

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086486.D
 Acq On : 05 May 2025 15:12
 Operator : JC\MD
 Sample : Q1942-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 06 01:45:11 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	146129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	105575	49.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.640%
35) Dibromofluoromethane	8.165	113	77587	60.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	121.320%
50) Toluene-d8	10.565	98	349276	51.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.847	95	119098	47.769	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.540%

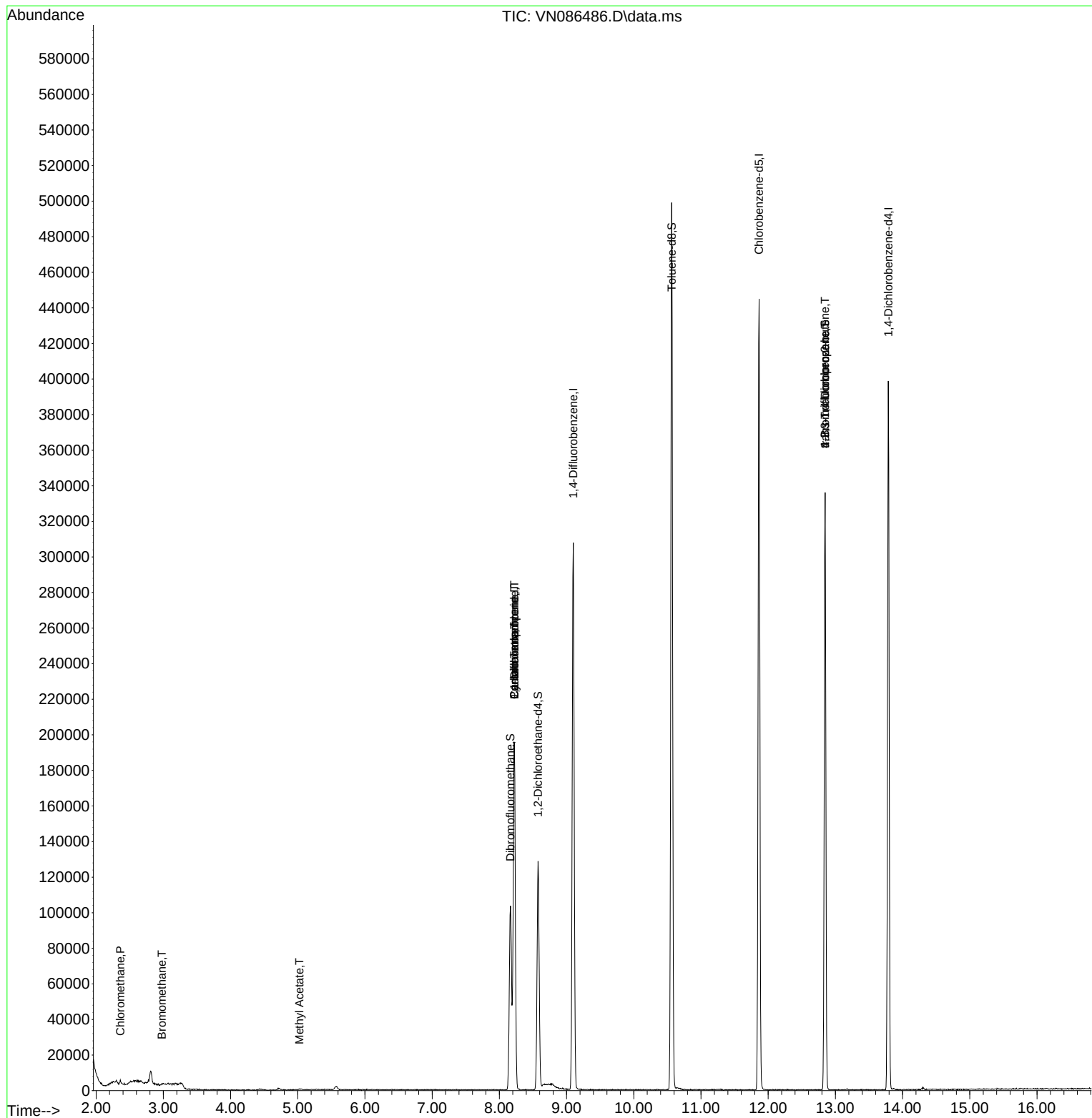
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	1533	0.609	ug/l #	85
5) Bromomethane	2.977	94	247	0.229	ug/l	99
16) Acetone	4.430	43	1405	Below Cal	#	66
18) Methyl Acetate	5.024	43	690	0.271	ug/l #	51
31) Cyclohexane	8.224	56	3287	0.957	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12047	4.716	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14707	6.045	ug/l #	16
43) Isopropyl Acetate	8.665	43	2815	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.847	75	59854	23.832	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59854	57.235	ug/l #	10

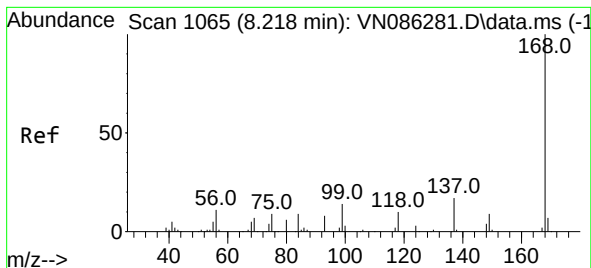
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086486.D
Acq On : 05 May 2025 15:12
Operator : JC\MD
Sample : Q1942-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: May 06 01:45:11 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN086486.D

Acq: 05 May 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

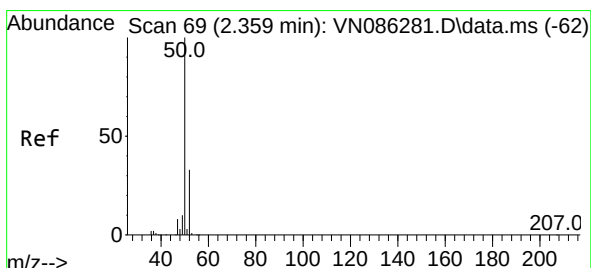
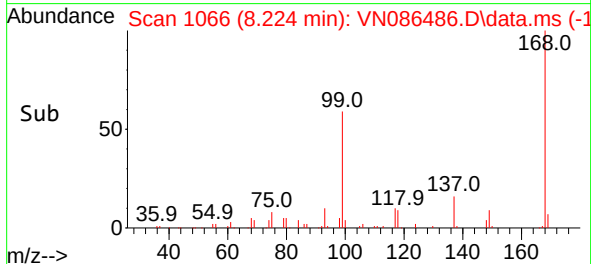
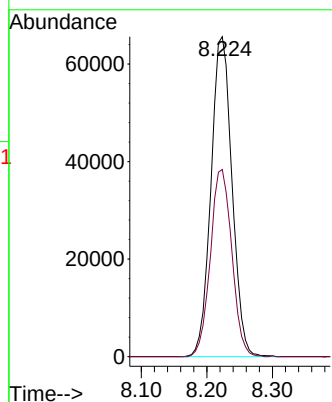
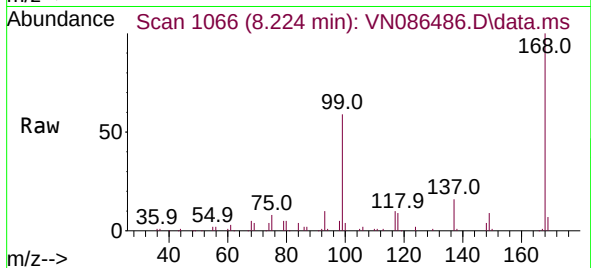
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 146129

Ion Ratio Lower Upper

168 100

99 58.5 52.5 78.7



#3

Chloromethane

Concen: 0.609 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN086486.D

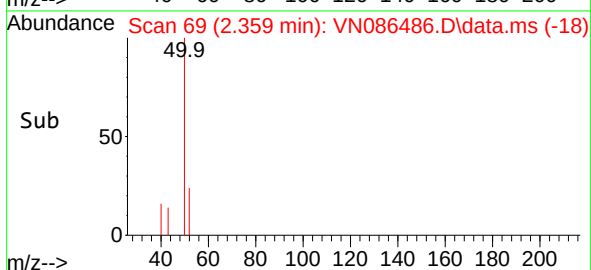
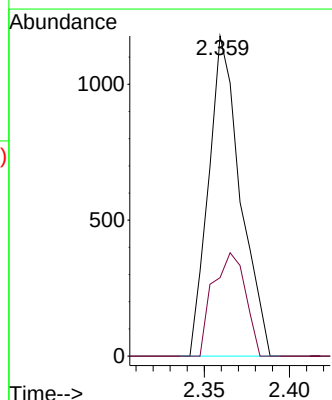
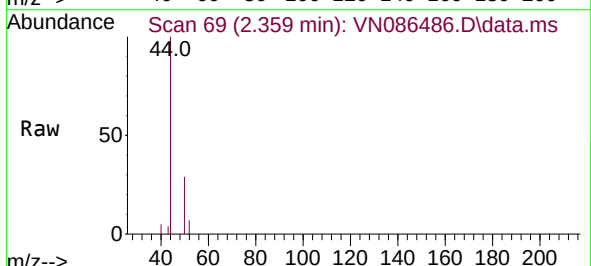
Acq: 05 May 2025 15:12

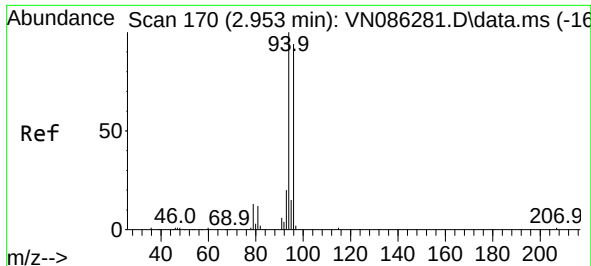
Tgt Ion: 50 Resp: 1533

Ion Ratio Lower Upper

50 100

52 24.4 26.5 39.7#

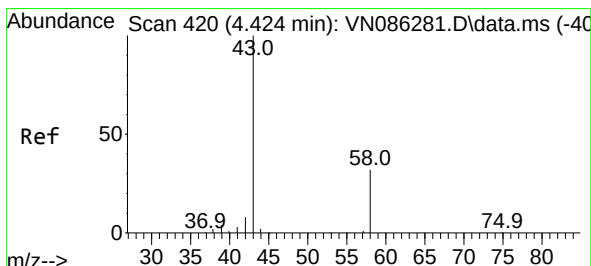
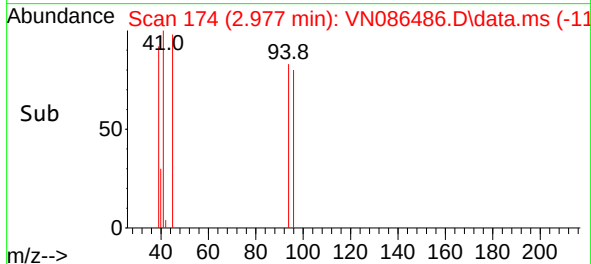
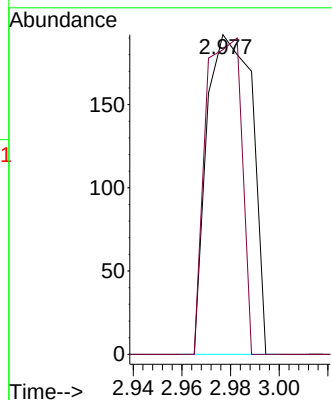
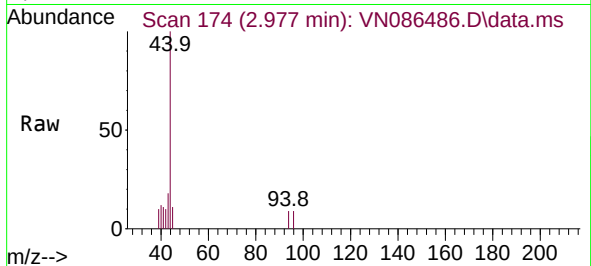




#5
Bromomethane
Concen: 0.229 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

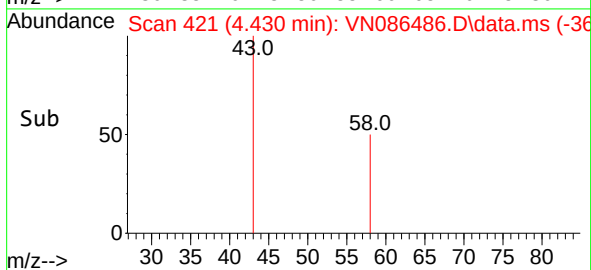
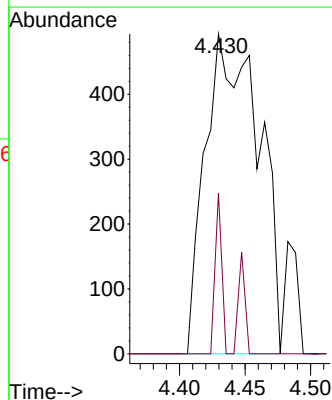
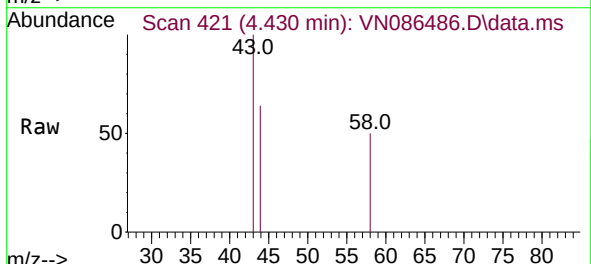
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

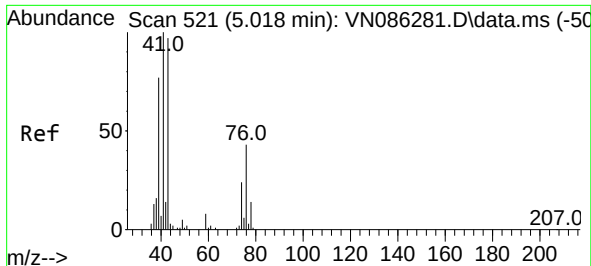
Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 95.3 75.2 112.8



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 50.3 25.3 37.9#

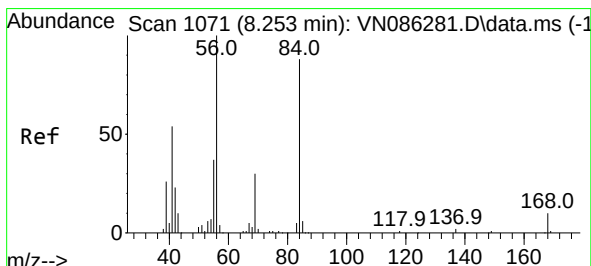
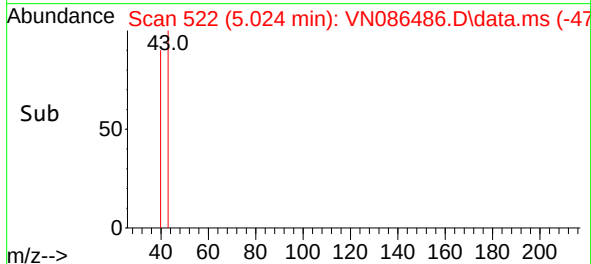
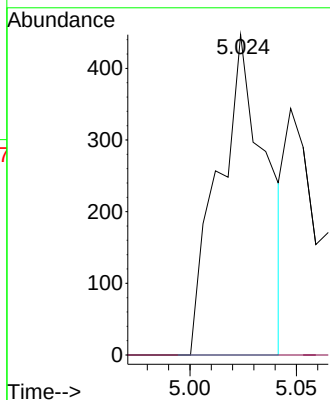
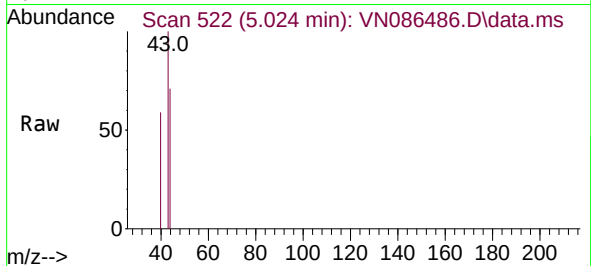




#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

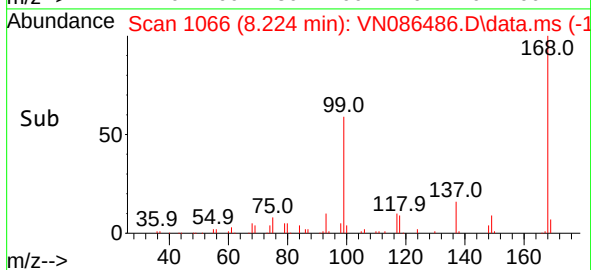
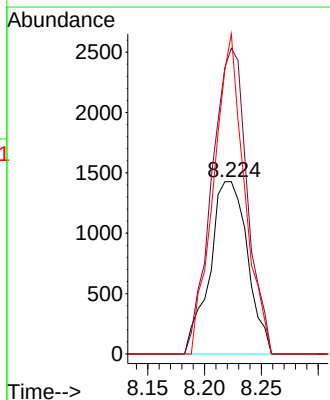
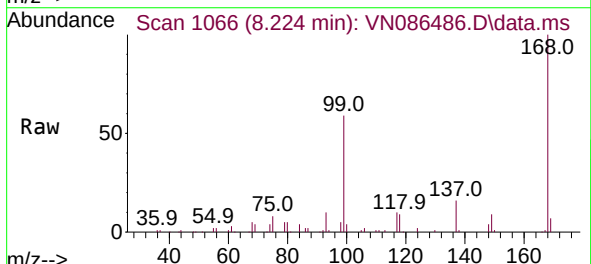
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

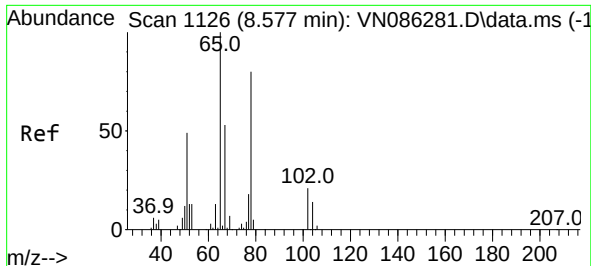
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#31
Cyclohexane
Concen: 0.957 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Tgt Ion: 56 Resp: 3287
Ion Ratio Lower Upper
56 100
69 177.5 24.2 36.2#
84 185.8 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 49.823 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086486.D

Acq: 05 May 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

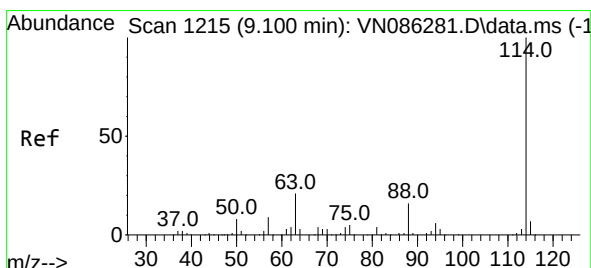
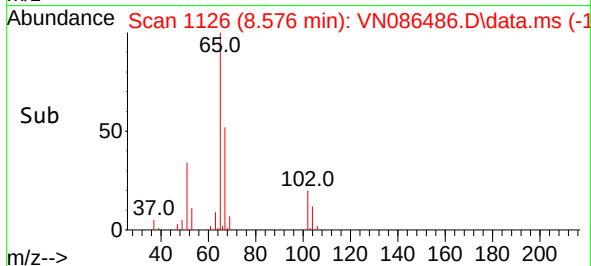
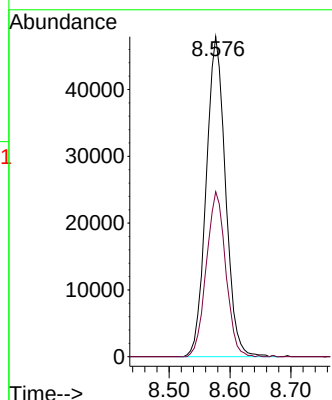
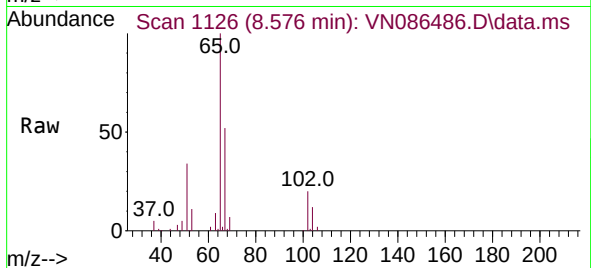
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 105575

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086486.D

Acq: 05 May 2025 15:12

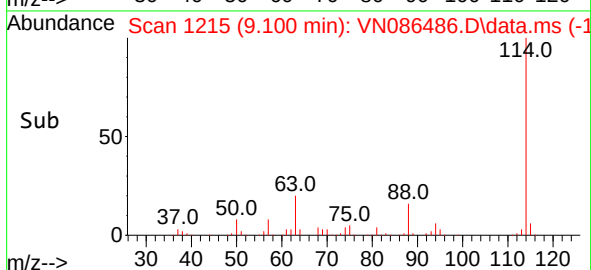
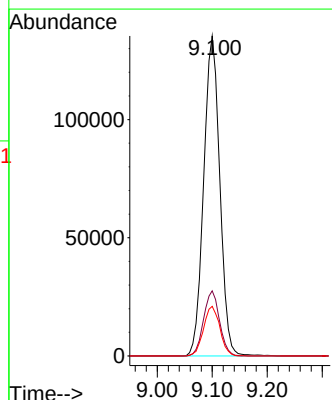
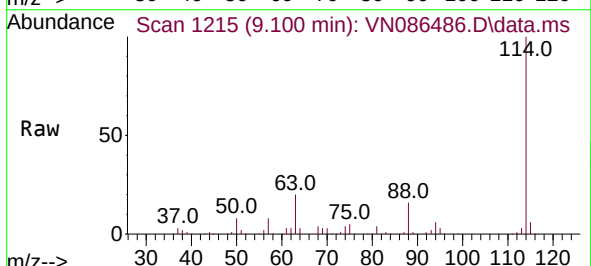
Tgt Ion: 114 Resp: 275576

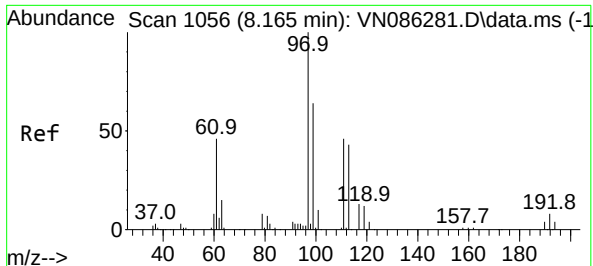
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.5 0.0 31.8

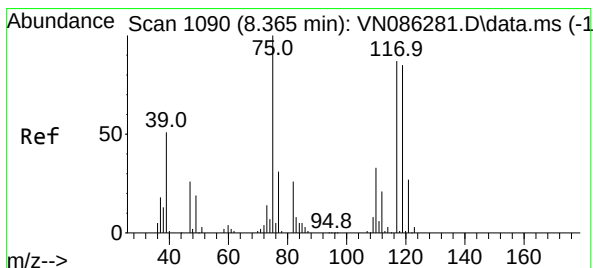
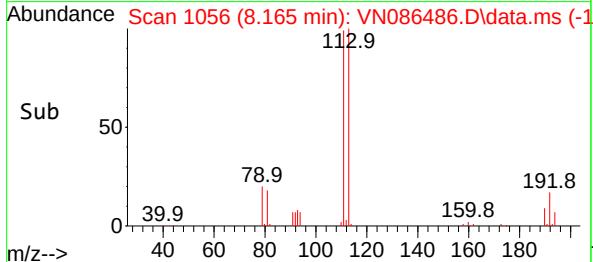
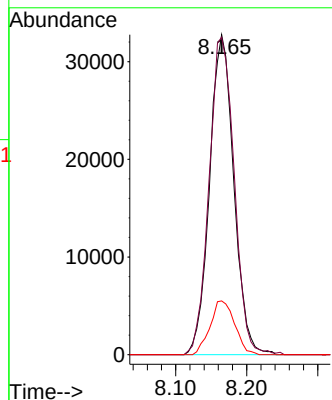
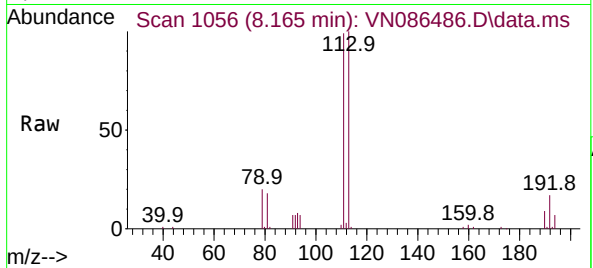




#35
Dibromofluoromethane
Concen: 60.663 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

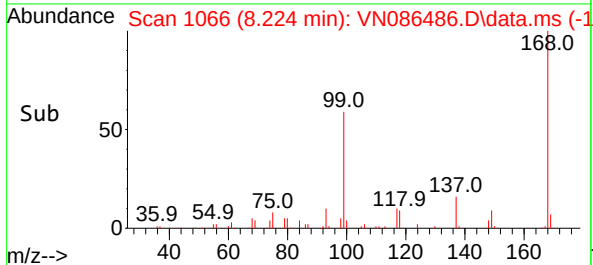
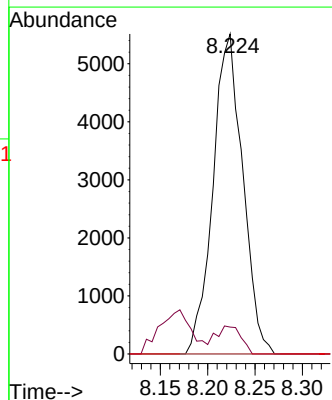
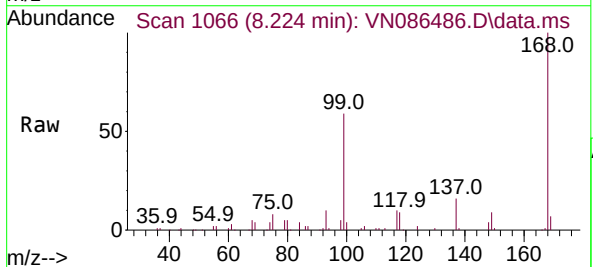
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

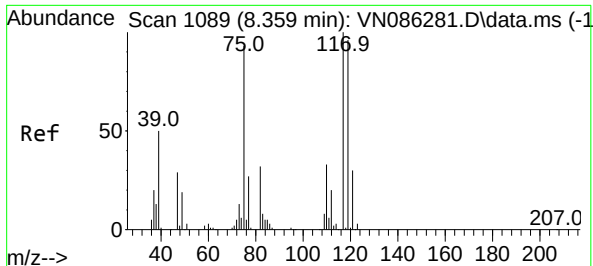
Tgt Ion:113 Resp: 77587
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.0
192 17.1 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

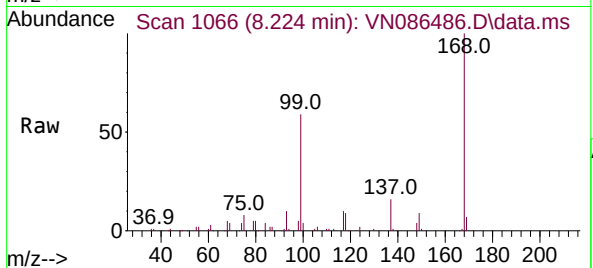
Tgt Ion: 75 Resp: 12047
Ion Ratio Lower Upper
75 100
110 7.3 16.8 50.4#
77 0.0 24.9 37.3#



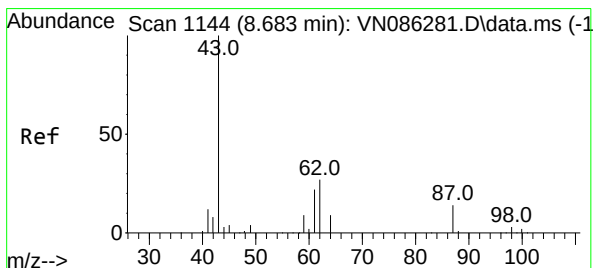
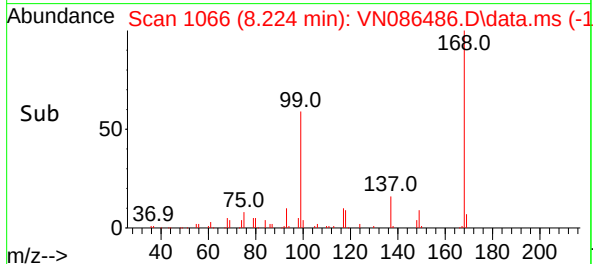
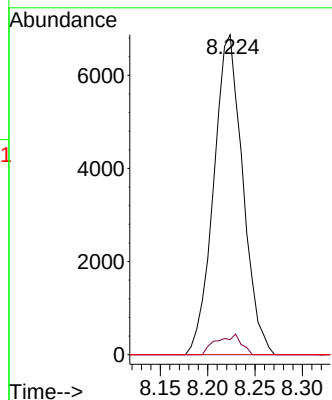


#38
Carbon Tetrachloride
Concen: 6.045 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

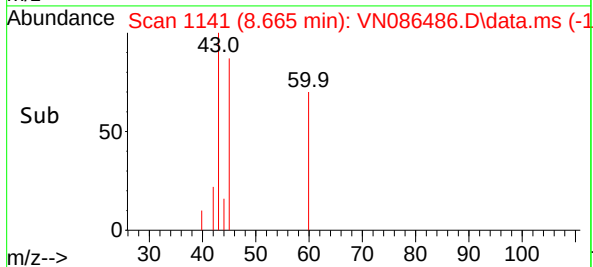
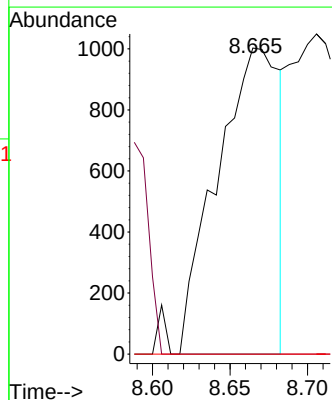
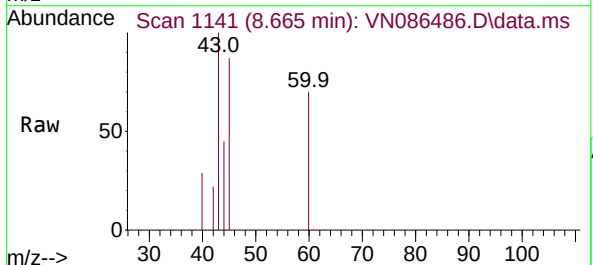


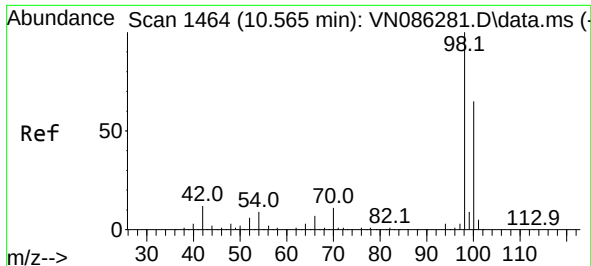
Tgt Ion:117 Resp: 14707
Ion Ratio Lower Upper
117 100
119 4.7 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Tgt Ion: 43 Resp: 2815
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

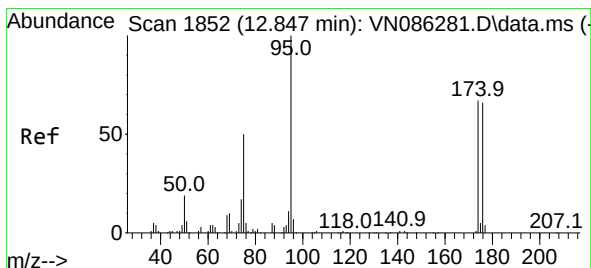
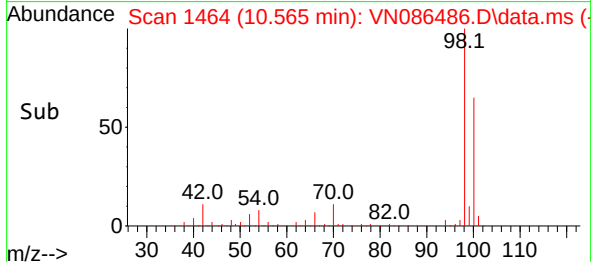
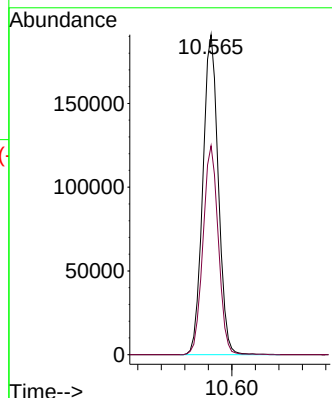
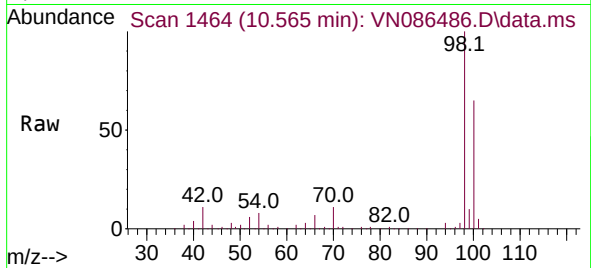




#50
Toluene-d8
Concen: 51.097 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

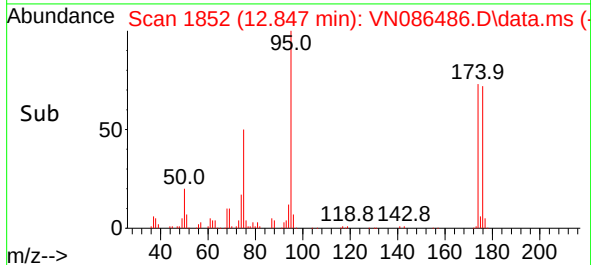
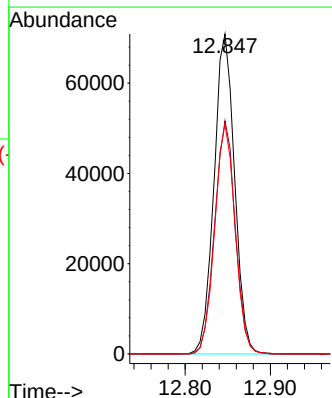
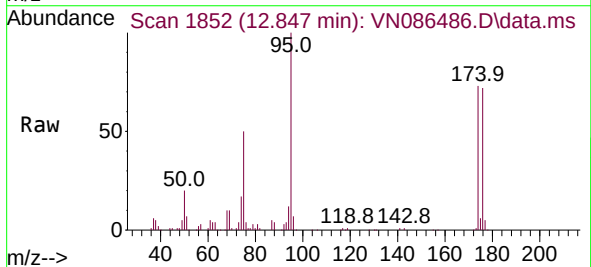
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

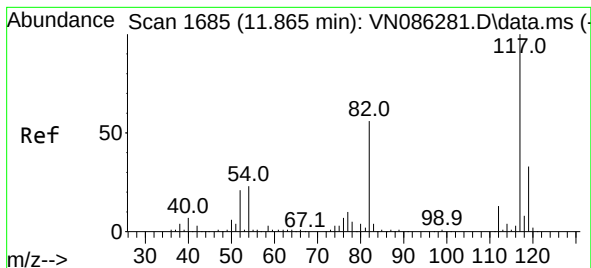
Tgt Ion: 98 Resp: 349276
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.769 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Tgt Ion: 95 Resp: 119098
Ion Ratio Lower Upper
95 100
174 72.6 0.0 133.4
176 71.2 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086486.D

Acq: 05 May 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

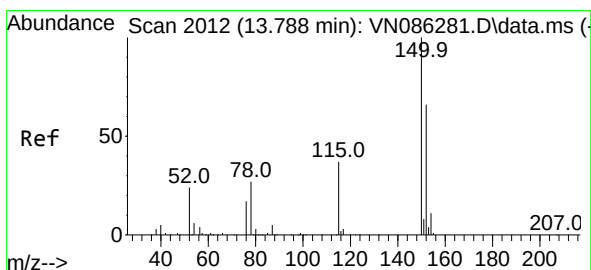
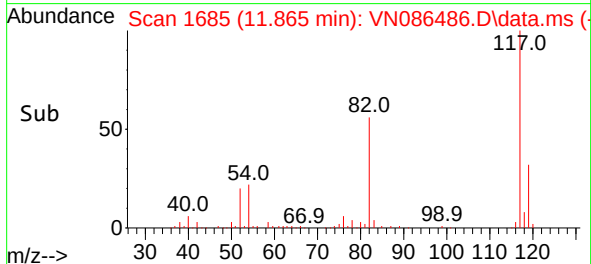
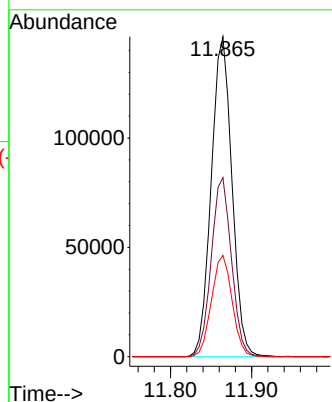
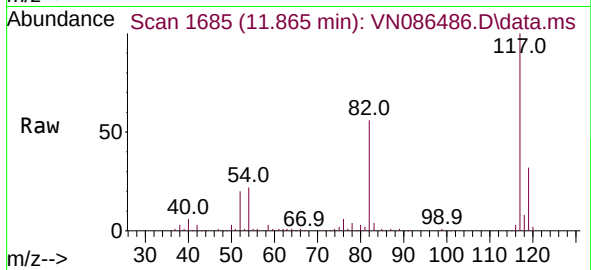
Tgt Ion:117 Resp: 259237

Ion Ratio Lower Upper

117 100

82 56.0 44.7 67.1

119 31.7 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: VN086486.D

Acq: 05 May 2025 15:12

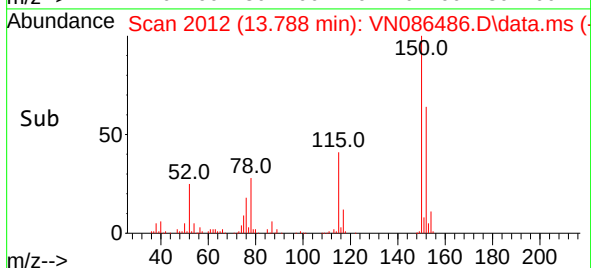
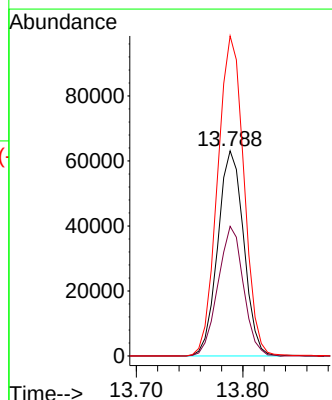
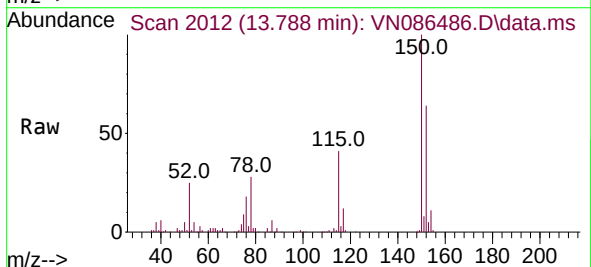
Tgt Ion:152 Resp: 106427

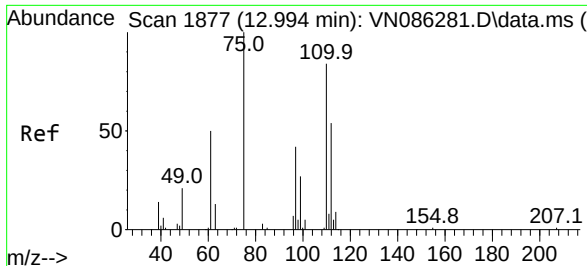
Ion Ratio Lower Upper

152 100

115 62.1 31.9 95.9

150 158.9 0.0 352.0

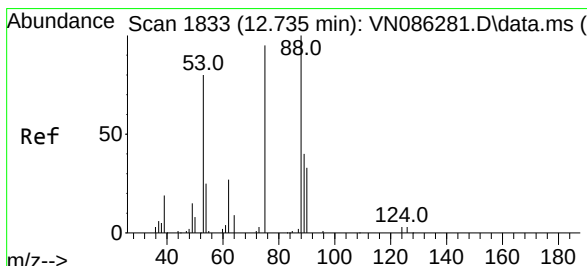
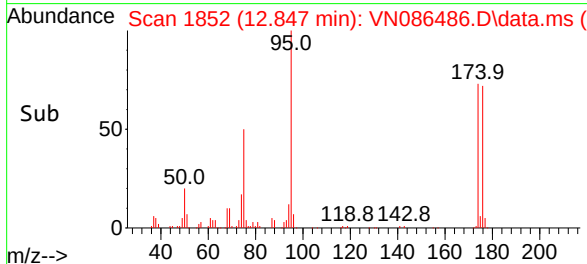
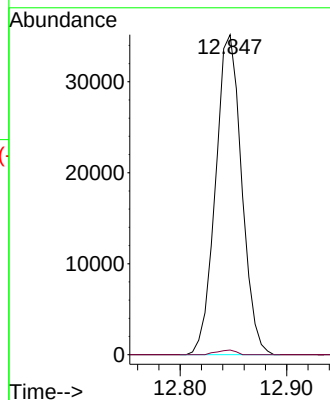
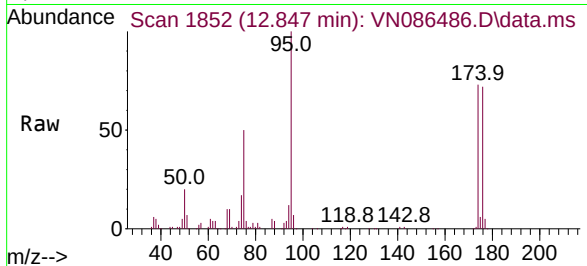




#76
1,2,3-Trichloropropane
Concen: 23.832 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 59854
Ion Ratio Lower Upper
75 100
77 1.0 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.235 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086486.D
Acq: 05 May 2025 15:12

Tgt Ion: 75 Resp: 59854
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

