

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086915.D
 Acq On : 10 Jun 2025 10:09
 Operator : JC\MD
 Sample : VN0610WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBL01

Quant Time: Jun 11 01:48:33 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)

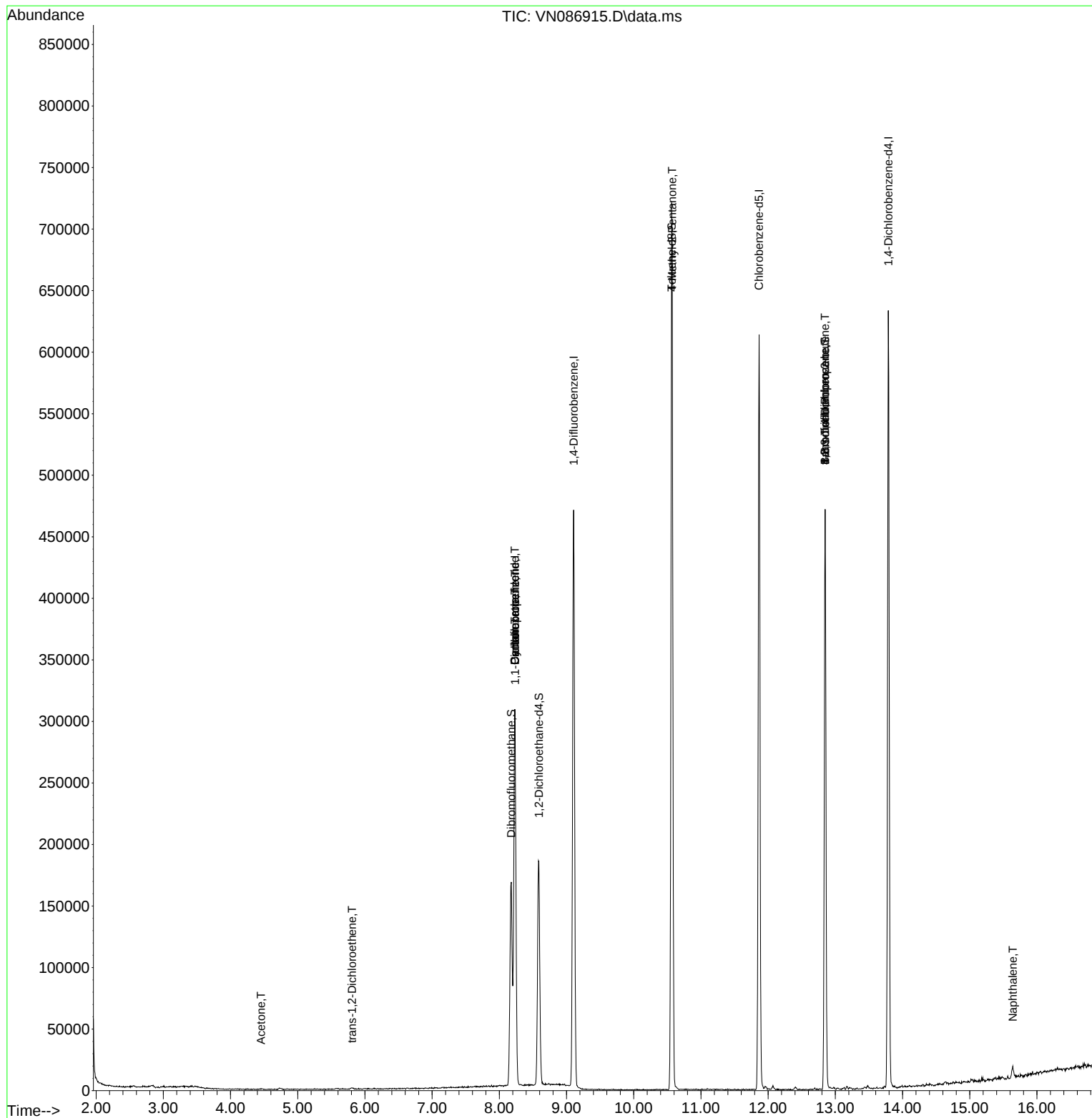
Internal Standards						
1) Pentafluorobenzene	8.230	168	241251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	440901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	386425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	183380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	150863	46.706	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.420%		
35) Dibromofluoromethane	8.177	113	127940	48.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	10.565	98	532983	51.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.060%		
62) 4-Bromofluorobenzene	12.847	95	188114	48.950	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.900%		
Target Compounds					Qvalue	
16) Acetone	4.453	43	866	0.506	ug/l #	77
21) trans-1,2-Dichloroethene	5.806	96	735	0.246	ug/l #	32
31) Cyclohexane	8.230	56	4292	0.819	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	18168	4.666	ug/l #	48
38) Carbon Tetrachloride	8.230	117	23676	6.194	ug/l #	19
51) 4-Methyl-2-Pentanone	10.571	43	1781	0.372	ug/l #	1
71) Bromoform	12.847	173	923	0.455	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	88528	20.309	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	88528	46.751	ug/l #	16
95) Naphthalene	15.641	128	8912	0.647	ug/l	96

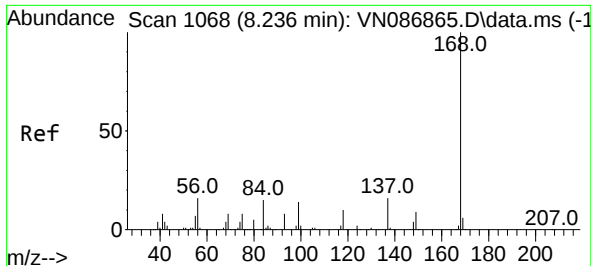
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
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ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Jun 11 01:48:33 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

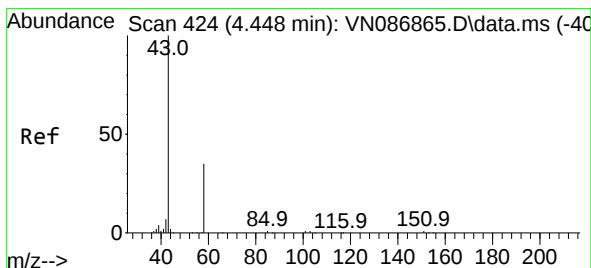
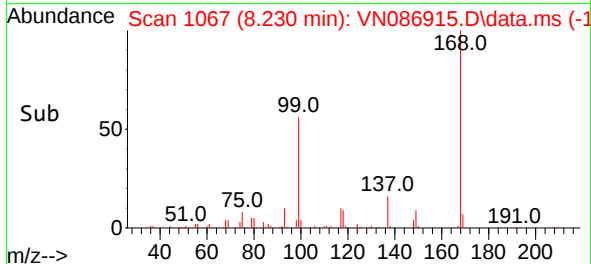
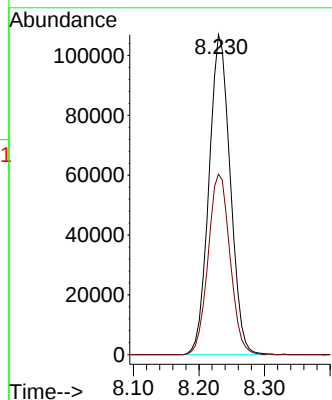
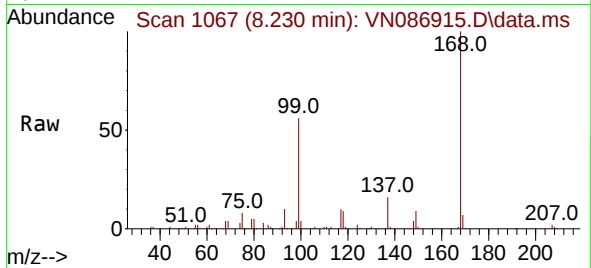




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

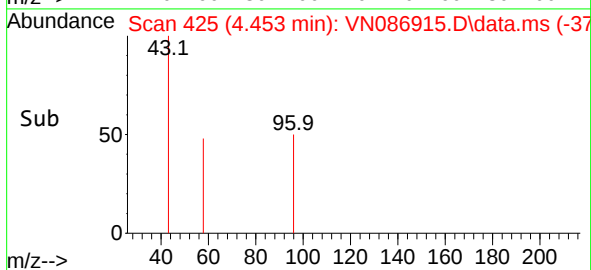
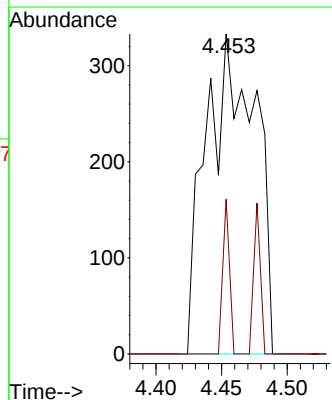
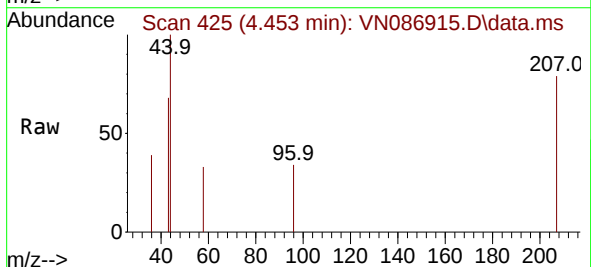
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

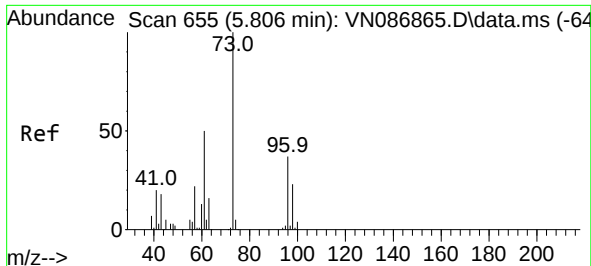
Tgt Ion:168 Resp: 241251
Ion Ratio Lower Upper
168 100
99 56.4 49.1 73.7



#16
Acetone
Concen: 0.506 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 48.3 28.0 42.0#

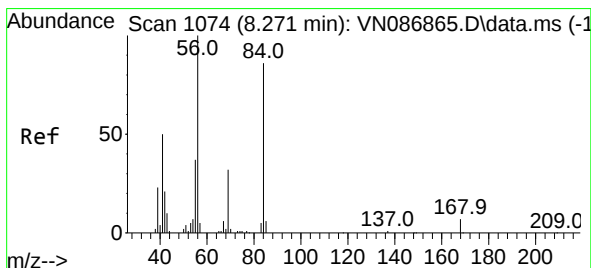
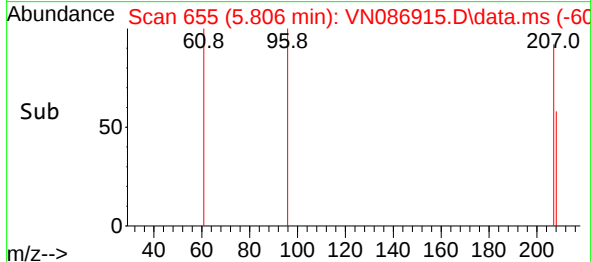
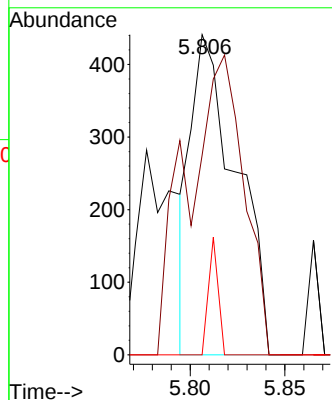
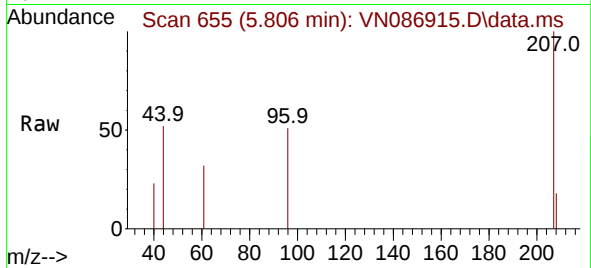




#21
trans-1,2-Dichloroethene
Concen: 0.246 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

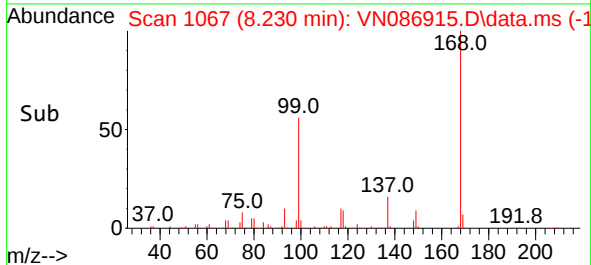
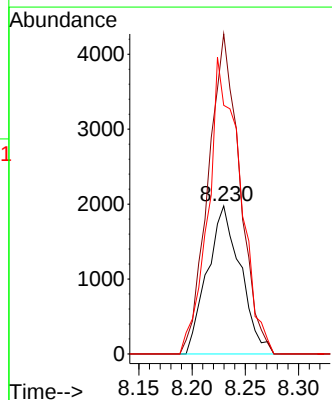
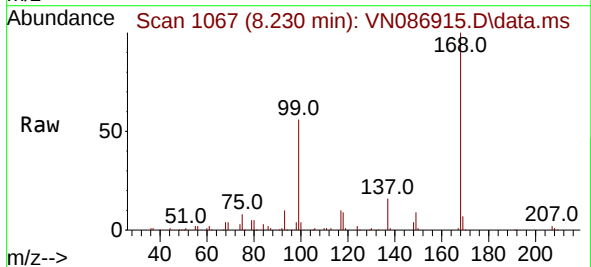
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

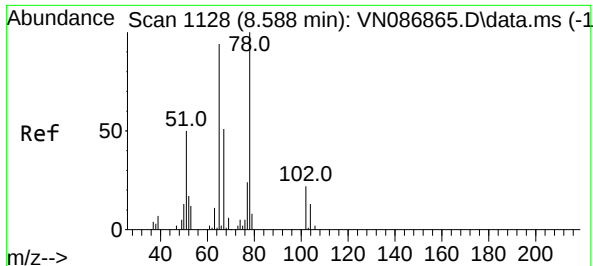
Tgt Ion: 96 Resp: 735
Ion Ratio Lower Upper
96 100
61 62.4 109.2 163.8#
98 0.0 49.8 74.8#



#31
Cyclohexane
Concen: 0.819 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion: 56 Resp: 4292
Ion Ratio Lower Upper
56 100
69 216.1 25.4 38.0#
84 167.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 46.706 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN086915.D

Acq: 10 Jun 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

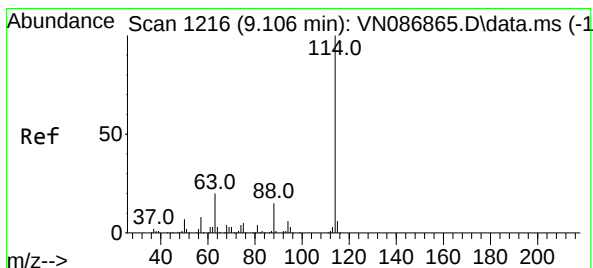
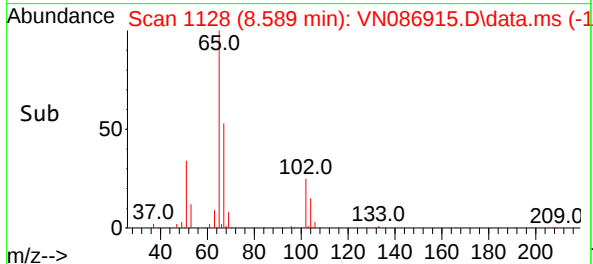
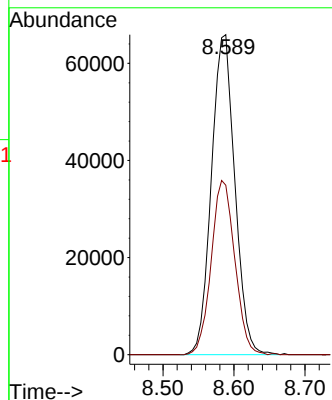
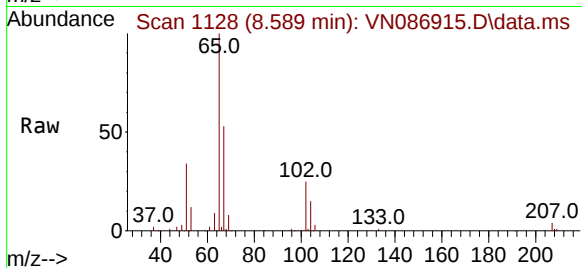
VN0610WBL01

Tgt Ion: 65 Resp: 150863

Ion Ratio Lower Upper

65 100

67 54.8 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: VN086915.D

Acq: 10 Jun 2025 10:09

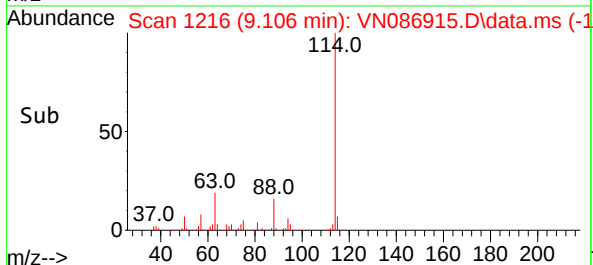
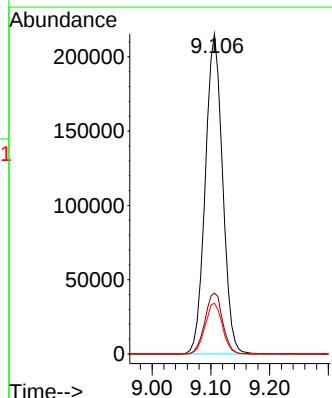
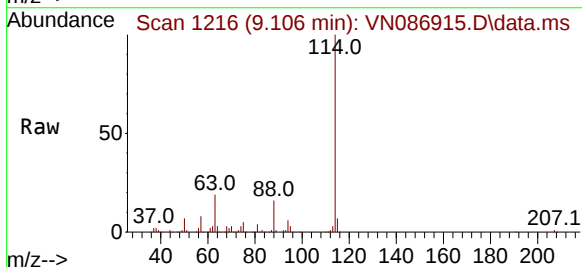
Tgt Ion: 114 Resp: 440901

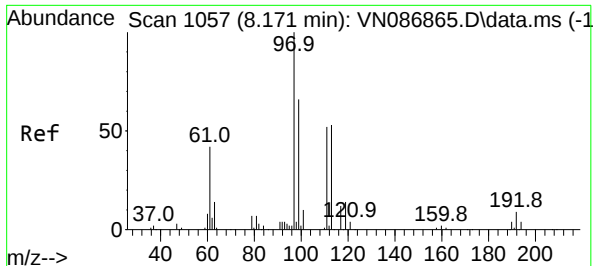
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.9 0.0 30.2

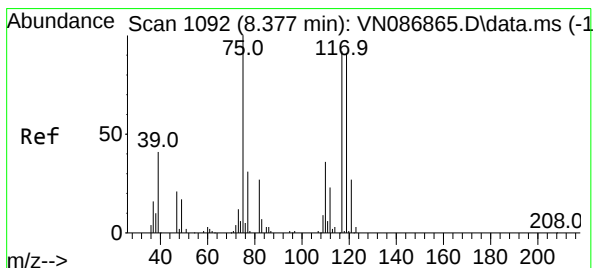
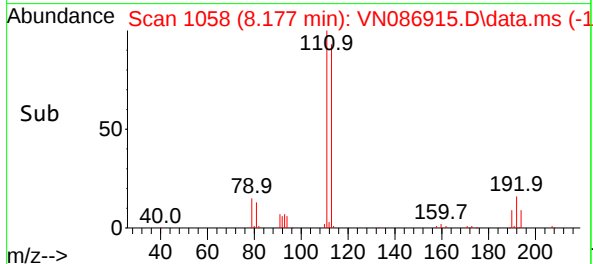
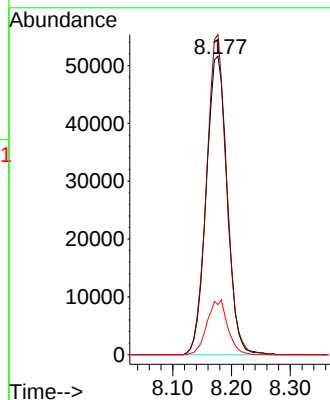
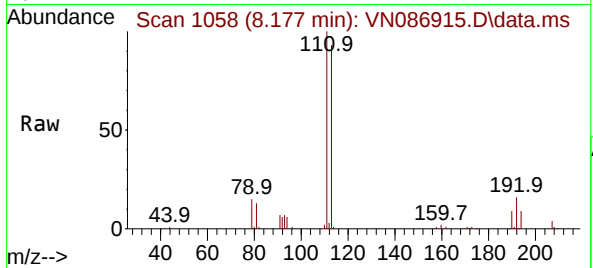




#35
Dibromofluoromethane
Concen: 48.965 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

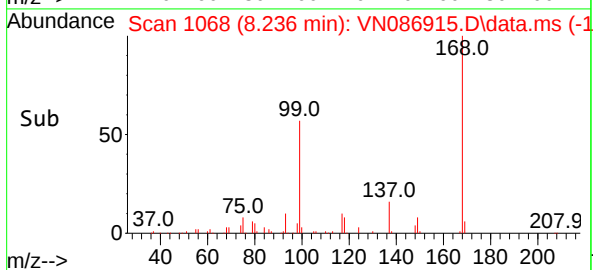
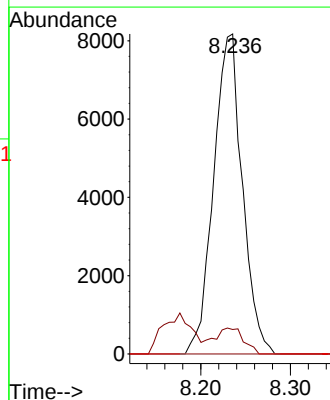
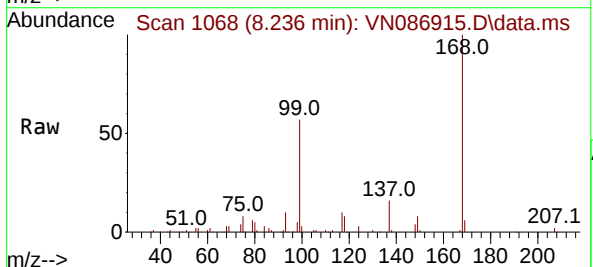
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

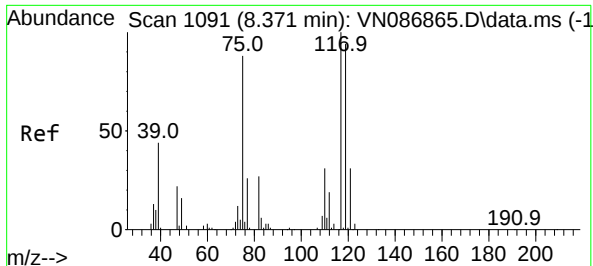
Tgt Ion:113 Resp: 127940
Ion Ratio Lower Upper
113 100
111 103.3 84.2 126.2
192 18.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion: 75 Resp: 18168
Ion Ratio Lower Upper
75 100
110 7.9 17.6 52.9#
77 0.0 25.3 37.9#

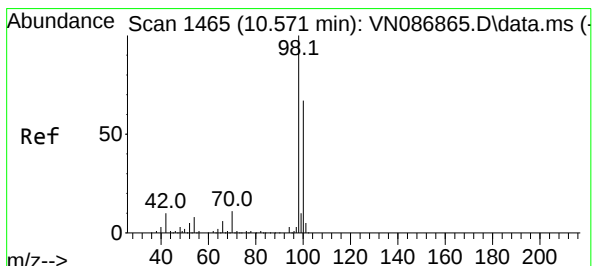
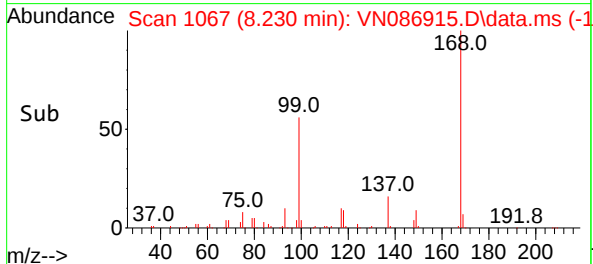
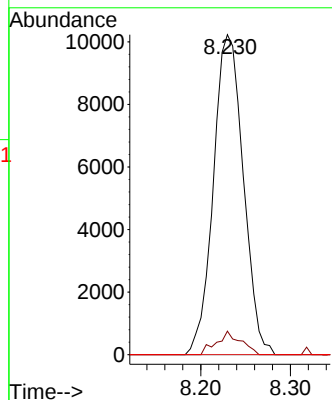
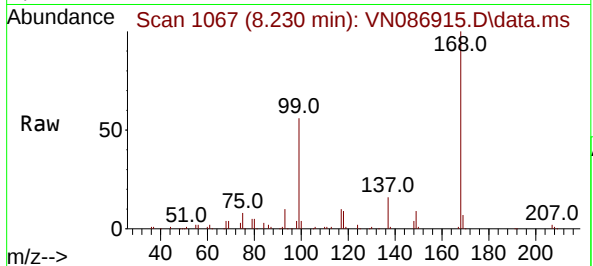




#38
Carbon Tetrachloride
Concen: 6.194 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

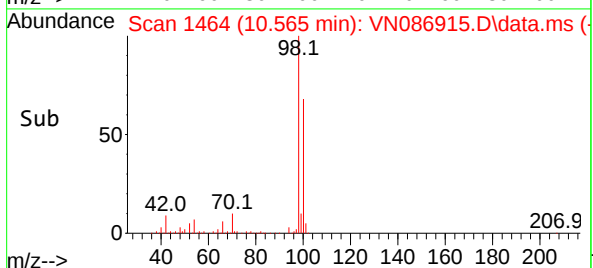
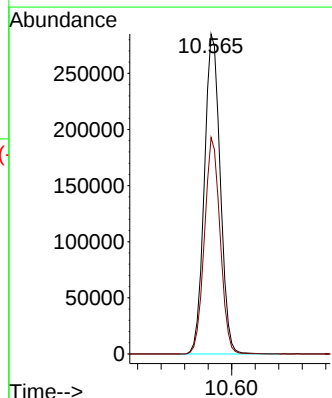
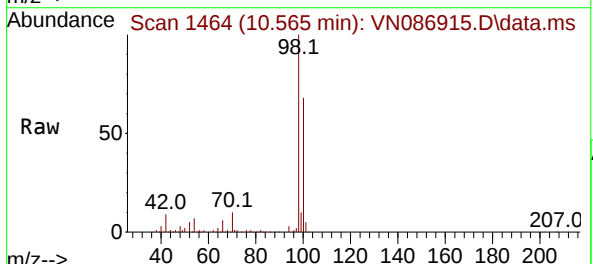
Instrument :
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ClientSampleId :
VN0610WBL01

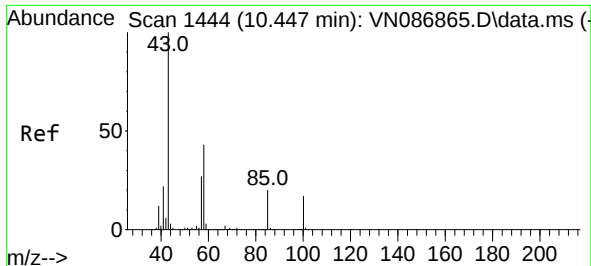
Tgt Ion:117 Resp: 23676
Ion Ratio Lower Upper
117 100
119 7.4 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 51.527 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion: 98 Resp: 532983
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0

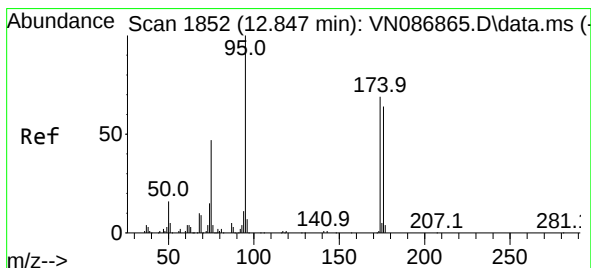
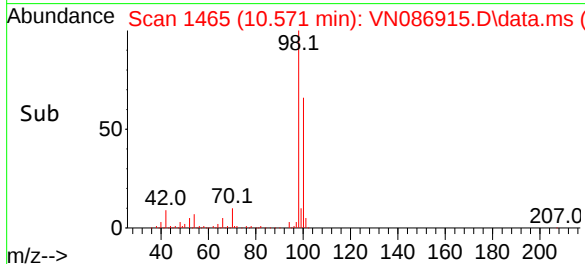
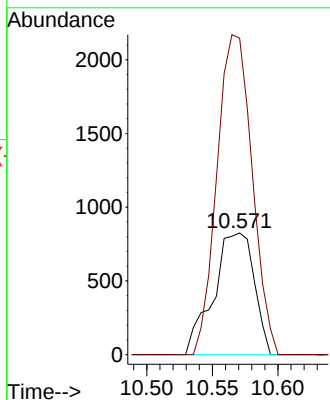
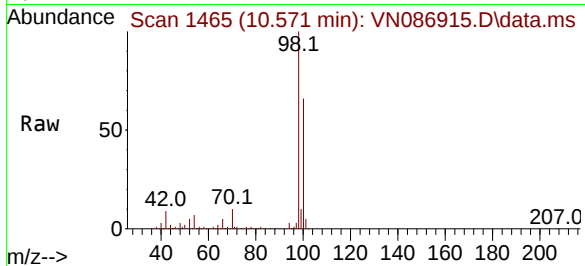




#51
4-Methyl-2-Pentanone
Concen: 0.372 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

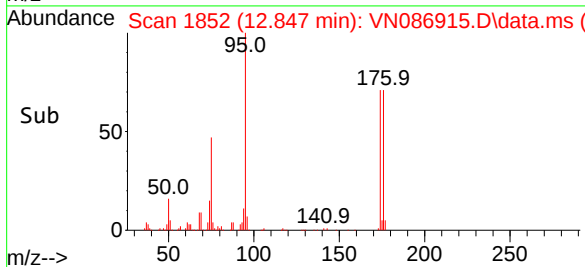
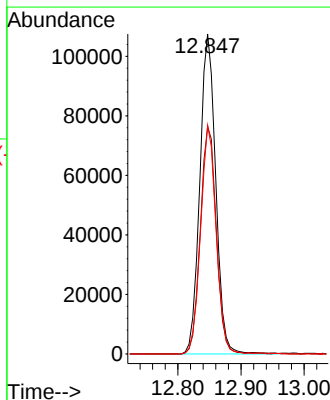
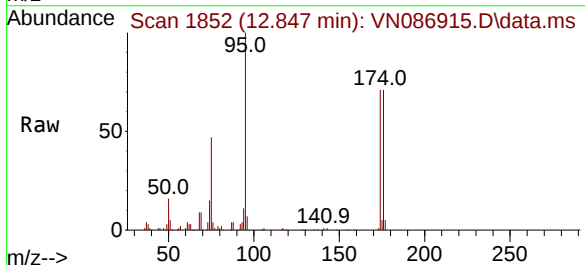
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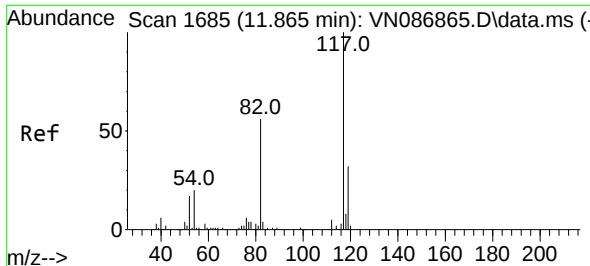
Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
58 227.3 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 48.950 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion: 95 Resp: 188114
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.8
176 69.4 0.0 132.6

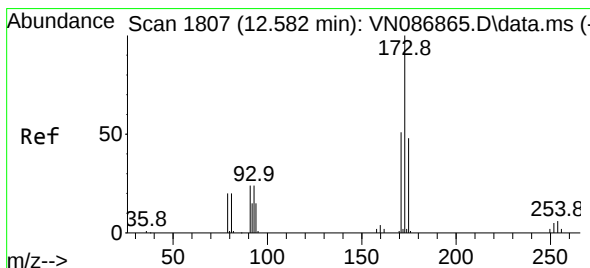
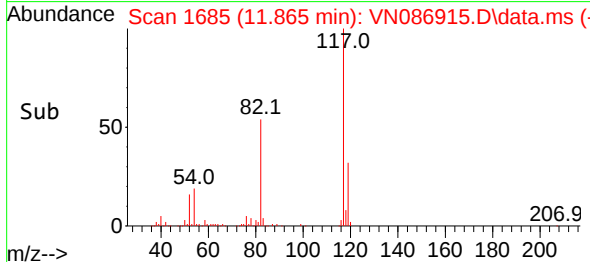
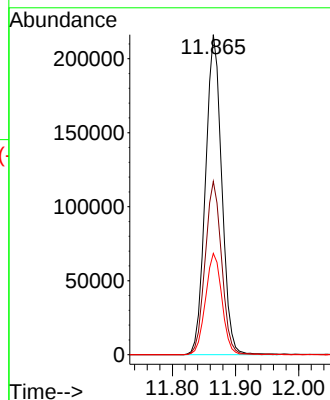
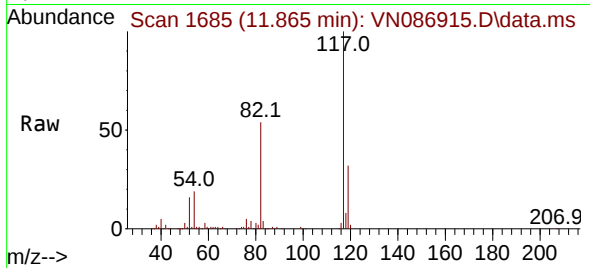




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

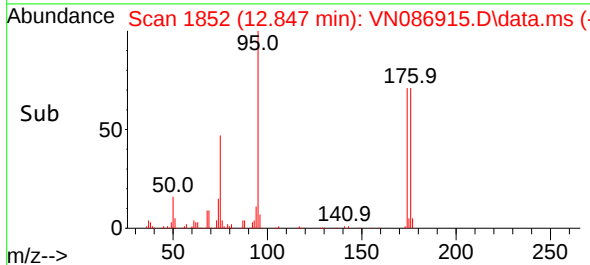
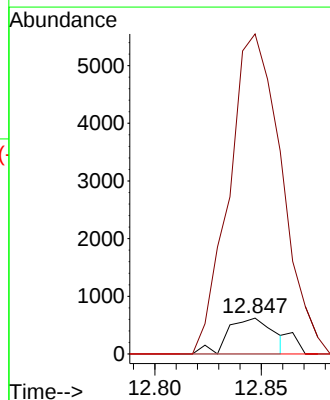
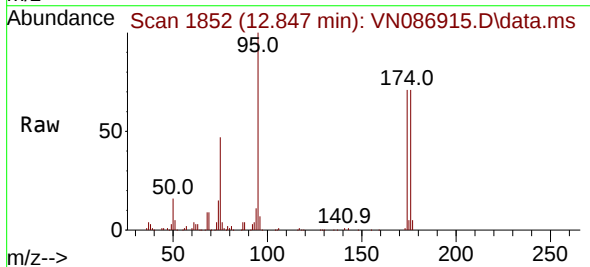
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

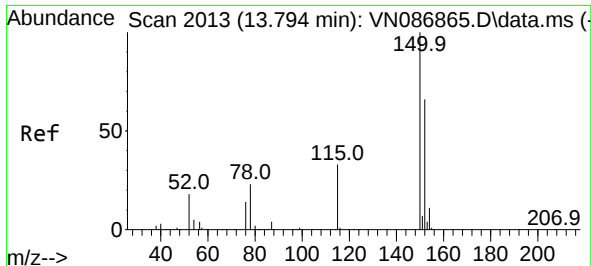
Tgt Ion:117 Resp: 386425
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.455 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion:173 Resp: 923
Ion Ratio Lower Upper
173 100
175 925.0 24.1 72.4#
254 0.0 0.0 0.0

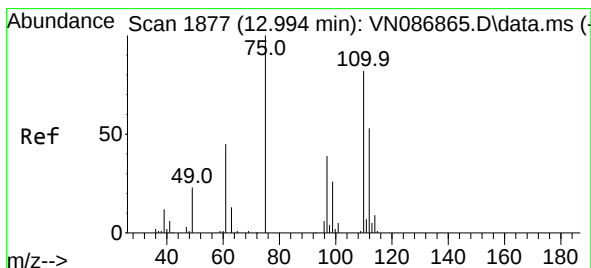
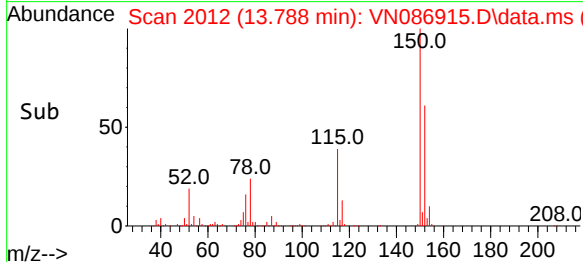
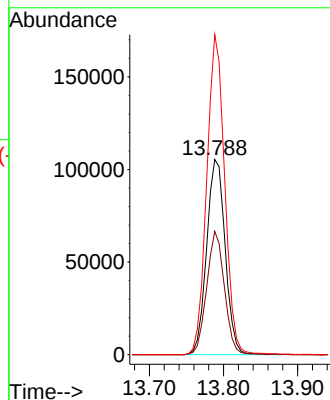
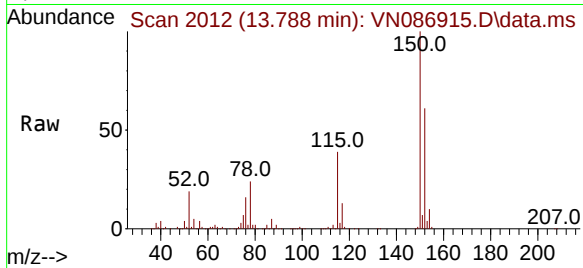




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086915.D
 Acq: 10 Jun 2025 10:09

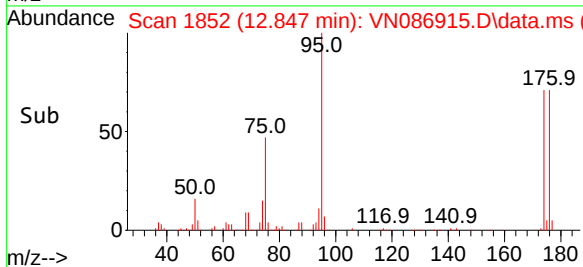
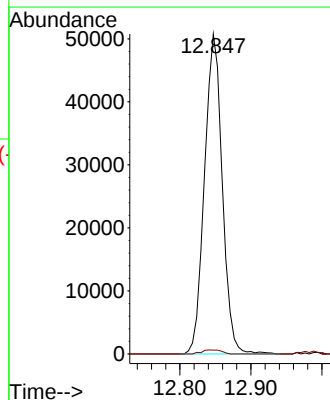
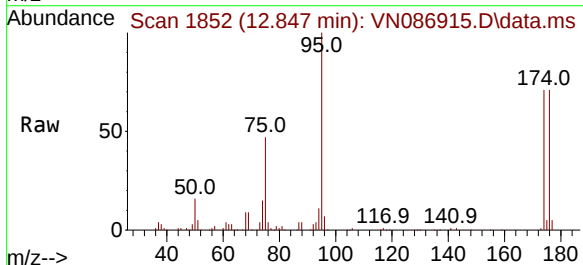
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBL01

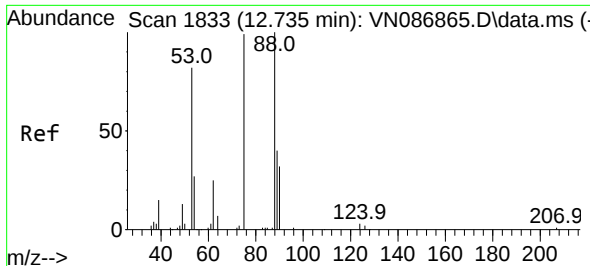
Tgt Ion:152 Resp: 183380
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.1 90.5
 150 158.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.309 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086915.D
 Acq: 10 Jun 2025 10:09

Tgt Ion: 75 Resp: 88528
 Ion Ratio Lower Upper
 75 100
 77 1.4 79.3 237.9#

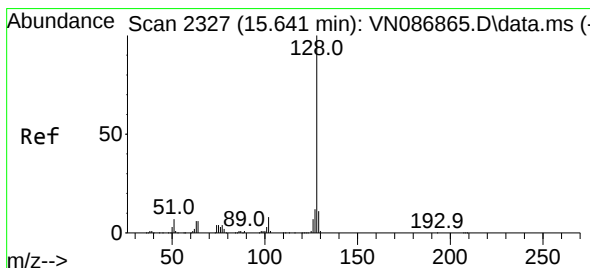
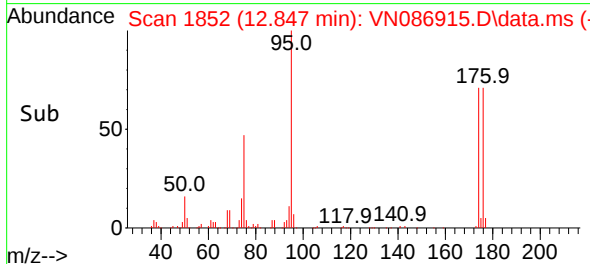
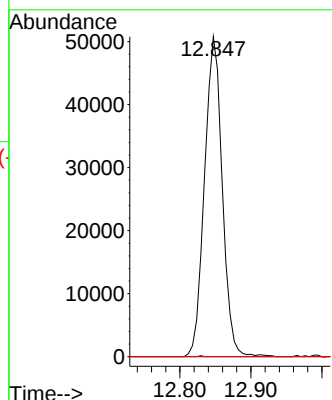
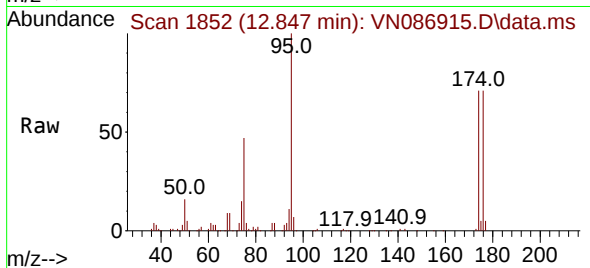




#81
trans-1,4-Dichloro-2-butene
Concen: 46.751 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion: 75 Resp: 88528
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.1 36.7 55.1#



#95
Naphthalene
Concen: 0.647 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion: 128 Resp: 8912
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.2
129 9.3 8.8 13.2

