

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086797.D
 Acq On : 28 May 2025 14:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 29 03:59:31 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	188667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	368792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127387	48.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	8.165	113	104704	47.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	10.565	98	472884	51.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.847	95	171032	53.219	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.440%

Target Compounds				Qvalue		
3) Chloromethane	2.360	50	1103	0.358	ug/l	98
5) Bromomethane	2.960	94	233	0.146	ug/l	92
10) Methyl Iodide	4.583	142	343	0.139	ug/l #	43
13) Acrolein	4.177	56	134	0.264	ug/l #	63
16) Acetone	4.424	43	54	0.055	ug/l #	42
17) Carbon Disulfide	4.701	76	336	0.058	ug/l #	75
18) Methyl Acetate	5.018	43	1258	0.461	ug/l #	49
20) Methylene Chloride	5.277	84	69	0.027	ug/l #	10
31) Cyclohexane	8.218	56	3850	0.984	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14422	4.452	ug/l #	49
38) Carbon Tetrachloride	8.218	117	18752	5.875	ug/l #	17
39) Methylcyclohexane	9.612	83	63	0.018	ug/l #	19
42) 1,2-Dichloroethane	8.665	62	125	0.038	ug/l #	74
43) Isopropyl Acetate	8.683	43	76	0.012	ug/l #	54
47) Bromodichloromethane	9.612	83	63	0.018	ug/l #	26
51) 4-Methyl-2-Pentanone	10.565	43	1866	0.564	ug/l #	1
59) 2-Hexanone	11.200	43	73	0.030	ug/l #	21
65) Chlorobenzene	11.888	112	148	0.019	ug/l #	42
67) Ethyl Benzene	11.959	91	915	0.068	ug/l #	44
68) m/p-Xylenes	12.071	106	530	0.103	ug/l	98
70) Styrene	12.418	104	121	0.014	ug/l #	26
73) Isopropylbenzene	12.694	105	228	0.019	ug/l #	48
76) 1,2,3-Trichloropropane	12.847	75	81210	22.874	ug/l #	1
78) n-propylbenzene	13.035	91	1107	0.080	ug/l #	63
79) 2-Chlorotoluene	13.124	91	80	0.009	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.171	105	60	0.006	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.847	75	81210	57.726	ug/l #	15
82) 4-Chlorotoluene	13.206	91	55	0.006	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.482	105	909	0.094	ug/l	88
85) sec-Butylbenzene	13.624	105	186	0.016	ug/l #	56
87) 1,3-Dichlorobenzene	13.735	146	259	0.049	ug/l #	43
88) 1,4-Dichlorobenzene	13.806	146	289	0.055	ug/l #	1
89) n-Butylbenzene	14.065	91	478	0.062	ug/l #	45
90) Hexachloroethane	14.441	117	412	0.267	ug/l #	18
91) 1,2-Dichlorobenzene	14.118	146	54	0.011	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.388	180	127	0.060	ug/l #	60

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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

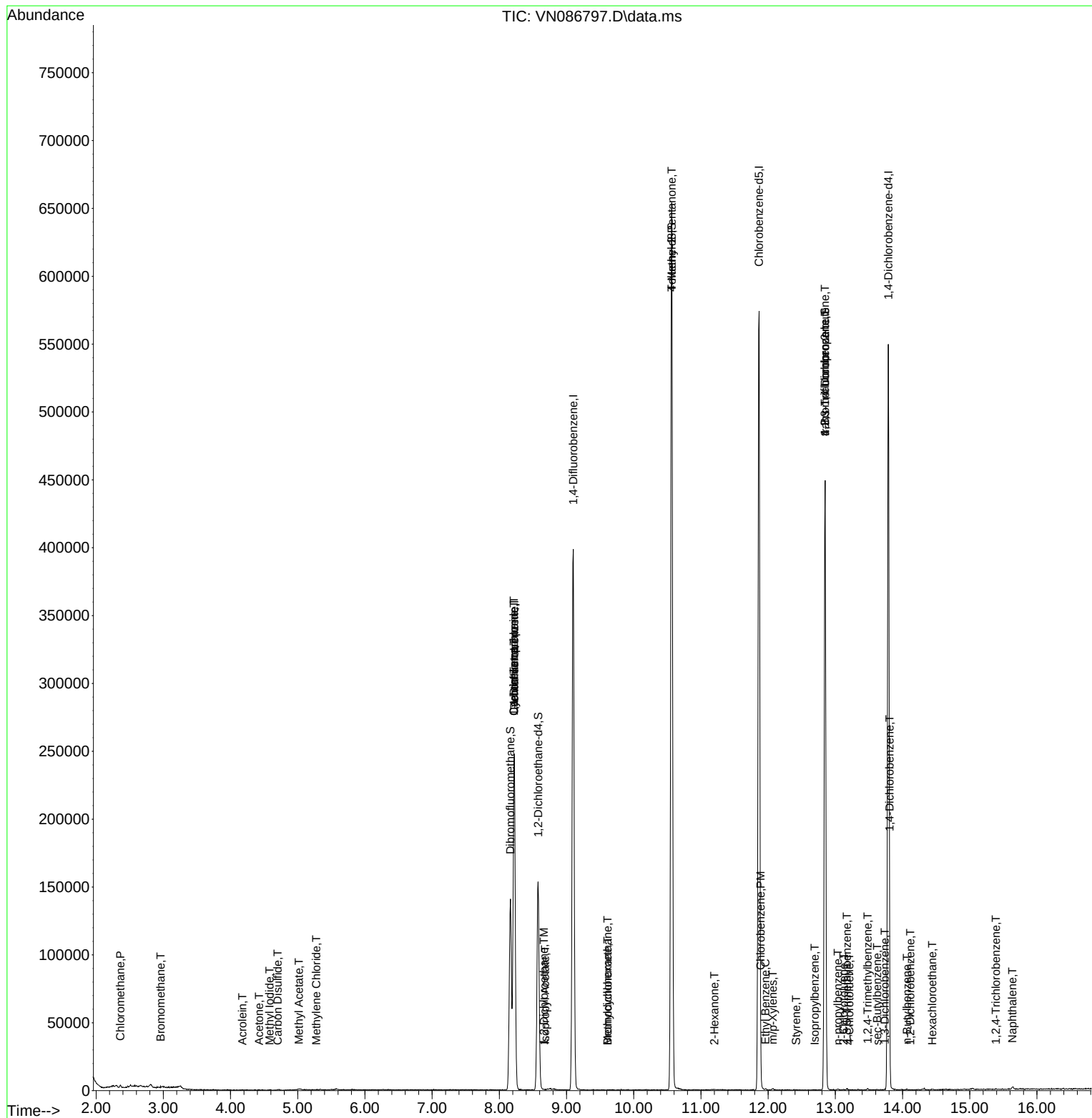
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.635	128	2815	0.382	ug/l #	81

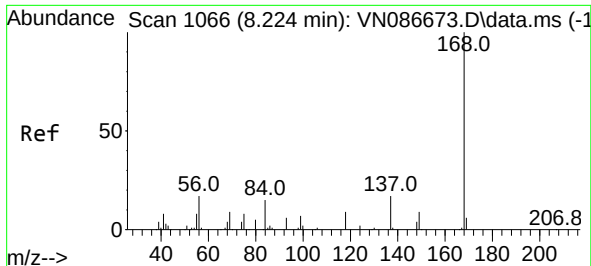
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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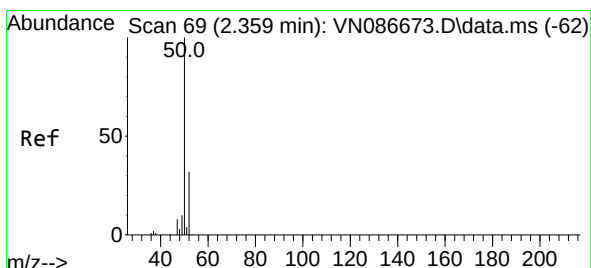
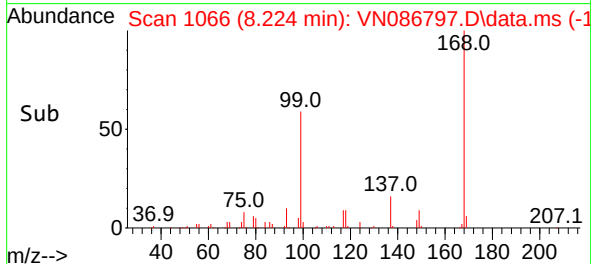
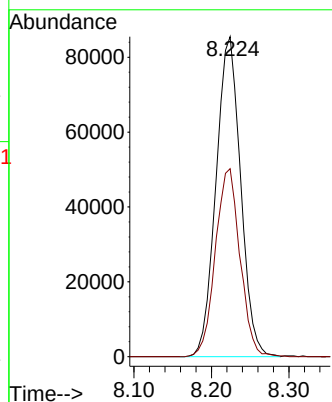
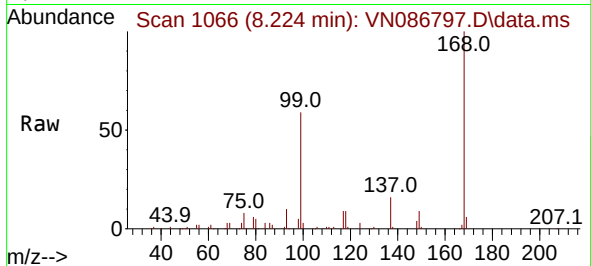




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

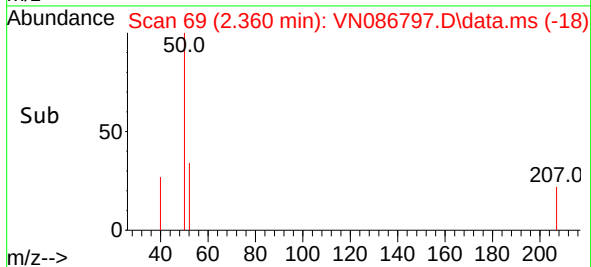
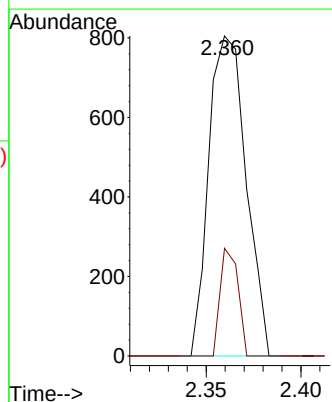
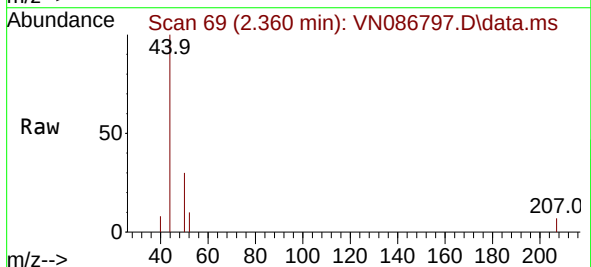
Instrument :
MSVOA_N
ClientSampleId :
IBLK

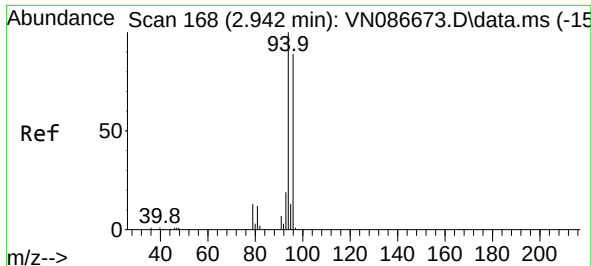
Tgt Ion:168 Resp: 188667
Ion Ratio Lower Upper
168 100
99 58.7 47.0 70.4



#3
Chloromethane
Concen: 0.358 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 50 Resp: 1103
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9

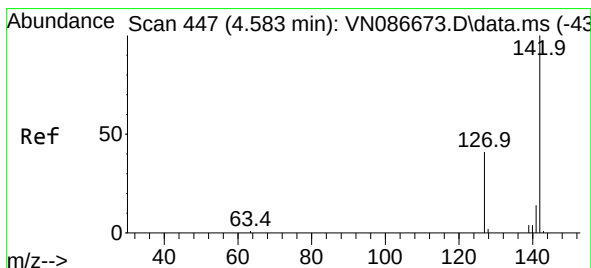
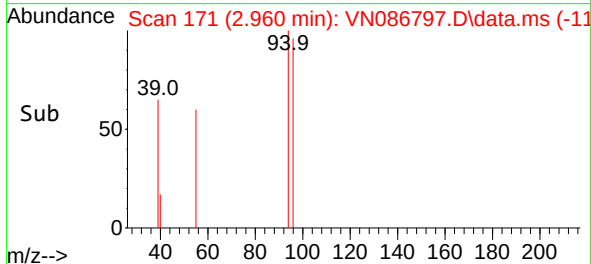
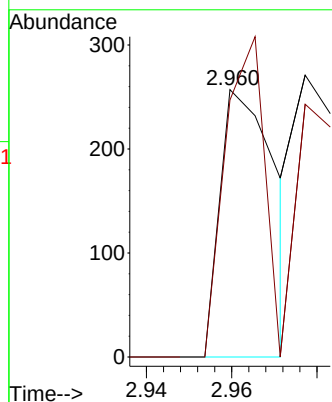
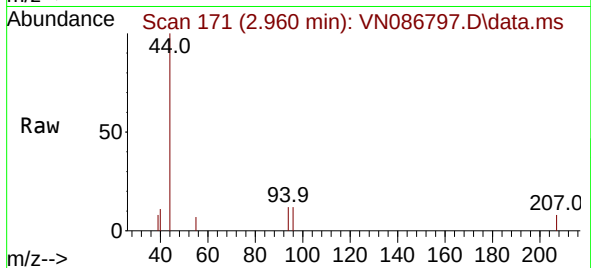




#5
Bromomethane
Concen: 0.146 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

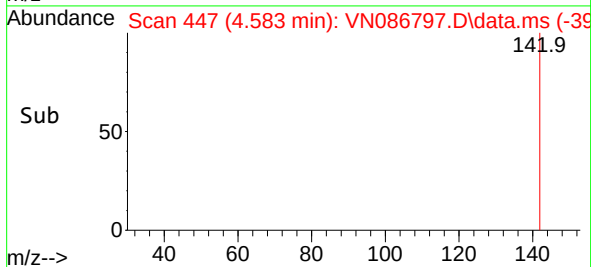
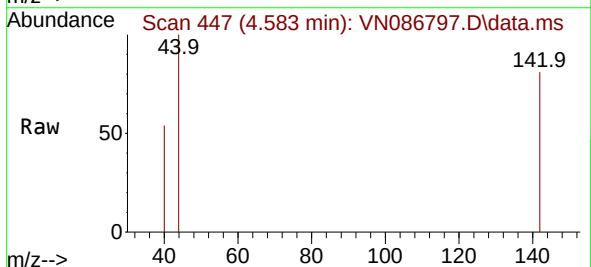
Instrument :
MSVOA_N
ClientSampleId :
IBLK

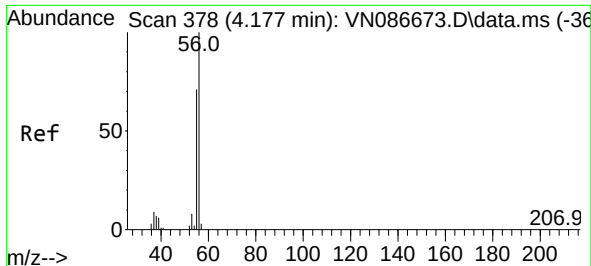
Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 96.1 71.2 106.8



#10
Methyl Iodide
Concen: 0.139 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 142 Resp: 343
Ion Ratio Lower Upper
142 100
127 0.0 32.4 48.6#
141 0.0 11.4 17.2#





#13

Acrolein

Concen: 0.264 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

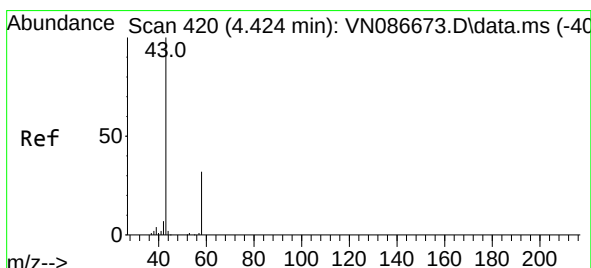
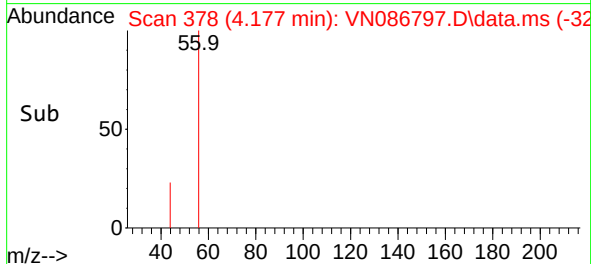
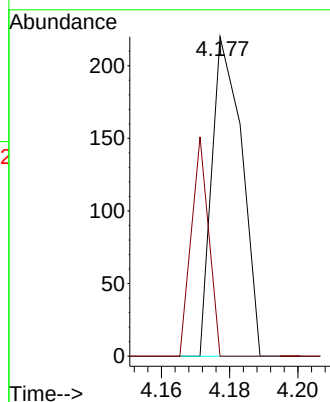
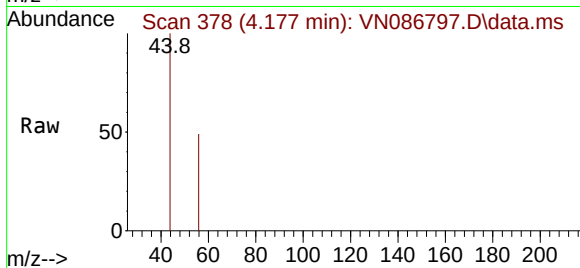
IBLK

Tgt Ion: 56 Resp: 134

Ion Ratio Lower Upper

56 100

55 39.6 55.7 83.5#



#16

Acetone

Concen: 0.055 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN086797.D

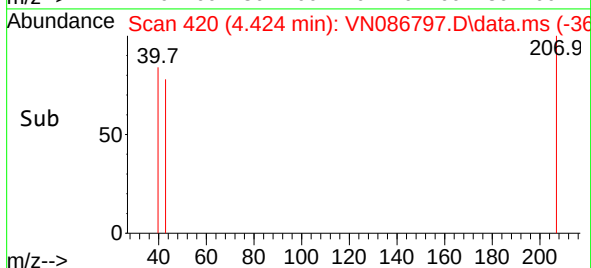
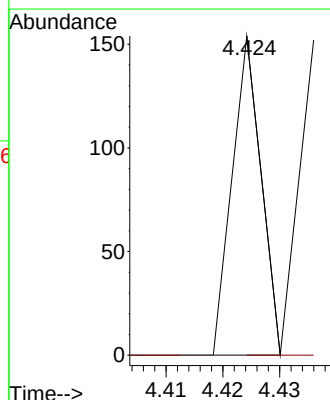
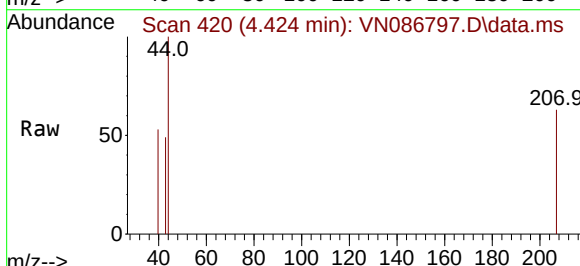
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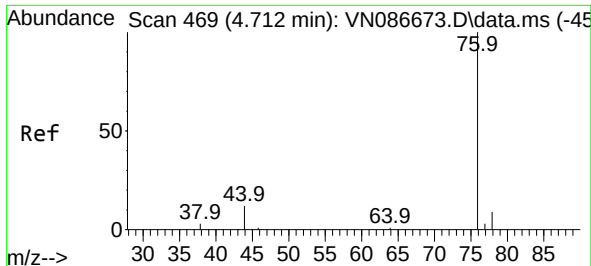
Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#

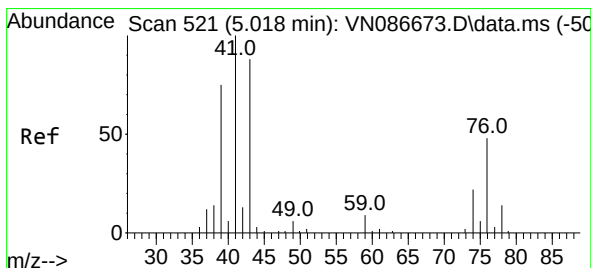
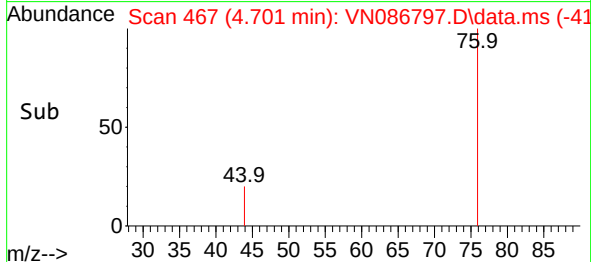
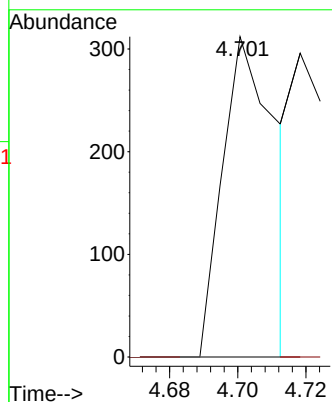
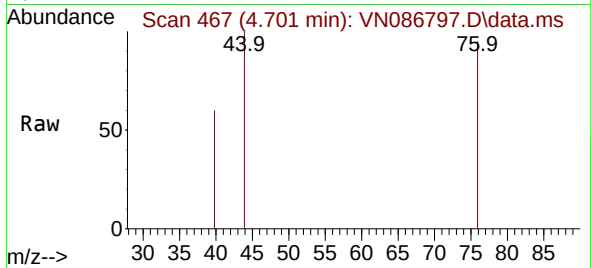




#17
Carbon Disulfide
Concen: 0.058 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

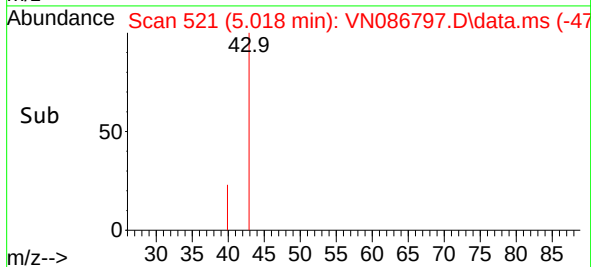
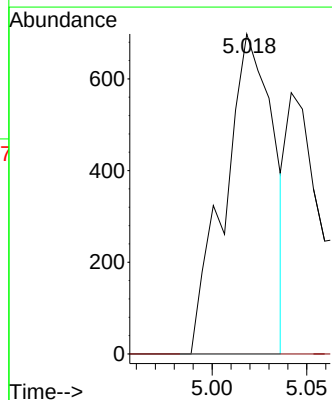
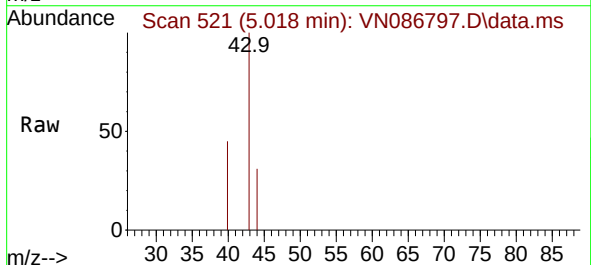
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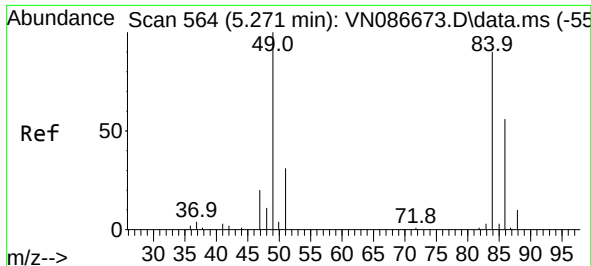
Tgt Ion: 76 Resp: 336
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.461 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7#

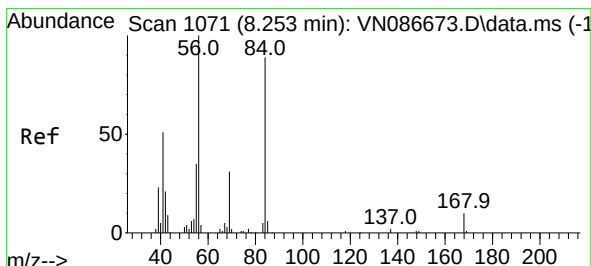
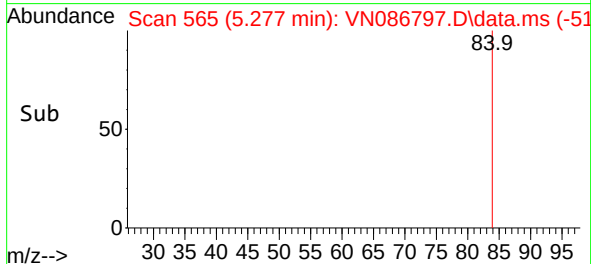
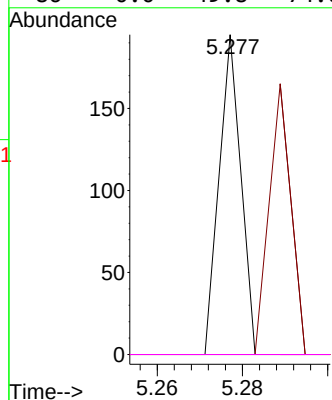
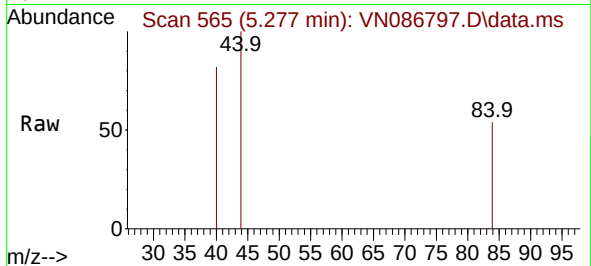




#20
Methylene Chloride
Concen: 0.027 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

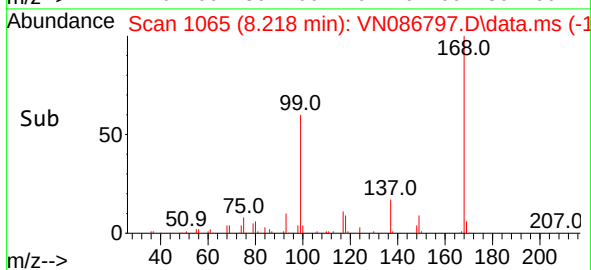
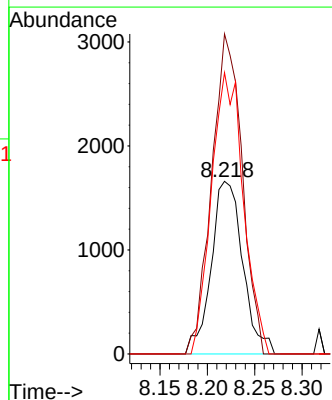
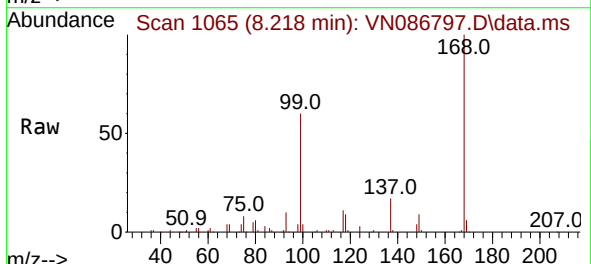
Instrument :
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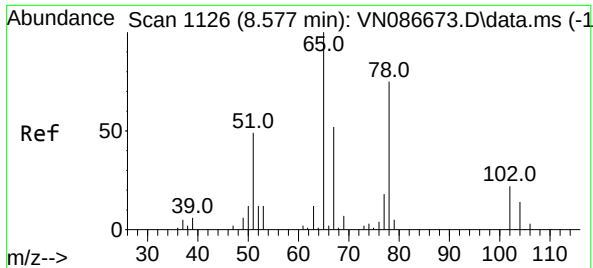
Tgt Ion:	84	Resp:	69
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.8	133.2#
51	0.0	27.8	41.6#
86	0.0	49.8	74.6#



#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion:	56	Resp:	3850
Ion	Ratio	Lower	Upper
56	100		
69	185.4	25.0	37.6#
84	162.9	71.0	106.4#





#33

1,2-Dichloroethane-d4

Concen: 48.863 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

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Acq: 28 May 2025 14:12

Instrument :

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ClientSampleId :

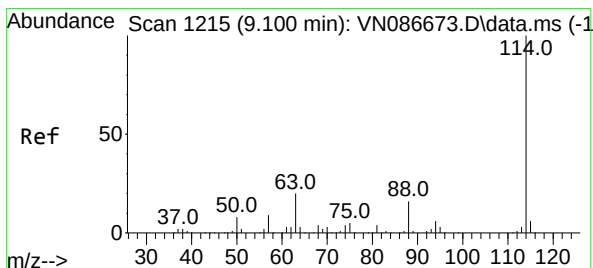
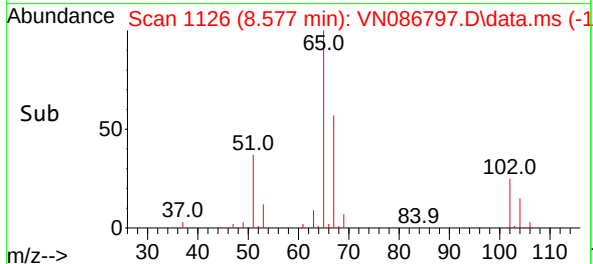
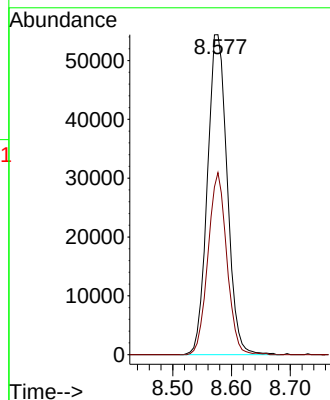
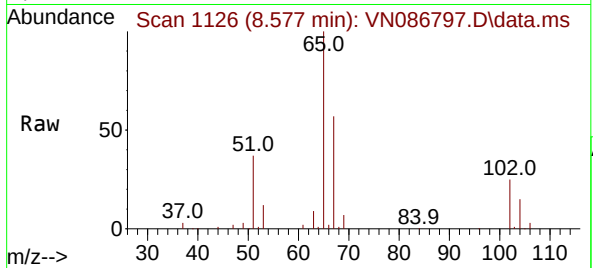
IBLK

Tgt Ion: 65 Resp: 127387

Ion Ratio Lower Upper

65 100

67 54.0 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: VN086797.D

Acq: 28 May 2025 14:12

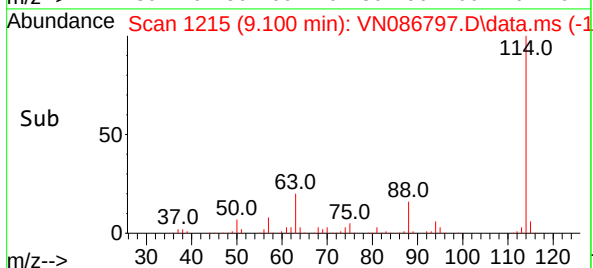
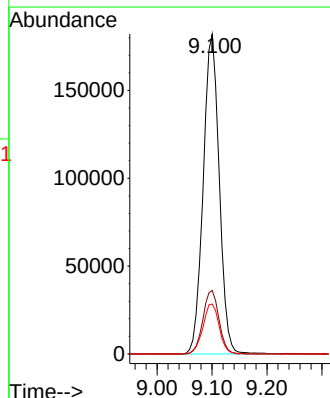
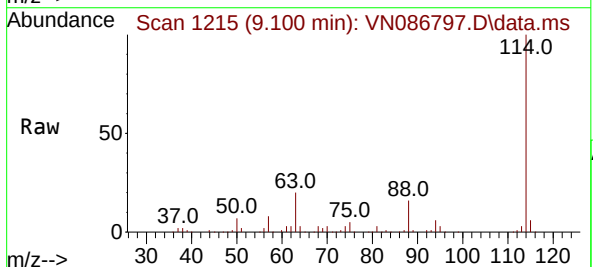
Tgt Ion: 114 Resp: 368792

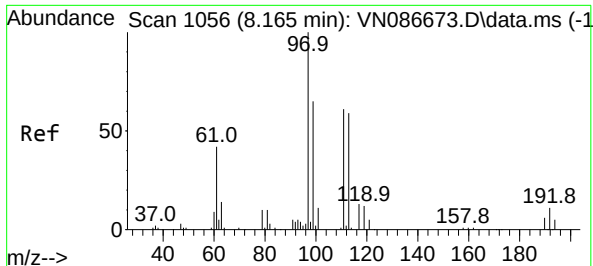
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.673 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

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Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

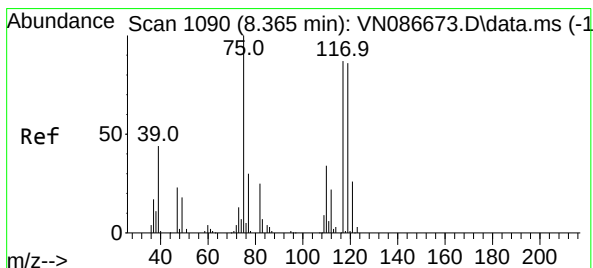
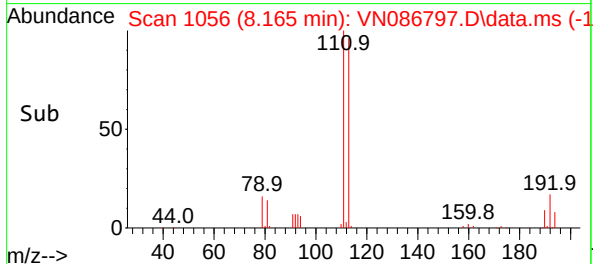
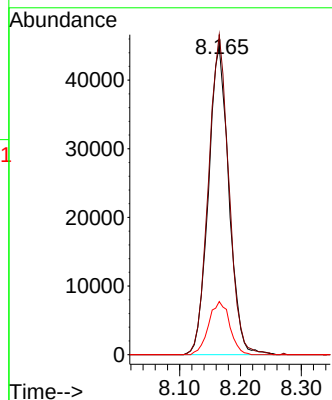
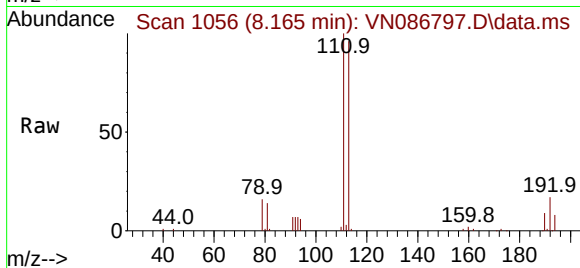
Tgt Ion:113 Resp: 104704

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 17.8 13.8 20.8



#36

1,1-Dichloropropene

Concen: 4.452 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

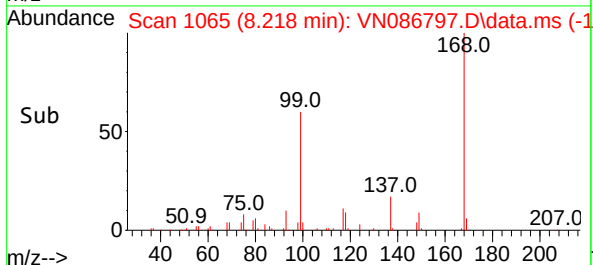
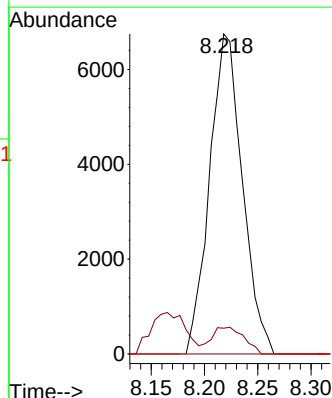
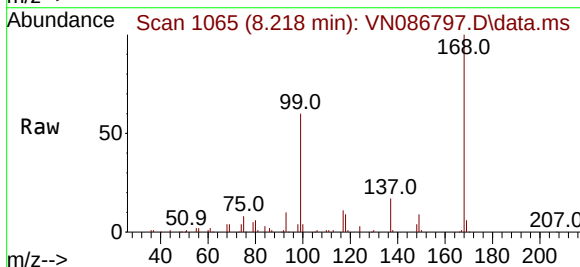
Tgt Ion: 75 Resp: 14422

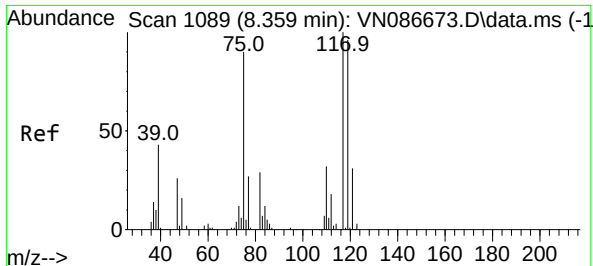
Ion Ratio Lower Upper

75 100

110 8.4 17.5 52.5#

77 0.0 25.1 37.7#

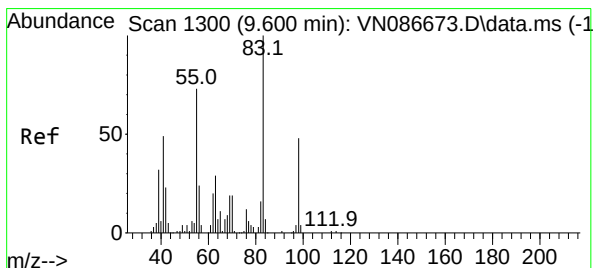
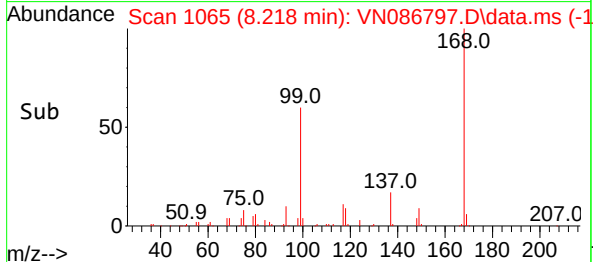
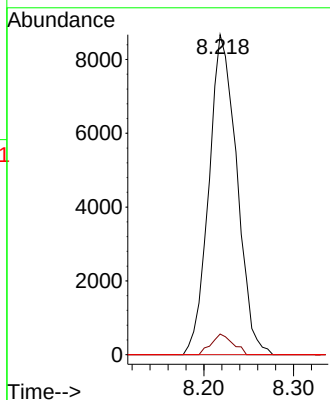
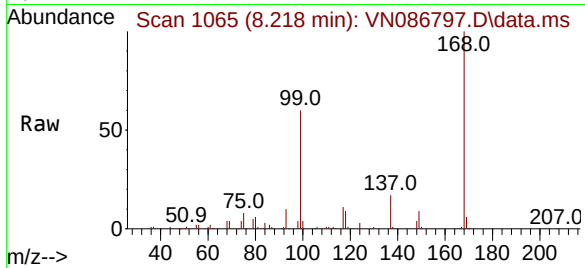




#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

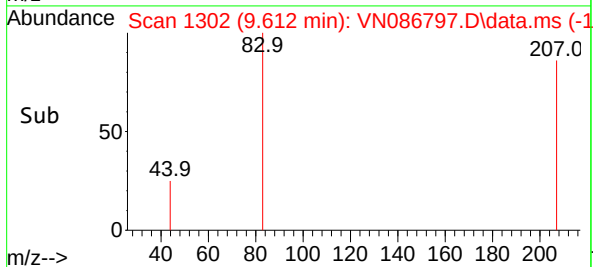
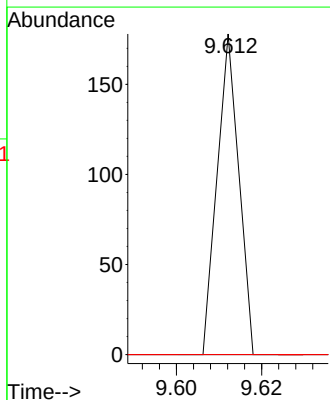
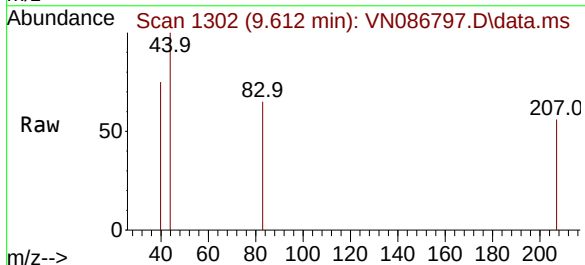
Instrument :
MSVOA_N
ClientSampleId :
IBLK

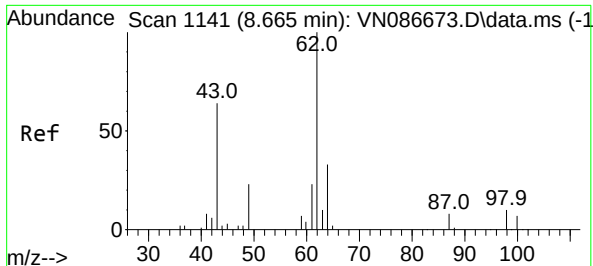
Tgt Ion: 117 Resp: 18752
Ion Ratio Lower Upper
117 100
119 6.5 77.0 115.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 0.018 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.012 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.0 38.4 57.6#

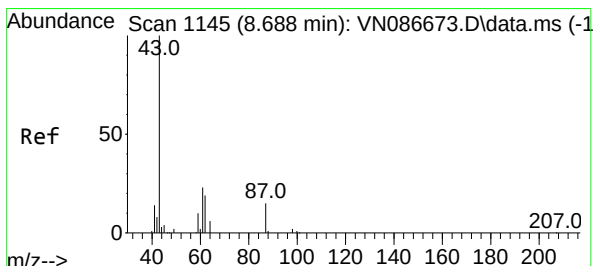
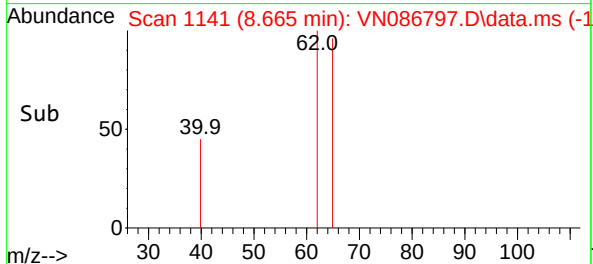
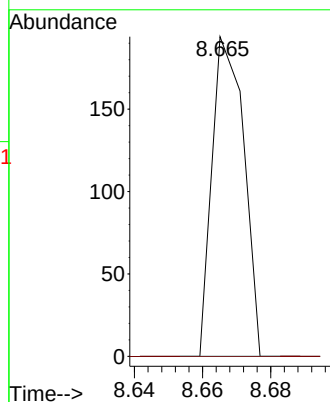
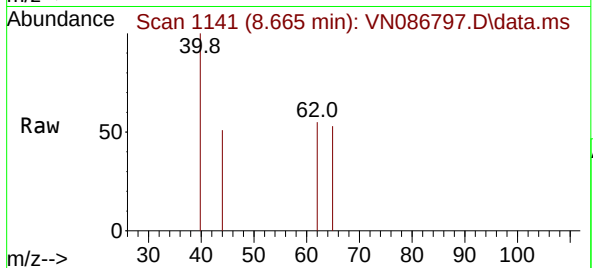




#42
1,2-Dichloroethane
Concen: 0.038 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

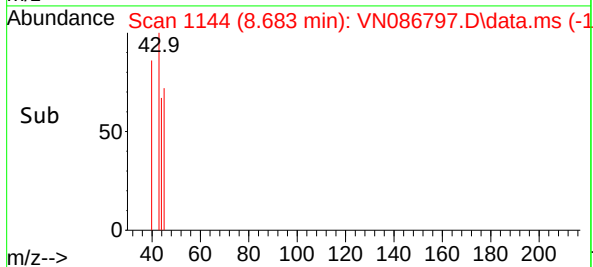
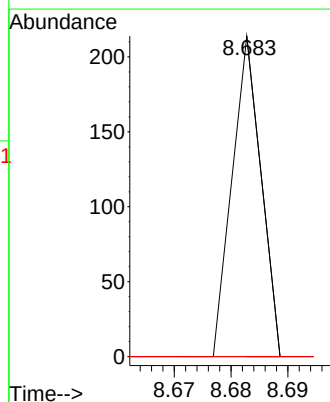
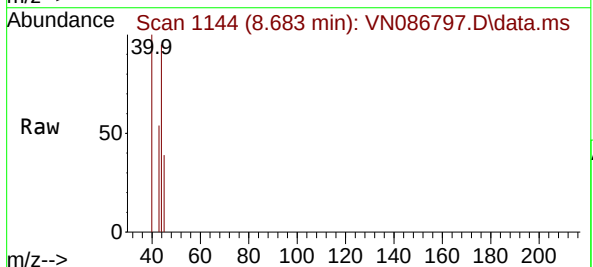
Instrument :
MSVOA_N
ClientSampleId :
IBLK

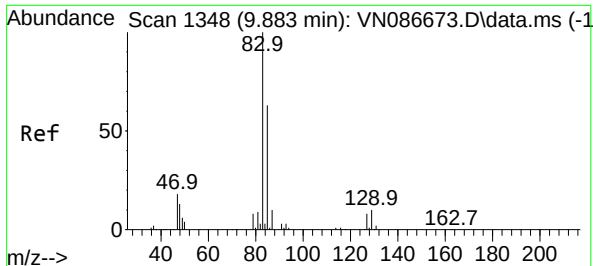
Tgt Ion: 62 Resp: 125
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.2



#43
Isopropyl Acetate
Concen: 0.012 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
61 0.0 21.4 32.2#
87 0.0 11.1 16.7#





#47

Bromodichloromethane

Concen: 0.018 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.270 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

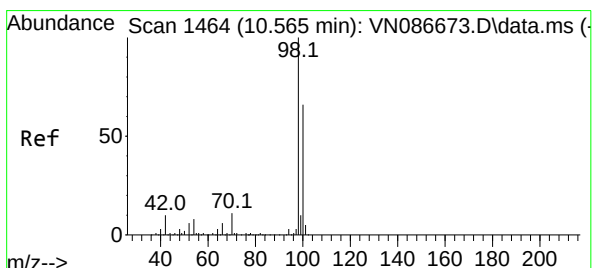
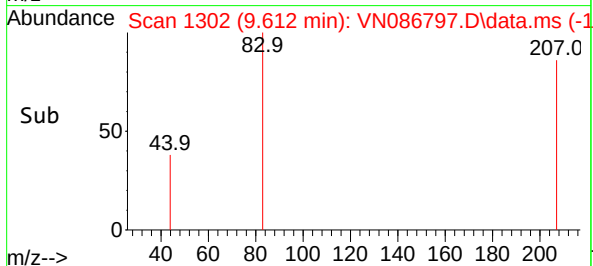
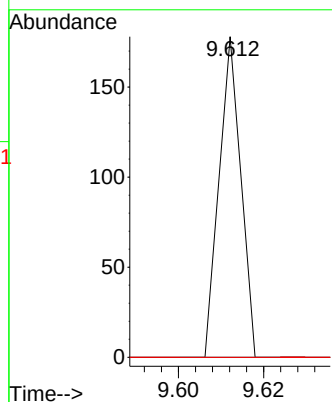
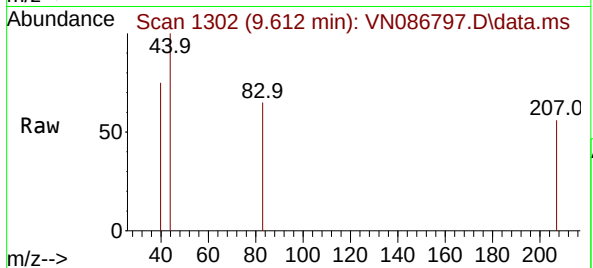
Tgt Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

85 0.0 50.1 75.1#

127 0.0 6.2 9.4#



#50

Toluene-d8

Concen: 51.956 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086797.D

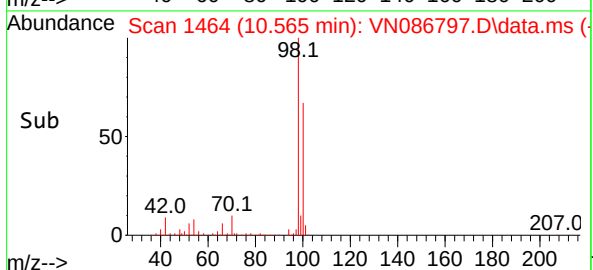
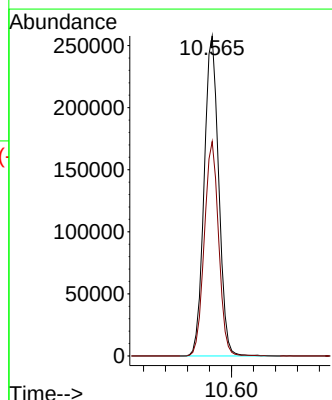
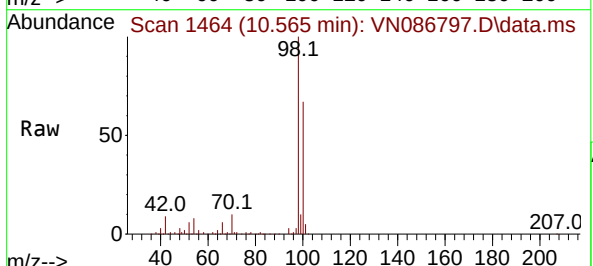
Acq: 28 May 2025 14:12

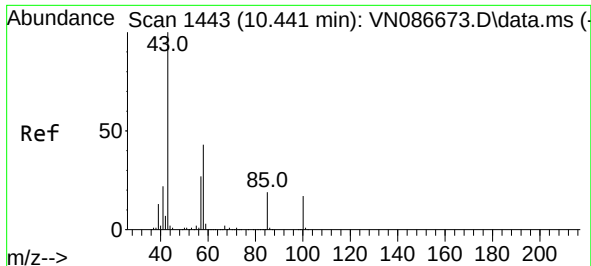
Tgt Ion: 98 Resp: 472884

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3

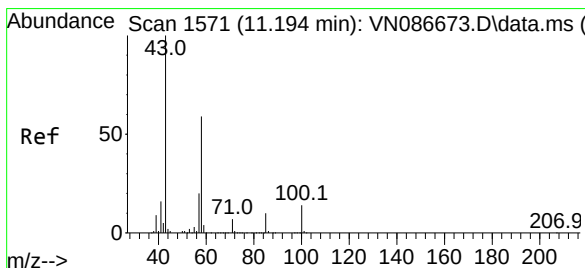
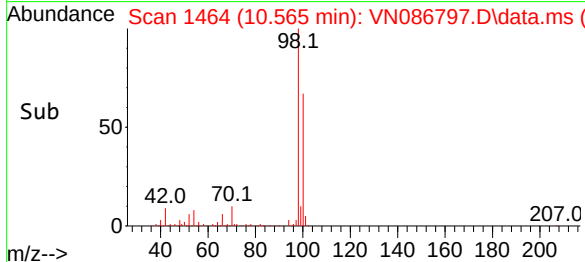
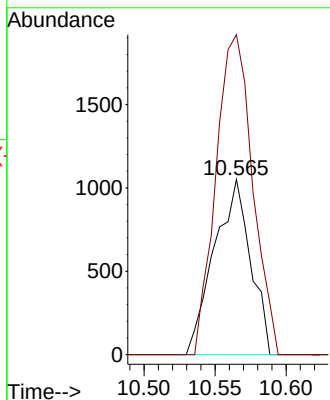
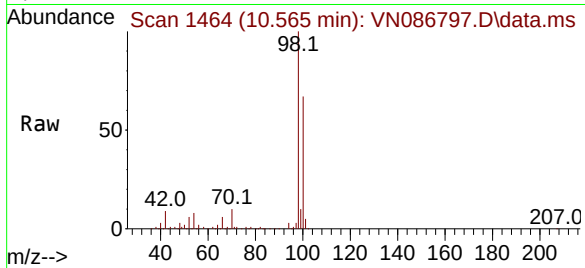




#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

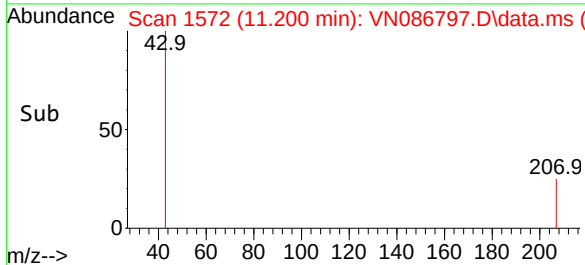
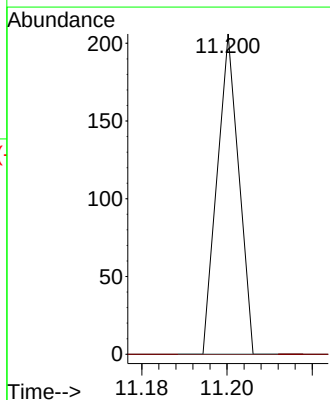
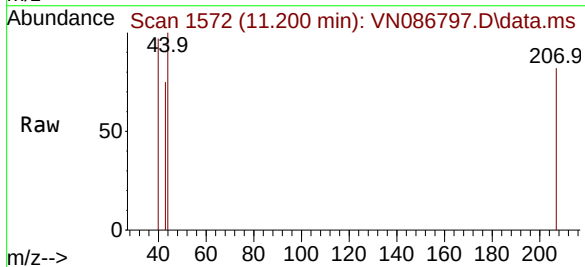
Instrument :
MSVOA_N
ClientSampleId :
IBLK

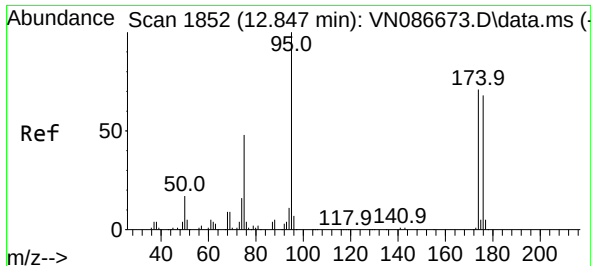
Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
58 184.9 33.9 50.9#



#59
2-Hexanone
Concen: 0.030 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

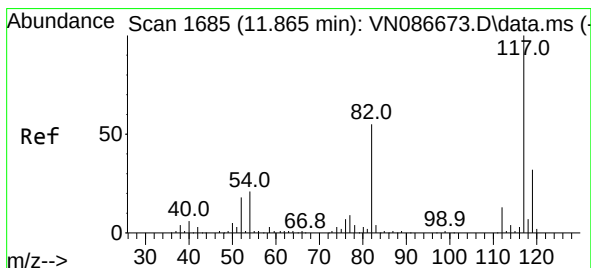
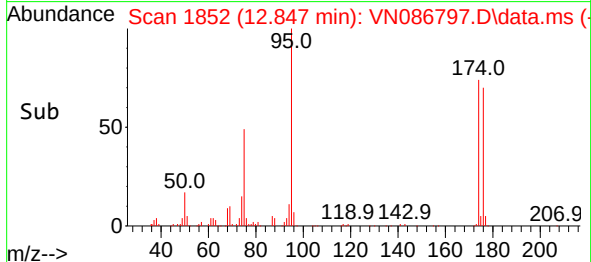
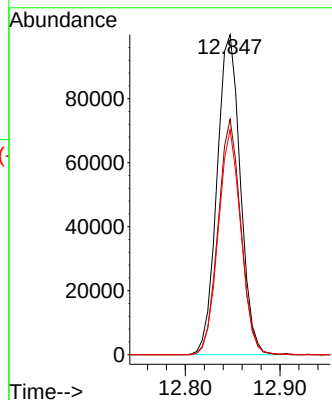
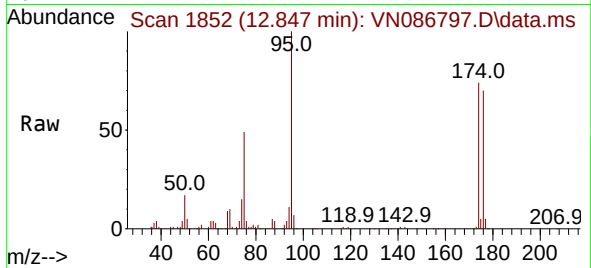




#62
4-Bromofluorobenzene
Concen: 53.219 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

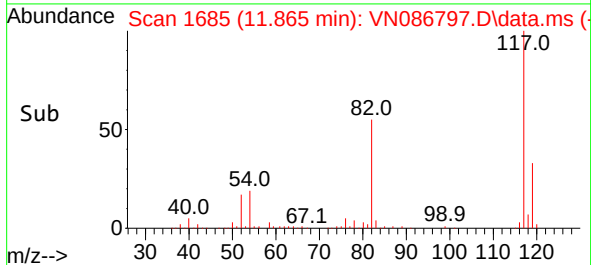
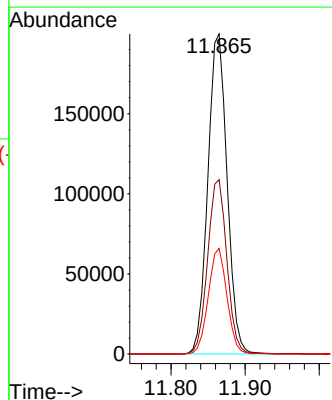
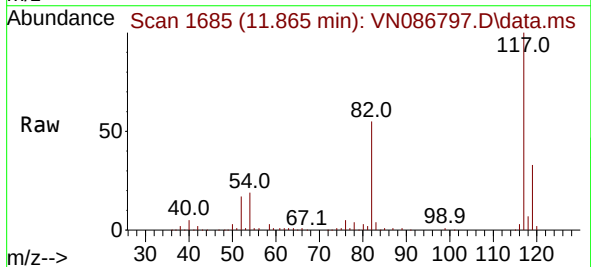
Instrument :
MSVOA_N
ClientSampleId :
IBLK

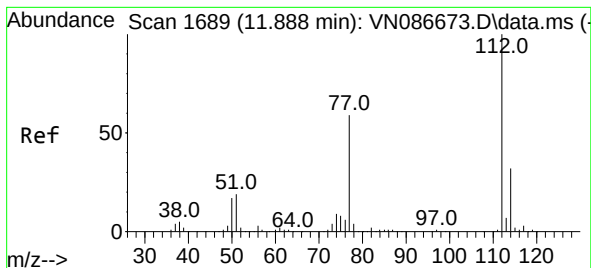
Tgt Ion: 95 Resp: 171032
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.4
176 68.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 117 Resp: 360812
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 33.0 25.4 38.2





#65

Chlorobenzene

Concen: 0.019 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

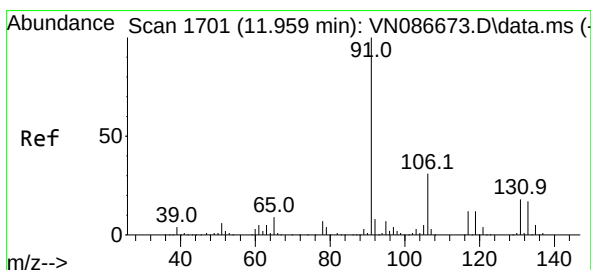
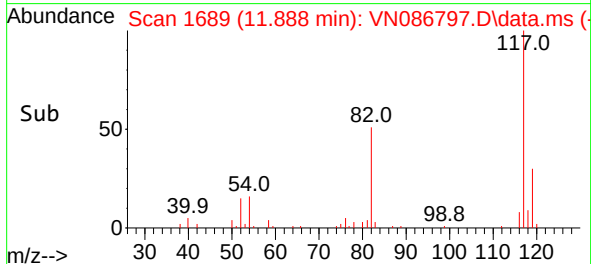
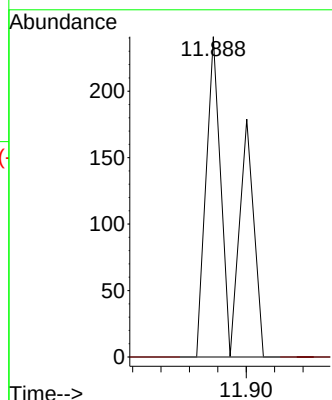
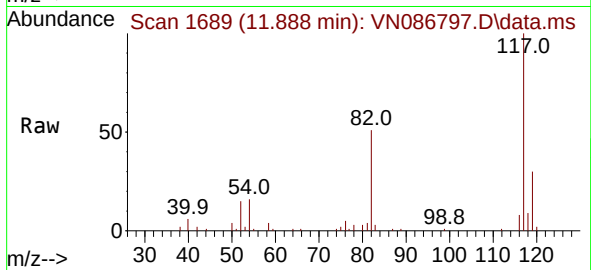
IBLK

Tgt Ion:112 Resp: 148

Ion Ratio Lower Upper

112 100

114 0.0 25.9 38.9#



#67

Ethyl Benzene

Concen: 0.068 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN086797.D

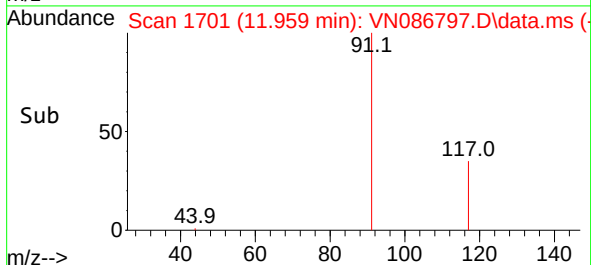
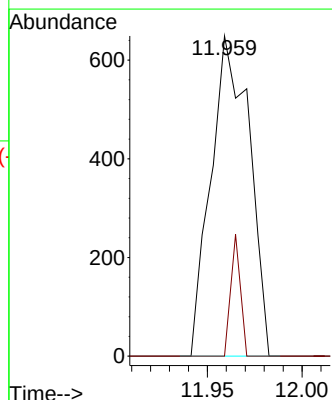
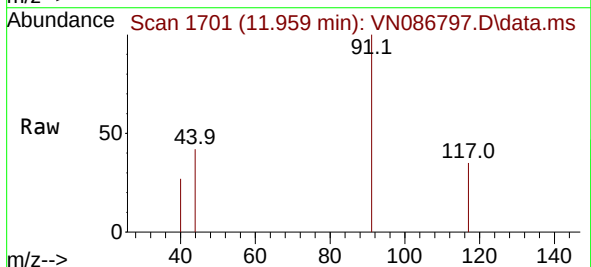
Acq: 28 May 2025 14:12

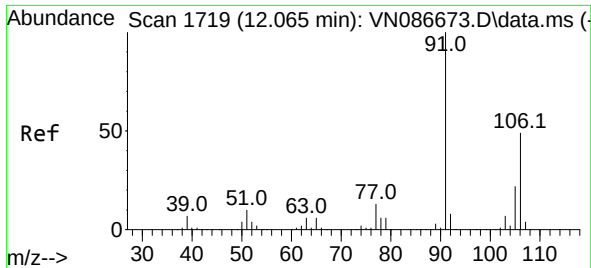
Tgt Ion: 91 Resp: 915

Ion Ratio Lower Upper

91 100

106 0.0 24.6 36.8#

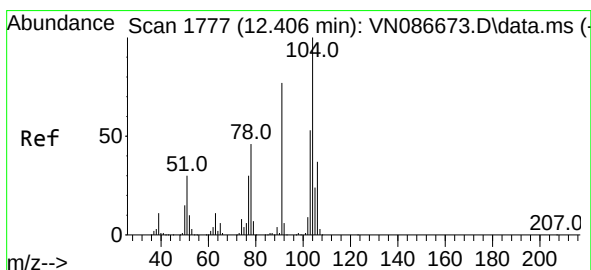
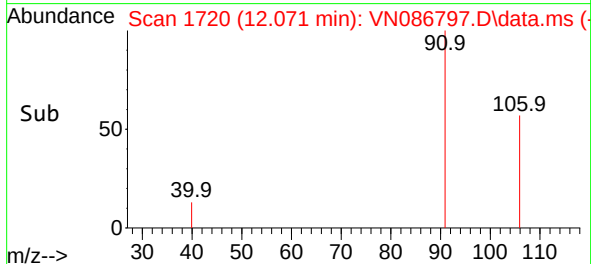
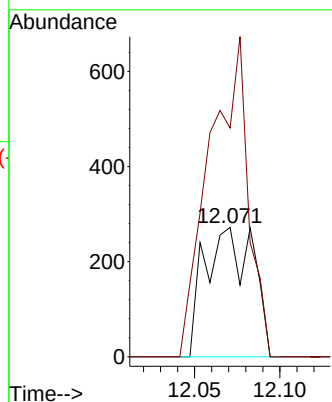
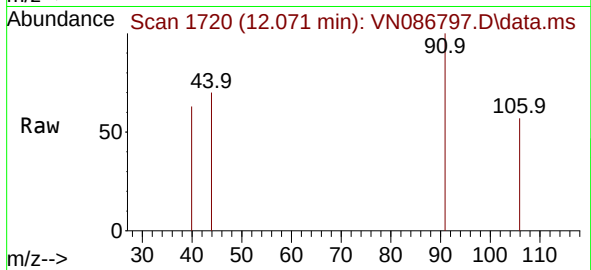




#68
m/p-Xylenes
Concen: 0.103 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

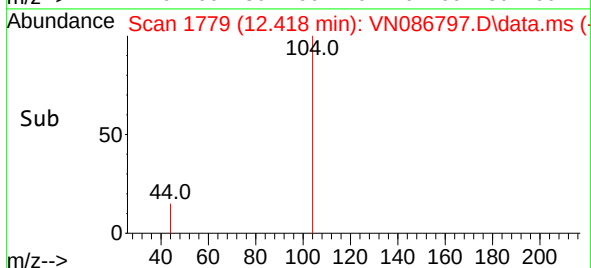
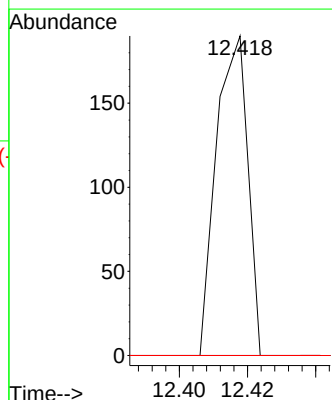
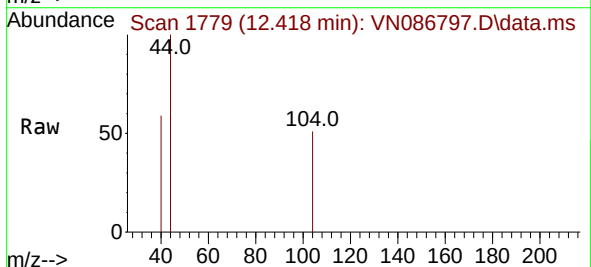
Instrument :
MSVOA_N
ClientSampleId :
IBLK

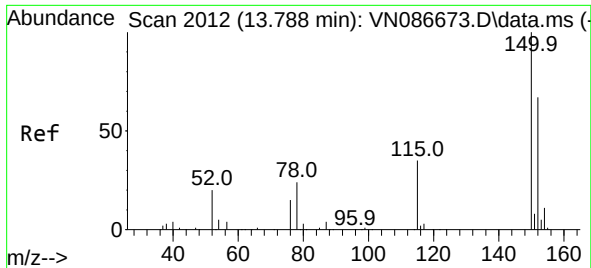
Tgt Ion:106 Resp: 530
Ion Ratio Lower Upper
106 100
91 200.0 162.4 243.6



#70
Styrene
Concen: 0.014 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion:104 Resp: 121
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.6#
103 0.0 43.8 65.8#

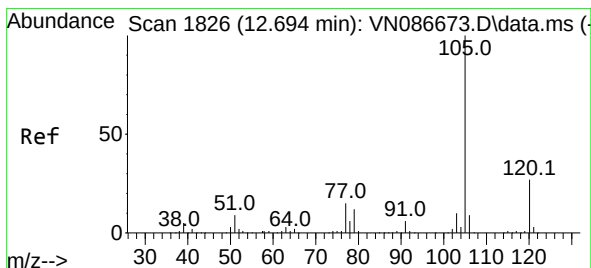
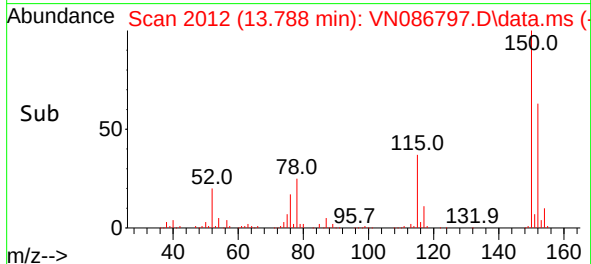
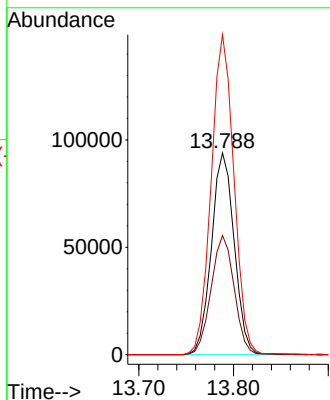
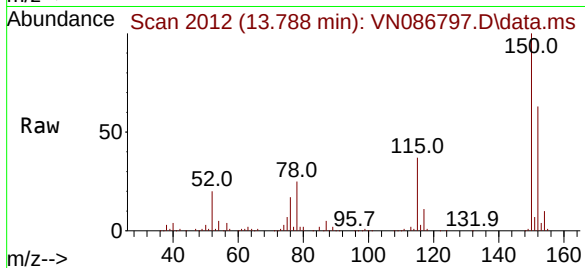




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

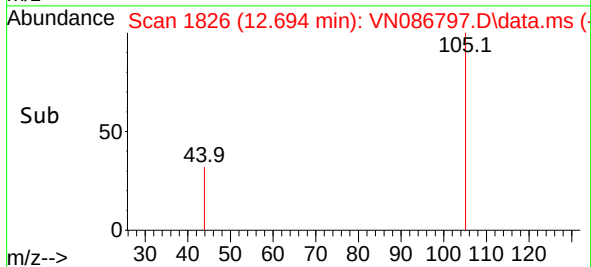
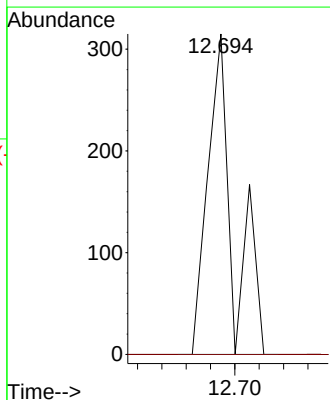
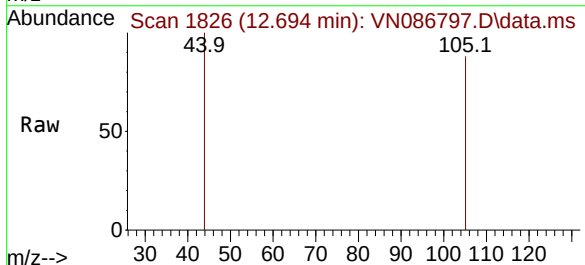
Instrument :
MSVOA_N
ClientSampleId :
IBLK

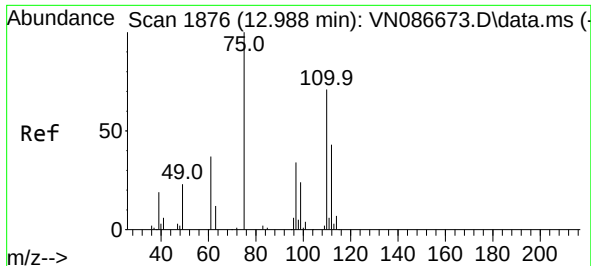
Tgt Ion:152 Resp: 156985
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 158.6 0.0 347.8



#73
Isopropylbenzene
Concen: 0.019 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion:105 Resp: 228
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.1#

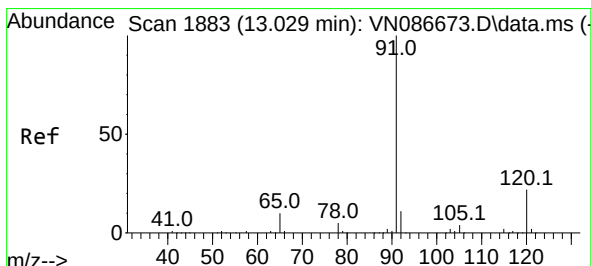
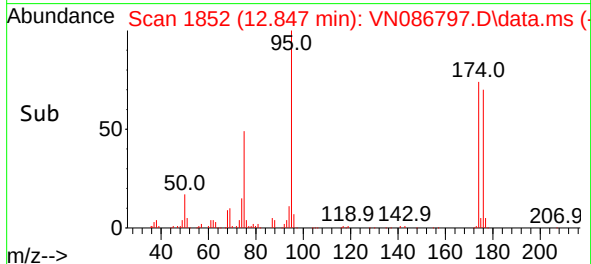
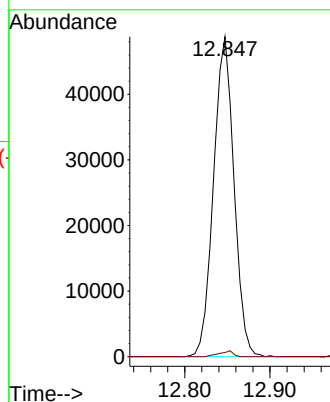
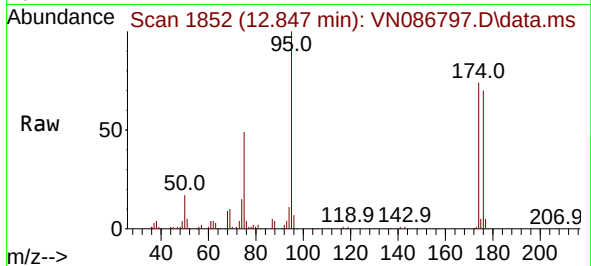




#76
1,2,3-Trichloropropane
Concen: 22.874 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

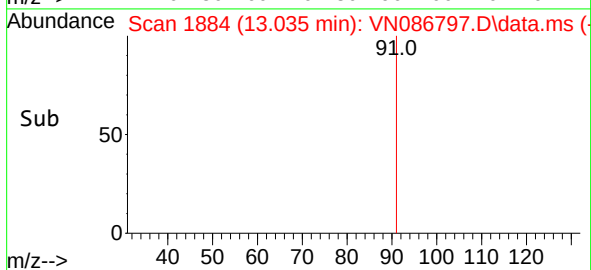
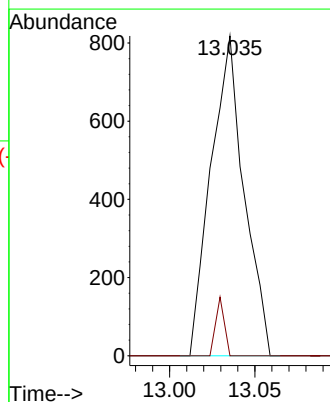
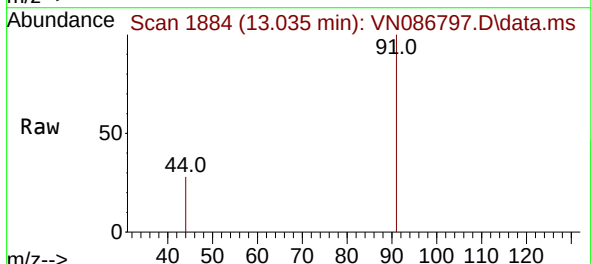
Instrument :
MSVOA_N
ClientSampleId :
IBLK

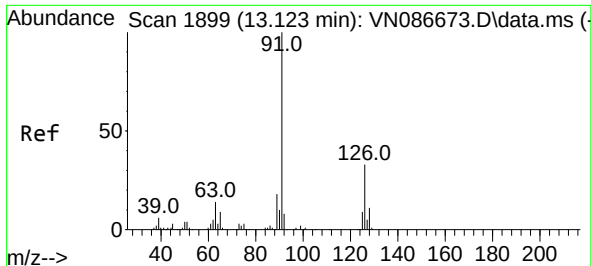
Tgt Ion: 75 Resp: 81210
Ion Ratio Lower Upper
75 100
77 1.2 96.0 288.1#



#78
n-propylbenzene
Concen: 0.080 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 91 Resp: 1107
Ion Ratio Lower Upper
91 100
120 4.8 11.4 34.1#





#79

2-Chlorotoluene

Concen: 0.009 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

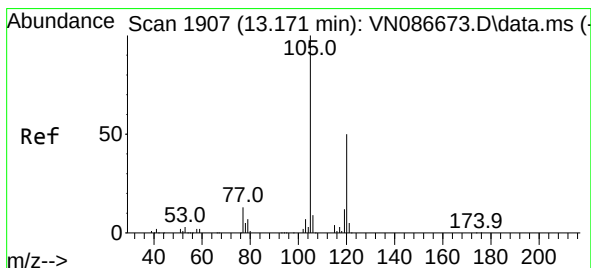
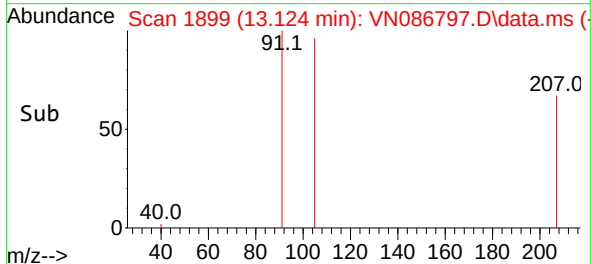
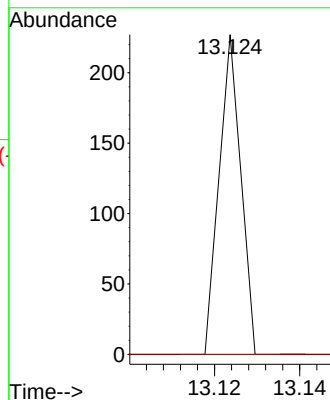
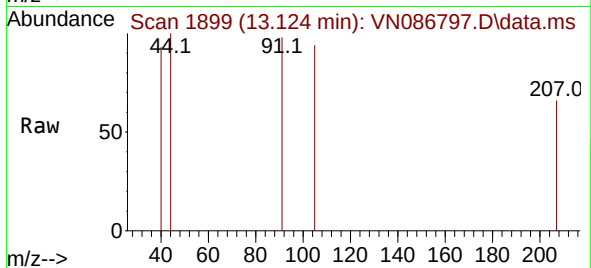
IBLK

Tgt Ion: 91 Resp: 80

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



#80

1,3,5-Trimethylbenzene

Concen: 0.006 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN086797.D

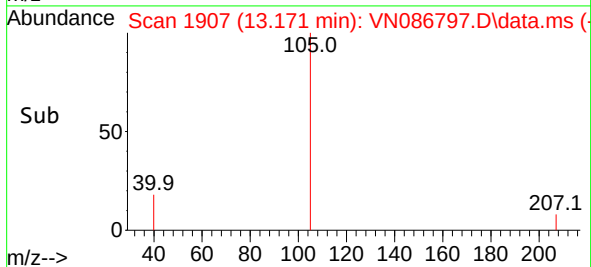
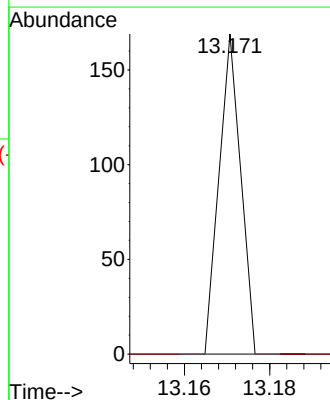
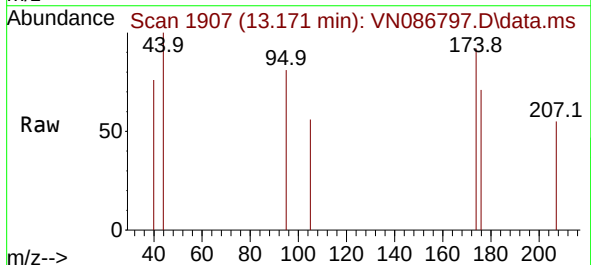
Acq: 28 May 2025 14:12

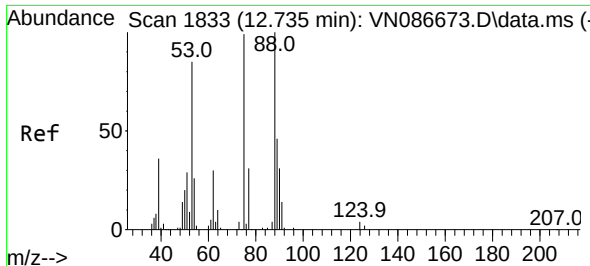
Tgt Ion: 105 Resp: 60

Ion Ratio Lower Upper

105 100

120 0.0 24.9 74.6#

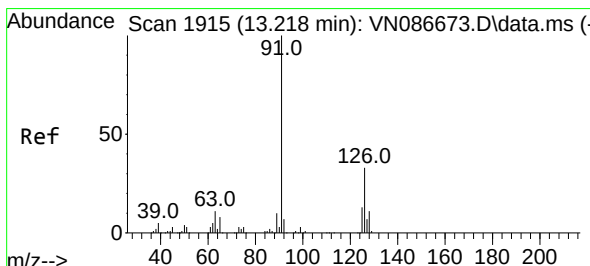
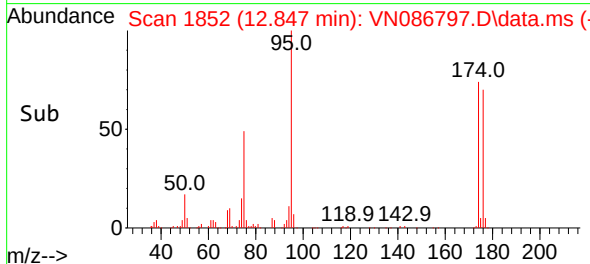
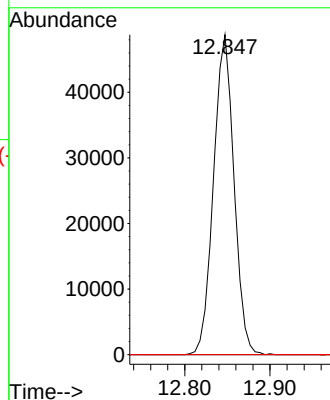
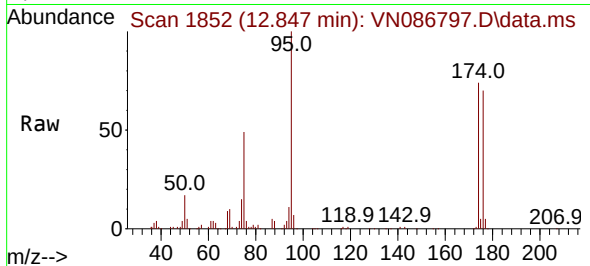




#81
trans-1,4-Dichloro-2-butene
Concen: 57.726 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

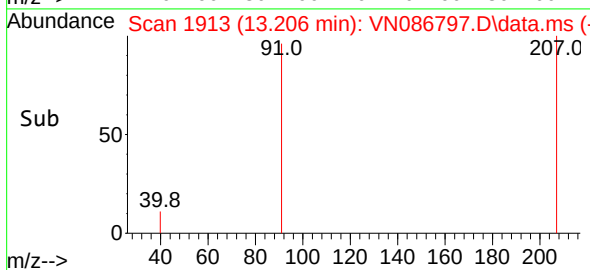
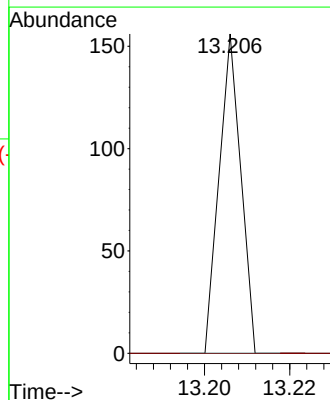
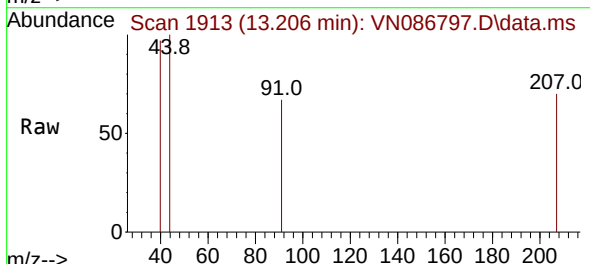
Instrument :
MSVOA_N
ClientSampleId :
IBLK

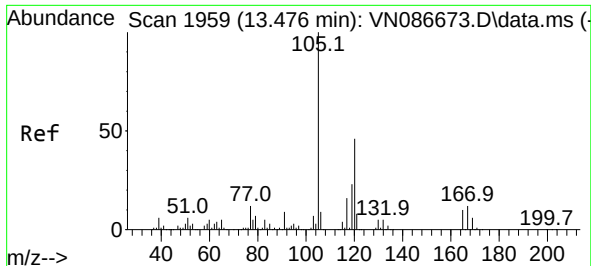
Tgt Ion: 75 Resp: 81210
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 32.4 48.6#



#82
4-Chlorotoluene
Concen: 0.006 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. -0.012 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 91 Resp: 55
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#

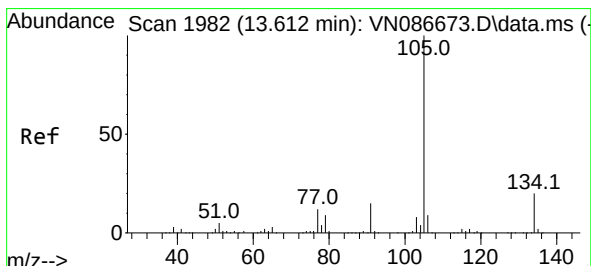
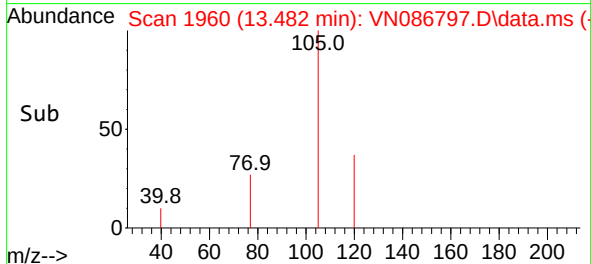
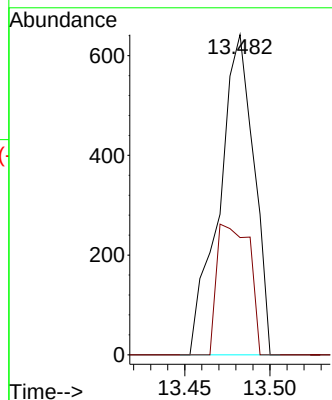
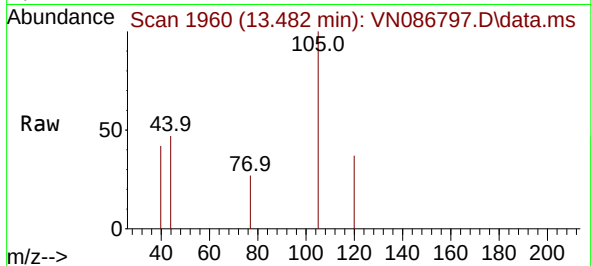




#84
1,2,4-Trimethylbenzene
Concen: 0.094 ug/l
RT: 13.482 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

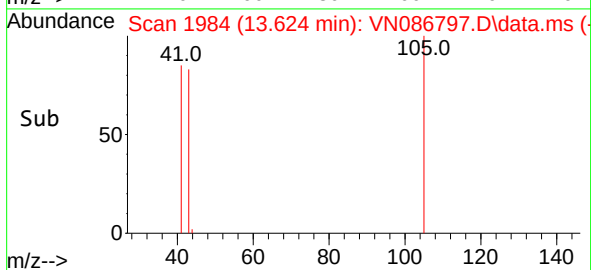
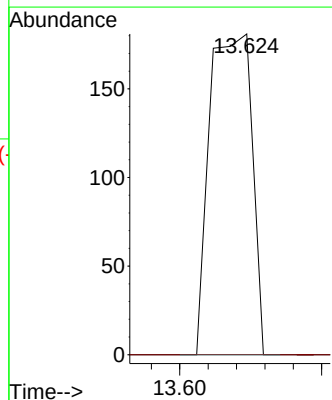
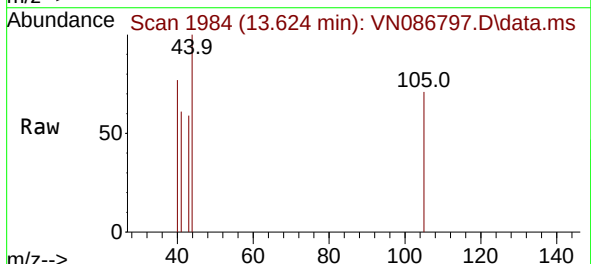
Instrument :
MSVOA_N
ClientSampleId :
IBLK

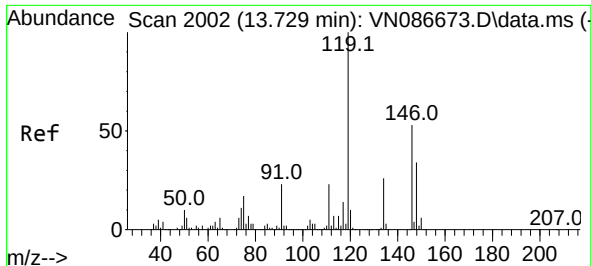
Tgt Ion:105 Resp: 909
Ion Ratio Lower Upper
105 100
120 38.3 23.2 69.6



#85
sec-Butylbenzene
Concen: 0.016 ug/l
RT: 13.624 min Scan# 1984
Delta R.T. 0.012 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion:105 Resp: 186
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#87

1,3-Dichlorobenzene

Concen: 0.049 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

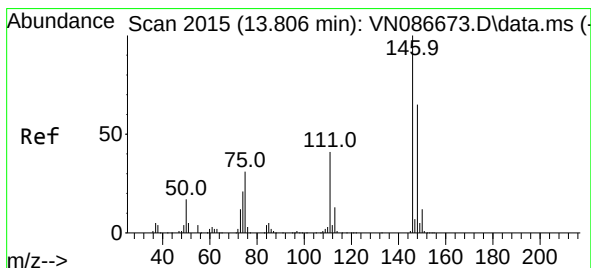
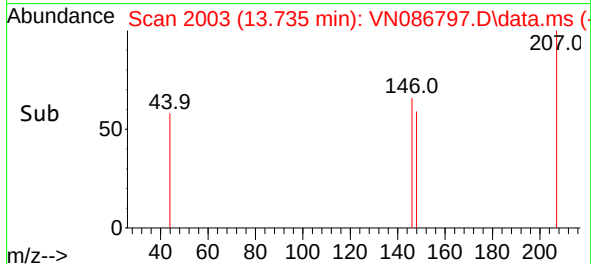
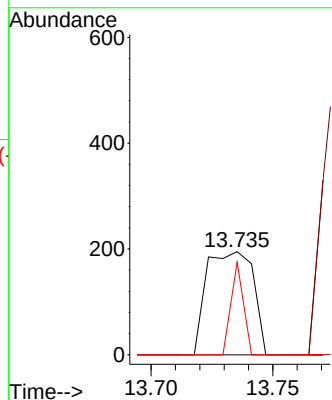
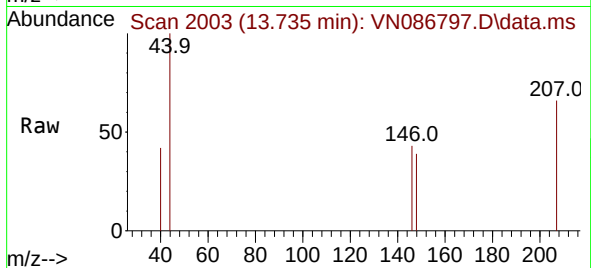
Tgt Ion:146 Resp: 259

Ion Ratio Lower Upper

146 100

111 0.0 20.9 62.7#

148 23.9 31.8 95.4#



#88

1,4-Dichlorobenzene

Concen: 0.055 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. 0.000 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

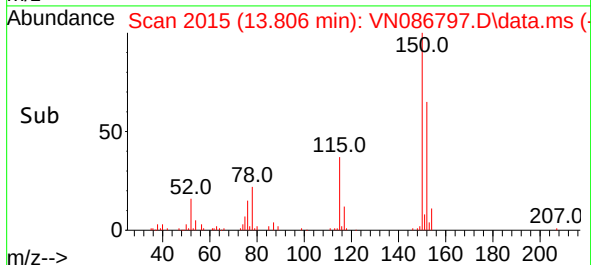
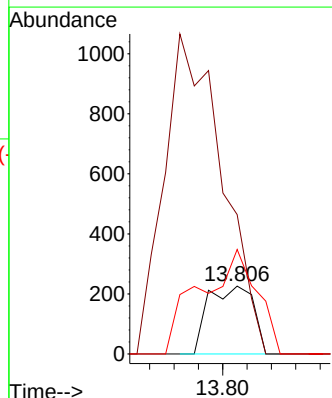
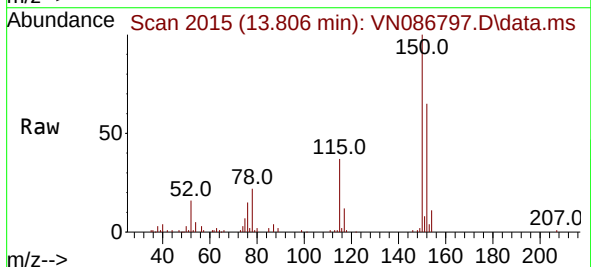
Tgt Ion:146 Resp: 289

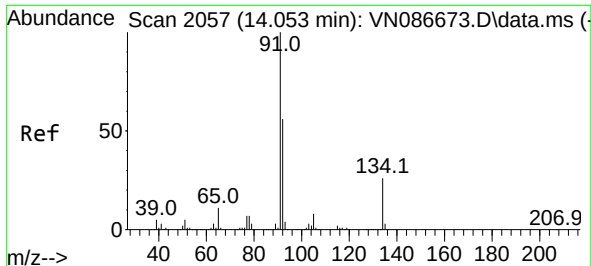
Ion Ratio Lower Upper

146 100

111 0.0 20.6 61.8#

148 195.5 32.0 96.0#





#89

n-Butylbenzene

Concen: 0.062 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.012 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

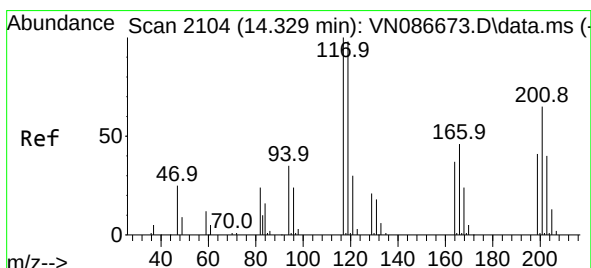
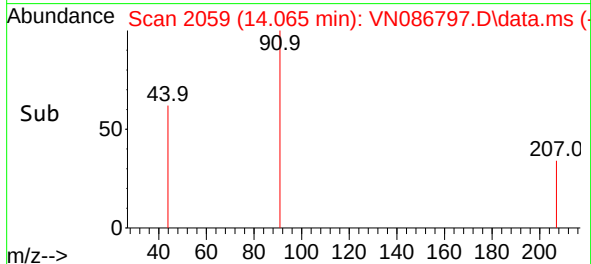
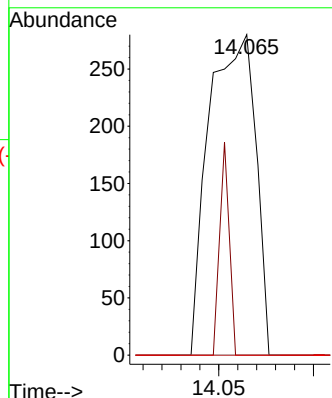
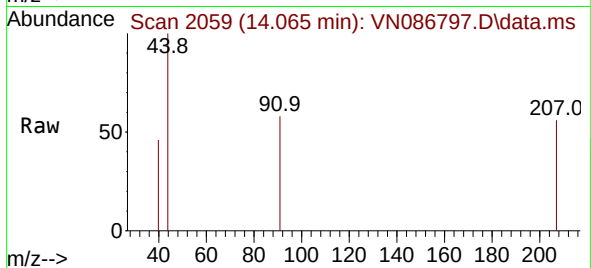
Tgt Ion: 91 Resp: 478

Ion Ratio Lower Upper

91 100

92 13.8 27.4 82.0#

134 0.0 12.8 38.4#



#90

Hexachloroethane

Concen: 0.267 ug/l

RT: 14.441 min Scan# 2123

Delta R.T. 0.112 min

Lab File: VN086797.D

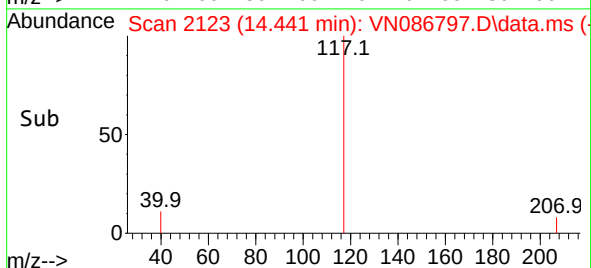
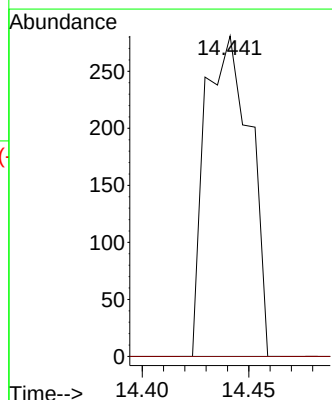
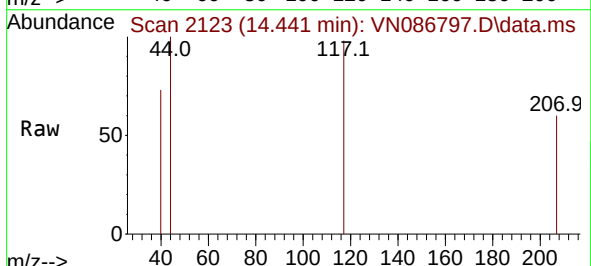
Acq: 28 May 2025 14:12

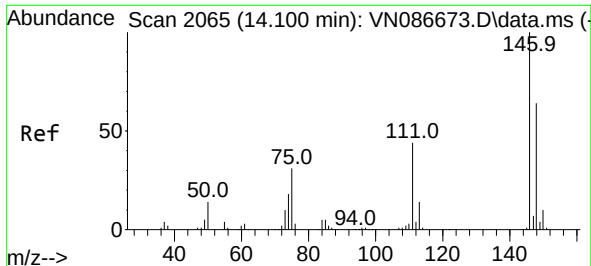
Tgt Ion: 117 Resp: 412

Ion Ratio Lower Upper

117 100

201 0.0 32.0 96.0#





#91

1,2-Dichlorobenzene

Concen: 0.011 ug/l

RT: 14.118 min Scan# 2068

Delta R.T. 0.018 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

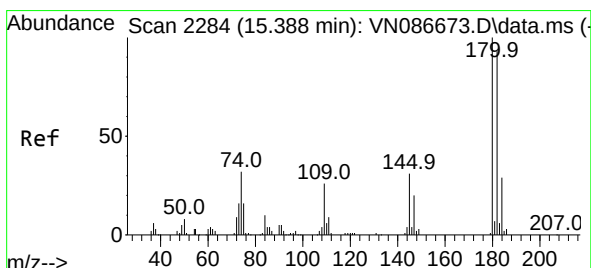
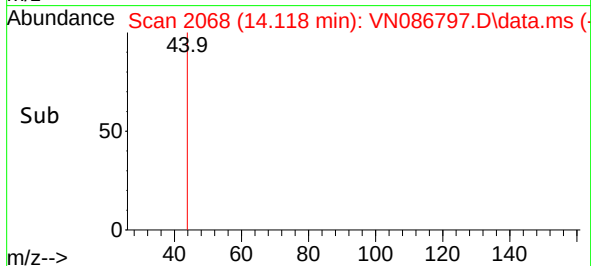
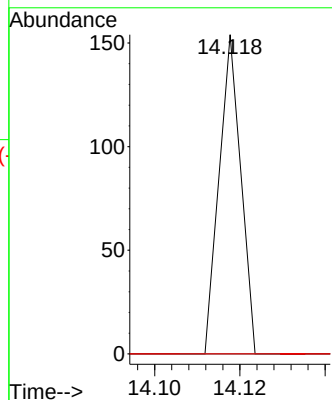
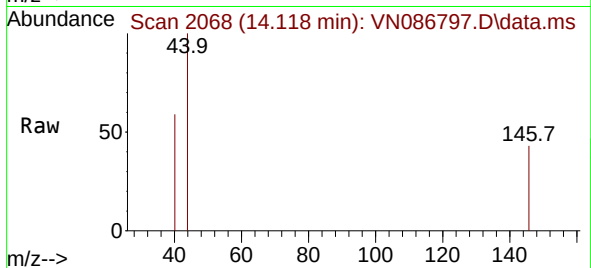
Tgt Ion:146 Resp: 54

Ion Ratio Lower Upper

146 100

111 0.0 21.6 65.0#

148 0.0 31.7 95.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.060 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

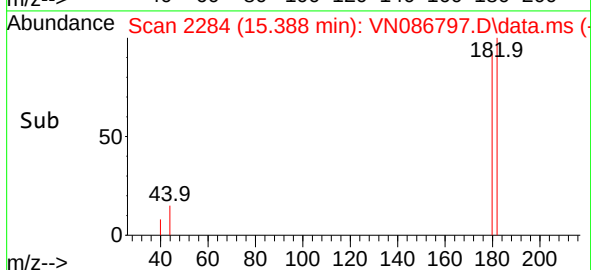
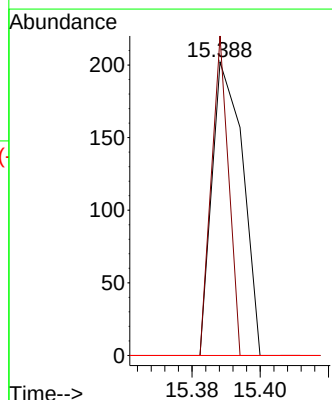
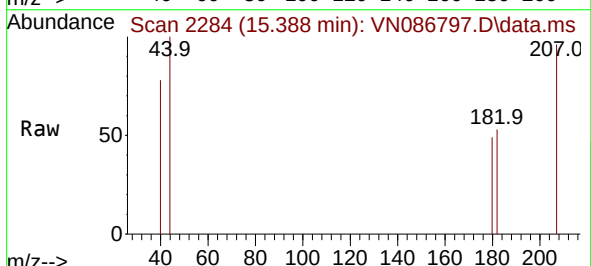
Tgt Ion:180 Resp: 127

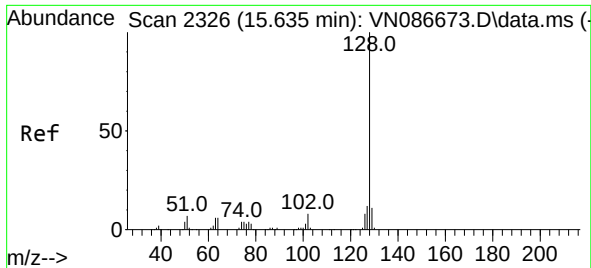
Ion Ratio Lower Upper

180 100

182 61.4 47.1 141.3

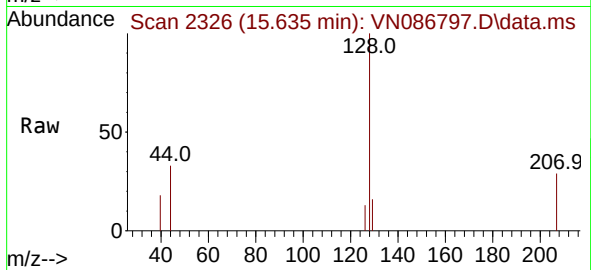
145 0.0 15.6 46.8#





#95
Naphthalene
Concen: 0.382 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	9.5	8.6	13.0

