

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086969.D
 Acq On : 12 Jun 2025 11:55
 Operator : JC\MD
 Sample : VN0612WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBL01

Quant Time: Jun 13 01:24:42 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)

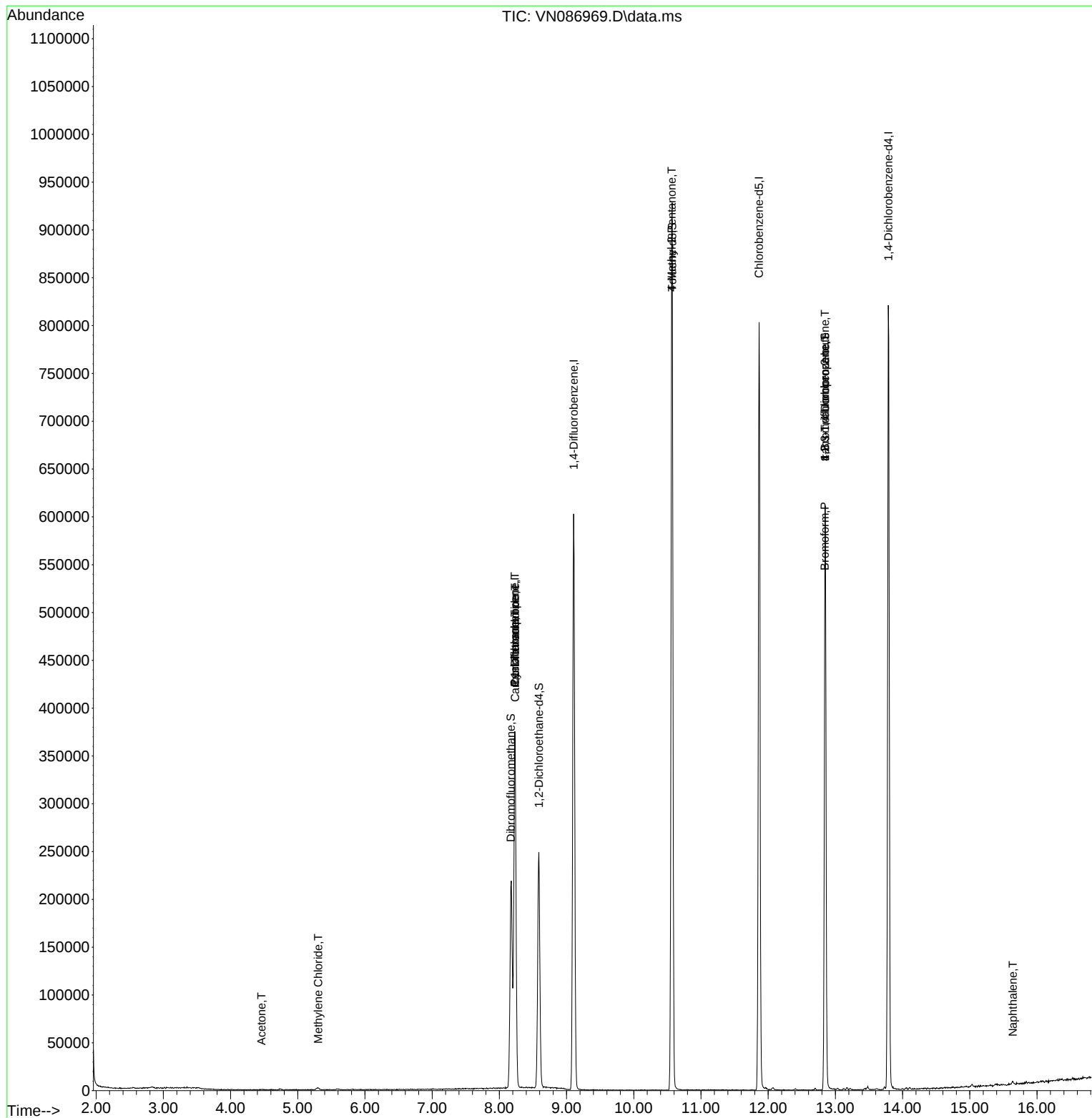
Internal Standards						
1) Pentafluorobenzene	8.230	168	293212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	559485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	496764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	239856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199589	50.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.680%			
35) Dibromofluoromethane	8.171	113	168556	50.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	10.571	98	688131	52.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.847	95	245215	50.284	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.560%			
Target Compounds					Qvalue	
16) Acetone	4.459	43	453	0.218	ug/l #	40
20) Methylene Chloride	5.306	84	1851	0.475	ug/l #	69
31) Cyclohexane	8.230	56	5372	0.844	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	22476	4.549	ug/l #	47
38) Carbon Tetrachloride	8.236	117	29169	6.014	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2435	0.401	ug/l #	1
71) Bromoform	12.841	173	1275	0.489	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	113303	19.873	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	113303	45.746	ug/l #	16
95) Naphthalene	15.641	128	3644	0.202	ug/l #	88

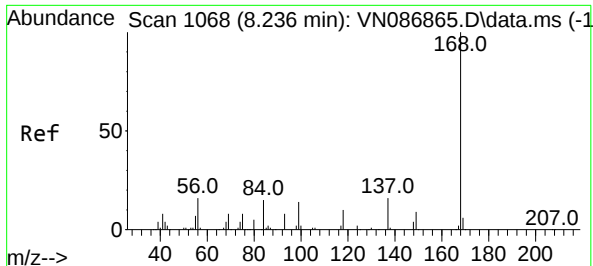
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086969.D
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Sample : VN0612WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0612WBL01

Quant Time: Jun 13 01:24:42 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

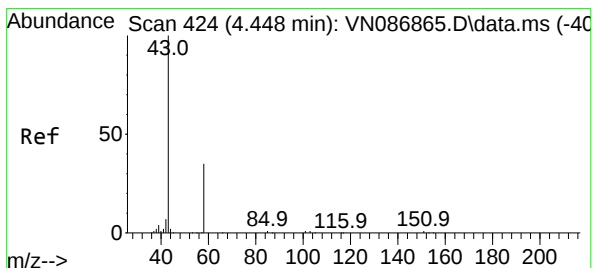
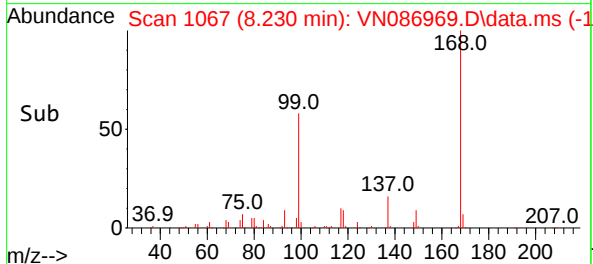
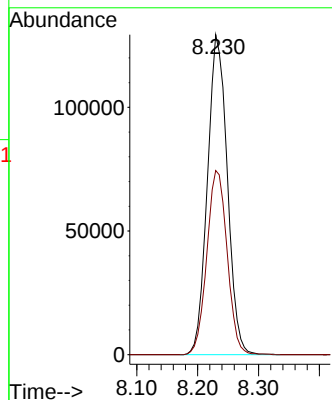
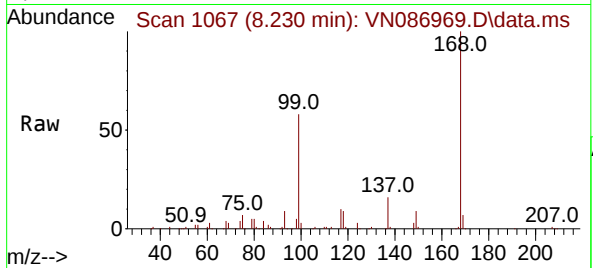




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

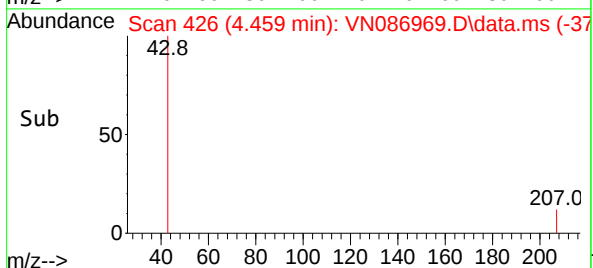
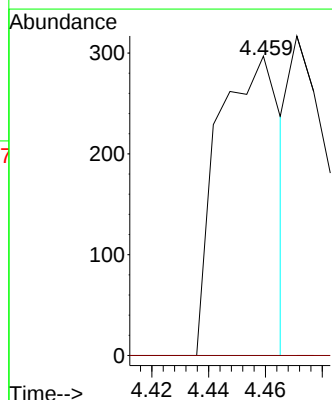
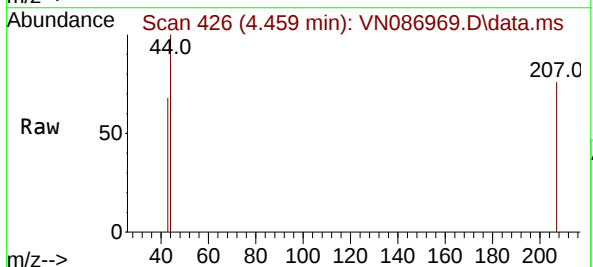
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

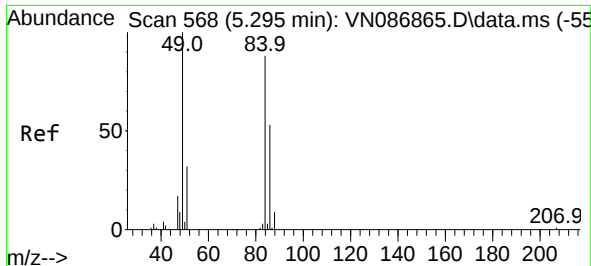
Tgt Ion:168 Resp: 293212
Ion Ratio Lower Upper
168 100
99 57.5 49.1 73.7



#16
Acetone
Concen: 0.218 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

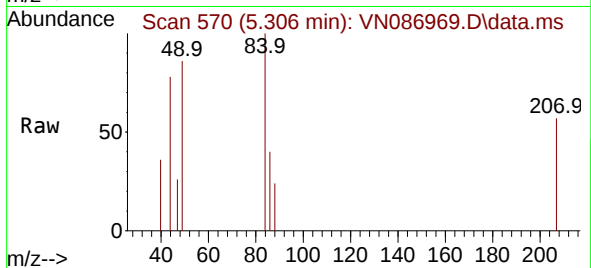
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



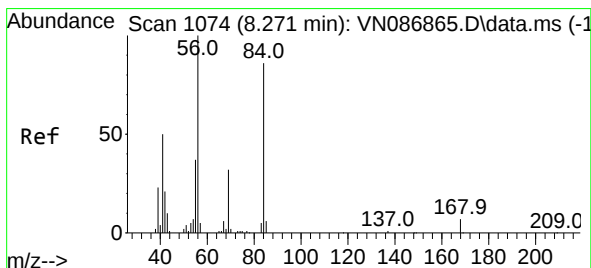
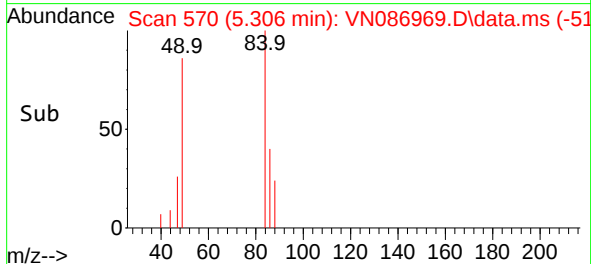
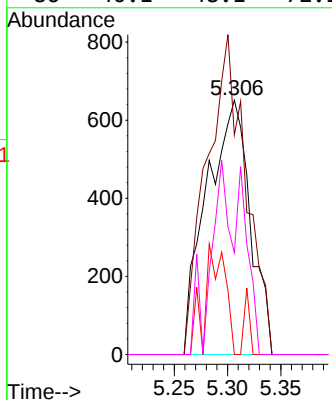


#20
Methylene Chloride
Concen: 0.475 ug/l
RT: 5.306 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

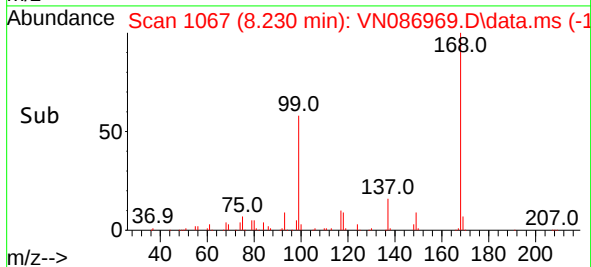
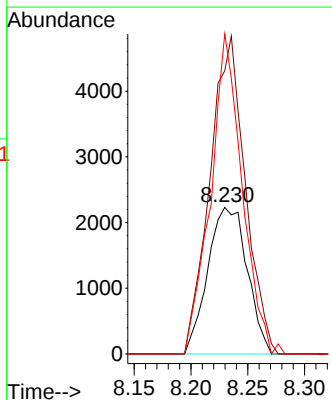
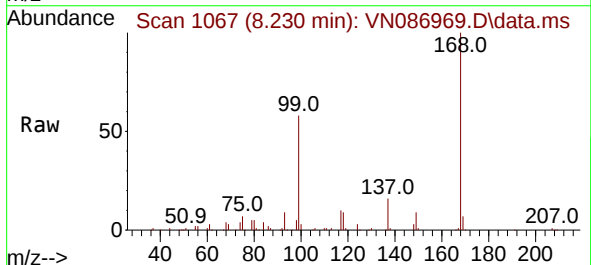


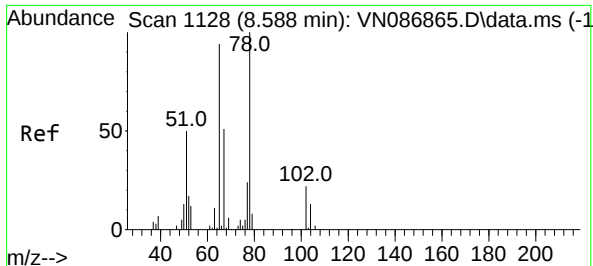
Tgt Ion: 84 Resp: 1851
Ion Ratio Lower Upper
84 100
49 86.3 90.5 135.7#
51 0.0 28.5 42.7#
86 40.1 48.1 72.1#



#31
Cyclohexane
Concen: 0.844 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Tgt Ion: 56 Resp: 5372
Ion Ratio Lower Upper
56 100
69 193.2 25.4 38.0#
84 218.3 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.841 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086969.D

Acq: 12 Jun 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

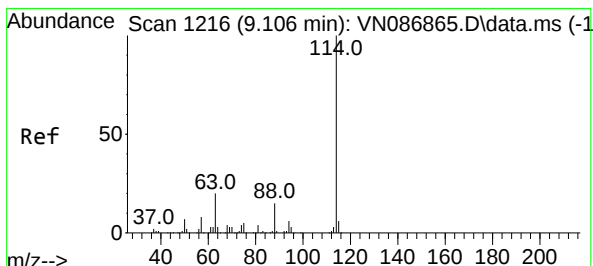
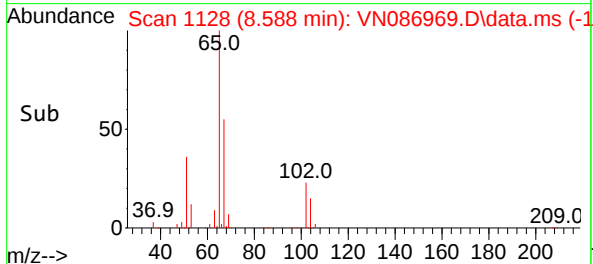
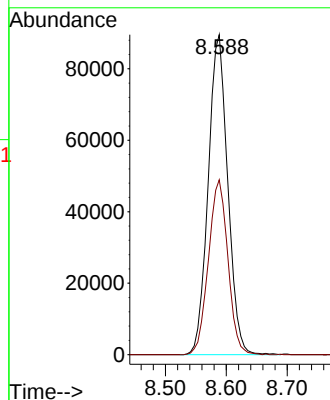
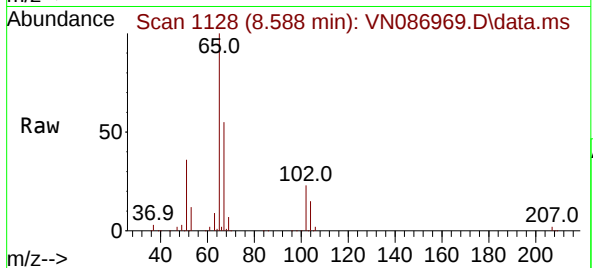
VN0612WBL01

Tgt Ion: 65 Resp: 199589

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086969.D

Acq: 12 Jun 2025 11:55

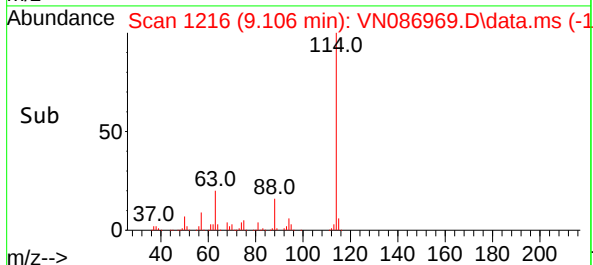
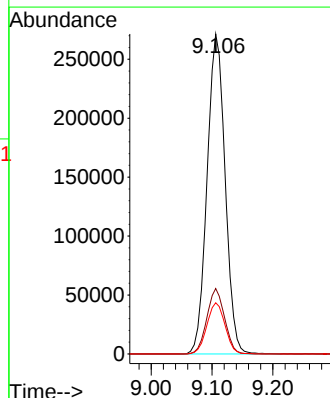
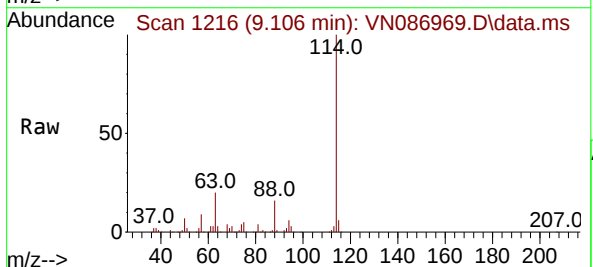
Tgt Ion: 114 Resp: 559485

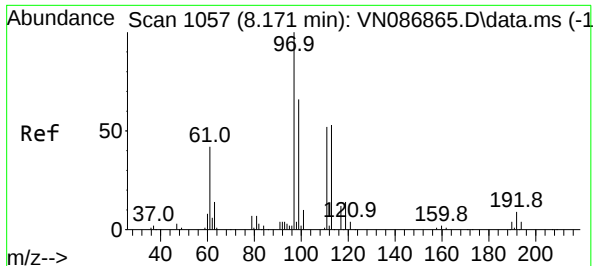
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 16.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.837 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086969.D

Acq: 12 Jun 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBL01

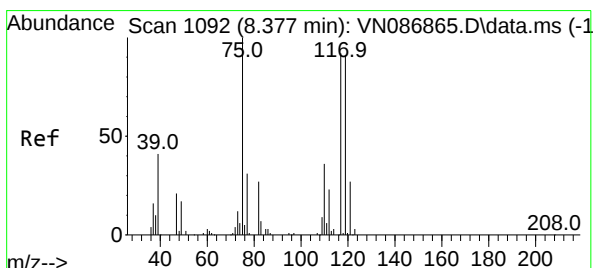
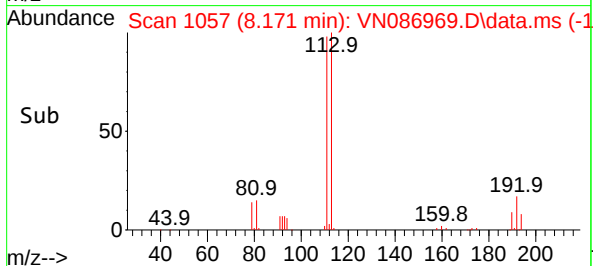
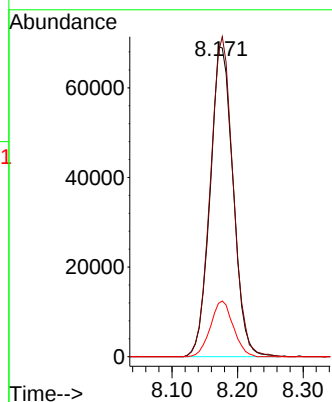
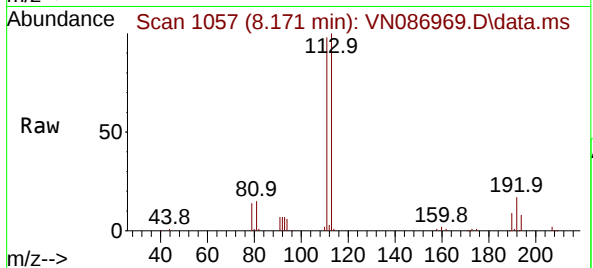
Tgt Ion:113 Resp: 168556

Ion Ratio Lower Upper

113 100

111 102.1 84.2 126.2

192 17.8 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.549 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN086969.D

Acq: 12 Jun 2025 11:55

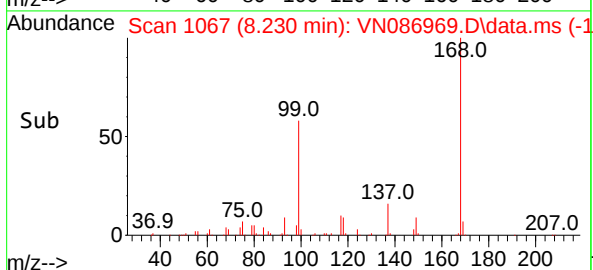
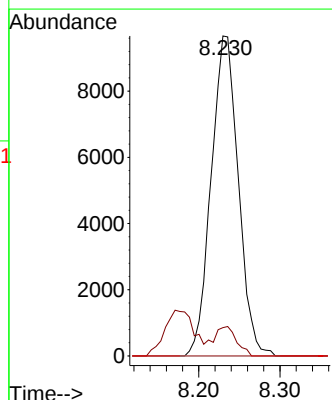
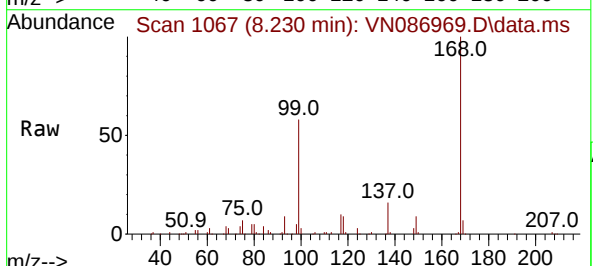
Tgt Ion: 75 Resp: 22476

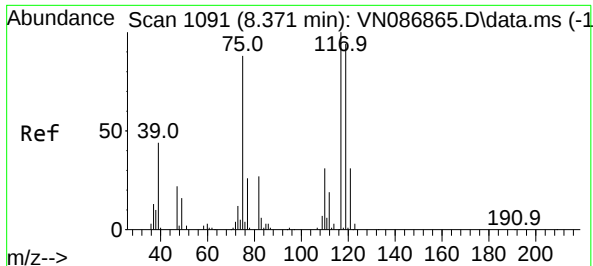
Ion Ratio Lower Upper

75 100

110 6.4 17.6 52.9#

77 0.0 25.3 37.9#

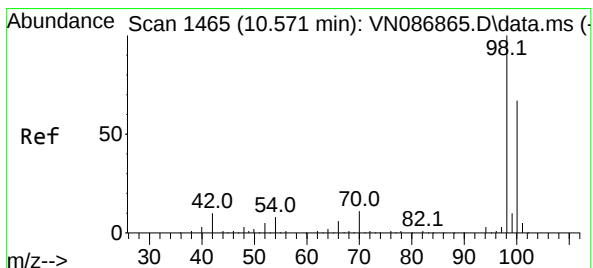
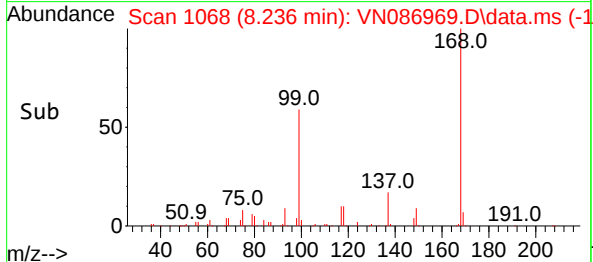
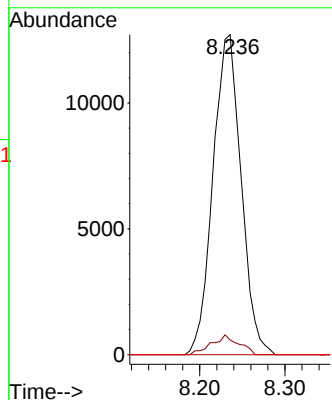
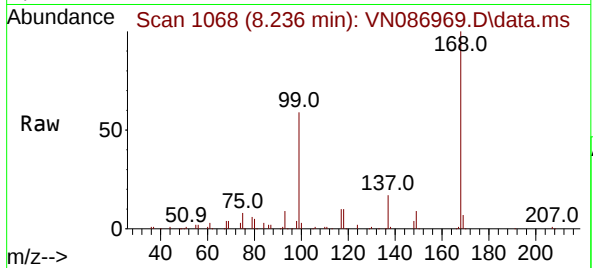




#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 8.236 min Scan# 1091
Delta R.T. -0.135 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

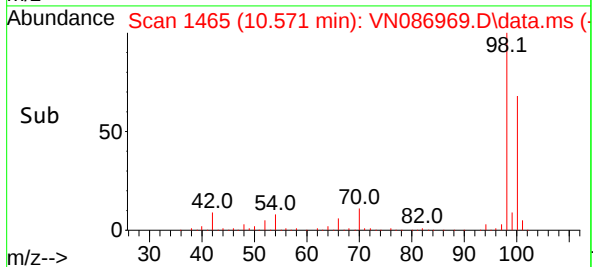
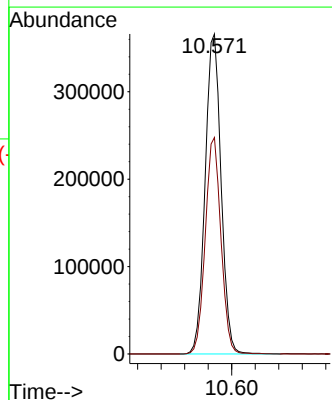
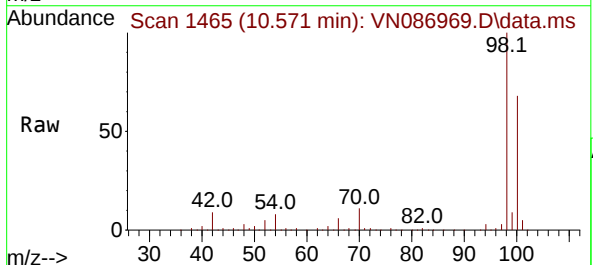
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

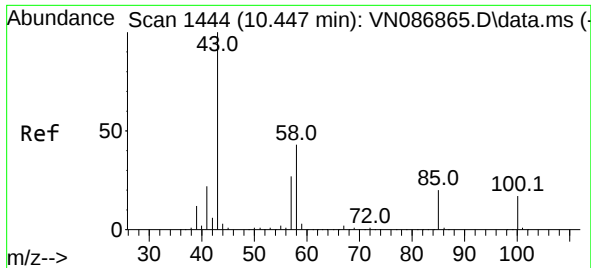
Tgt Ion:117 Resp: 29169
Ion Ratio Lower Upper
117 100
119 4.6 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 52.426 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Tgt Ion: 98 Resp: 688131
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0

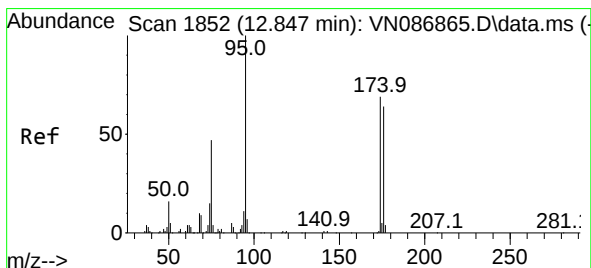
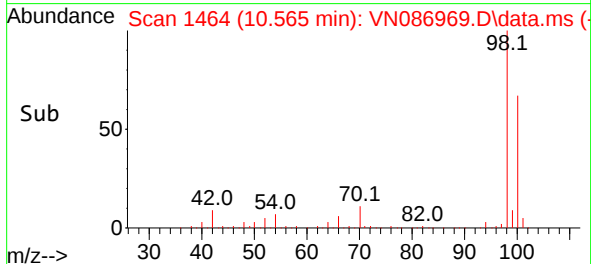
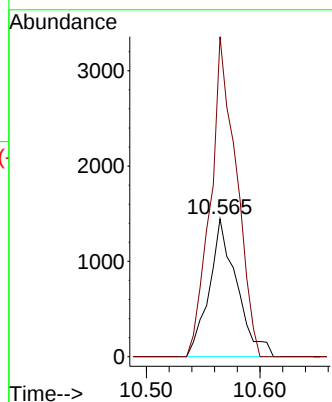
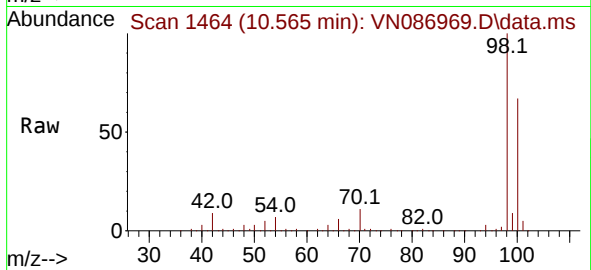




#51
 4-Methyl-2-Pentanone
 Concen: 0.401 ug/l
 RT: 10.565 min Scan# 1444
 Delta R.T. 0.118 min
 Lab File: VN086969.D
 Acq: 12 Jun 2025 11:55

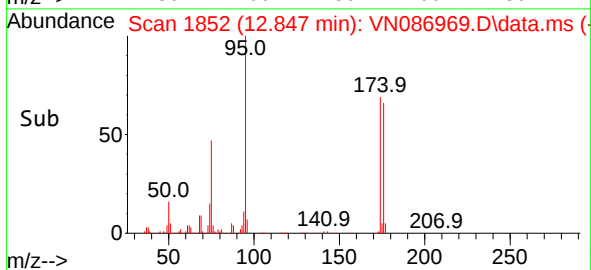
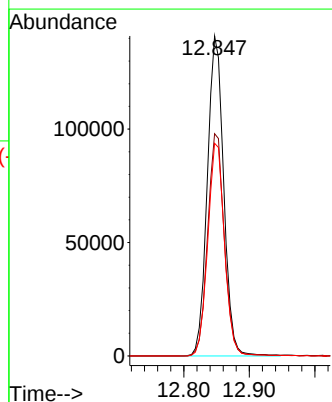
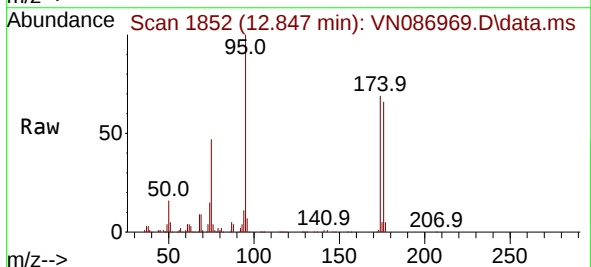
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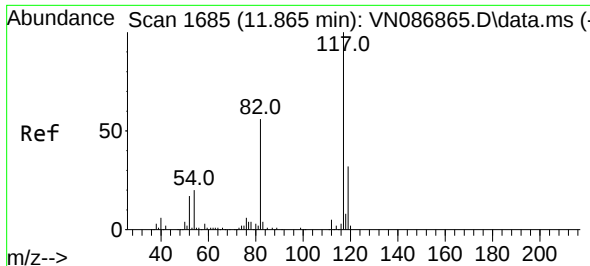
Tgt Ion: 43 Resp: 2435
 Ion Ratio Lower Upper
 43 100
 58 218.4 34.2 51.4#



#62
 4-Bromofluorobenzene
 Concen: 50.284 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN086969.D
 Acq: 12 Jun 2025 11:55

Tgt Ion: 95 Resp: 245215
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 141.8
 176 67.9 0.0 132.6

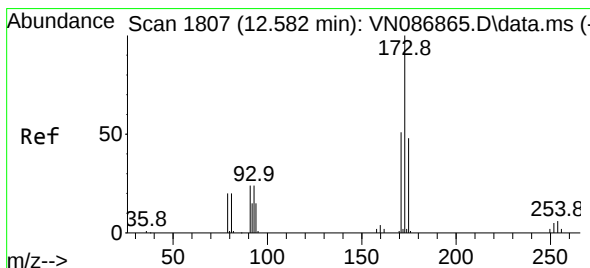
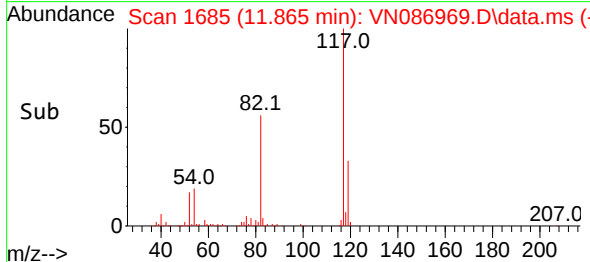
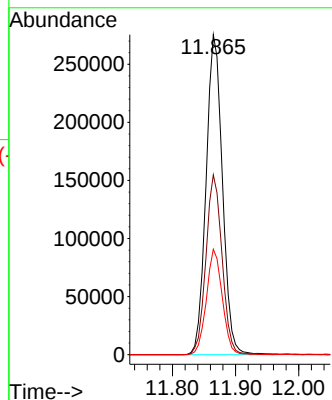
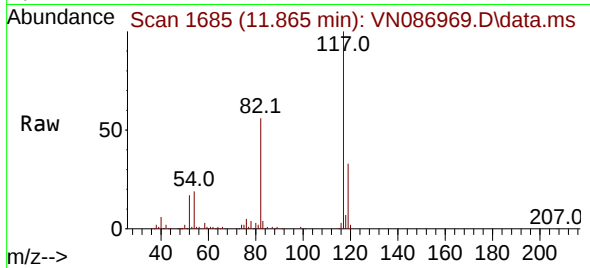




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

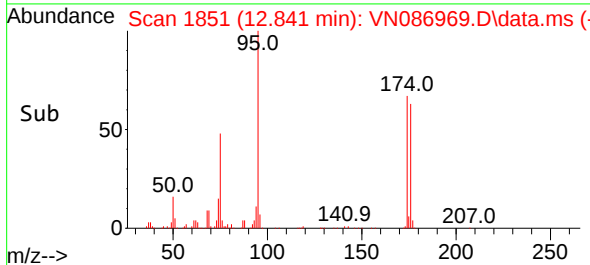
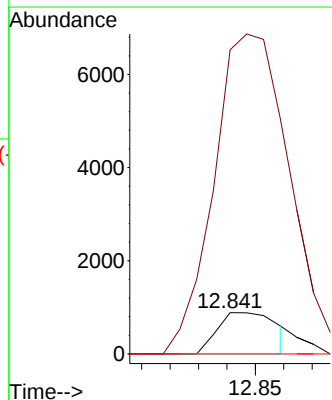
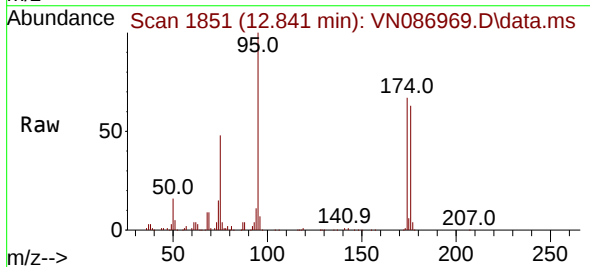
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

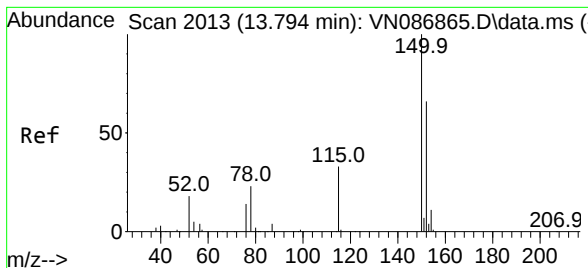
Tgt Ion:117 Resp: 496764
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 32.9 25.5 38.3



#71
Bromoform
Concen: 0.489 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Tgt Ion:173 Resp: 1275
Ion Ratio Lower Upper
173 100
175 853.6 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN086969.D

Acq: 12 Jun 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBL01

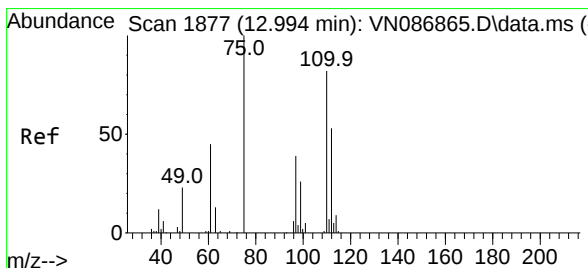
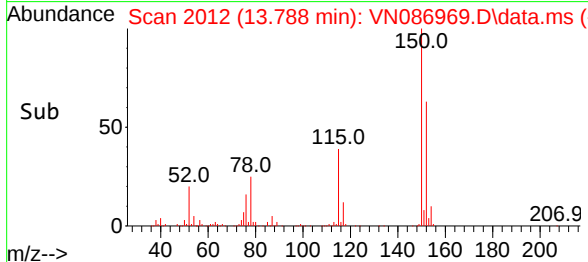
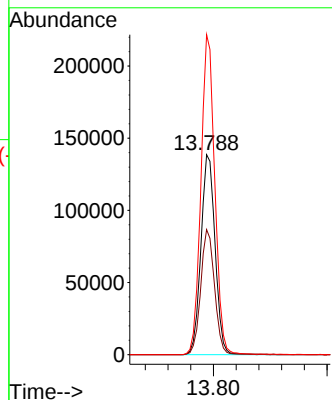
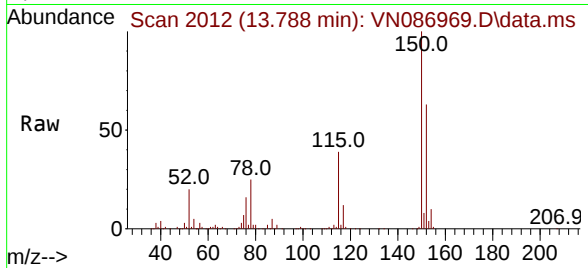
Tgt Ion:152 Resp: 239856

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.5

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.873 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN086969.D

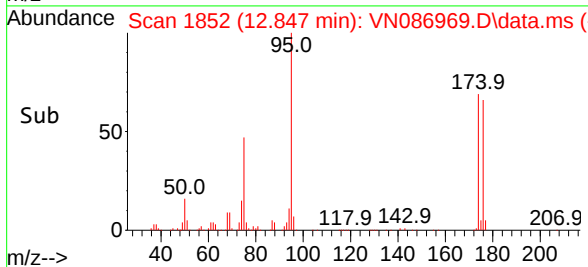
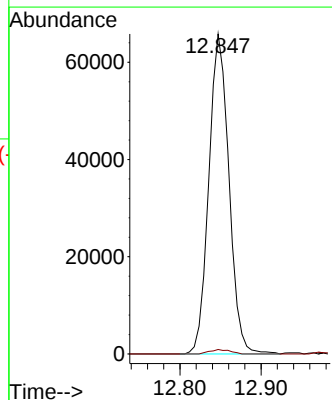
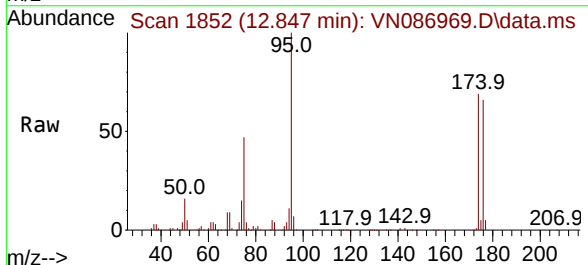
Acq: 12 Jun 2025 11:55

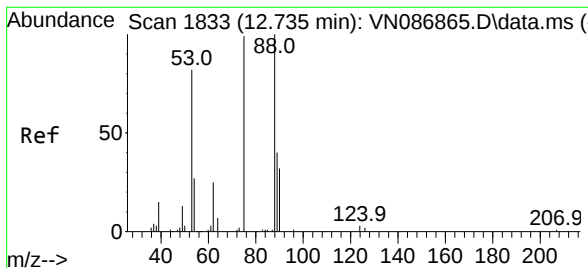
Tgt Ion: 75 Resp: 113303

Ion Ratio Lower Upper

75 100

77 1.4 79.3 237.9#

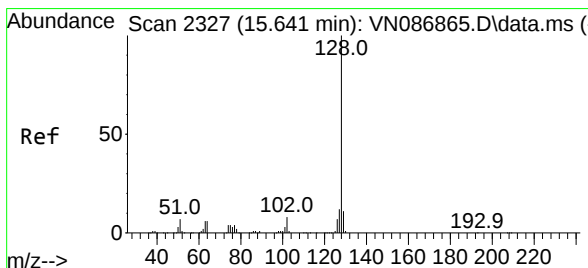
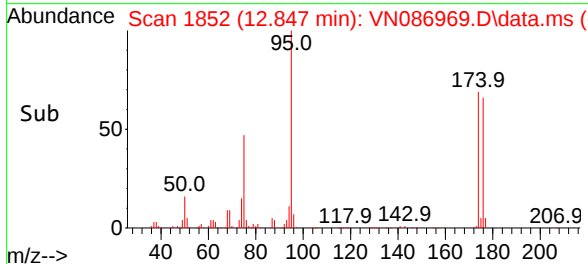
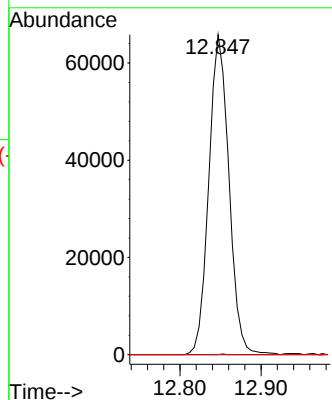
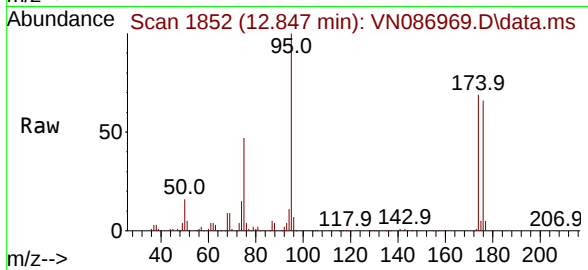




#81
trans-1,4-Dichloro-2-butene
Concen: 45.746 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

Tgt Ion: 75 Resp: 113303
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.1 36.7 55.1#



#95
Naphthalene
Concen: 0.202 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Tgt Ion:128 Resp: 3644
Ion Ratio Lower Upper
128 100
127 4.9 10.2 15.2#
129 12.0 8.8 13.2

