

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086485.D
 Acq On : 05 May 2025 14:48
 Operator : JC\MD
 Sample : Q1942-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 06 01:45:01 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)

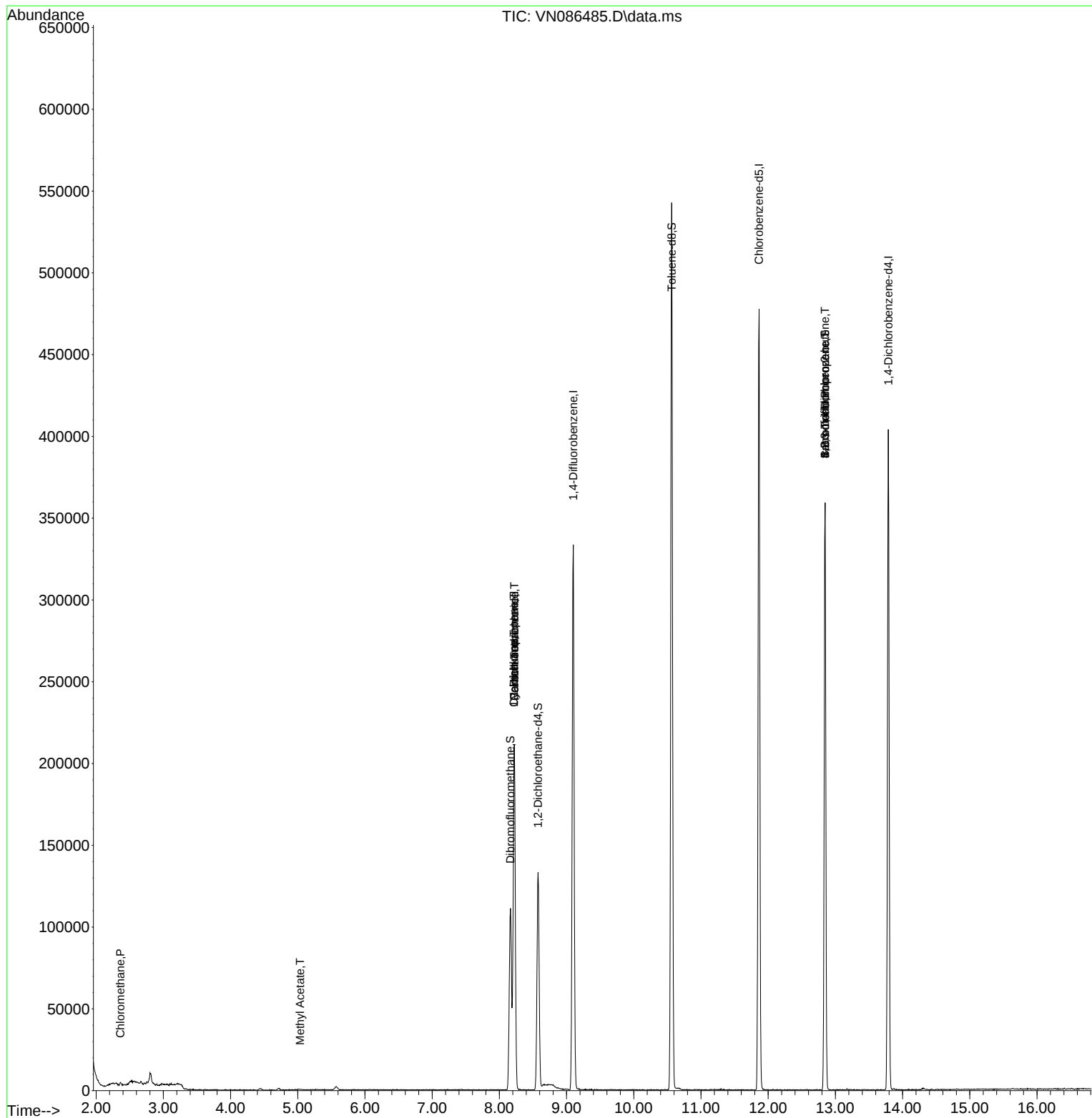
Internal Standards						
1) Pentafluorobenzene	8.224	168	155937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109570	48.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.920%		
35) Dibromofluoromethane	8.165	113	83691	61.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	123.480%		
50) Toluene-d8	10.565	98	375539	51.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.680%		
62) 4-Bromofluorobenzene	12.847	95	128565	48.657	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.320%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1744	0.649	ug/l	99
16) Acetone	4.448	43	1744	Below Cal		96
18) Methyl Acetate	5.036	43	1038	0.382	ug/l #	51
31) Cyclohexane	8.218	56	3913	1.068	ug/l #	13
36) 1,1-Dichloropropene	8.218	75	12692	4.688	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16148	6.263	ug/l #	15
43) Isopropyl Acetate	8.671	43	3199	Below Cal	#	55
71) Bromoform	12.847	173	752	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66604	25.361	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66604	60.907	ug/l #	10

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

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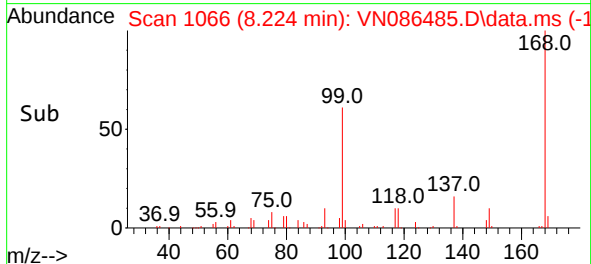
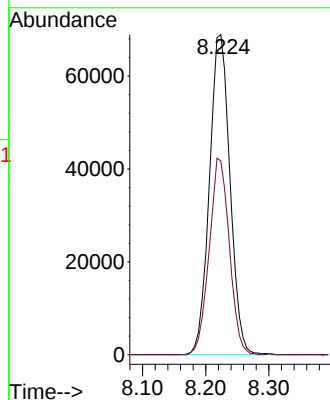
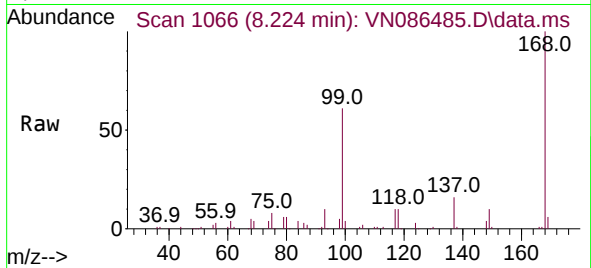




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

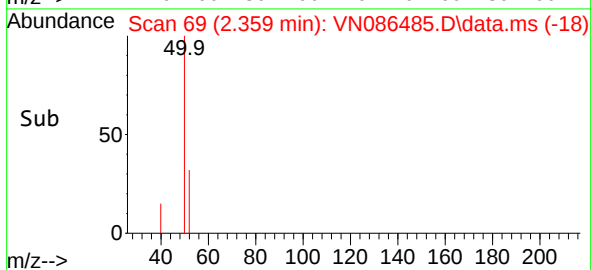
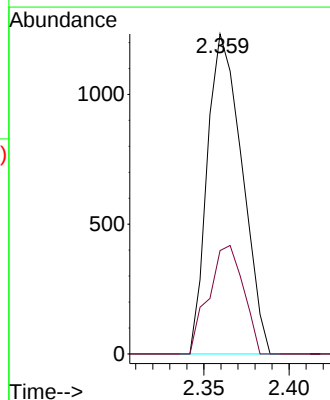
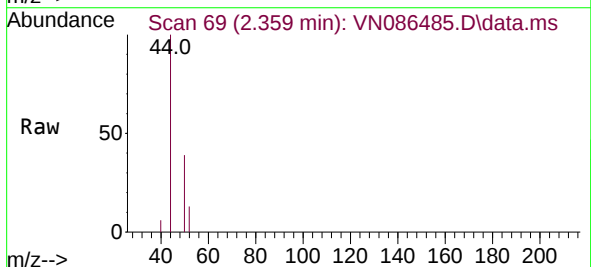
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

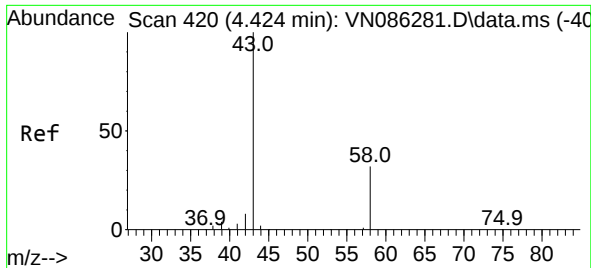
Tgt Ion:168 Resp: 155937
Ion Ratio Lower Upper
168 100
99 60.6 52.5 78.7



#3
Chloromethane
Concen: 0.649 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

Tgt Ion: 50 Resp: 1744
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

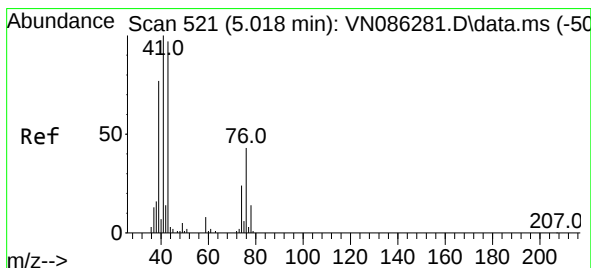
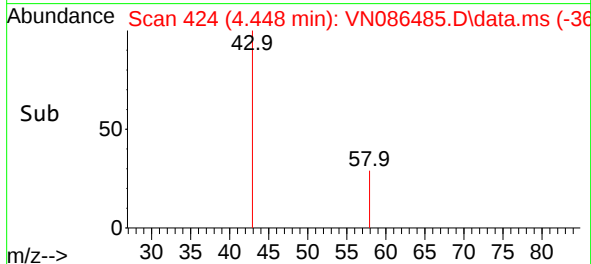
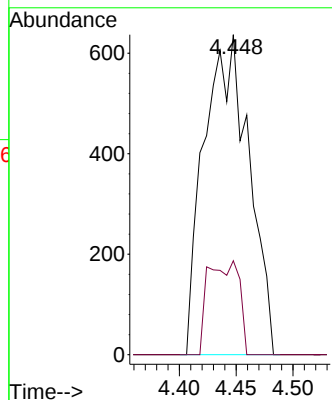
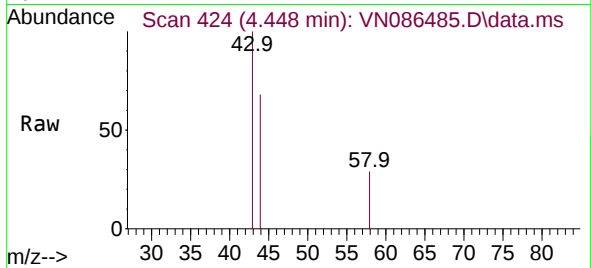




#16
Acetone
Concen: Below Cal
RT: 4.448 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

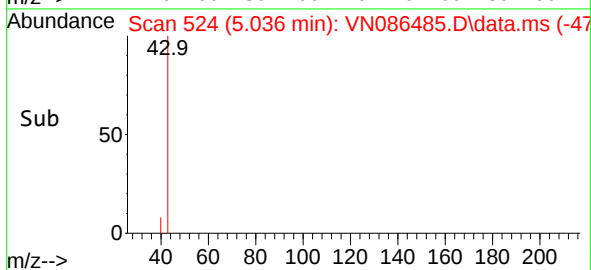
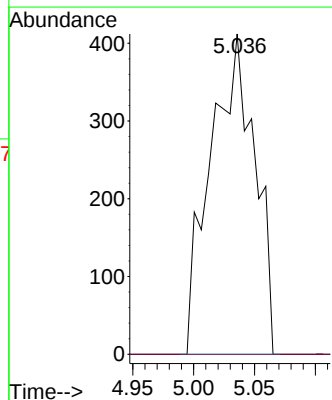
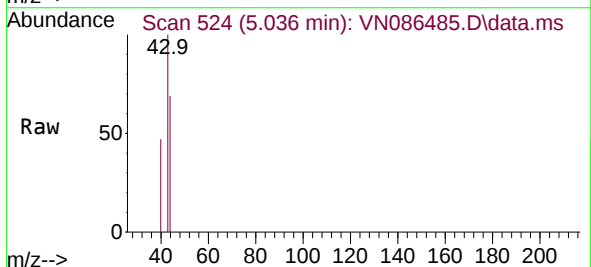
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

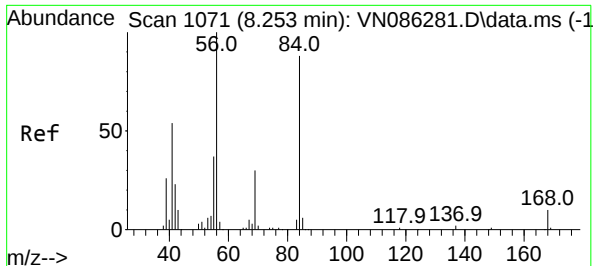
Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
58 29.4 25.3 37.9



#18
Methyl Acetate
Concen: 0.382 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

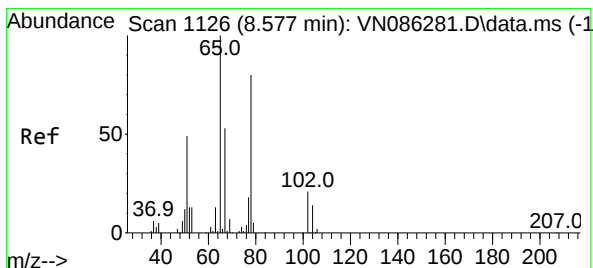
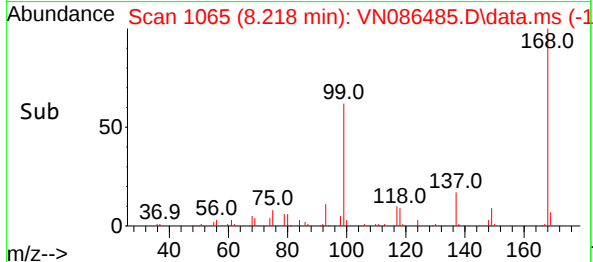
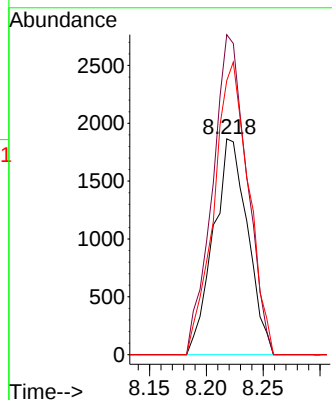
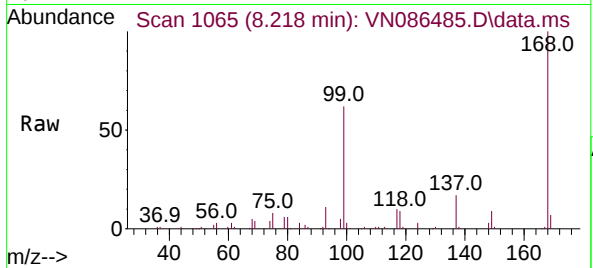




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

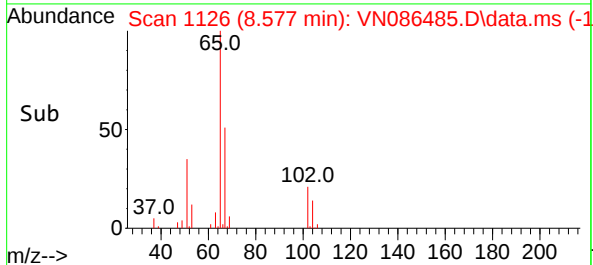
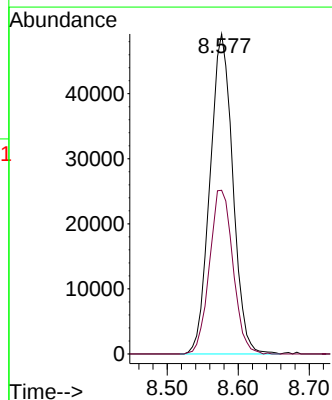
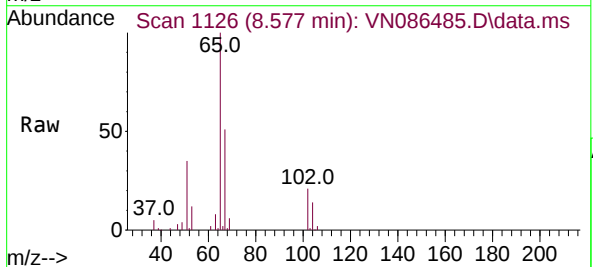
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

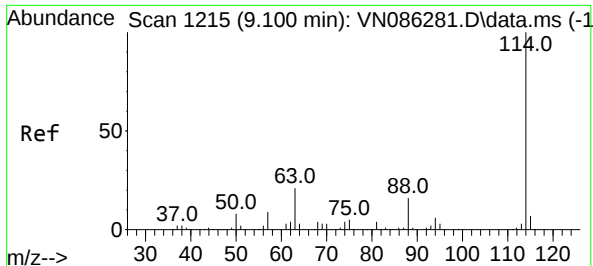
Tgt Ion: 56 Resp: 3913
Ion Ratio Lower Upper
56 100
69 148.2 24.2 36.2#
84 127.0 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 48.456 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

Tgt Ion: 65 Resp: 109570
Ion Ratio Lower Upper
65 100
67 52.7 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: VN086485.D

Acq: 05 May 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

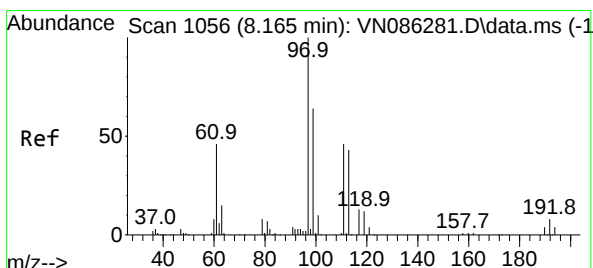
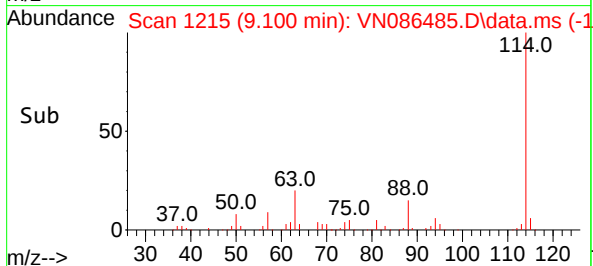
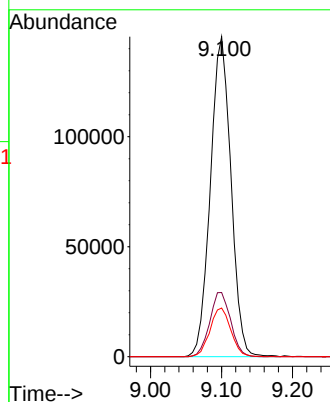
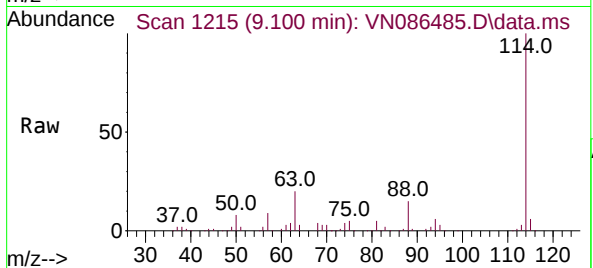
Tgt Ion:114 Resp: 292056

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.743 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086485.D

Acq: 05 May 2025 14:48

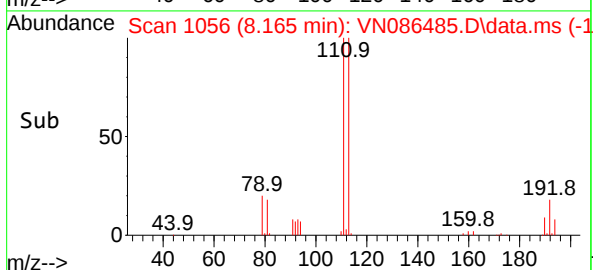
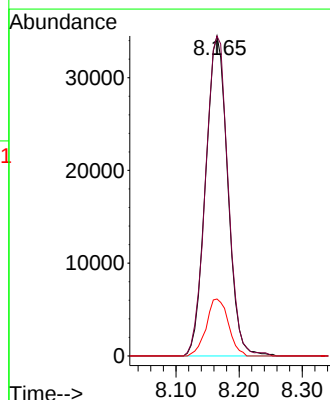
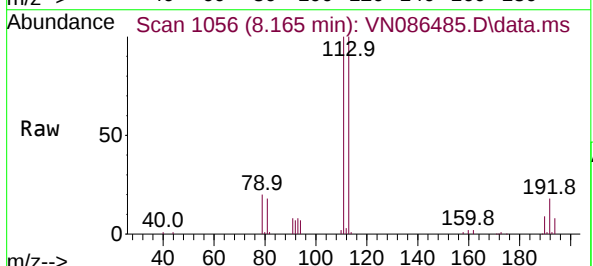
Tgt Ion:113 Resp: 83691

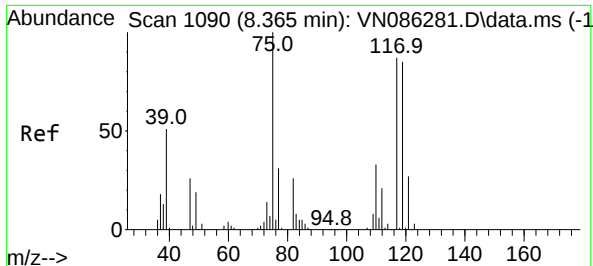
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.0

192 17.9 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.688 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086485.D

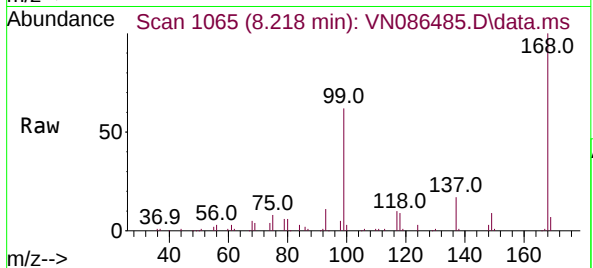
Acq: 05 May 2025 14:48

Instrument :

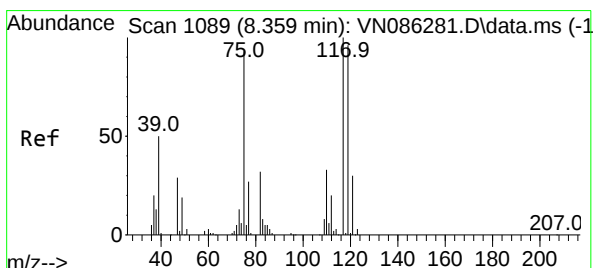
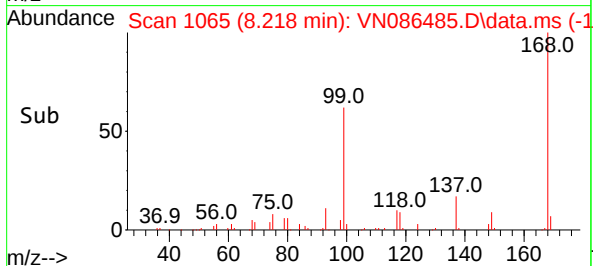
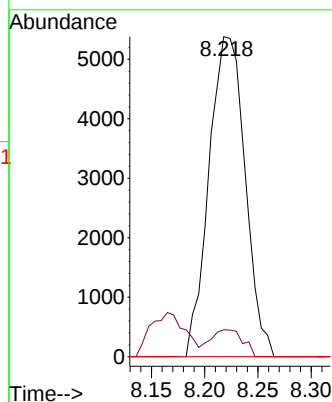
MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion:	75	Resp:	12692
Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.8	50.4#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 6.263 ug/l

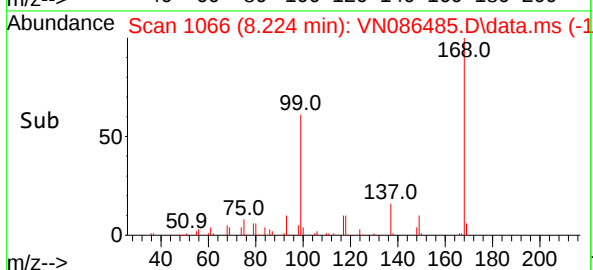
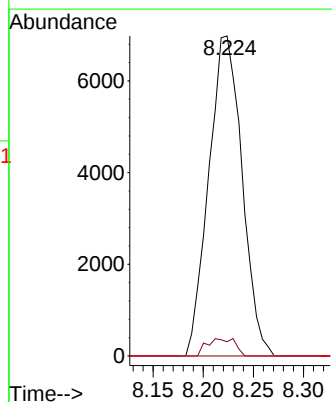
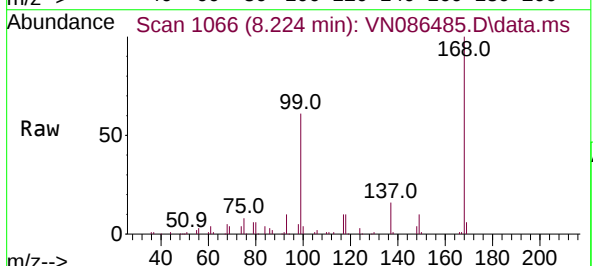
RT: 8.224 min Scan# 1066

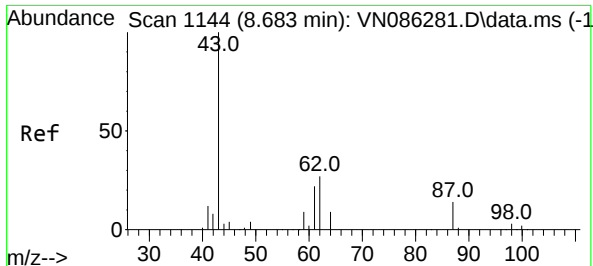
Delta R.T. -0.135 min

Lab File: VN086485.D

Acq: 05 May 2025 14:48

Tgt Ion:	117	Resp:	16148
Ion	Ratio	Lower	Upper
117	100		
119	4.5	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: VN086485.D

Acq: 05 May 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

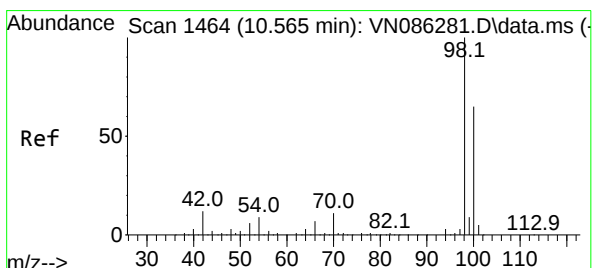
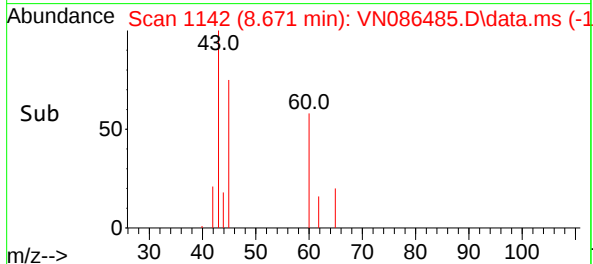
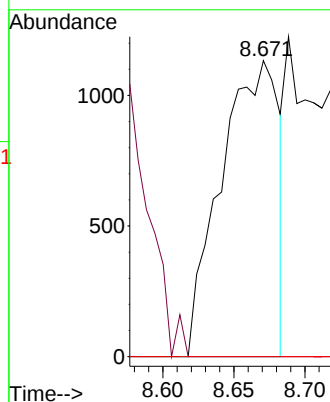
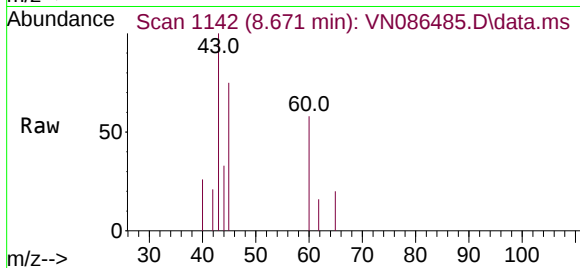
Tgt Ion: 43 Resp: 3199

Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

87 0.0 10.5 15.7#



#50

Toluene-d8

Concen: 51.839 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086485.D

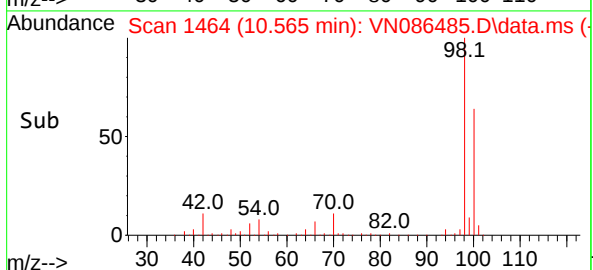
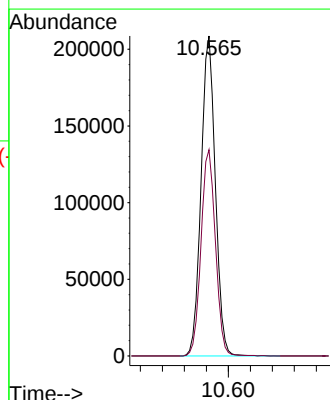
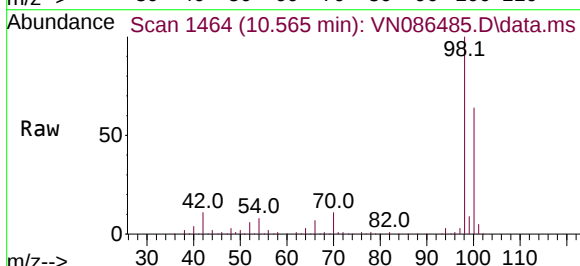
Acq: 05 May 2025 14:48

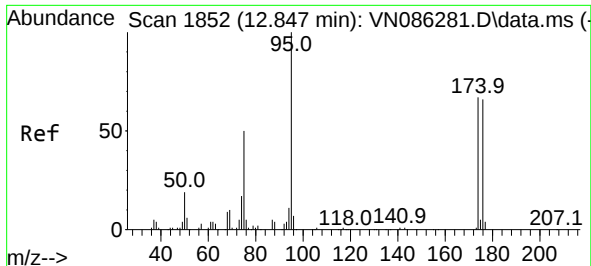
Tgt Ion: 98 Resp: 375539

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7

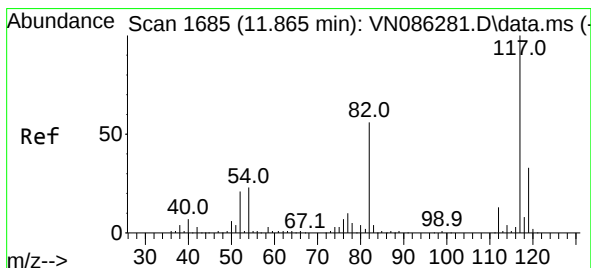
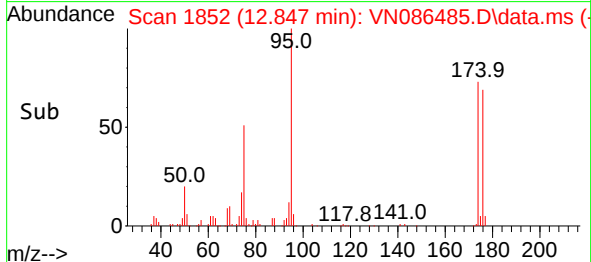
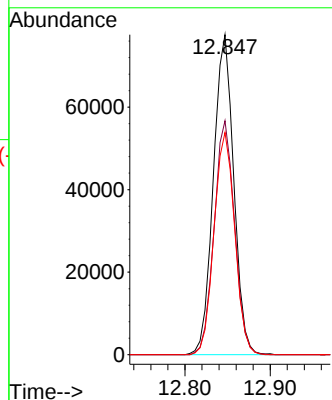
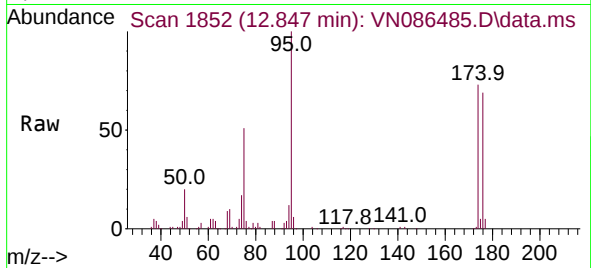




#62
4-Bromofluorobenzene
Concen: 48.657 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

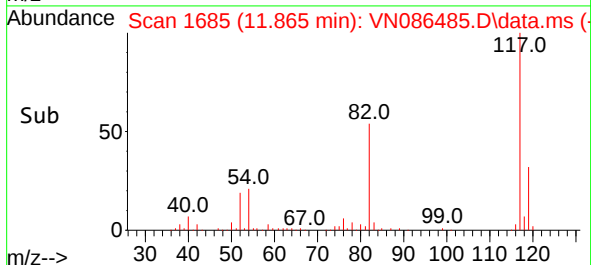
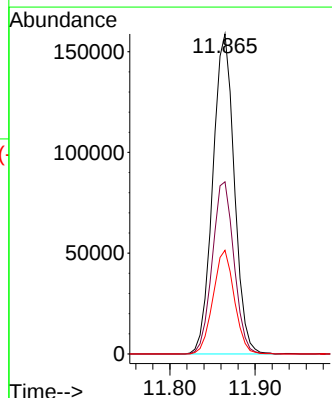
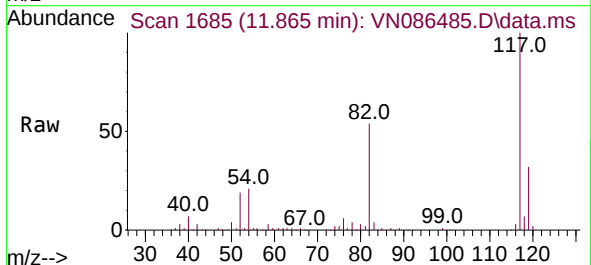
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

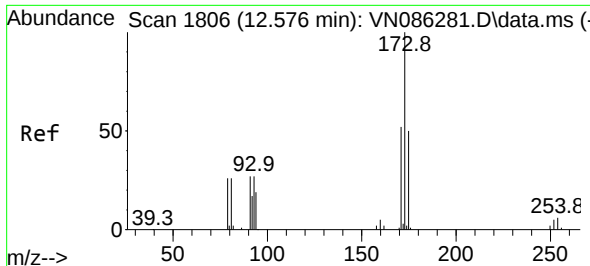
Tgt Ion: 95 Resp: 128565
Ion Ratio Lower Upper
95 100
174 73.3 0.0 133.4
176 70.6 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

Tgt Ion: 117 Resp: 278063
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 32.4 26.4 39.6

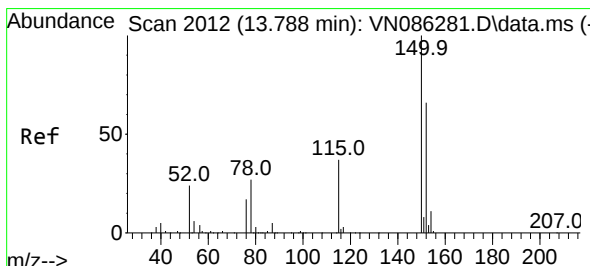
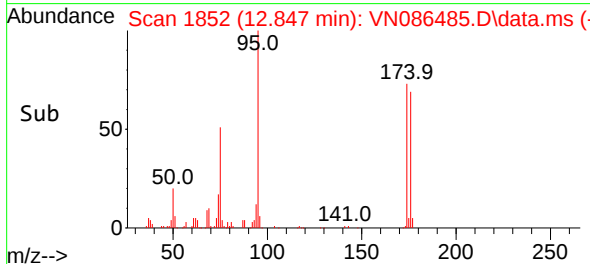
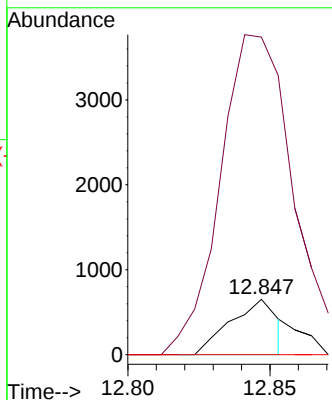
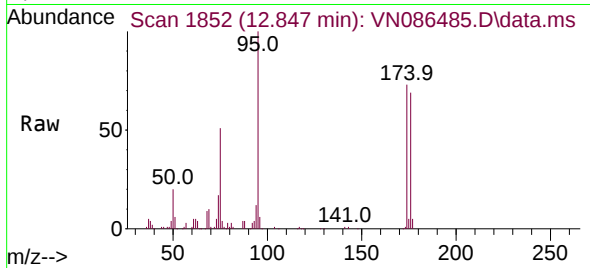




#71
Bromoform
Concen: 0.488 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

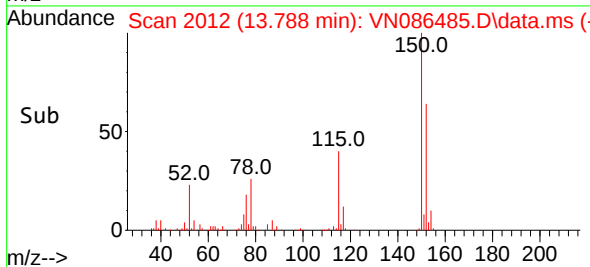
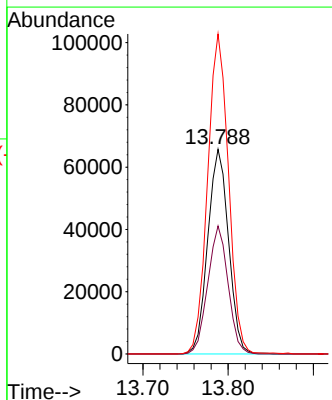
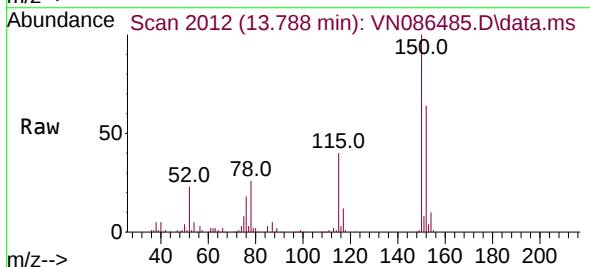
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

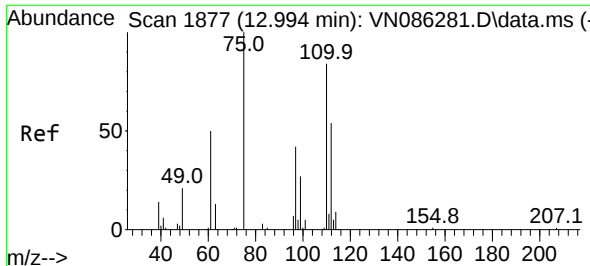
Tgt Ion:173 Resp: 752
Ion Ratio Lower Upper
173 100
175 732.0 24.6 73.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1202
Delta R.T. 0.000 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

Tgt Ion:152 Resp: 111289
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.9
150 157.0 0.0 352.0

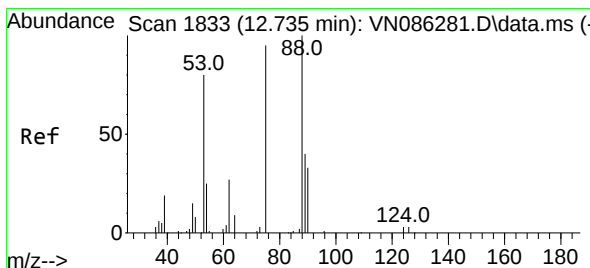
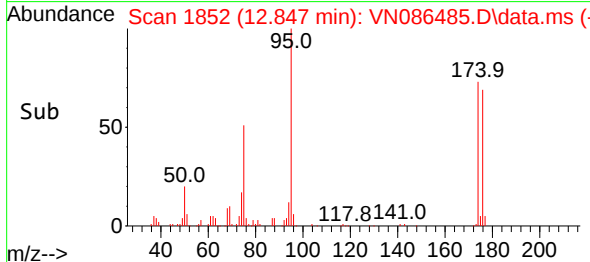
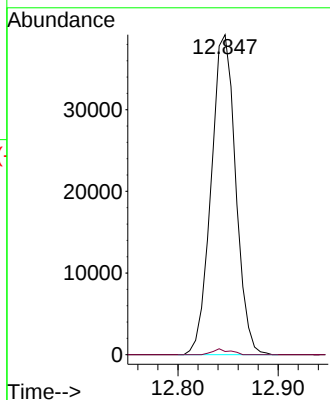
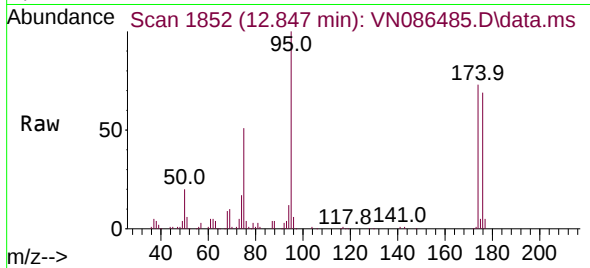




#76
1,2,3-Trichloropropane
Concen: 25.361 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 66604
Ion Ratio Lower Upper
75 100
77 1.3 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.907 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086485.D
Acq: 05 May 2025 14:48

Tgt Ion: 75 Resp: 66604
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

