

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087141.D
 Acq On : 20 Jun 2025 15:50
 Operator : JC\MD
 Sample : Q2355-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3897

Quant Time: Jun 20 23:08:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

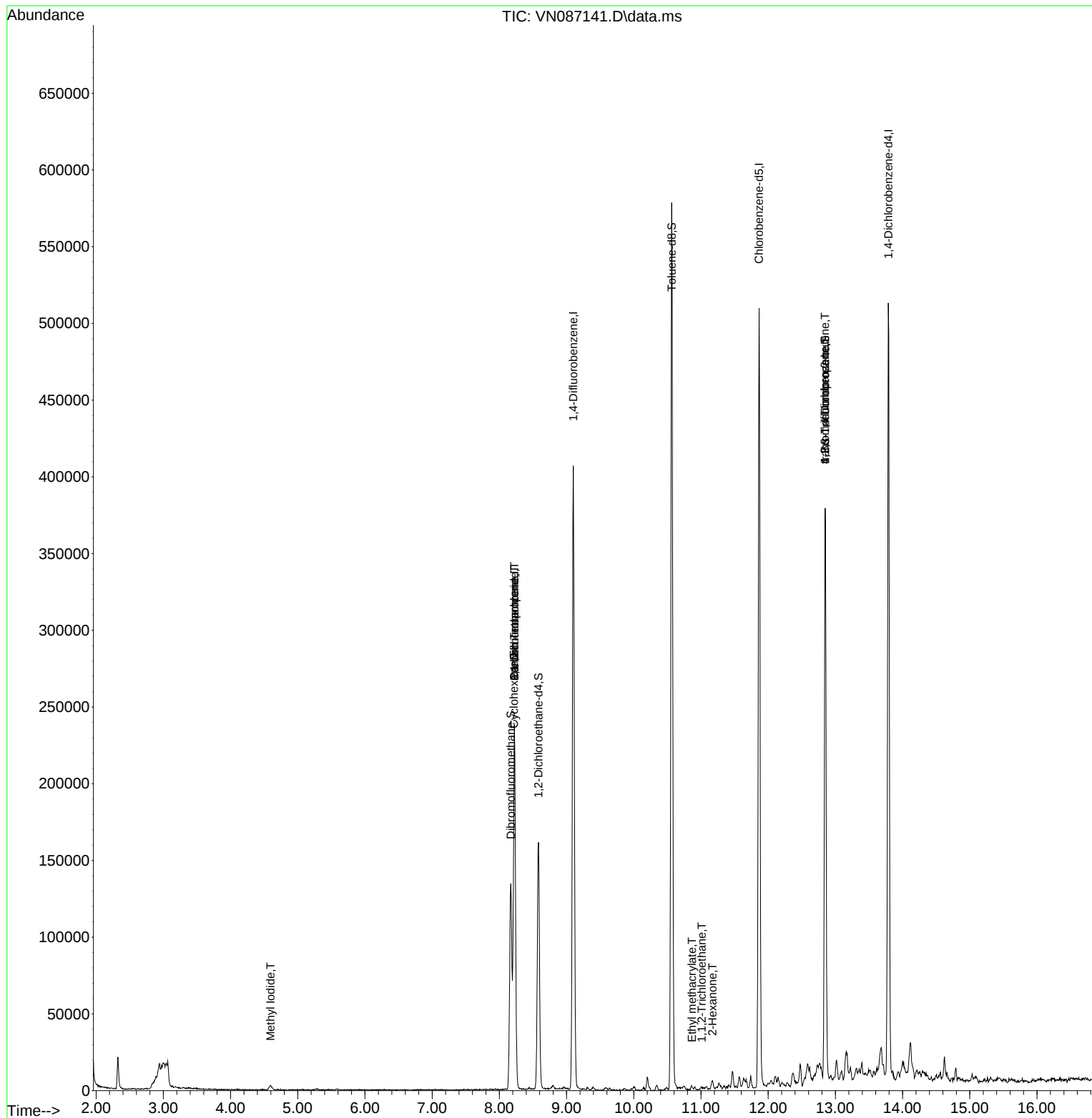
Internal Standards						
1) Pentafluorobenzene	8.224	168	180643	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.100	114	377941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130607	54.001	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.000%		
35) Dibromofluoromethane	8.171	113	104571	46.688	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.380%		
50) Toluene-d8	10.565	98	427998	48.271	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.540%		
62) 4-Bromofluorobenzene	12.847	95	150793	45.775	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.560%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.594	142	6171	2.417	ug/l #	93
31) Cyclohexane	8.218	56	3027	0.772	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13852	4.150	ug/l #	46
38) Carbon Tetrachloride	8.224	117	18805	5.739	ug/l #	16
55) 1,1,2-Trichloroethane	11.012	97	593	0.231	ug/l #	14
56) Ethyl methacrylate	10.865	69	1141	0.279	ug/l #	67
59) 2-Hexanone	11.170	43	1963	0.742	ug/l #	20
76) 1,2,3-Trichloropropane	12.847	75	70237	19.104	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70237	43.977	ug/l #	16

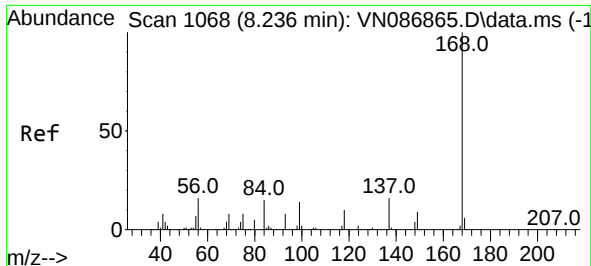
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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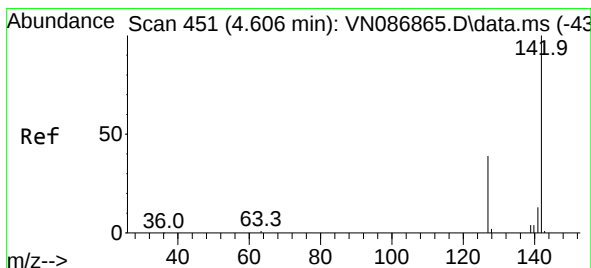
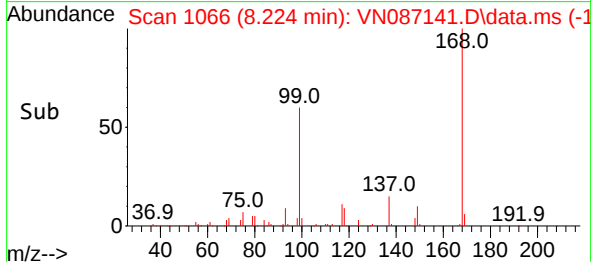
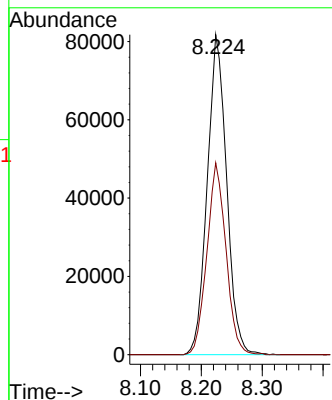
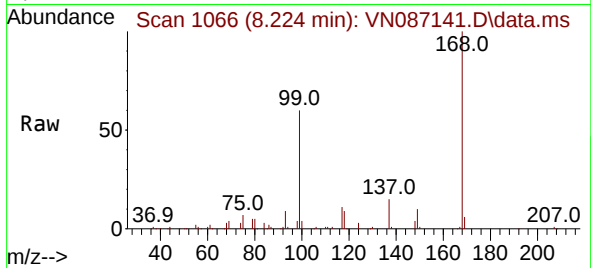




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.012 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

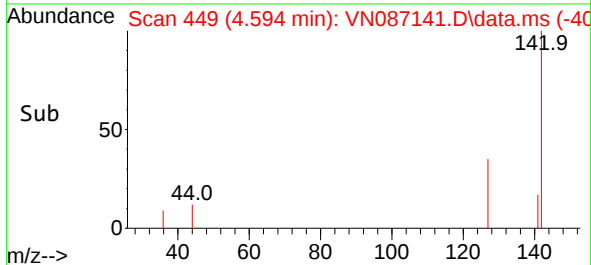
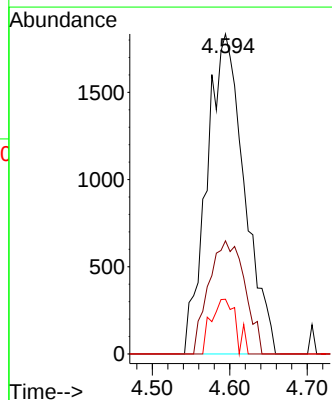
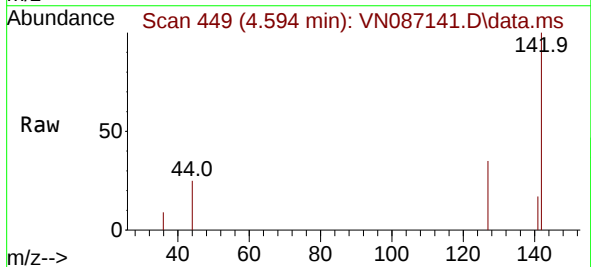
Instrument :
MSVOA_N
ClientSampleId :
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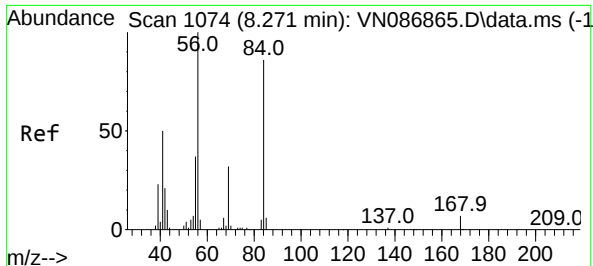
Tgt Ion:168 Resp: 180643
Ion Ratio Lower Upper
168 100
99 59.9 49.1 73.7



#10
Methyl Iodide
Concen: 2.417 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

Tgt Ion:142 Resp: 6171
Ion Ratio Lower Upper
142 100
127 35.4 30.9 46.3
141 17.1 10.4 15.6#

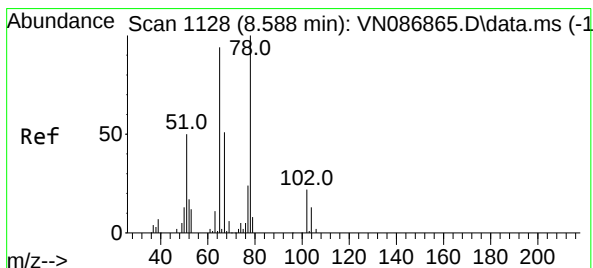
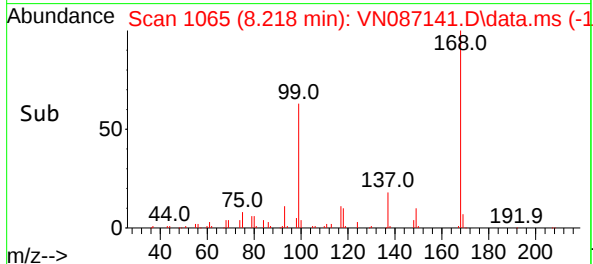
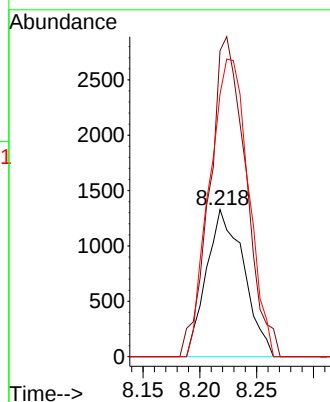
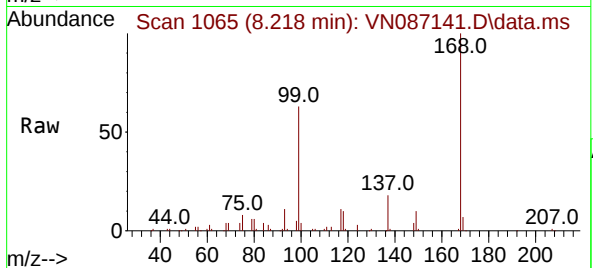




#31
Cyclohexane
Concen: 0.772 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.053 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

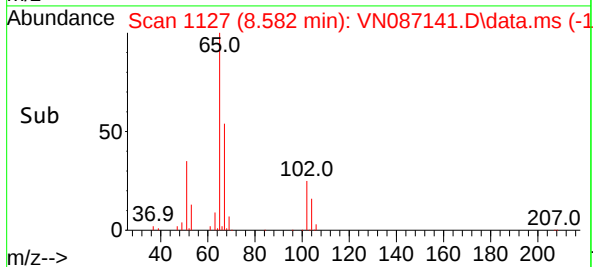
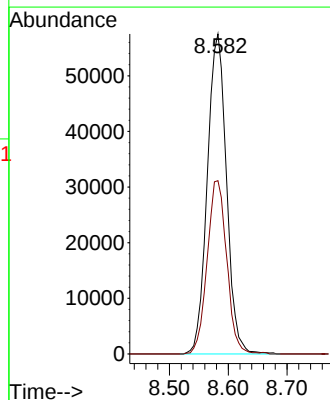
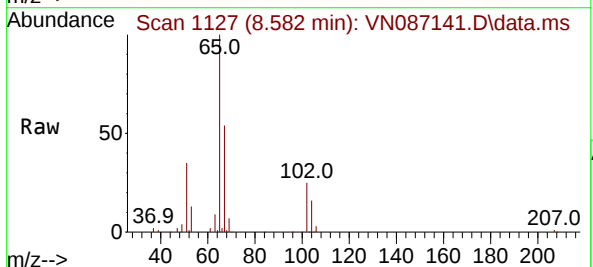
Instrument :
MSVOA_N
ClientSampleId :
3897

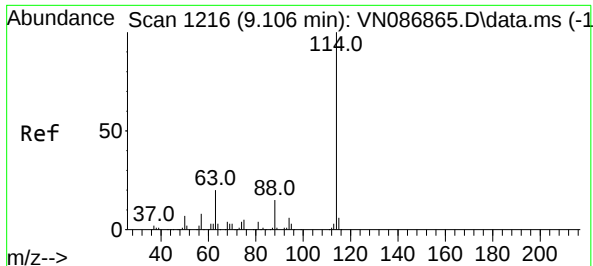
Tgt Ion: 56 Resp: 3027
Ion Ratio Lower Upper
56 100
69 208.1 25.4 38.0#
84 178.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 54.001 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

Tgt Ion: 65 Resp: 130607
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087141.D

Acq: 20 Jun 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

3897

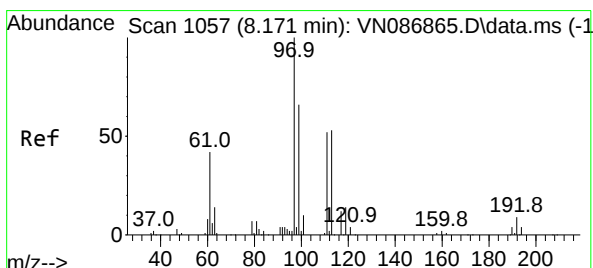
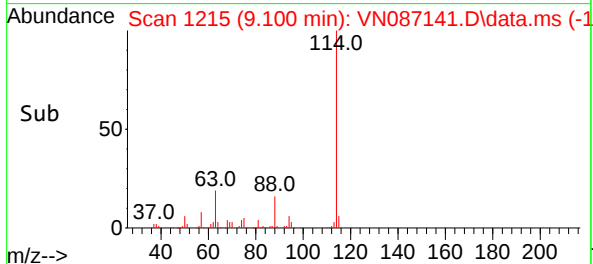
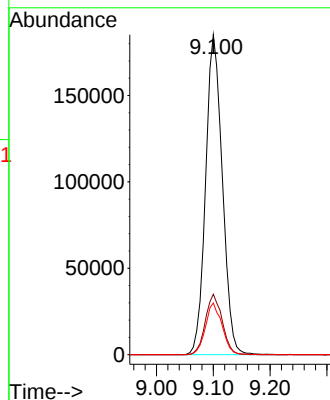
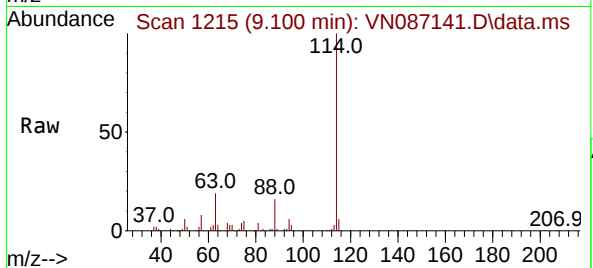
Tgt Ion:114 Resp: 377941

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 16.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 46.688 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087141.D

Acq: 20 Jun 2025 15:50

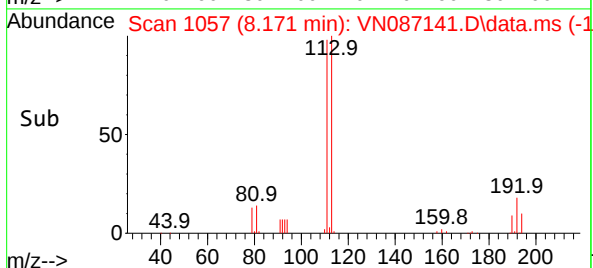
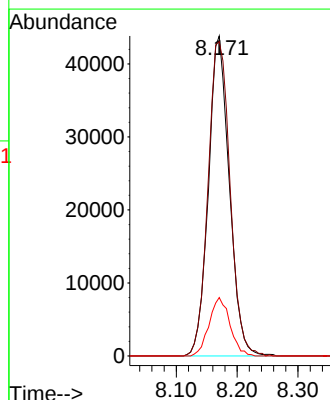
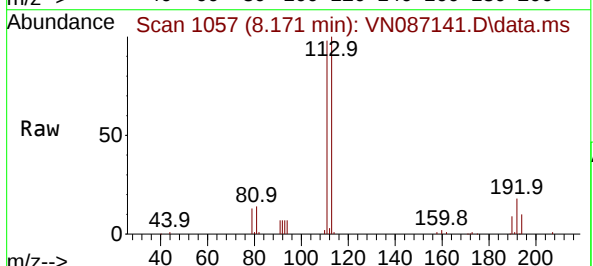
Tgt Ion:113 Resp: 104571

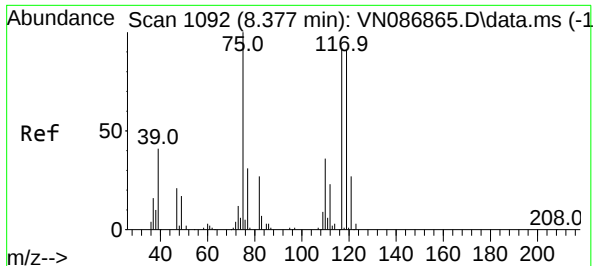
Ion Ratio Lower Upper

113 100

111 103.5 84.2 126.2

192 18.2 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.150 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN087141.D

Acq: 20 Jun 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

3897

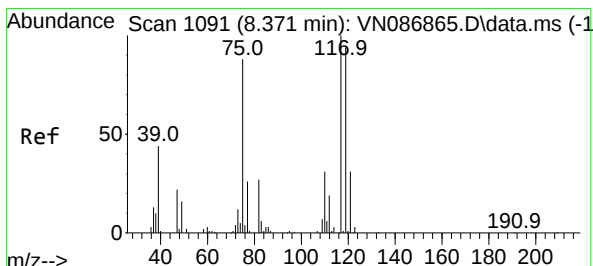
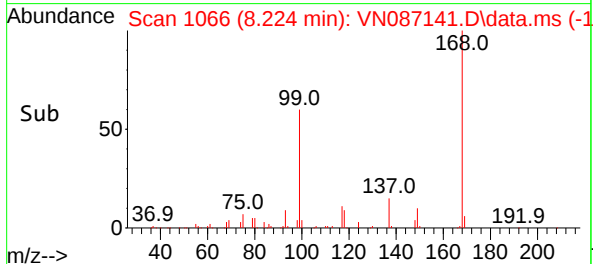
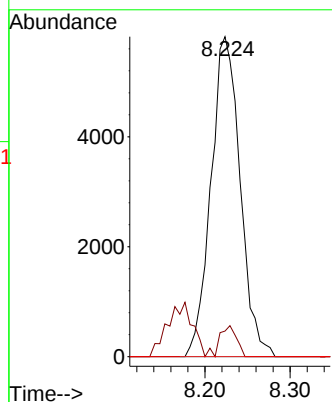
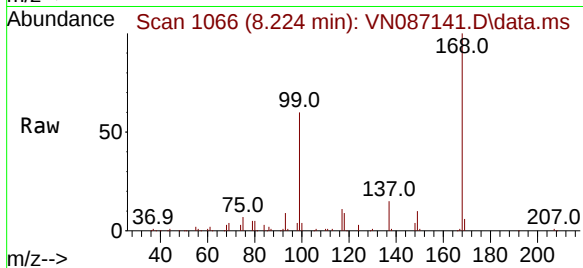
Tgt Ion: 75 Resp: 13852

Ion Ratio Lower Upper

75 100

110 5.7 17.6 52.9#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.739 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN087141.D

Acq: 20 Jun 2025 15:50

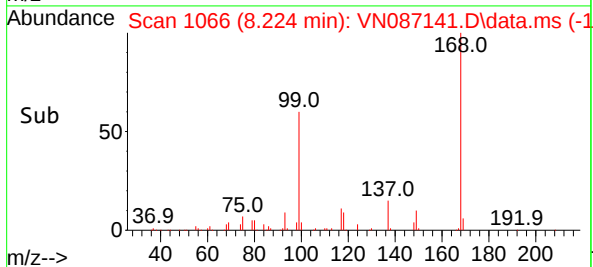
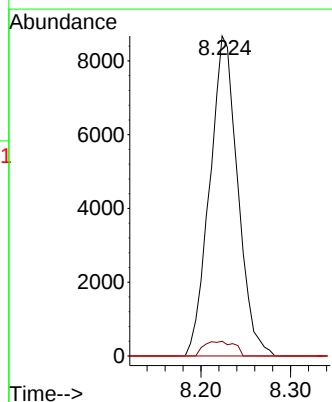
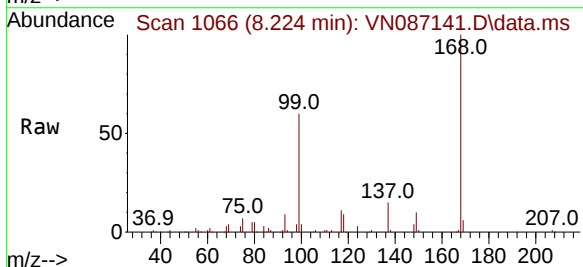
Tgt Ion: 117 Resp: 18805

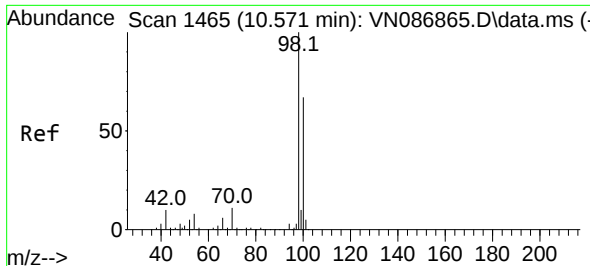
Ion Ratio Lower Upper

117 100

119 4.6 75.0 112.6#

121 0.0 24.9 37.3#

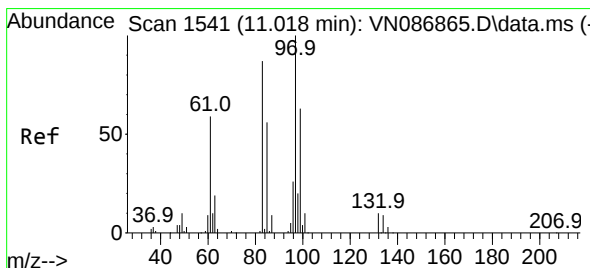
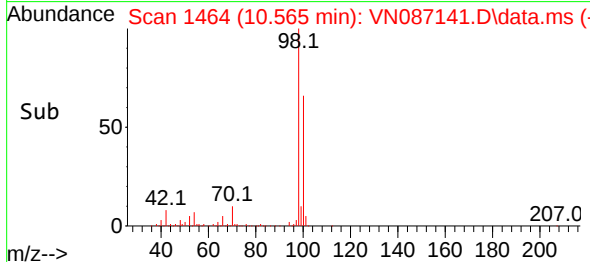
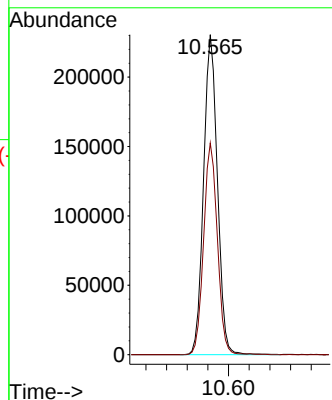
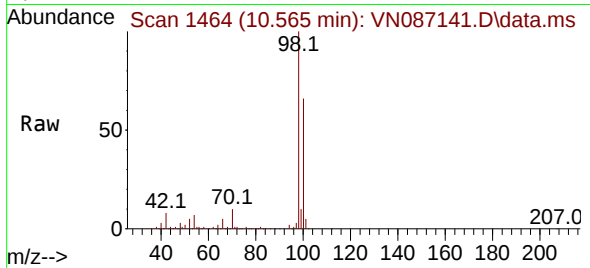




#50
Toluene-d8
Concen: 48.271 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

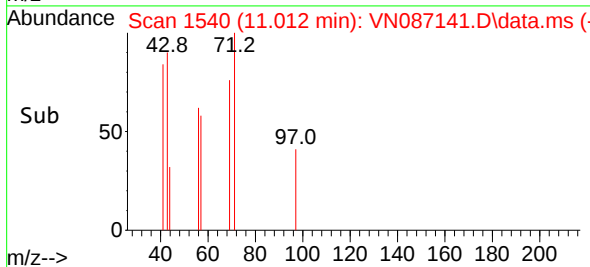
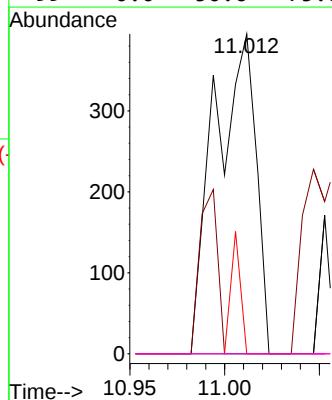
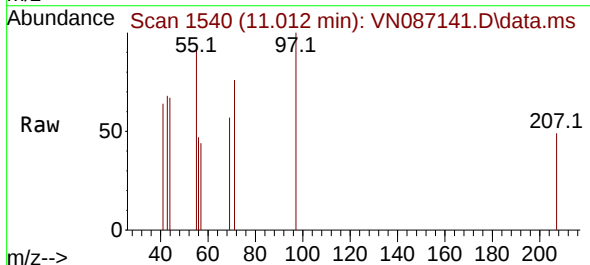
Instrument :
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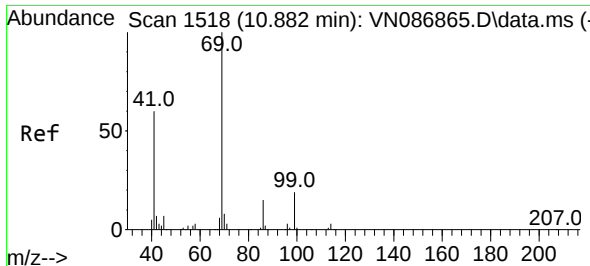
Tgt Ion: 98 Resp: 427998
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#55
1,1,2-Trichloroethane
Concen: 0.231 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

Tgt Ion: 97 Resp: 593
Ion Ratio Lower Upper
97 100
83 0.0 69.7 104.5#
85 0.0 45.1 67.7#
99 0.0 50.6 75.8#

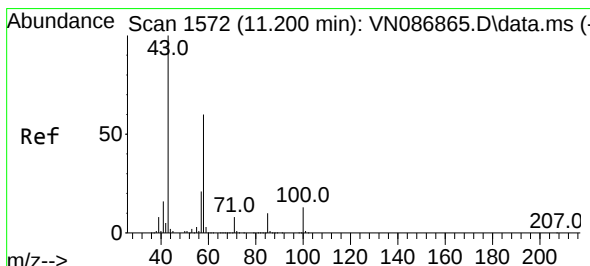
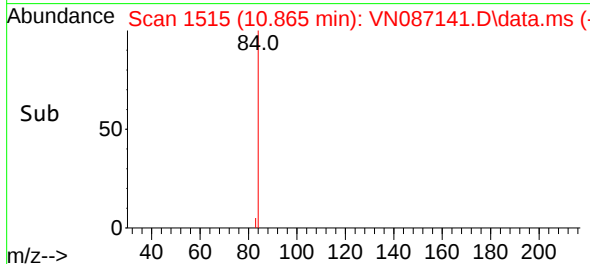
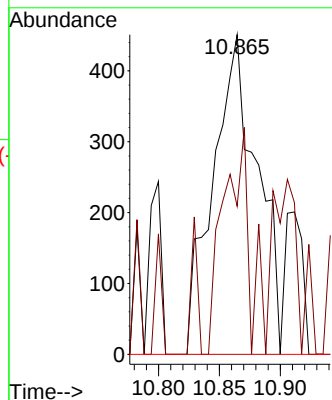
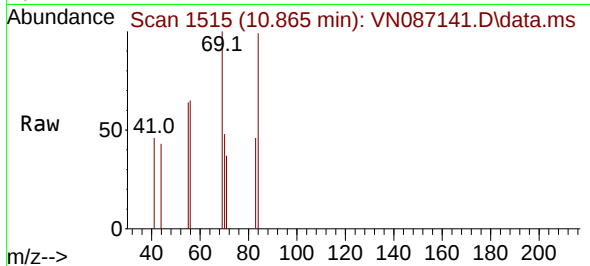




#56
Ethyl methacrylate
Concen: 0.279 ug/l
RT: 10.865 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

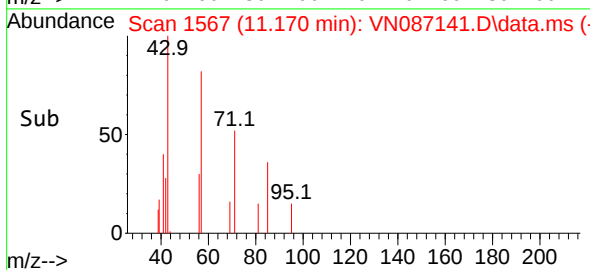
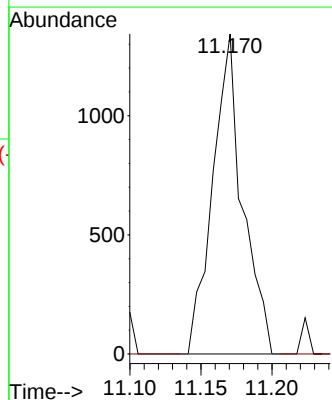
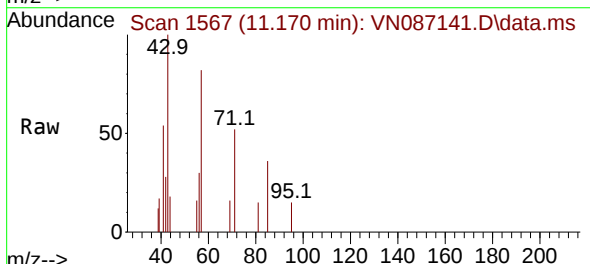
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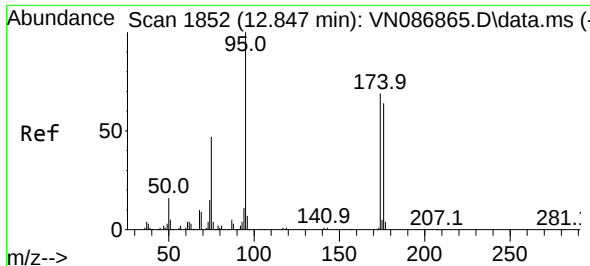
Tgt Ion: 69 Resp: 1141
Ion Ratio Lower Upper
69 100
41 42.1 47.2 70.8#
39 0.0 23.0 34.6#



#59
2-Hexanone
Concen: 0.742 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.030 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#

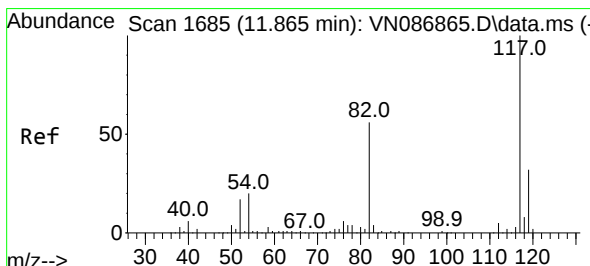
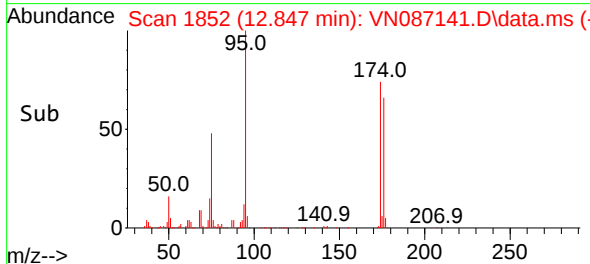
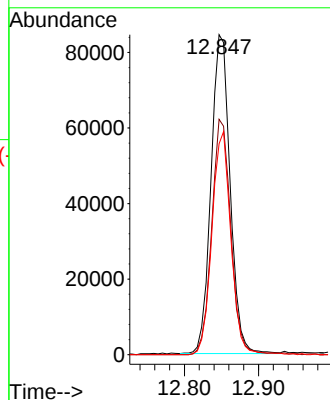
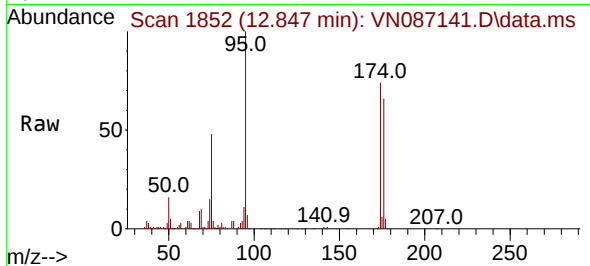




#62
4-Bromofluorobenzene
Concen: 45.775 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

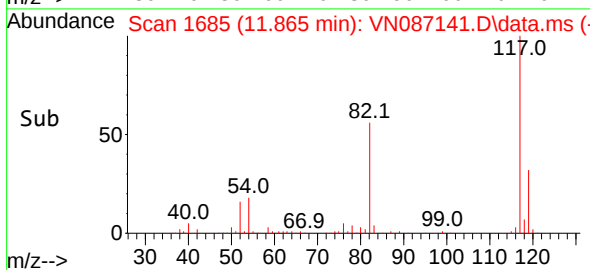
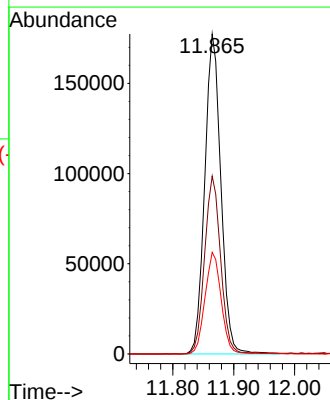
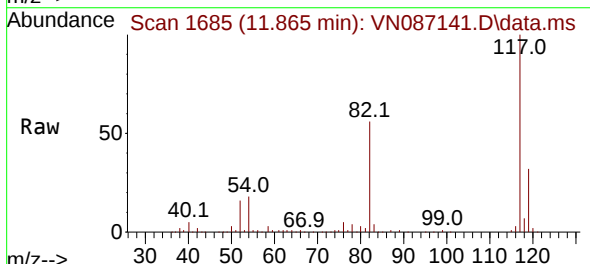
Instrument :
MSVOA_N
ClientSampleId :
3897

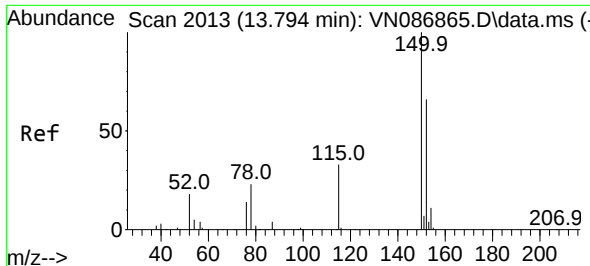
Tgt Ion: 95 Resp: 150793
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.8
176 69.7 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087141.D
Acq: 20 Jun 2025 15:50

Tgt Ion: 117 Resp: 326455
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.7 25.5 38.3

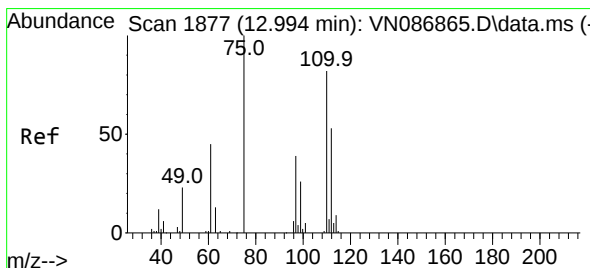
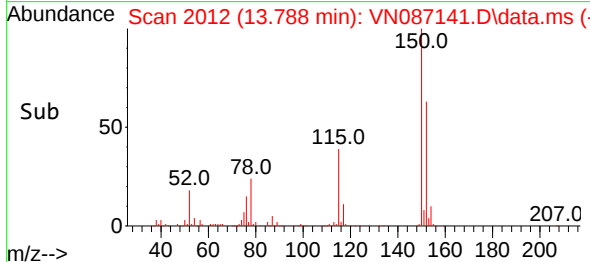
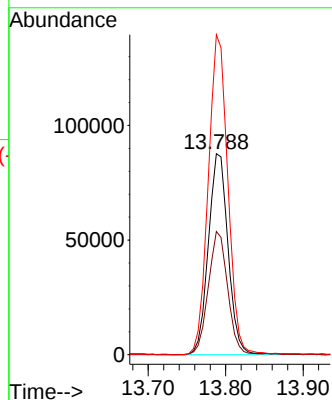
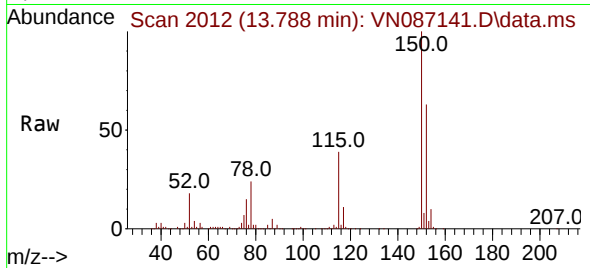




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087141.D
 Acq: 20 Jun 2025 15:50

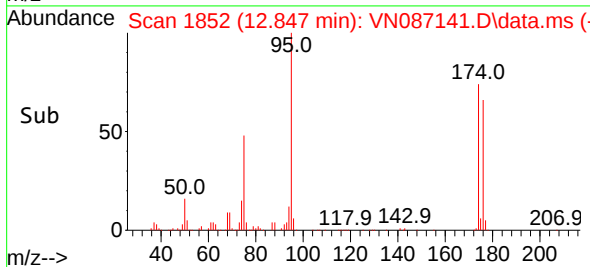
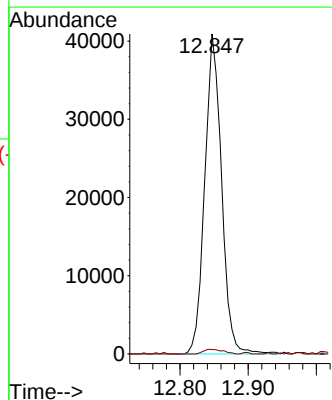
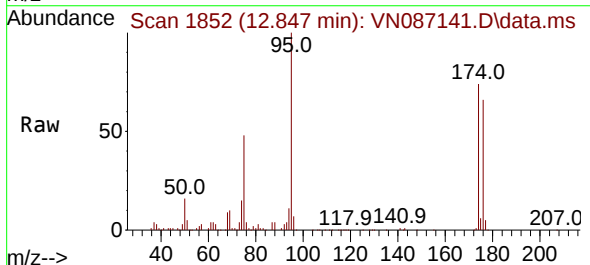
Instrument :
 MSVOA_N
 ClientSampleId :
 3897

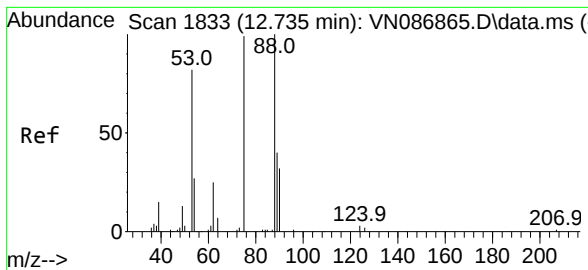
Tgt Ion:152 Resp: 154668
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.1 90.5
 150 158.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.104 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087141.D
 Acq: 20 Jun 2025 15:50

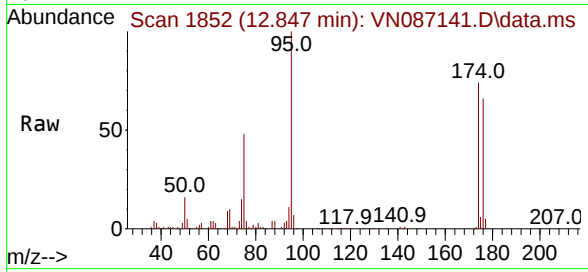
Tgt Ion: 75 Resp: 70237
 Ion Ratio Lower Upper
 75 100
 77 1.7 79.3 237.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.977 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN087141.D
 Acq: 20 Jun 2025 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 3897



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	66.6	99.8#
89	0.0	36.7	55.1#

