

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086756.D
 Acq On : 22 May 2025 11:06
 Operator : JC\MD
 Sample : Q2078-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A4-04-GRE

Quant Time: May 23 01:33:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	239210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	440051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	419182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	202121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	147748	44.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.400%		
35) Dibromofluoromethane	8.165	113	91664	34.977	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	69.960%#		
50) Toluene-d8	10.565	98	554232	51.033	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.060%		
62) 4-Bromofluorobenzene	12.847	95	207802	54.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	959	0.245	ug/l #	84
4) Vinyl Chloride	2.512	62	2111	0.602	ug/l	97
5) Bromomethane	2.977	94	542	0.268	ug/l #	80
10) Methyl Iodide	4.583	142	637	0.204	ug/l #	43
11) Tert butyl alcohol	5.500	59	271	0.450	ug/l #	73
16) Acetone	4.424	43	45718	36.975	ug/l	97
17) Carbon Disulfide	4.718	76	8100	1.097	ug/l	96
18) Methyl Acetate	5.030	43	1574	0.455	ug/l #	57
20) Methylene Chloride	5.271	84	4446	1.363	ug/l #	88
25) 2-Butanone	7.482	43	7768	4.066	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	10312	2.978	ug/l	87
29) Tetrahydrofuran	7.835	42	1232	0.988	ug/l	91
31) Cyclohexane	8.224	56	4886	0.985	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17792	4.603	ug/l #	42
37) Ethyl Acetate	7.482	43	7768	1.989	ug/l #	1
38) Carbon Tetrachloride	8.218	117	22685	5.956	ug/l #	15
39) Methylcyclohexane	9.600	83	3941	0.942	ug/l	88
40) Benzene	8.606	78	178660	14.168	ug/l	96
41) Methacrylonitrile	7.841	41	630	0.299	ug/l #	29
43) Isopropyl Acetate	8.677	43	2386	0.305	ug/l #	54
44) Trichloroethene	9.353	130	2571	0.845	ug/l	99
47) Bromodichloromethane	9.600	83	2529	0.607	ug/l #	26
48) Methyl methacrylate	9.665	41	917	0.302	ug/l #	31
51) 4-Methyl-2-Pentanone	10.441	43	2773	0.702	ug/l	98
52) Toluene	10.629	92	94780	12.093	ug/l	99
53) t-1,3-Dichloropropene	10.629	75	1001	0.227	ug/l #	1
59) 2-Hexanone	11.170	43	16005	5.552	ug/l #	21
67) Ethyl Benzene	11.959	91	1905918	121.055	ug/l	99
68) m/p-Xylenes	12.070	106	258190	43.296	ug/l	97
69) o-Xylene	12.394	106	303861	51.253	ug/l	100
70) Styrene	12.406	104	40479	4.170	ug/l #	1
71) Bromoform	12.847	173	831	0.394	ug/l #	1
73) Isopropylbenzene	12.694	105	238924	15.305	ug/l	99
74) N-amyl acetate	12.453	43	3157	0.484	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	97174	21.258	ug/l #	1
78) n-propylbenzene	13.035	91	114578	6.396	ug/l	99

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 Response via : Initial Calibration

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

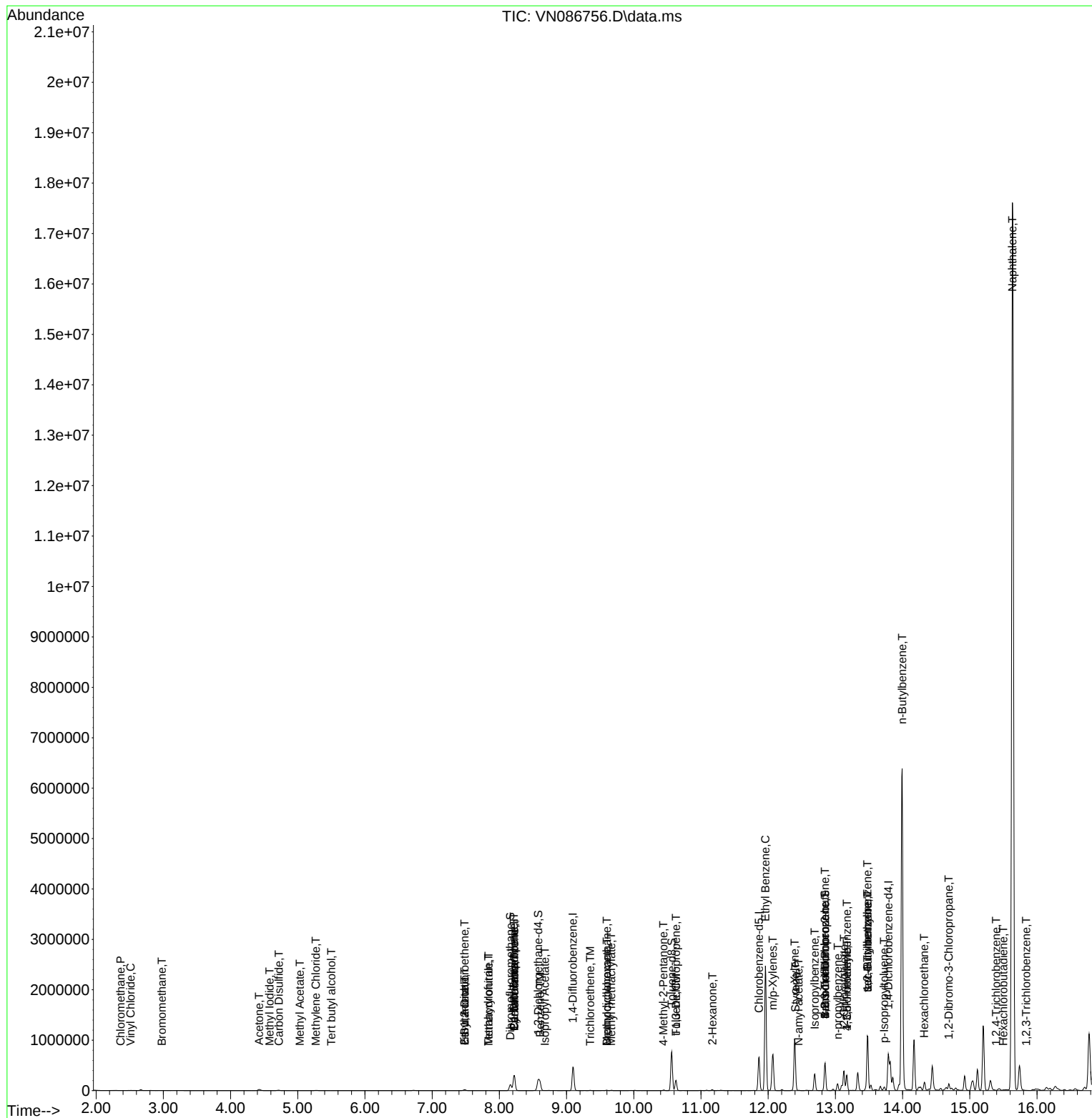
79) 2-Chlorotoluene	13.129	91	36738	3.154	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.170	105	161834	12.940	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.847	75	97174	53.648	ug/l #	15
82) 4-Chlorotoluene	13.170	91	14964	1.297	ug/l #	41
83) tert-Butylbenzene	13.482	119	82923	7.603	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.476	105	645388	51.819	ug/l	98
85) sec-Butylbenzene	13.476	105	645388	44.129	ug/l #	56
86) p-Isopropyltoluene	13.723	119	27154	2.265	ug/l #	77
89) n-Butylbenzene	13.994	91	579231	58.285	ug/l #	42
90) Hexachloroethane	14.323	117	14575	7.328	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.688	75	870	1.095	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.394	180	709	0.260	ug/l #	69
94) Hexachlorobutadiene	15.500	225	421	0.372	ug/l #	48
95) Naphthalene	15.635	128	17504109	1846.577	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	642	0.240	ug/l #	56

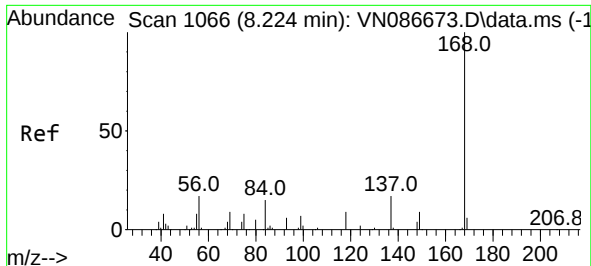
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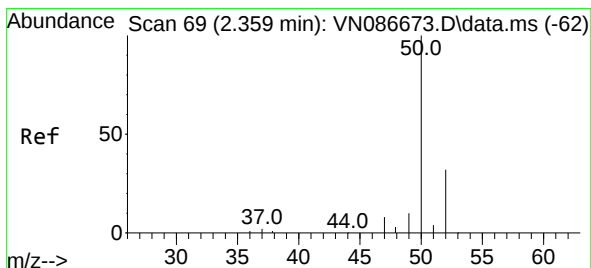
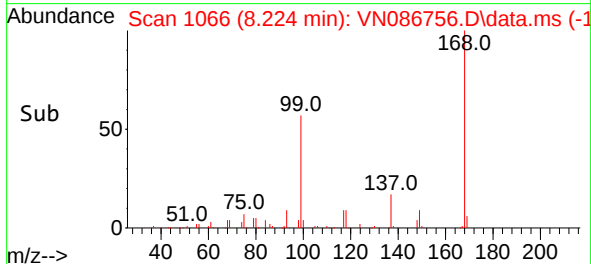
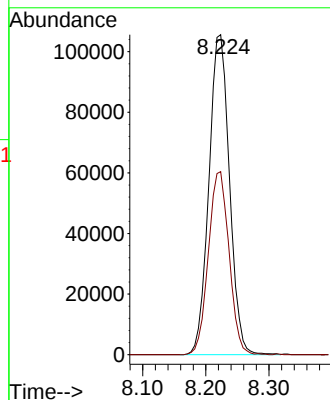
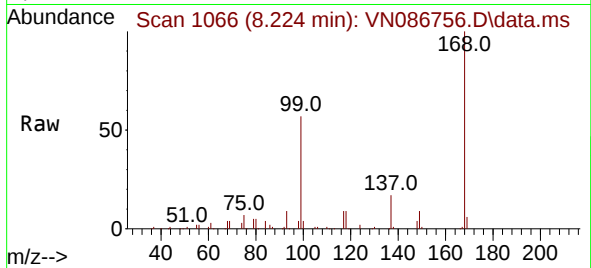




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086756.D
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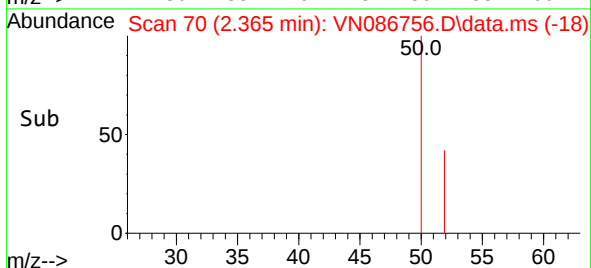
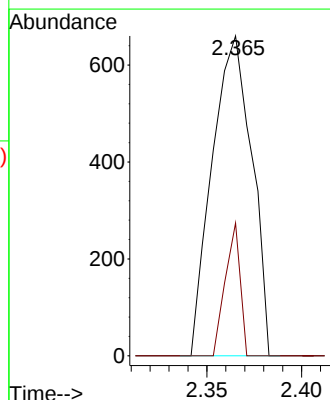
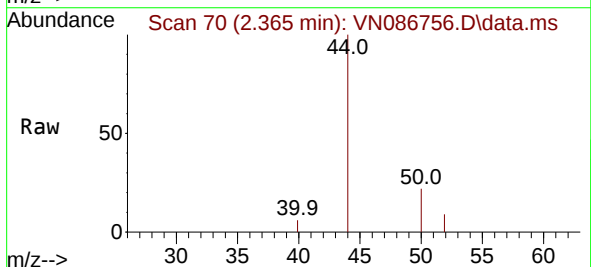
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ClientSampleId :
WC-A4-04-GRE

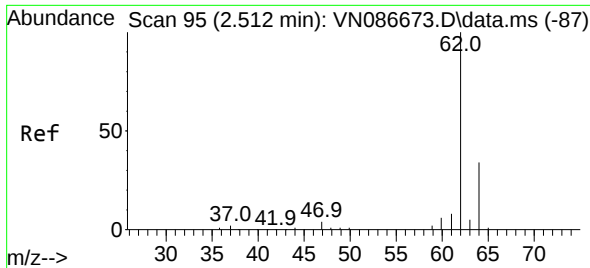
Tgt Ion:168 Resp: 239210
Ion Ratio Lower Upper
168 100
99 57.2 47.0 70.4



#3
Chloromethane
Concen: 0.245 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 50 Resp: 959
Ion Ratio Lower Upper
50 100
52 41.5 25.9 38.9#

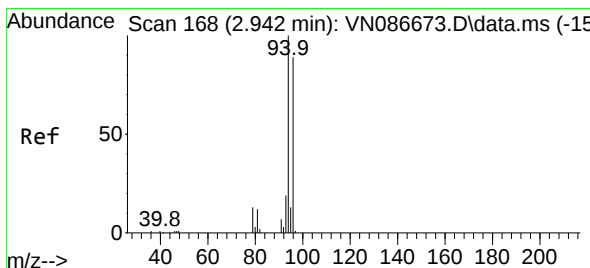
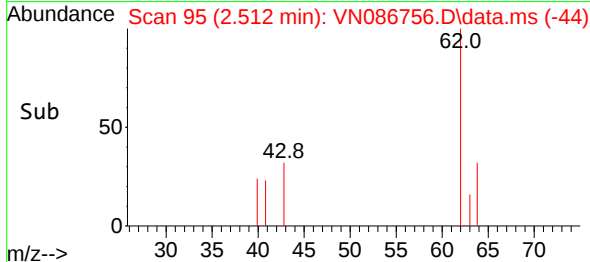
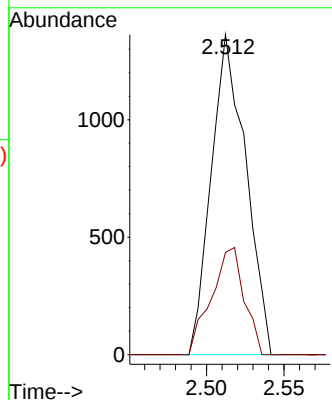
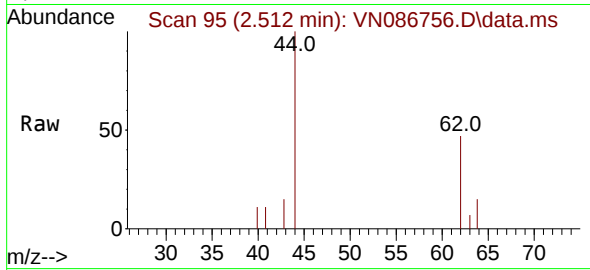




#4
 Vinyl Chloride
 Concen: 0.602 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN086756.D
 Acq: 22 May 2025 11:06

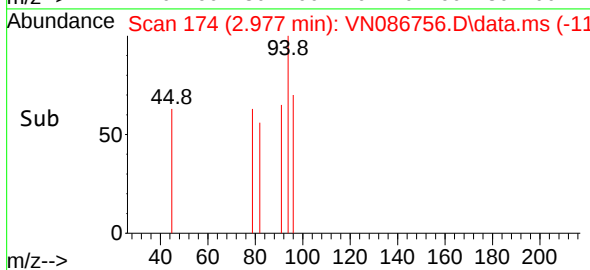
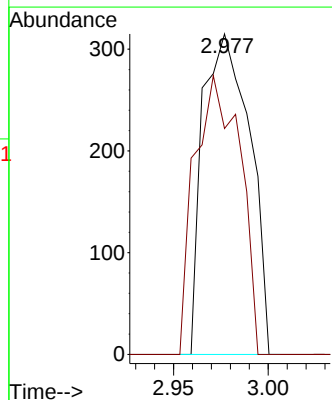
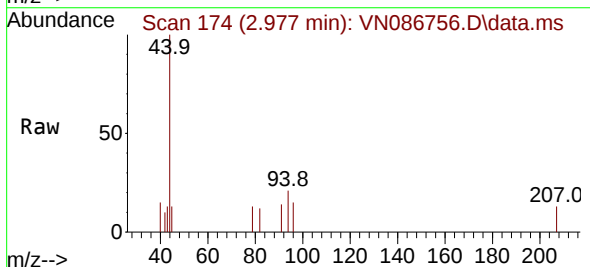
Instrument :
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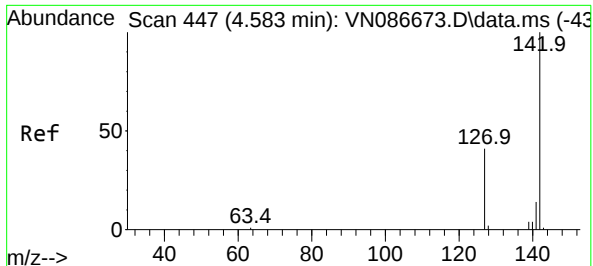
Tgt Ion: 62 Resp: 2111
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.9 40.3



#5
 Bromomethane
 Concen: 0.268 ug/l
 RT: 2.977 min Scan# 174
 Delta R.T. 0.035 min
 Lab File: VN086756.D
 Acq: 22 May 2025 11:06

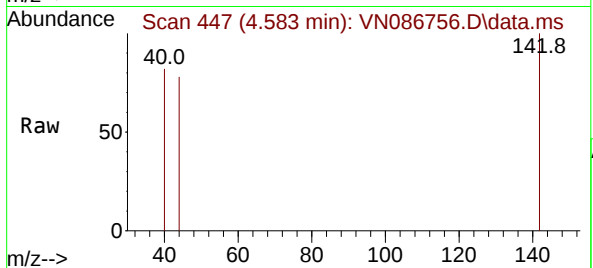
Tgt Ion: 94 Resp: 542
 Ion Ratio Lower Upper
 94 100
 96 70.5 71.2 106.8#



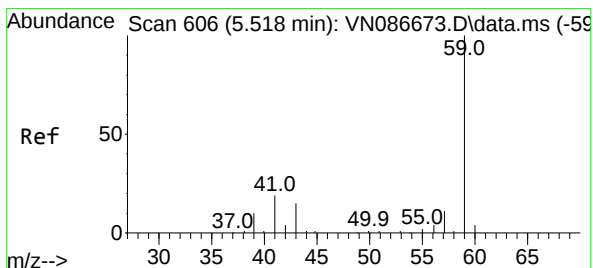
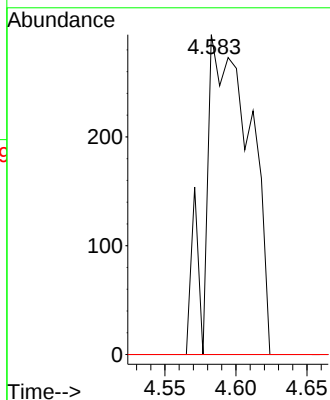
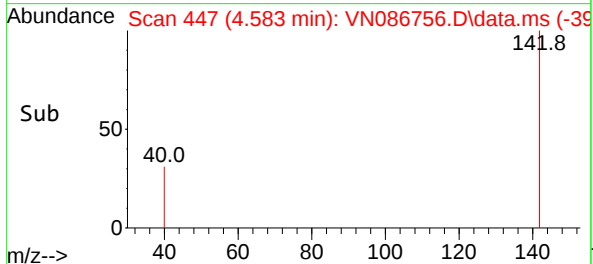


#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

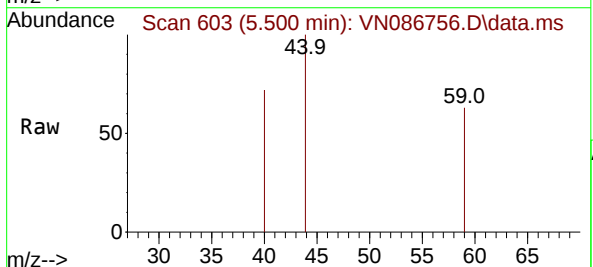
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE



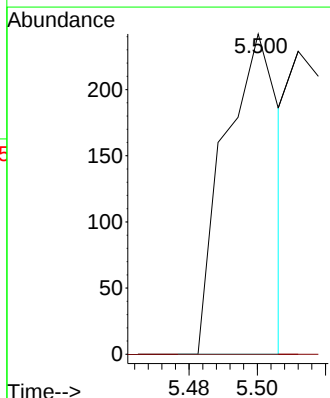
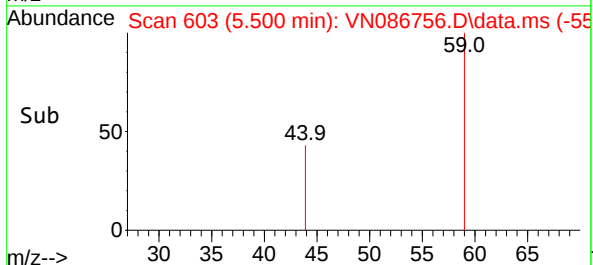
Tgt Ion:142 Resp: 637
Ion Ratio Lower Upper
142 100
127 0.0 32.4 48.6#
141 0.0 11.4 17.2#

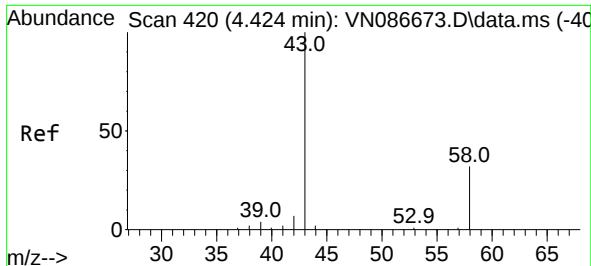


#11
Tert butyl alcohol
Concen: 0.450 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.018 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06



Tgt Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

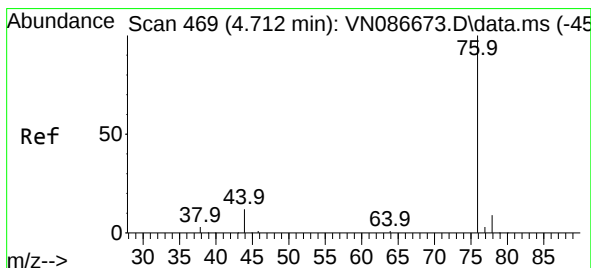
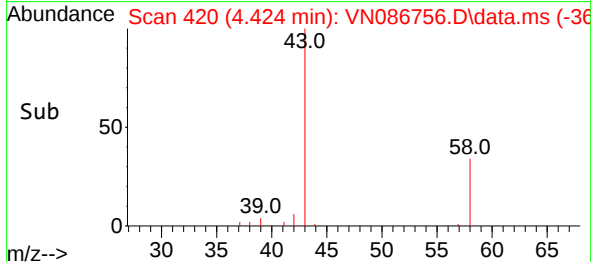
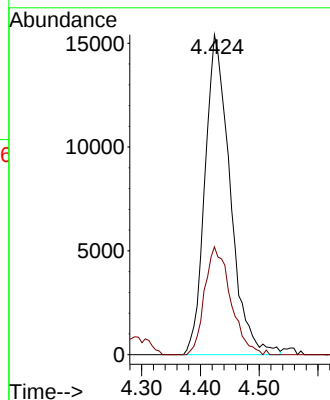
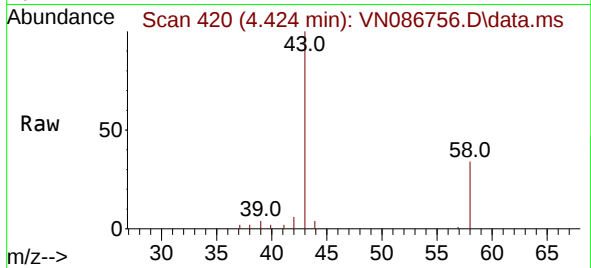




#16
Acetone
Concen: 36.975 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

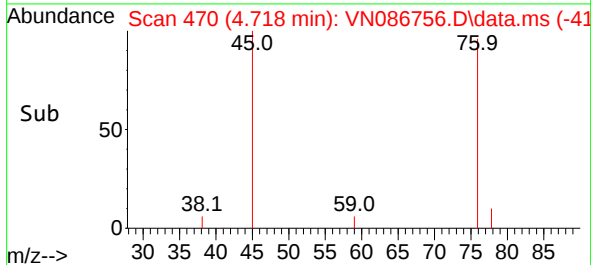
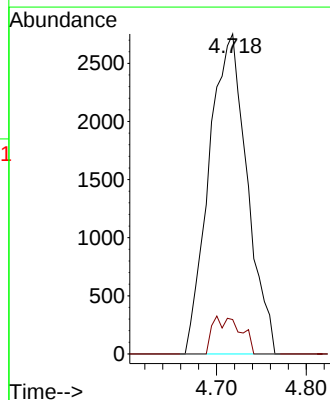
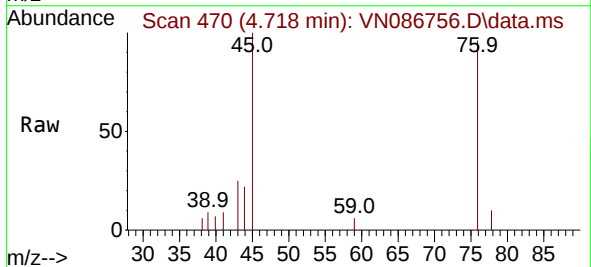
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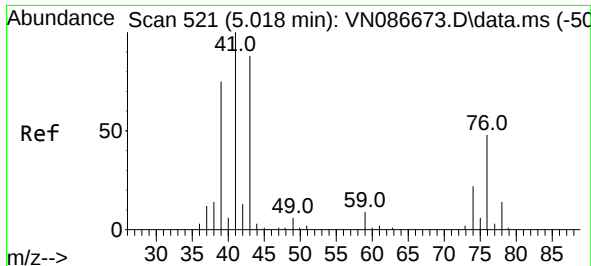
Tgt Ion: 43 Resp: 45718
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.6



#17
Carbon Disulfide
Concen: 1.097 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 76 Resp: 8100
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

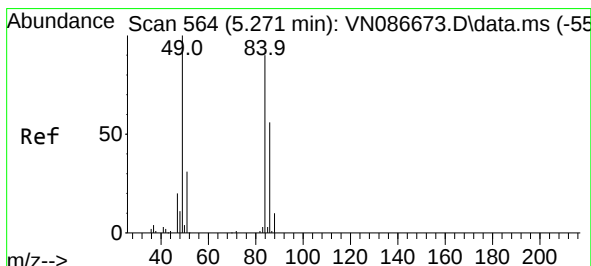
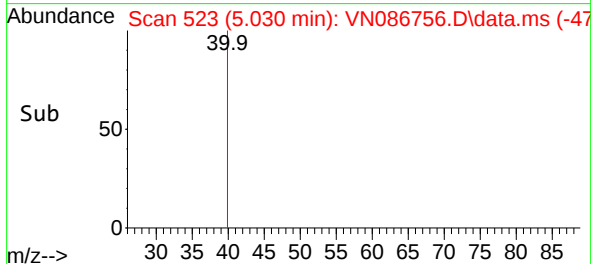
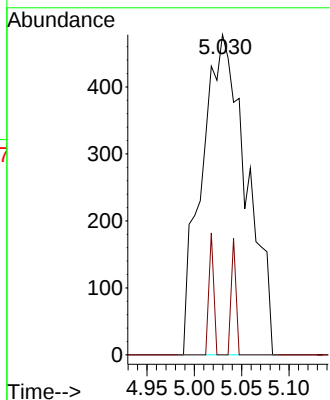
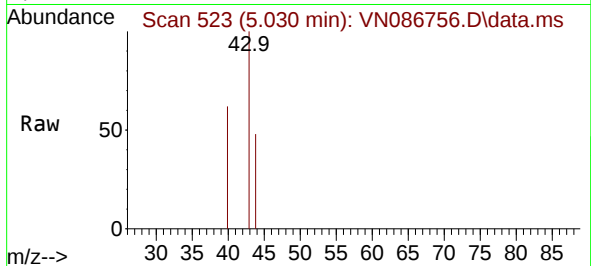




#18
Methyl Acetate
Concen: 0.455 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
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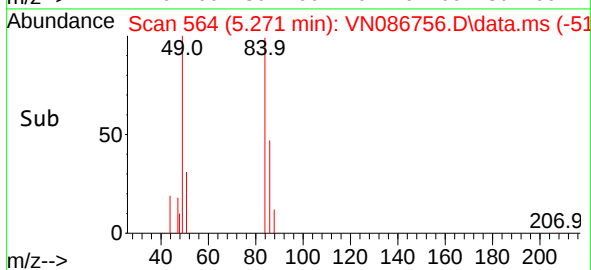
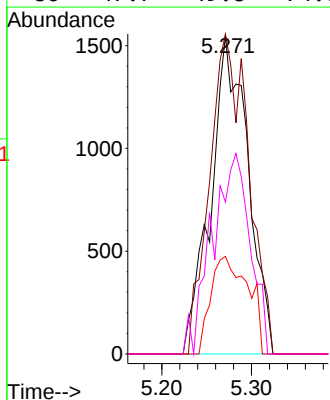
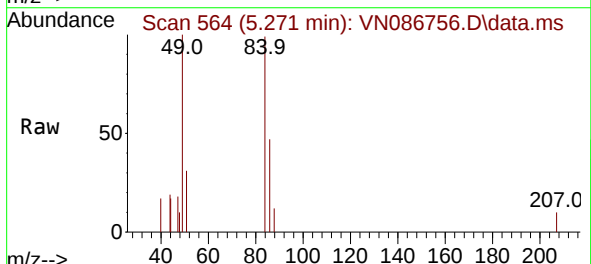
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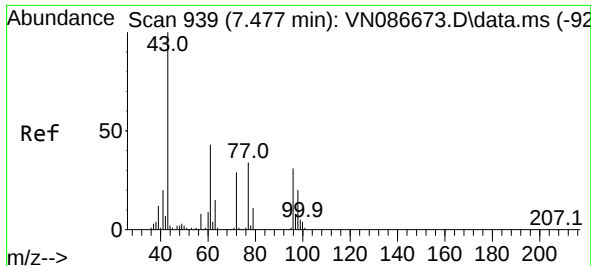
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
74 3.9 20.5 30.7#



#20
Methylene Chloride
Concen: 1.363 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 84 Resp: 4446
Ion Ratio Lower Upper
84 100
49 100.5 88.8 133.2
51 30.7 27.8 41.6
86 47.7 49.8 74.6#

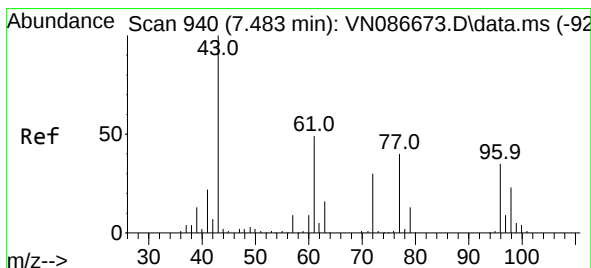
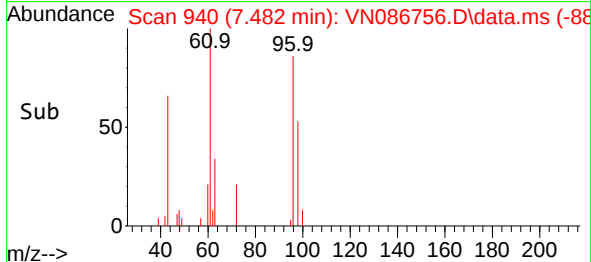
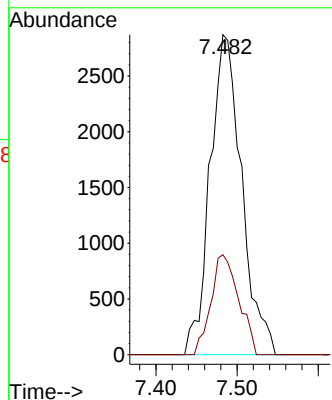
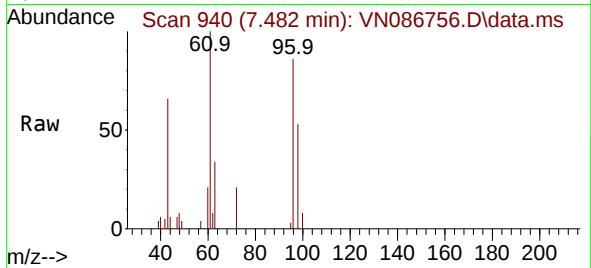




#25
2-Butanone
Concen: 4.066 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

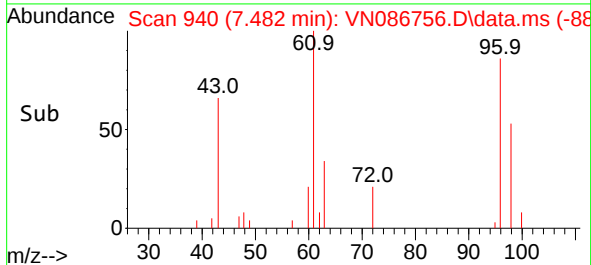
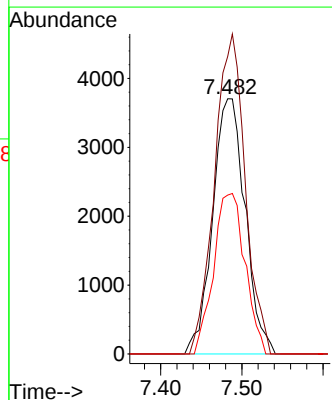
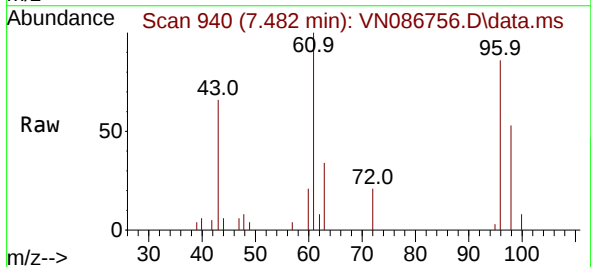
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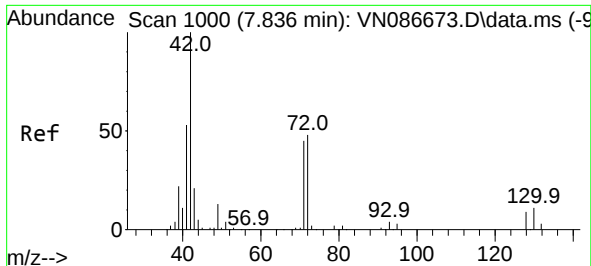
Tgt Ion: 43 Resp: 7768
Ion Ratio Lower Upper
43 100
72 31.2 23.1 34.7



#27
cis-1,2-Dichloroethene
Concen: 2.978 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 96 Resp: 10312
Ion Ratio Lower Upper
96 100
61 118.4 0.0 277.4
98 60.7 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.988 ug/l

RT: 7.835 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

Instrument :

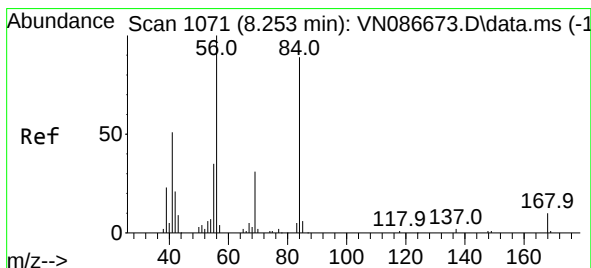
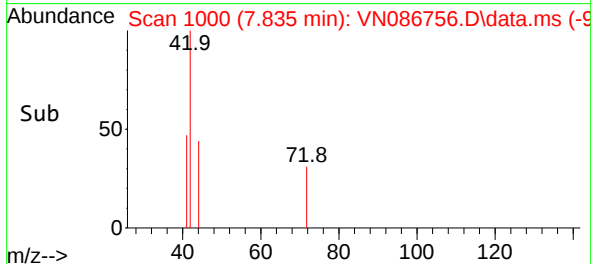
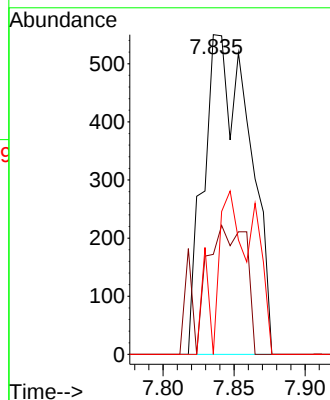
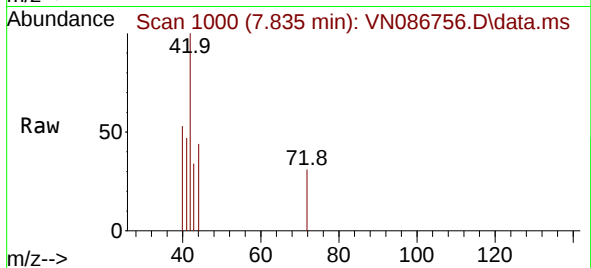
MSVOA_N

ClientSampleId :

WC-A4-04-GRE

Tgt Ion: 42 Resp: 1232

Ion	Ratio	Lower	Upper
42	100		
72	38.8	38.7	58.1
71	42.5	36.2	54.4



#31

Cyclohexane

Concen: 0.985 ug/l

RT: 8.224 min Scan# 1066

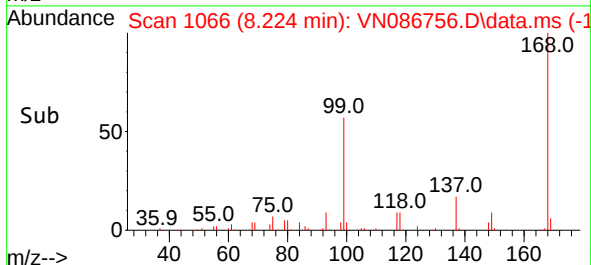
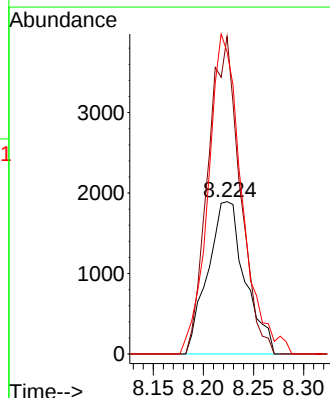
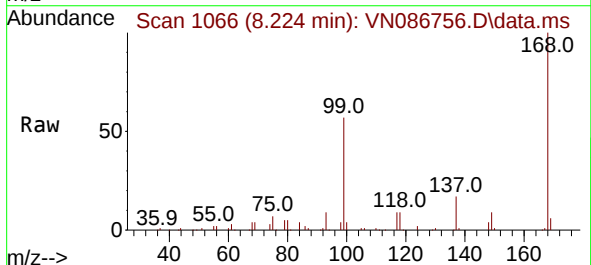
Delta R.T. -0.030 min

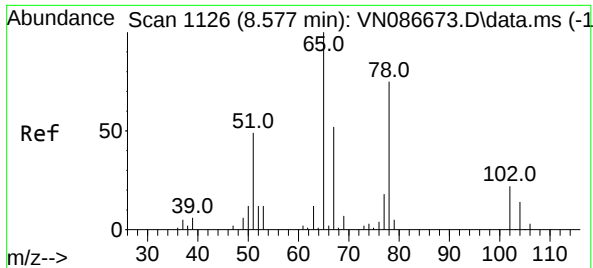
Lab File: VN086756.D

Acq: 22 May 2025 11:06

Tgt Ion: 56 Resp: 4886

Ion	Ratio	Lower	Upper
56	100		
69	208.4	25.0	37.6#
84	198.3	71.0	106.4#





#33

1,2-Dichloroethane-d4

Concen: 44.698 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

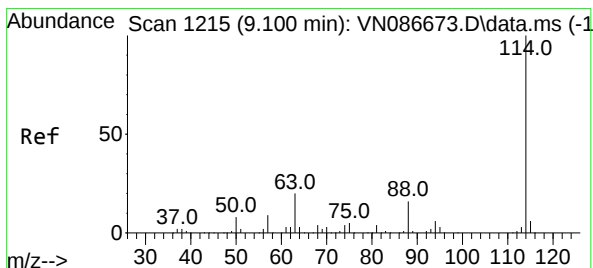
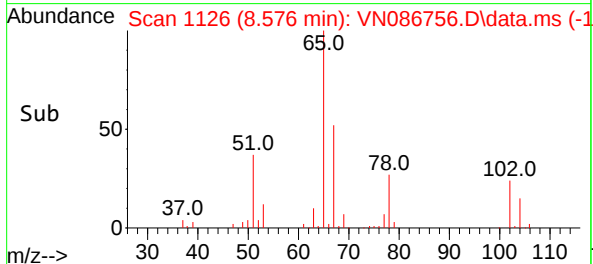
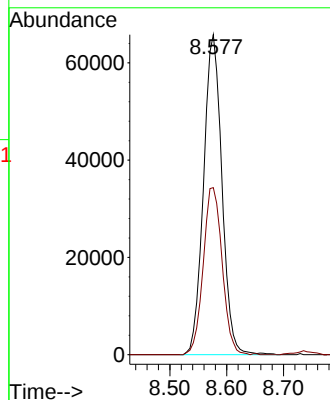
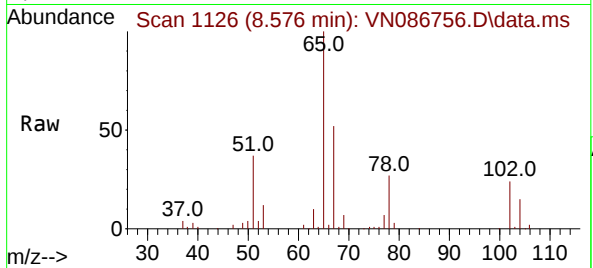
WC-A4-04-GRE

Tgt Ion: 65 Resp: 147748

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

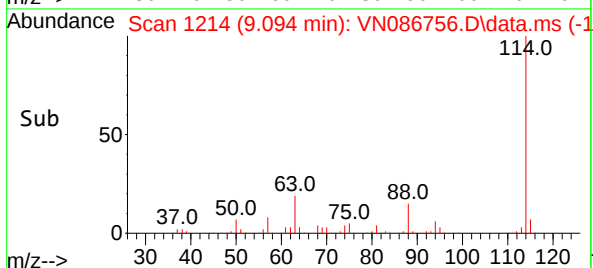
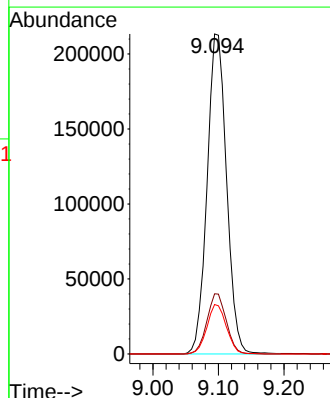
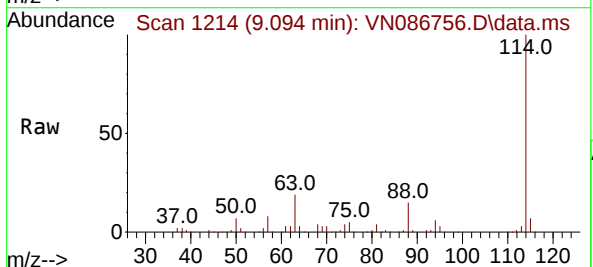
Tgt Ion: 114 Resp: 440051

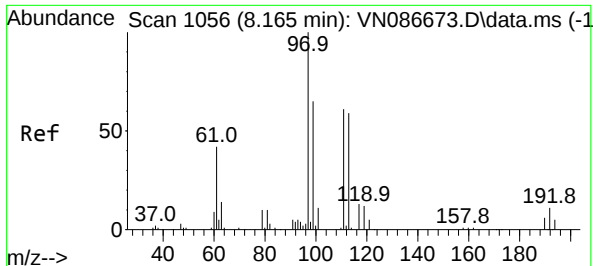
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.2

88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 34.977 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

WC-A4-04-GRE

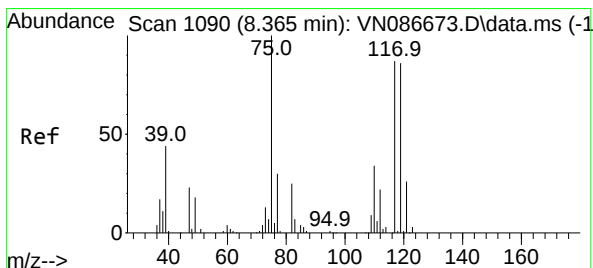
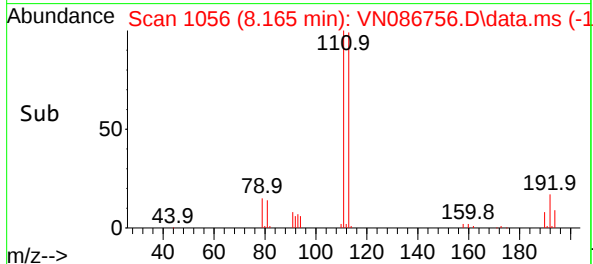
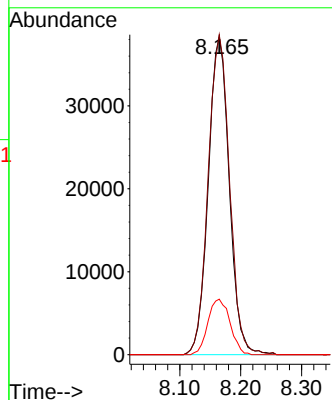
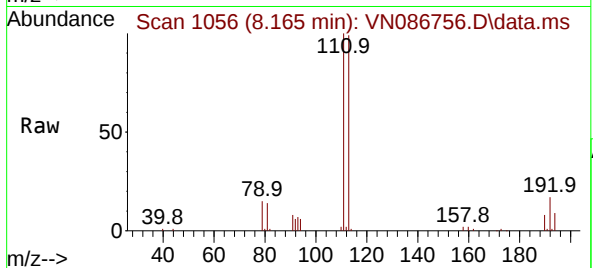
Tgt Ion:113 Resp: 91664

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 18.4 13.8 20.8



#36

1,1-Dichloropropene

Concen: 4.603 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

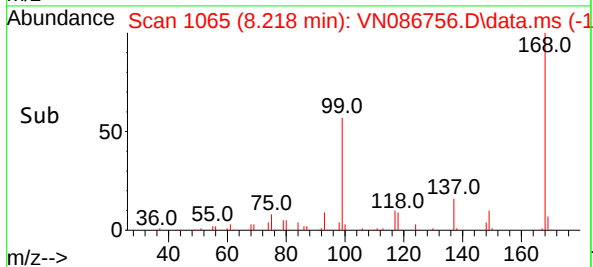
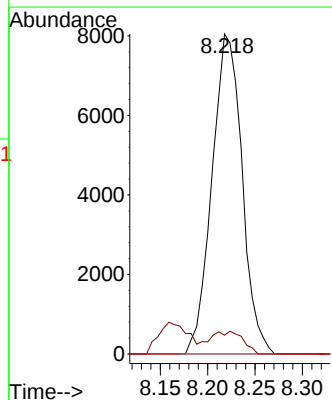
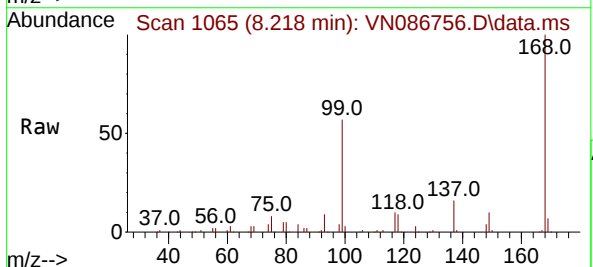
Tgt Ion: 75 Resp: 17792

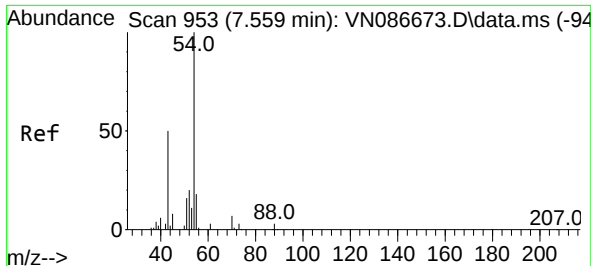
Ion Ratio Lower Upper

75 100

110 1.2 17.5 52.5#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.989 ug/l

RT: 7.482 min Scan# 94

Delta R.T. -0.077 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

WC-A4-04-GRE

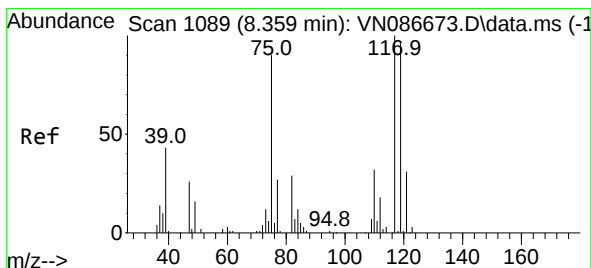
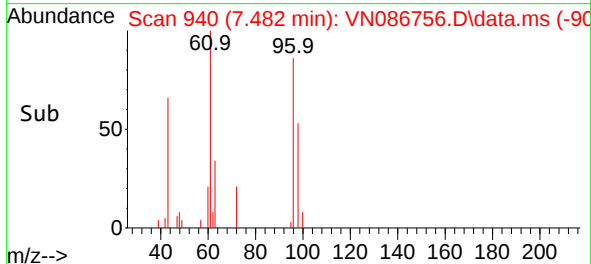
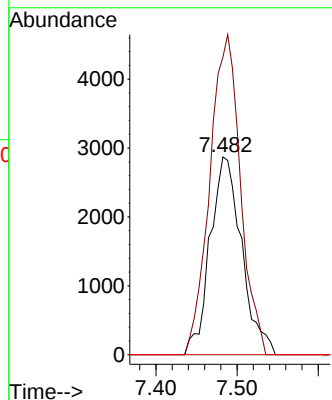
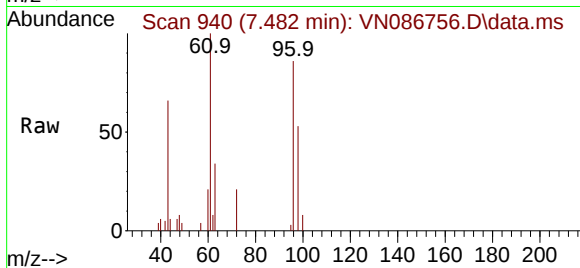
Tgt Ion: 43 Resp: 7768

Ion Ratio Lower Upper

43 100

61 157.2 11.6 17.4#

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 5.956 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

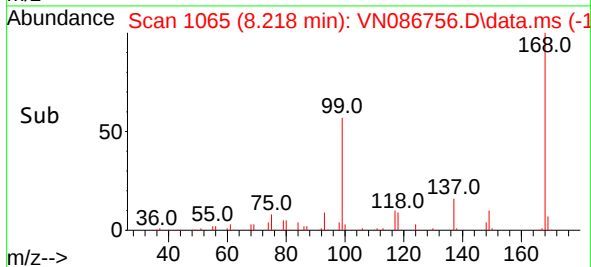
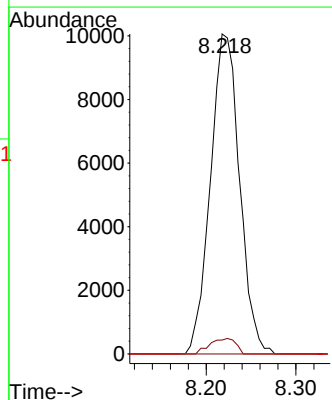
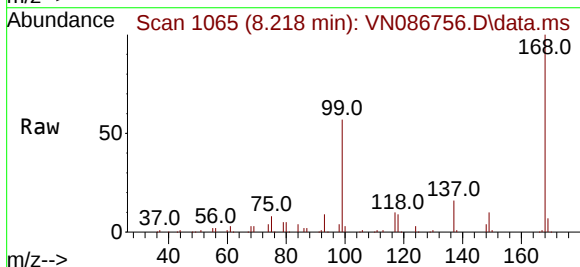
Tgt Ion: 117 Resp: 22685

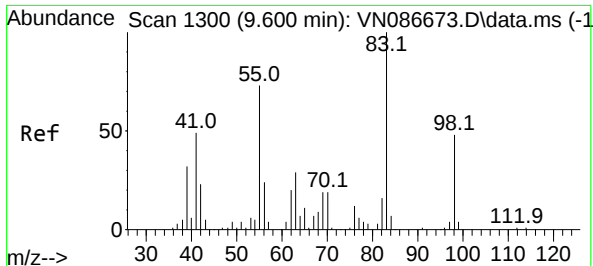
Ion Ratio Lower Upper

117 100

119 4.4 77.0 115.6#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.942 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

WC-A4-04-GRE

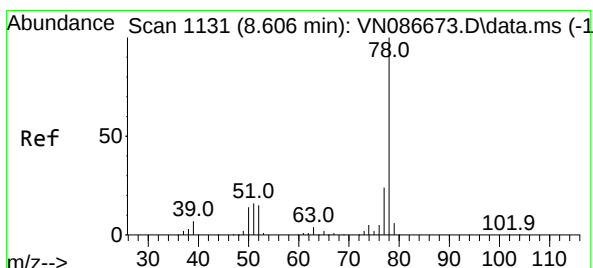
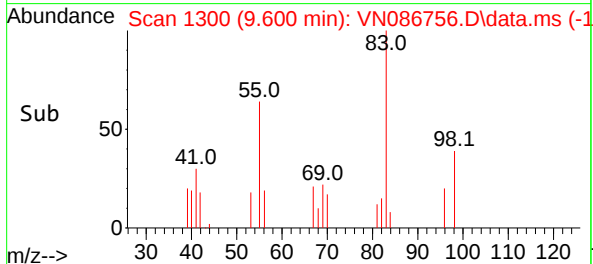
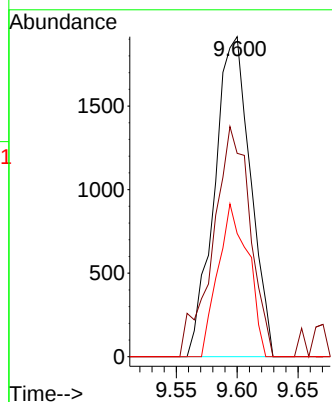
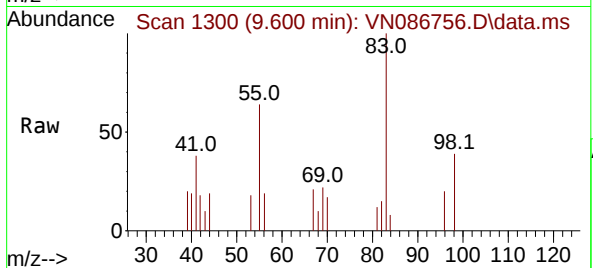
Tgt Ion: 83 Resp: 3941

Ion Ratio Lower Upper

83 100

55 63.6 58.2 87.4

98 38.5 38.4 57.6



#40

Benzene

Concen: 14.168 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086756.D

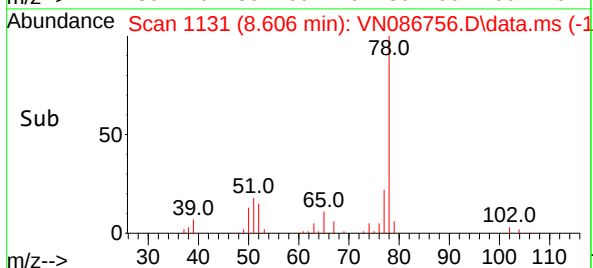
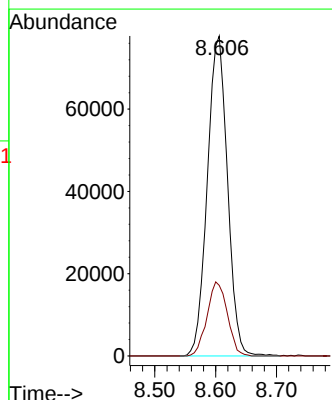
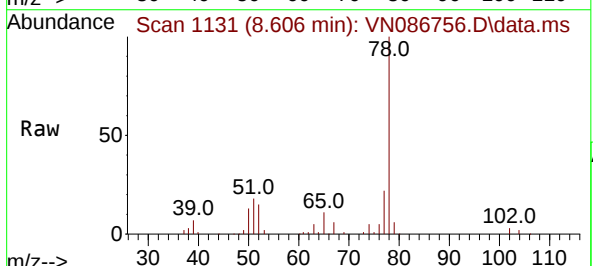
Acq: 22 May 2025 11:06

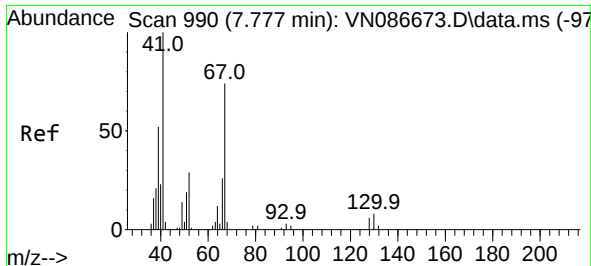
Tgt Ion: 78 Resp: 178660

Ion Ratio Lower Upper

78 100

77 22.1 19.1 28.7

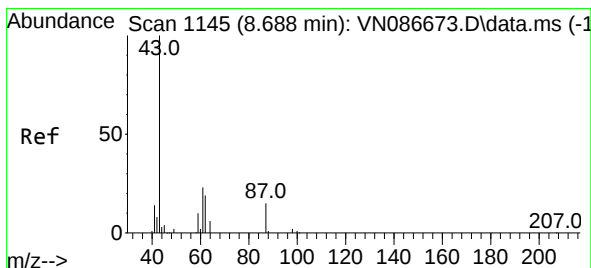
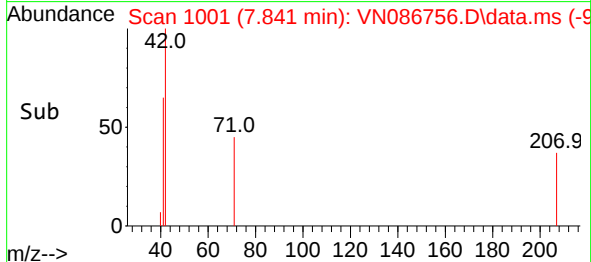
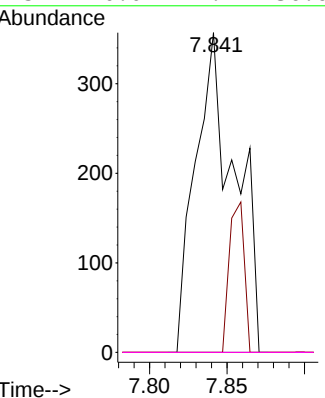
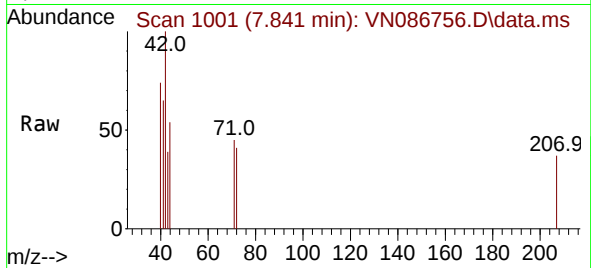




#41
Methacrylonitrile
Concen: 0.299 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

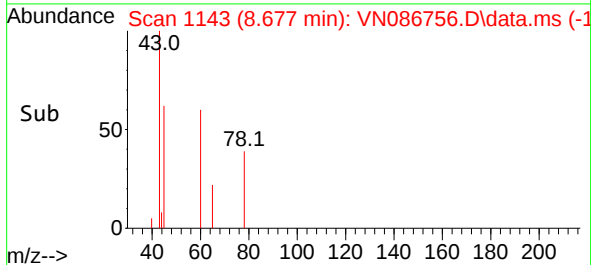
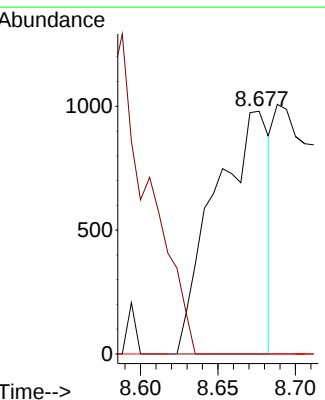
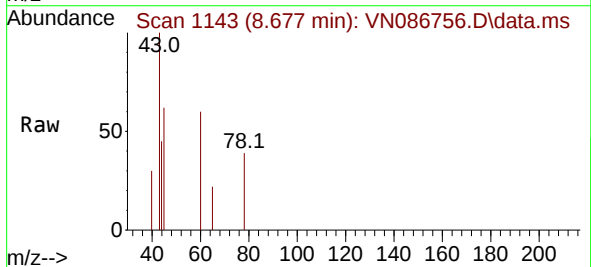
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

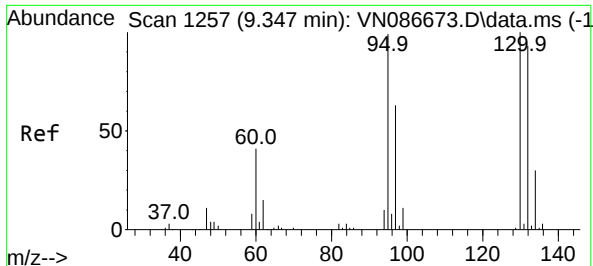
Tgt Ion: 41	Resp: 630
Ion Ratio	Lower Upper
41 100	
39 17.8	44.9 67.3#
67 0.0	63.4 95.0#
52 0.0	24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.305 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 43	Resp: 2386
Ion Ratio	Lower Upper
43 100	
61 0.0	21.4 32.2#
87 0.0	11.1 16.7#

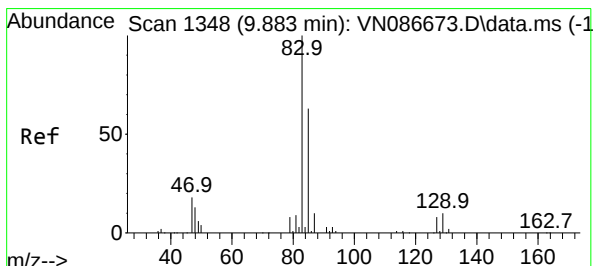
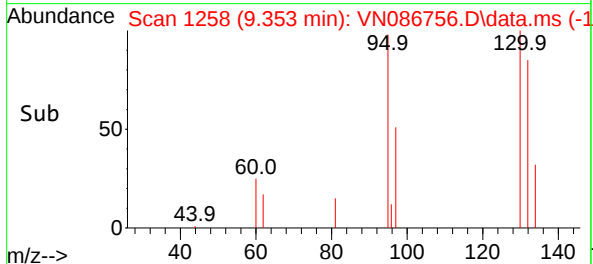
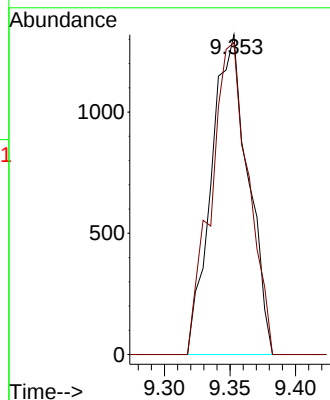
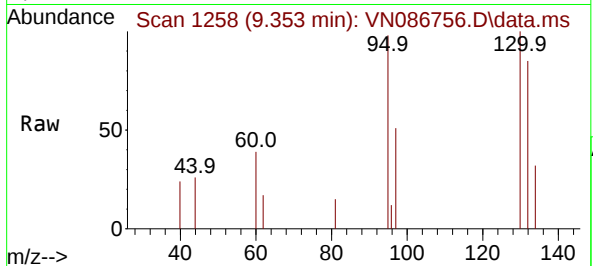




#44
Trichloroethene
Concen: 0.845 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

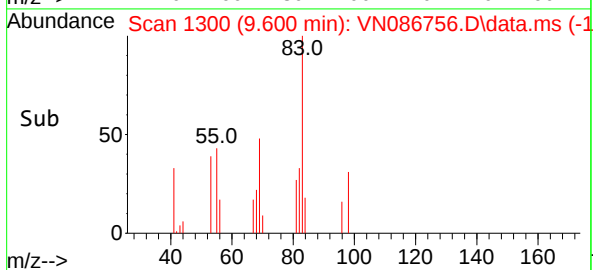
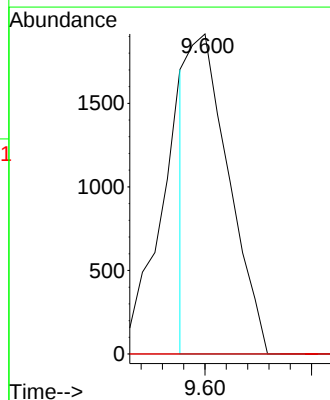
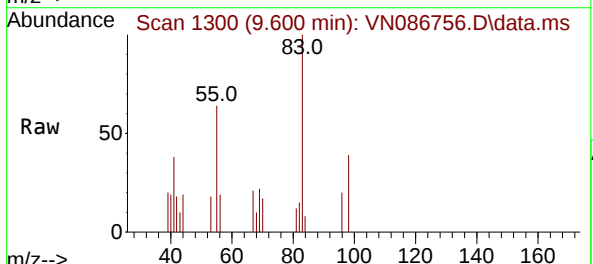
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

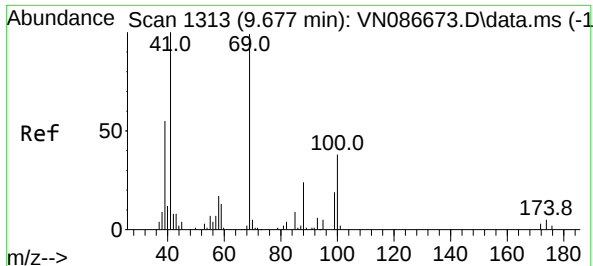
Tgt Ion:130 Resp: 2571
Ion Ratio Lower Upper
130 100
95 97.6 0.0 197.0



#47
Bromodichloromethane
Concen: 0.607 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.283 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 83 Resp: 2529
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 6.2 9.4#

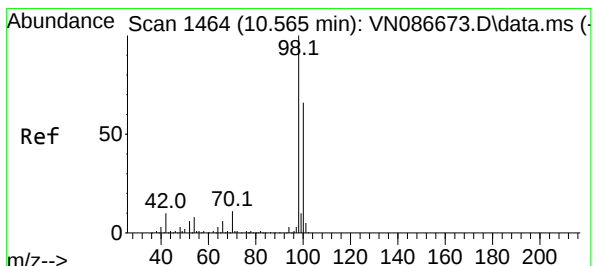
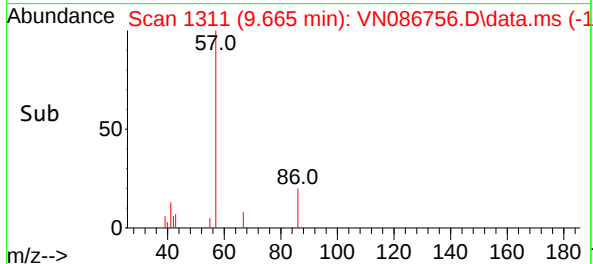
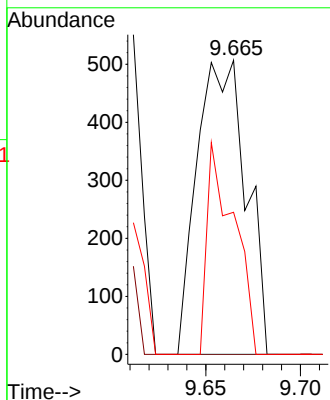
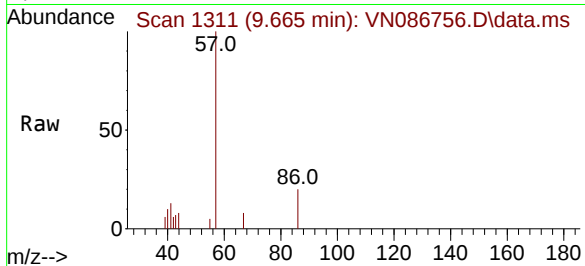




#48
Methyl methacrylate
Concen: 0.302 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.012 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

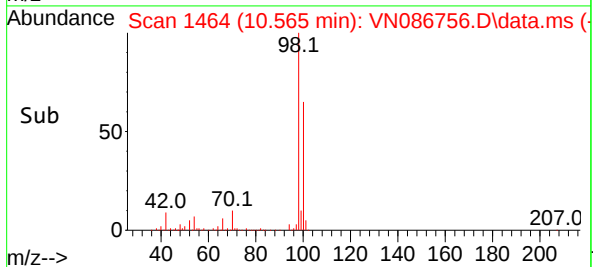
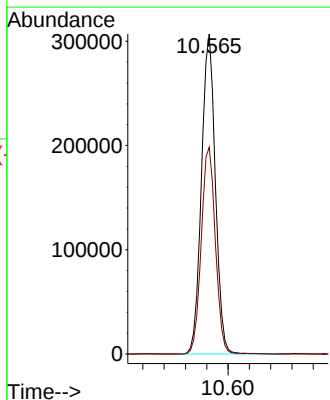
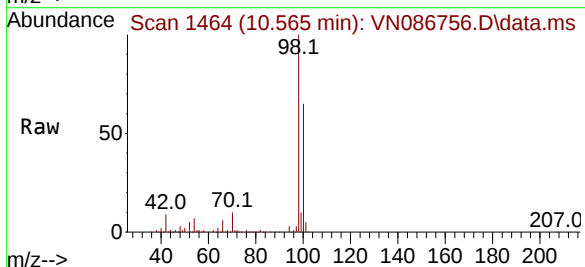
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

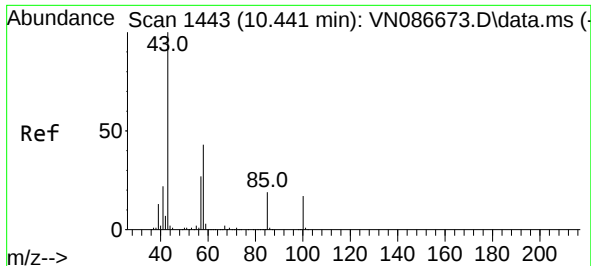
Tgt Ion: 41 Resp: 917
Ion Ratio Lower Upper
41 100
69 0.0 74.1 111.1#
39 39.5 44.1 66.1#



#50
Toluene-d8
Concen: 51.033 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 98 Resp: 554232
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3

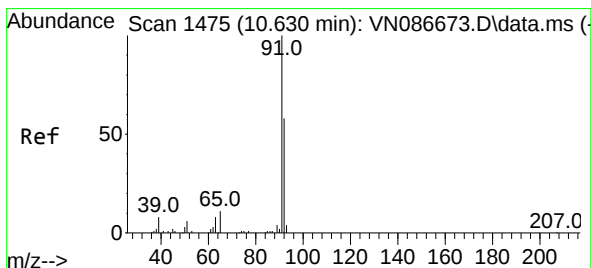
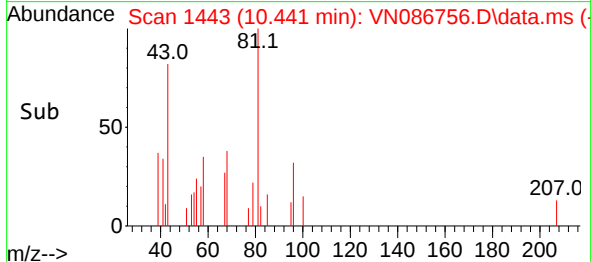
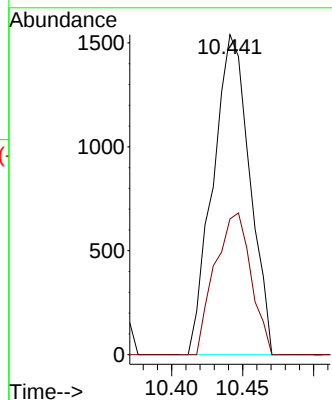
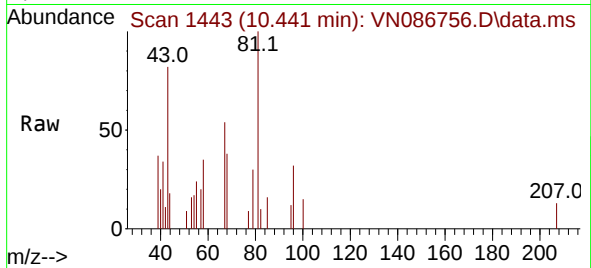




#51
4-Methyl-2-Pentanone
Concen: 0.702 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

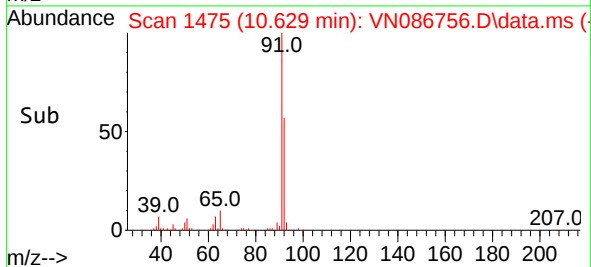
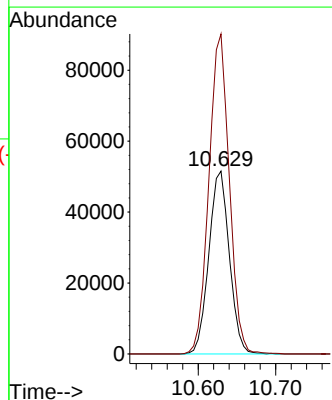
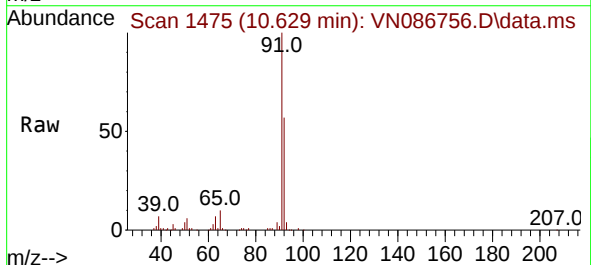
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ClientSampleId :
WC-A4-04-GRE

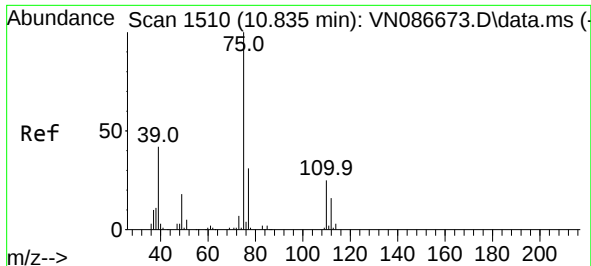
Tgt Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
58 43.4 33.9 50.9



#52
Toluene
Concen: 12.093 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 92 Resp: 94780
Ion Ratio Lower Upper
92 100
91 173.9 137.8 206.8

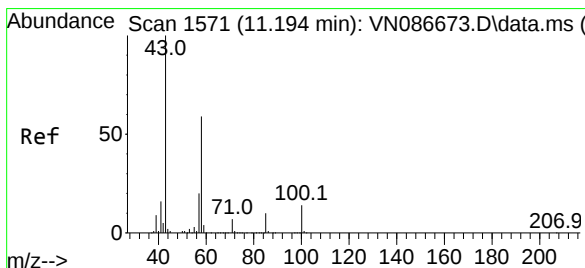
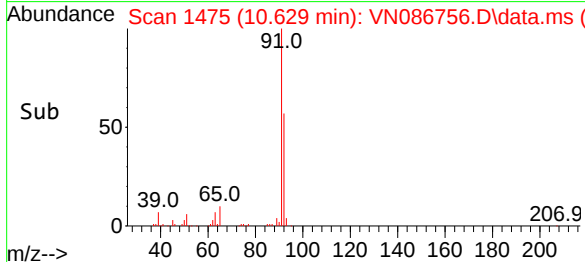
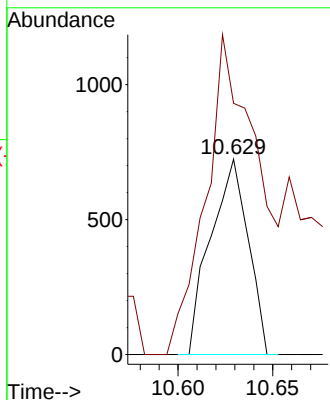
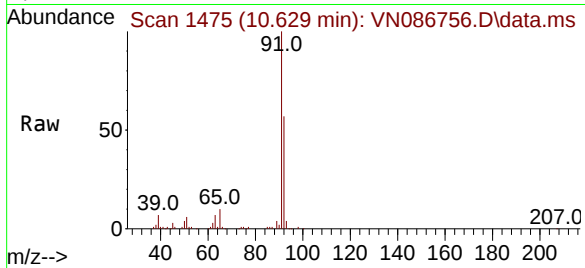




#53
t-1,3-Dichloropropene
Concen: 0.227 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.206 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

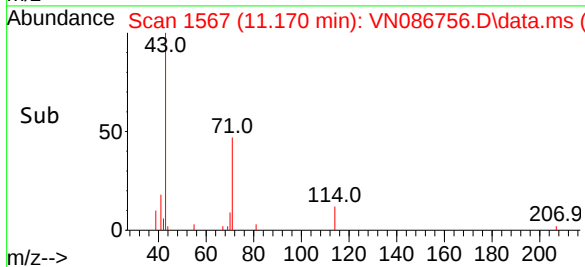
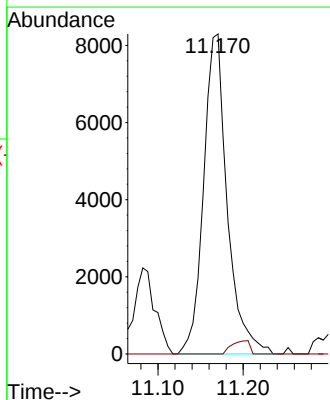
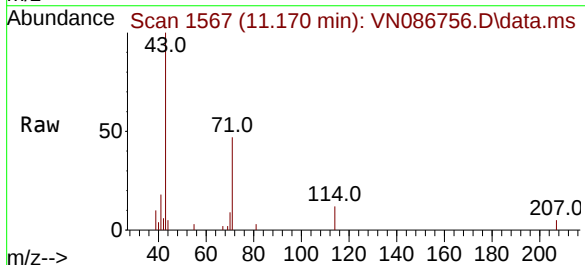
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

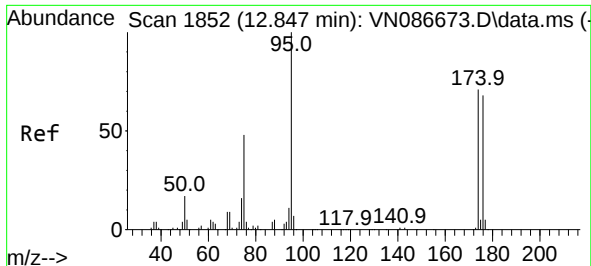
Tgt Ion: 75 Resp: 1001
Ion Ratio Lower Upper
75 100
77 107.7 25.2 37.8#



#59
2-Hexanone
Concen: 5.552 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 43 Resp: 16005
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

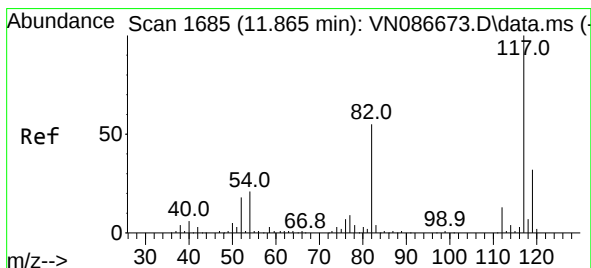
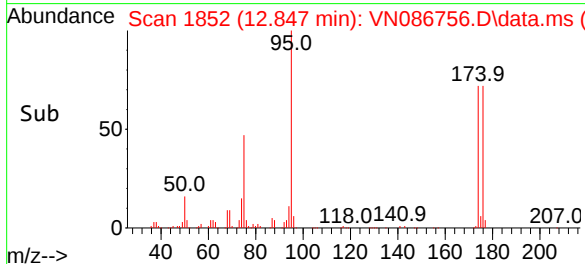
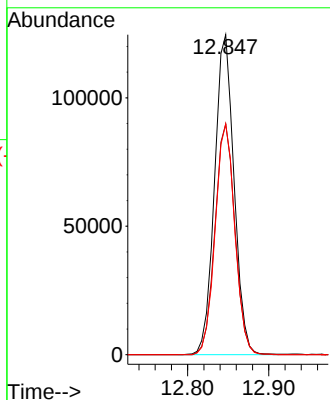
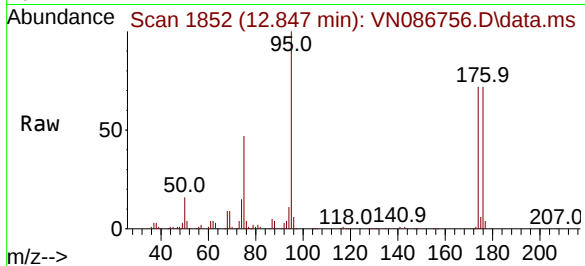




#62
4-Bromofluorobenzene
Concen: 54.190 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

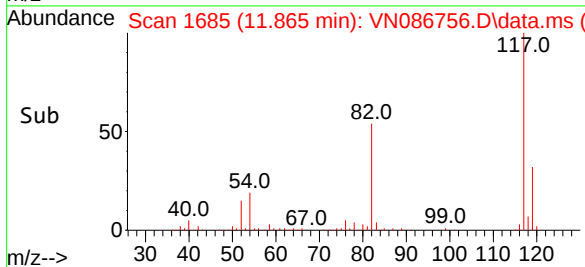
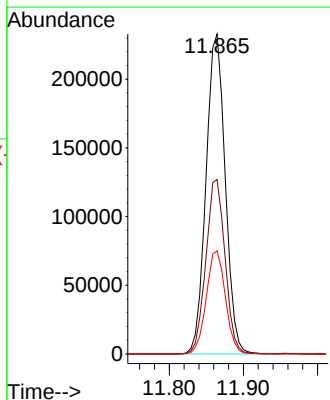
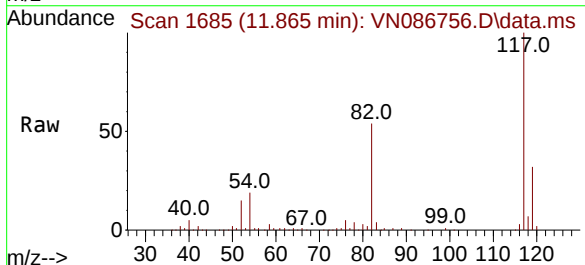
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

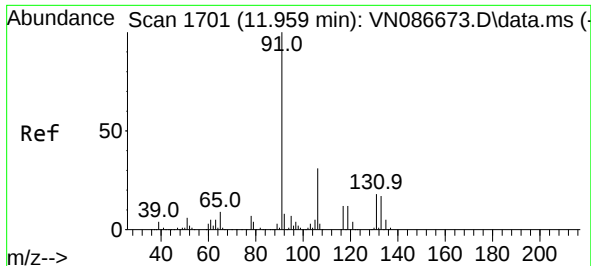
Tgt Ion: 95 Resp: 207802
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.4
176 72.6 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 117 Resp: 419182
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.3 25.4 38.2

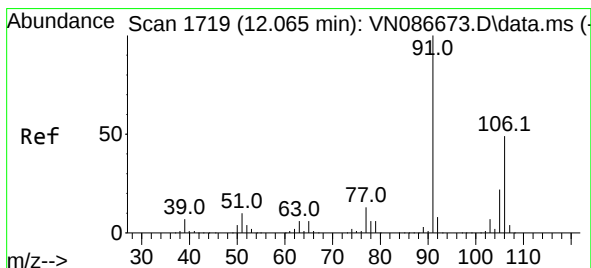
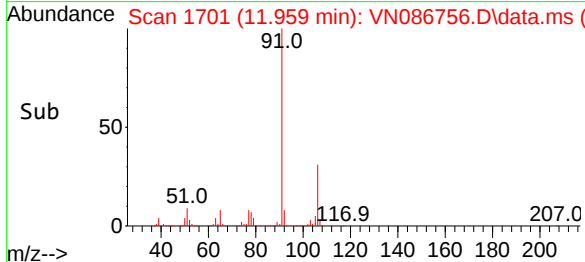
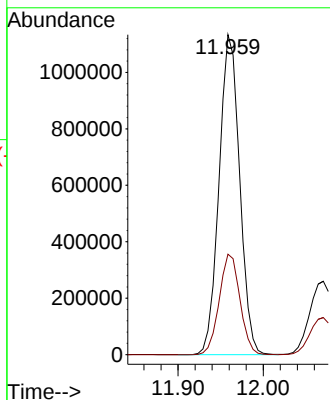
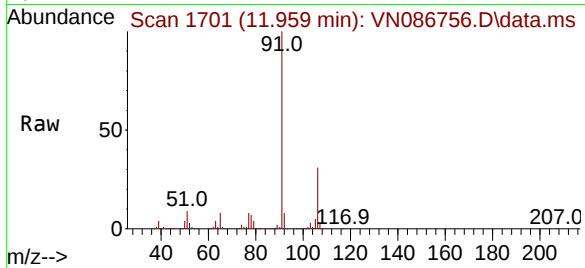




#67
Ethyl Benzene
Concen: 121.055 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

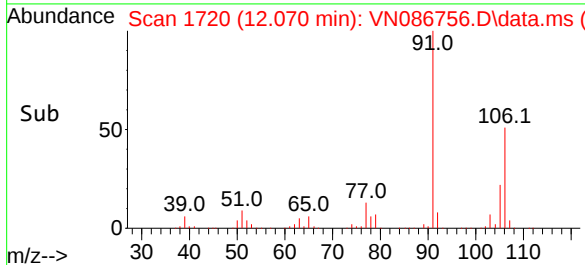
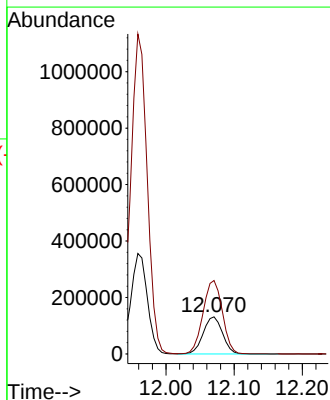
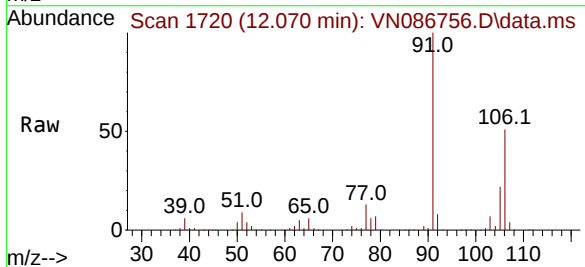
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

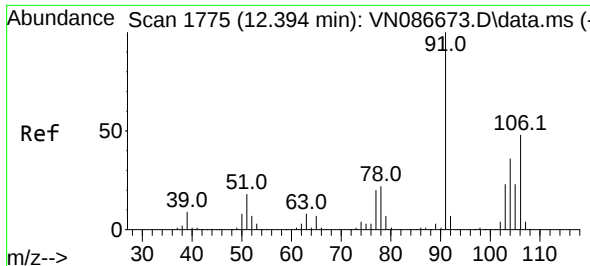
Tgt Ion: 91 Resp: 1905918
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 43.296 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion:106 Resp: 258190
Ion Ratio Lower Upper
106 100
91 199.0 162.4 243.6

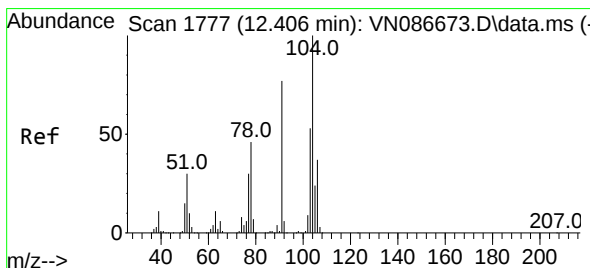
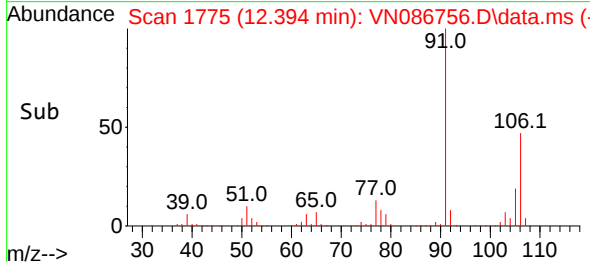
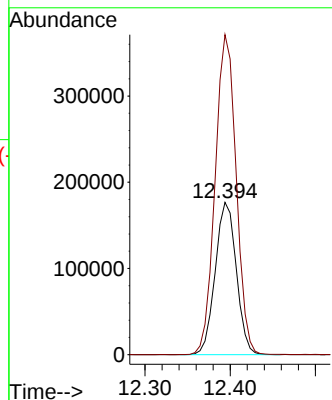
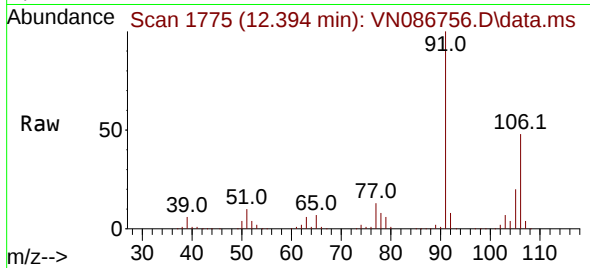




#69
o-Xylene
Concen: 51.253 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

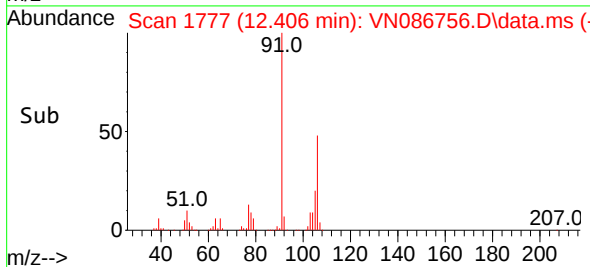
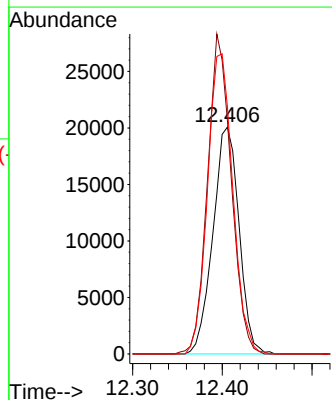
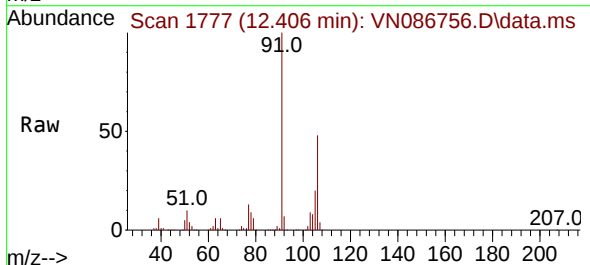
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

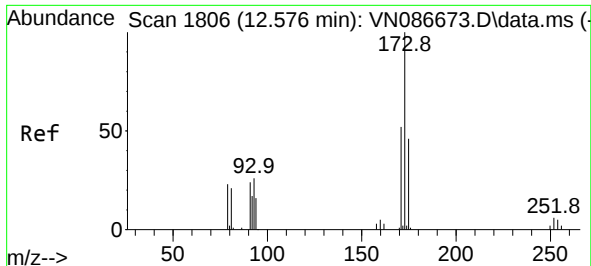
Tgt Ion:106 Resp: 303861
Ion Ratio Lower Upper
106 100
91 209.7 105.1 315.1



#70
Styrene
Concen: 4.170 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion:104 Resp: 40479
Ion Ratio Lower Upper
104 100
78 128.3 39.0 58.6#
103 128.6 43.8 65.8#

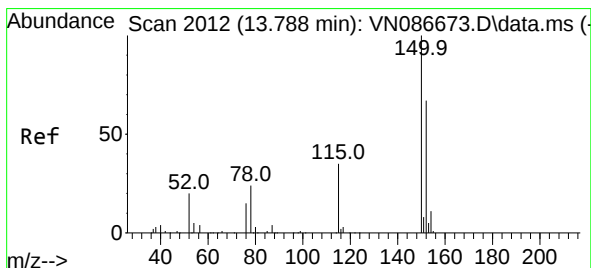
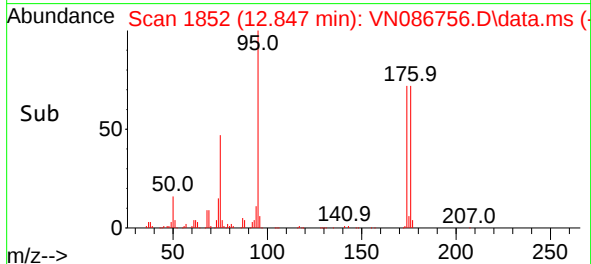
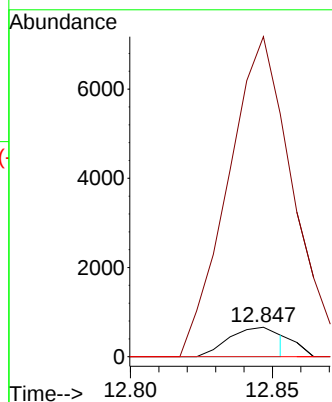
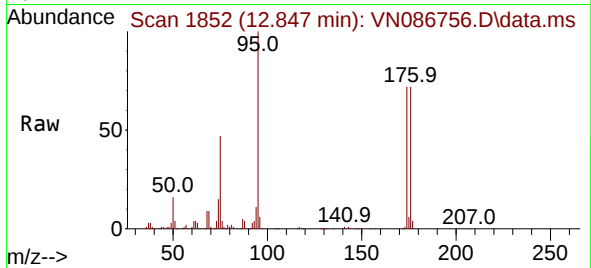




#71
Bromoform
Concen: 0.394 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

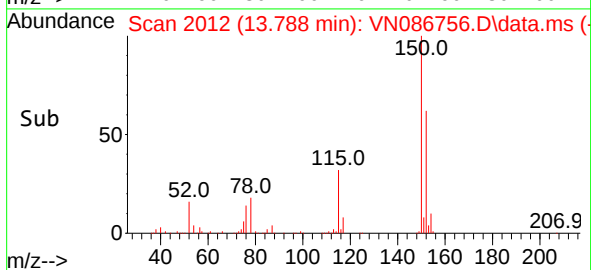
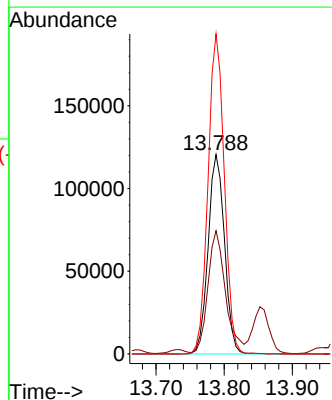
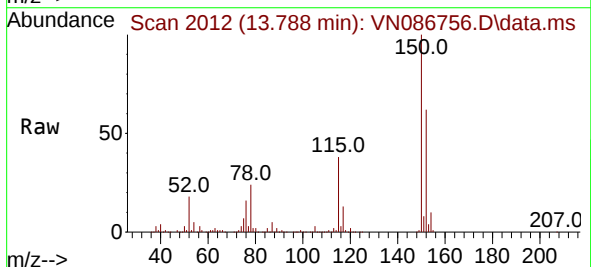
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MSVOA_N
ClientSampleId :
WC-A4-04-GRE

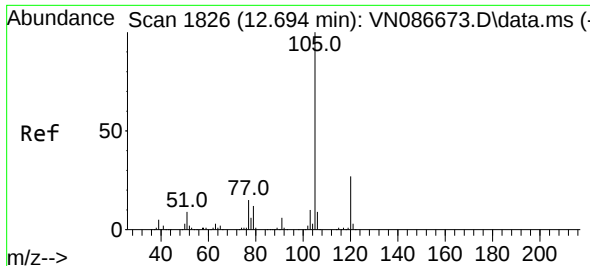
Tgt Ion:173 Resp: 831
Ion Ratio Lower Upper
173 100
175 1117.7 23.4 70.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion:152 Resp: 202121
Ion Ratio Lower Upper
152 100
115 64.8 30.0 90.1
150 158.9 0.0 347.8

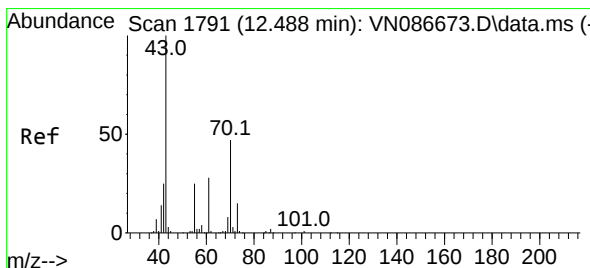
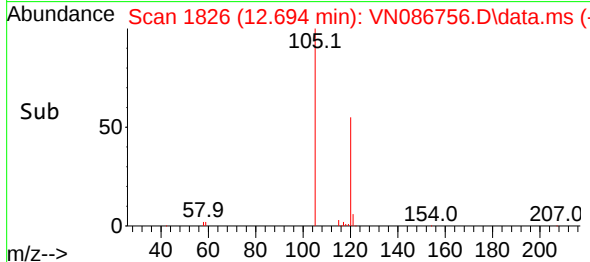
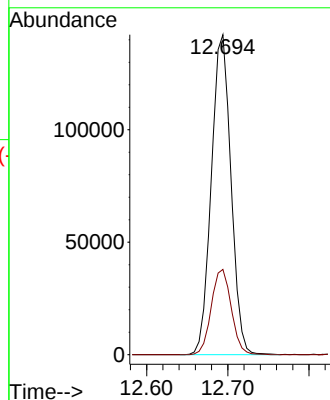
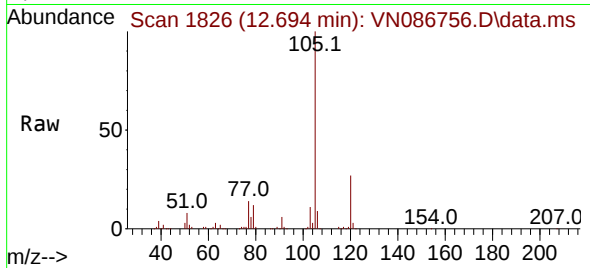




#73
Isopropylbenzene
Concen: 15.305 ug/l
RT: 12.694 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

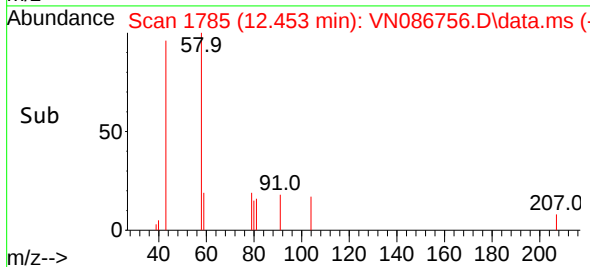
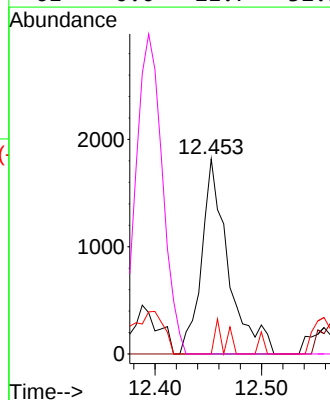
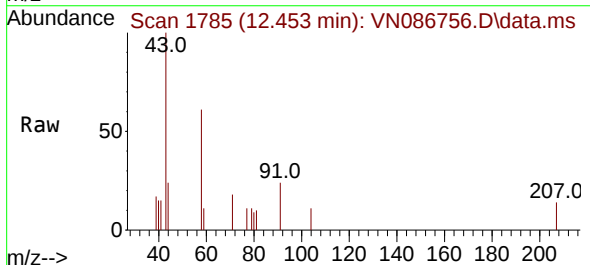
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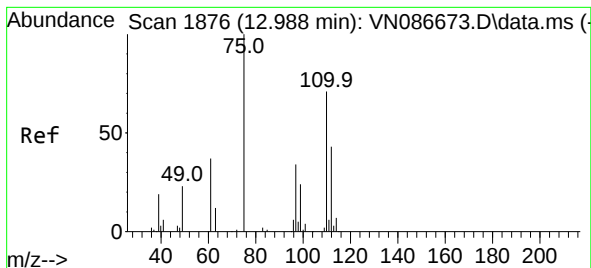
Tgt Ion:105 Resp: 238924
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 0.484 ug/l
RT: 12.453 min Scan# 1785
Delta R.T. -0.035 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
70 0.0 37.9 56.9#
55 6.5 20.5 30.7#
61 0.0 21.7 32.5#





#76

1,2,3-Trichloropropane

Concen: 21.258 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

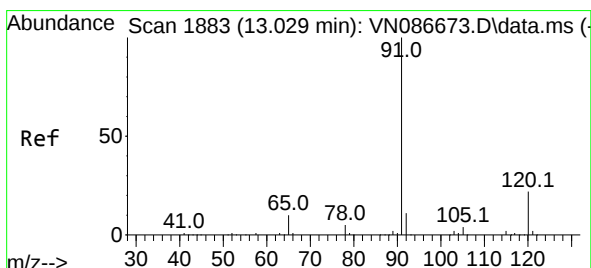
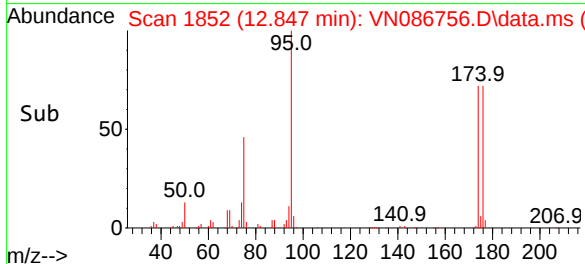
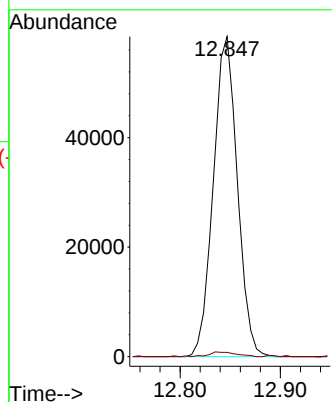
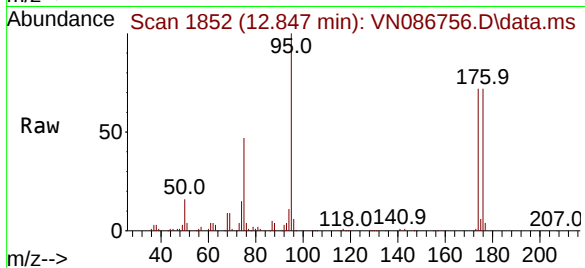
WC-A4-04-GRE

Tgt Ion: 75 Resp: 97174

Ion Ratio Lower Upper

75 100

77 1.7 96.0 288.1#



#78

n-propylbenzene

Concen: 6.396 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN086756.D

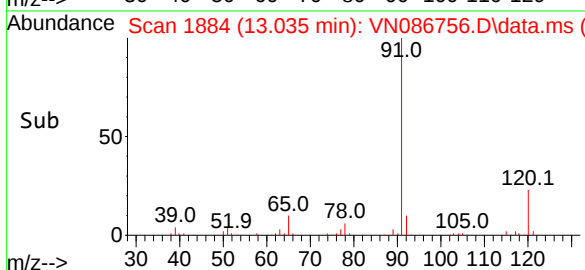
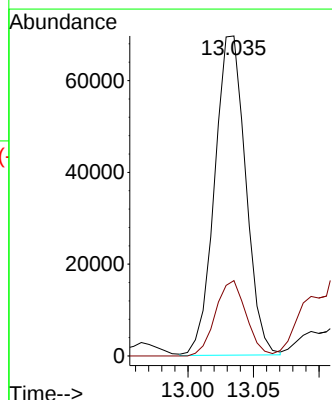
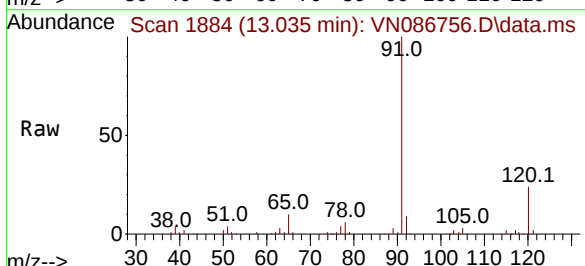
Acq: 22 May 2025 11:06

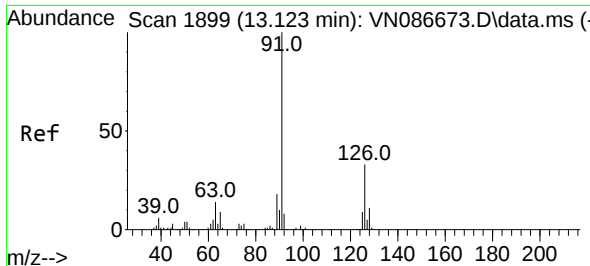
Tgt Ion: 91 Resp: 114578

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.1

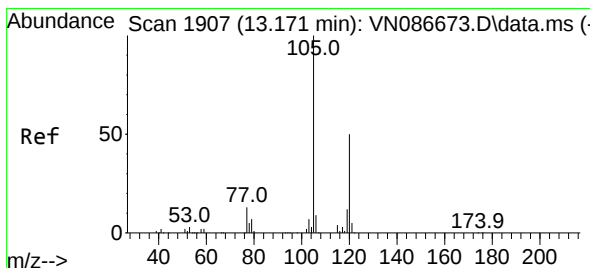
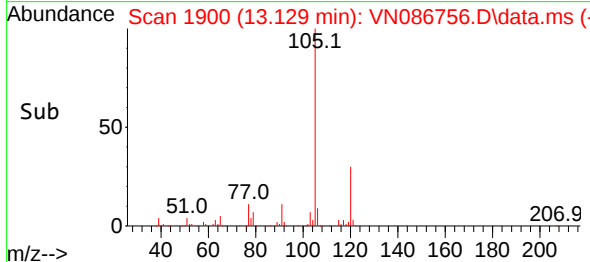
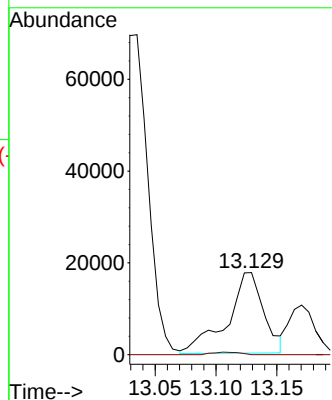
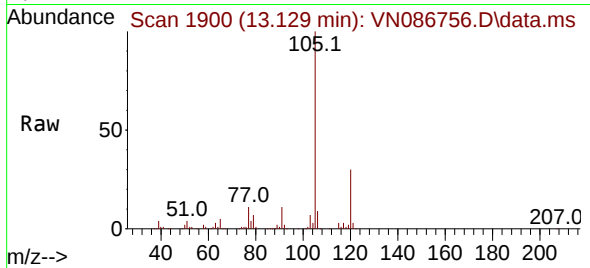




#79
2-Chlorotoluene
Concen: 3.154 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

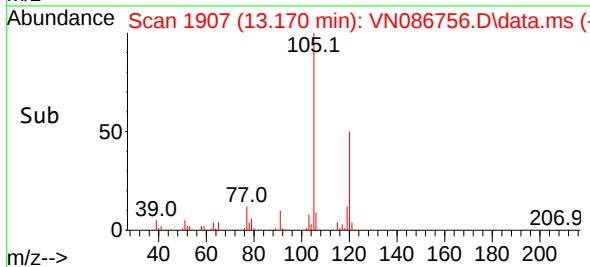
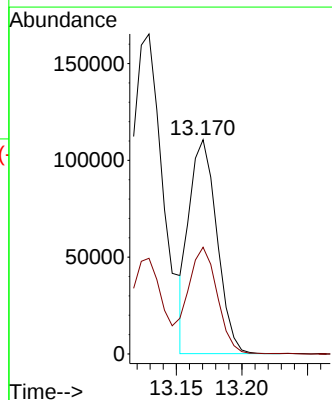
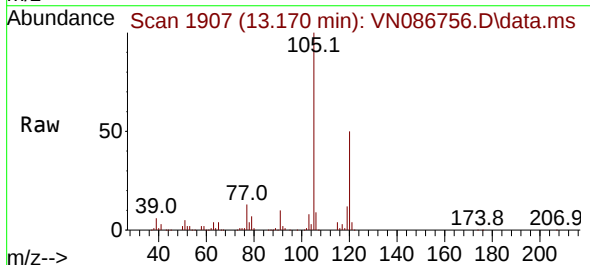
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

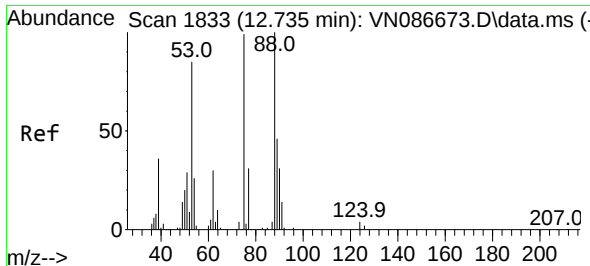
Tgt Ion: 91 Resp: 36738
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 12.940 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 105 Resp: 161834
Ion Ratio Lower Upper
105 100
120 53.4 24.9 74.6

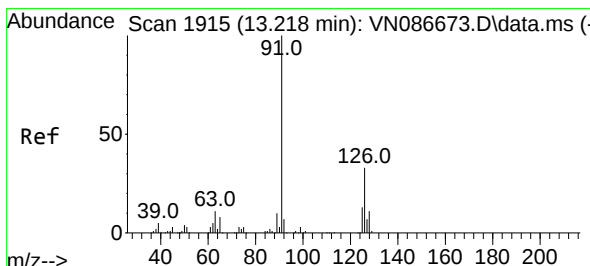
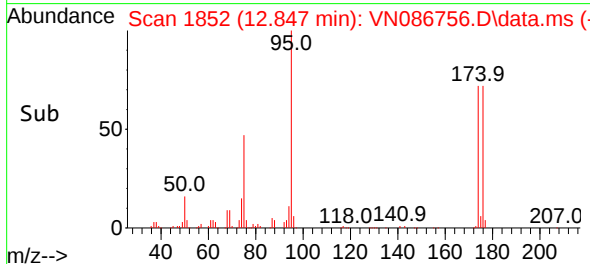
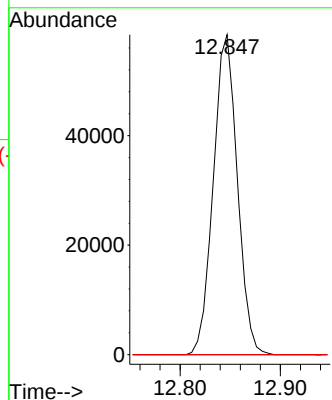
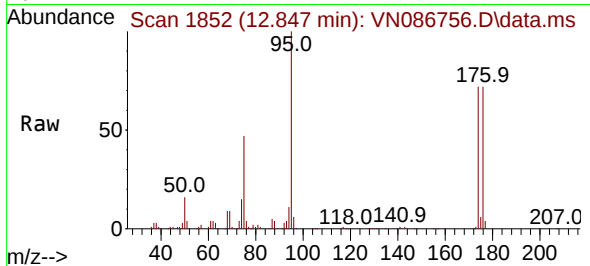




#81
trans-1,4-Dichloro-2-butene
Concen: 53.648 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

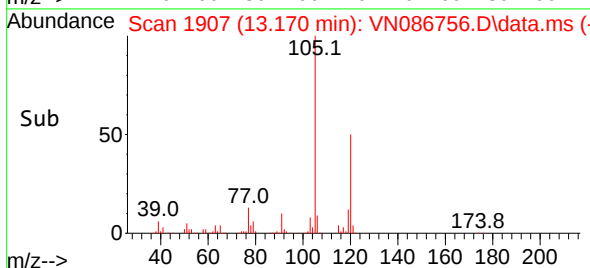
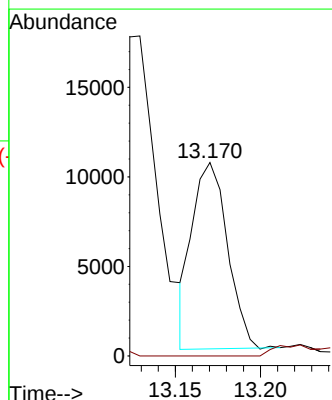
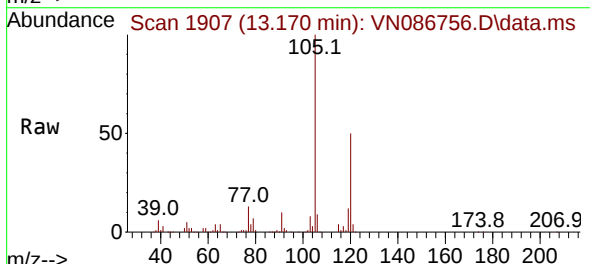
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

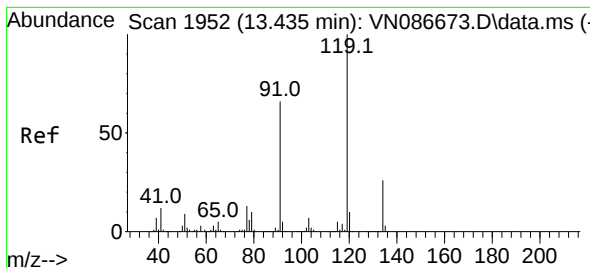
Tgt Ion: 75 Resp: 97174
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 32.4 48.6#



#82
4-Chlorotoluene
Concen: 1.297 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

Tgt Ion: 91 Resp: 14964
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#





#83

tert-Butylbenzene

Concen: 7.603 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

WC-A4-04-GRE

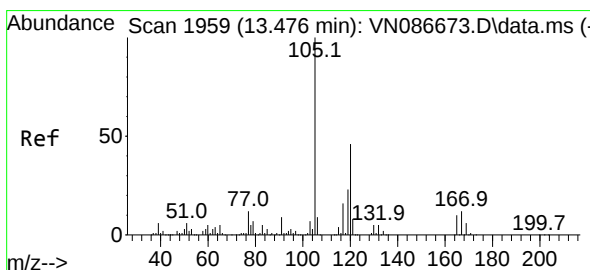
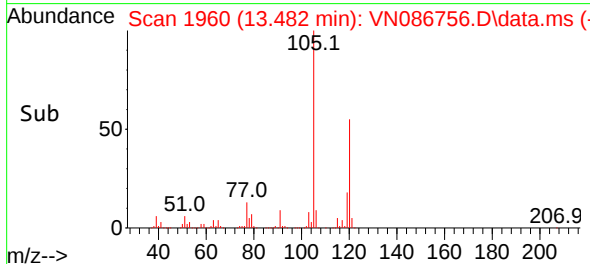
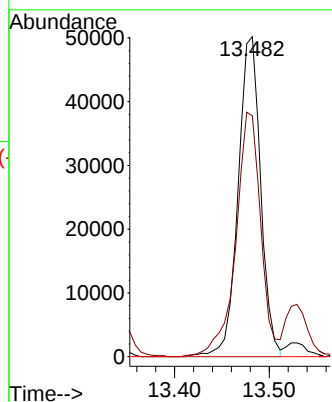
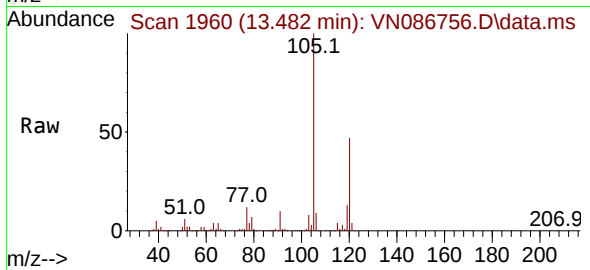
Tgt Ion:119 Resp: 82923

Ion Ratio Lower Upper

119 100

91 85.0 32.9 98.7

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 51.819 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086756.D

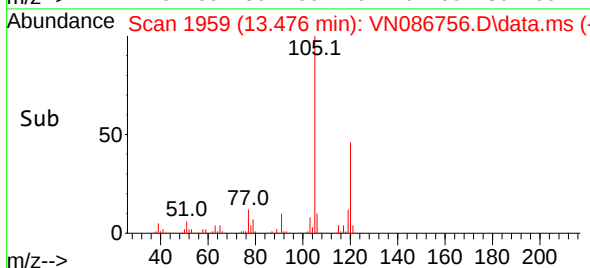
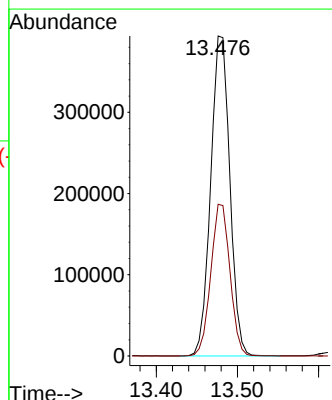
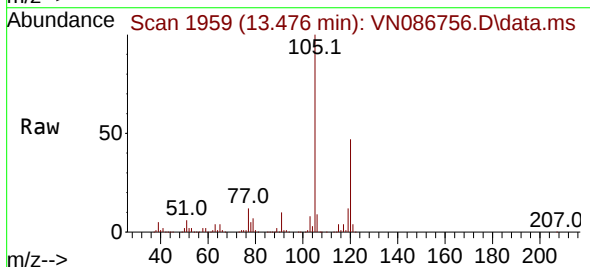
Acq: 22 May 2025 11:06

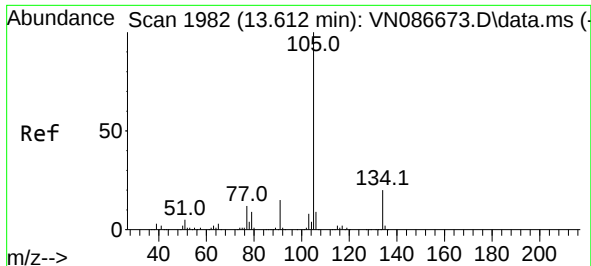
Tgt Ion:105 Resp: 645388

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6

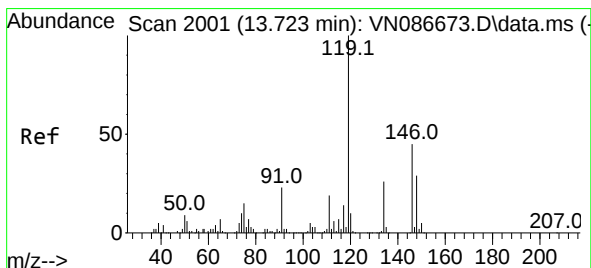
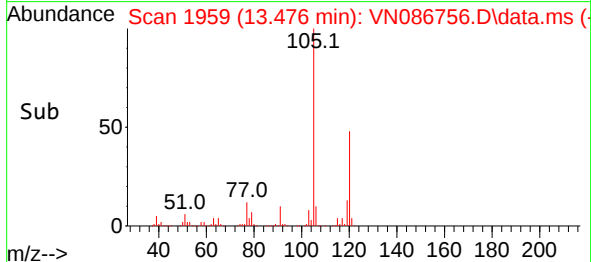
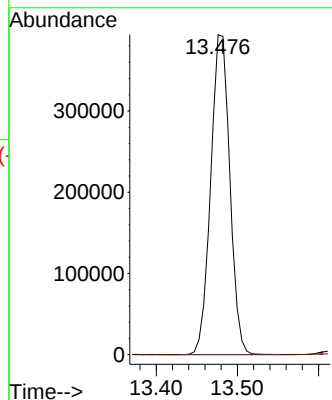
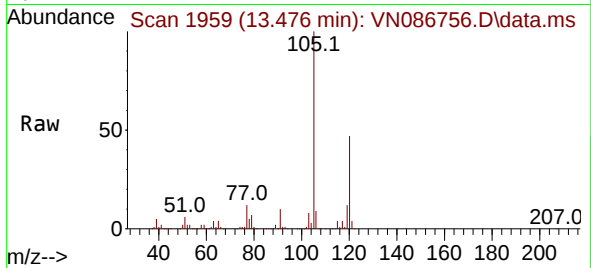




#85
 sec-Butylbenzene
 Concen: 44.129 ug/l
 RT: 13.476 min Scan# 1982
 Delta R.T. -0.135 min
 Lab File: VN086756.D
 Acq: 22 May 2025 11:06

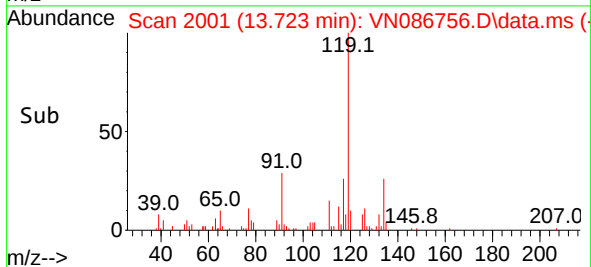
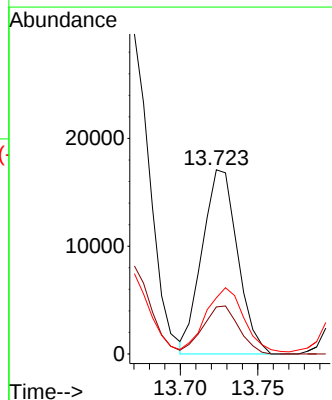
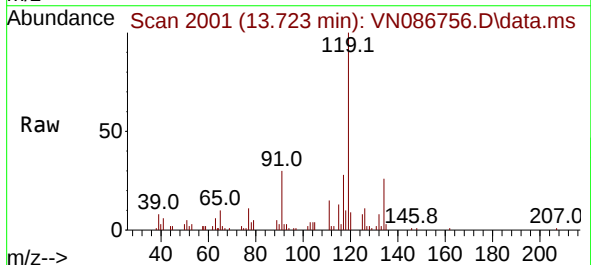
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A4-04-GRE

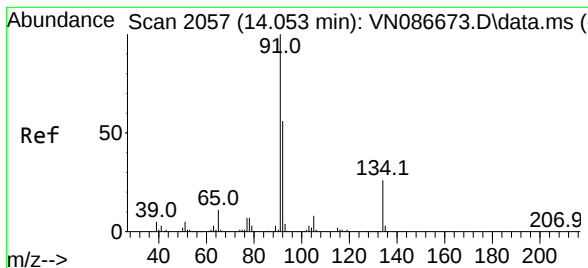
Tgt Ion:105 Resp: 645388
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 2.265 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086756.D
 Acq: 22 May 2025 11:06

Tgt Ion:119 Resp: 27154
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 0.0 11.5 34.5#





#89

n-Butylbenzene

Concen: 58.285 ug/l

RT: 13.994 min Scan# 2057

Delta R.T. -0.059 min

Lab File: VN086756.D

Acq: 22 May 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

WC-A4-04-GRE

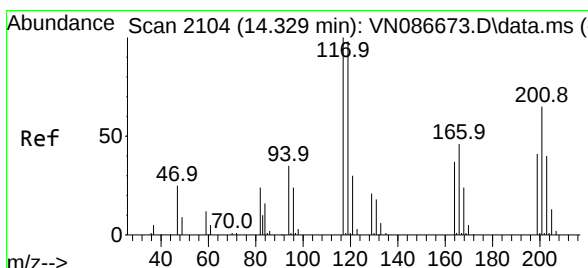
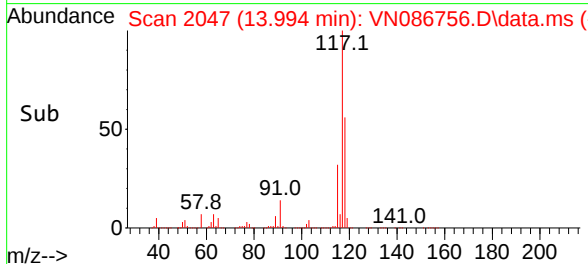
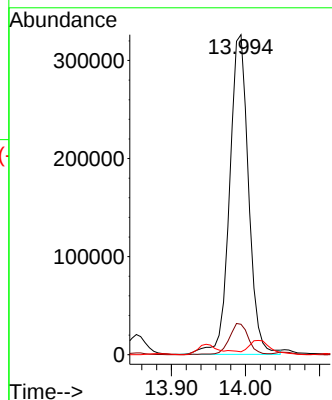
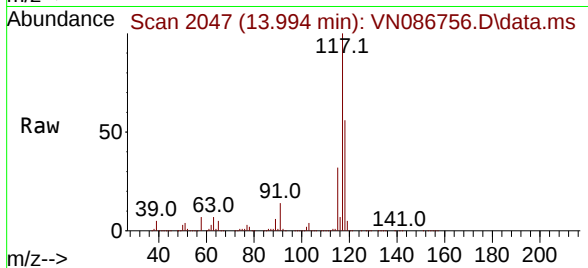
Tgt Ion: 91 Resp: 579231

Ion Ratio Lower Upper

91 100

92 10.0 27.4 82.0#

134 0.0 12.8 38.4#



#90

Hexachloroethane

Concen: 7.328 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.006 min

Lab File: VN086756.D

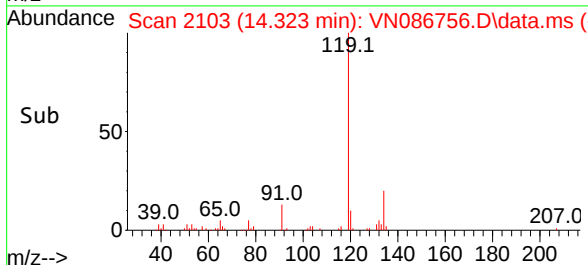
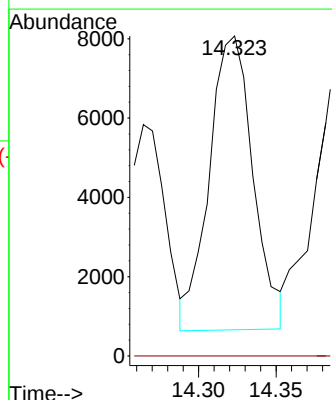
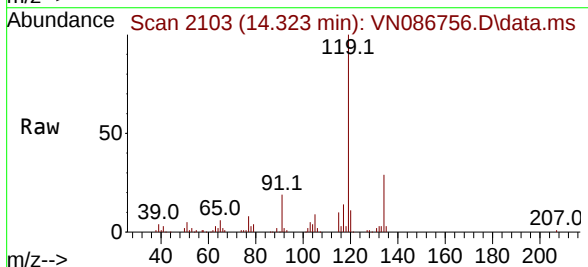
Acq: 22 May 2025 11:06

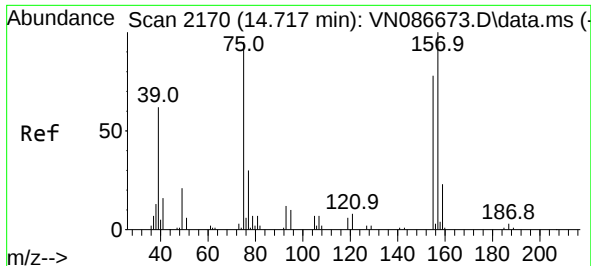
Tgt Ion: 117 Resp: 14575

Ion Ratio Lower Upper

117 100

201 0.0 32.0 96.0#

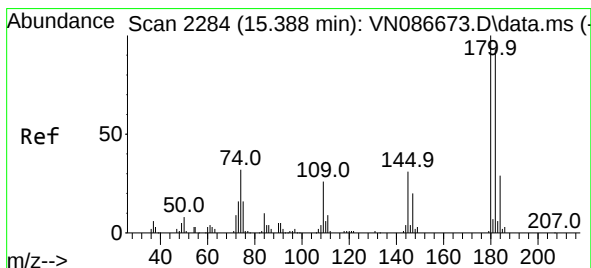
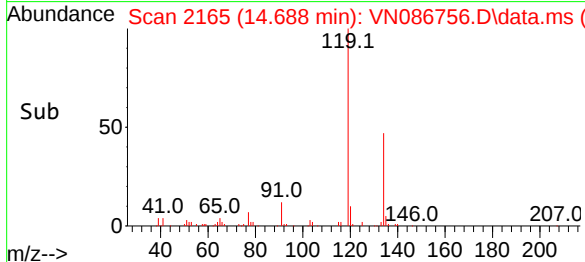
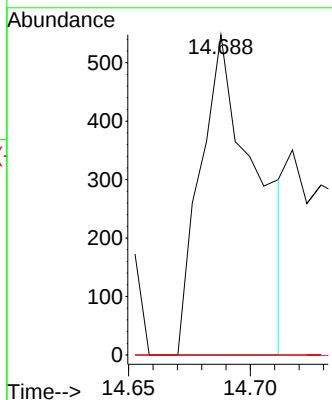
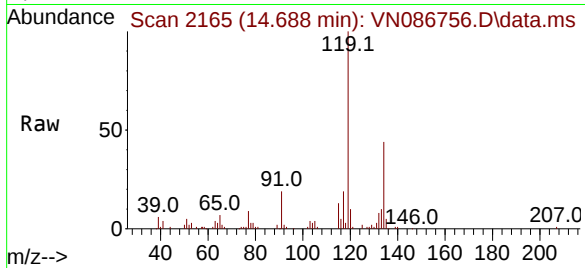




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.095 ug/l
 RT: 14.688 min Scan# 2165
 Delta R.T. -0.030 min
 Lab File: VN086756.D
 Acq: 22 May 2025 11:06

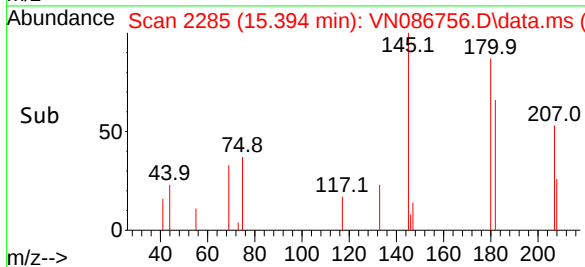
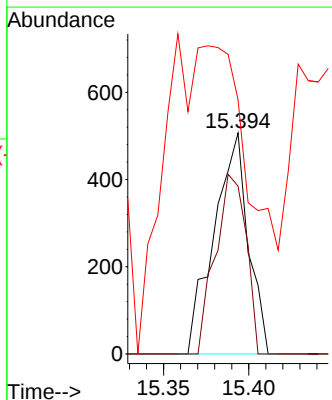
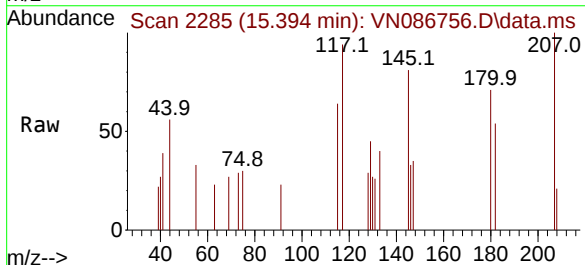
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A4-04-GRE

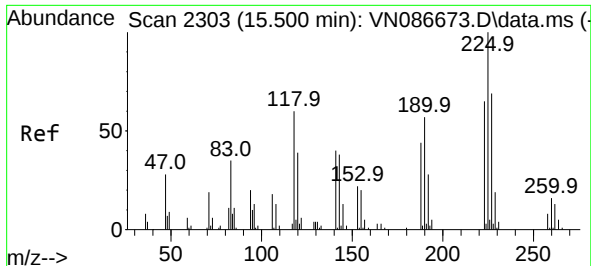
Tgt Ion: 75 Resp: 870
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.5 121.5#
 157 0.0 53.6 160.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.260 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: VN086756.D
 Acq: 22 May 2025 11:06

Tgt Ion: 180 Resp: 709
 Ion Ratio Lower Upper
 180 100
 182 73.1 47.1 141.3
 145 0.0 15.6 46.8#

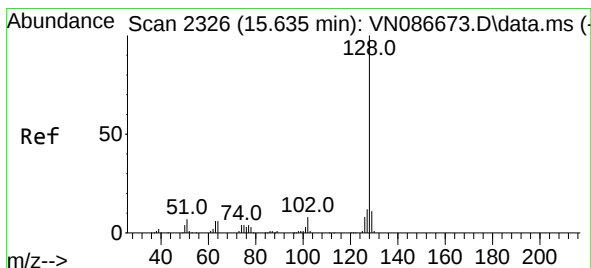
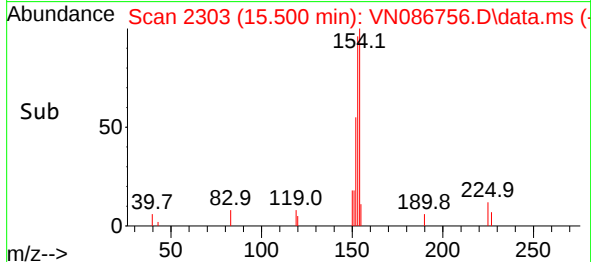
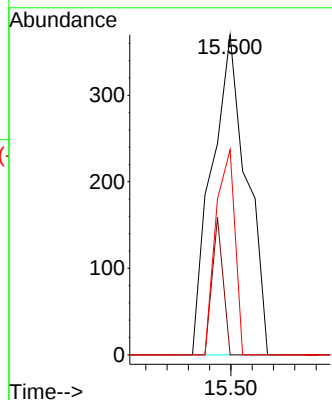
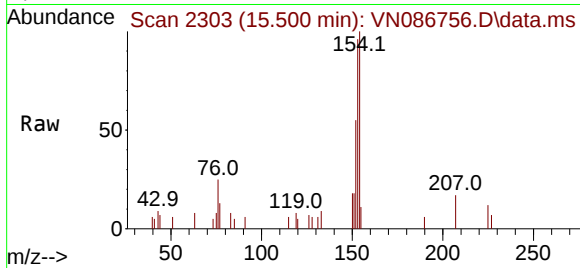




#94
Hexachlorobutadiene
Concen: 0.372 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

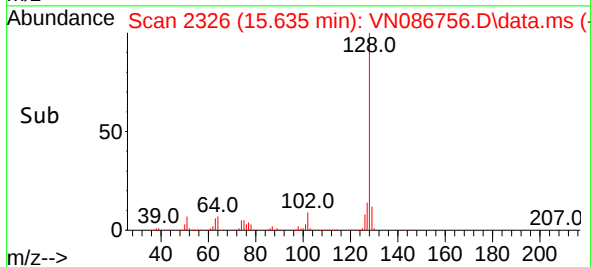
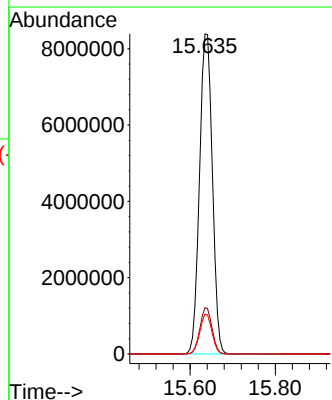
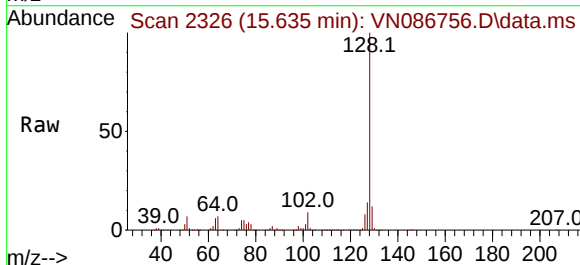
Instrument :
MSVOA_N
ClientSampleId :
WC-A4-04-GRE

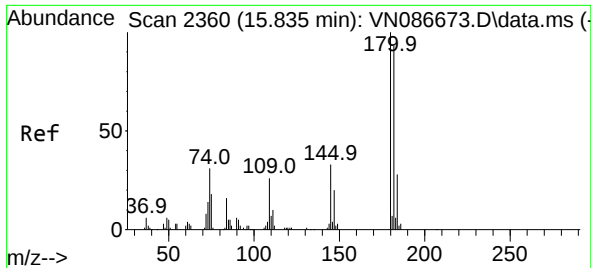
Tgt Ion:225 Resp: 421
Ion Ratio Lower Upper
225 100
223 13.3 32.9 98.6#
227 34.9 32.4 97.2



#95
Naphthalene
Concen: 1846.577 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086756.D
Acq: 22 May 2025 11:06

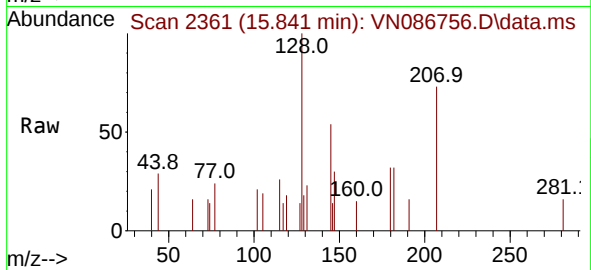
Tgt Ion:128 Resp:17504109
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 11.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.240 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086756.D
 Acq: 22 May 2025 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A4-04-GRE



Tgt Ion:	180	Resp:	642
Ion	Ratio	Lower	Upper
180	100		
182	56.1	47.0	141.2
145	0.0	16.7	50.1#

