

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086759.D
 Acq On : 22 May 2025 12:19
 Operator : JC\MD
 Sample : Q2079-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 23 01:35:32 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	240014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	448142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	429564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	215128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148846	44.880	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.760%
35) Dibromofluoromethane	8.159	113	98149	36.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.560%#
50) Toluene-d8	10.565	98	564324	51.024	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.847	95	216407	55.415	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.820%

Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	1293	2.141	ug/l #	73
16) Acetone	4.424	43	127358	102.657	ug/l	93
17) Carbon Disulfide	4.718	76	9136	1.233	ug/l	95
18) Methyl Acetate	5.018	43	3985	1.148	ug/l	94
20) Methylene Chloride	5.277	84	7021	2.145	ug/l	97
25) 2-Butanone	7.483	43	9129	4.762	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	2264	0.652	ug/l	94
29) Tetrahydrofuran	7.841	42	1545	1.235	ug/l #	81
31) Cyclohexane	8.224	56	4532	0.910	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	18115	4.602	ug/l #	49
37) Ethyl Acetate	7.483	43	9129	2.296	ug/l #	63
38) Carbon Tetrachloride	8.224	117	23422	6.038	ug/l #	15
40) Benzene	8.606	78	177441	13.817	ug/l	97
41) Methacrylonitrile	7.847	41	685	0.319	ug/l #	25
43) Isopropyl Acetate	8.682	43	2646	0.332	ug/l #	54
48) Methyl methacrylate	9.653	41	1143	0.370	ug/l #	24
51) 4-Methyl-2-Pentanone	10.447	43	3351	0.834	ug/l	99
52) Toluene	10.629	92	113166	14.178	ug/l	99
53) t-1,3-Dichloropropene	10.624	75	1149	0.256	ug/l #	1
55) 1,1,2-Trichloroethane	10.882	97	1214	0.408	ug/l #	14
59) 2-Hexanone	11.165	43	14509	4.942	ug/l #	21
65) Chlorobenzene	12.035	112	2183	0.232	ug/l #	42
67) Ethyl Benzene	11.959	91	2008953	124.516	ug/l	99
68) m/p-Xylenes	12.065	106	330474	54.078	ug/l	96
69) o-Xylene	12.394	106	322205	53.034	ug/l	99
70) Styrene	12.394	104	19151	1.925	ug/l #	1
73) Isopropylbenzene	12.694	105	161244	9.705	ug/l	100
74) N-amyl acetate	12.459	43	2970	0.428	ug/l #	44
76) 1,2,3-Trichloropropane	12.841	75	101735	20.910	ug/l #	1
78) n-propylbenzene	13.029	91	54831	2.876	ug/l	100
79) 2-Chlorotoluene	13.335	91	17261	1.392	ug/l	86
80) 1,3,5-Trimethylbenzene	13.170	105	113920	8.558	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.841	75	101735	52.770	ug/l #	15
82) 4-Chlorotoluene	13.335	91	17261	1.405	ug/l	84
83) tert-Butylbenzene	13.476	119	59010	5.083	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.476	105	452648	34.146	ug/l	99

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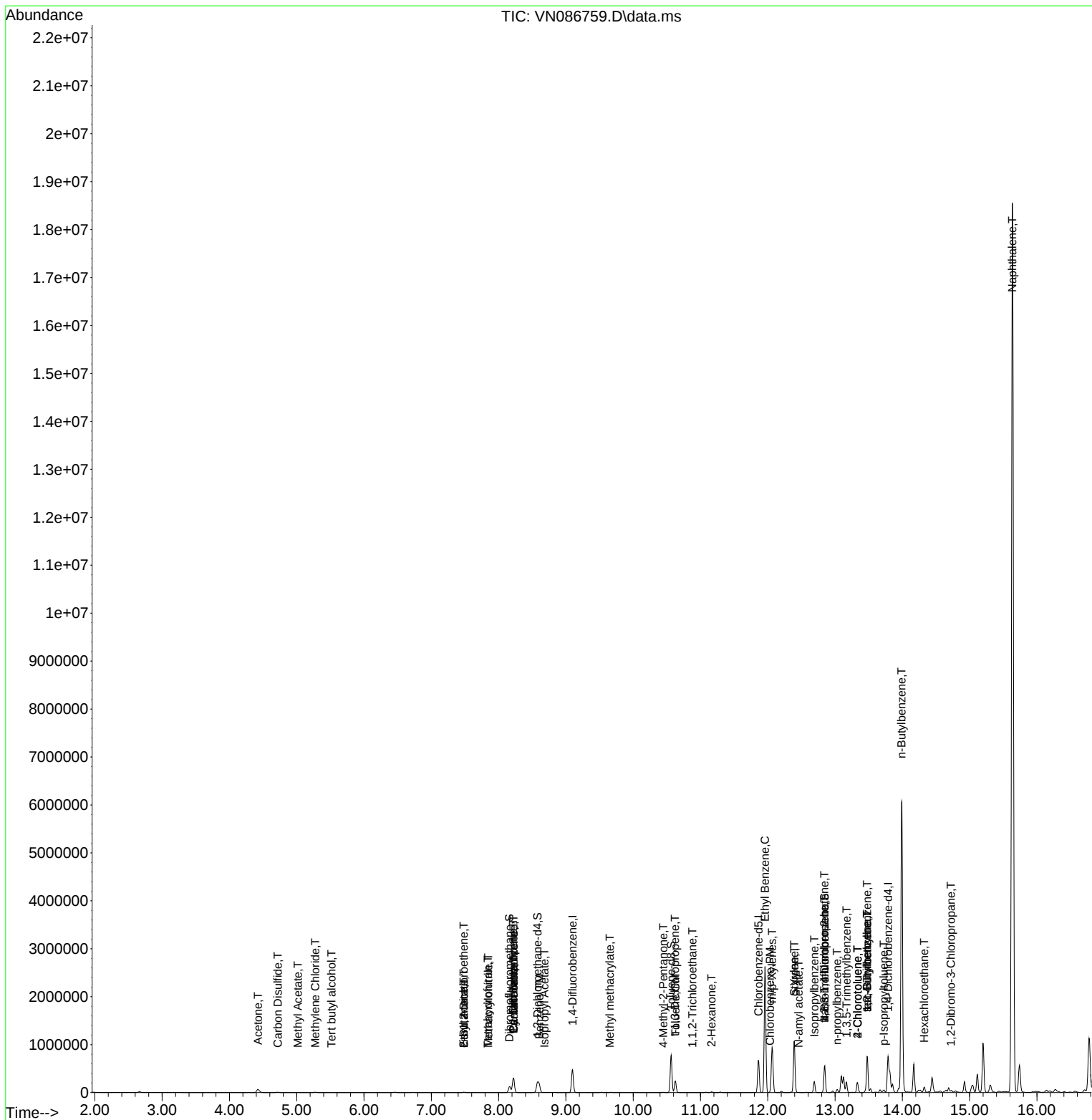
Instrument :
MSVOA_N
ClientSampleId :

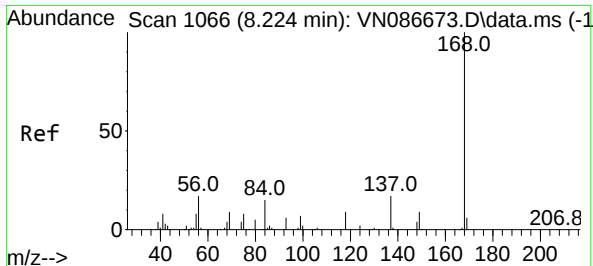
Quant Time: May 23 01:35:32 2025
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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.476	105	452648	29.079	ug/l #	56
86) p-Isopropyltoluene	13.723	119	19133	1.500	ug/l #	77
89) n-Butylbenzene	13.988	91	562575	53.186	ug/l #	41
90) Hexachloroethane	14.323	117	8810	4.162	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.723	75	314	0.371	ug/l #	2
95) Naphthalene	15.635	128	17938476	1777.983	ug/l	97

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

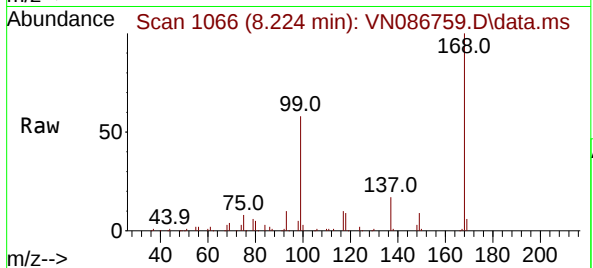
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
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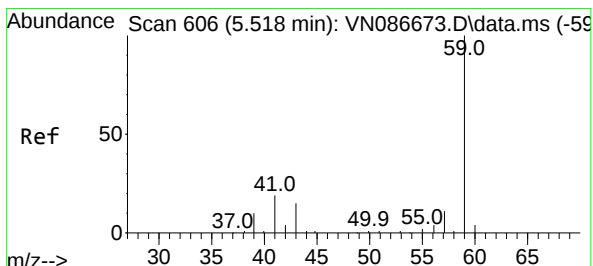
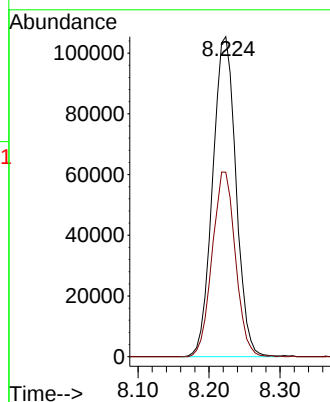
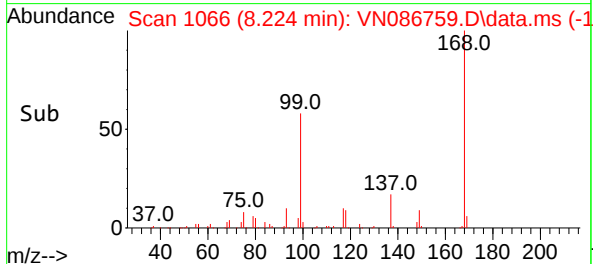


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

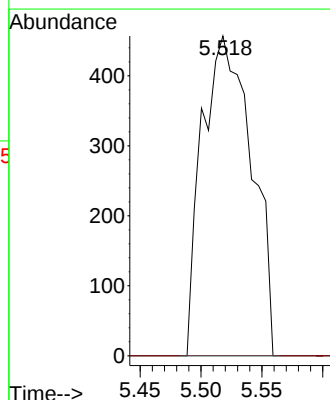
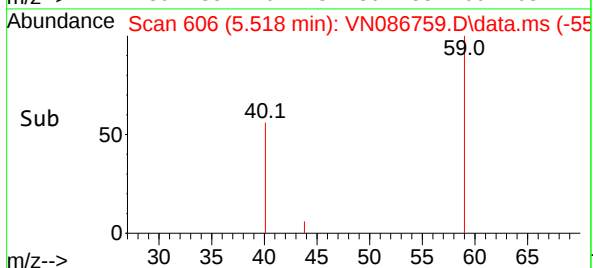
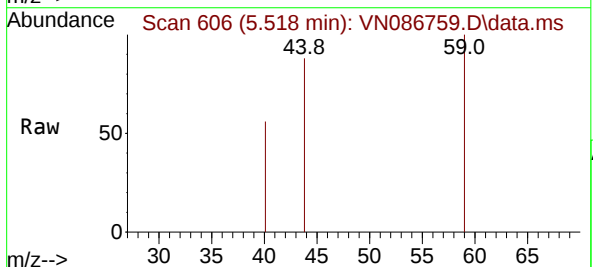


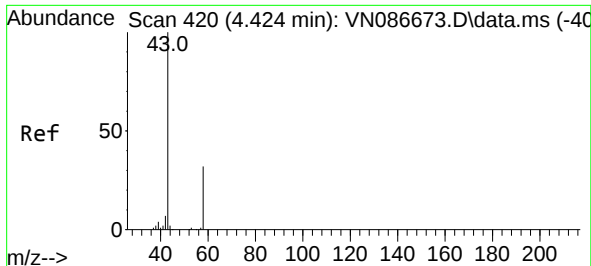
Tgt Ion:168 Resp: 240014
Ion Ratio Lower Upper
168 100
99 57.7 47.0 70.4



#11
Tert butyl alcohol
Concen: 2.141 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

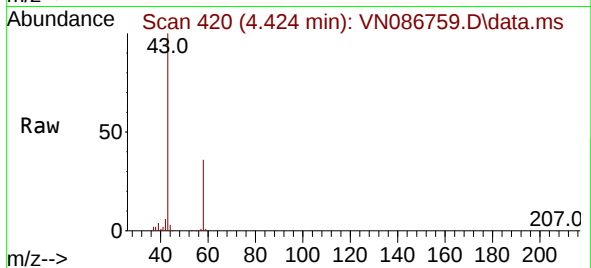
Tgt Ion: 59 Resp: 1293
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



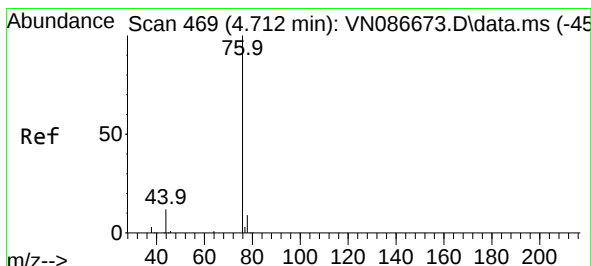
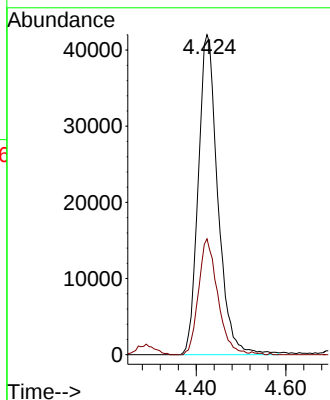
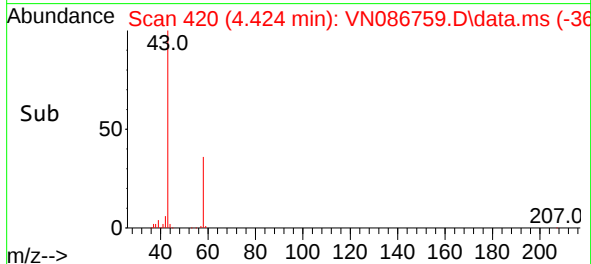


#16
Acetone
Concen: 102.657 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

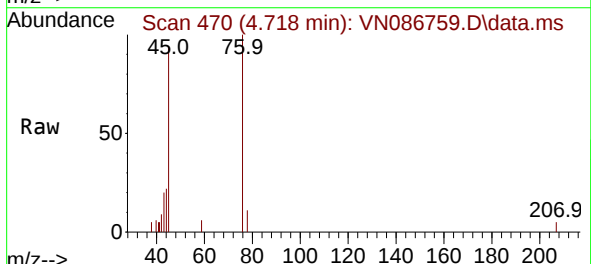
Instrument :
MSVOA_N
ClientSampleId :



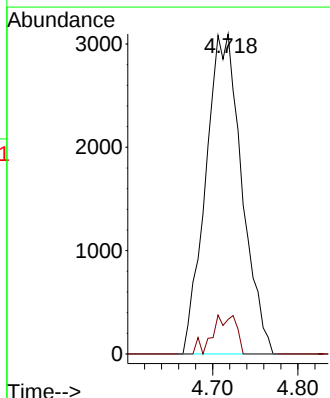
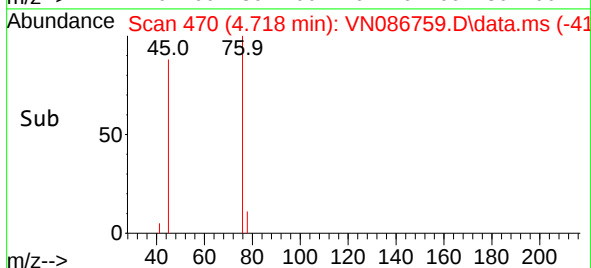
Tgt Ion: 43 Resp: 127358
Ion Ratio Lower Upper
43 100
58 36.2 25.8 38.6

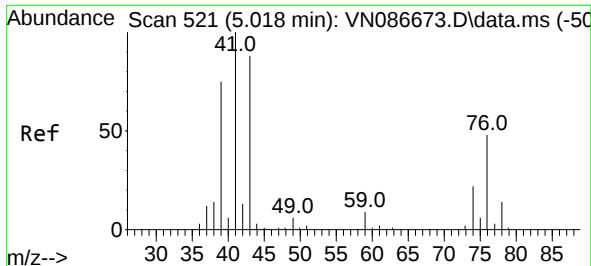


#17
Carbon Disulfide
Concen: 1.233 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19



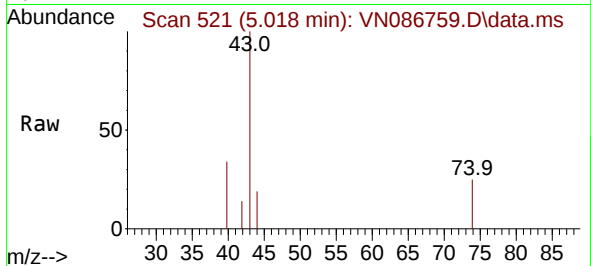
Tgt Ion: 76 Resp: 9136
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9



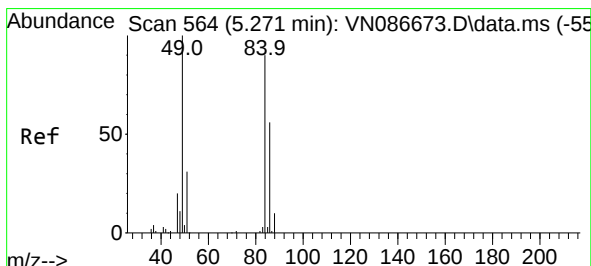
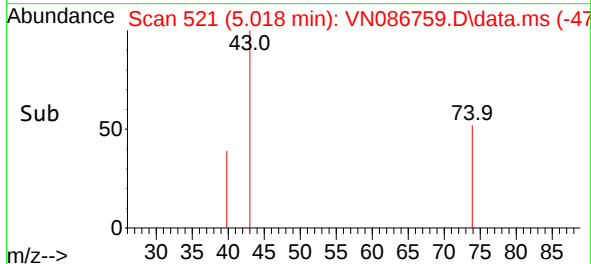
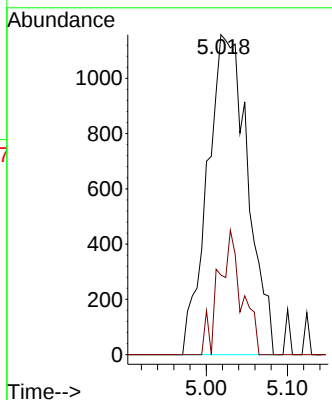


#18
Methyl Acetate
Concen: 1.148 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

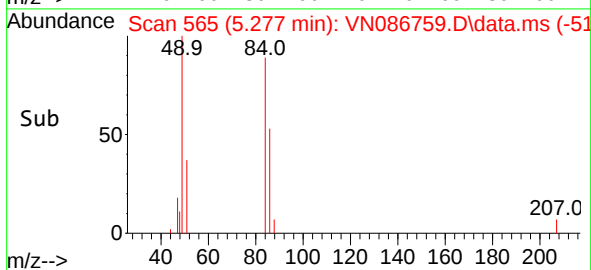
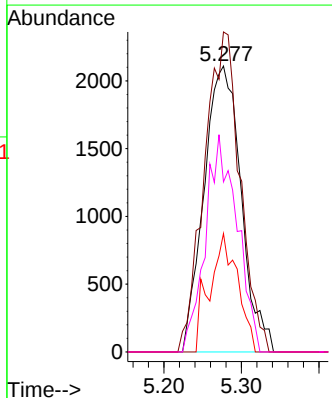
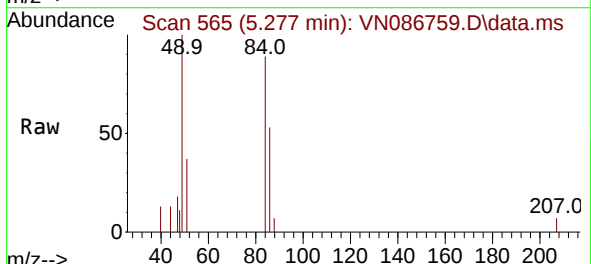


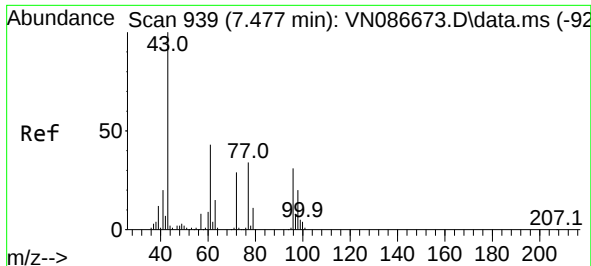
Tgt Ion: 43 Resp: 3985
Ion Ratio Lower Upper
43 100
74 22.5 20.5 30.7



#20
Methylene Chloride
Concen: 2.145 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

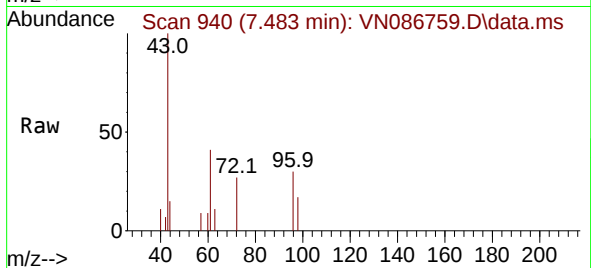
Tgt Ion: 84 Resp: 7021
Ion Ratio Lower Upper
84 100
49 111.9 88.8 133.2
51 41.4 27.8 41.6
86 59.5 49.8 74.6



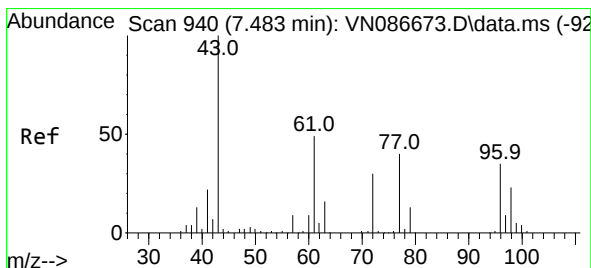
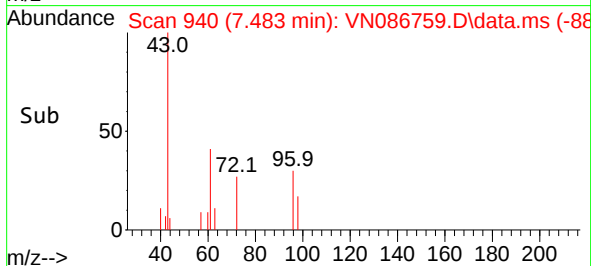
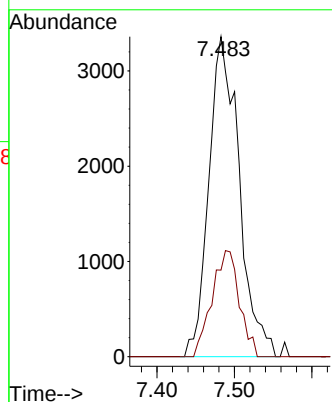


#25
2-Butanone
Concen: 4.762 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

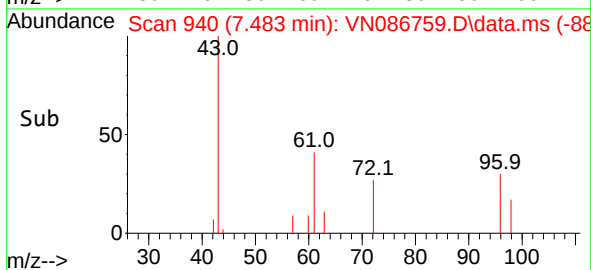
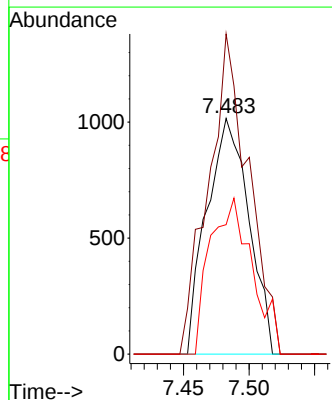
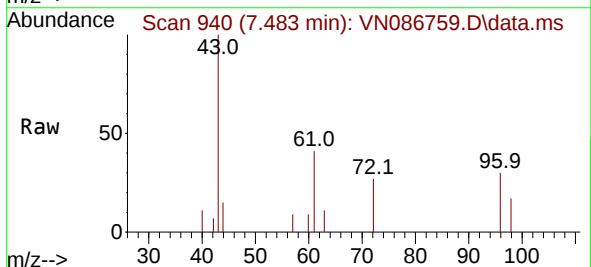


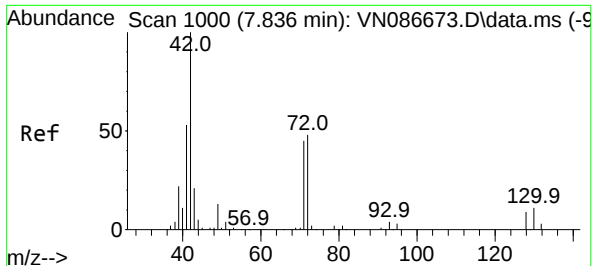
Tgt Ion: 43 Resp: 9129
Ion Ratio Lower Upper
43 100
72 27.1 23.1 34.7



#27
cis-1,2-Dichloroethene
Concen: 0.652 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion: 96 Resp: 2264
Ion Ratio Lower Upper
96 100
61 129.7 0.0 277.4
98 66.3 0.0 129.6





#29

Tetrahydrofuran

Concen: 1.235 ug/l

RT: 7.841 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

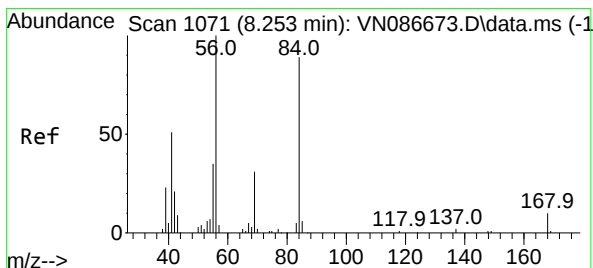
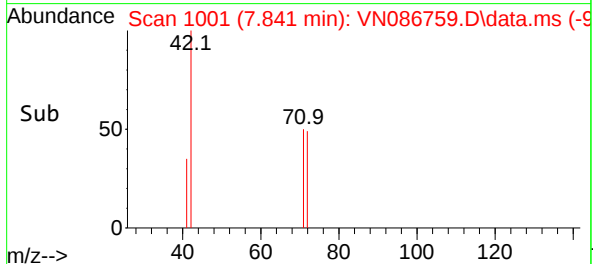
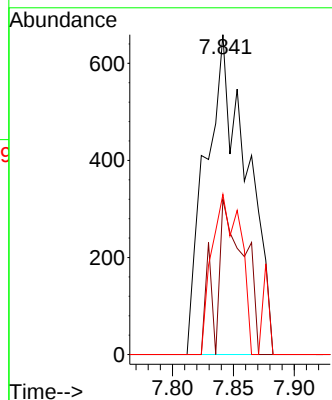
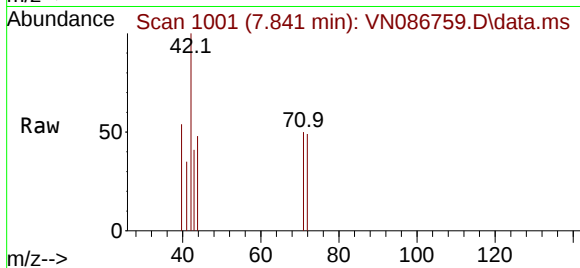
Tgt Ion: 42 Resp: 1545

Ion Ratio Lower Upper

42 100

72 33.2 38.7 58.1#

71 34.9 36.2 54.4#



#31

Cyclohexane

Concen: 0.910 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

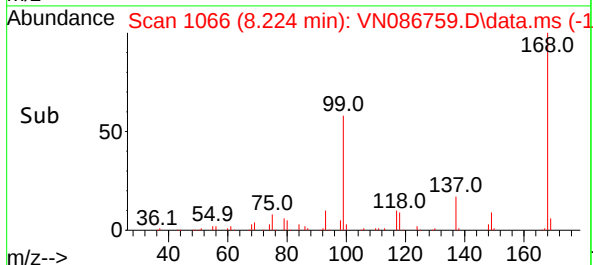
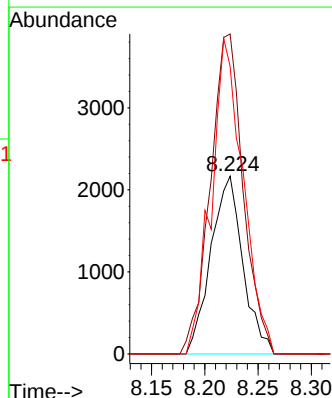
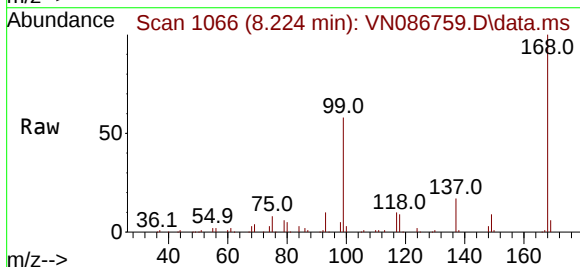
Tgt Ion: 56 Resp: 4532

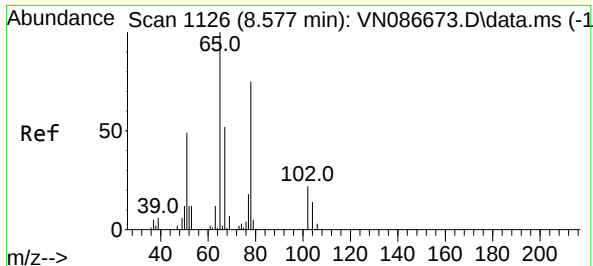
Ion Ratio Lower Upper

56 100

69 180.0 25.0 37.6#

84 161.7 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 44.880 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

Instrument :

MSVOA_N

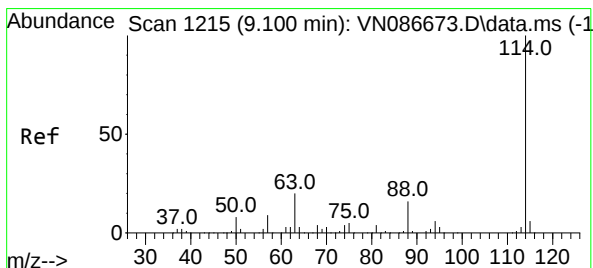
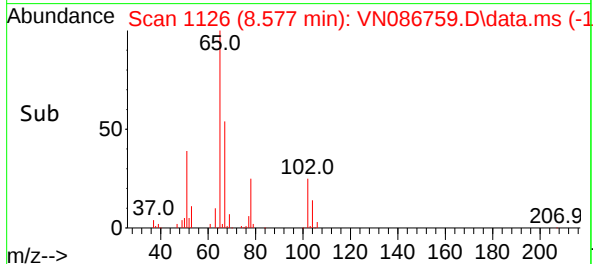
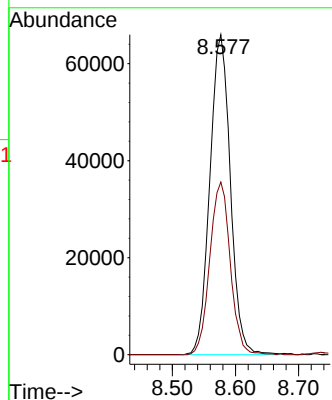
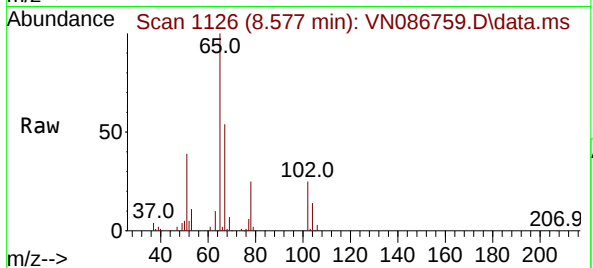
ClientSampleId :

Tgt Ion: 65 Resp: 148846

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

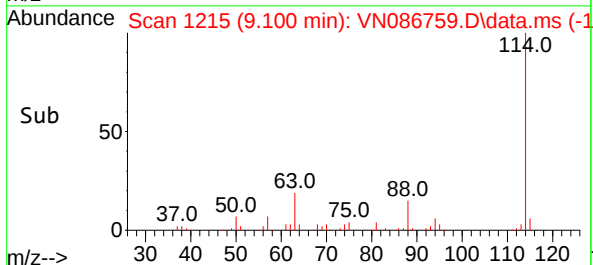
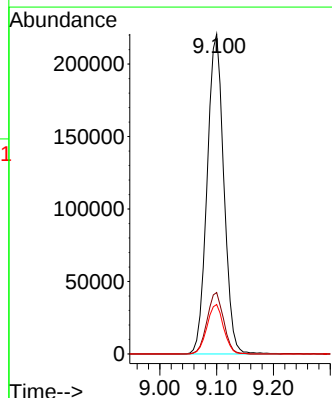
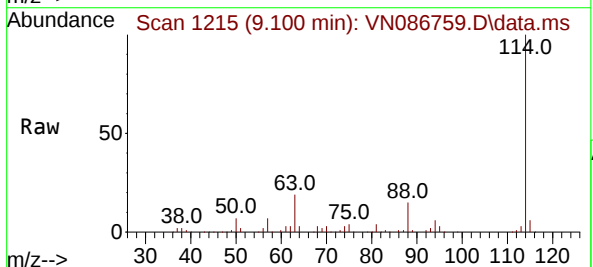
Tgt Ion: 114 Resp: 448142

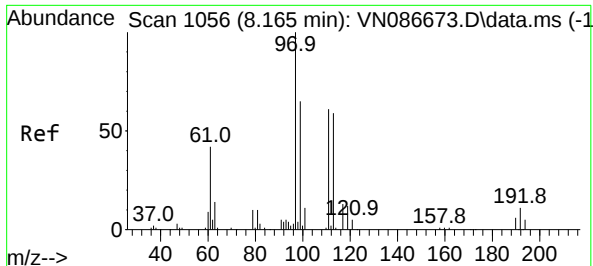
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 36.775 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086759.D

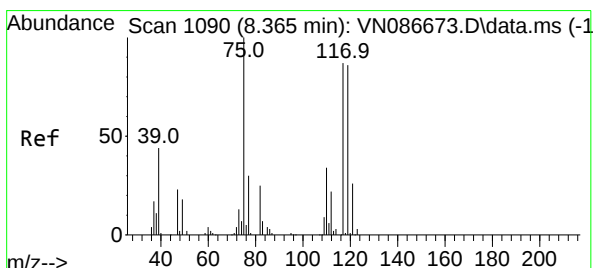
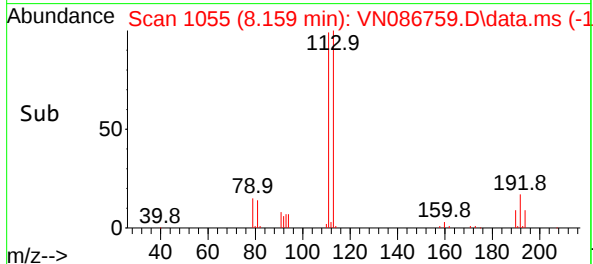
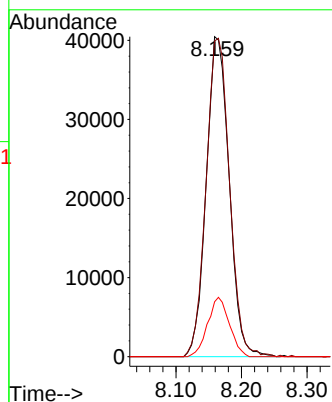
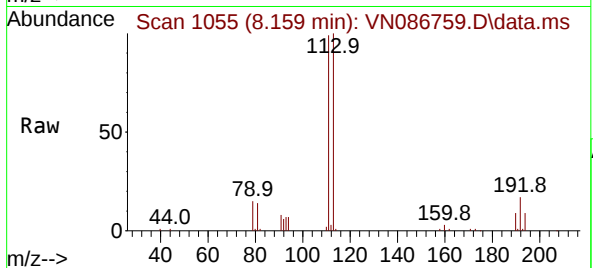
Acq: 22 May 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	98149
Ion	Ratio	Lower Upper
113	100	
111	102.0	82.2 123.2
192	17.6	13.8 20.8



#36

1,1-Dichloropropene

Concen: 4.602 ug/l

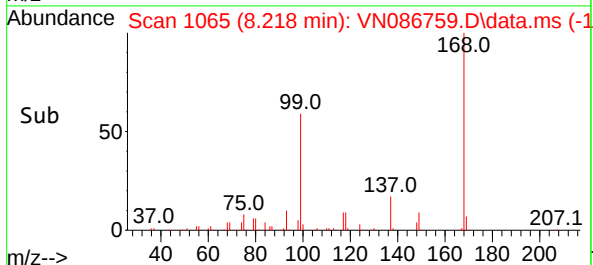
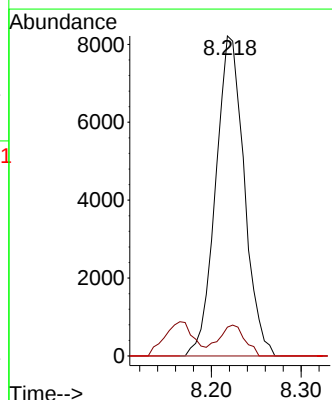
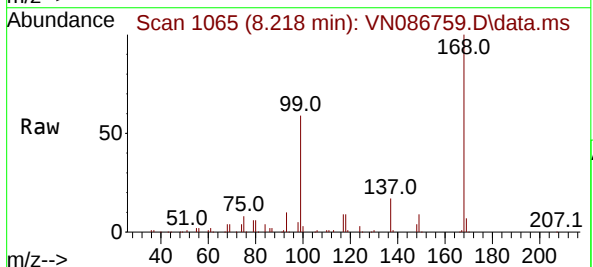
RT: 8.218 min Scan# 1065

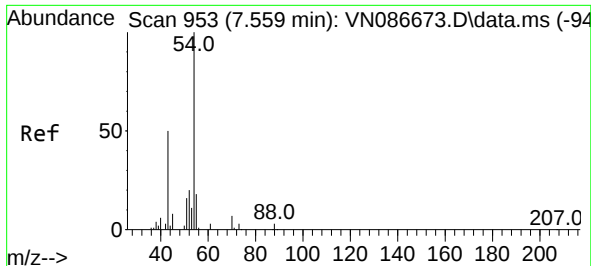
Delta R.T. -0.147 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

Tgt Ion: 75	Resp:	18115
Ion	Ratio	Lower Upper
75	100	
110	8.8	17.5 52.5#
77	0.0	25.1 37.7#





#37

Ethyl Acetate

Concen: 2.296 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.077 min

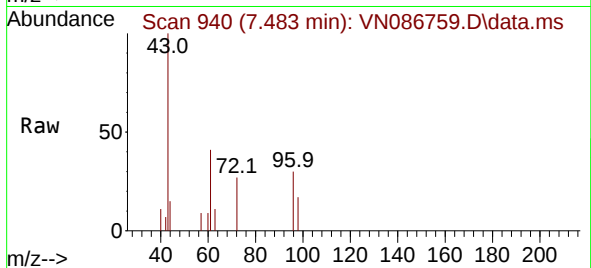
Lab File: VN086759.D

Acq: 22 May 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :



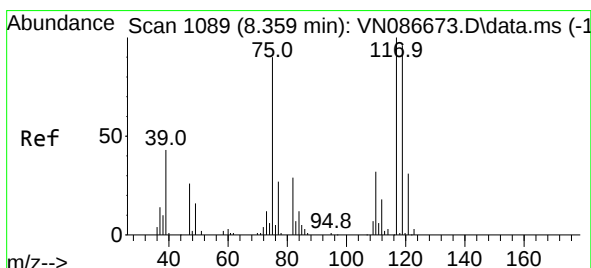
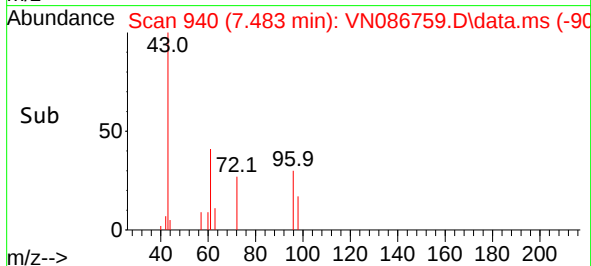
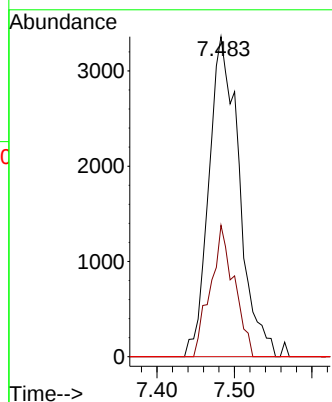
Tgt Ion: 43 Resp: 9129

Ion Ratio Lower Upper

43 100

61 32.2 11.6 17.4#

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 6.038 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

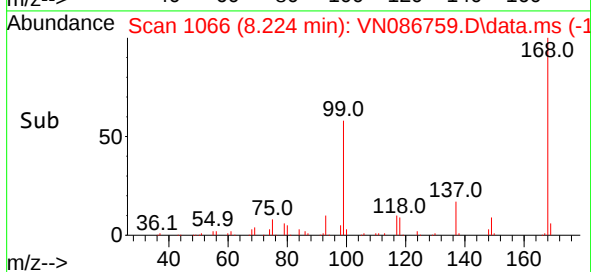
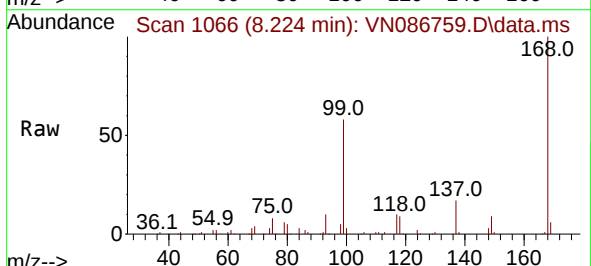
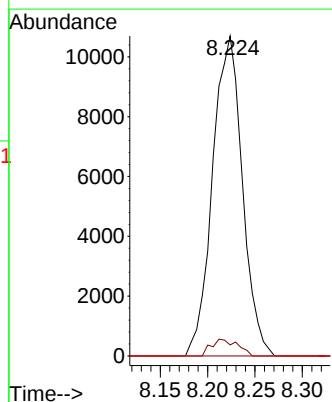
Tgt Ion: 117 Resp: 23422

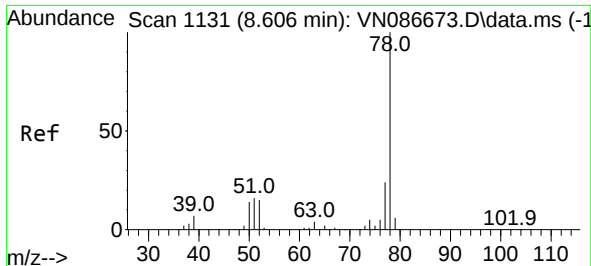
Ion Ratio Lower Upper

117 100

119 3.5 77.0 115.6#

121 0.0 25.0 37.6#

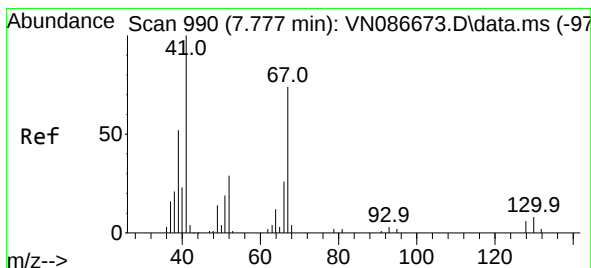
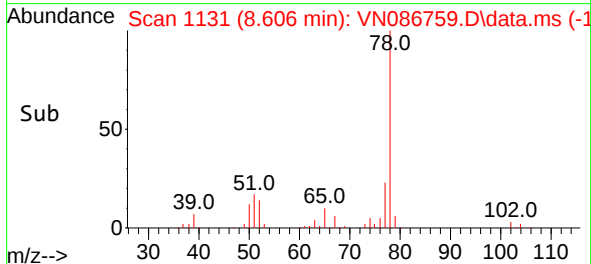
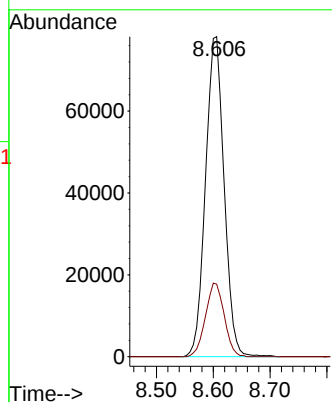
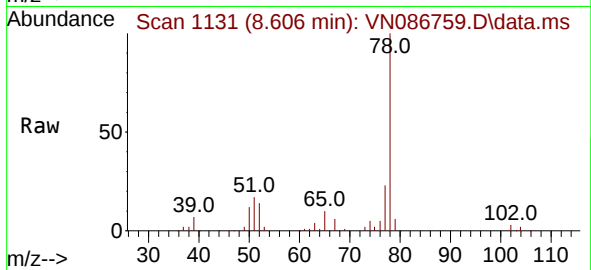




#40
Benzene
Concen: 13.817 ug/l
RT: 8.606 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

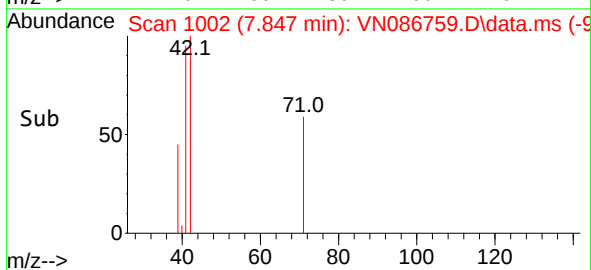
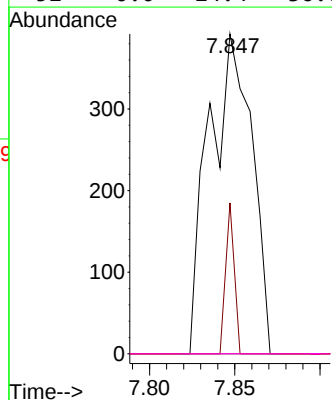
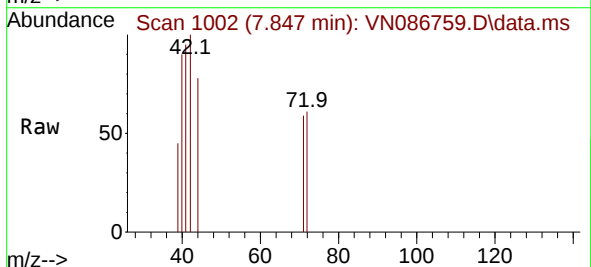
Instrument :
MSVOA_N
ClientSampleId :

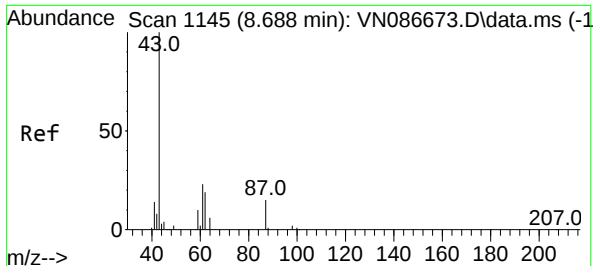
Tgt Ion: 78 Resp: 177441
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7



#41
Methacrylonitrile
Concen: 0.319 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.070 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion: 41 Resp: 685
Ion Ratio Lower Upper
41 100
39 9.5 44.9 67.3#
67 0.0 63.4 95.0#
52 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.332 ug/l

RT: 8.682 min Scan# 1145

Delta R.T. -0.006 min

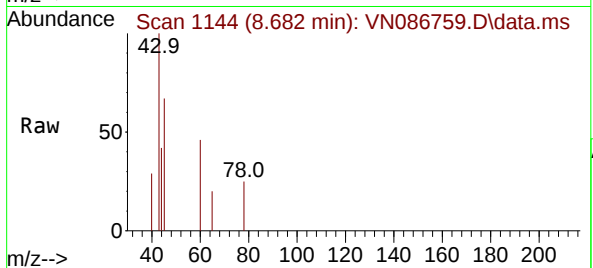
Lab File: VN086759.D

Acq: 22 May 2025 12:19

Instrument :

MSVOA_N

ClientSampleId :



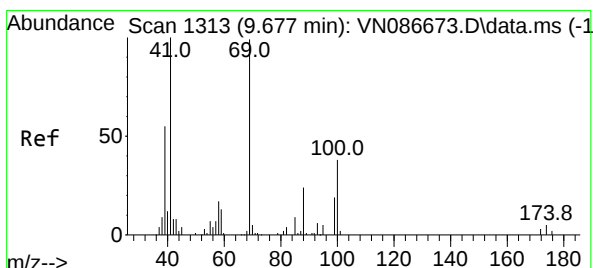
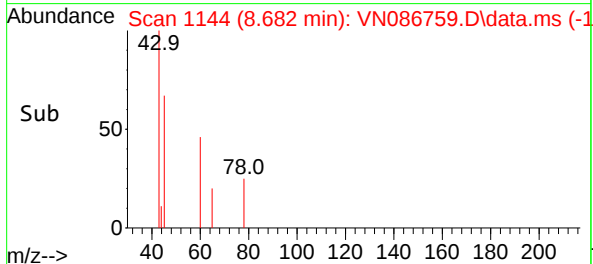
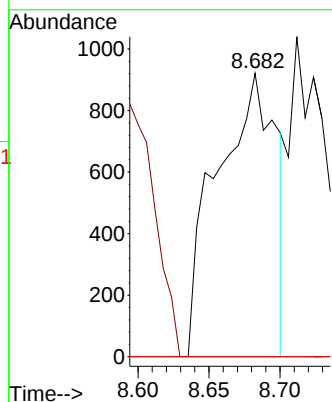
Tgt Ion: 43 Resp: 2646

Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.2#

87 0.0 11.1 16.7#



#48

Methyl methacrylate

Concen: 0.370 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.024 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

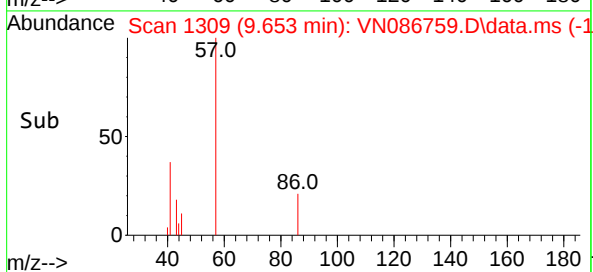
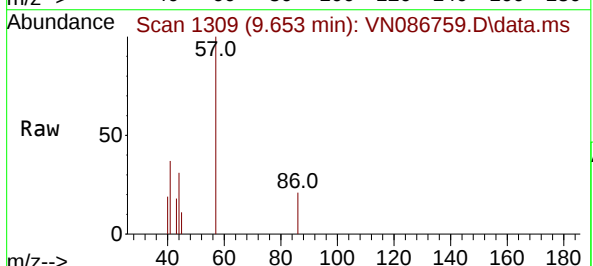
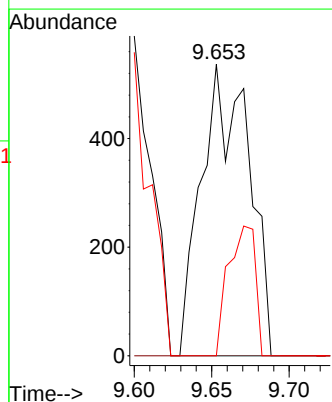
Tgt Ion: 41 Resp: 1143

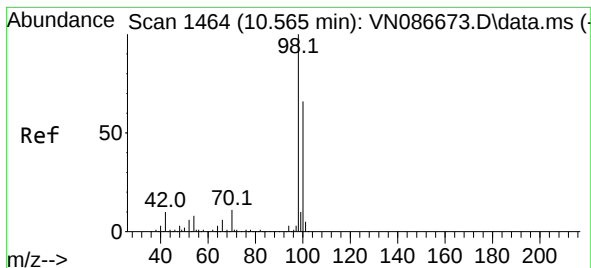
Ion Ratio Lower Upper

41 100

69 0.0 74.1 111.1#

39 25.2 44.1 66.1#

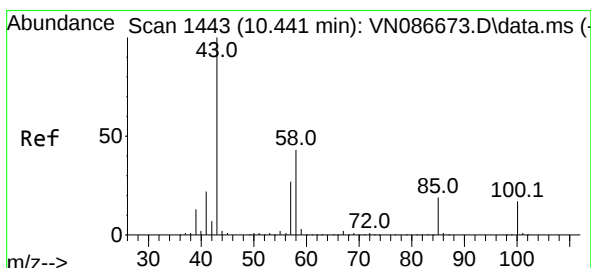
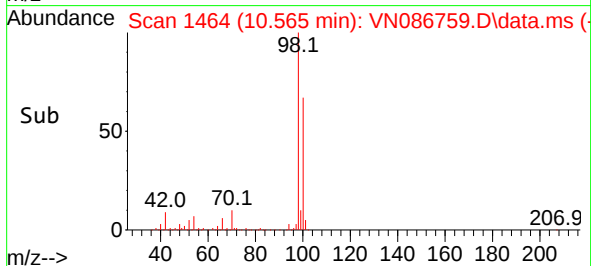
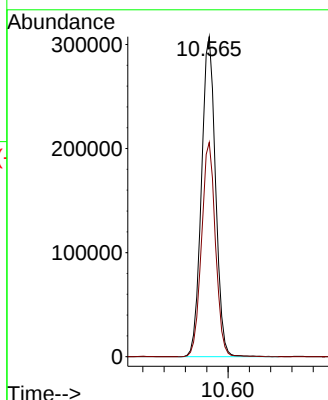
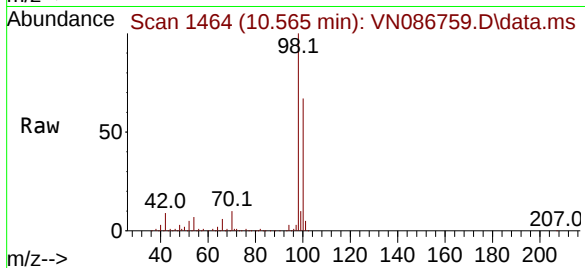




#50
Toluene-d8
Concen: 51.024 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

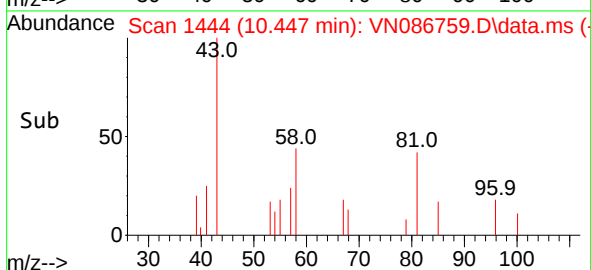
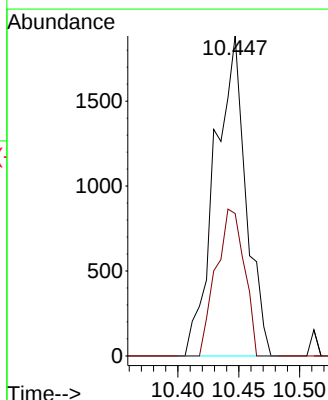
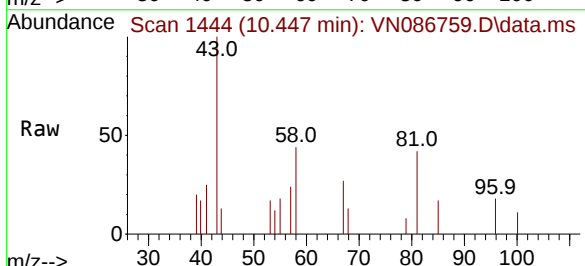
Instrument :
MSVOA_N
ClientSampleId :

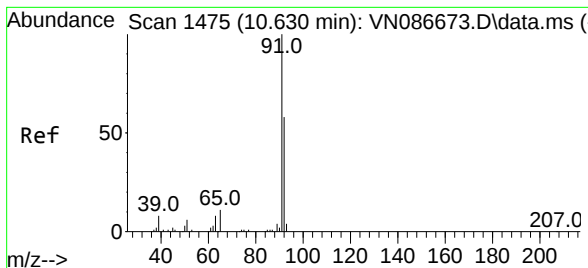
Tgt Ion: 98 Resp: 564324
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.834 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion: 43 Resp: 3351
Ion Ratio Lower Upper
43 100
58 41.6 33.9 50.9





#52

Toluene

Concen: 14.178 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

Instrument :

MSVOA_N

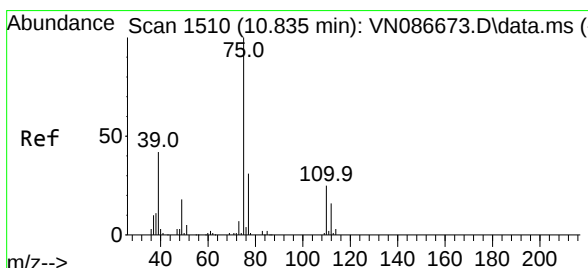
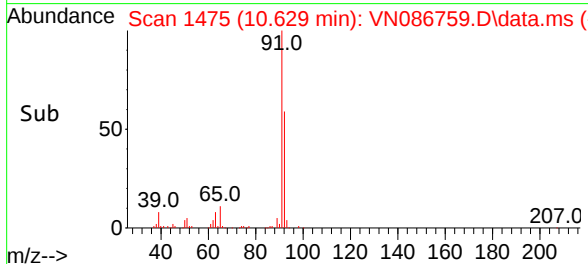
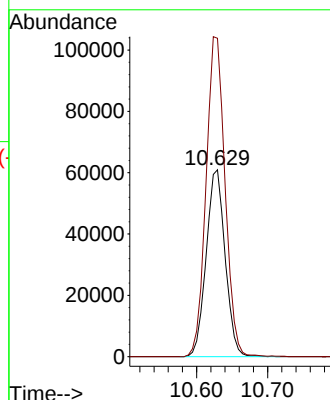
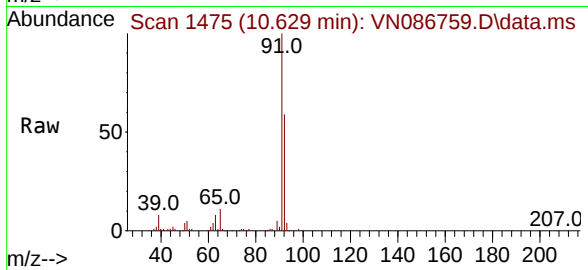
ClientSampleId :

Tgt Ion: 92 Resp: 113166

Ion Ratio Lower Upper

92 100

91 171.5 137.8 206.8



#53

t-1,3-Dichloropropene

Concen: 0.256 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.212 min

Lab File: VN086759.D

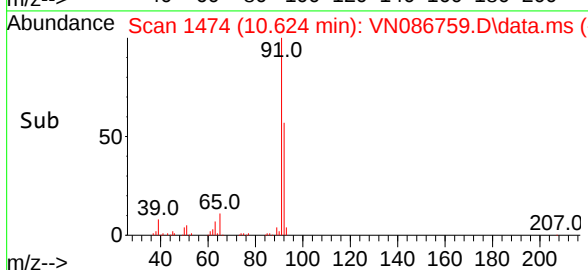
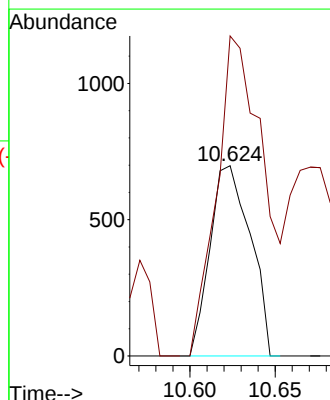
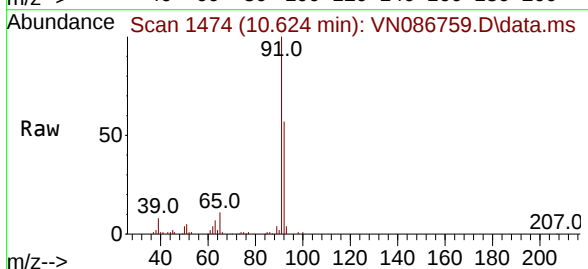
Acq: 22 May 2025 12:19

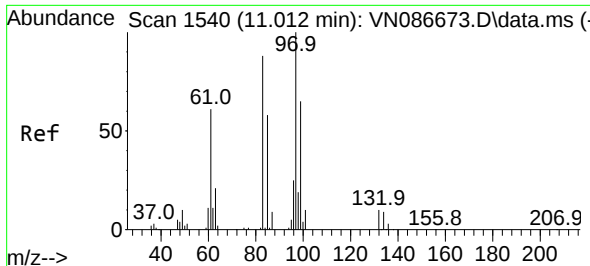
Tgt Ion: 75 Resp: 1149

Ion Ratio Lower Upper

75 100

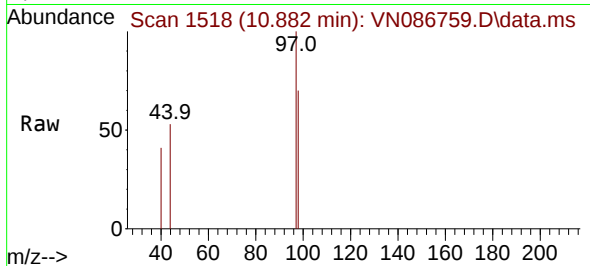
77 168.2 25.2 37.8#



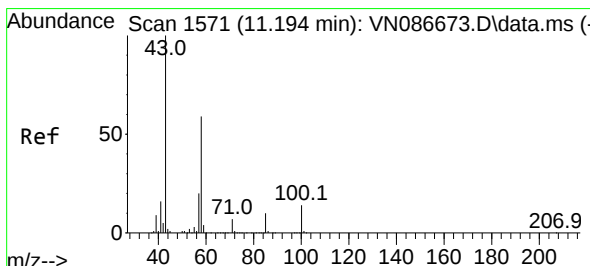
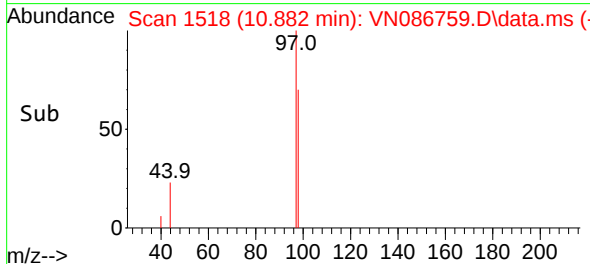
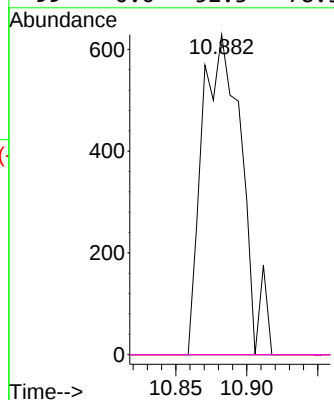


#55
 1,1,2-Trichloroethane
 Concen: 0.408 ug/l
 RT: 10.882 min Scan# 11
 Delta R.T. -0.130 min
 Lab File: VN086759.D
 Acq: 22 May 2025 12:19

Instrument :
 MSVOA_N
 ClientSampleId :

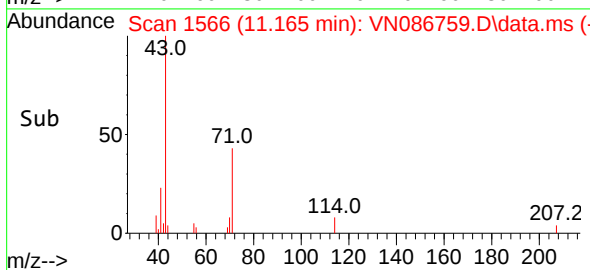
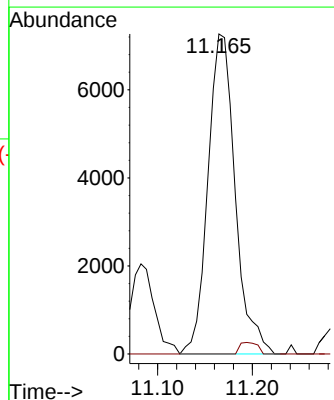
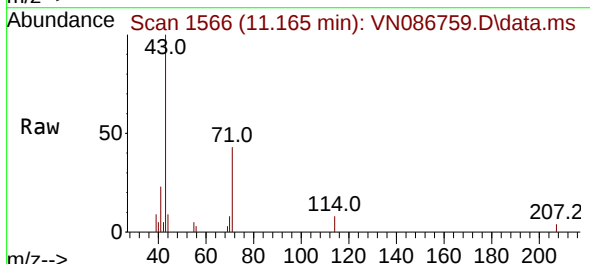


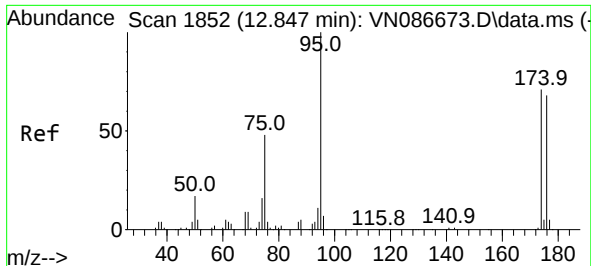
Tgt Ion: 97	Resp:	1214
Ion	Ratio	Lower Upper
97	100	
83	0.0	70.4 105.6#
85	0.0	46.1 69.1#
99	0.0	52.3 78.5#



#59
 2-Hexanone
 Concen: 4.942 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. -0.030 min
 Lab File: VN086759.D
 Acq: 22 May 2025 12:19

Tgt Ion: 43	Resp:	14509
Ion	Ratio	Lower Upper
43	100	
58	0.0	29.8 89.5#

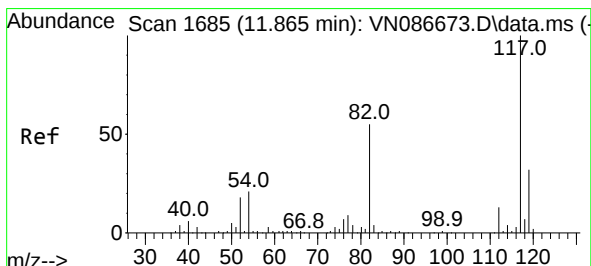
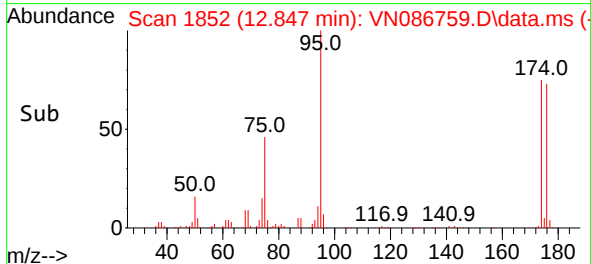
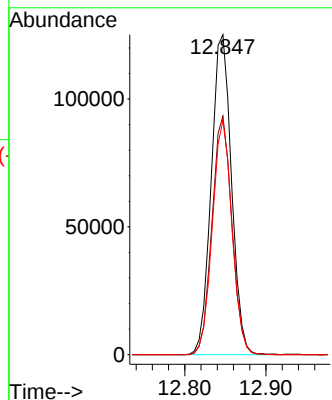
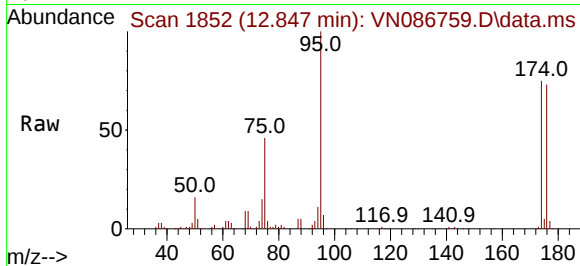




#62
4-Bromofluorobenzene
Concen: 55.415 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

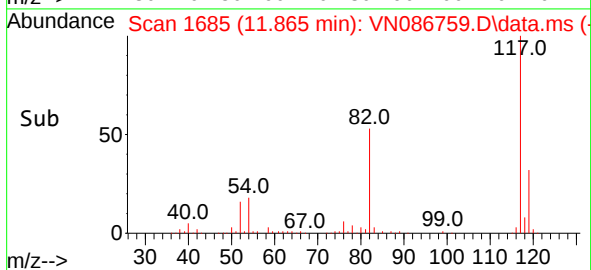
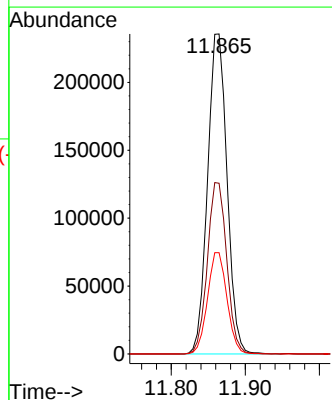
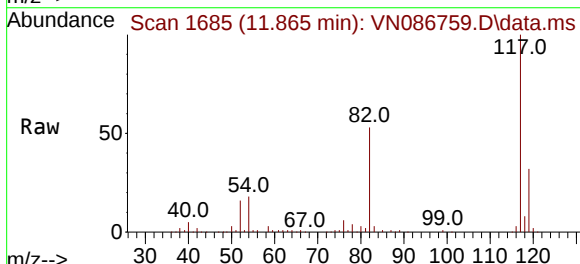
Instrument :
MSVOA_N
ClientSampleId :

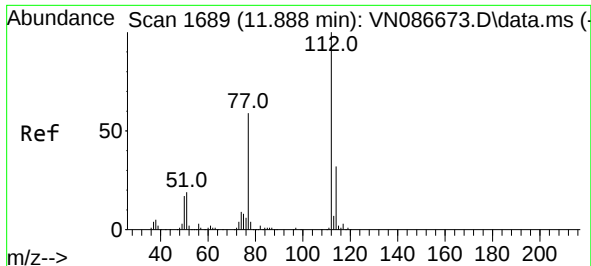
Tgt Ion: 95 Resp: 216407
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.4
176 71.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion: 117 Resp: 429564
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 31.7 25.4 38.2

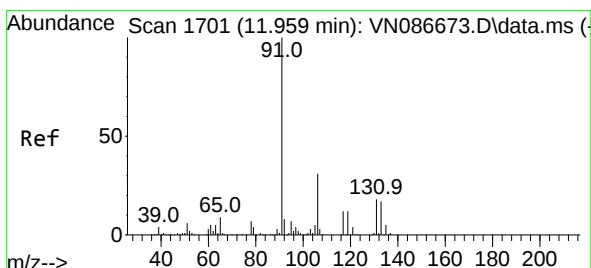
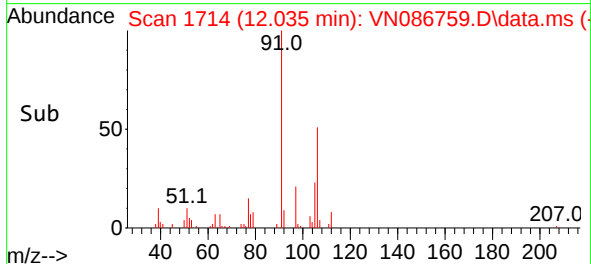
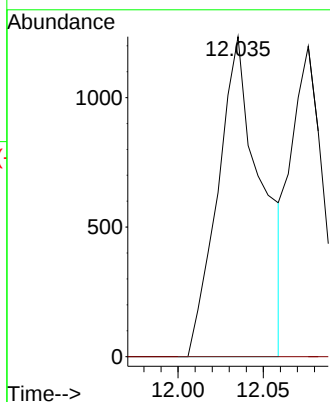
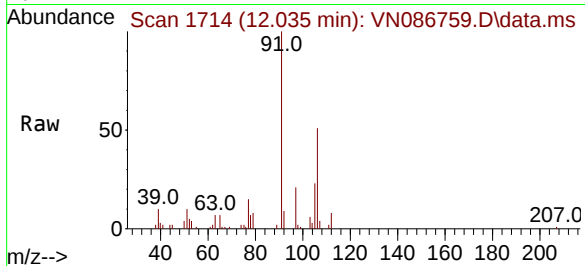




#65
Chlorobenzene
Concen: 0.232 ug/l
RT: 12.035 min Scan# 11
Delta R.T. 0.147 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

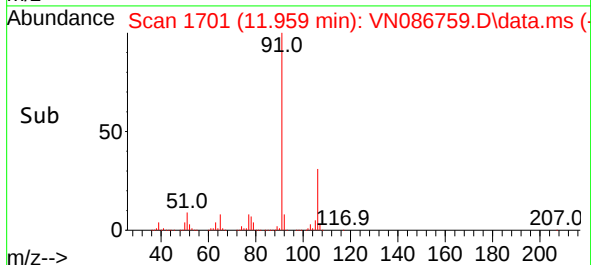
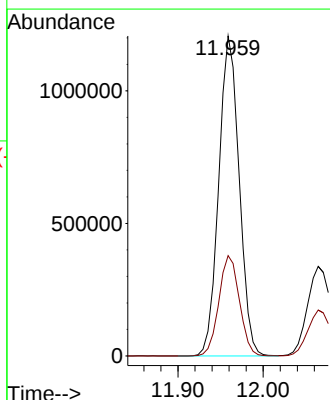
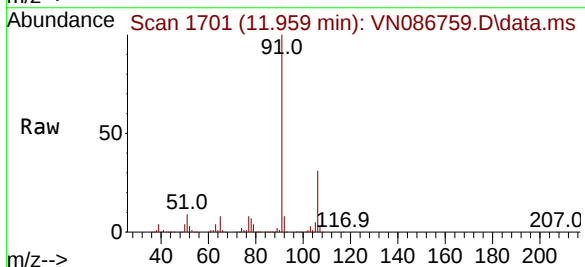
Instrument :
MSVOA_N
ClientSampleId :

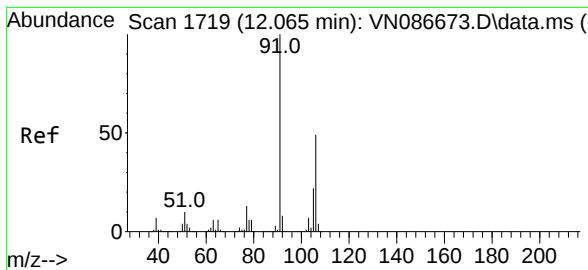
Tgt Ion:112 Resp: 2183
Ion Ratio Lower Upper
112 100
114 0.0 25.9 38.9#



#67
Ethyl Benzene
Concen: 124.516 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion: 91 Resp: 2008953
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

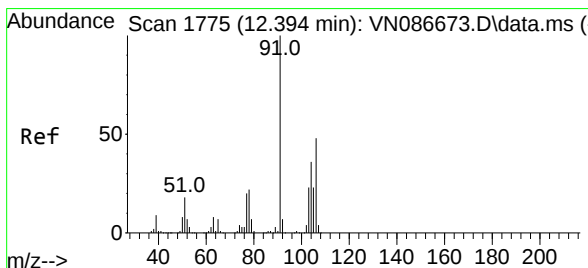
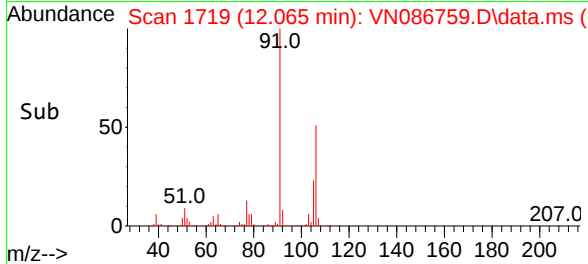
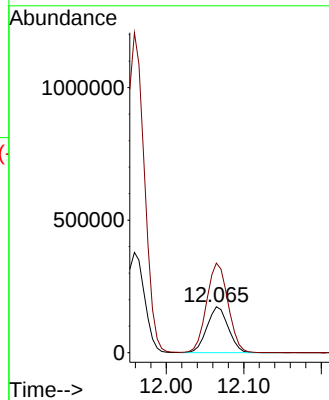
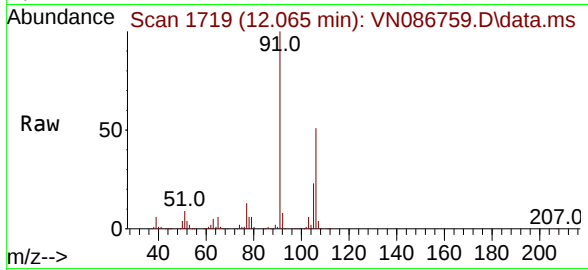




#68
m/p-Xylenes
Concen: 54.078 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

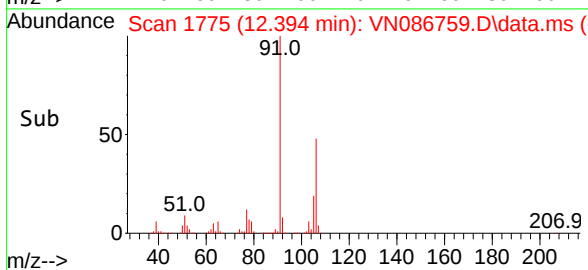
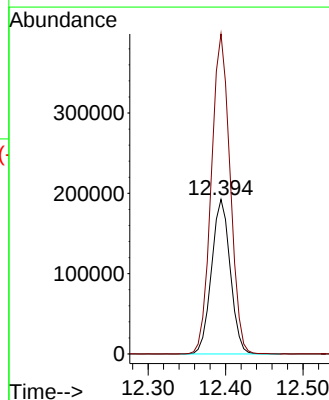
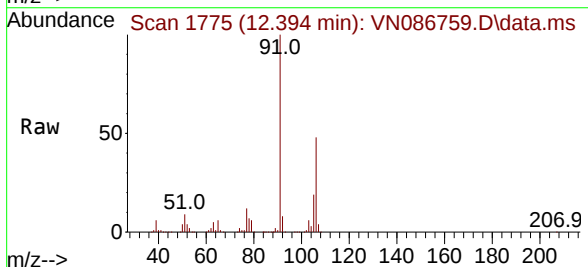
Instrument :
MSVOA_N
ClientSampleId :

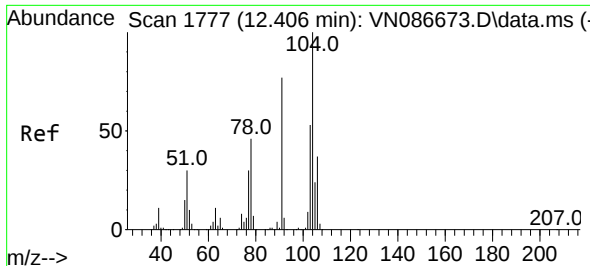
Tgt Ion:106 Resp: 330474
Ion Ratio Lower Upper
106 100
91 196.7 162.4 243.6



#69
o-Xylene
Concen: 53.034 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion:106 Resp: 322205
Ion Ratio Lower Upper
106 100
91 208.5 105.1 315.1

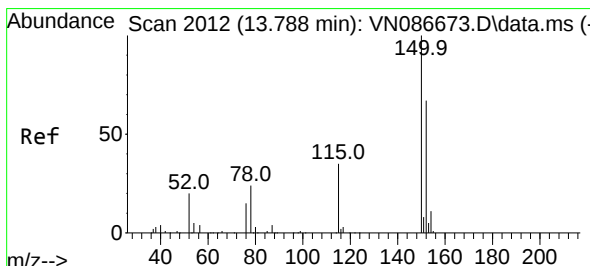
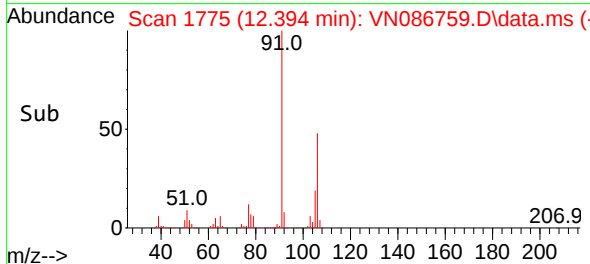
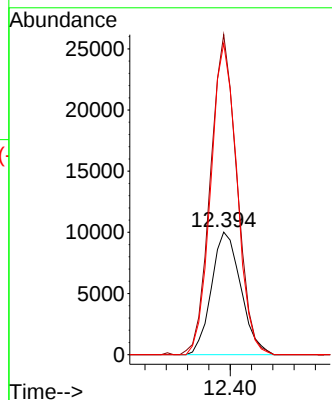
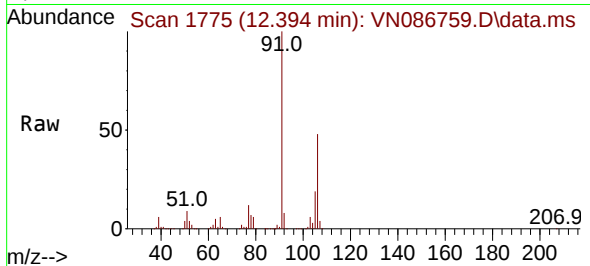




#70
Styrene
Concen: 1.925 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

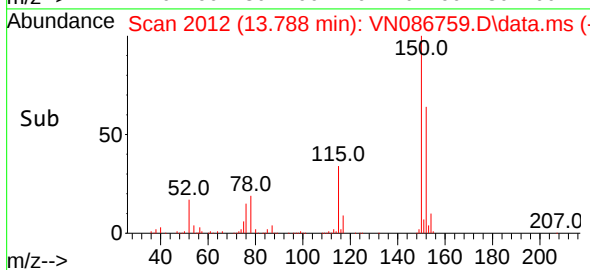
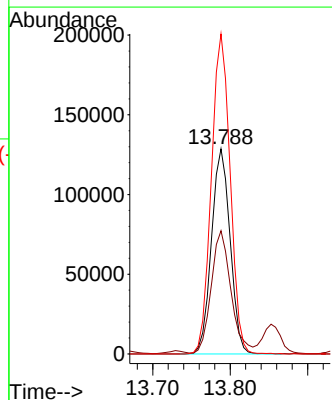
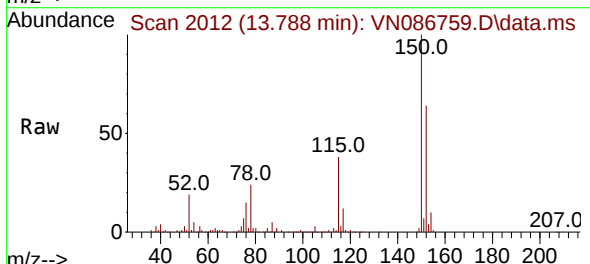
Instrument :
MSVOA_N
ClientSampleId :

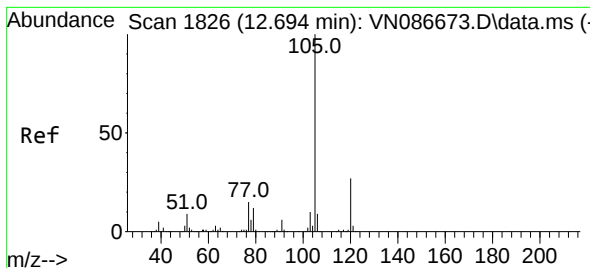
Tgt Ion:104 Resp: 19151
Ion Ratio Lower Upper
104 100
78 235.2 39.0 58.6#
103 225.9 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion:152 Resp: 215128
Ion Ratio Lower Upper
152 100
115 62.7 30.0 90.1
150 157.0 0.0 347.8





#73

Isopropylbenzene

Concen: 9.705 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

Instrument :

MSVOA_N

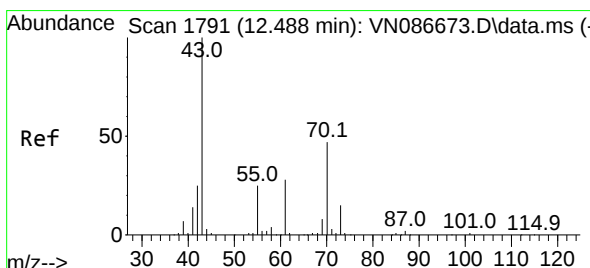
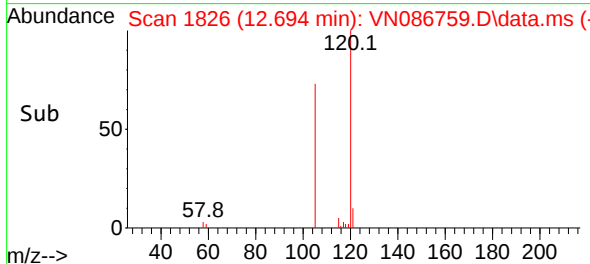
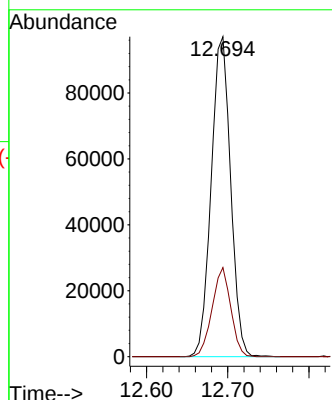
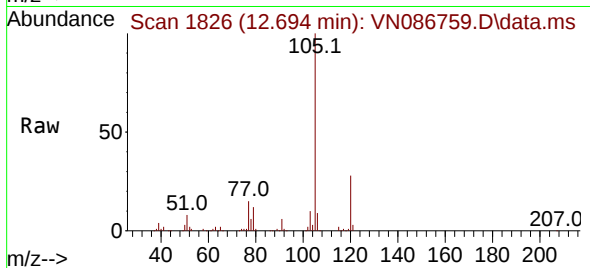
ClientSampleId :

Tgt Ion:105 Resp: 161244

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 0.428 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.030 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

Tgt Ion: 43 Resp: 2970

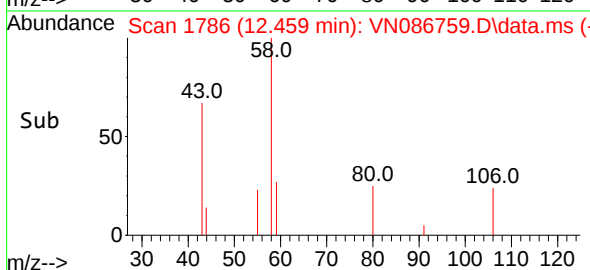
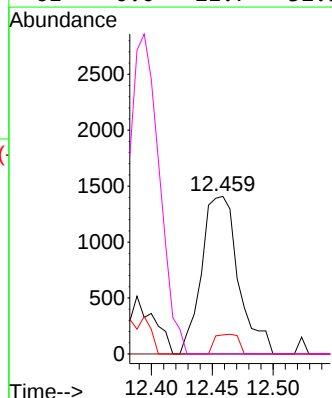
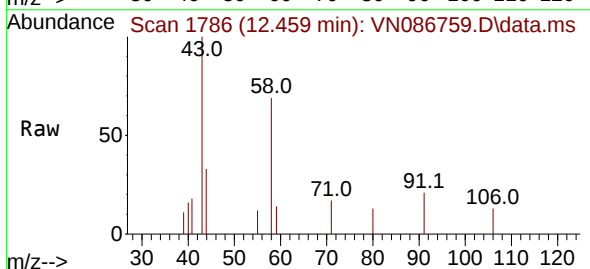
Ion Ratio Lower Upper

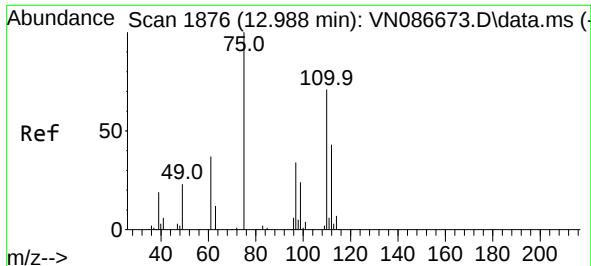
43 100

70 0.0 37.9 56.9#

55 8.0 20.5 30.7#

61 0.0 21.7 32.5#

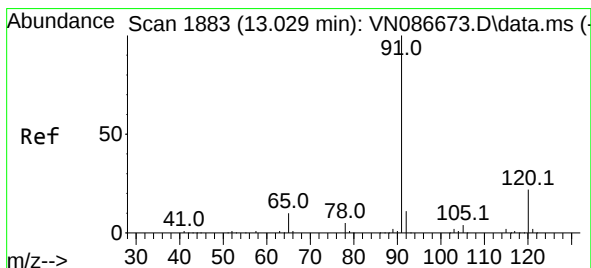
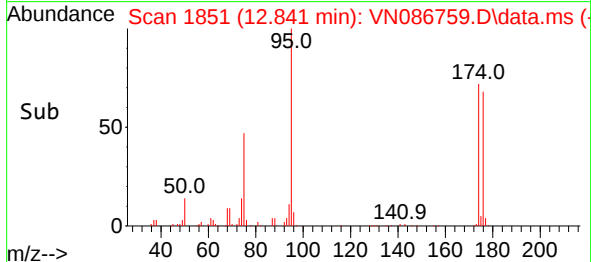
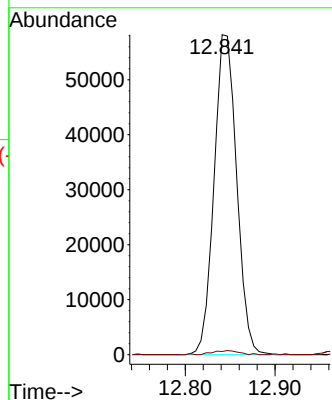
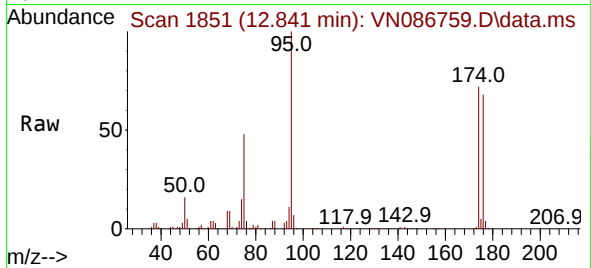




#76
1,2,3-Trichloropropane
Concen: 20.910 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

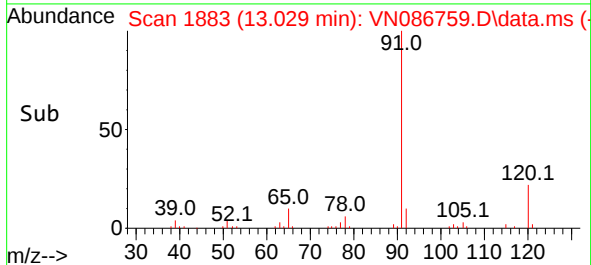
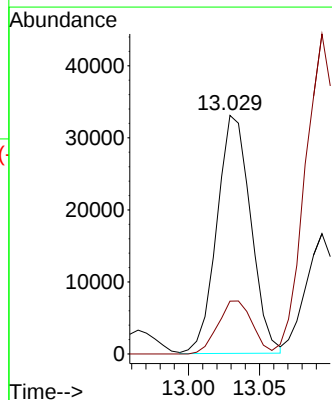
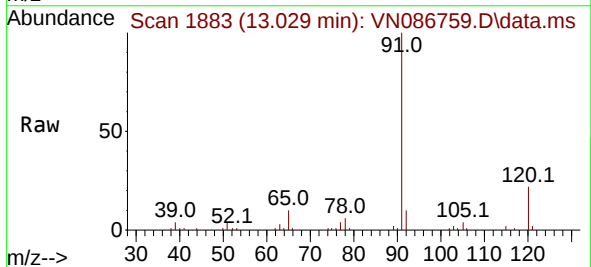
Instrument :
MSVOA_N
ClientSampleId :

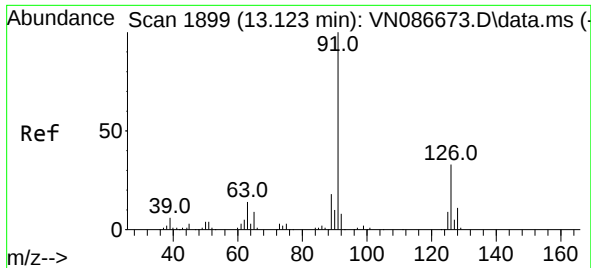
Tgt Ion: 75 Resp: 101735
Ion Ratio Lower Upper
75 100
77 1.5 96.0 288.1#



#78
n-propylbenzene
Concen: 2.876 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion: 91 Resp: 54831
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.1

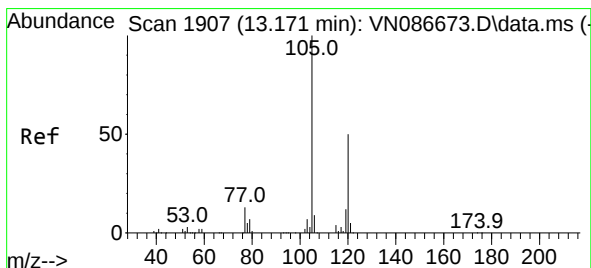
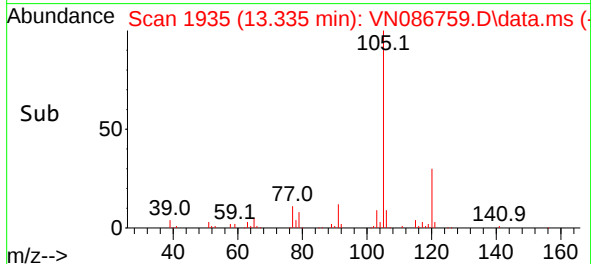
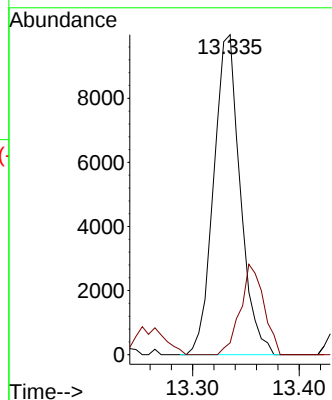
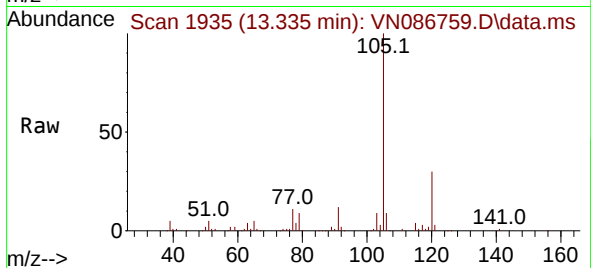




#79
2-Chlorotoluene
Concen: 1.392 ug/l
RT: 13.335 min Scan# 1935
Delta R.T. 0.212 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

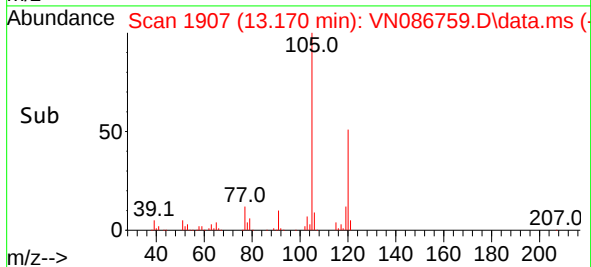
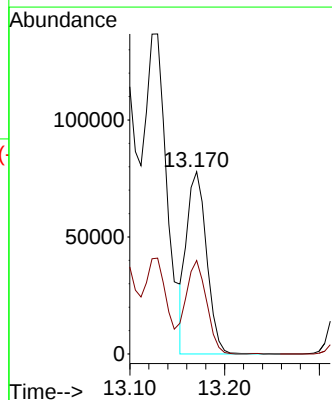
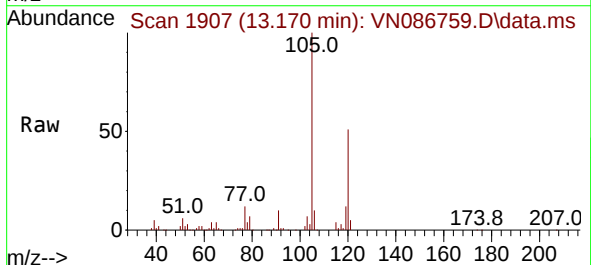
Instrument :
MSVOA_N
ClientSampleId :

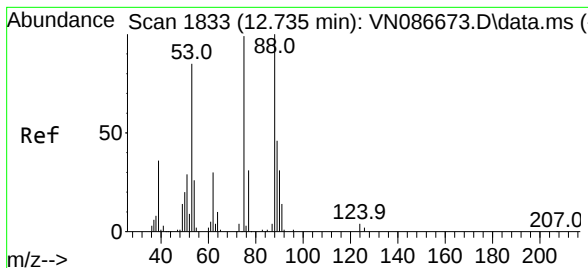
Tgt Ion: 91 Resp: 17261
Ion Ratio Lower Upper
91 100
126 24.9 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 8.558 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion:105 Resp: 113920
Ion Ratio Lower Upper
105 100
120 54.5 24.9 74.6

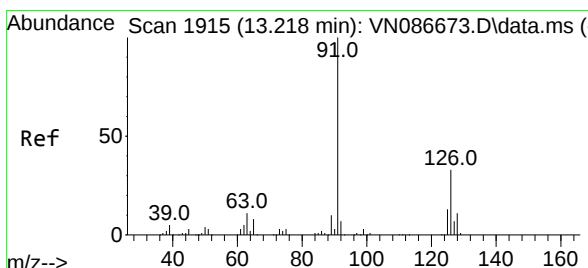
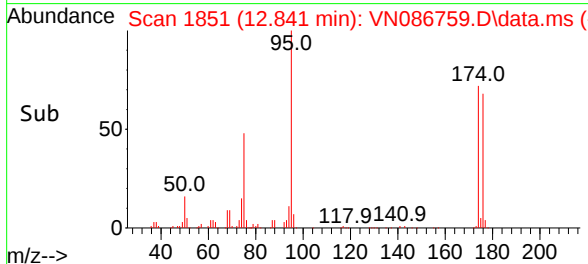
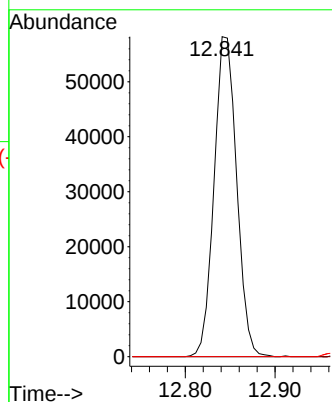
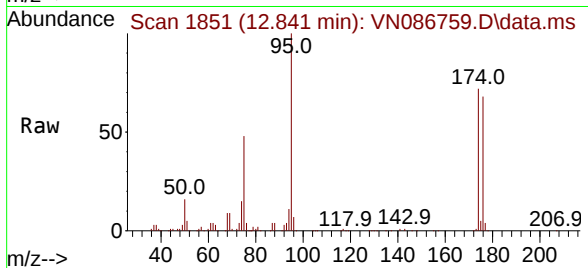




#81
trans-1,4-Dichloro-2-butene
Concen: 52.770 ug/l
RT: 12.841 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

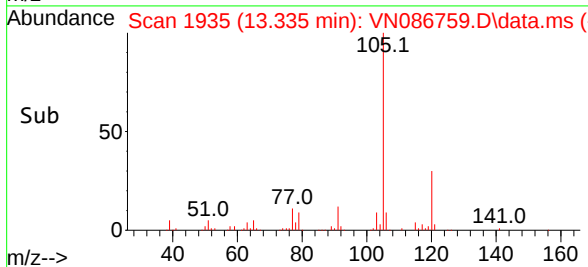
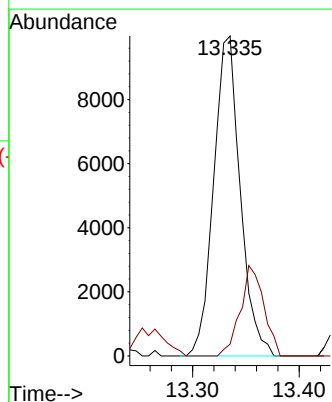
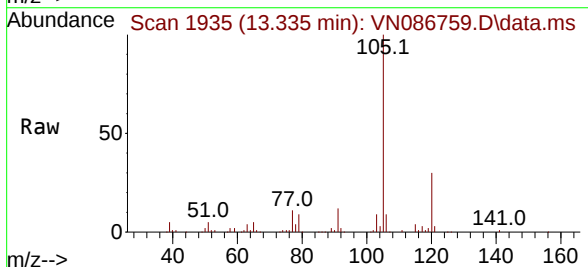
Instrument :
MSVOA_N
ClientSampleId :

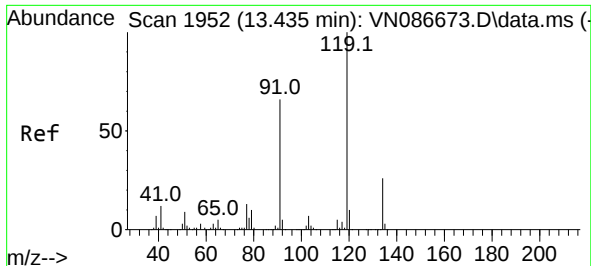
Tgt Ion: 75 Resp: 101735
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 32.4 48.6#



#82
4-Chlorotoluene
Concen: 1.405 ug/l
RT: 13.335 min Scan# 1935
Delta R.T. 0.117 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion: 91 Resp: 17261
Ion Ratio Lower Upper
91 100
126 24.9 17.0 50.9

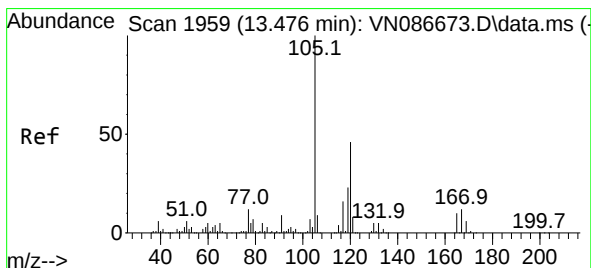
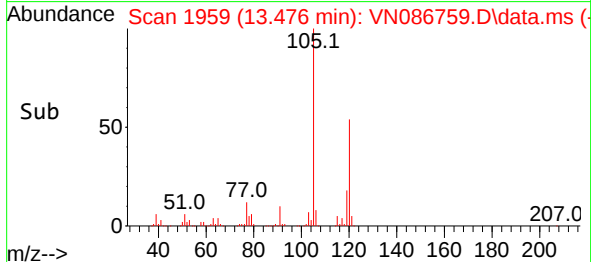
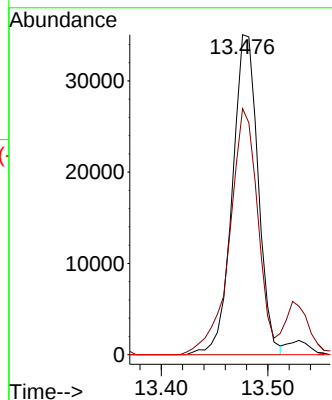
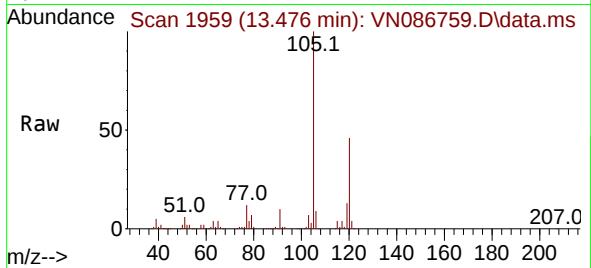




#83
tert-Butylbenzene
Concen: 5.083 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.041 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

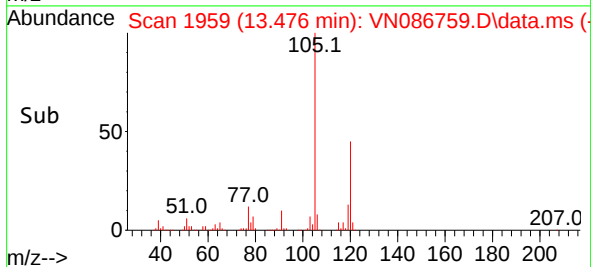
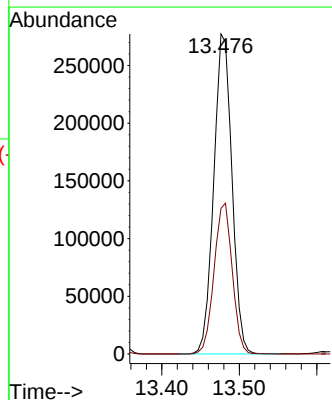
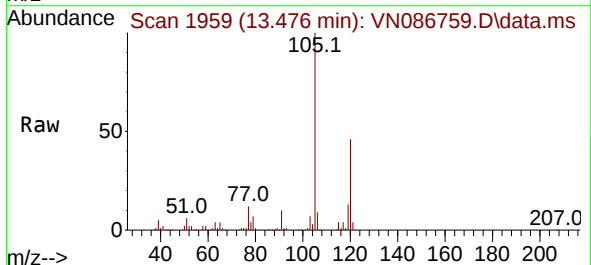
Instrument :
MSVOA_N
ClientSampleId :

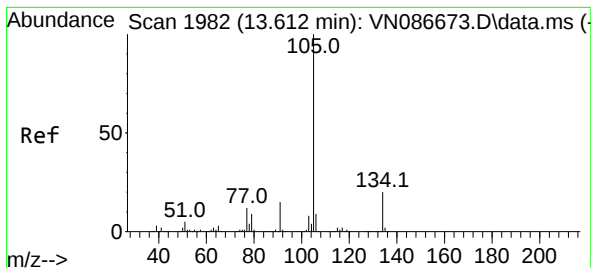
Tgt Ion:119 Resp: 59010
Ion Ratio Lower Upper
119 100
91 83.9 32.9 98.7
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 34.146 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion:105 Resp: 452648
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 29.079 ug/l

RT: 13.476 min Scan# 1982

Delta R.T. -0.135 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

Instrument :

MSVOA_N

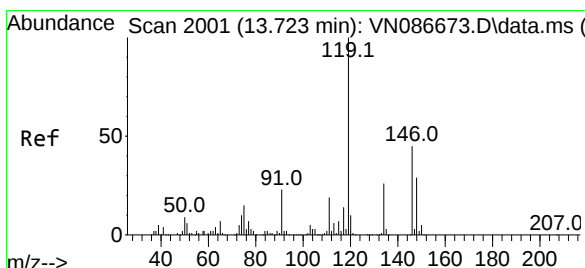
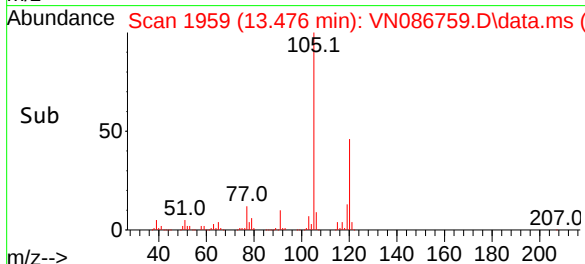
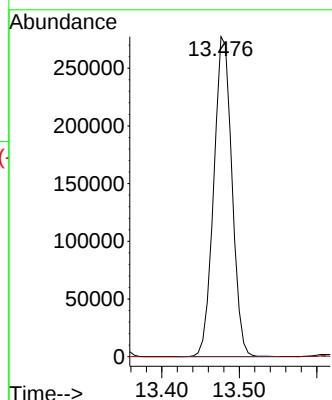
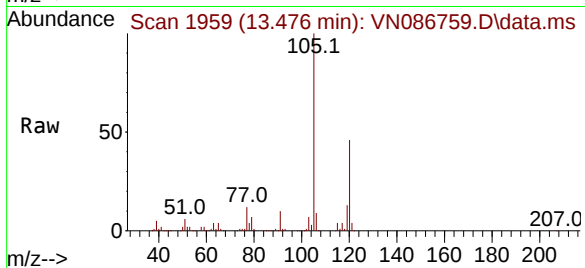
ClientSampleId :

Tgt Ion:105 Resp: 452648

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 1.500 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086759.D

Acq: 22 May 2025 12:19

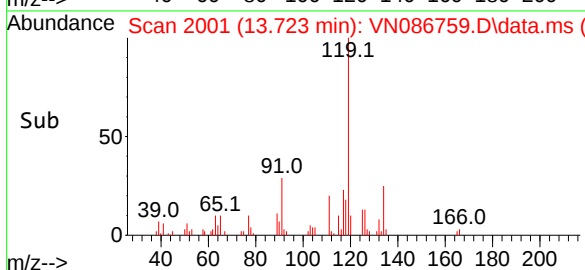
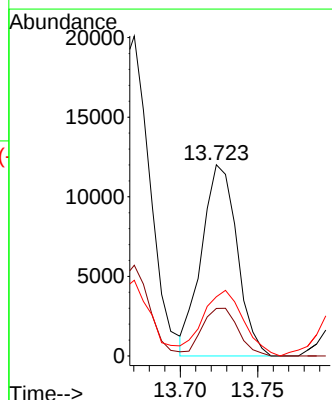
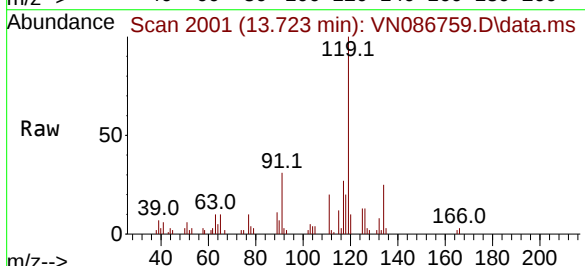
Tgt Ion:119 Resp: 19133

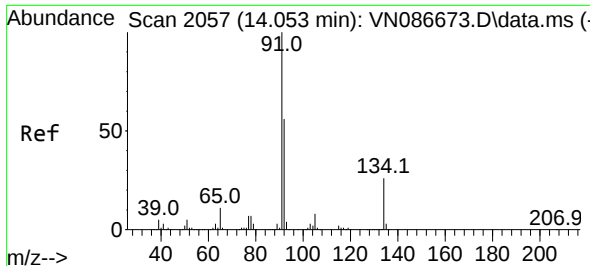
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.1

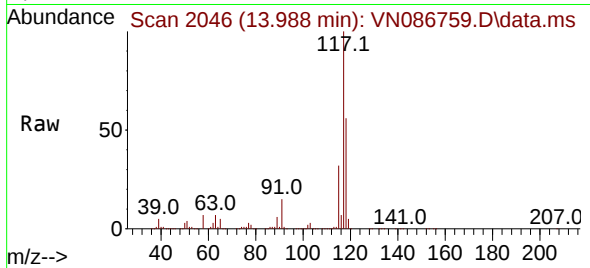
91 0.0 11.5 34.5#



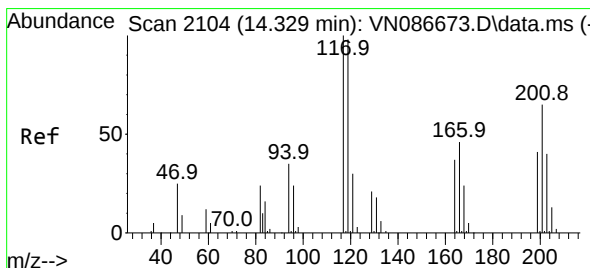
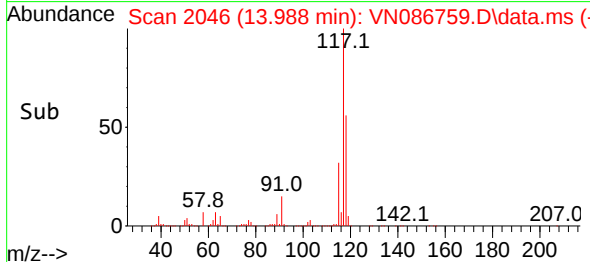
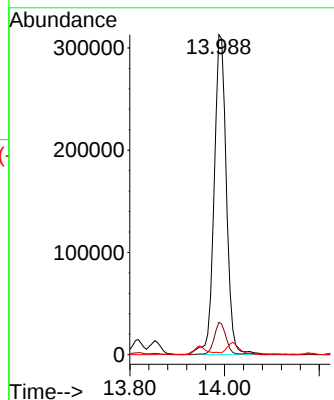


#89
n-Butylbenzene
Concen: 53.186 ug/l
RT: 13.988 min Scan# 2057
Delta R.T. -0.065 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

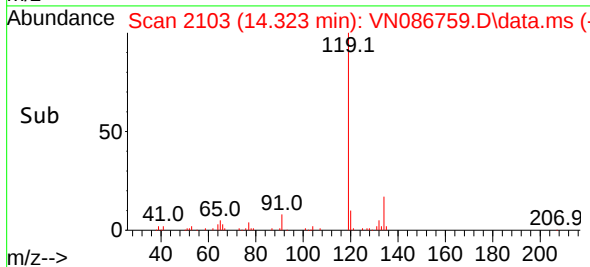
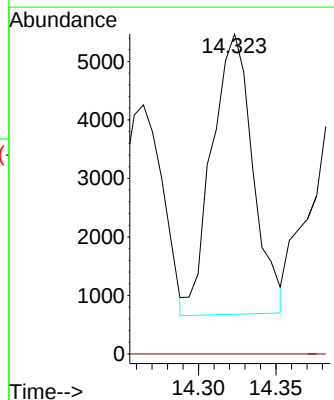
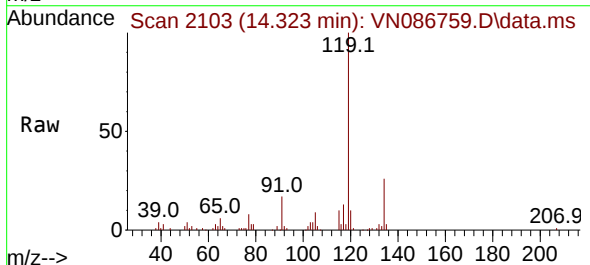


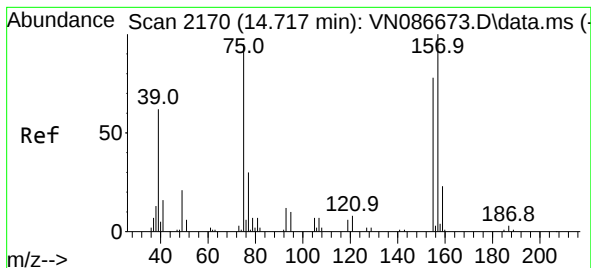
Tgt Ion: 91 Resp: 562575
Ion Ratio Lower Upper
91 100
92 9.8 27.4 82.0#
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 4.162 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion: 117 Resp: 8810
Ion Ratio Lower Upper
117 100
201 0.0 32.0 96.0#

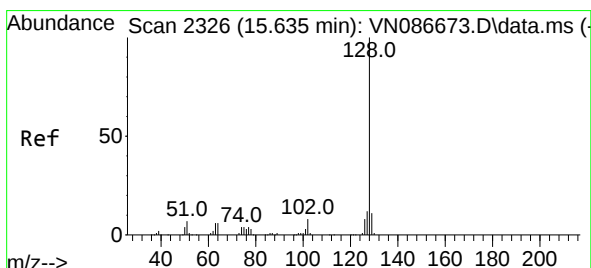
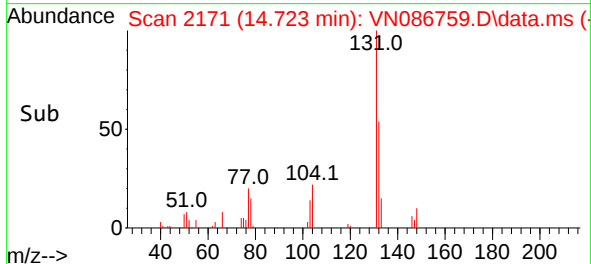
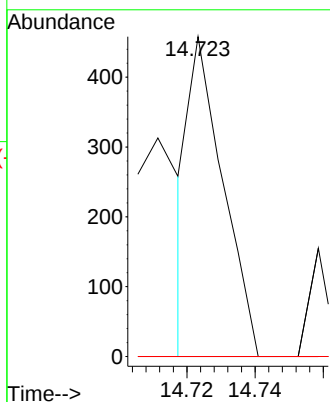
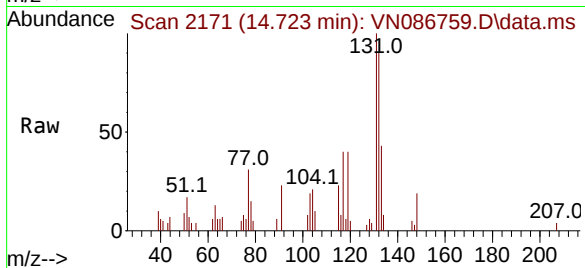




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.371 ug/l
RT: 14.723 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
155 0.0 40.5 121.5#
157 0.0 53.6 160.8#



#95
Naphthalene
Concen: 1777.983 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086759.D
Acq: 22 May 2025 12:19

Tgt Ion:128 Resp:17938476
Ion Ratio Lower Upper
128 100
127 14.0 10.1 15.1
129 12.0 8.6 13.0

