

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086868.D
 Acq On : 06 Jun 2025 15:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 07 02:15:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	214782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	375045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	316573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	132402	46.042	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.080%
35) Dibromofluoromethane	8.176	113	108575	48.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.570	98	447123	50.817	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.847	95	153053	46.820	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.640%
Target Compounds						
					Qvalue	
5) Bromomethane	3.012	94	719	0.450	ug/l	88
10) Methyl Iodide	4.618	142	1431	0.471	ug/l #	81
11) Tert butyl alcohol	5.541	59	166	0.213	ug/l #	73
13) Acrolein	4.206	56	153	0.619	ug/l #	64
15) Acrylonitrile	5.735	53	1619	0.888	ug/l #	84
16) Acetone	4.453	43	2285	1.498	ug/l	94
17) Carbon Disulfide	4.735	76	7760	1.174	ug/l #	90
20) Methylene Chloride	5.306	84	836	0.293	ug/l #	65
21) trans-1,2-Dichloroethene	5.800	96	2140	0.805	ug/l #	54
23) Vinyl Acetate	6.624	43	2711	0.384	ug/l #	69
25) 2-Butanone	7.500	43	1084	0.437	ug/l #	46
27) cis-1,2-Dichloroethene	7.488	96	724	0.228	ug/l #	1
29) Tetrahydrofuran	7.871	42	420	0.260	ug/l #	81
31) Cyclohexane	8.229	56	4686	1.005	ug/l #	1
36) 1,1-Dichloropropene	8.382	75	1008	0.304	ug/l #	62
38) Carbon Tetrachloride	8.235	117	20677	6.359	ug/l #	16
39) Methylcyclohexane	9.606	83	933	0.206	ug/l	93
44) Trichloroethene	9.365	130	689	0.268	ug/l	65
49) 1,4-Dioxane	9.700	88	71	1.253	ug/l #	90
53) t-1,3-Dichloropropene	10.847	75	1025	0.255	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.165	63	1503	0.621	ug/l #	72
64) Tetrachloroethene	11.112	164	578	0.288	ug/l #	79
65) Chlorobenzene	11.894	112	1432	0.205	ug/l	98
68) m/p-Xylenes	12.076	106	1774	0.385	ug/l	89
70) Styrene	12.411	104	1736	0.230	ug/l #	90
76) 1,2,3-Trichloropropane	12.847	75	71957	21.287	ug/l #	1
77) Bromobenzene	12.988	156	583	0.245	ug/l	57
78) n-propylbenzene	13.041	91	3676	0.292	ug/l	99
79) 2-Chlorotoluene	13.129	91	1860	0.246	ug/l	85
80) 1,3,5-Trimethylbenzene	13.170	105	1945	0.227	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	71957	49.002	ug/l #	16
82) 4-Chlorotoluene	13.223	91	3267	0.428	ug/l	90
84) 1,2,4-Trimethylbenzene	13.476	105	2163	0.252	ug/l	89
85) sec-Butylbenzene	13.611	105	3162	0.278	ug/l	93
86) p-Isopropyltoluene	13.729	119	2734	0.291	ug/l	91
87) 1,3-Dichlorobenzene	13.735	146	2413	0.516	ug/l	90

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QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

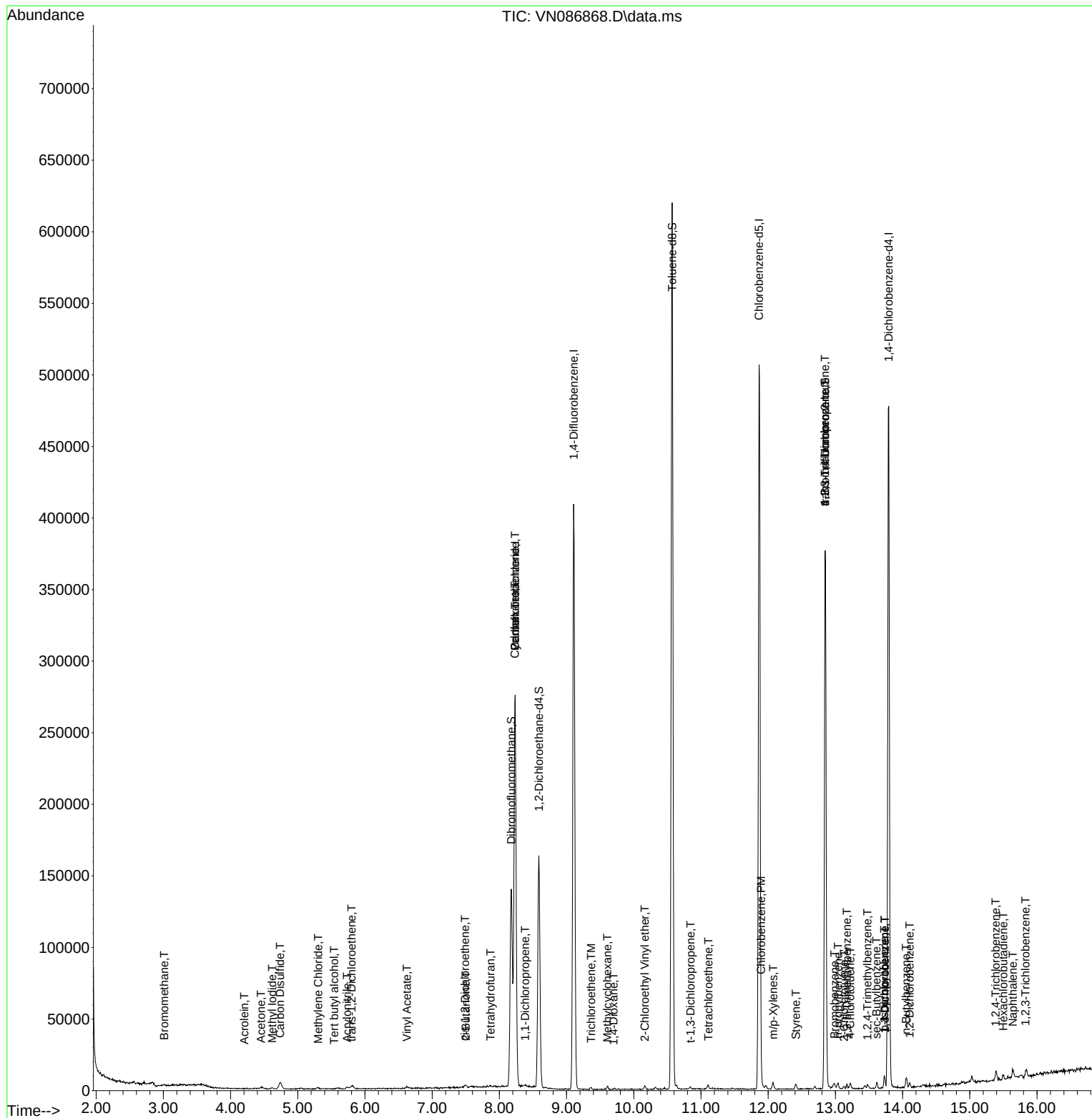
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.735	146	2413	0.506	ug/l	89
89) n-Butylbenzene	14.053	91	4862	0.534	ug/l	91
91) 1,2-Dichlorobenzene	14.105	146	1451	0.323	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	2593	0.904	ug/l	94
94) Hexachlorobutadiene	15.499	225	777	0.727	ug/l #	80
95) Naphthalene	15.641	128	7155	0.670	ug/l	97
96) 1,2,3-Trichlorobenzene	15.829	180	1879	0.659	ug/l	92

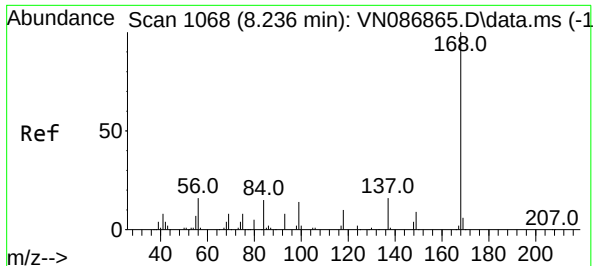
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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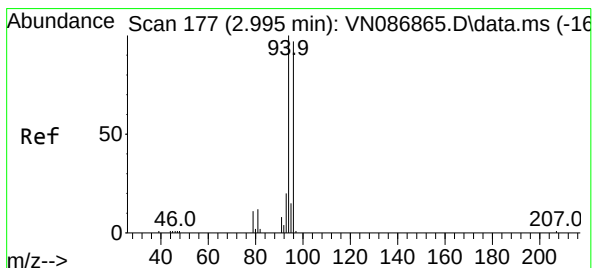
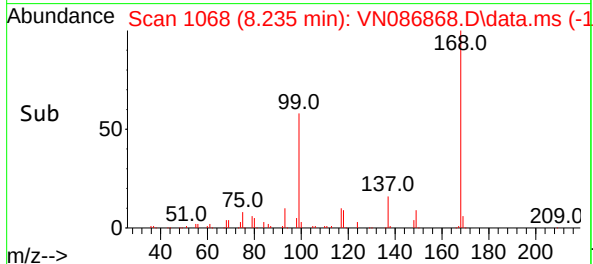
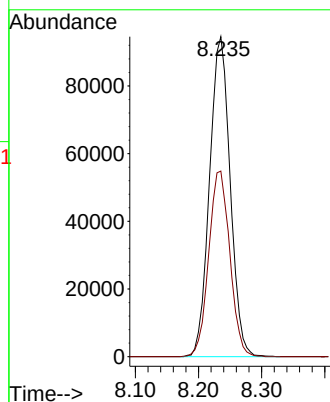
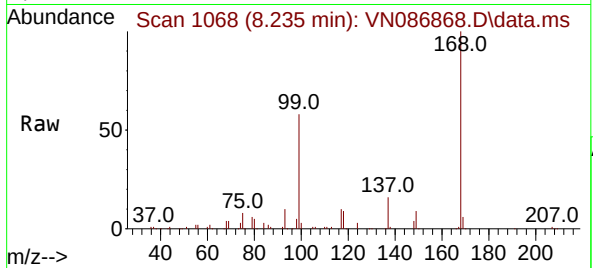




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
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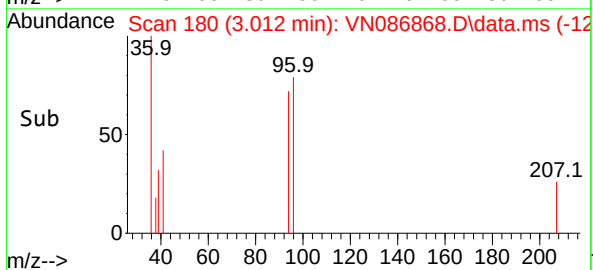
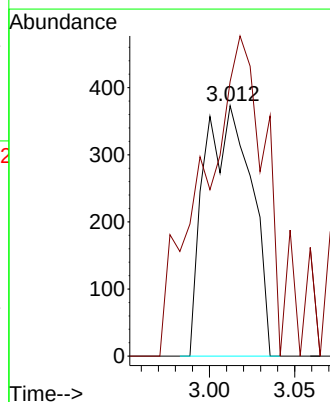
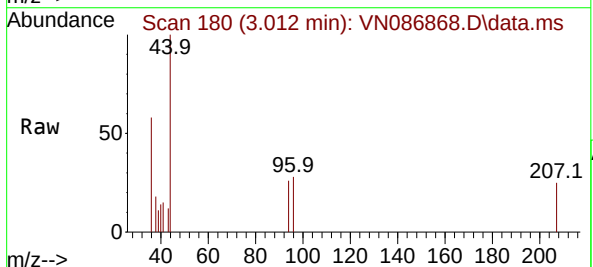
Instrument :
MSVOA_N
ClientSampleId :
IBLK

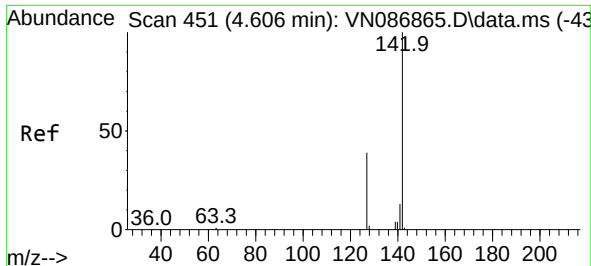
Tgt Ion:168 Resp: 214782
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#5
Bromomethane
Concen: 0.450 ug/l
RT: 3.012 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 109.7 77.9 116.9

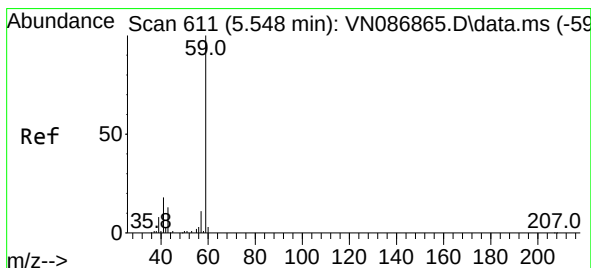
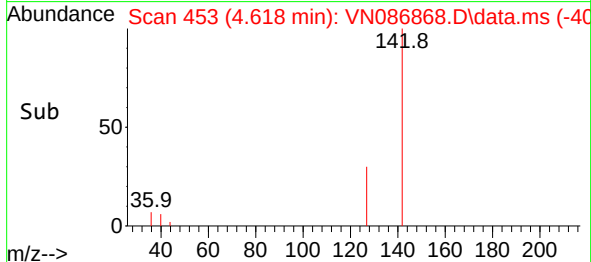
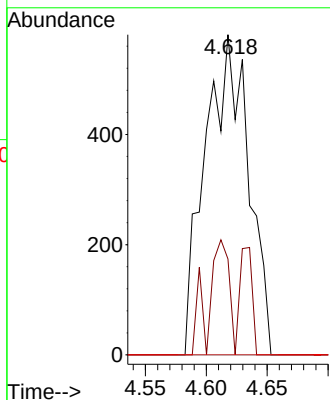
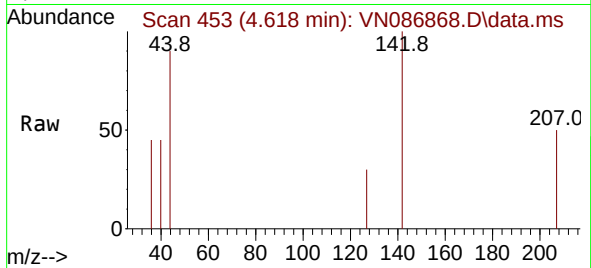




#10
Methyl Iodide
Concen: 0.471 ug/l
RT: 4.618 min Scan# 411
Delta R.T. 0.011 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

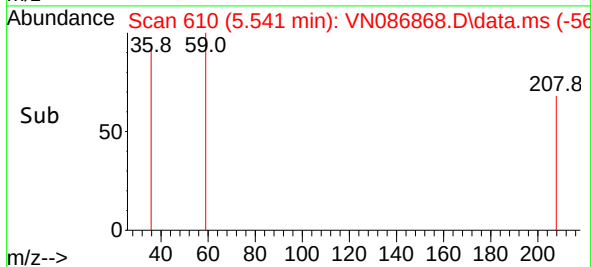
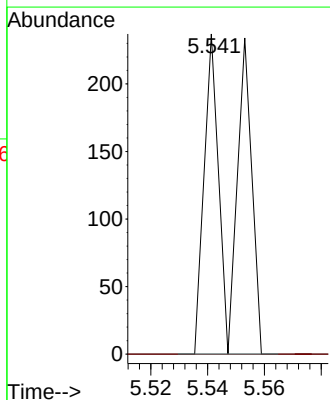
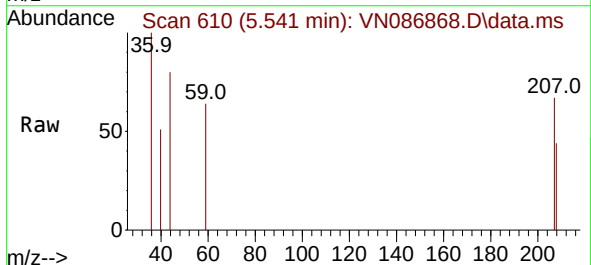
Instrument :
MSVOA_N
ClientSampleId :
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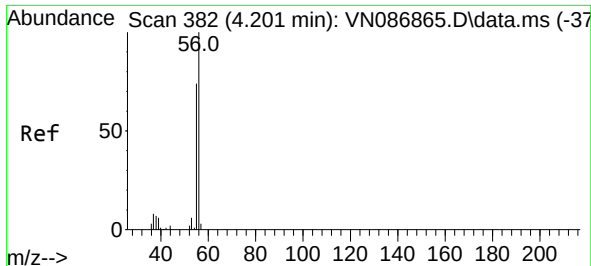
Tgt Ion:142 Resp: 1431
Ion Ratio Lower Upper
142 100
127 29.9 30.9 46.3#
141 0.0 10.4 15.6#



#11
Tert butyl alcohol
Concen: 0.213 ug/l
RT: 5.541 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

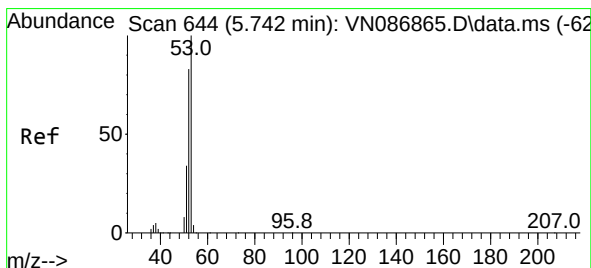
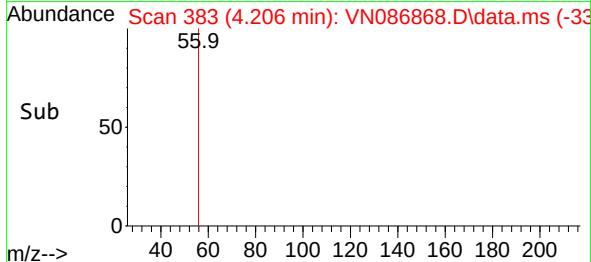
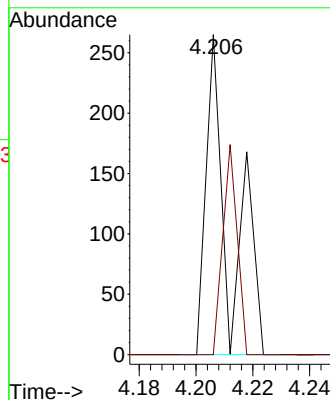
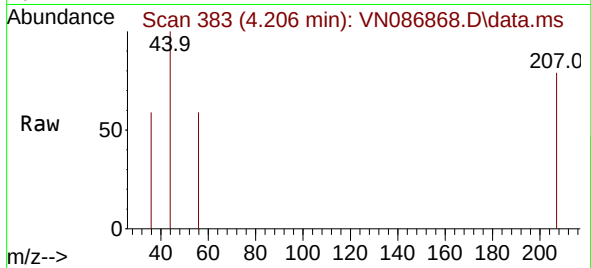




#13
Acrolein
Concen: 0.619 ug/l
RT: 4.206 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

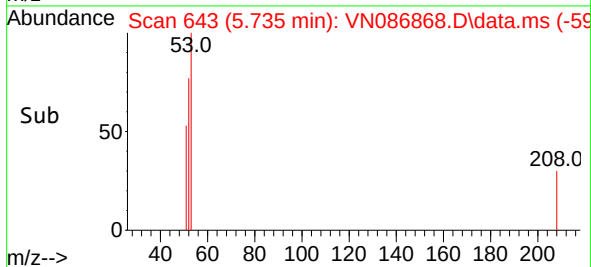
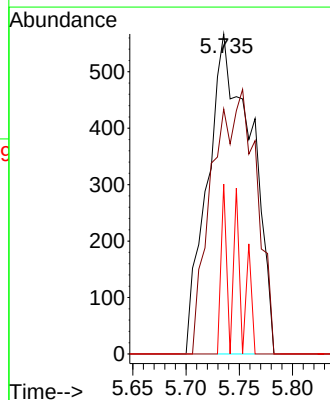
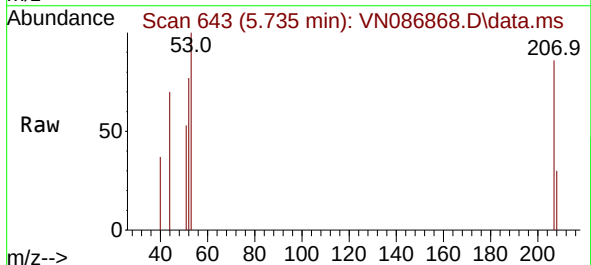
Instrument :
MSVOA_N
ClientSampleId :
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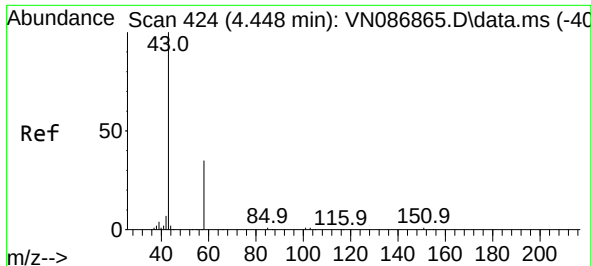
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 39.9 55.6 83.4#



#15
Acrylonitrile
Concen: 0.888 ug/l
RT: 5.735 min Scan# 643
Delta R.T. -0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 53 Resp: 1619
Ion Ratio Lower Upper
53 100
52 83.4 65.0 97.6
51 6.5 27.2 40.8#

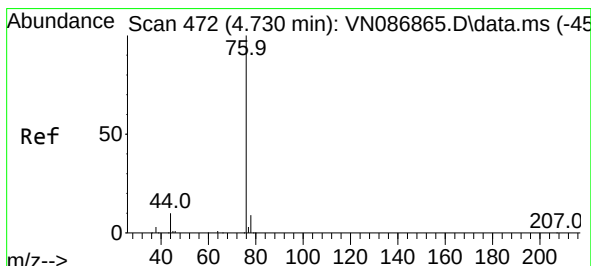
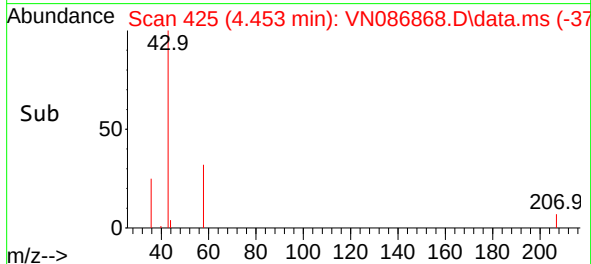
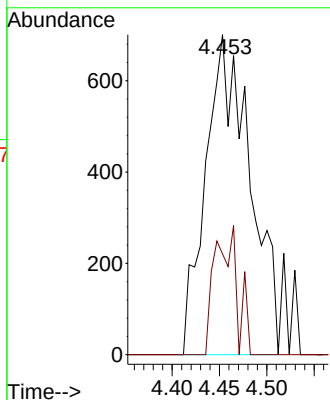
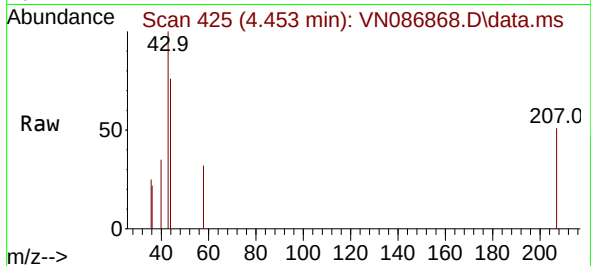




#16
Acetone
Concen: 1.498 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

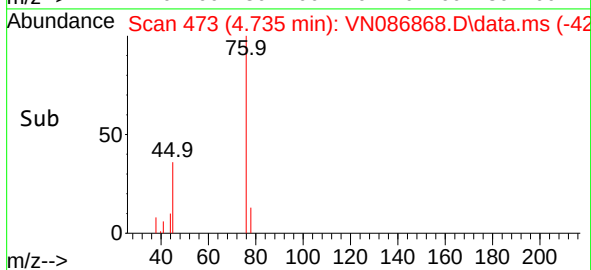
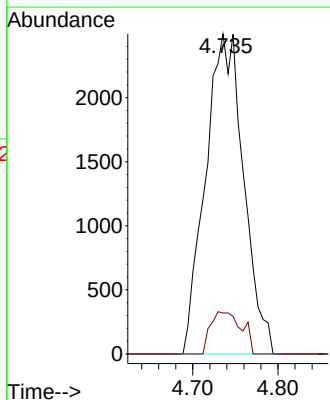
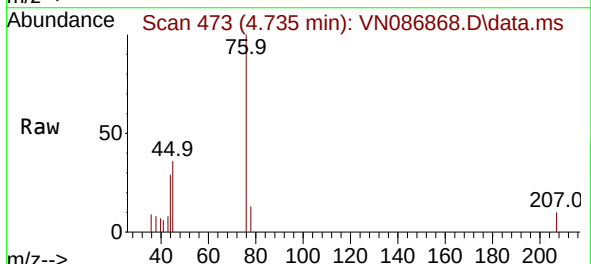
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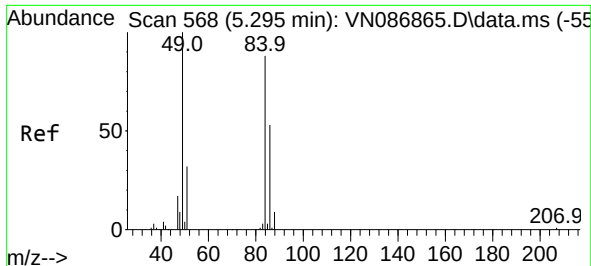
Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0



#17
Carbon Disulfide
Concen: 1.174 ug/l
RT: 4.735 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

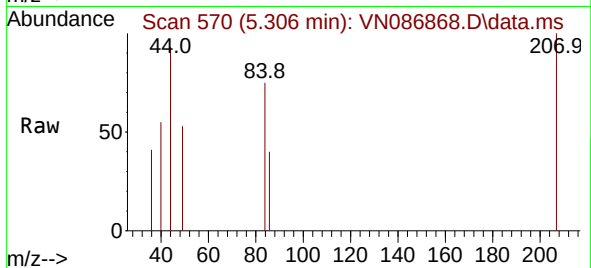
Tgt Ion: 76 Resp: 7760
Ion Ratio Lower Upper
76 100
78 12.8 7.3 10.9#



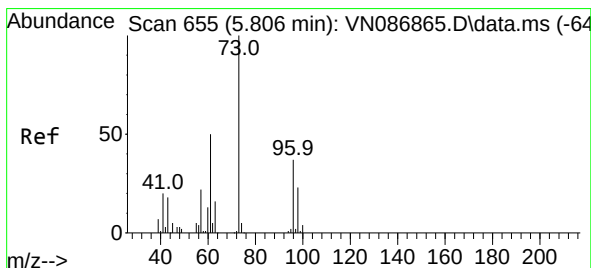
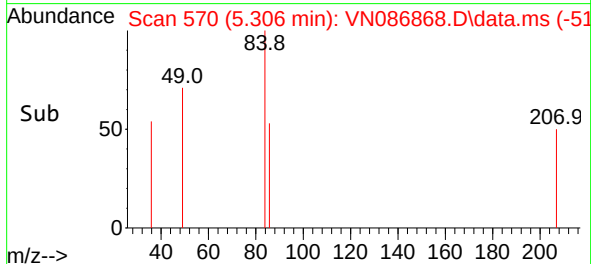
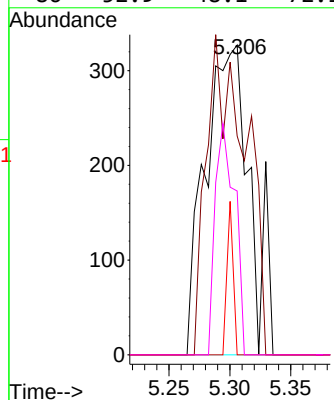


#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 5.306 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Instrument :
MSVOA_N
ClientSampleId :
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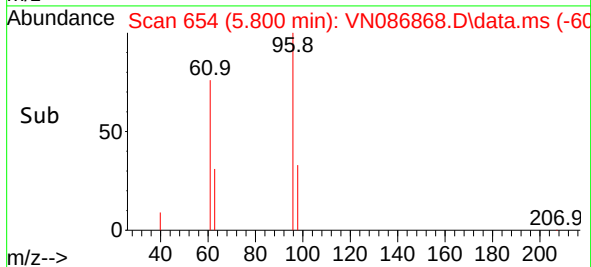
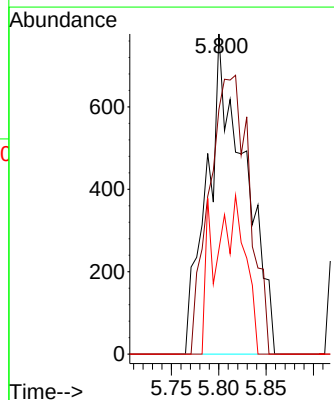
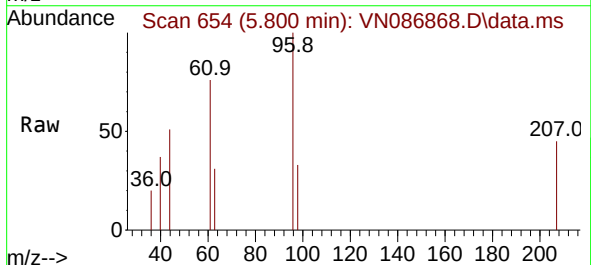


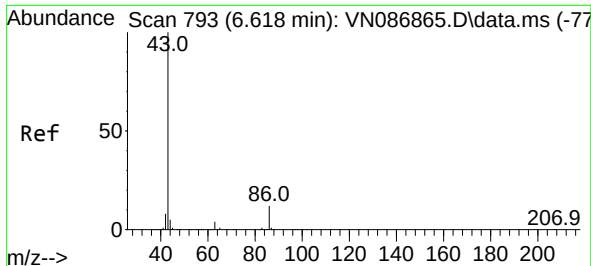
Tgt Ion: 84 Resp: 836
Ion Ratio Lower Upper
84 100
49 70.6 90.5 135.7#
51 0.0 28.5 42.7#
86 52.9 48.1 72.1



#21
trans-1,2-Dichloroethene
Concen: 0.805 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 96 Resp: 2140
Ion Ratio Lower Upper
96 100
61 76.4 109.2 163.8#
98 32.7 49.8 74.8#

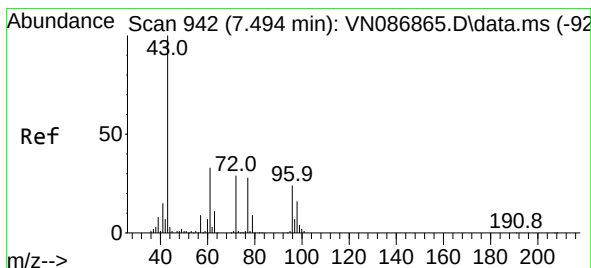
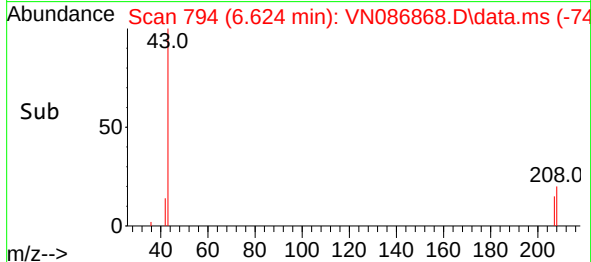
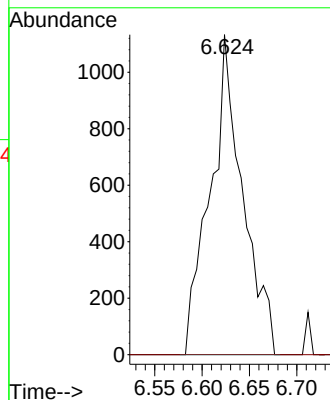
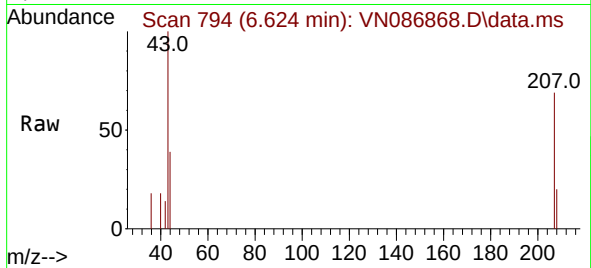




#23
 Vinyl Acetate
 Concen: 0.384 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

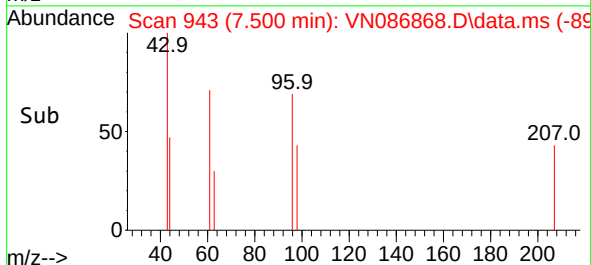
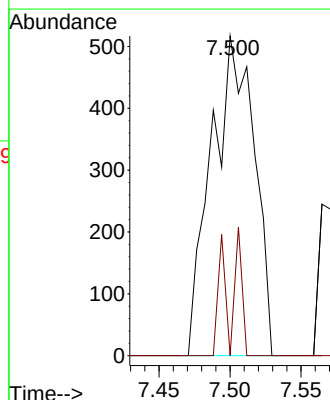
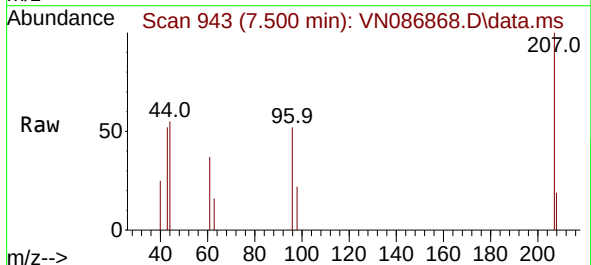
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 ClientSampleId :
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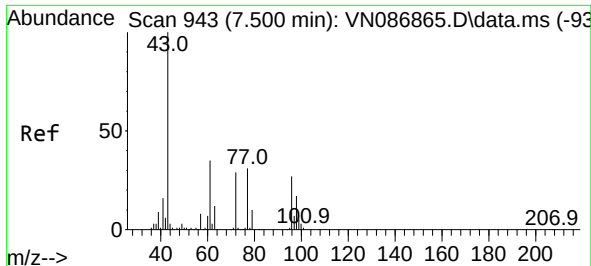
Tgt Ion: 43 Resp: 2711
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.5 14.3#



#25
 2-Butanone
 Concen: 0.437 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.006 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

Tgt Ion: 43 Resp: 1084
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.0 34.6#

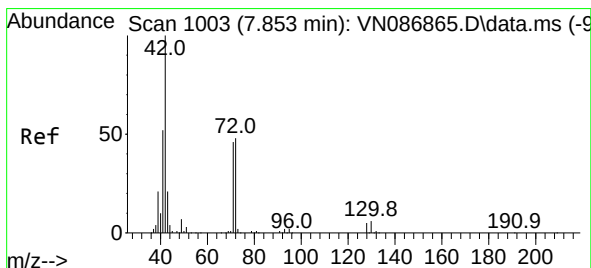
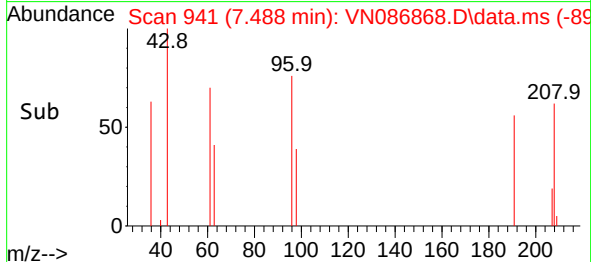
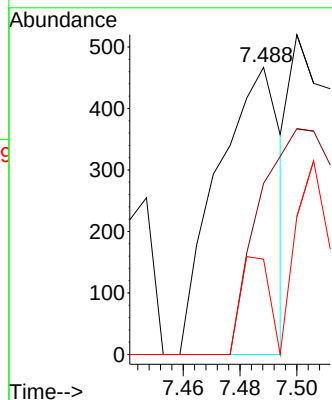
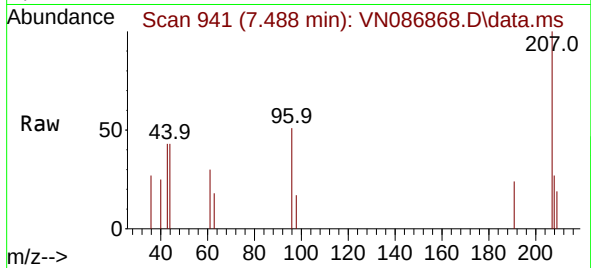




#27
 cis-1,2-Dichloroethene
 Concen: 0.228 ug/l
 RT: 7.488 min Scan# 94
 Delta R.T. -0.012 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

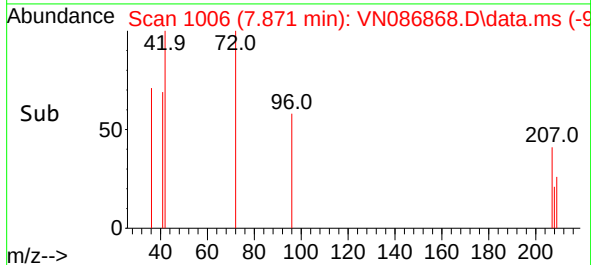
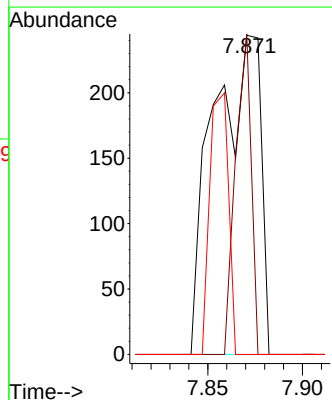
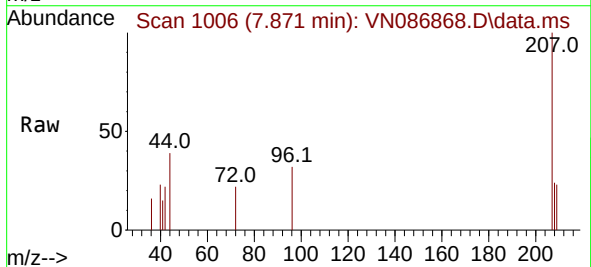
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

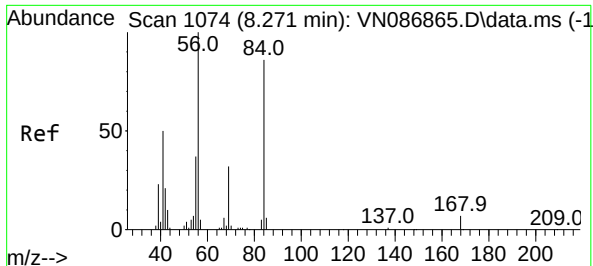
Tgt Ion: 96 Resp: 724
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 278.0
 98 0.0 0.0 128.2



#29
 Tetrahydrofuran
 Concen: 0.260 ug/l
 RT: 7.871 min Scan# 1006
 Delta R.T. 0.017 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

Tgt Ion: 42 Resp: 420
 Ion Ratio Lower Upper
 42 100
 72 33.3 37.8 56.6#
 71 32.9 35.6 53.4#

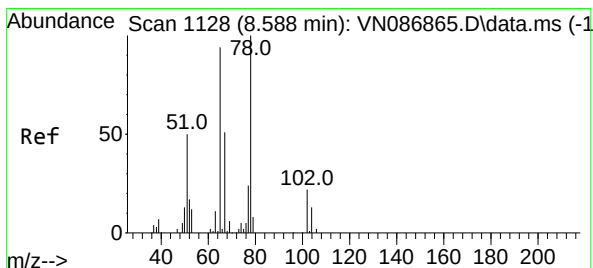
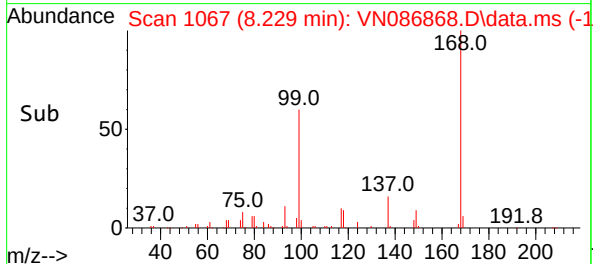
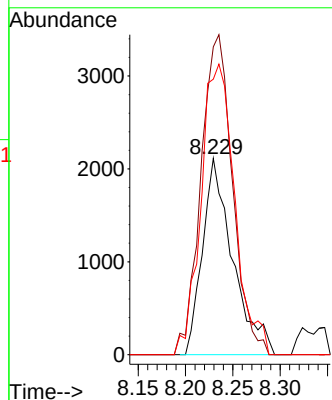
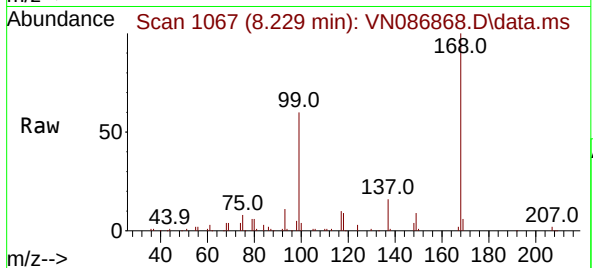




#31
Cyclohexane
Concen: 1.005 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.042 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

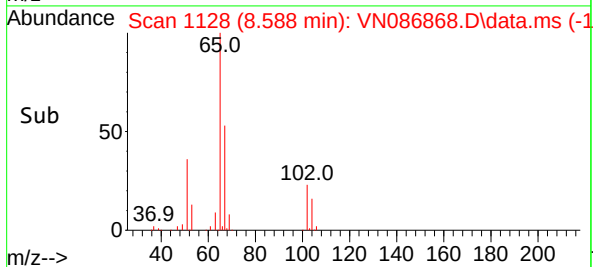
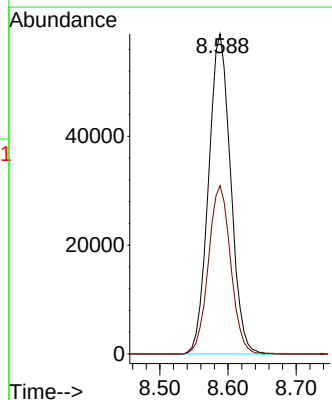
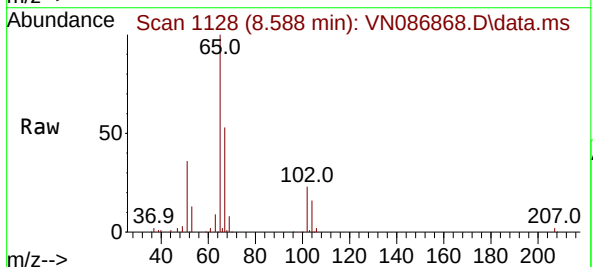
Instrument :
MSVOA_N
ClientSampleId :
IBLK

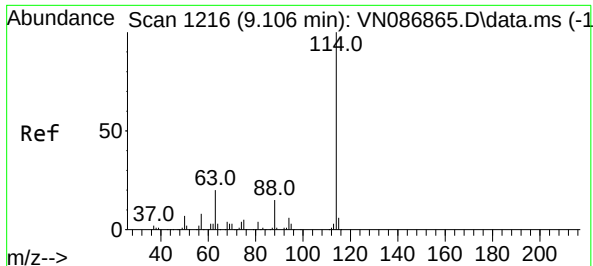
Tgt Ion: 56 Resp: 4686
Ion Ratio Lower Upper
56 100
69 156.9 25.4 38.0#
84 140.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 46.042 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 65 Resp: 132402
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6

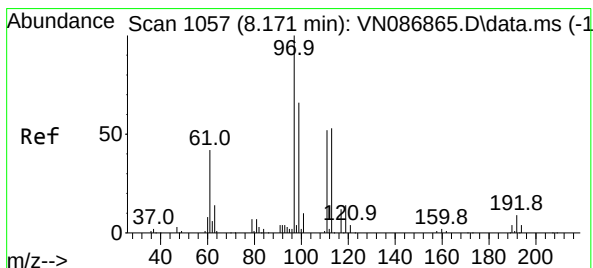
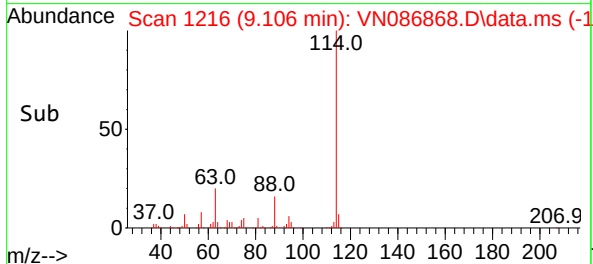
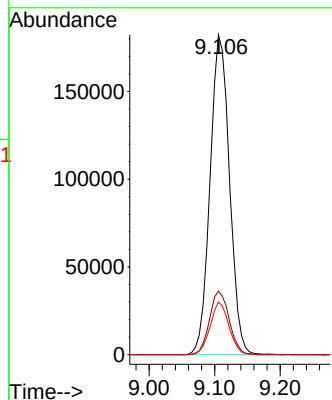
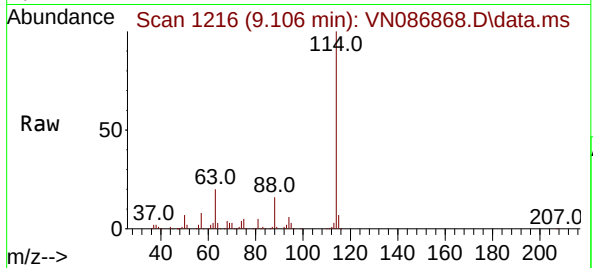




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

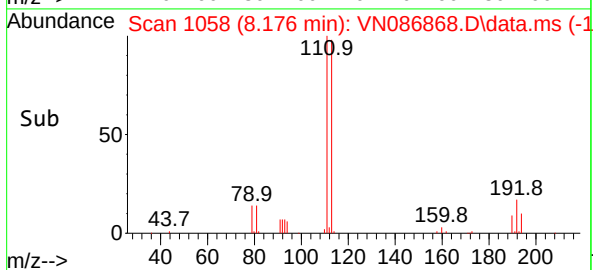
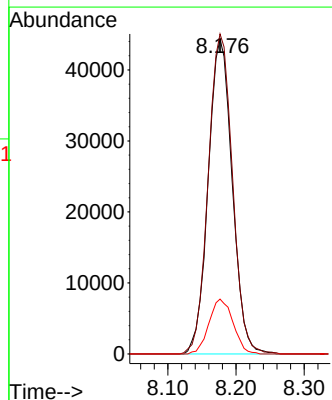
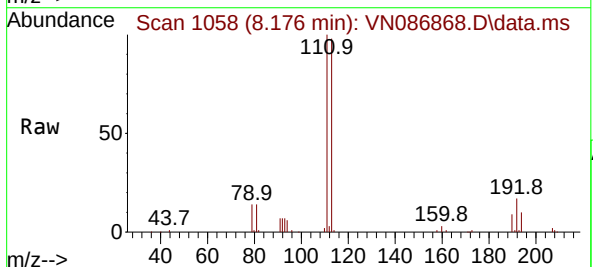
Instrument :
MSVOA_N
ClientSampleId :
IBLK

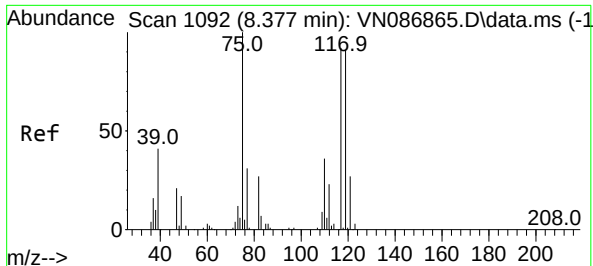
Tgt Ion:114 Resp: 375045
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.5 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.850 ug/l
RT: 8.176 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion:113 Resp: 108575
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 17.5 14.2 21.4





#36

1,1-Dichloropropene

Concen: 0.304 ug/l

RT: 8.382 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN086868.D

Acq: 06 Jun 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

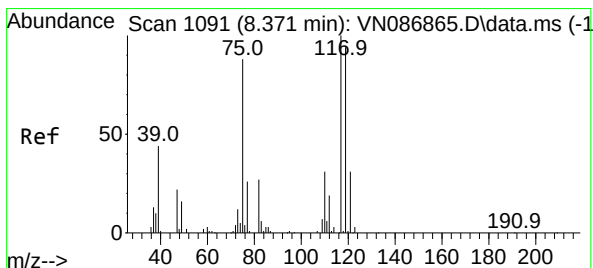
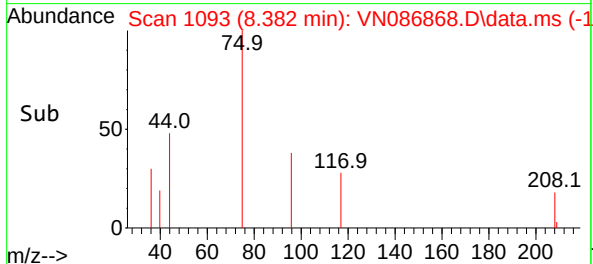
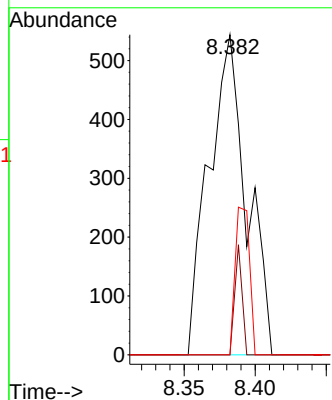
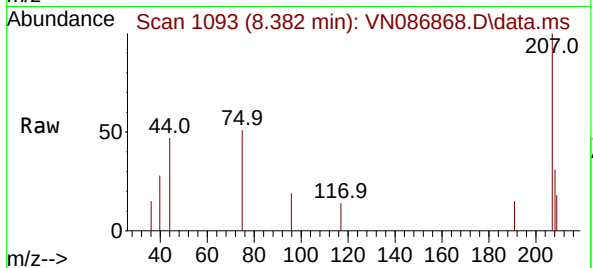
Tgt Ion: 75 Resp: 1008

Ion Ratio Lower Upper

75 100

110 6.5 17.6 52.9#

77 17.4 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.359 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN086868.D

Acq: 06 Jun 2025 15:12

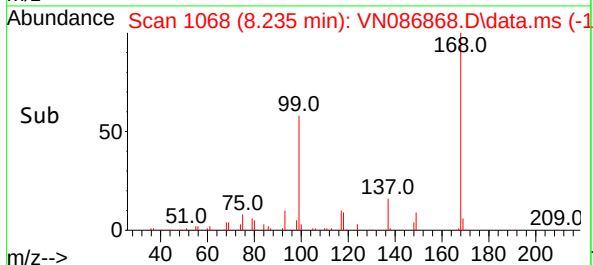
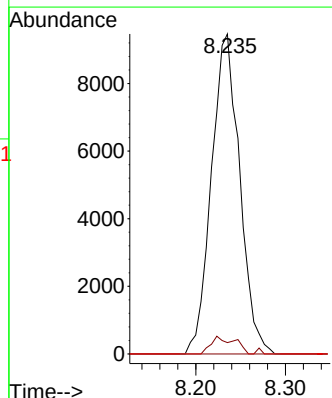
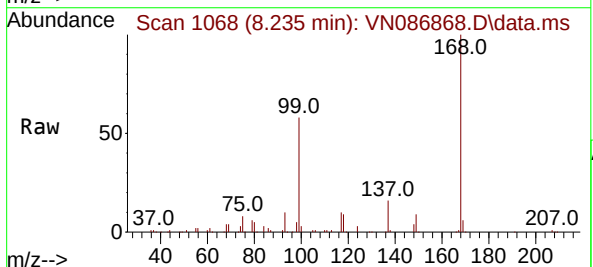
Tgt Ion: 117 Resp: 20677

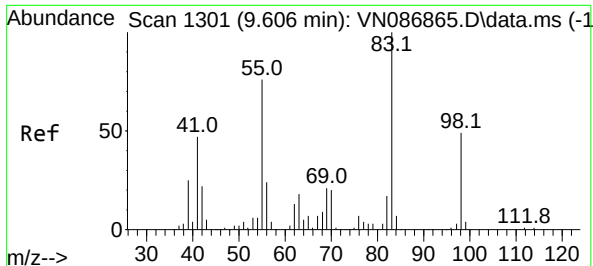
Ion Ratio Lower Upper

117 100

119 3.5 75.0 112.6#

121 0.0 24.9 37.3#





#39

Methylcyclohexane

Concen: 0.206 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086868.D

Acq: 06 Jun 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

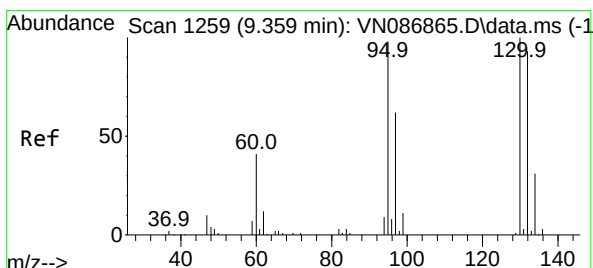
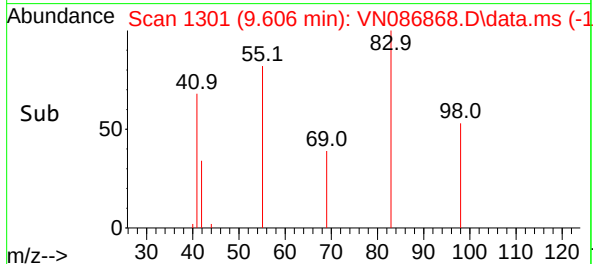
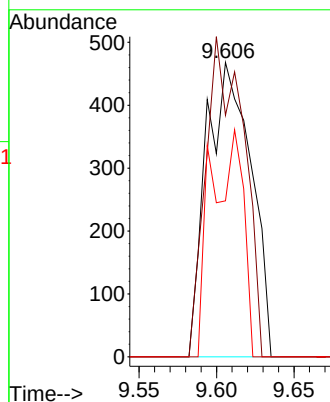
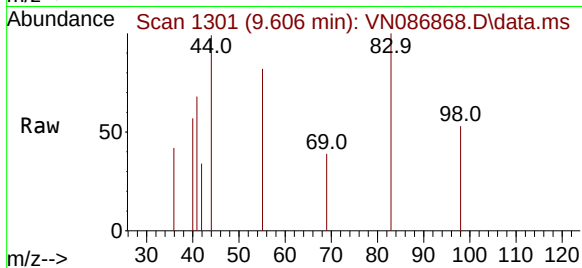
Tgt Ion: 83 Resp: 933

Ion Ratio Lower Upper

83 100

55 82.1 61.0 91.6

98 53.0 38.9 58.3



#44

Trichloroethene

Concen: 0.268 ug/l

RT: 9.365 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VN086868.D

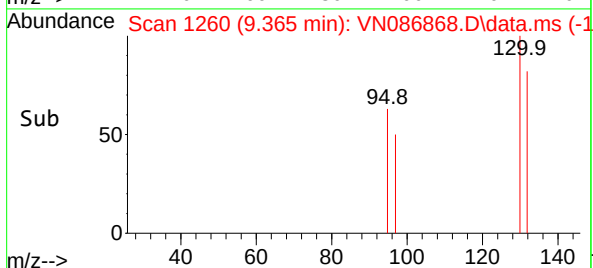
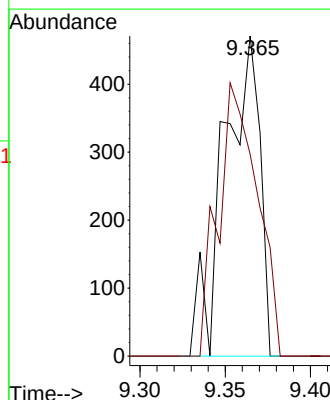
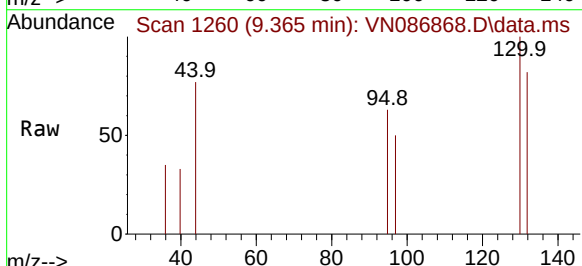
Acq: 06 Jun 2025 15:12

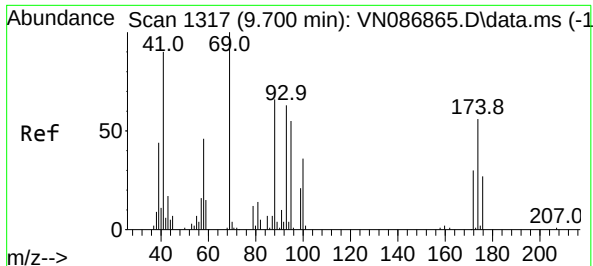
Tgt Ion:130 Resp: 689

Ion Ratio Lower Upper

130 100

95 63.1 0.0 196.2





#49

1,4-Dioxane

Concen: 1.253 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086868.D

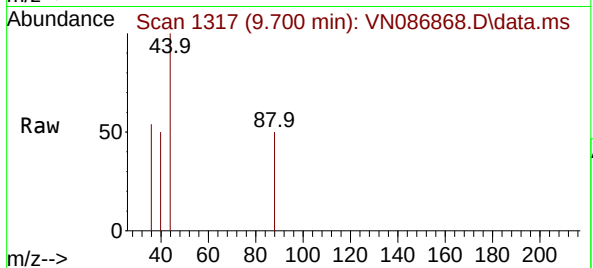
Acq: 06 Jun 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK



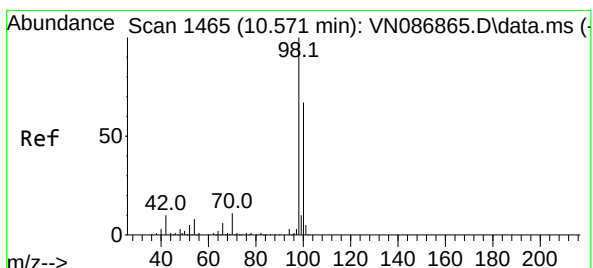
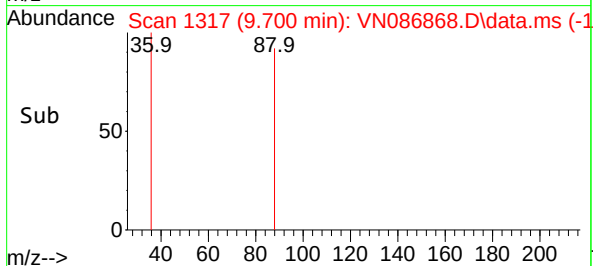
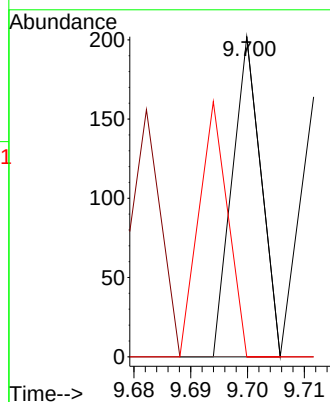
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 77.5 0.0 0.0#

58 80.3 57.7 86.5



#50

Toluene-d8

Concen: 50.817 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086868.D

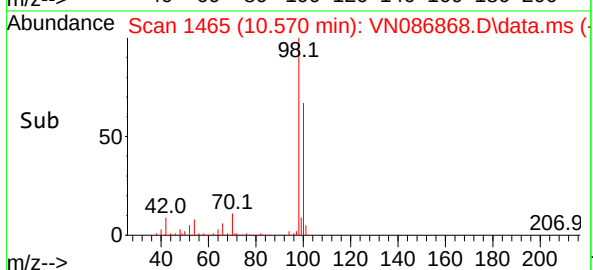
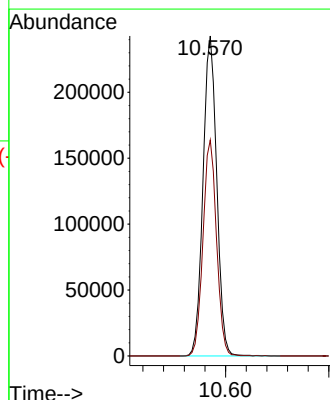
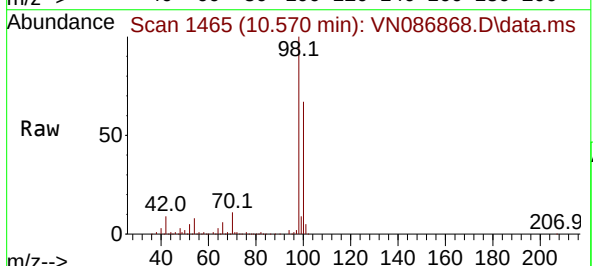
Acq: 06 Jun 2025 15:12

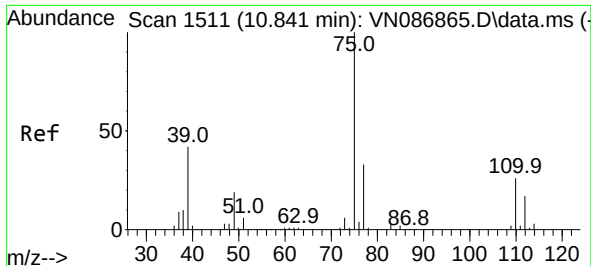
Tgt Ion: 98 Resp: 447123

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0

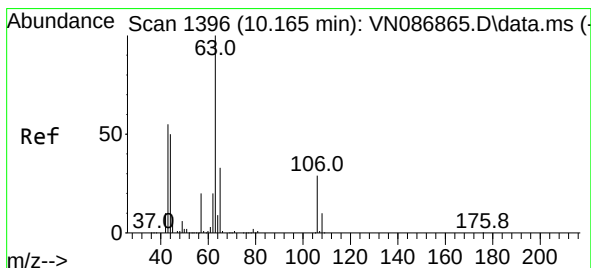
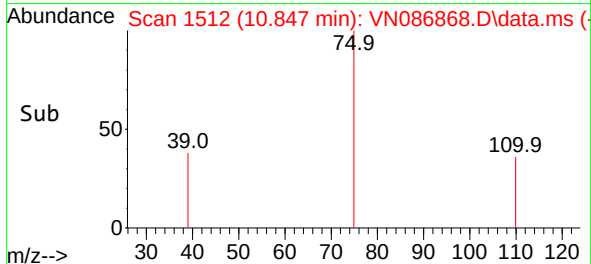
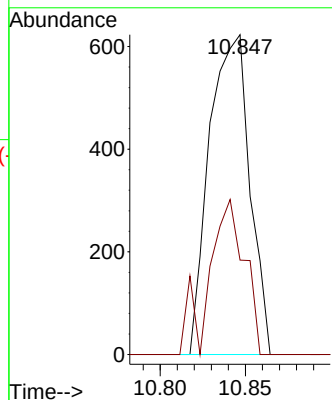
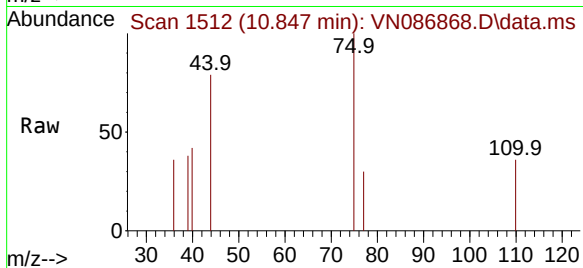




#53
t-1,3-Dichloropropene
Concen: 0.255 ug/l
RT: 10.847 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

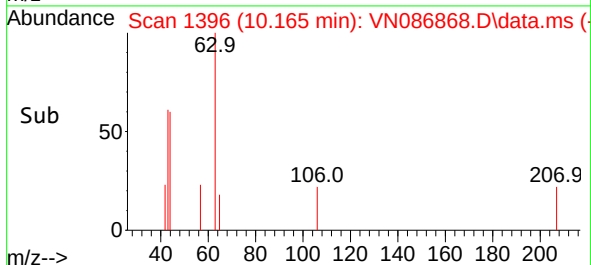
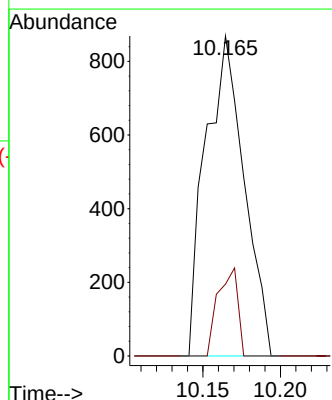
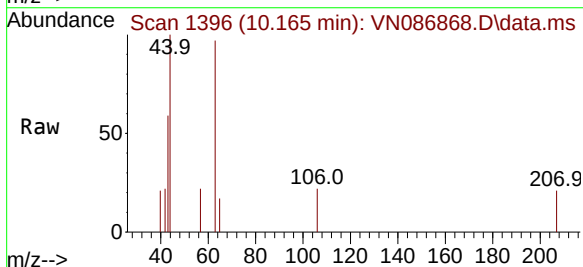
Instrument :
MSVOA_N
ClientSampleId :
IBLK

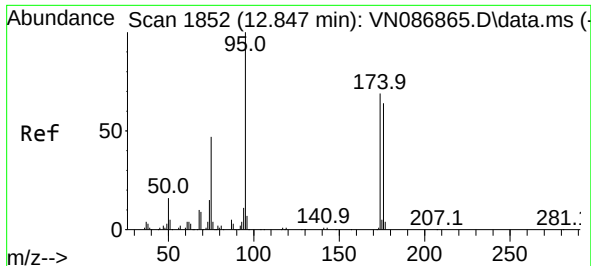
Tgt Ion: 75 Resp: 1025
Ion Ratio Lower Upper
75 100
77 29.5 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.621 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 63 Resp: 1503
Ion Ratio Lower Upper
63 100
106 14.1 23.0 34.6#

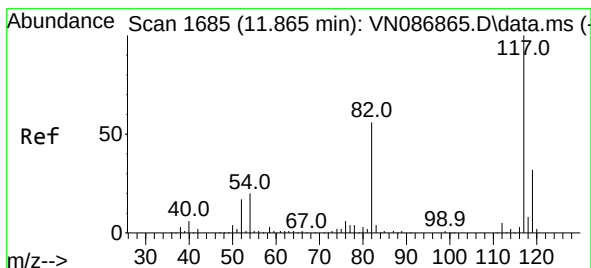
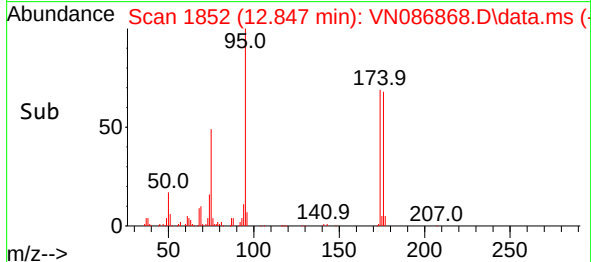
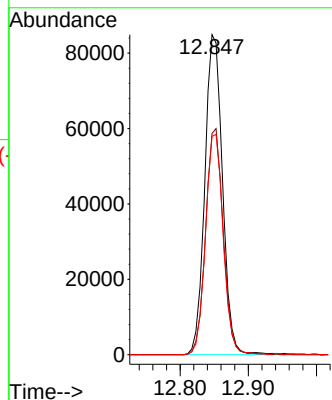
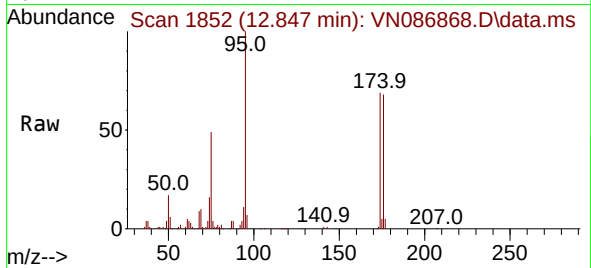




#62
4-Bromofluorobenzene
Concen: 46.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

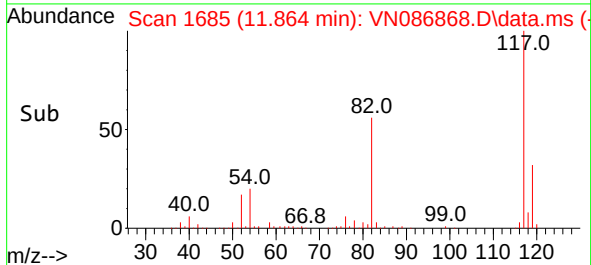
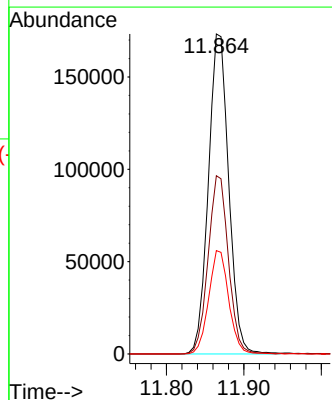
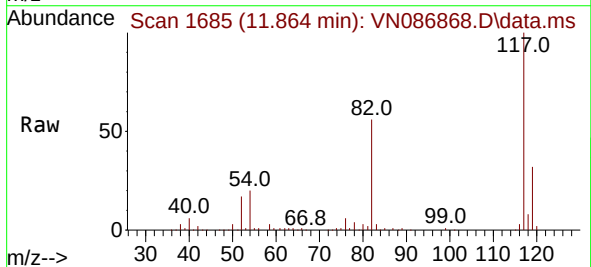
Instrument :
MSVOA_N
ClientSampleId :
IBLK

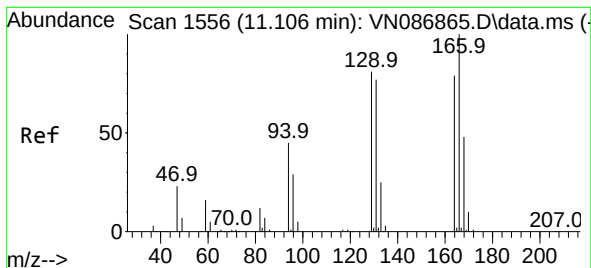
Tgt Ion: 95 Resp: 153053
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.8
176 69.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 117 Resp: 316573
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.3 25.5 38.3





#64

Tetrachloroethene

Concen: 0.288 ug/l

RT: 11.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086868.D

Acq: 06 Jun 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:164 Resp: 578

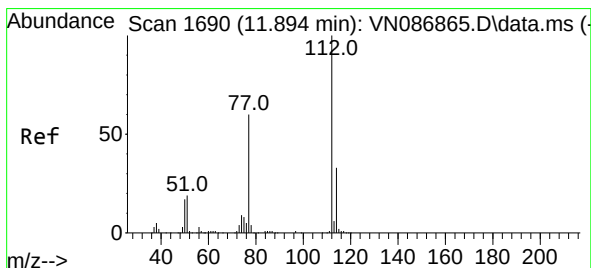
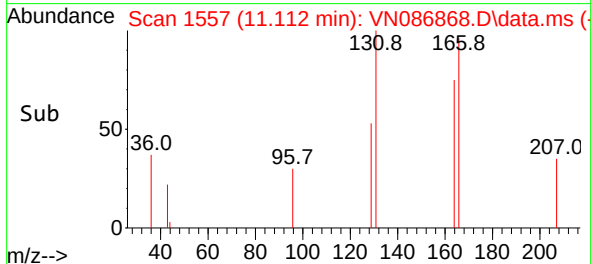
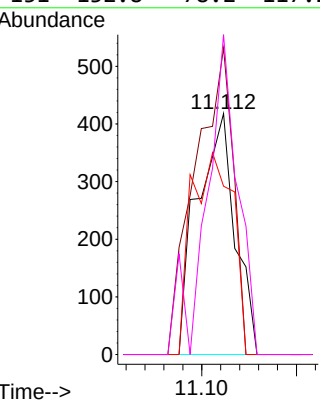
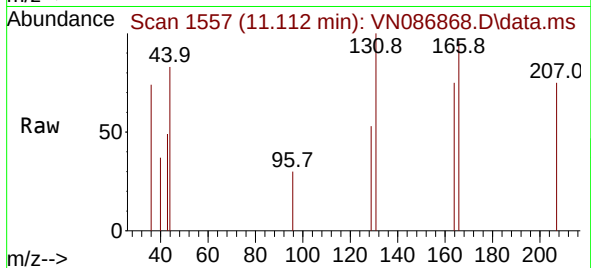
Ion Ratio Lower Upper

164 100

166 127.3 101.8 152.8

129 69.9 83.0 124.4#

131 132.8 78.2 117.2#



#65

Chlorobenzene

Concen: 0.205 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN086868.D

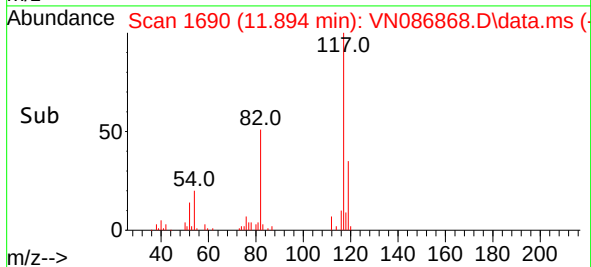
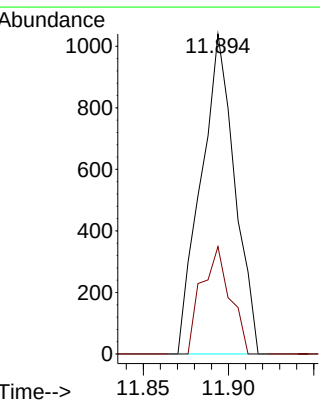
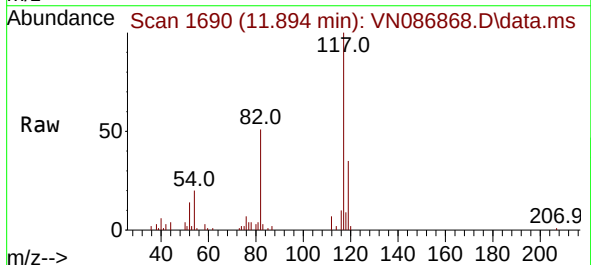
Acq: 06 Jun 2025 15:12

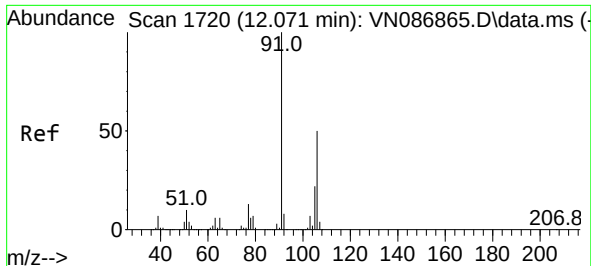
Tgt Ion:112 Resp: 1432

Ion Ratio Lower Upper

112 100

114 33.6 26.2 39.2

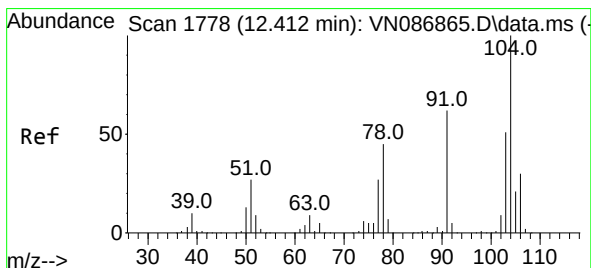
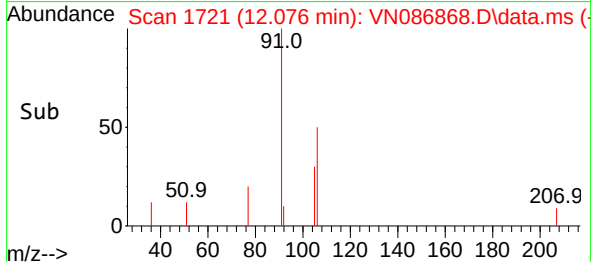
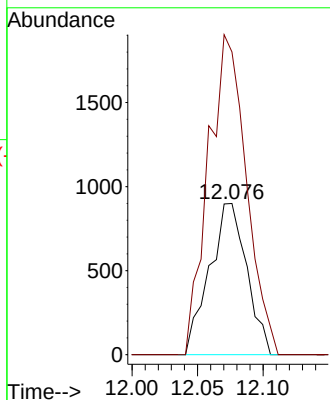
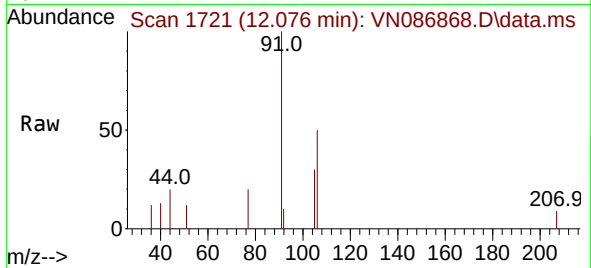




#68
m/p-Xylenes
Concen: 0.385 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

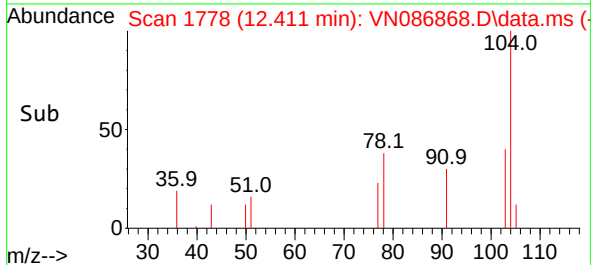
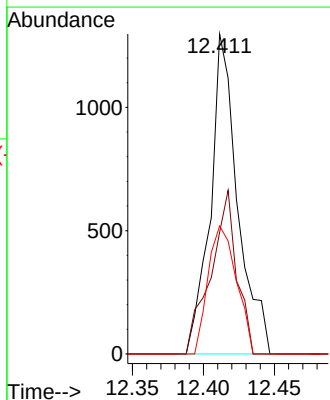
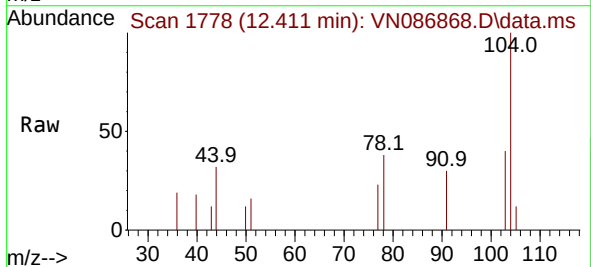
Instrument :
MSVOA_N
ClientSampleId :
IBLK

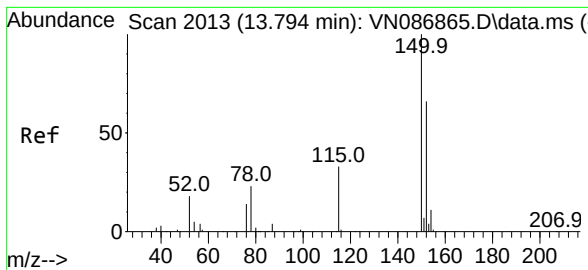
Tgt Ion:106 Resp: 1774
Ion Ratio Lower Upper
106 100
91 216.6 159.4 239.0



#70
Styrene
Concen: 0.230 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion:104 Resp: 1736
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 41.4 43.1 64.7#

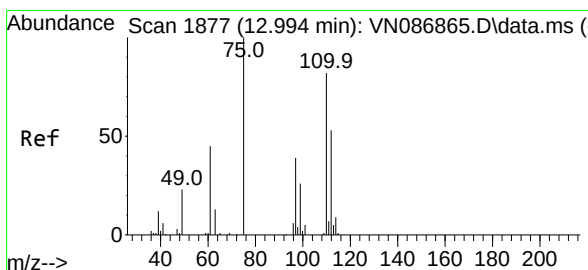
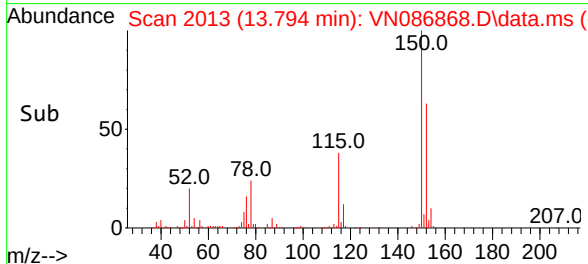
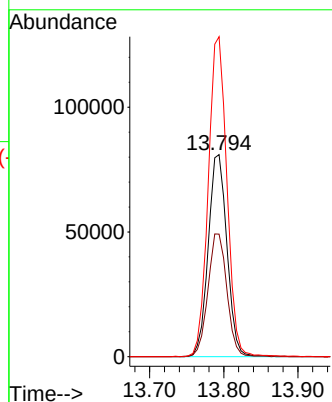
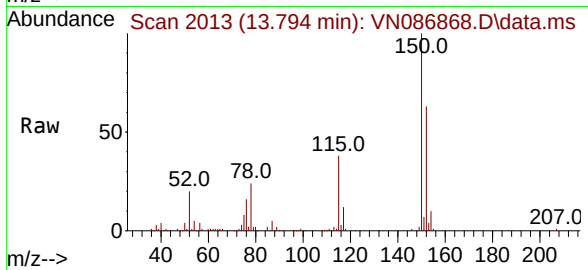




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

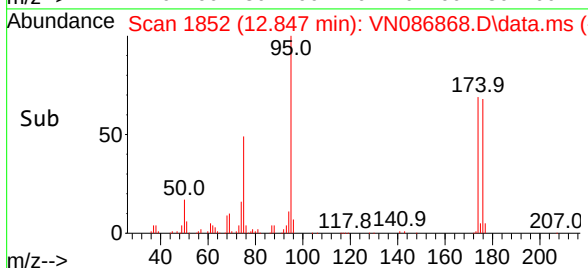
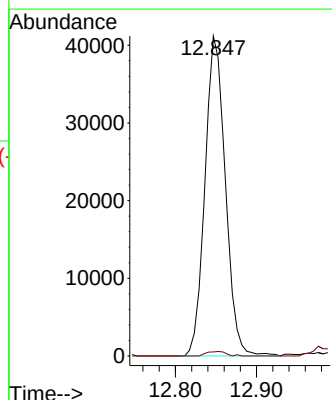
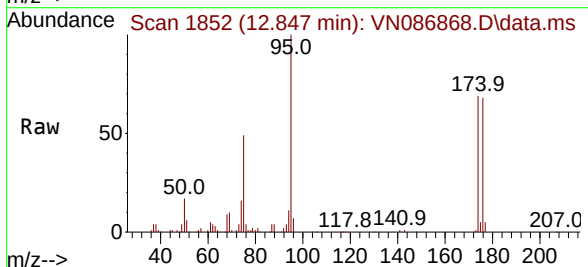
Instrument :
 MSVOA_N
 ClientSampleId :
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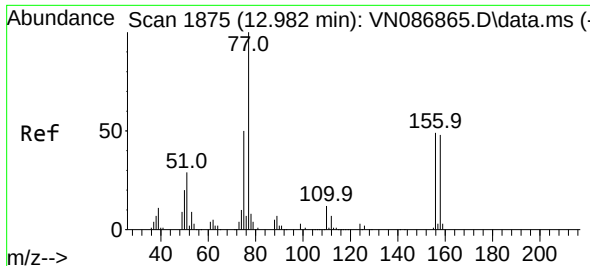
Tgt Ion:152 Resp: 142206
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.1 90.5
 150 157.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.287 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

Tgt Ion: 75 Resp: 71957
 Ion Ratio Lower Upper
 75 100
 77 1.4 79.3 237.9#

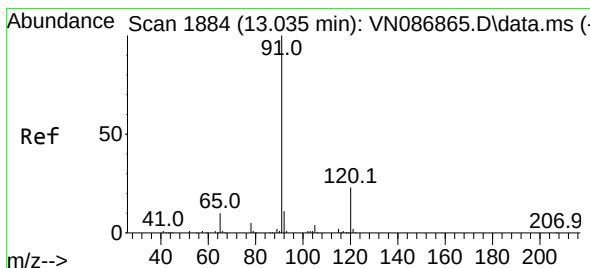
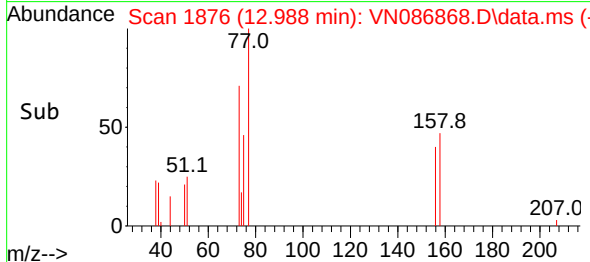
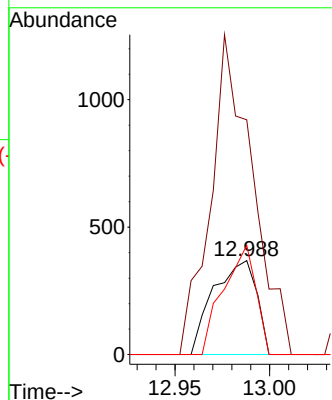
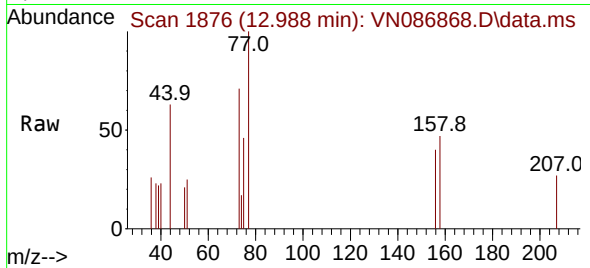




#77
Bromobenzene
Concen: 0.245 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

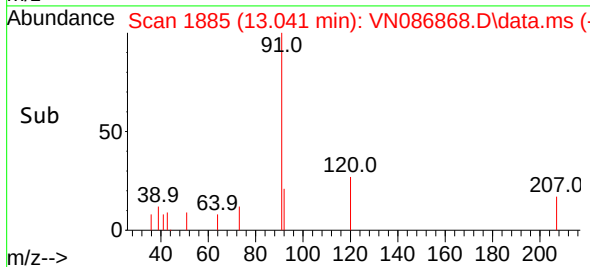
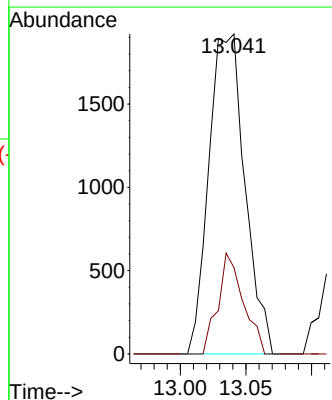
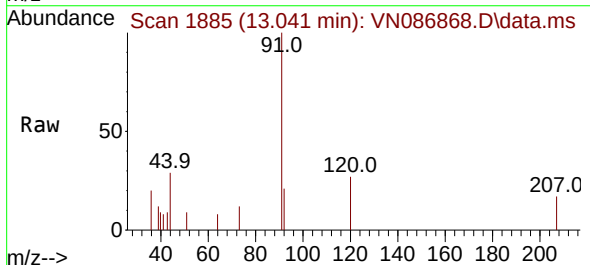
Instrument :
MSVOA_N
ClientSampleId :
IBLK

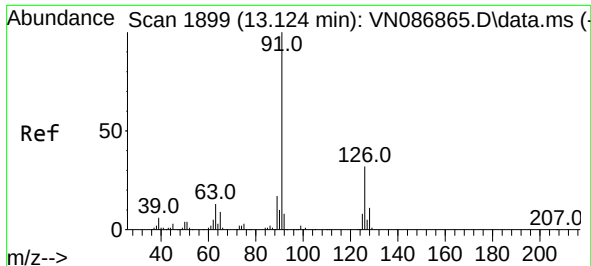
Tgt Ion:156 Resp: 583
Ion Ratio Lower Upper
156 100
77 330.9 117.7 353.1
158 87.8 48.1 144.4



#78
n-propylbenzene
Concen: 0.292 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 91 Resp: 3676
Ion Ratio Lower Upper
91 100
120 22.1 11.4 34.2

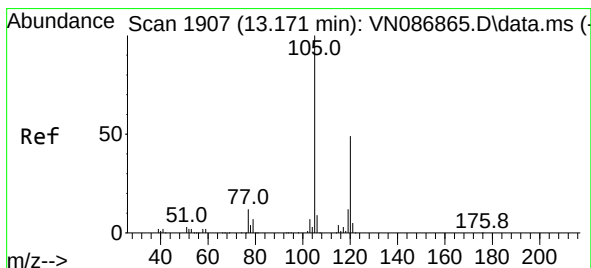
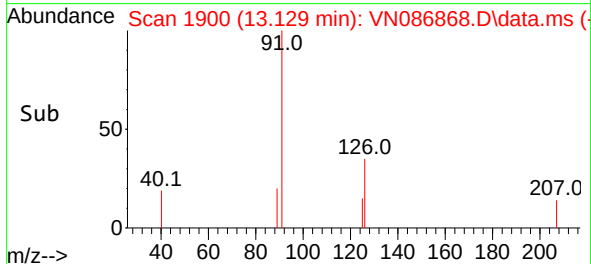
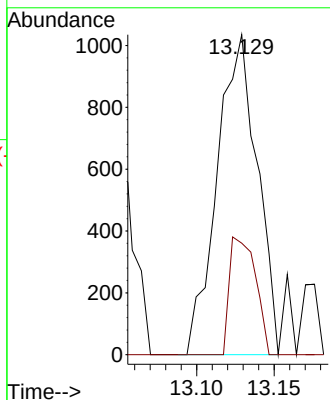
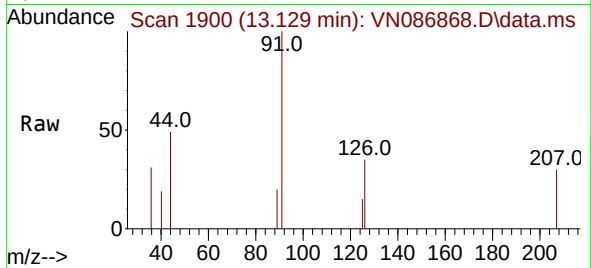




#79
2-Chlorotoluene
Concen: 0.246 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

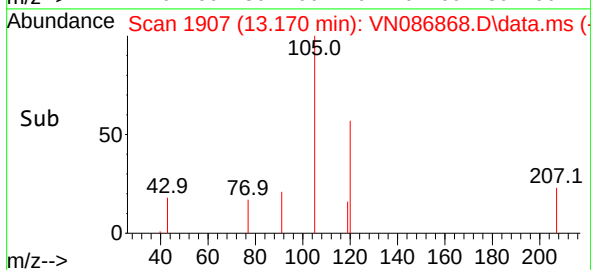
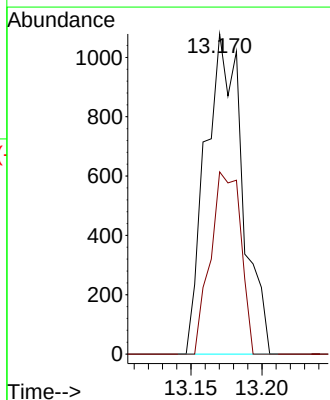
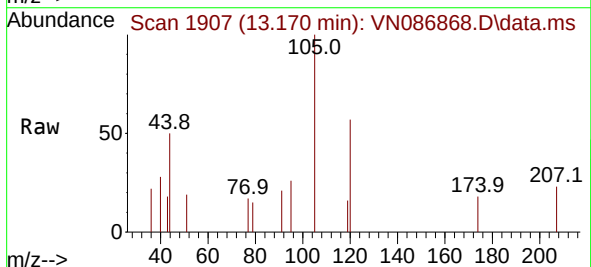
Instrument :
MSVOA_N
ClientSampleId :
IBLK

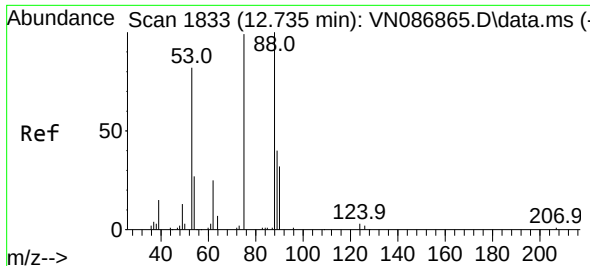
Tgt Ion: 91 Resp: 1860
Ion Ratio Lower Upper
91 100
126 23.9 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 0.227 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 105 Resp: 1945
Ion Ratio Lower Upper
105 100
120 46.7 24.9 74.6

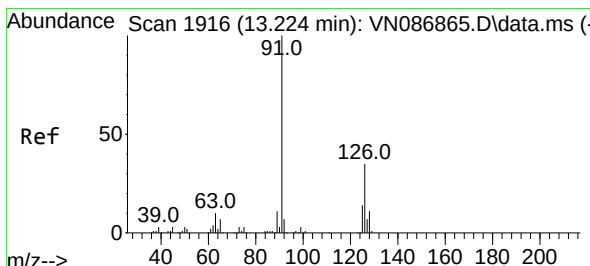
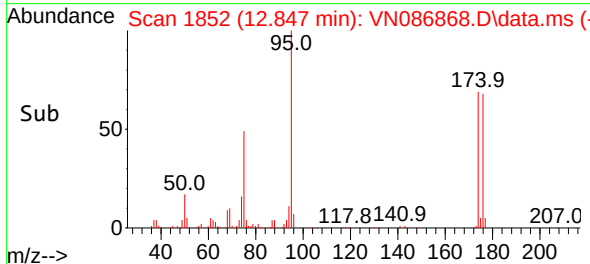
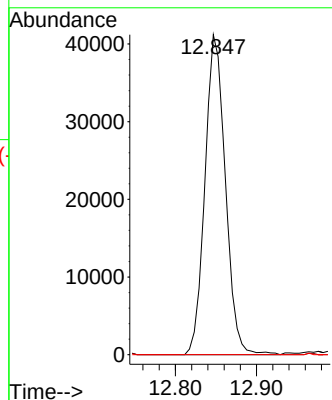
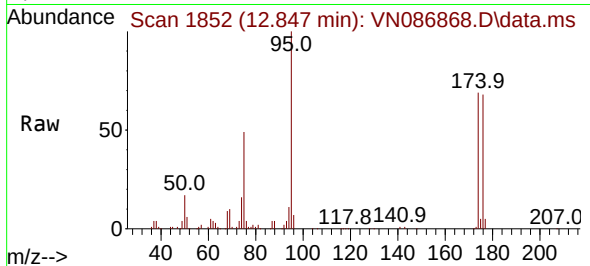




#81
trans-1,4-Dichloro-2-butene
Concen: 49.002 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

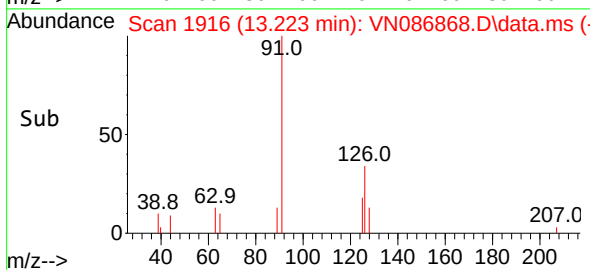
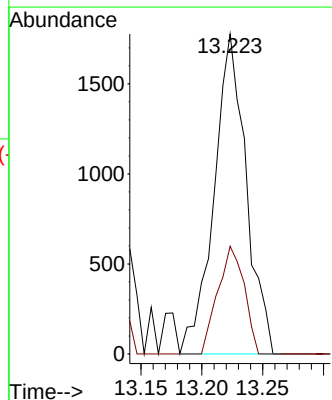
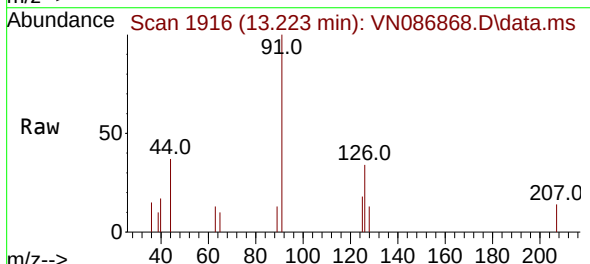
Instrument :
MSVOA_N
ClientSampleId :
IBLK

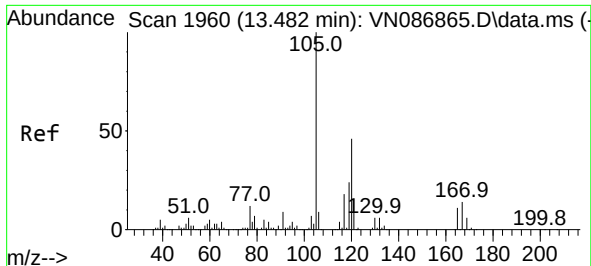
Tgt Ion: 75 Resp: 71957
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#



#82
4-Chlorotoluene
Concen: 0.428 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 91 Resp: 3267
Ion Ratio Lower Upper
91 100
126 27.6 16.7 50.1

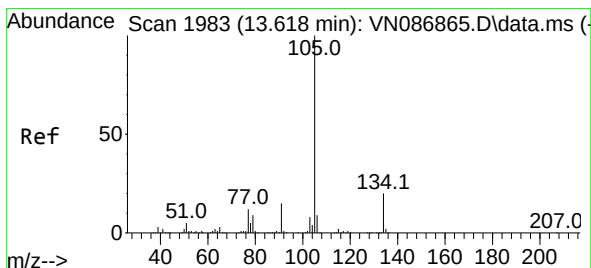
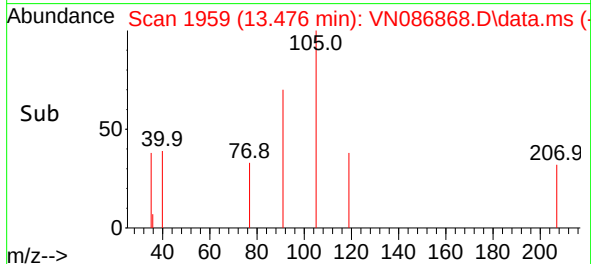
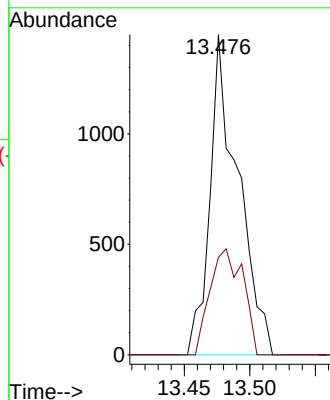
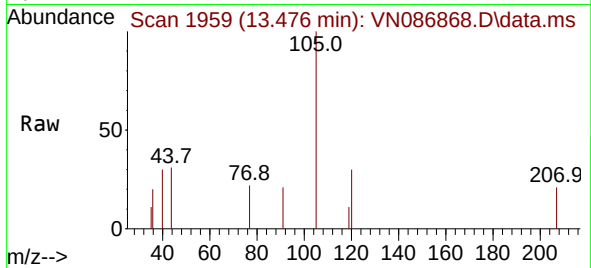




#84
1,2,4-Trimethylbenzene
Concen: 0.252 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

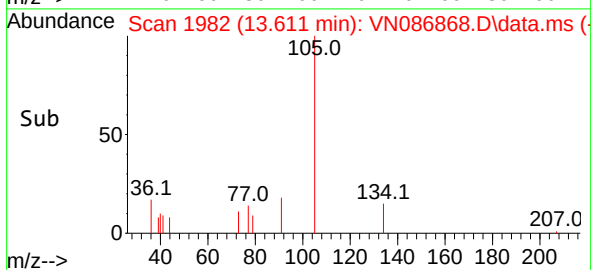
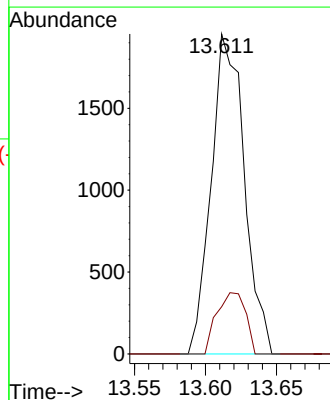
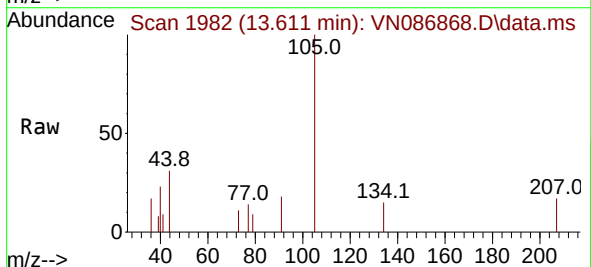
Instrument :
MSVOA_N
ClientSampleId :
IBLK

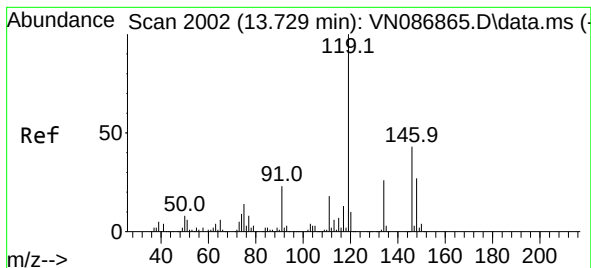
Tgt Ion:105 Resp: 2163
Ion Ratio Lower Upper
105 100
120 38.8 23.2 69.6



#85
sec-Butylbenzene
Concen: 0.278 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion:105 Resp: 3162
Ion Ratio Lower Upper
105 100
134 16.6 10.0 30.0





#86

p-Isopropyltoluene

Concen: 0.291 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086868.D

Acq: 06 Jun 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

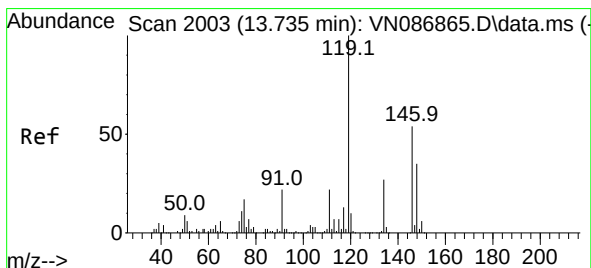
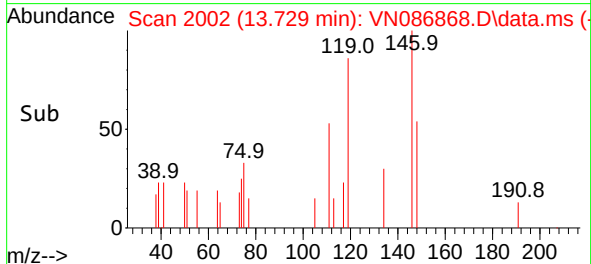
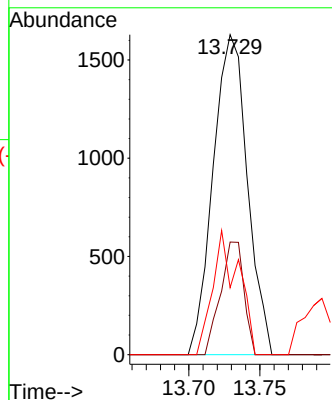
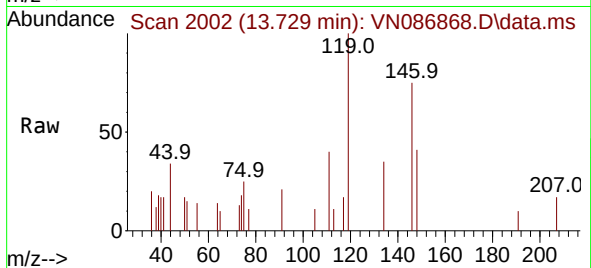
Tgt Ion:119 Resp: 2734

Ion Ratio Lower Upper

119 100

134 24.0 13.5 40.4

91 29.3 11.5 34.4



#87

1,3-Dichlorobenzene

Concen: 0.516 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN086868.D

Acq: 06 Jun 2025 15:12

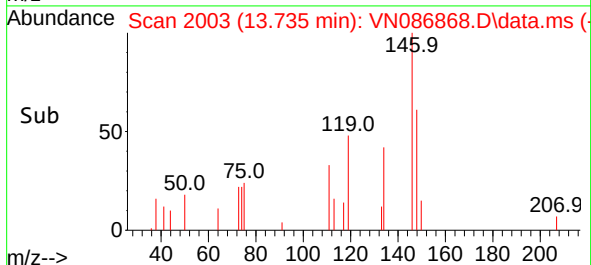
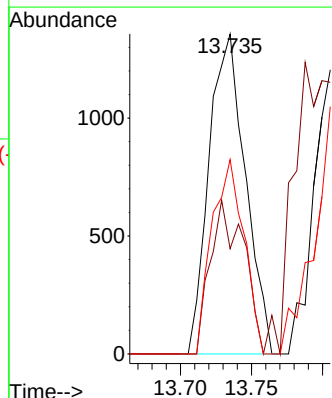
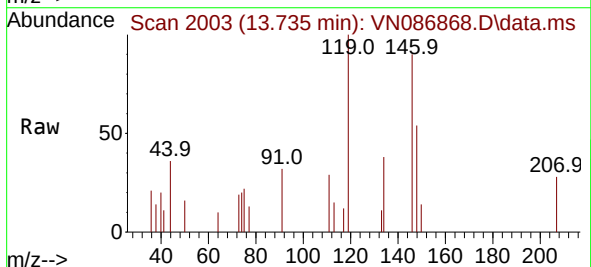
Tgt Ion:146 Resp: 2413

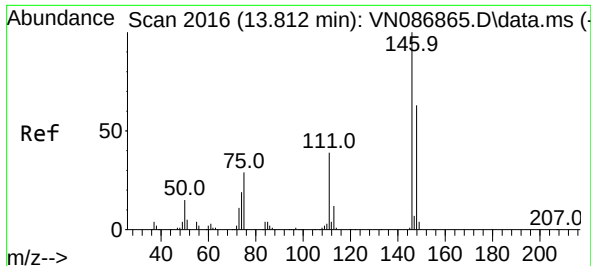
Ion Ratio Lower Upper

146 100

111 44.2 20.9 62.8

148 53.6 32.0 96.2

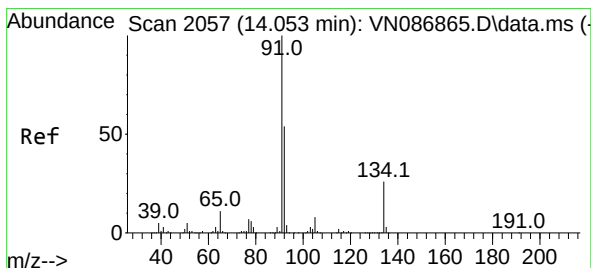
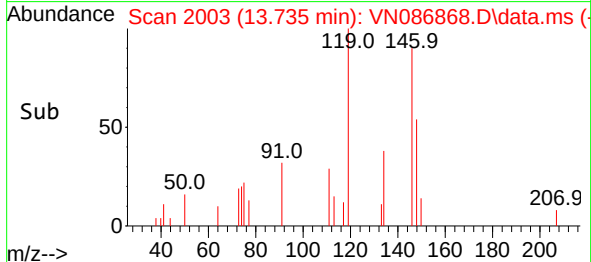
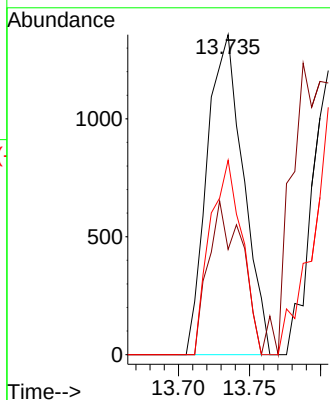
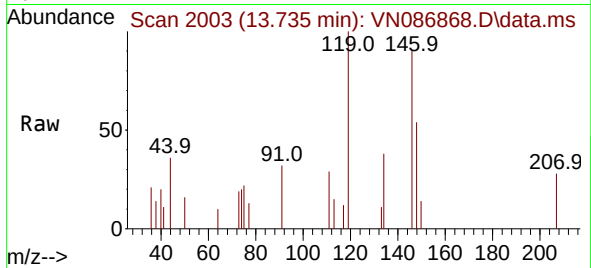




#88
1,4-Dichlorobenzene
Concen: 0.506 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

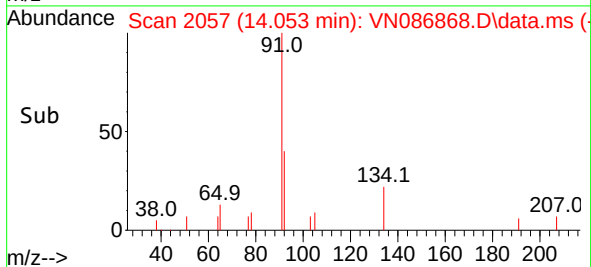
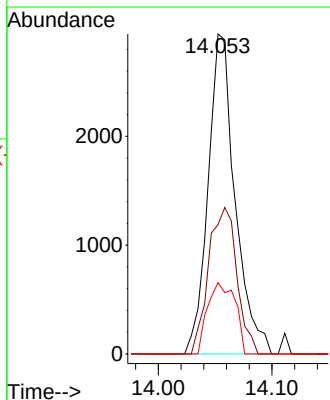
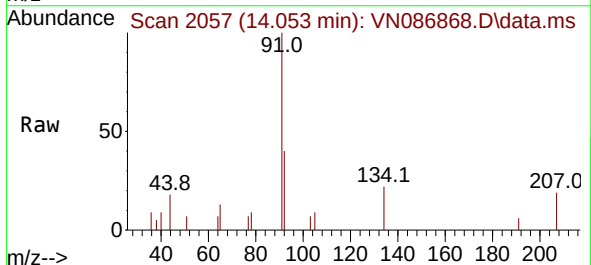
Instrument :
MSVOA_N
ClientSampleId :
IBLK

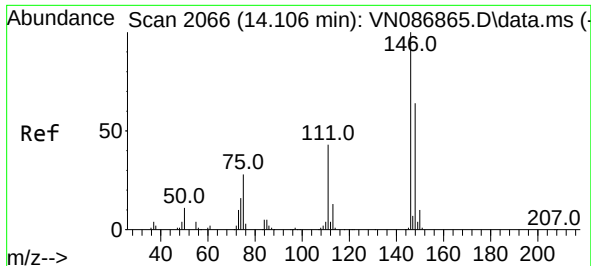
Tgt Ion:146 Resp: 2413
Ion Ratio Lower Upper
146 100
111 44.2 19.9 59.7
148 53.6 31.8 95.4



#89
n-Butylbenzene
Concen: 0.534 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 91 Resp: 4862
Ion Ratio Lower Upper
91 100
92 48.0 27.5 82.4
134 22.6 13.0 39.0

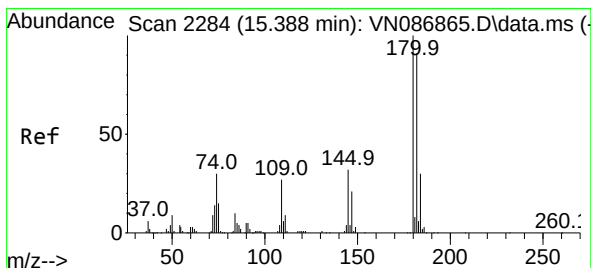
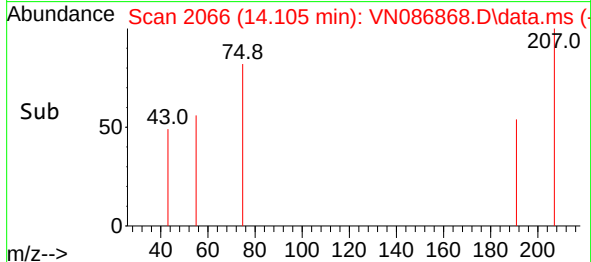
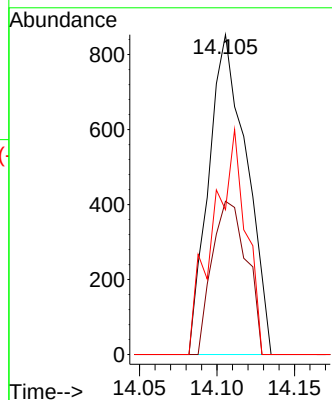
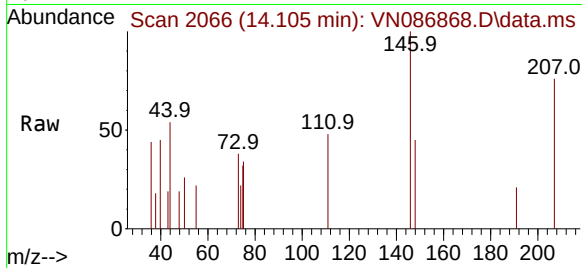




#91
 1,2-Dichlorobenzene
 Concen: 0.323 ug/l
 RT: 14.105 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

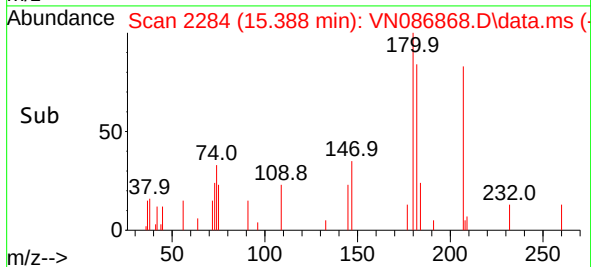
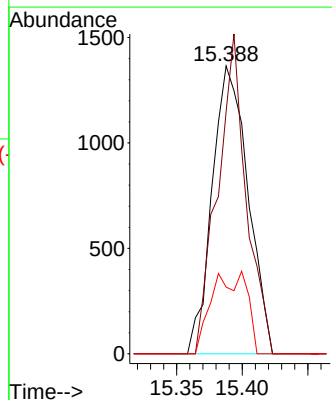
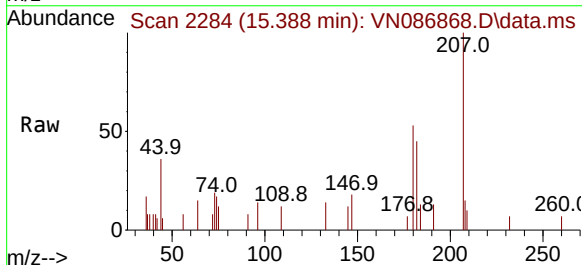
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

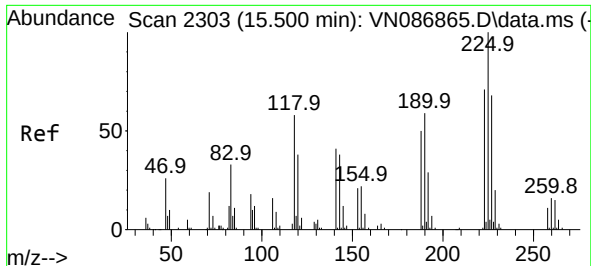
Tgt Ion:146	Resp:	1451
Ion	Ratio	Lower Upper
146	100	
111	43.8	21.6 64.6
148	61.2	31.7 95.1



#93
 1,2,4-Trichlorobenzene
 Concen: 0.904 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

Tgt Ion:180	Resp:	2593
Ion	Ratio	Lower Upper
180	100	
182	88.5	46.9 140.7
145	27.9	16.0 47.9

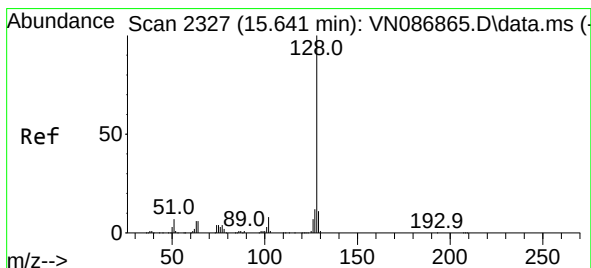
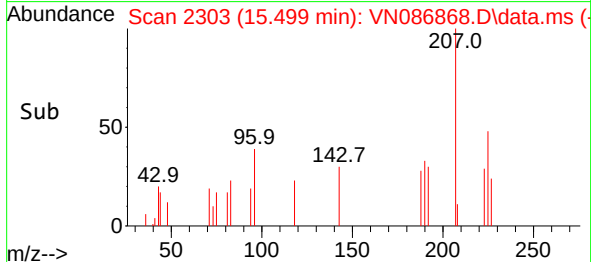
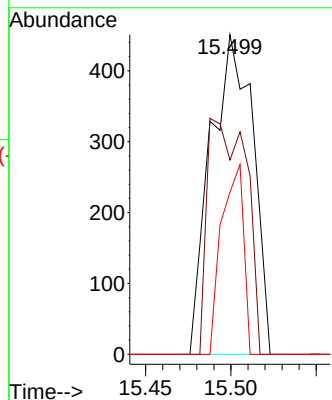
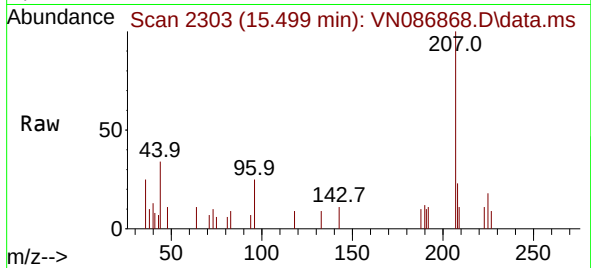




#94
Hexachlorobutadiene
Concen: 0.727 ug/l
RT: 15.499 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

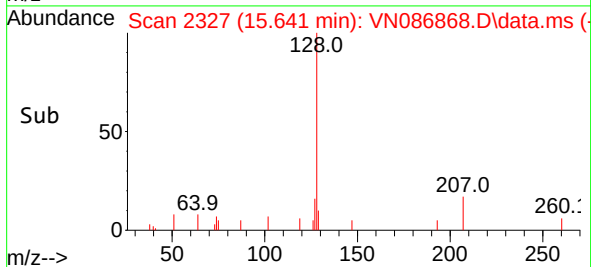
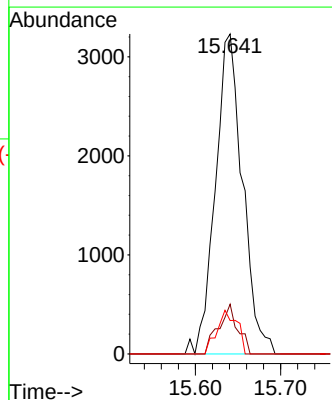
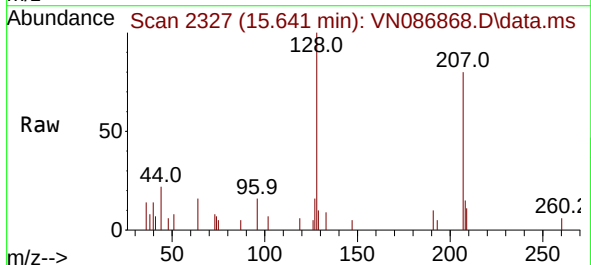
Instrument :
MSVOA_N
ClientSampleId :
IBLK

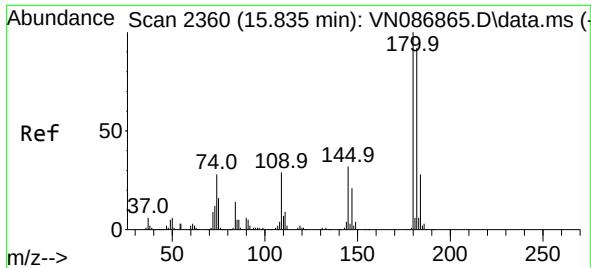
Tgt Ion:225 Resp: 777
Ion Ratio Lower Upper
225 100
223 68.1 33.5 100.4
227 30.9 31.1 93.5#



#95
Naphthalene
Concen: 0.670 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

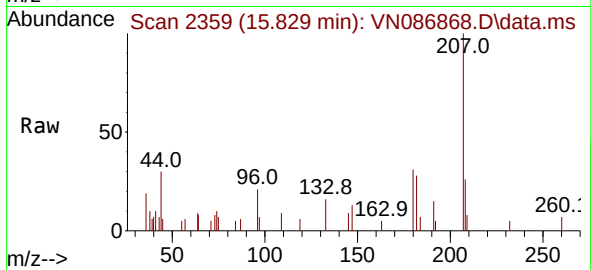
Tgt Ion:128 Resp: 7155
Ion Ratio Lower Upper
128 100
127 11.1 10.2 15.2
129 10.1 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.659 ug/l
 RT: 15.829 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN086868.D
 Acq: 06 Jun 2025 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	1879
Ion	Ratio	Lower	Upper
180	100		
182	101.3	47.0	141.0
145	27.0	16.6	49.8

