

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086084.D
 Acq On : 24 Mar 2025 20:01
 Operator : JC\MD
 Sample : Q1618-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP20250320-02

Quant Time: Mar 25 01:31:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

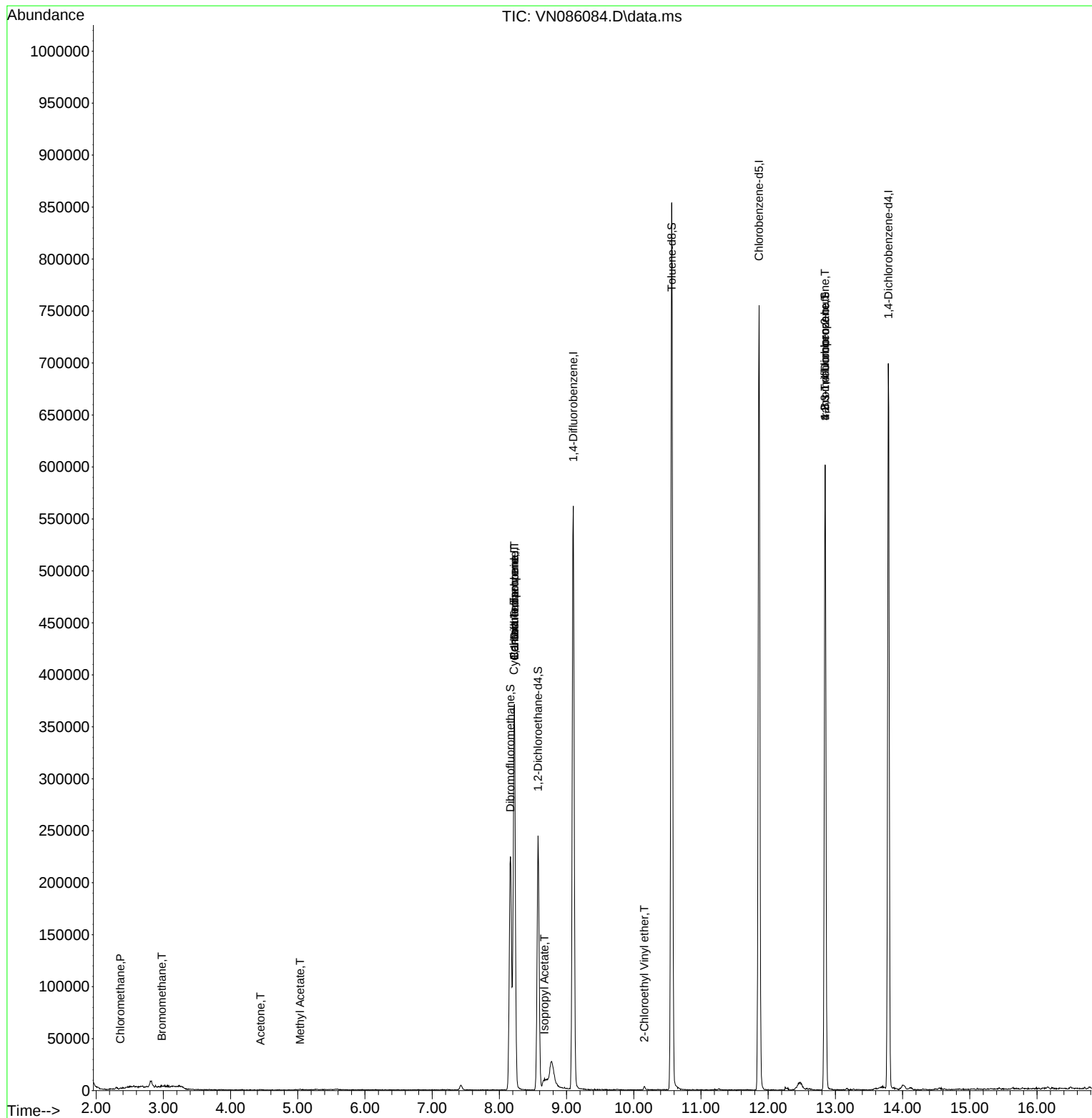
Internal Standards						
1) Pentafluorobenzene	8.224	168	276592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	504345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	447520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	198608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196219	51.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.620%	
35) Dibromofluoromethane	8.165	113	169003	48.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.020%	
50) Toluene-d8	10.565	98	602039	47.122	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.240%	
62) 4-Bromofluorobenzene	12.847	95	212391	46.614	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	705	0.219	ug/l	97
5) Bromomethane	2.977	94	460	0.206	ug/l #	55
16) Acetone	4.447	43	868	0.750	ug/l #	38
18) Methyl Acetate	5.036	43	1161	0.406	ug/l #	45
31) Cyclohexane	8.218	56	5796	1.228	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	21691	4.680	ug/l #	48
38) Carbon Tetrachloride	8.224	117	27451	4.504	ug/l #	16
43) Isopropyl Acetate	8.671	43	6719	0.793	ug/l #	50
58) 2-Chloroethyl Vinyl ether	10.159	63	1689	4.465	ug/l	93
76) 1,2,3-Trichloropropane	12.847	75	106076	23.856	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	106076	63.072	ug/l #	16

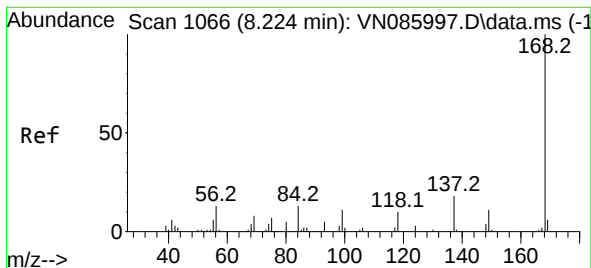
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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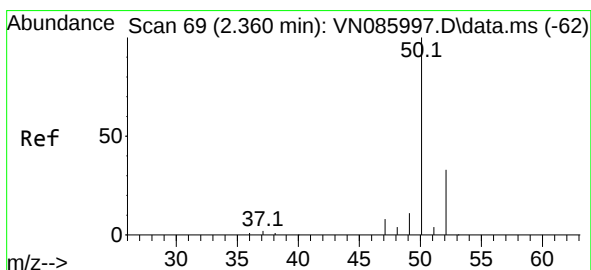
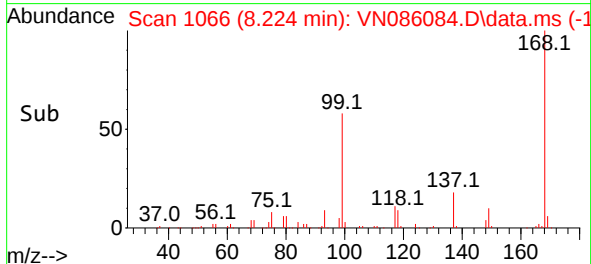
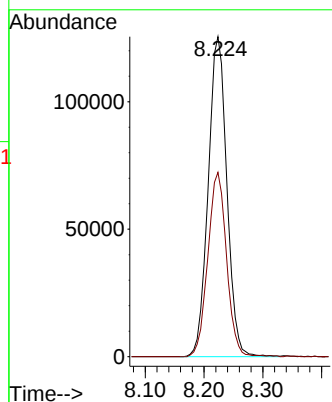
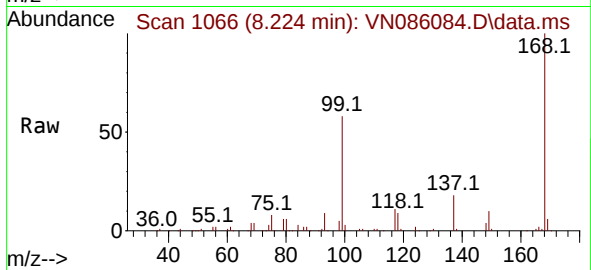




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

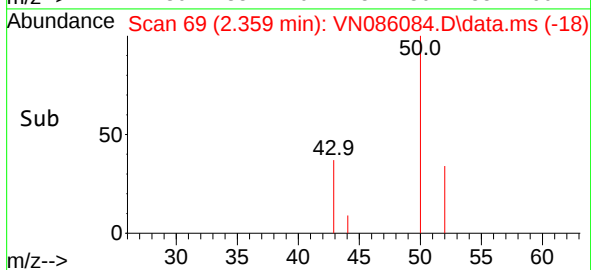
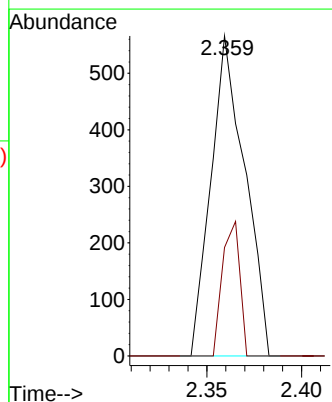
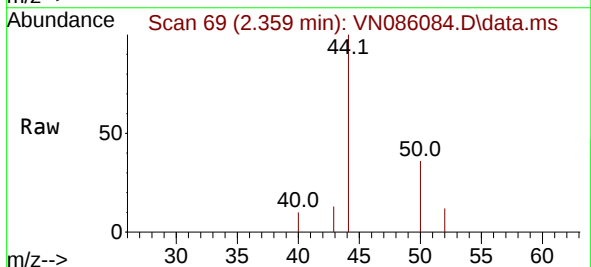
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-02

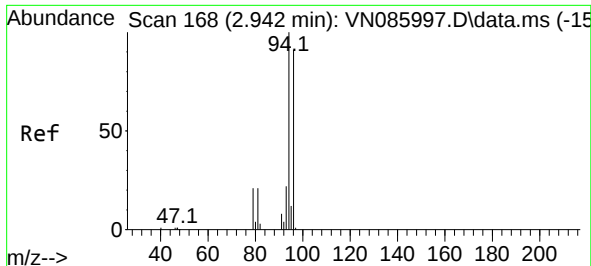
Tgt Ion:168 Resp: 276592
Ion Ratio Lower Upper
168 100
99 57.6 49.4 74.2



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Tgt Ion: 50 Resp: 705
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0

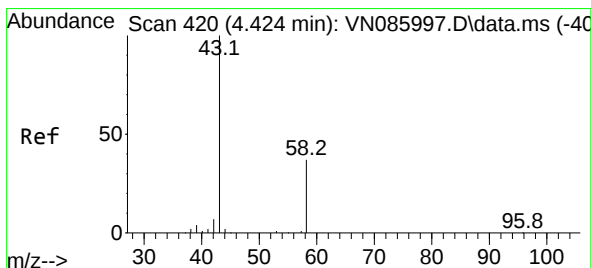
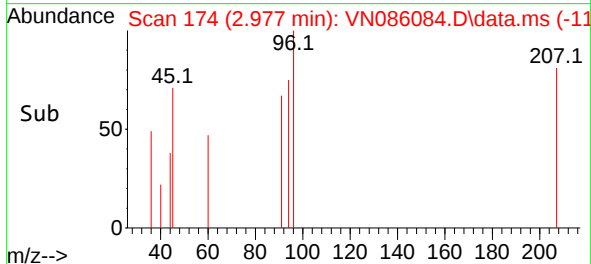
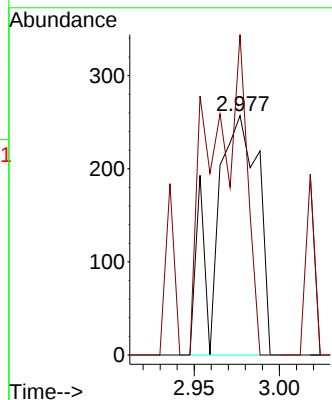
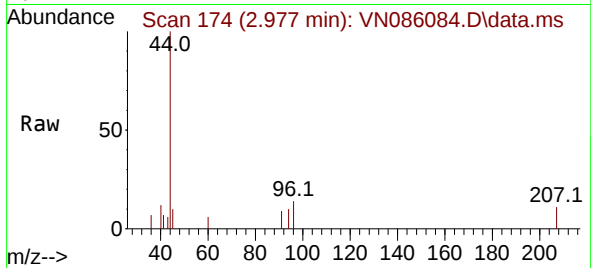




#5
Bromomethane
Concen: 0.206 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

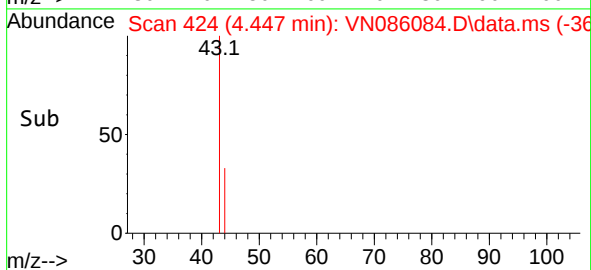
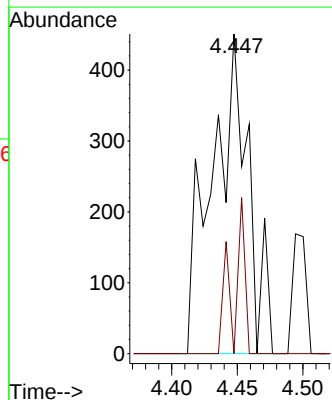
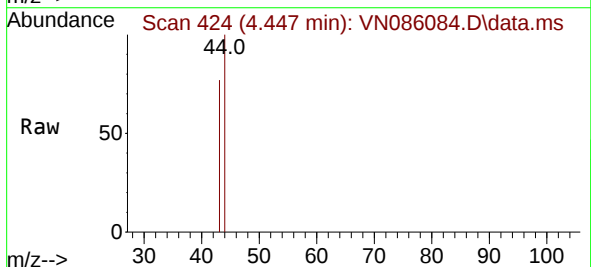
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-02

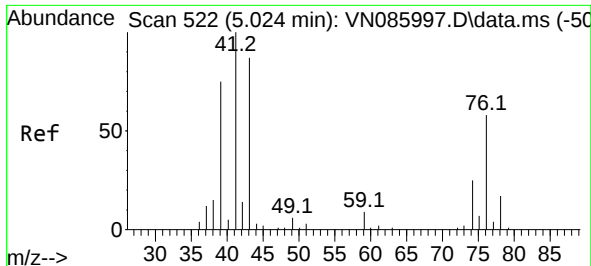
Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 133.9 72.8 109.2#



#16
Acetone
Concen: 0.750 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

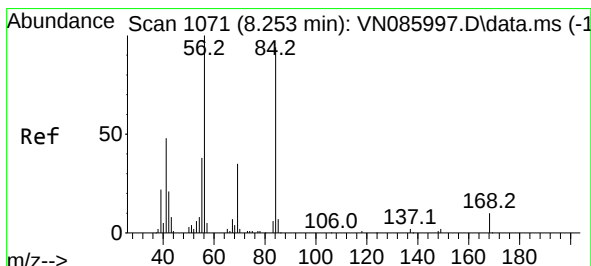
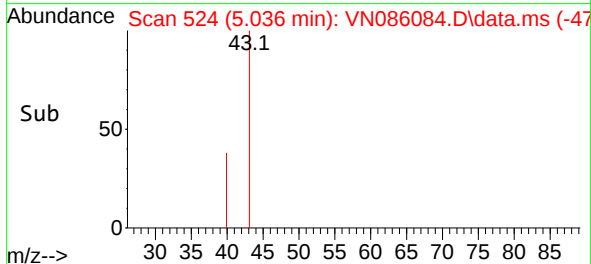
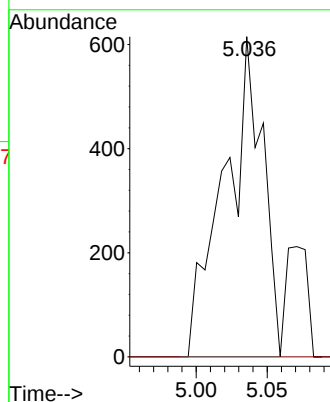
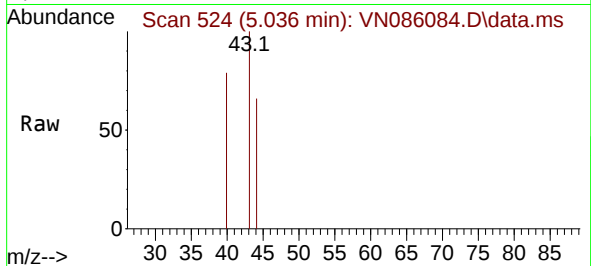




#18
Methyl Acetate
Concen: 0.406 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

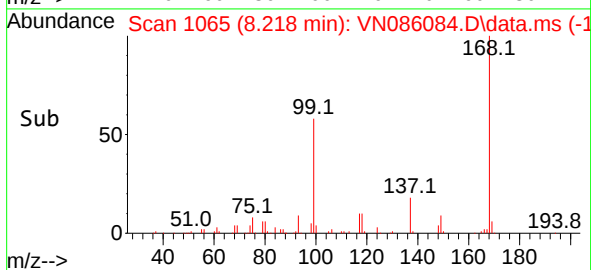
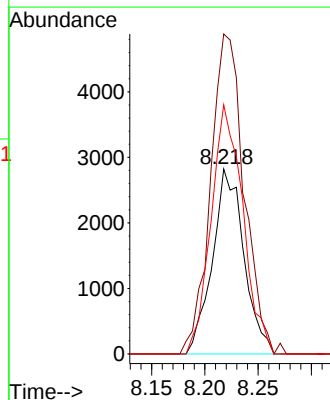
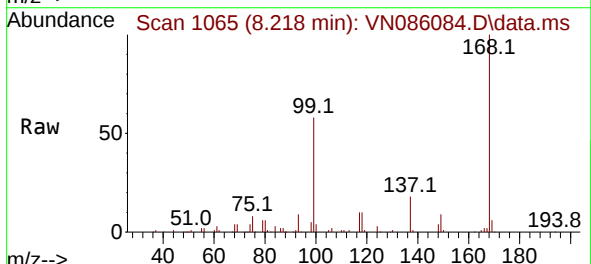
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-02

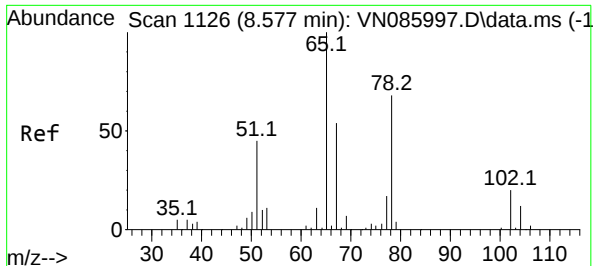
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
74 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.036 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Tgt Ion: 56 Resp: 5796
Ion Ratio Lower Upper
56 100
69 173.0 28.0 42.0#
84 134.7 75.0 112.6#





#33

1,2-Dichloroethane-d4

Concen: 51.807 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086084.D

Acq: 24 Mar 2025 20:01

Instrument :

MSVOA_N

ClientSampleId :

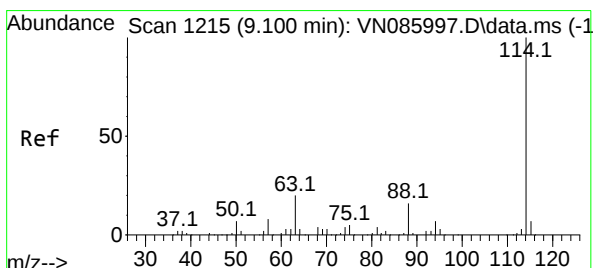
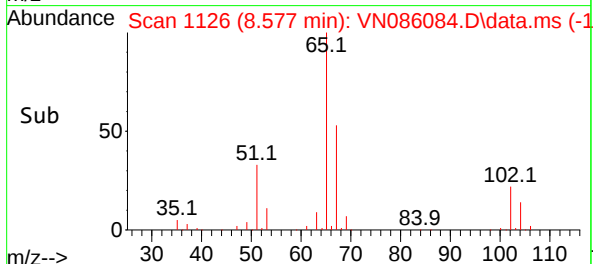
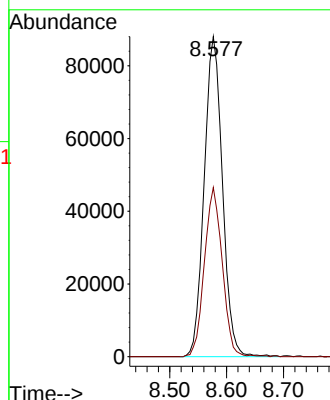
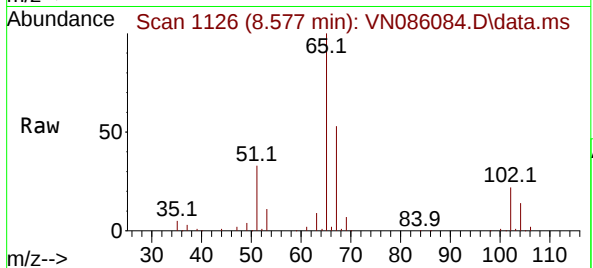
TP20250320-02

Tgt Ion: 65 Resp: 196219

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086084.D

Acq: 24 Mar 2025 20:01

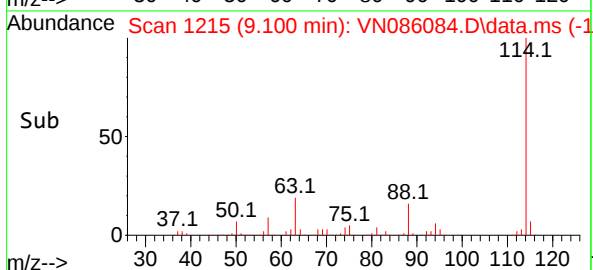
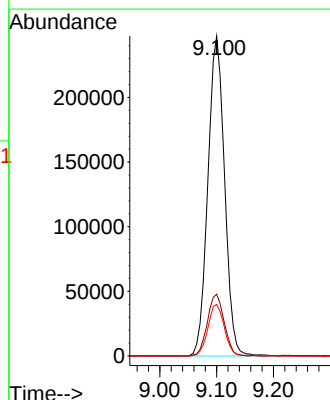
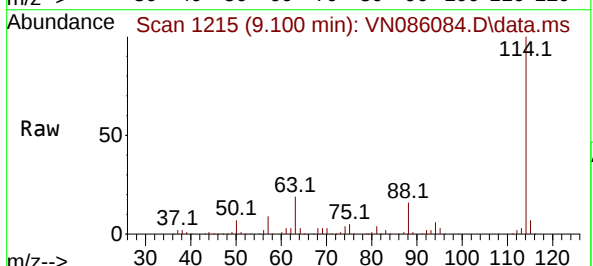
Tgt Ion: 114 Resp: 504345

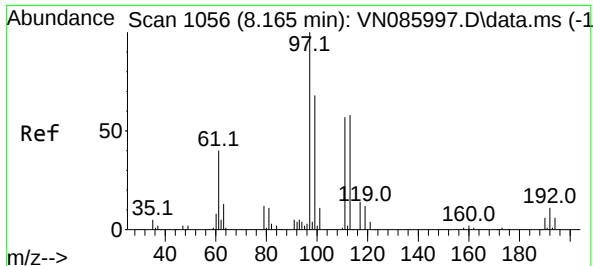
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.009 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086084.D

Acq: 24 Mar 2025 20:01

Instrument :

MSVOA_N

ClientSampleId :

TP20250320-02

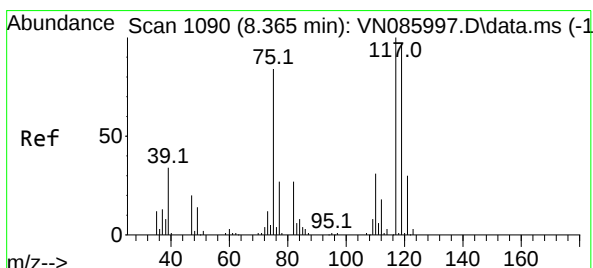
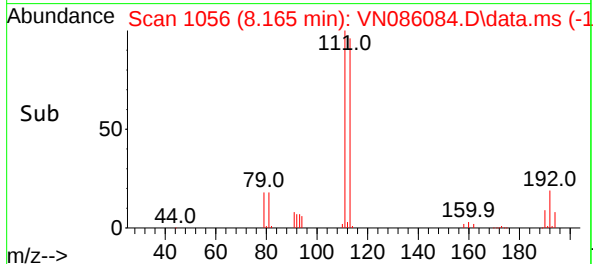
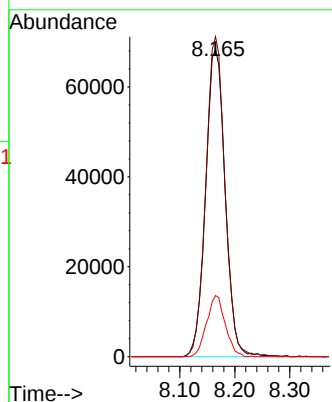
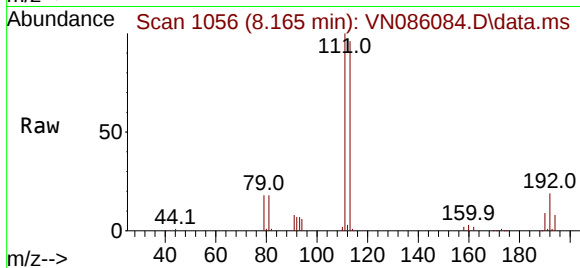
Tgt Ion:113 Resp: 169003

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

192 18.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.680 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086084.D

Acq: 24 Mar 2025 20:01

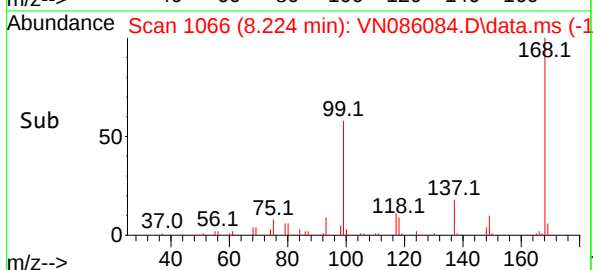
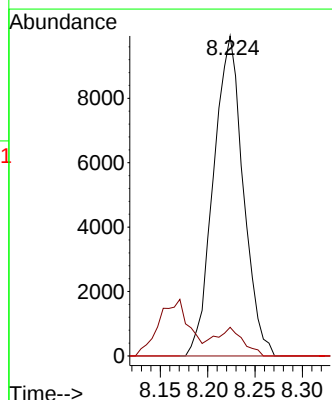
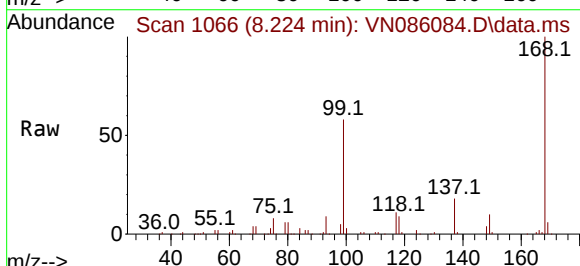
Tgt Ion: 75 Resp: 21691

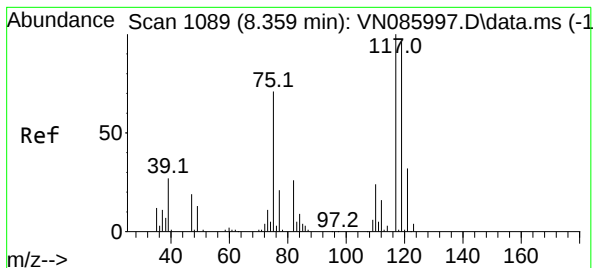
Ion Ratio Lower Upper

75 100

110 7.8 17.8 53.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.504 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.136 min

Lab File: VN086084.D

Acq: 24 Mar 2025 20:01

Instrument :

MSVOA_N

ClientSampleId :

TP20250320-02

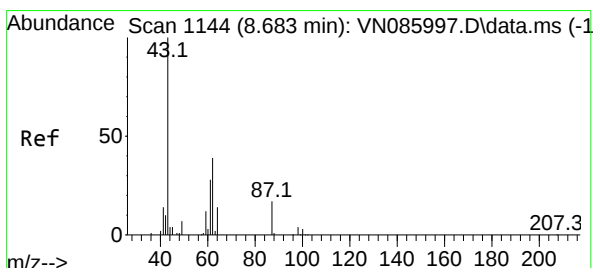
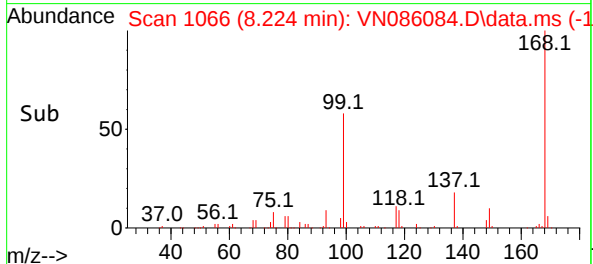
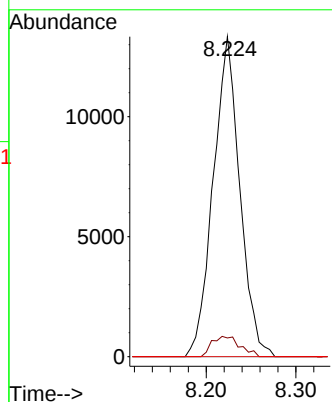
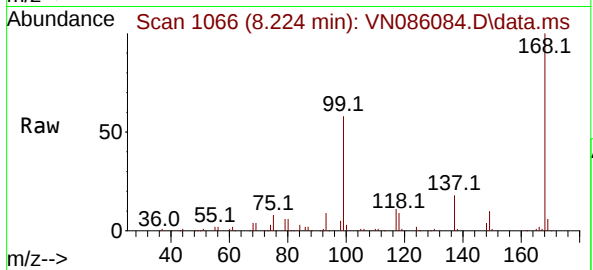
Tgt Ion:117 Resp: 27451

Ion Ratio Lower Upper

117 100

119 5.8 77.0 115.4#

121 0.0 25.6 38.4#



#43

Isopropyl Acetate

Concen: 0.793 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.012 min

Lab File: VN086084.D

Acq: 24 Mar 2025 20:01

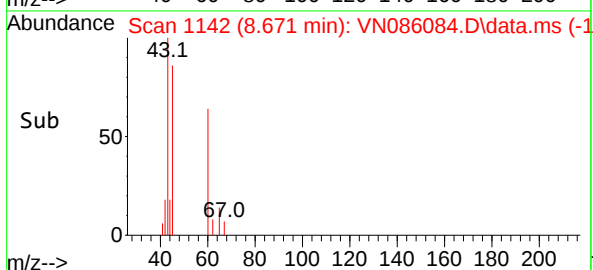
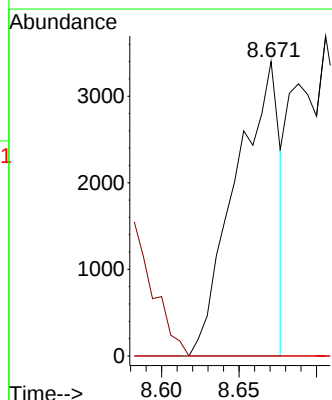
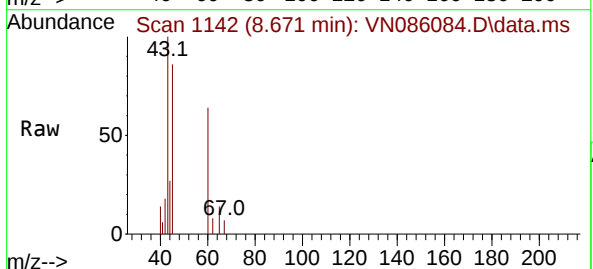
Tgt Ion: 43 Resp: 6719

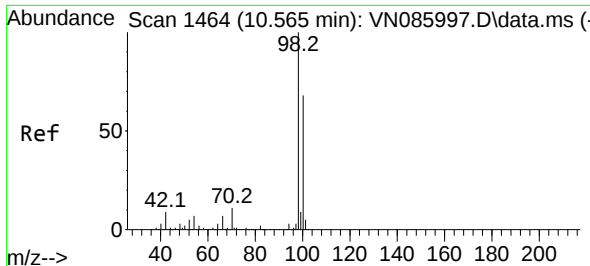
Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 13.0 19.4#

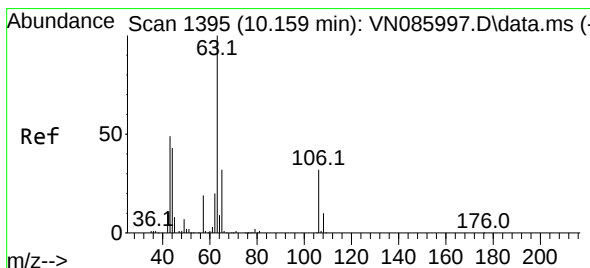
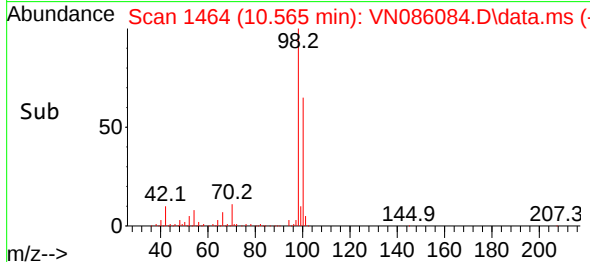
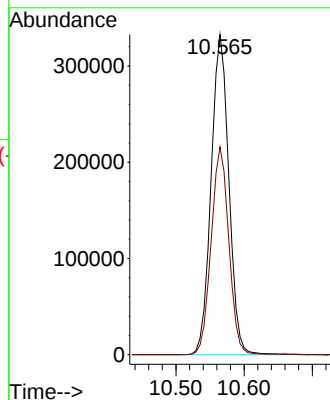
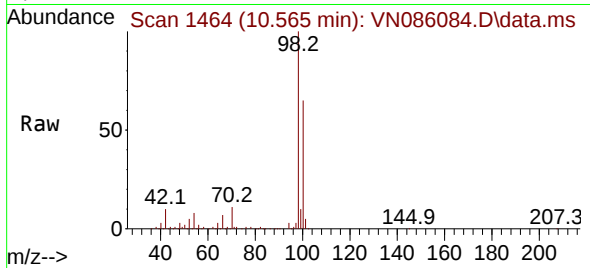




#50
Toluene-d8
Concen: 47.122 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

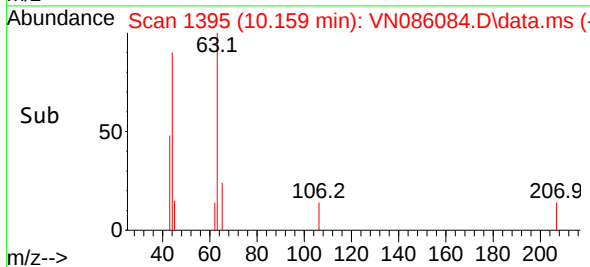
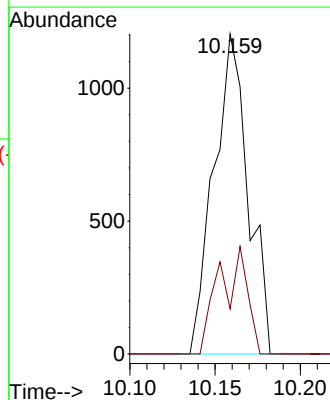
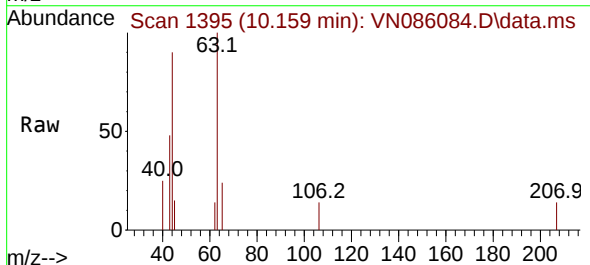
Instrument :
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TP20250320-02

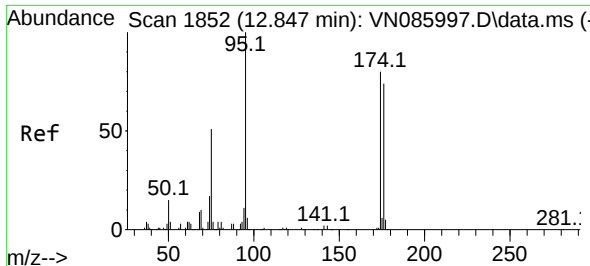
Tgt Ion: 98 Resp: 602039
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#58
2-Chloroethyl Vinyl ether
Concen: 4.465 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Tgt Ion: 63 Resp: 1689
Ion Ratio Lower Upper
63 100
106 27.4 25.0 37.6

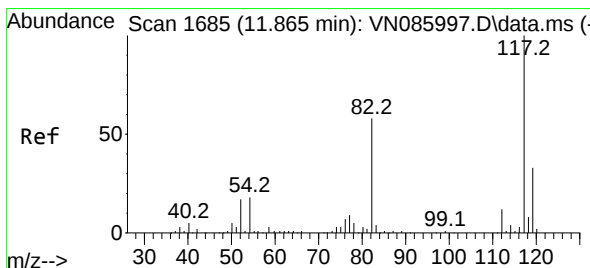
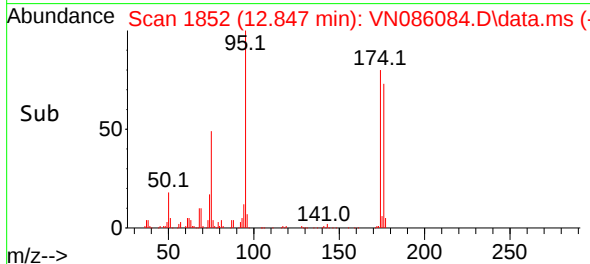
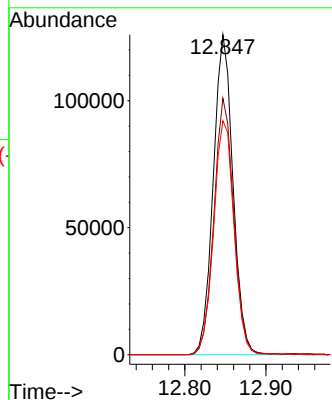
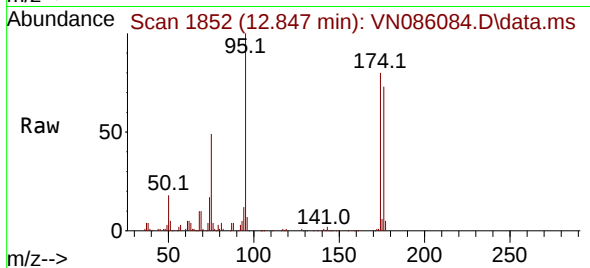




#62
4-Bromofluorobenzene
Concen: 46.614 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

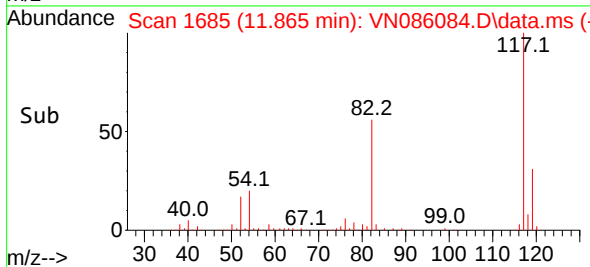
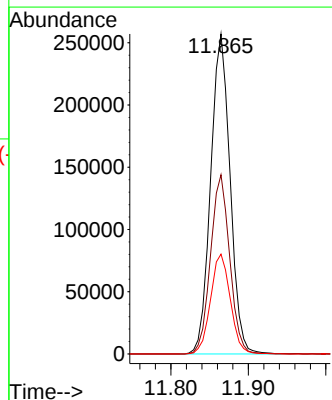
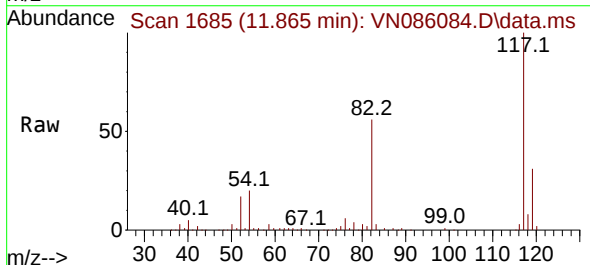
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-02

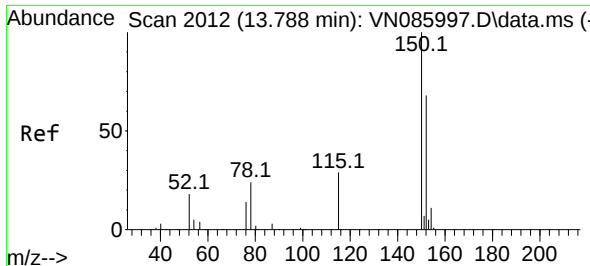
Tgt Ion: 95 Resp: 212391
Ion Ratio Lower Upper
95 100
174 80.7 0.0 156.8
176 75.6 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086084.D
Acq: 24 Mar 2025 20:01

Tgt Ion: 117 Resp: 447520
Ion Ratio Lower Upper
117 100
82 56.0 46.7 70.1
119 31.2 26.5 39.7

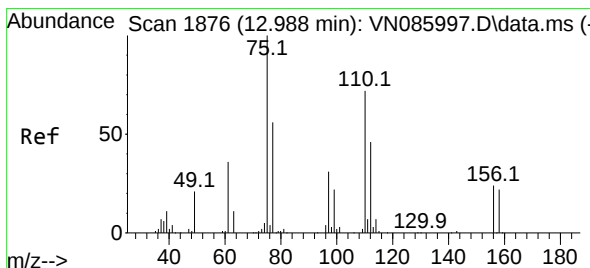
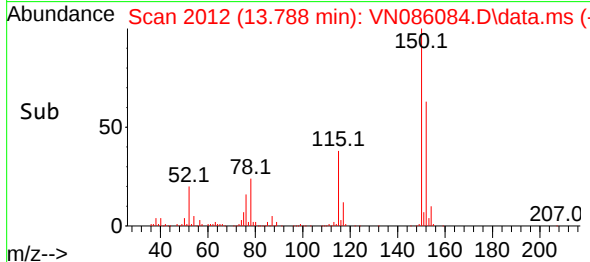
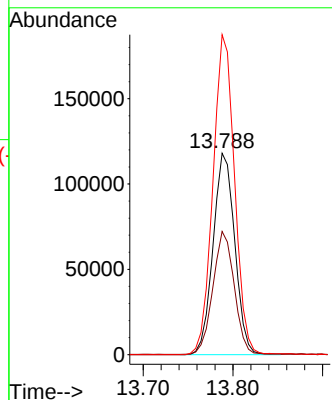
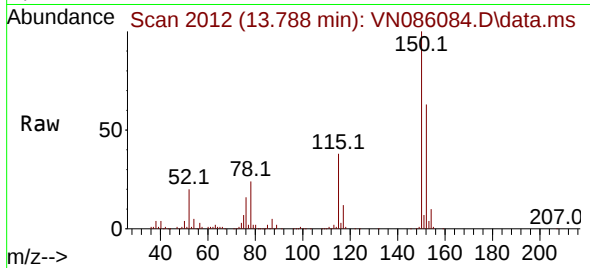




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086084.D
 Acq: 24 Mar 2025 20:01

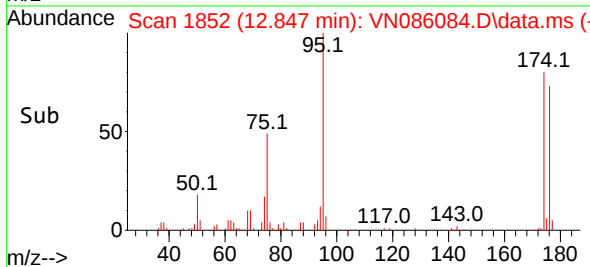
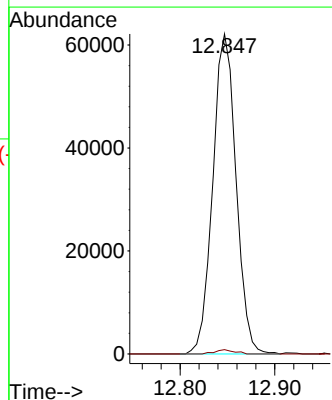
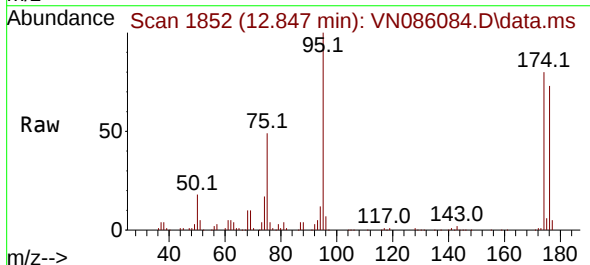
Instrument :
 MSVOA_N
 ClientSampleId :
 TP20250320-02

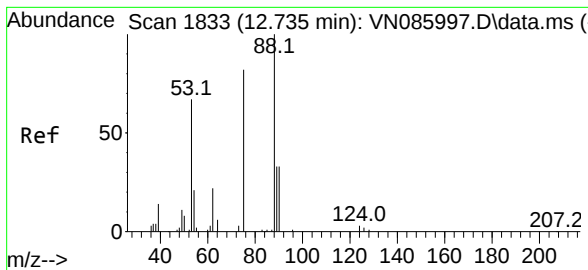
Tgt Ion:152 Resp: 198608
 Ion Ratio Lower Upper
 152 100
 115 59.8 31.1 93.2
 150 158.1 0.0 359.6



#76
 1,2,3-Trichloropropane
 Concen: 23.856 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN086084.D
 Acq: 24 Mar 2025 20:01

Tgt Ion: 75 Resp: 106076
 Ion Ratio Lower Upper
 75 100
 77 1.1 83.7 251.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.072 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN086084.D
 Acq: 24 Mar 2025 20:01

Instrument :
 MSVOA_N
 ClientSampleId :
 TP20250320-02

Tgt Ion: 75 Resp: 106076
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.0 99.0#
 89 0.0 36.9 55.3#

