

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084836.D
 Acq On : 13 Nov 2024 19:11
 Operator : JC\MD
 Sample : P4792-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:41:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	178276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138859	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120297	46.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.440%
35) Dibromofluoromethane	8.159	113	98492	48.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.565	98	344037	46.276	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.847	95	150373	54.120	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.240%

Target Compounds			Qvalue			
3) Chloromethane	2.353	50	932	Below Cal	#	41
5) Bromomethane	2.895	94	322	0.276	ug/l #	56
6) Chloroethane	2.977	64	573	Below Cal	#	45
11) Tert butyl alcohol	5.536	59	15373	45.231	ug/l #	78
13) Acrolein	4.165	56	215	0.634	ug/l #	14
16) Acetone	4.430	43	22727	28.023	ug/l	91
17) Carbon Disulfide	4.700	76	3088	0.494	ug/l #	74
18) Methyl Acetate	5.024	43	2223	Below Cal	#	73
25) 2-Butanone	7.488	43	3624	3.017	ug/l	92
31) Cyclohexane	8.224	56	4087	1.150	ug/l #	4
36) 1,1-Dichloropropene	8.218	75	13827	4.940	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19169	6.127	ug/l #	17
39) Methylcyclohexane	9.594	83	1278	0.449	ug/l	95
40) Benzene	8.600	78	3233	0.360	ug/l #	87
43) Isopropyl Acetate	8.682	43	3578	Below Cal	#	56
48) Methyl methacrylate	9.647	41	2692	1.362	ug/l #	43
52) Toluene	10.624	92	18883	3.592	ug/l	97
55) 1,1,2-Trichloroethane	11.000	97	863	0.436	ug/l #	15
59) 2-Hexanone	11.206	43	556	0.316	ug/l #	24
67) Ethyl Benzene	11.959	91	21639	2.114	ug/l	98
68) m/p-Xylenes	12.065	106	27982	7.219	ug/l	97
69) o-Xylene	12.394	106	15648	4.316	ug/l	92
70) Styrene	12.406	104	1827	0.289	ug/l #	1
73) Isopropylbenzene	12.688	105	5321	0.547	ug/l	98
74) N-amyl acetate	12.482	43	2760	0.666	ug/l #	65
76) 1,2,3-Trichloropropane	12.847	75	75588	27.232	ug/l #	1
78) n-propylbenzene	13.035	91	12830	1.125	ug/l	97
79) 2-Chlorotoluene	13.094	91	4486	0.602	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	14970	1.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	75588	64.605	ug/l #	11
83) tert-Butylbenzene	13.476	119	7889	1.182	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.482	105	61921	7.439	ug/l	100
85) sec-Butylbenzene	13.617	105	4438	0.471	ug/l	89
86) p-Isopropyltoluene	13.729	119	3524	0.456	ug/l	89
88) 1,4-Dichlorobenzene	13.800	146	56	Below Cal	#	1
89) n-Butylbenzene	14.053	91	4187	0.579	ug/l #	79

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

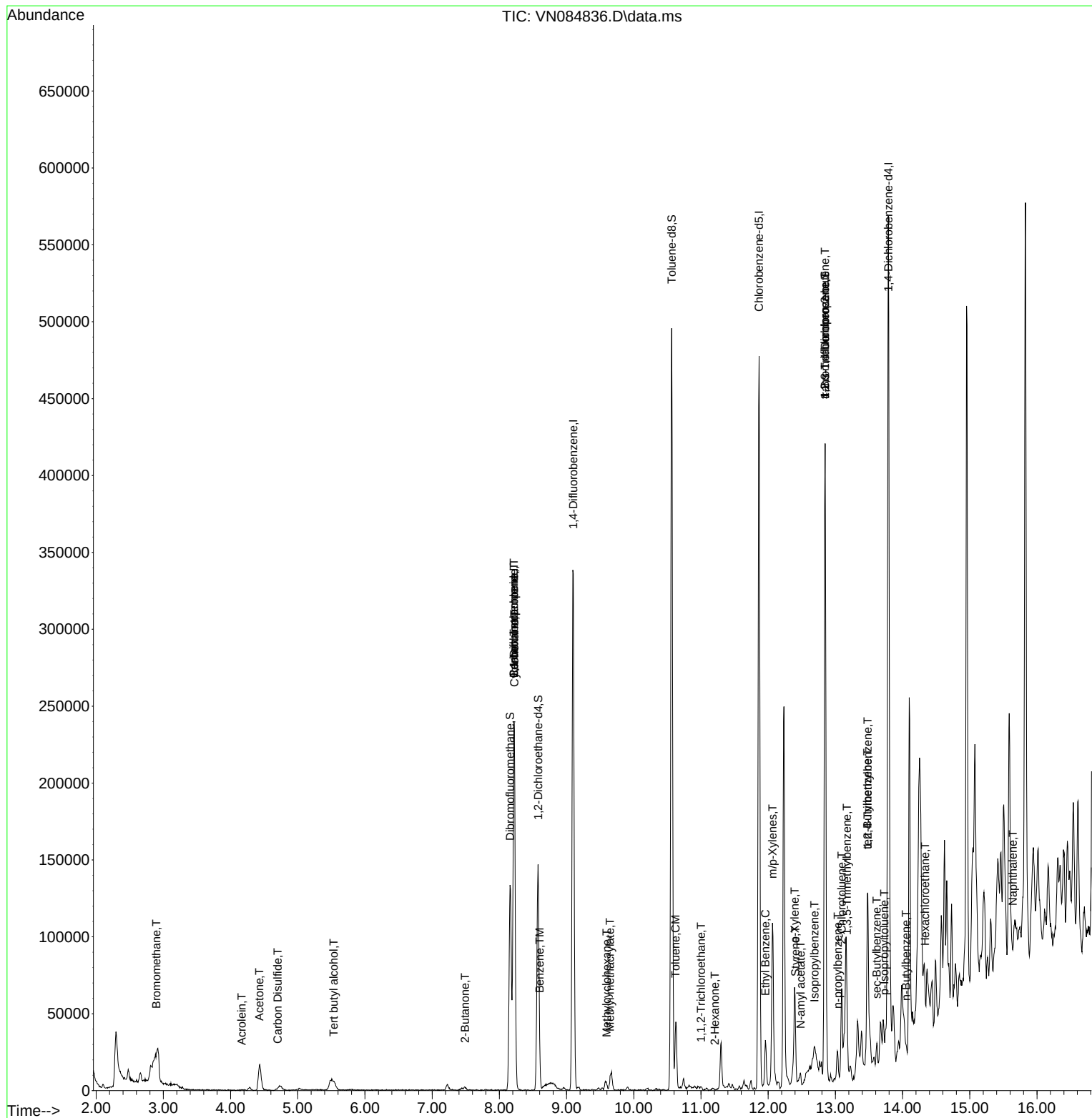
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.335	117	1555	0.902	ug/l #	15
95) Naphthalene	15.641	128	10569	1.315	ug/l #	91

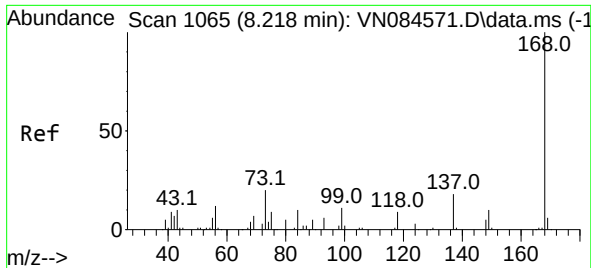
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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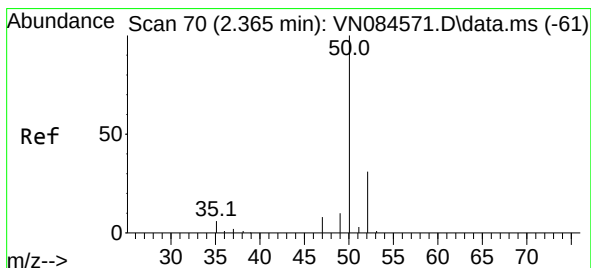
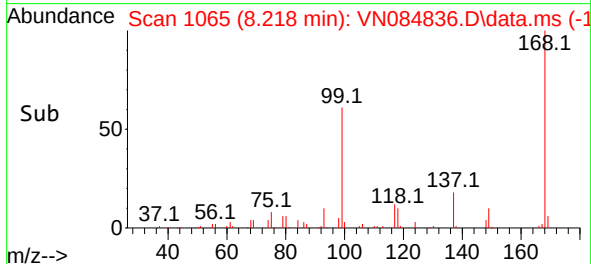
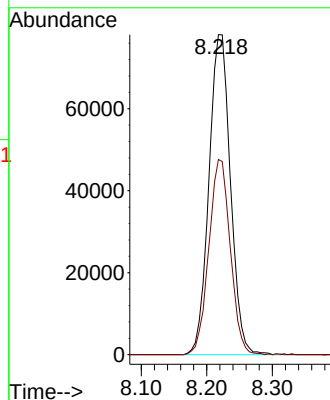
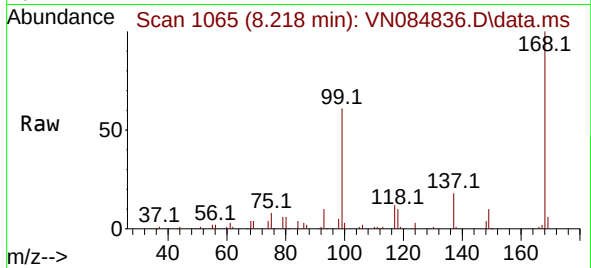




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

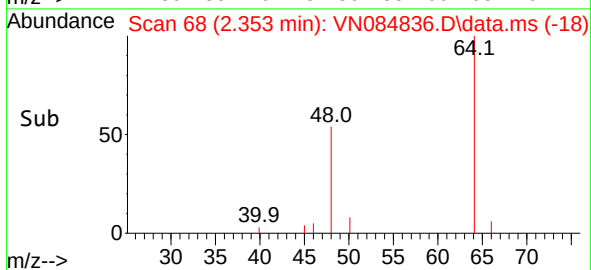
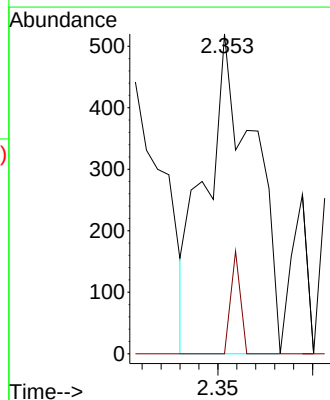
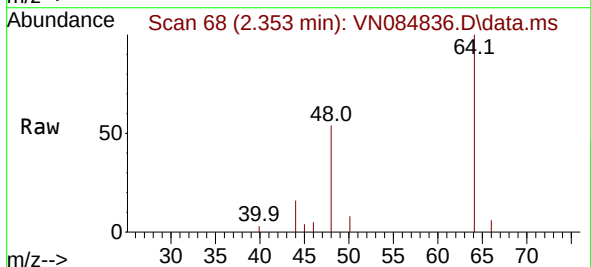
Instrument :
MSVOA_N
ClientSampleId :

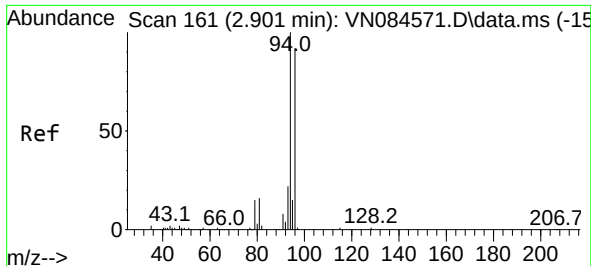
Tgt Ion:168 Resp: 178276
Ion Ratio Lower Upper
168 100
99 61.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 50 Resp: 932
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

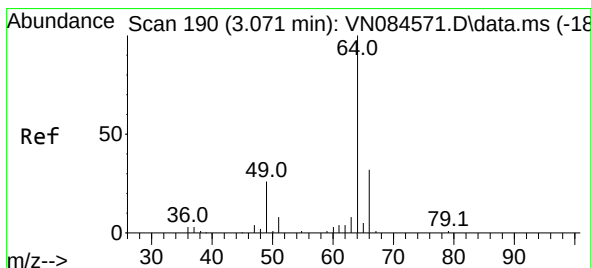
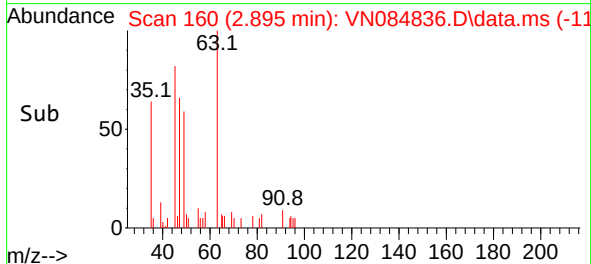
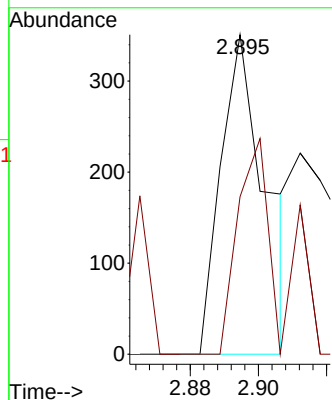
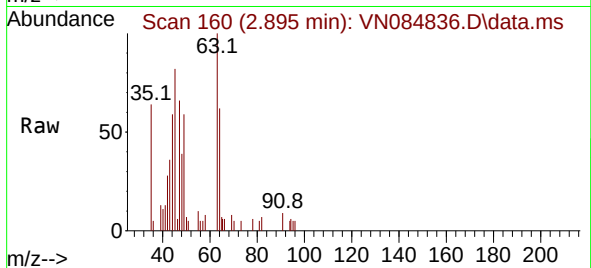




#5
Bromomethane
Concen: 0.276 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.058 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

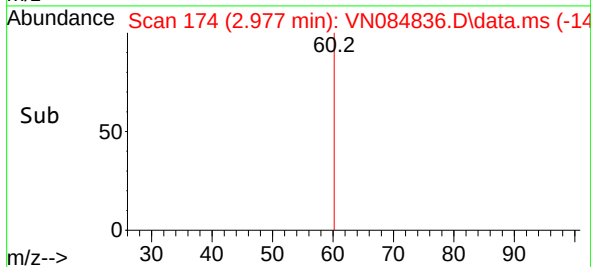
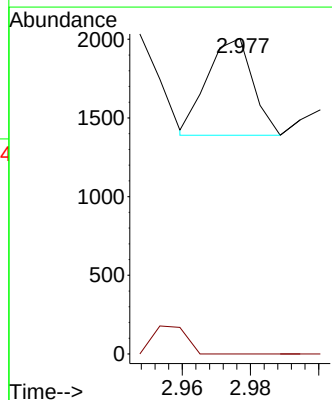
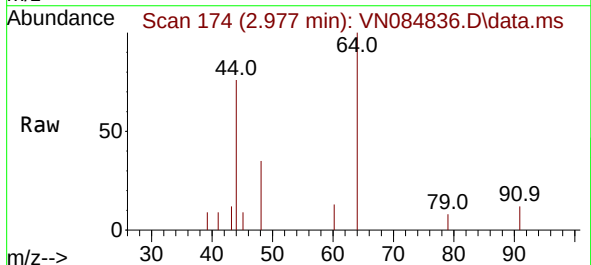
Instrument :
MSVOA_N
ClientSampleId :

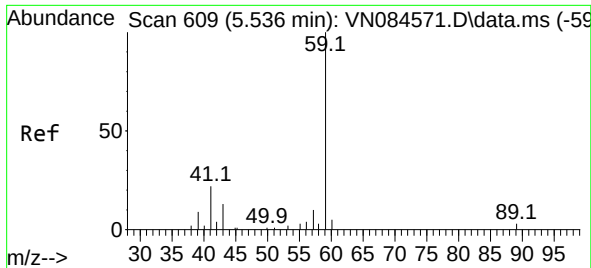
Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 49.3 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.977 min Scan# 174
Delta R.T. -0.141 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 64 Resp: 573
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

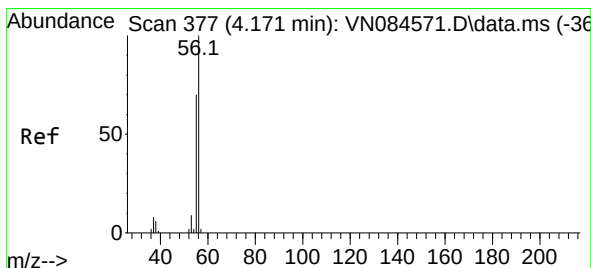
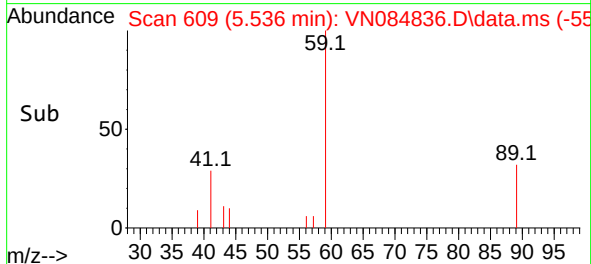
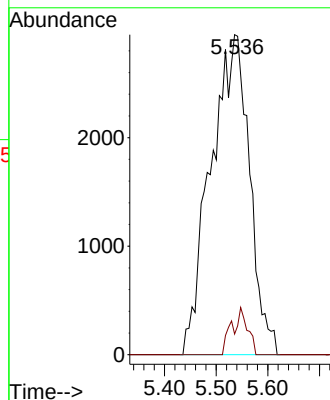
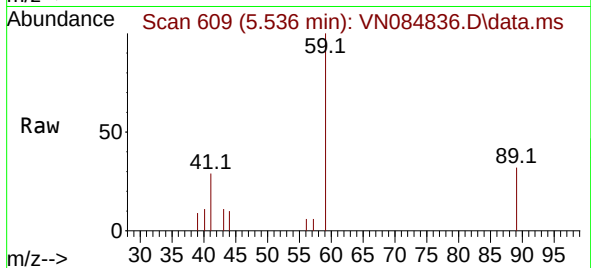




#11
Tert butyl alcohol
Concen: 45.231 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

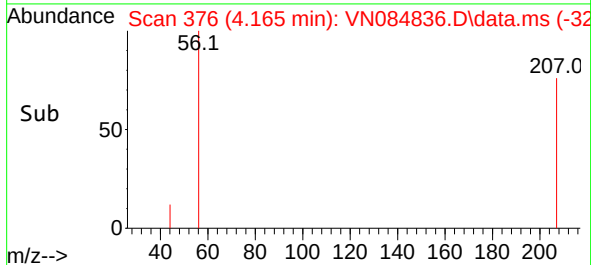
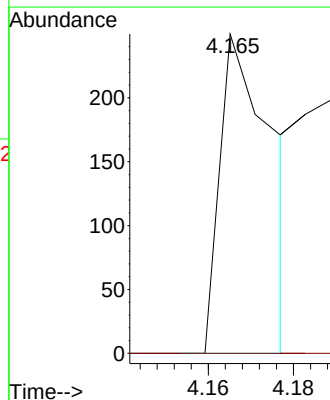
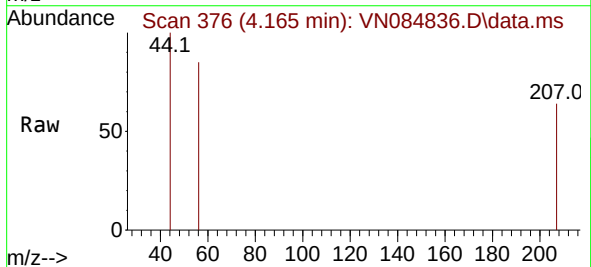
Instrument :
MSVOA_N
ClientSampleId :

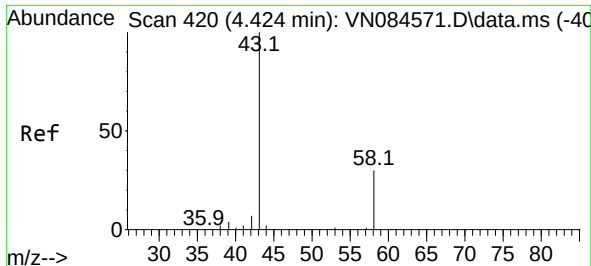
Tgt Ion: 59 Resp: 15373
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.2#



#13
Acrolein
Concen: 0.634 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 56 Resp: 215
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#





#16

Acetone

Concen: 28.023 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

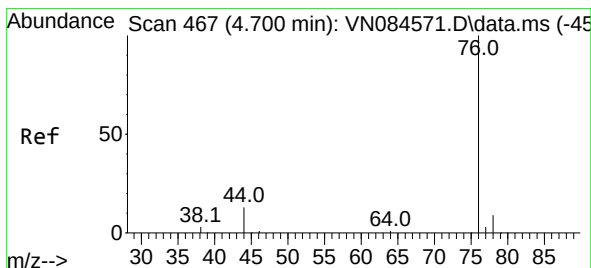
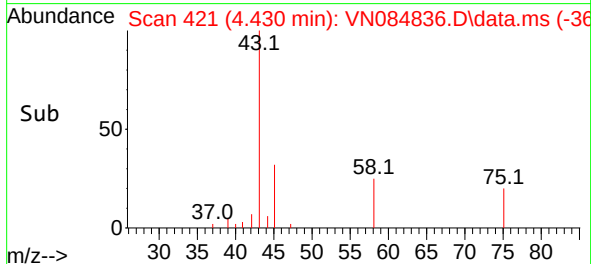
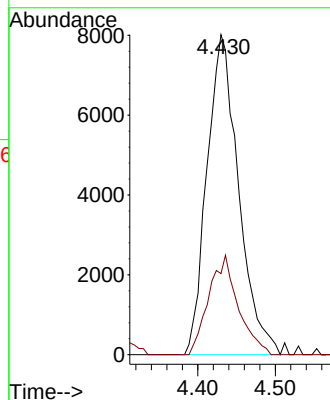
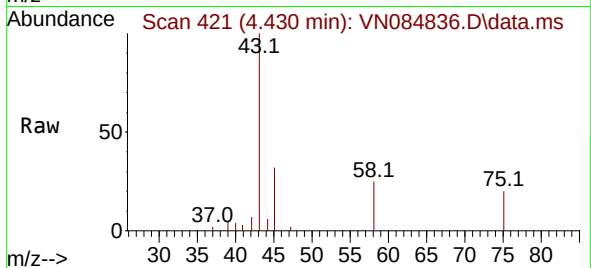
ClientSampleId :

Tgt Ion: 43 Resp: 22727

Ion Ratio Lower Upper

43 100

58 25.4 24.4 36.6



#17

Carbon Disulfide

Concen: 0.494 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.012 min

Lab File: VN084836.D

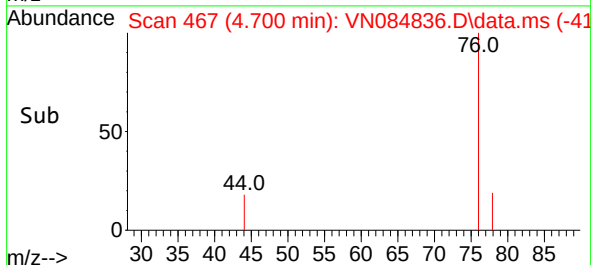
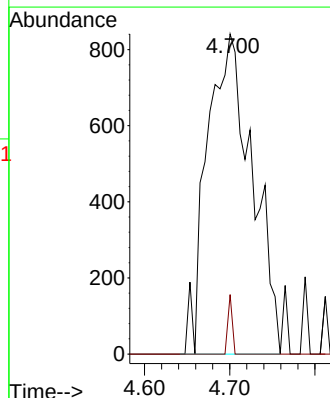
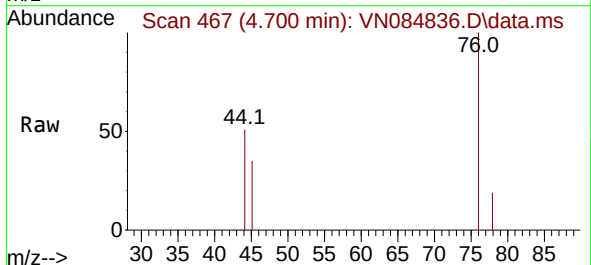
Acq: 13 Nov 2024 19:11

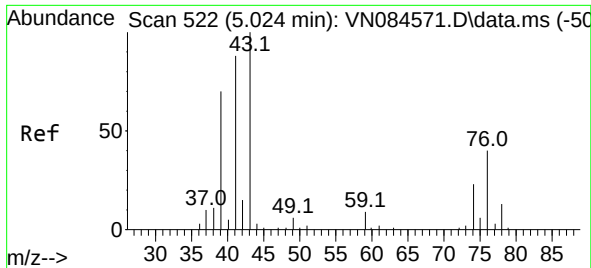
Tgt Ion: 76 Resp: 3088

Ion Ratio Lower Upper

76 100

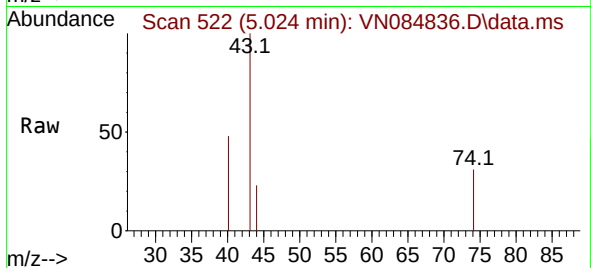
78 18.5 7.3 10.9#



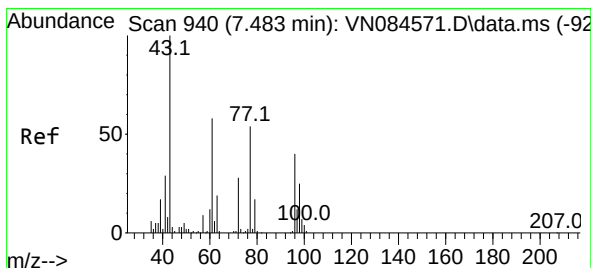
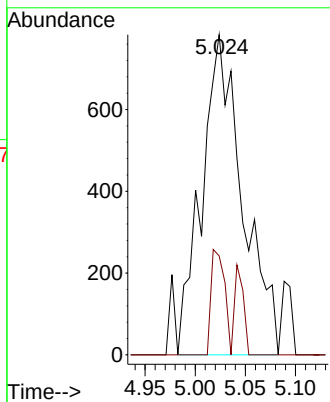
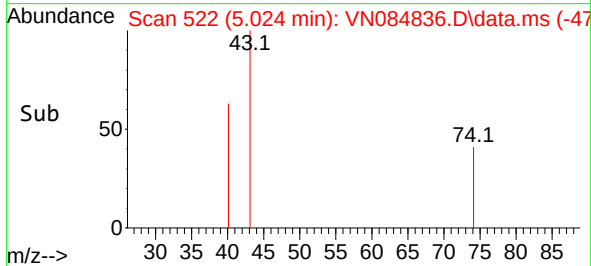


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

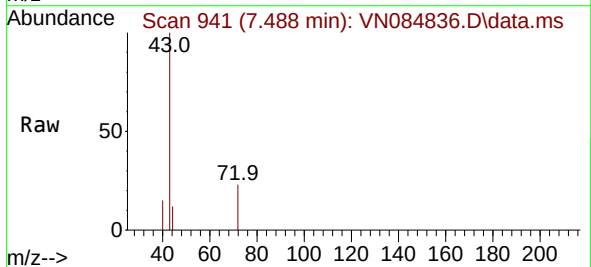
Instrument :
MSVOA_N
ClientSampleId :



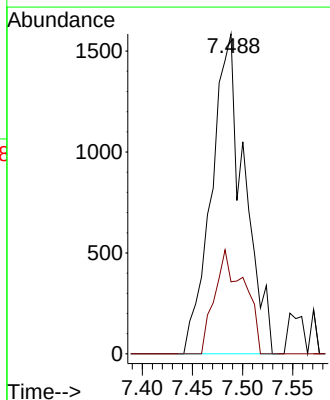
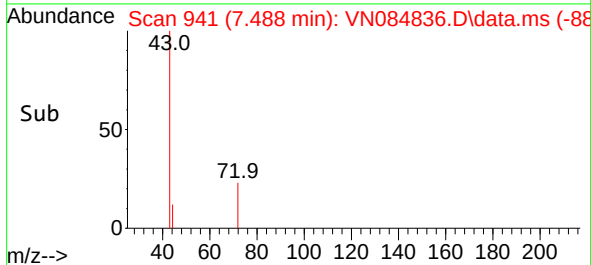
Tgt Ion: 43 Resp: 2223
Ion Ratio Lower Upper
43 100
74 10.8 19.2 28.8#

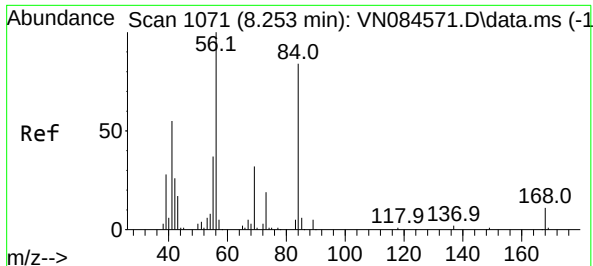


#25
2-Butanone
Concen: 3.017 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11



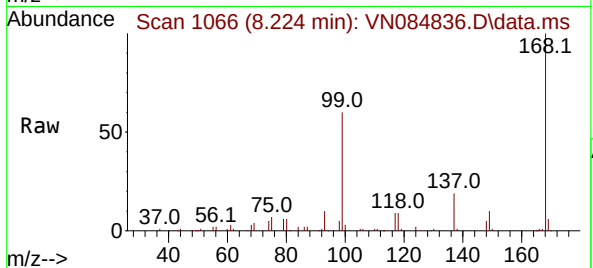
Tgt Ion: 43 Resp: 3624
Ion Ratio Lower Upper
43 100
72 22.5 21.4 32.2



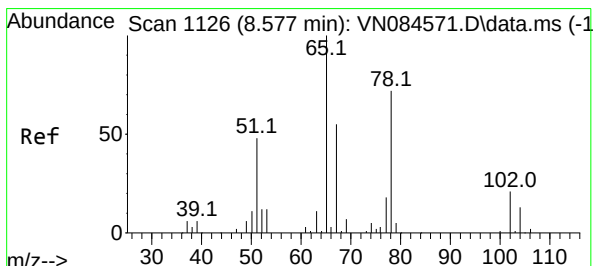
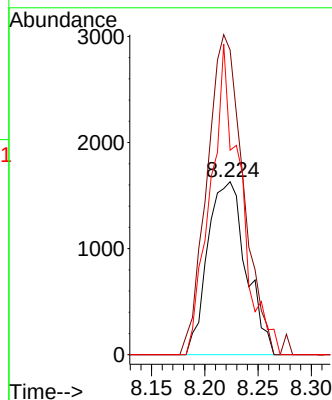
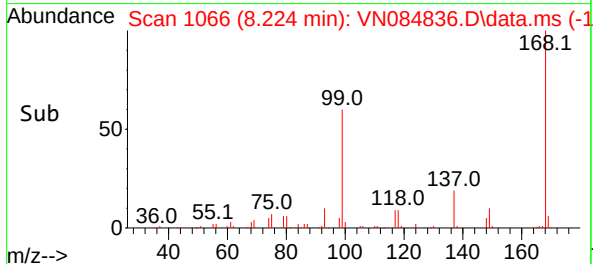


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Instrument :
MSVOA_N
ClientSampleId :

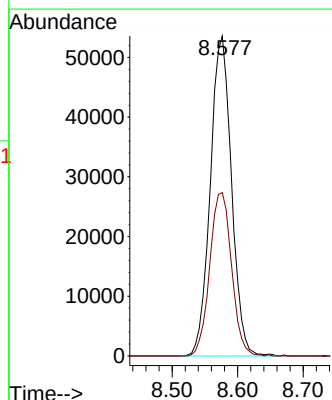
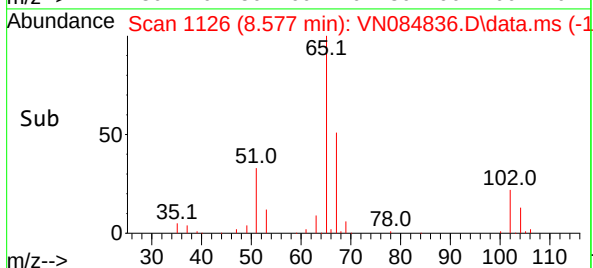
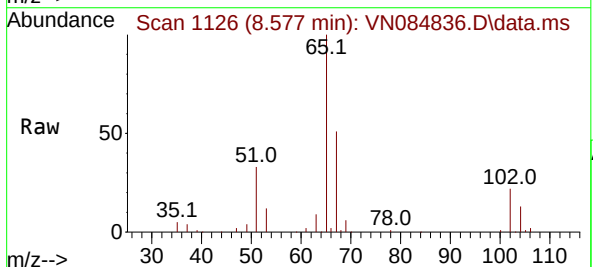


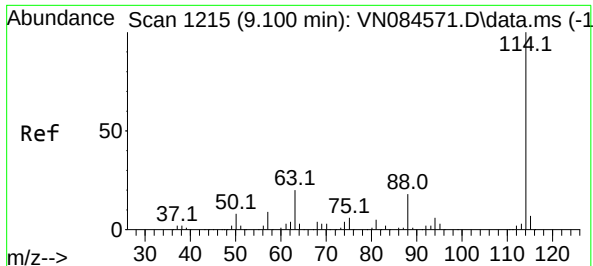
Tgt Ion: 56 Resp: 4087
Ion Ratio Lower Upper
56 100
69 176.1 23.8 35.6#
84 118.3 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 46.719 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 65 Resp: 120297
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

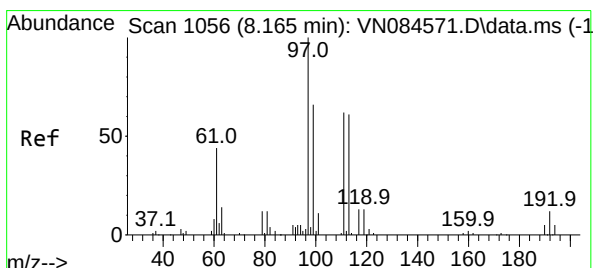
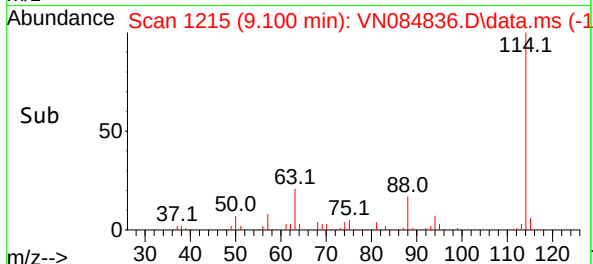
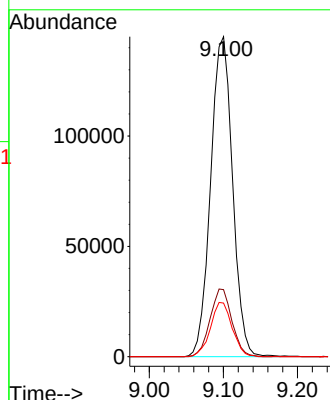
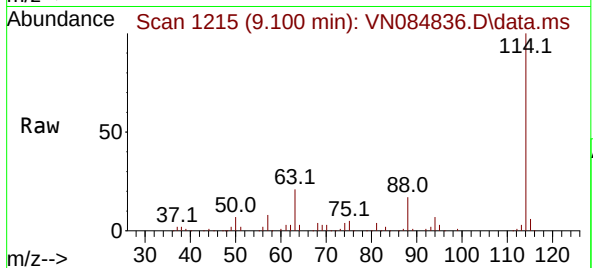
Tgt Ion:114 Resp: 298166

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 16.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

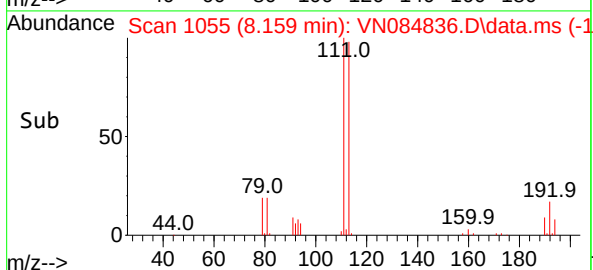
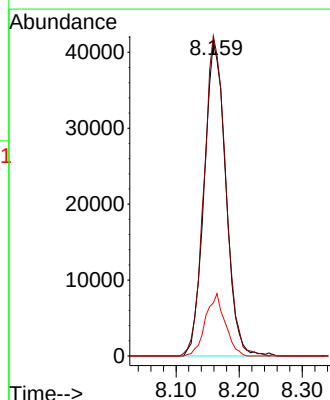
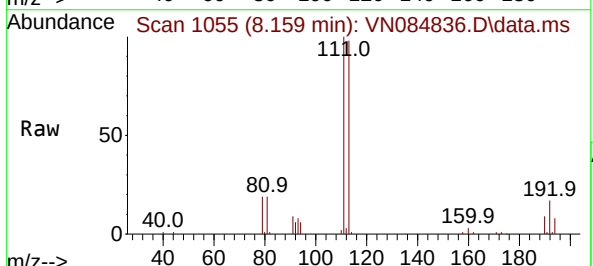
Tgt Ion:113 Resp: 98492

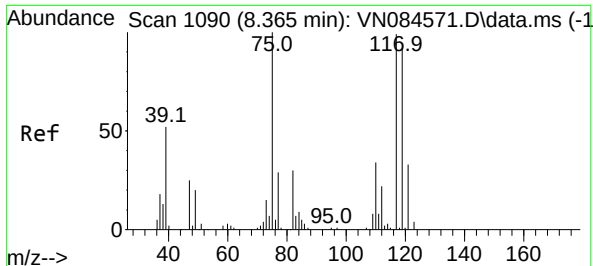
Ion Ratio Lower Upper

113 100

111 102.1 83.3 124.9

192 18.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.940 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

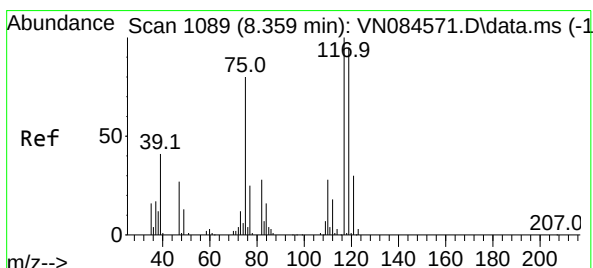
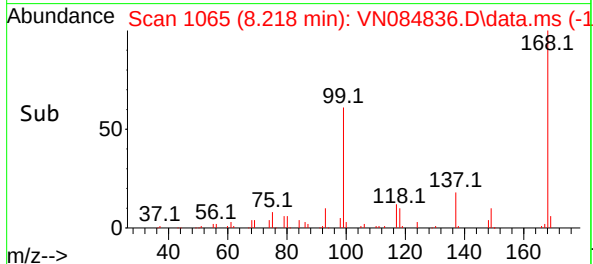
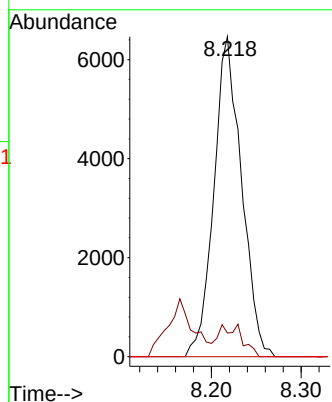
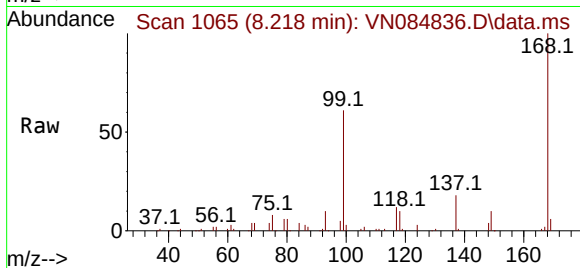
Tgt Ion: 75 Resp: 13827

Ion Ratio Lower Upper

75 100

110 8.4 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.127 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

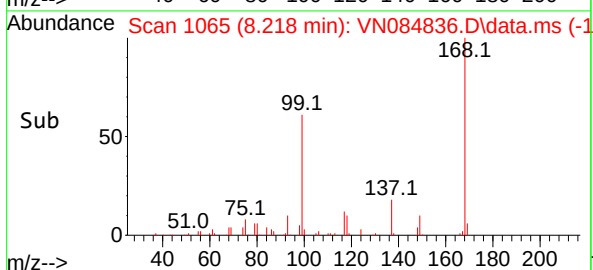
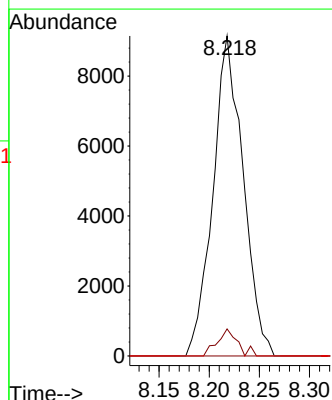
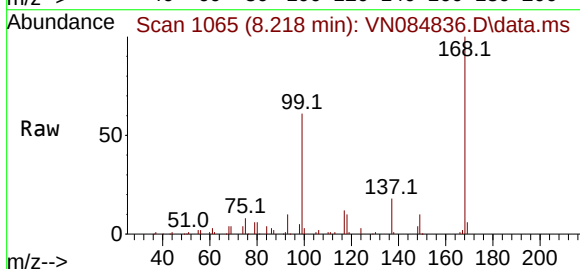
Tgt Ion: 117 Resp: 19169

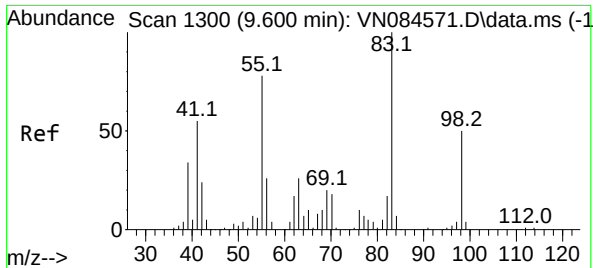
Ion Ratio Lower Upper

117 100

119 8.5 78.7 118.1#

121 0.0 24.4 36.6#

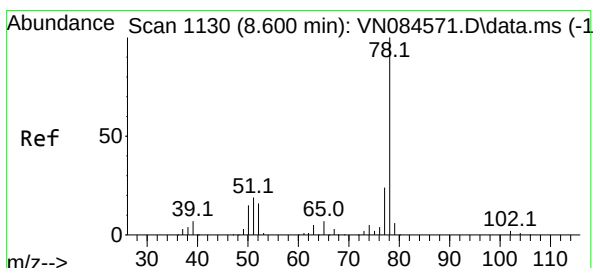
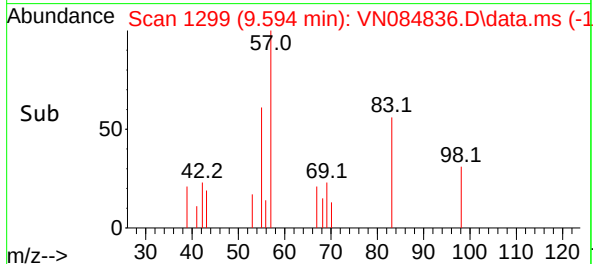
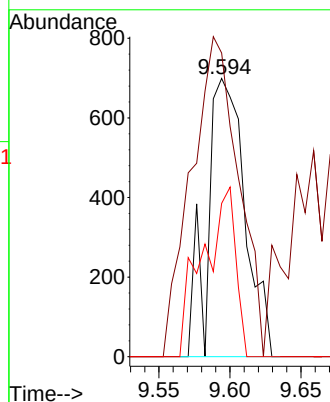
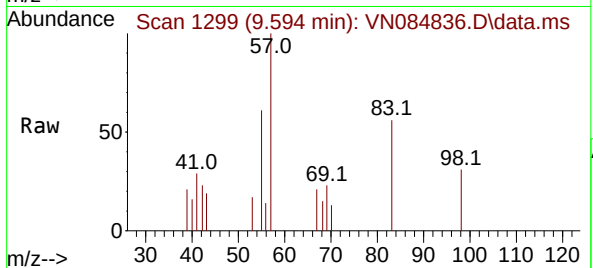




#39
Methylcyclohexane
Concen: 0.449 ug/l
RT: 9.594 min Scan# 11299
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

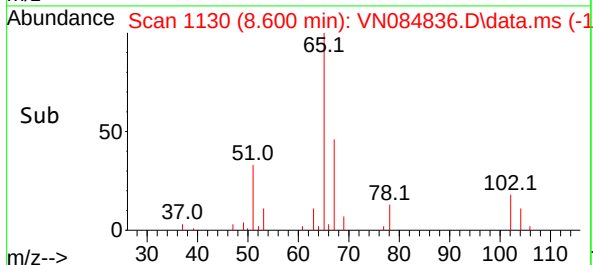
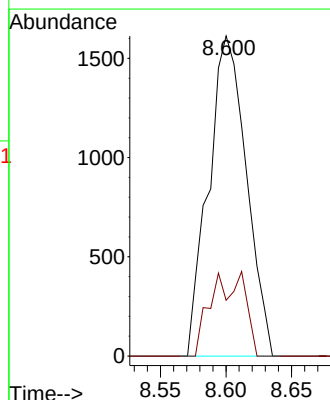
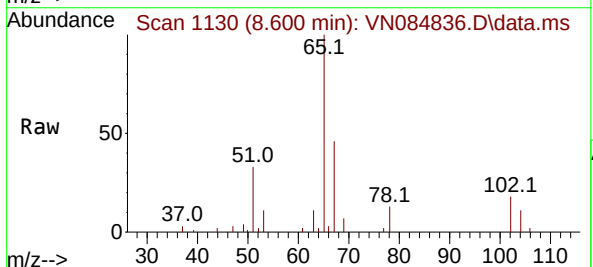
Instrument :
MSVOA_N
ClientSampleId :

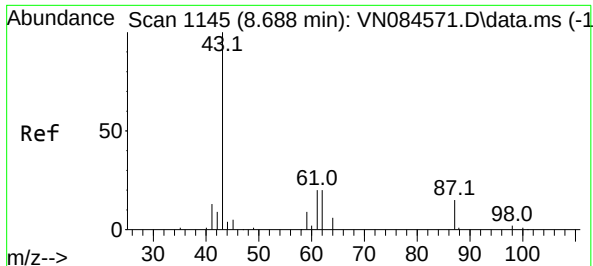
Tgt Ion: 83 Resp: 1278
Ion Ratio Lower Upper
83 100
55 76.8 62.8 94.2
98 55.1 38.8 58.2



#40
Benzene
Concen: 0.360 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

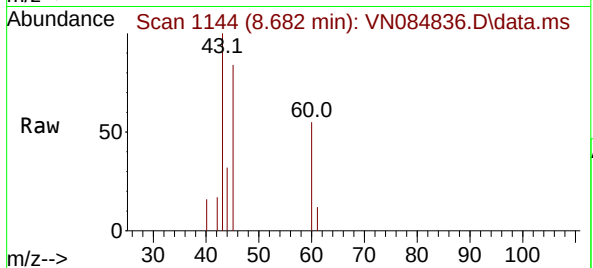
Tgt Ion: 78 Resp: 3233
Ion Ratio Lower Upper
78 100
77 17.4 19.1 28.7#



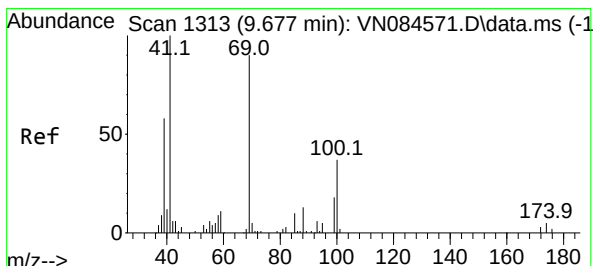
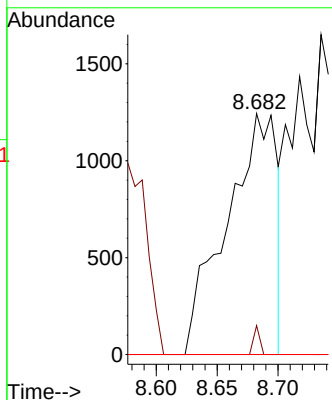
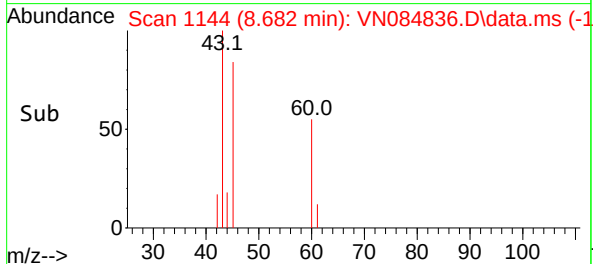


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Instrument :
MSVOA_N
ClientSampleId :

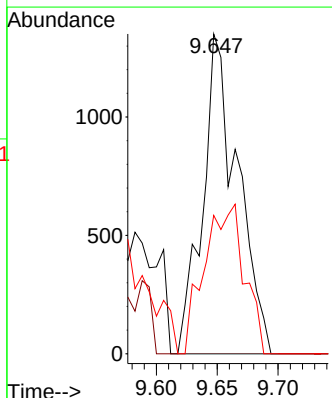
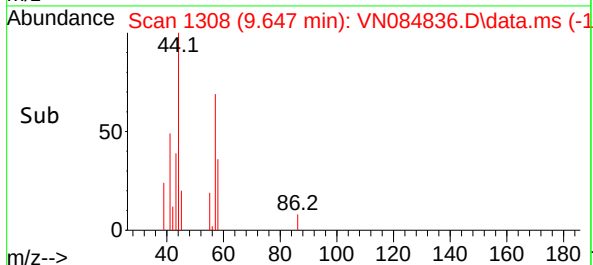
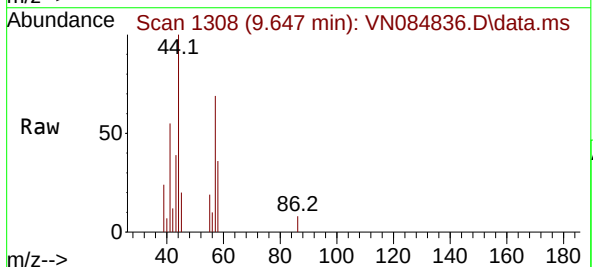


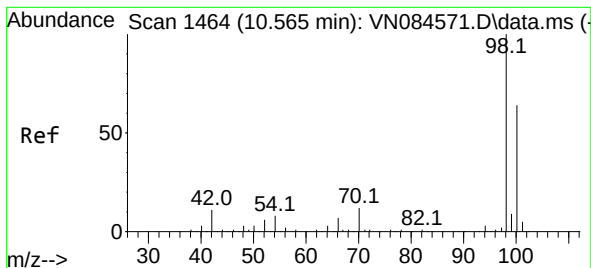
Tgt Ion: 43 Resp: 3578
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#48
Methyl methacrylate
Concen: 1.362 ug/l
RT: 9.647 min Scan# 1308
Delta R.T. -0.029 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 41 Resp: 2692
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 53.7 45.8 68.6

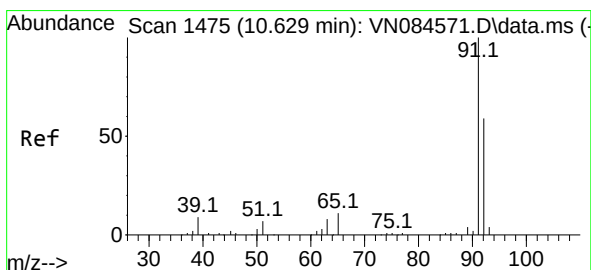
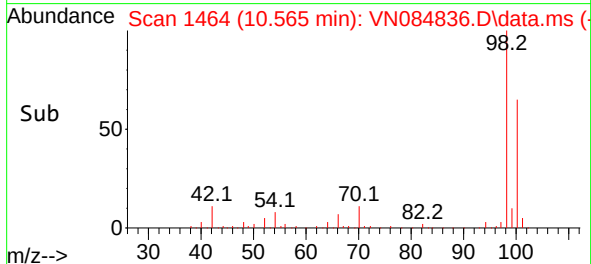
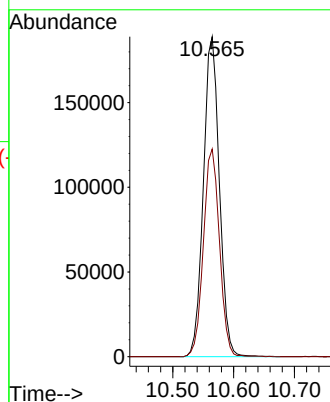
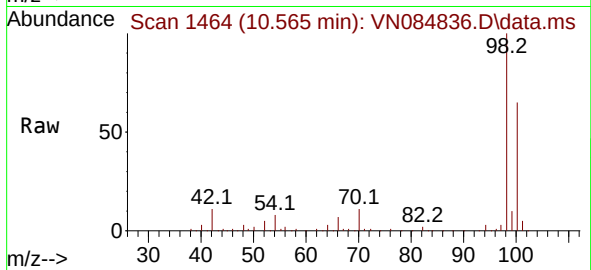




#50
Toluene-d8
Concen: 46.276 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

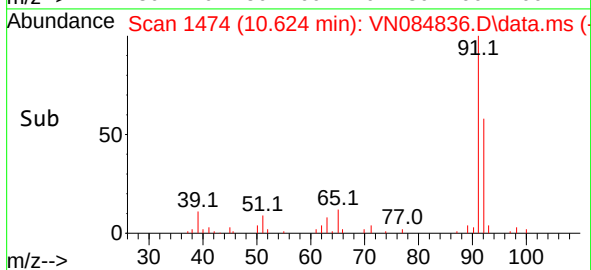
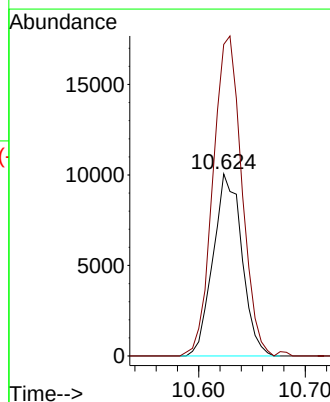
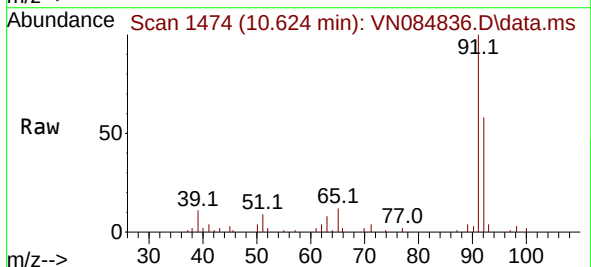
Instrument :
MSVOA_N
ClientSampleId :

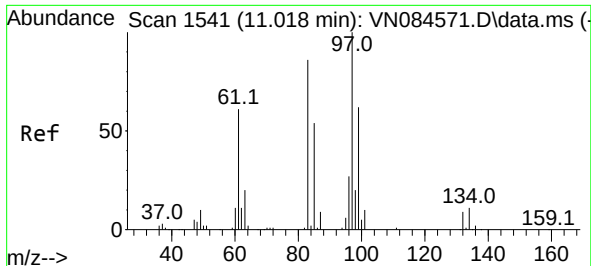
Tgt Ion: 98 Resp: 344037
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#52
Toluene
Concen: 3.592 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

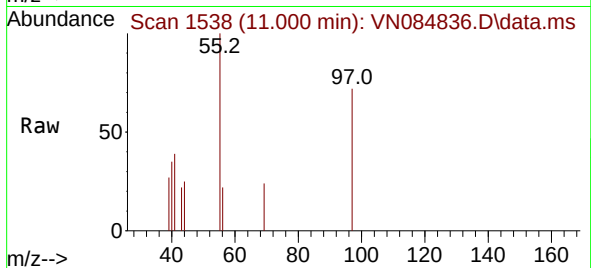
Tgt Ion: 92 Resp: 18883
Ion Ratio Lower Upper
92 100
91 175.7 137.3 205.9



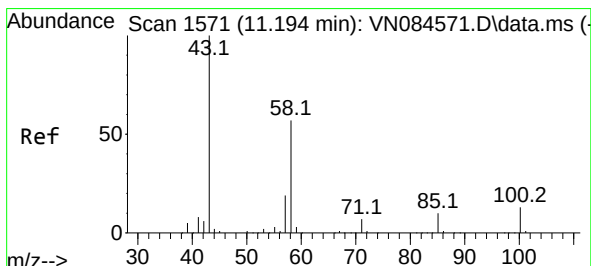
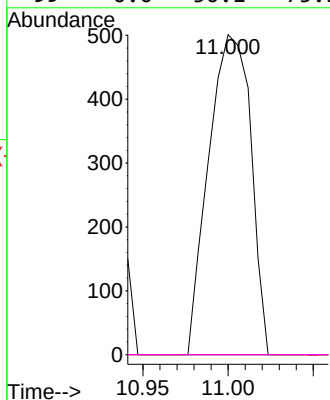
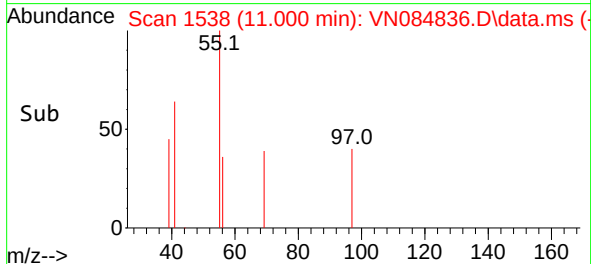


#55
1,1,2-Trichloroethane
Concen: 0.436 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Instrument :
MSVOA_N
ClientSampleId :

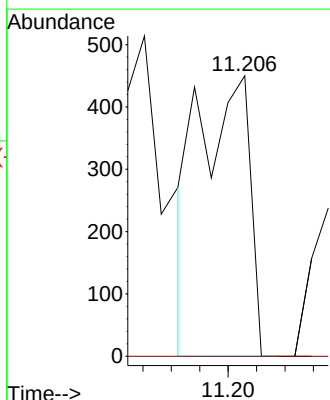
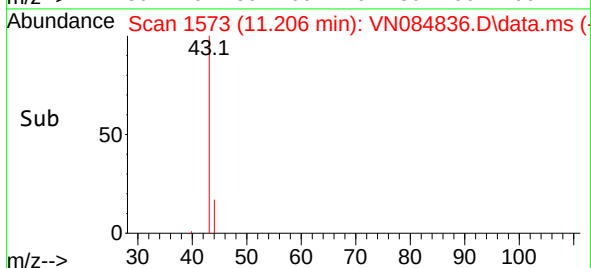
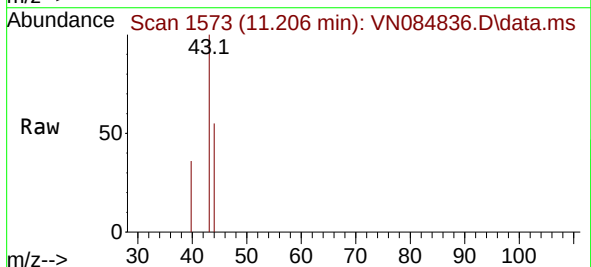


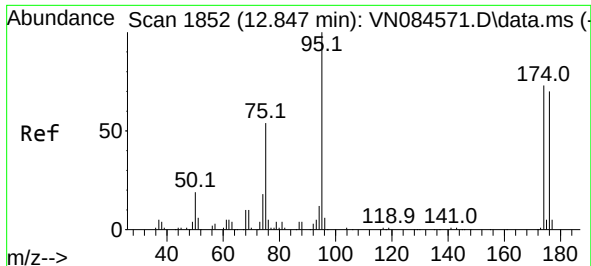
Tgt Ion: 97	Resp:	863
Ion	Ratio	Lower Upper
97	100	
83	0.0	71.0 106.4#
85	0.0	41.7 62.5#
99	0.0	50.1 75.1#



#59
2-Hexanone
Concen: 0.316 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 43	Resp:	556
Ion	Ratio	Lower Upper
43	100	
58	0.0	27.3 81.8#

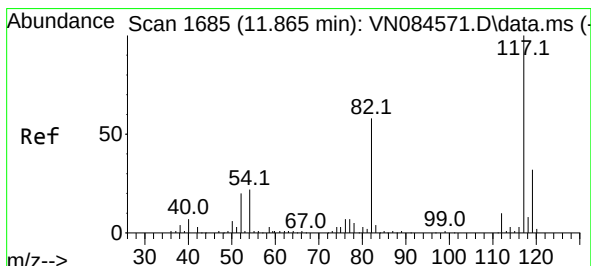
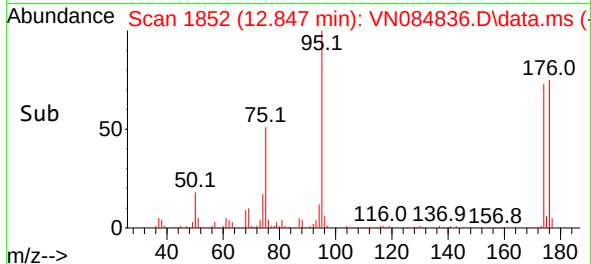
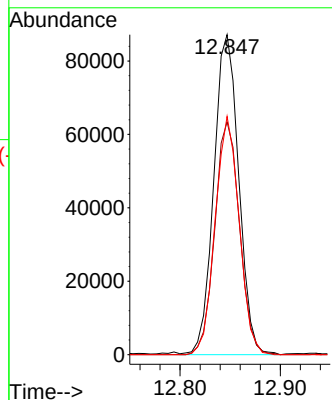
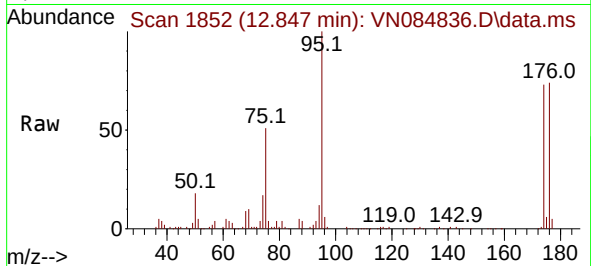




#62
4-Bromofluorobenzene
Concen: 54.120 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

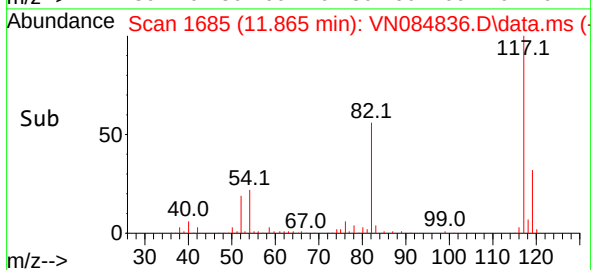
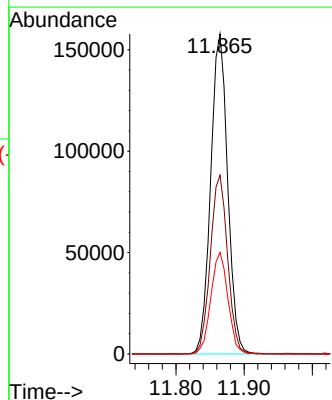
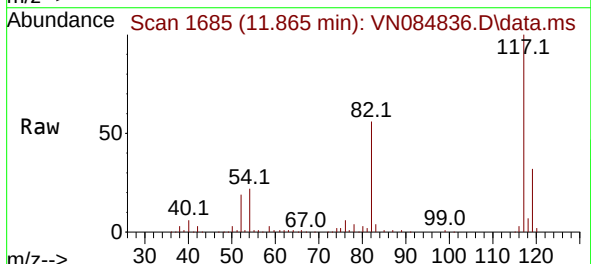
Instrument :
MSVOA_N
ClientSampleId :

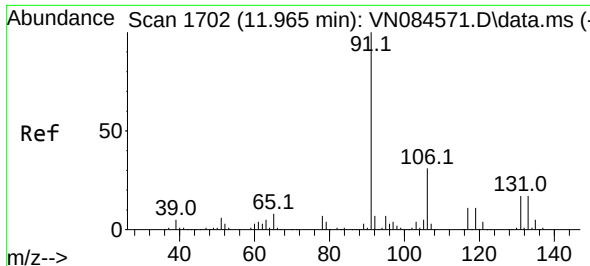
Tgt Ion: 95 Resp: 150373
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.2
176 71.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 117 Resp: 274157
Ion Ratio Lower Upper
117 100
82 55.9 47.2 70.8
119 31.8 25.4 38.0

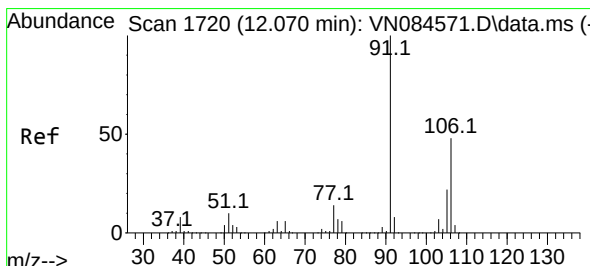
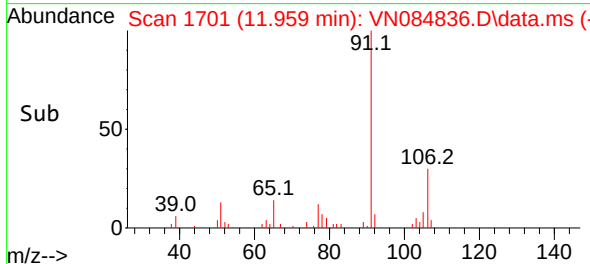
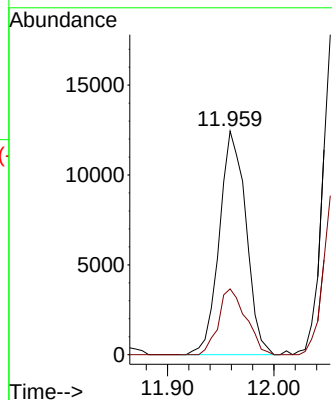
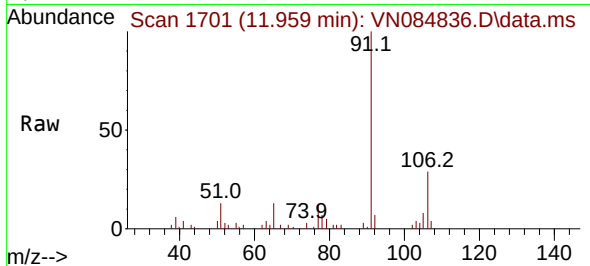




#67
Ethyl Benzene
Concen: 2.114 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

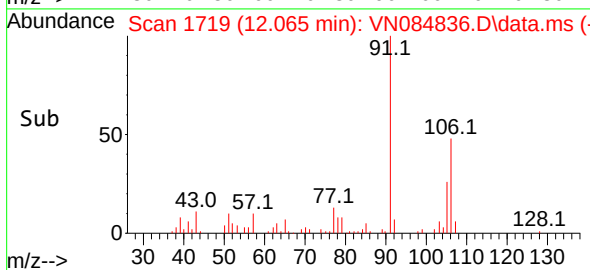
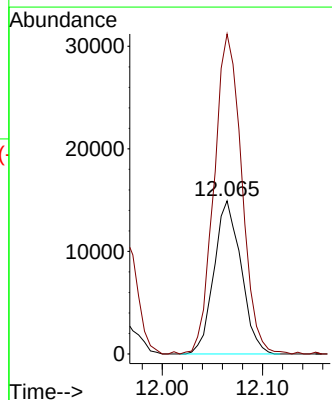
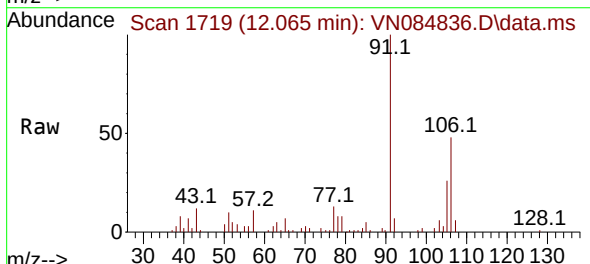
Instrument :
MSVOA_N
ClientSampleId :

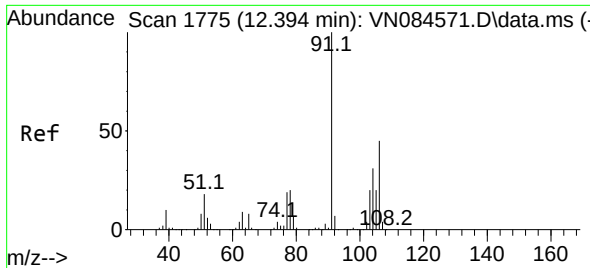
Tgt Ion: 91 Resp: 21639
Ion Ratio Lower Upper
91 100
106 29.4 24.5 36.7



#68
m/p-Xylenes
Concen: 7.219 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 106 Resp: 27982
Ion Ratio Lower Upper
106 100
91 213.3 167.1 250.7

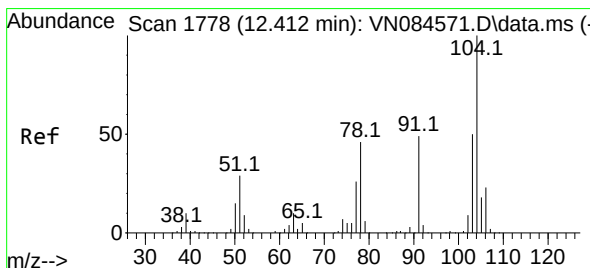
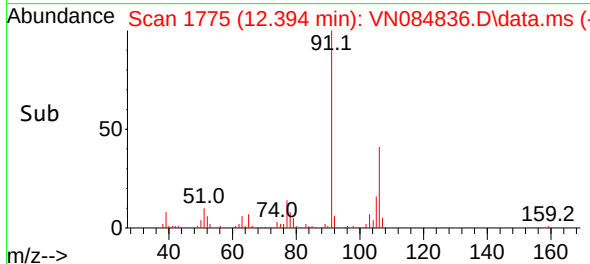
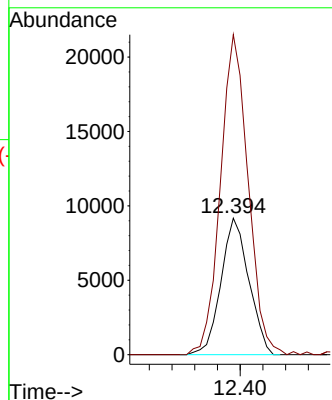
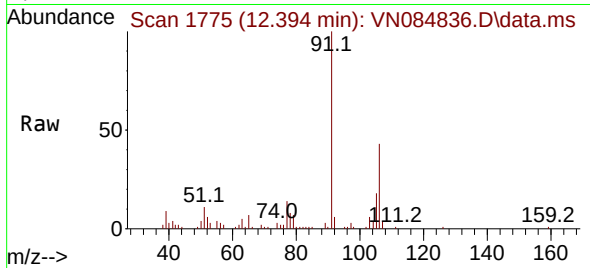




#69
o-Xylene
Concen: 4.316 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

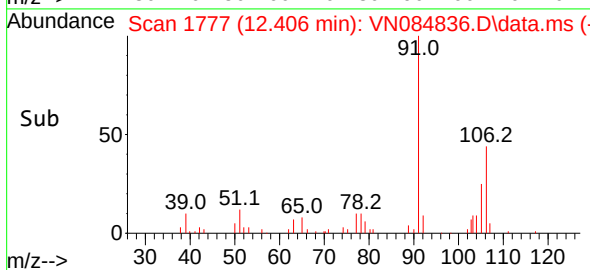
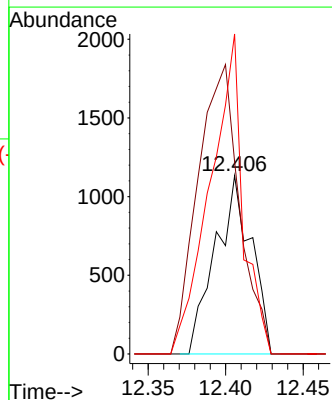
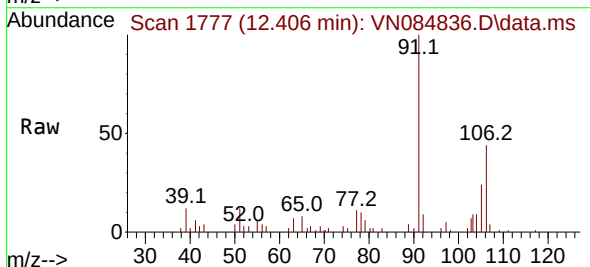
Instrument :
MSVOA_N
ClientSampleId :

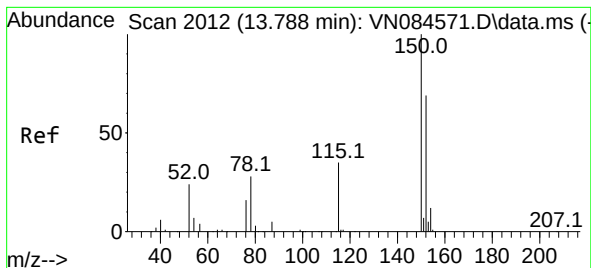
Tgt Ion:106 Resp: 15648
Ion Ratio Lower Upper
106 100
91 233.2 110.2 330.6



#70
Styrene
Concen: 0.289 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion:104 Resp: 1827
Ion Ratio Lower Upper
104 100
78 187.8 42.7 64.1#
103 163.8 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

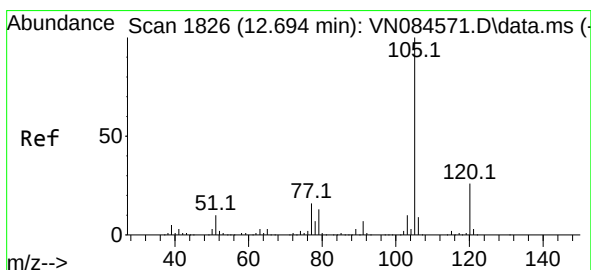
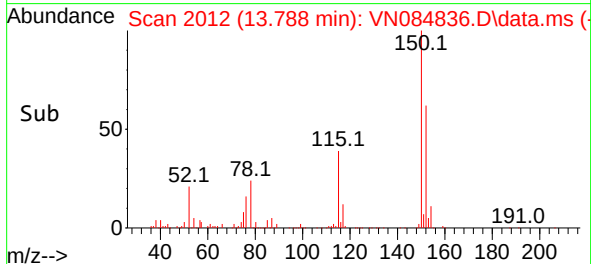
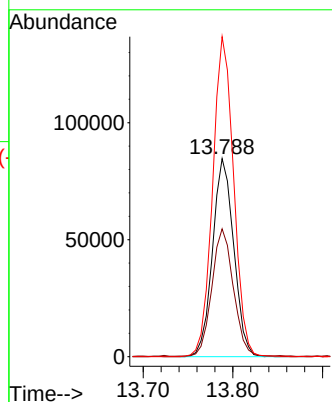
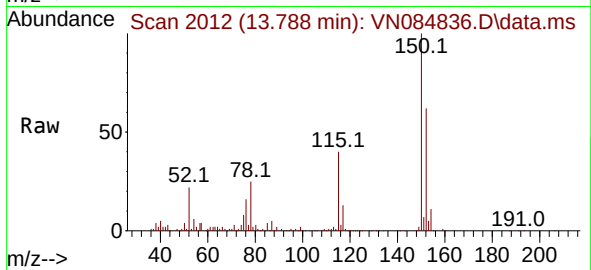
Tgt Ion:152 Resp: 138859

Ion Ratio Lower Upper

152 100

115 65.0 31.3 93.9

150 160.0 0.0 349.8



#73

Isopropylbenzene

Concen: 0.547 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN084836.D

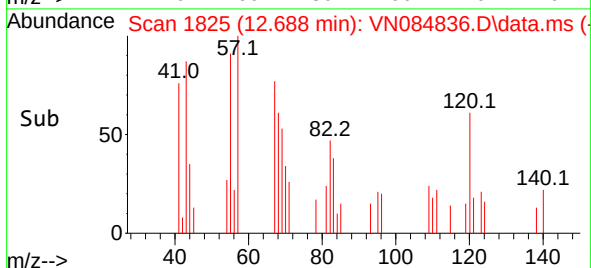
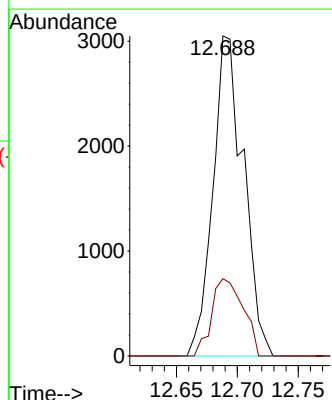
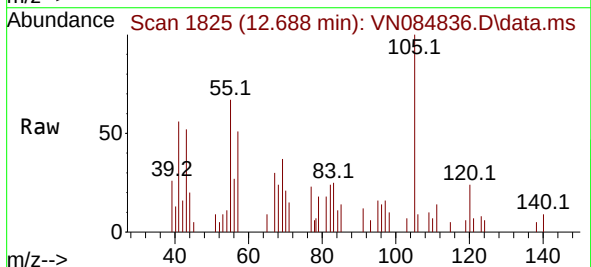
Acq: 13 Nov 2024 19:11

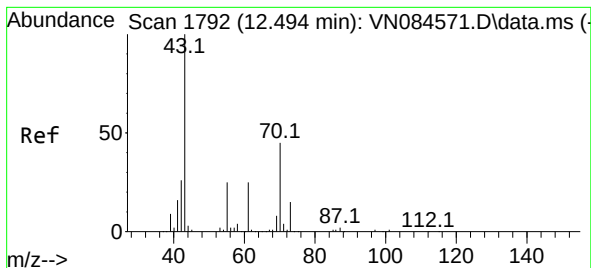
Tgt Ion:105 Resp: 5321

Ion Ratio Lower Upper

105 100

120 24.9 12.9 38.7





#74

N-amy1 acetate

Concen: 0.666 ug/l

RT: 12.482 min Scan# 1

Delta R.T. -0.012 min

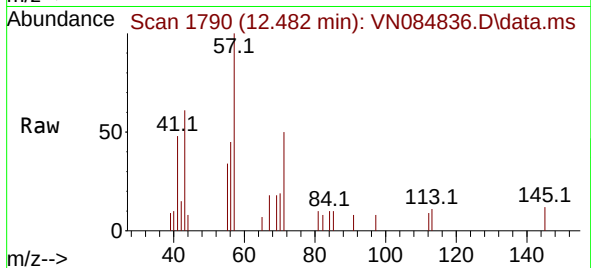
Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 2760

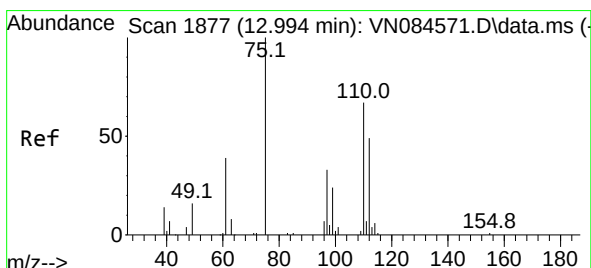
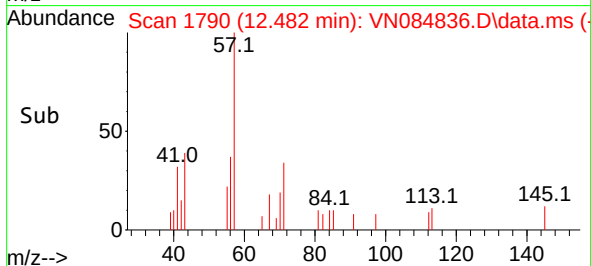
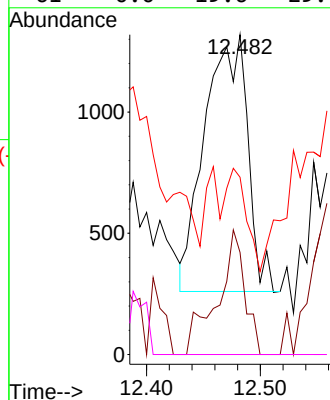
Ion Ratio Lower Upper

43 100

70 31.3 34.4 51.6#

55 0.0 19.6 29.4#

61 0.0 19.6 29.4#



#76

1,2,3-Trichloropropane

Concen: 27.232 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084836.D

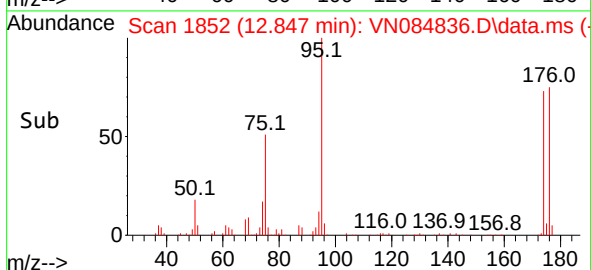
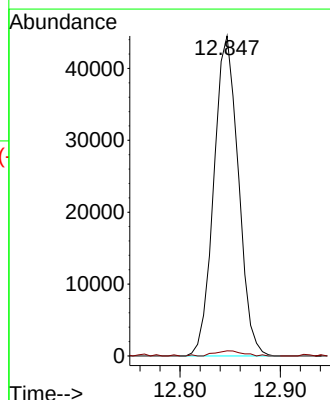
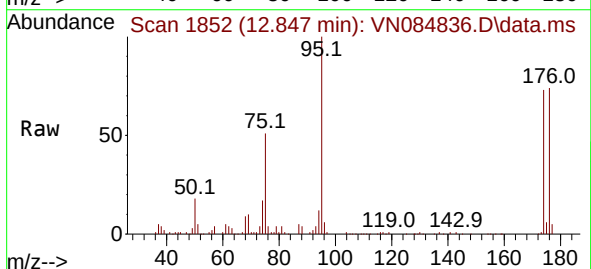
Acq: 13 Nov 2024 19:11

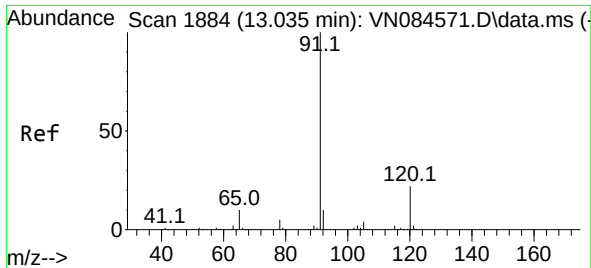
Tgt Ion: 75 Resp: 75588

Ion Ratio Lower Upper

75 100

77 1.8 96.9 290.7#

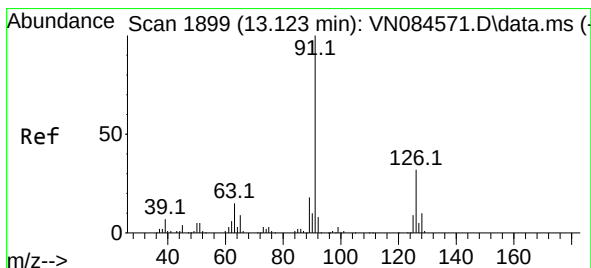
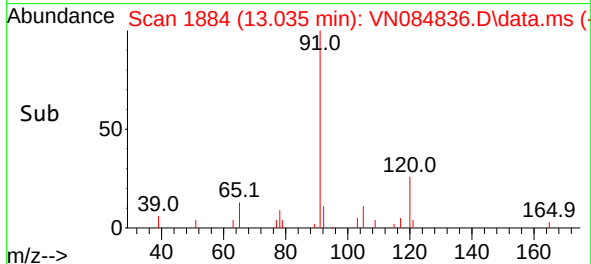
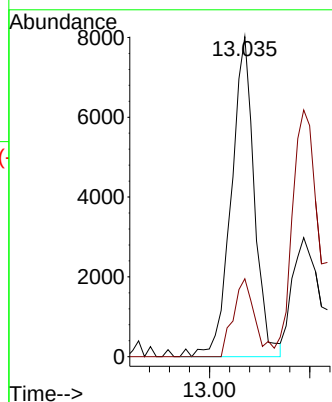
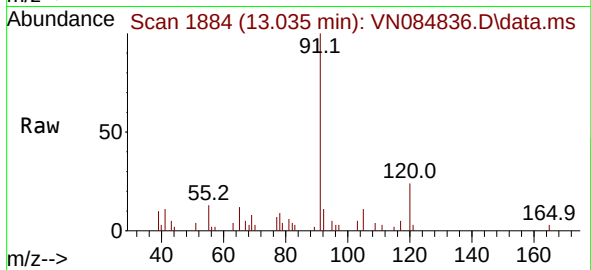




#78
n-propylbenzene
Concen: 1.125 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

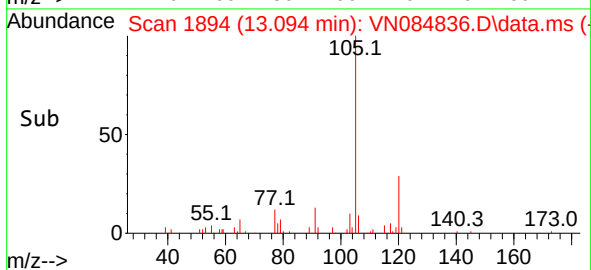
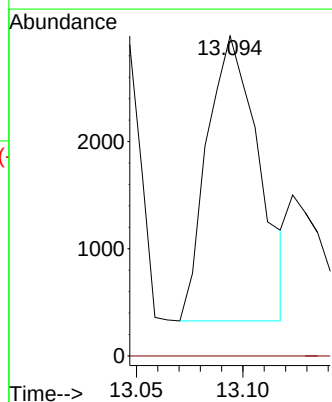
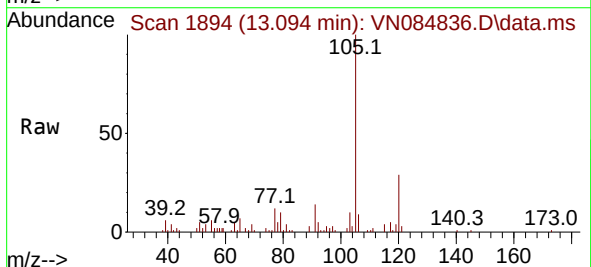
Instrument :
MSVOA_N
ClientSampleId :

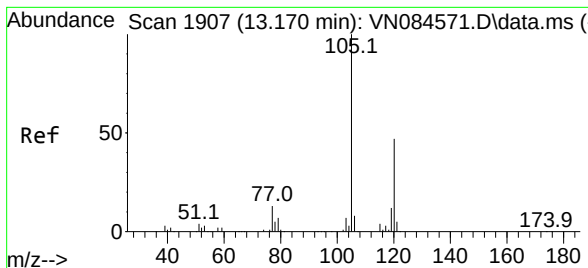
Tgt Ion: 91 Resp: 12830
Ion Ratio Lower Upper
91 100
120 23.0 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.602 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 91 Resp: 4486
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#

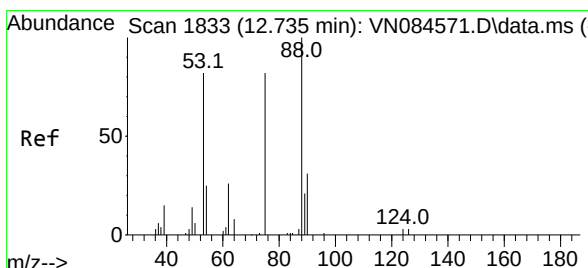
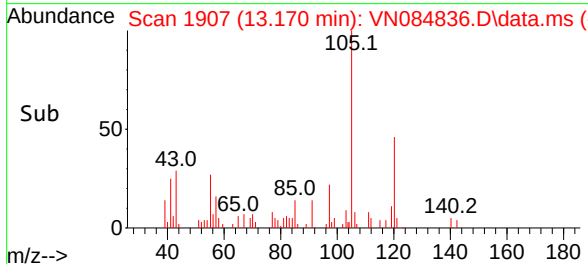
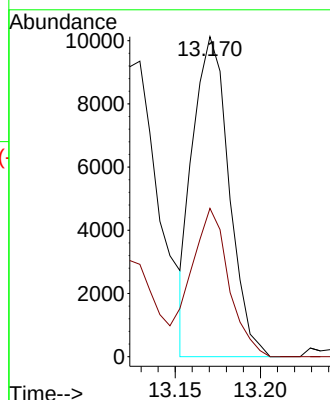
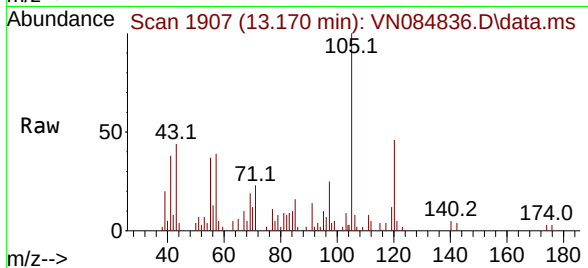




#80
 1,3,5-Trimethylbenzene
 Concen: 1.856 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN084836.D
 Acq: 13 Nov 2024 19:11

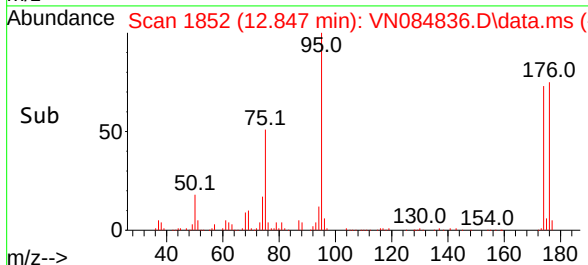
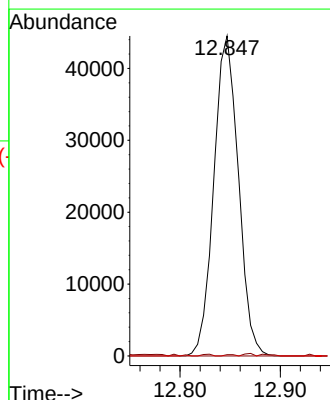
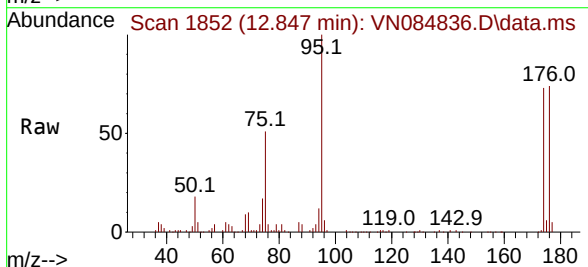
Instrument :
 MSVOA_N
 ClientSampleId :

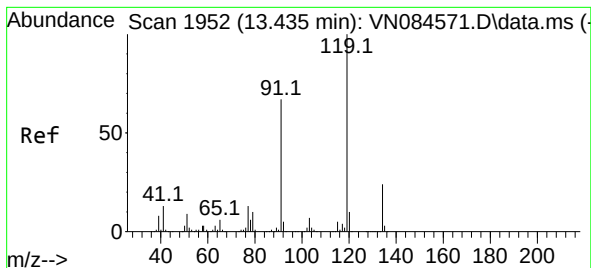
Tgt Ion:105 Resp: 14970
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.605 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084836.D
 Acq: 13 Nov 2024 19:11

Tgt Ion: 75 Resp: 75588
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.0 35.5 53.3#





#83

tert-Butylbenzene

Concen: 1.182 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.041 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

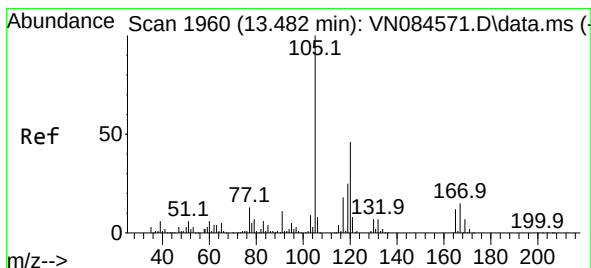
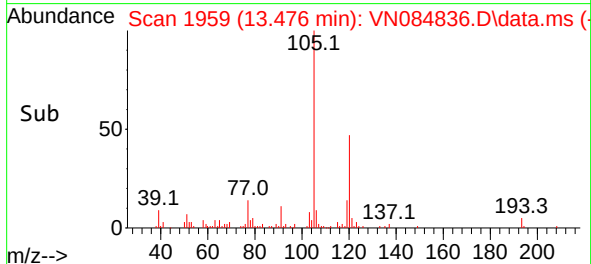
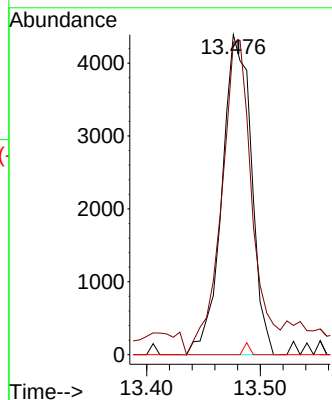
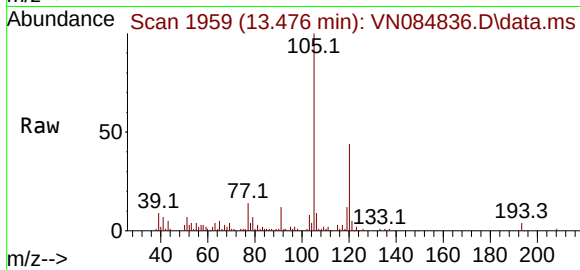
Tgt Ion:119 Resp: 7889

Ion Ratio Lower Upper

119 100

91 102.6 34.1 102.3#

134 0.7 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 7.439 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084836.D

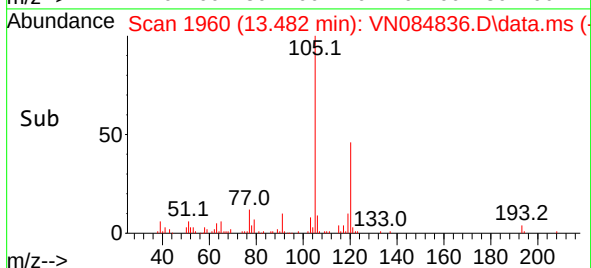
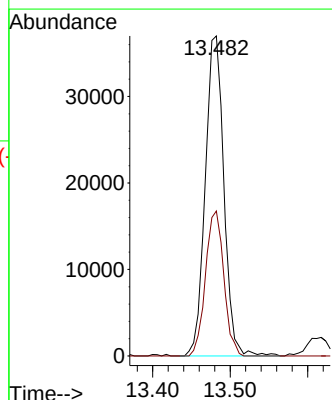
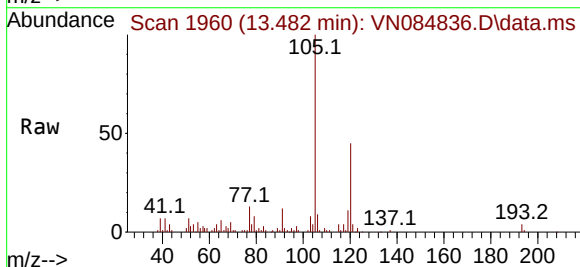
Acq: 13 Nov 2024 19:11

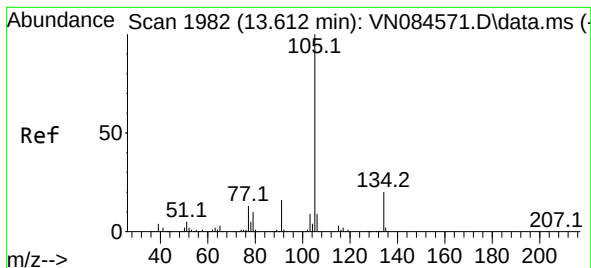
Tgt Ion:105 Resp: 61921

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.471 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

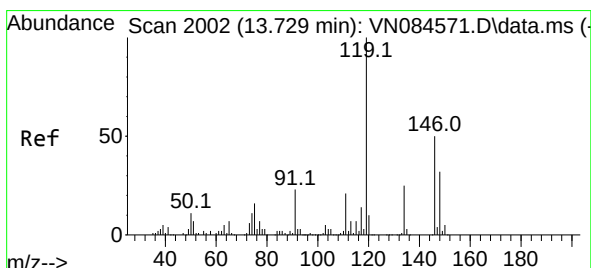
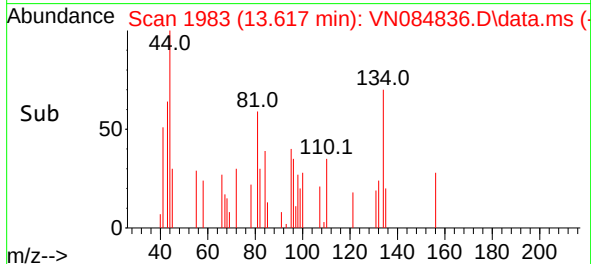
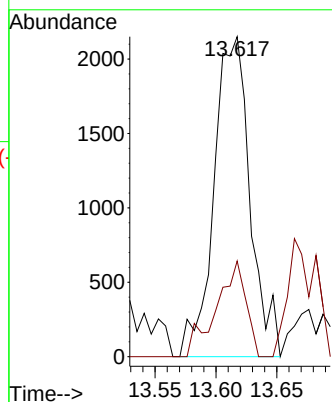
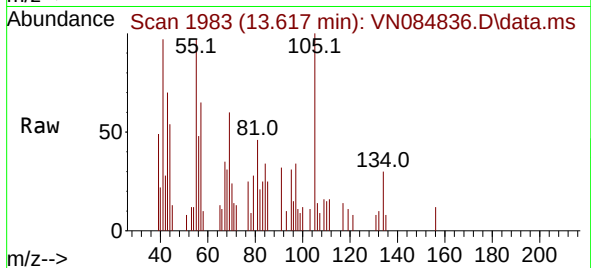
ClientSampleId :

Tgt Ion:105 Resp: 4438

Ion Ratio Lower Upper

105 100

134 24.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.456 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

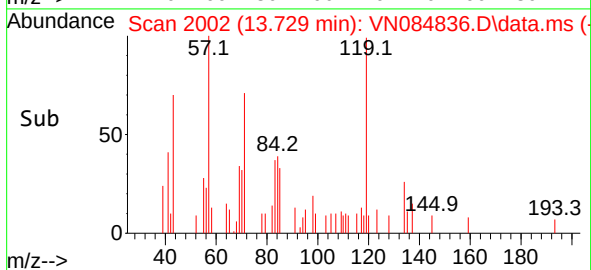
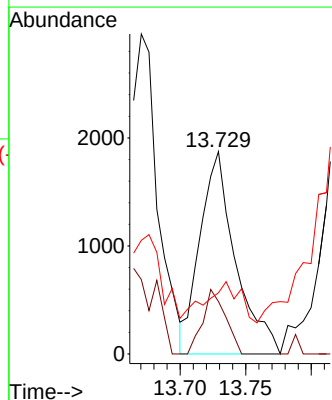
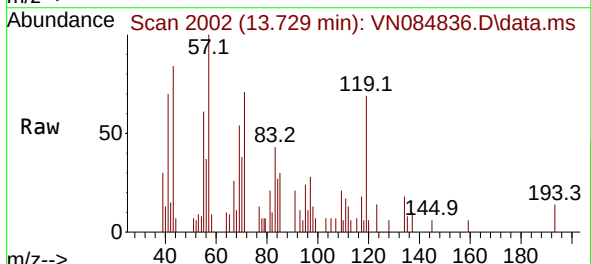
Tgt Ion:119 Resp: 3524

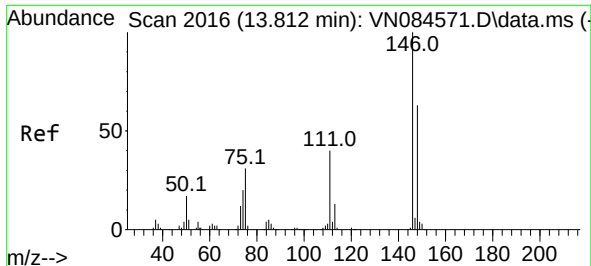
Ion Ratio Lower Upper

119 100

134 20.4 12.6 37.8

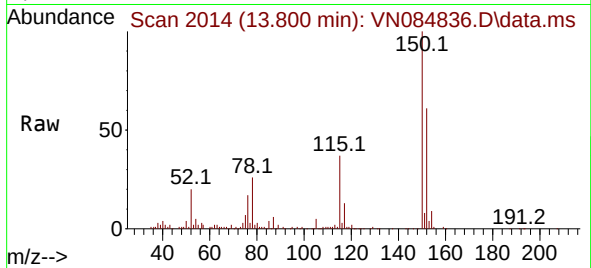
91 18.5 12.4 37.2



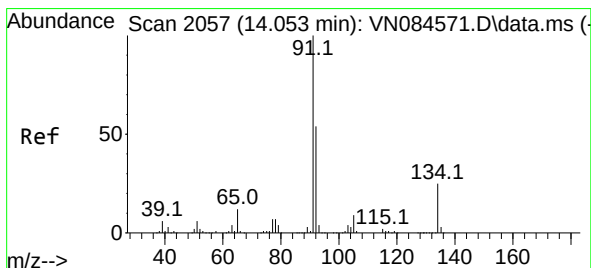
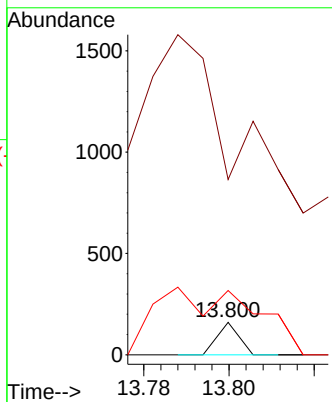
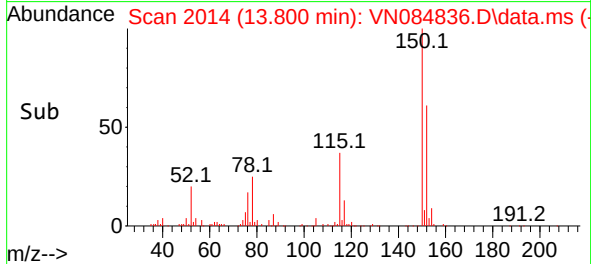


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.800 min Scan# 2016
Delta R.T. -0.012 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Instrument :
MSVOA_N
ClientSampleId :

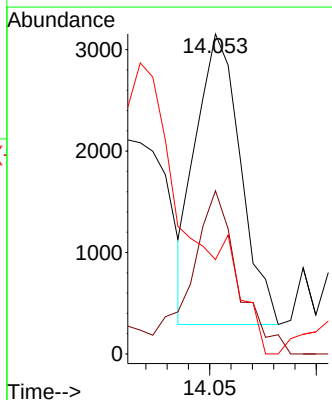
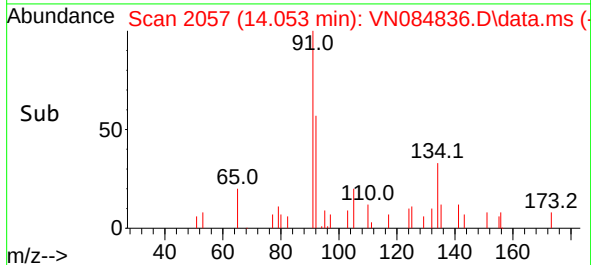
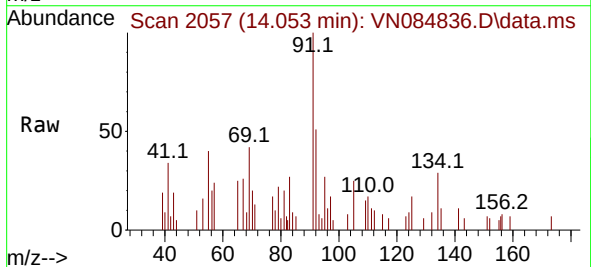


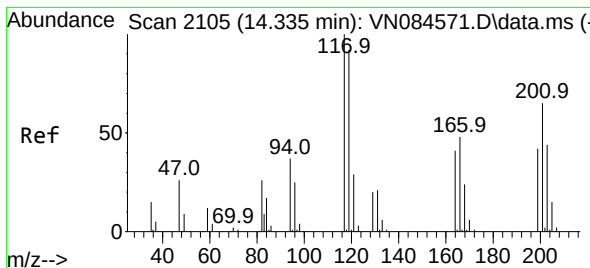
Tgt Ion:146 Resp: 56
Ion Ratio Lower Upper
146 100
111 5155.4 21.2 63.6#
148 942.9 31.9 95.9#



#89
n-Butylbenzene
Concen: 0.579 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 91 Resp: 4187
Ion Ratio Lower Upper
91 100
92 58.5 26.6 79.7
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 0.902 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

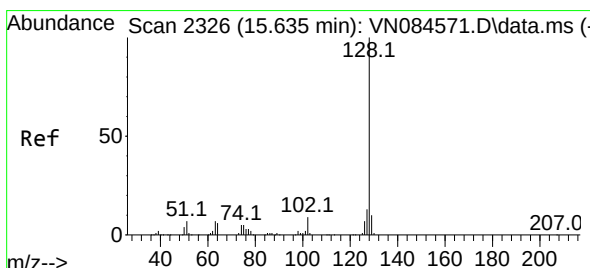
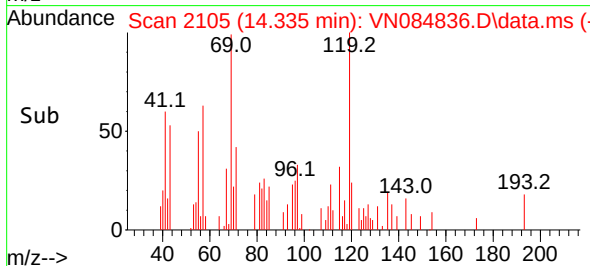
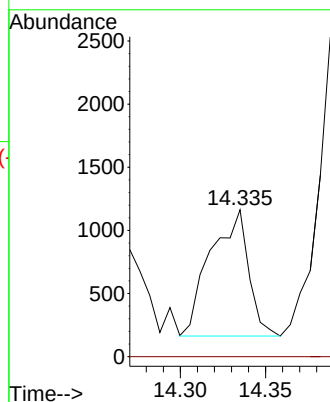
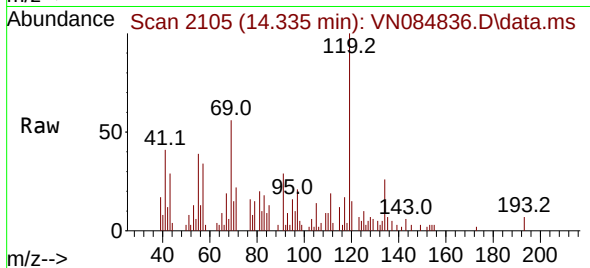
ClientSampleId :

Tgt Ion:117 Resp: 1555

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#95

Naphthalene

Concen: 1.315 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Tgt Ion:128 Resp: 10569

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 17.9 8.7 13.1#

