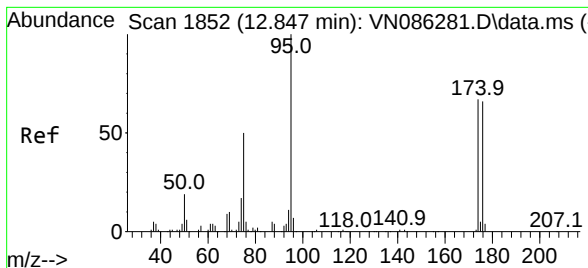
Tgt Ion: 98 Resp: 356252

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7

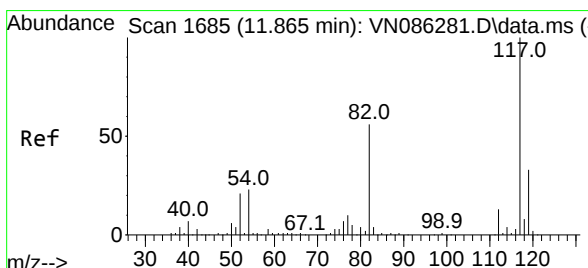
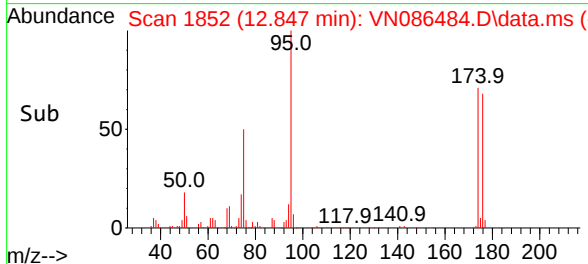
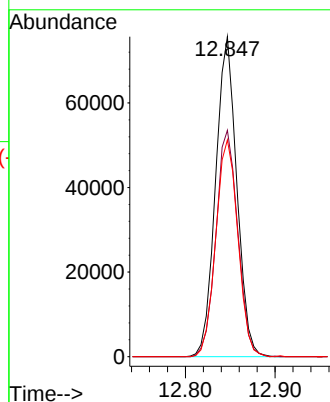
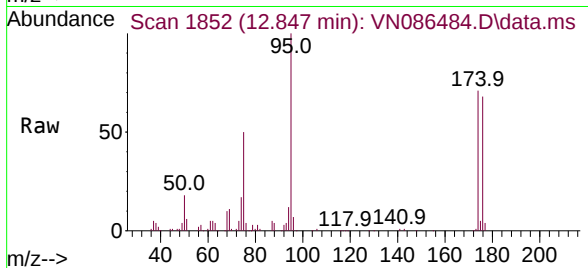




#62
4-Bromofluorobenzene
Concen: 49.199 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

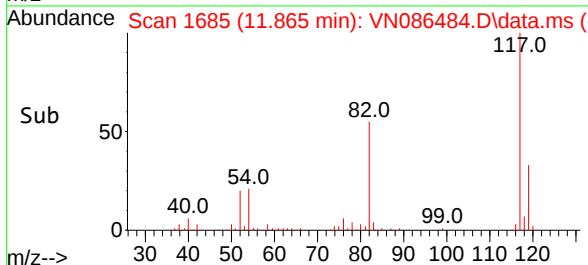
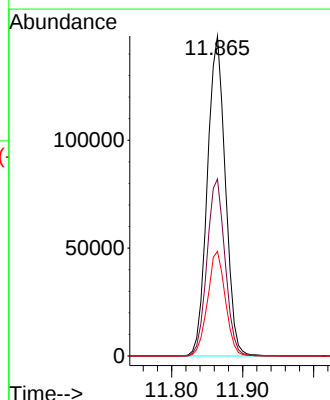
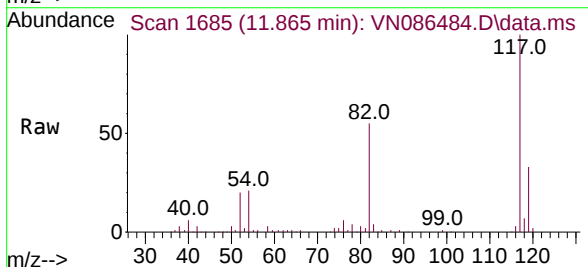
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

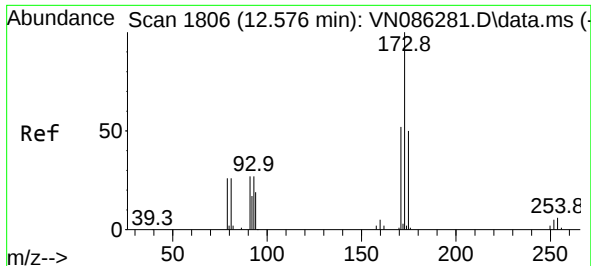
Tgt Ion: 95 Resp: 124018
Ion Ratio Lower Upper
95 100
174 72.9 0.0 133.4
176 70.6 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

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

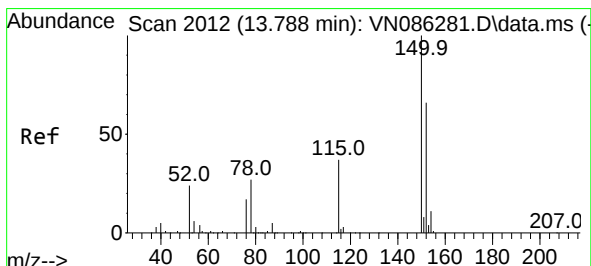
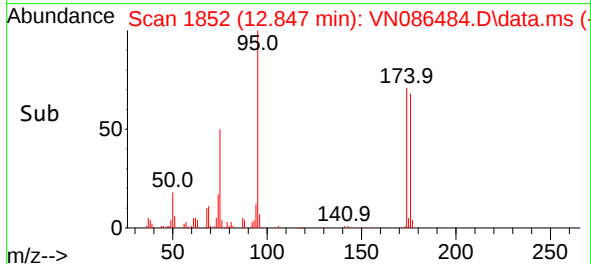
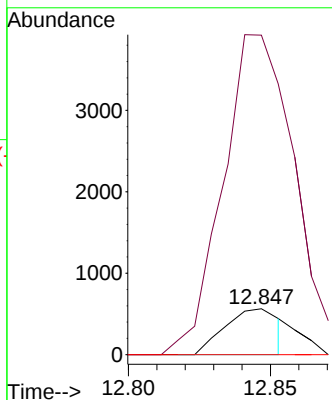
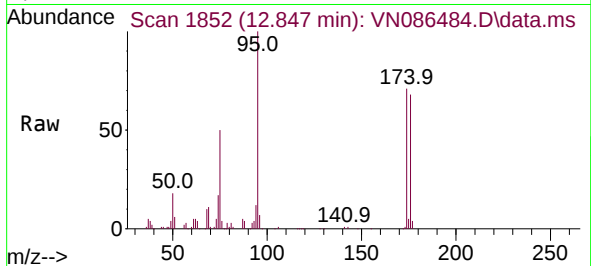




#71
Bromoform
Concen: 0.517 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

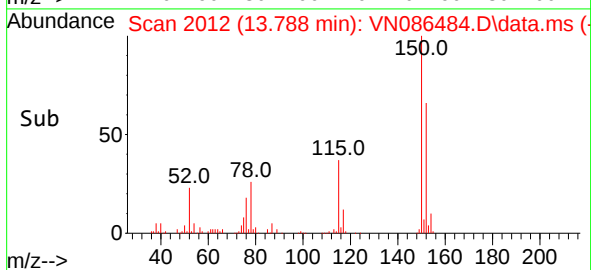
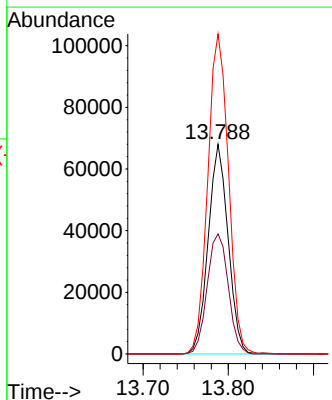
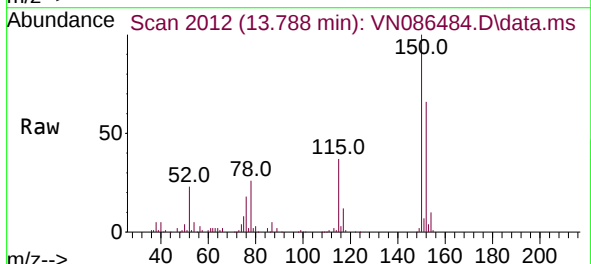
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

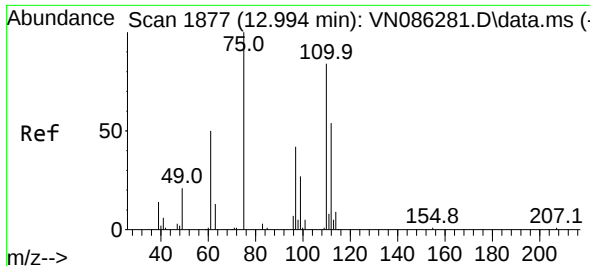
Tgt Ion:173 Resp: 748
Ion Ratio Lower Upper
173 100
175 732.8 24.6 73.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
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

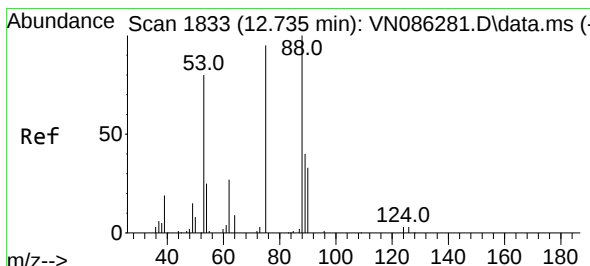
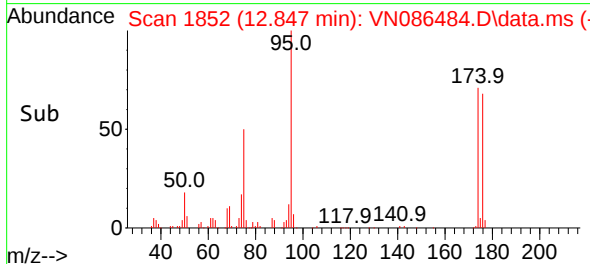
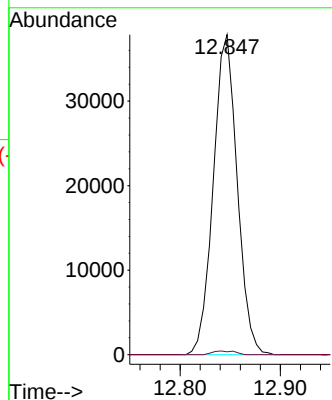
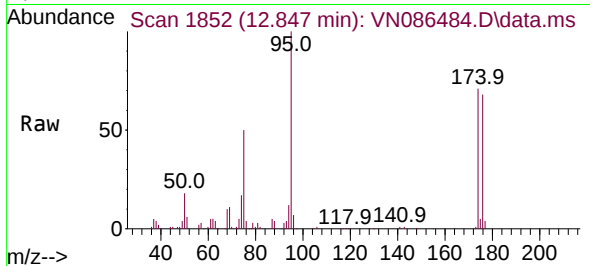




#76
1,2,3-Trichloropropane
Concen: 23.966 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

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

Tgt Ion: 75 Resp: 62658
Ion Ratio Lower Upper
75 100
77 1.1 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.556 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086484.D
Acq: 05 May 2025 14:24

Tgt Ion: 75 Resp: 62658
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

