

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084367.D
 Acq On : 09 Oct 2024 15:08
 Operator : JC\MD
 Sample : P4358-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 10 01:21:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128749	48.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.540%
35) Dibromofluoromethane	8.171	113	102531	47.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	10.565	98	396296	49.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.847	95	148502	51.024	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.040%

Target Compounds				Qvalue		
6) Chloroethane	3.077	64	417	0.247	ug/l #	45
11) Tert butyl alcohol	5.518	59	3588	8.159	ug/l #	78
13) Acrolein	4.189	56	125	0.248	ug/l #	61
16) Acetone	4.436	43	36875	32.185	ug/l	94
17) Carbon Disulfide	4.724	76	2648	0.413	ug/l #	75
18) Methyl Acetate	5.030	43	2208	0.884	ug/l #	72
20) Methylene Chloride	5.277	84	6320	2.714	ug/l	91
25) 2-Butanone	7.483	43	10051	6.441	ug/l #	86
29) Tetrahydrofuran	7.859	42	658	0.683	ug/l #	47
31) Cyclohexane	8.224	56	4480	1.134	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	15814	5.014	ug/l #	51
37) Ethyl Acetate	7.571	43	3330	1.029	ug/l #	76
38) Carbon Tetrachloride	8.218	117	20186	5.834	ug/l #	16
39) Methylcyclohexane	9.606	83	1221	0.348	ug/l #	78
40) Benzene	8.606	78	320802	32.645	ug/l	100
42) 1,2-Dichloroethane	8.671	62	699	0.210	ug/l #	75
43) Isopropyl Acetate	8.688	43	292185	46.101	ug/l #	73
45) 1,2-Dichloropropane	9.735	63	1501	0.646	ug/l #	44
48) Methyl methacrylate	9.659	41	3956	1.568	ug/l #	37
49) 1,4-Dioxane	9.729	88	54	1.163	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	13459	4.369	ug/l #	85
52) Toluene	10.629	92	250843	41.860	ug/l	100
54) cis-1,3-Dichloropropene	10.359	75	41950	10.977	ug/l #	64
55) 1,1,2-Trichloroethane	10.876	97	548	0.255	ug/l #	15
56) Ethyl methacrylate	10.988	69	1489	0.421	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5335	1.390	ug/l #	42
59) 2-Hexanone	11.200	43	65932	28.638	ug/l #	61
67) Ethyl Benzene	11.965	91	58075	5.113	ug/l	99
68) m/p-Xylenes	12.065	106	187443	44.611	ug/l	99
69) o-Xylene	12.394	106	218029	54.845	ug/l	98
70) Styrene	12.406	104	70058	10.404	ug/l #	54
71) Bromoform	12.847	173	844	0.518	ug/l #	1
73) Isopropylbenzene	12.694	105	5267	0.504	ug/l	88
74) N-amyl acetate	12.453	43	4059	0.859	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	77577	27.774	ug/l #	1
78) n-propylbenzene	13.035	91	8292	0.685	ug/l	100

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Quant Time: Oct 10 01:21:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

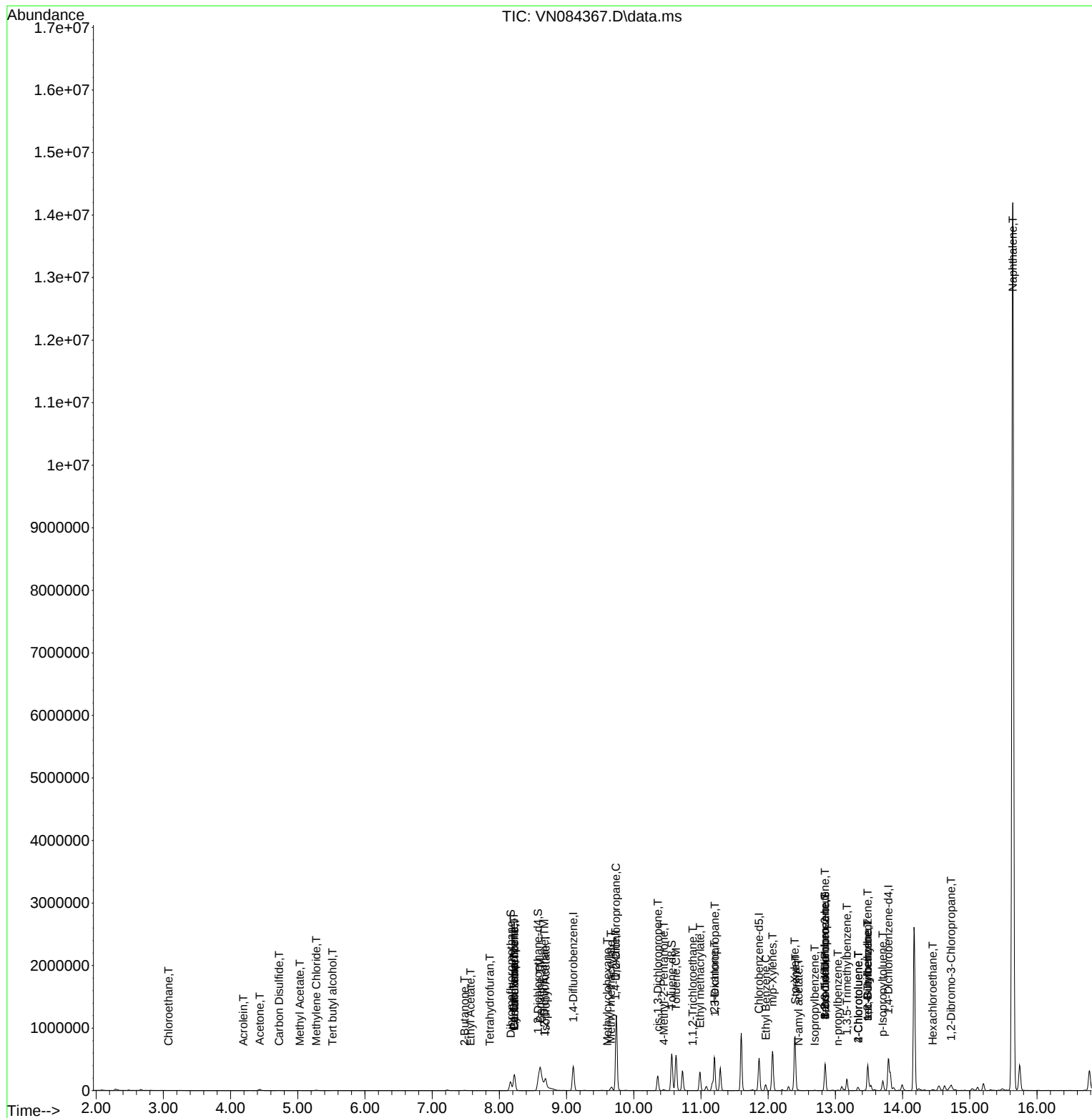
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	13.341	91	5031	0.652	ug/l	78
80) 1,3,5-Trimethylbenzene	13.170	105	100537	11.805	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	77577	66.587	ug/l #	11
82) 4-Chlorotoluene	13.341	91	5031	0.647	ug/l	78
83) tert-Butylbenzene	13.482	119	26505	3.502	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.482	105	241350	28.132	ug/l	92
85) sec-Butylbenzene	13.482	105	241350	23.894	ug/l #	57
86) p-Isopropyltoluene	13.706	119	8898	1.065	ug/l #	51
90) Hexachloroethane	14.447	117	5586	3.295	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2659	4.104	ug/l #	5
95) Naphthalene	15.641	128	12946878	1711.553	ug/l	99

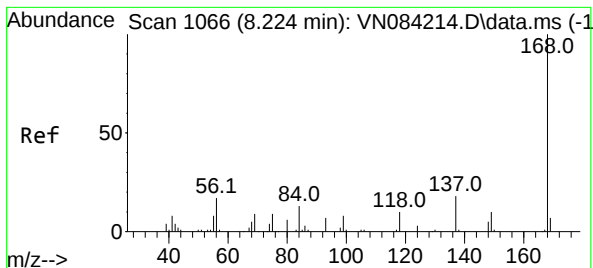
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

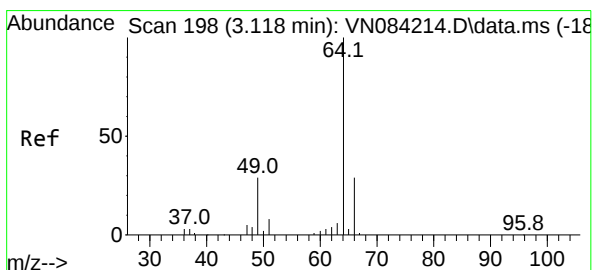
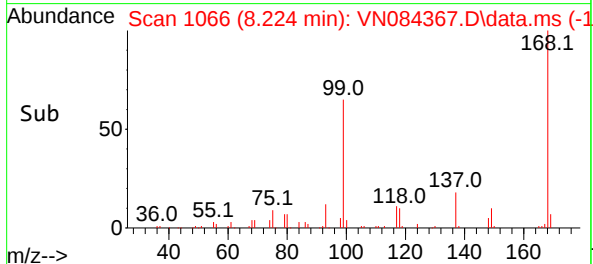
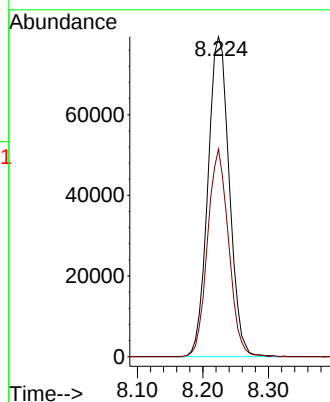
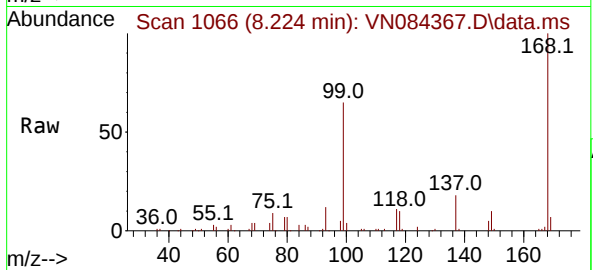
ClientSampleId :

Tgt Ion:168 Resp: 179883

Ion Ratio Lower Upper

168 100

99 64.9 54.2 81.2



#6

Chloroethane

Concen: 0.247 ug/l

RT: 3.077 min Scan# 191

Delta R.T. -0.041 min

Lab File: VN084367.D

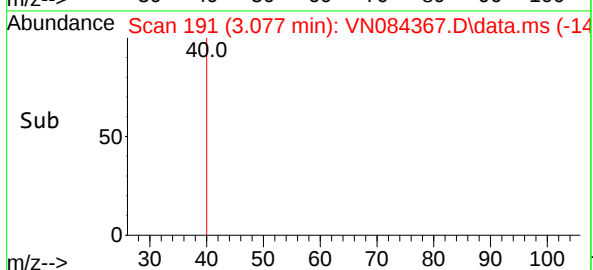
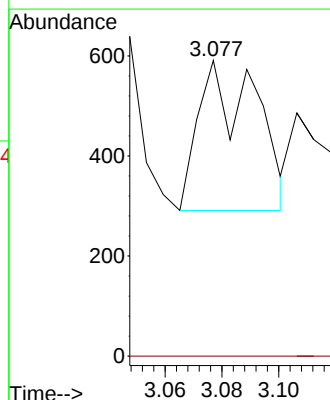
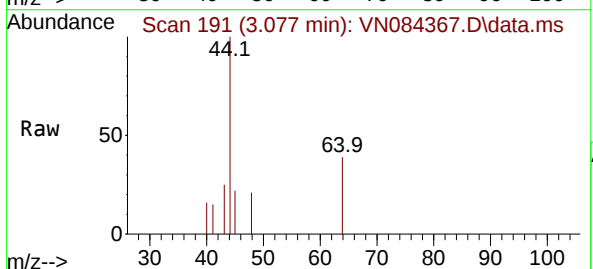
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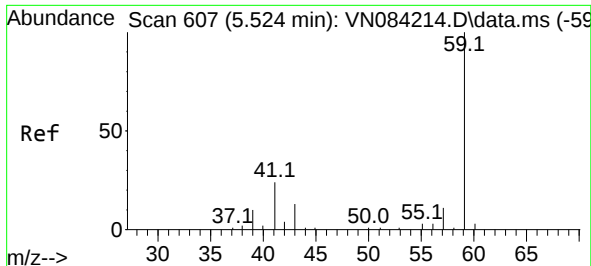
Tgt Ion: 64 Resp: 417

Ion Ratio Lower Upper

64 100

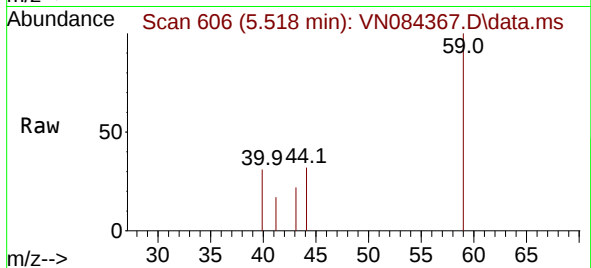
66 0.0 23.5 35.3#



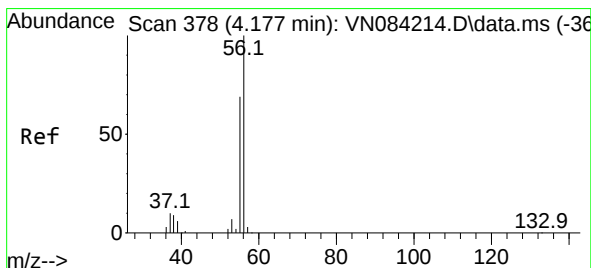
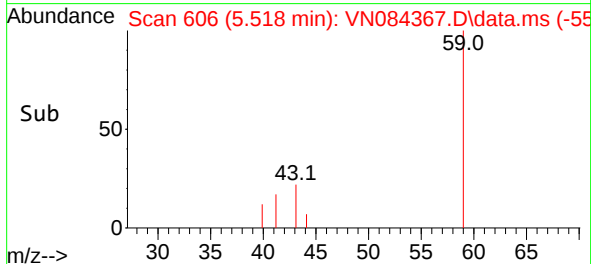
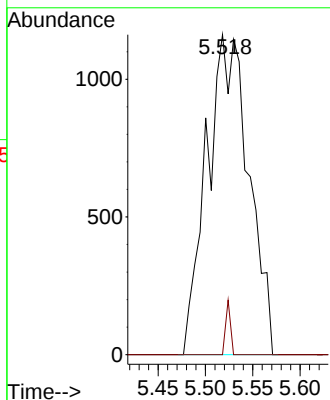


#11
Tert butyl alcohol
Concen: 8.159 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

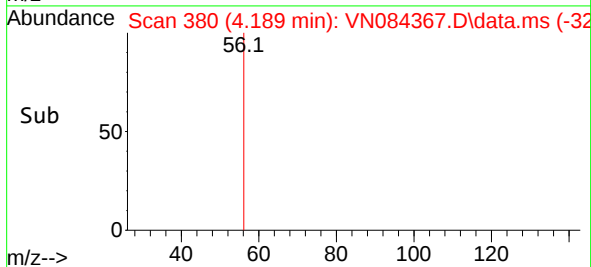
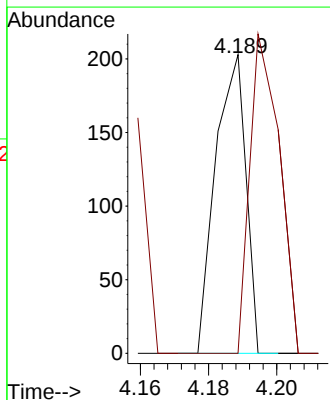
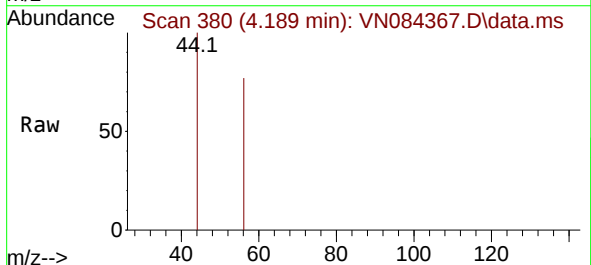


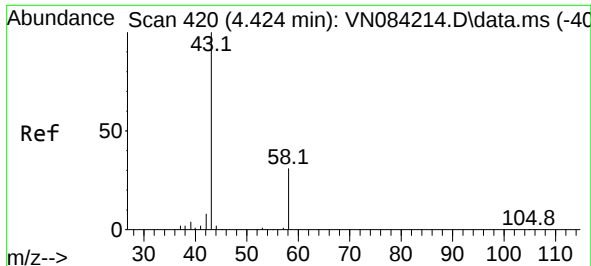
Tgt Ion: 59 Resp: 3588
Ion Ratio Lower Upper
59 100
57 2.0 8.2 12.2#



#13
Acrolein
Concen: 0.248 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 104.0 57.2 85.8#

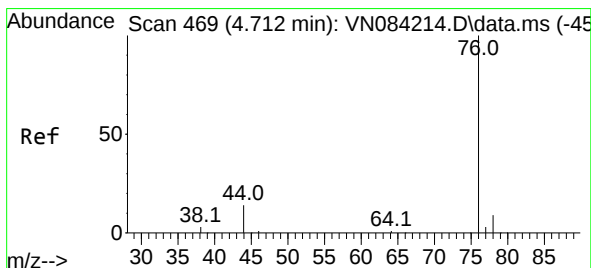
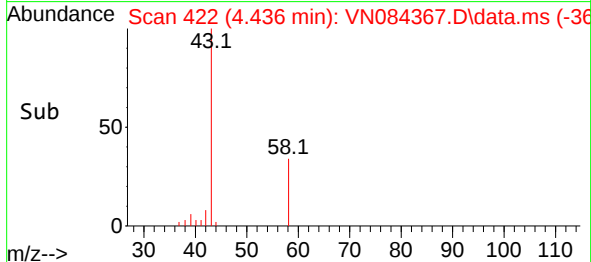
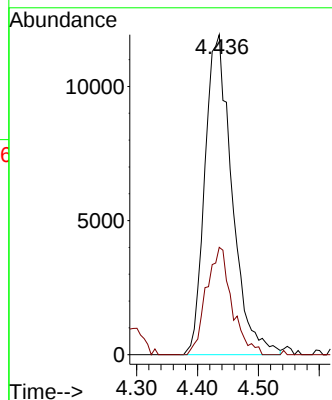
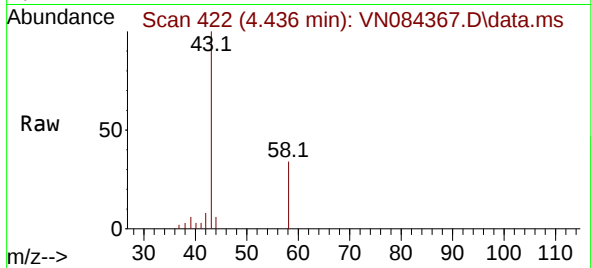




#16
Acetone
Concen: 32.185 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

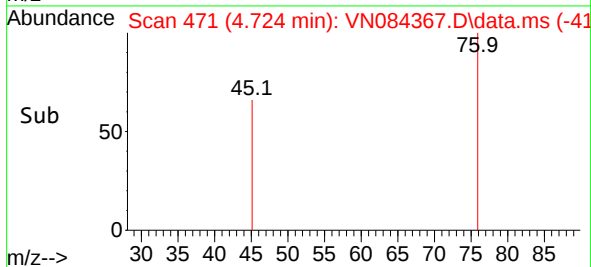
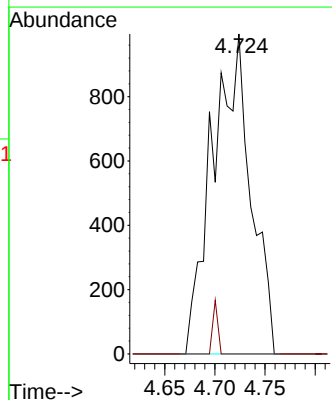
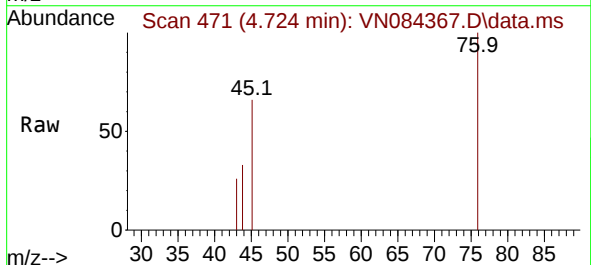
Instrument :
MSVOA_N
ClientSampleId :

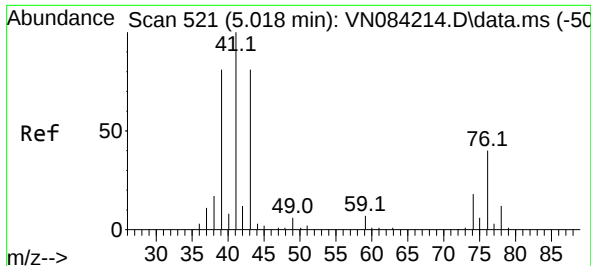
Tgt Ion: 43 Resp: 36875
Ion Ratio Lower Upper
43 100
58 33.5 24.4 36.6



#17
Carbon Disulfide
Concen: 0.413 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

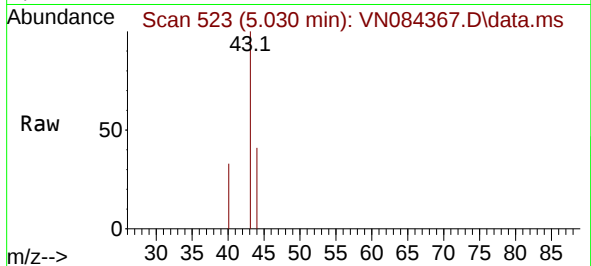
Tgt Ion: 76 Resp: 2648
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



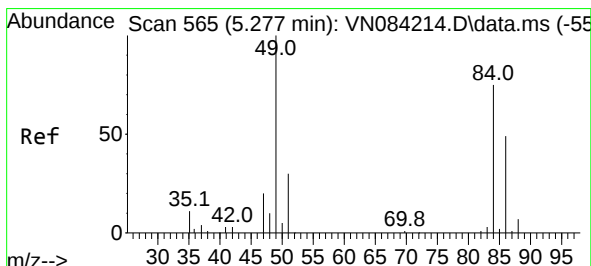
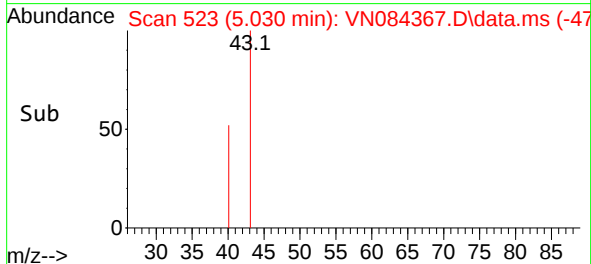
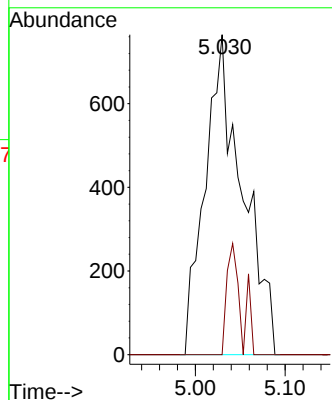


#18
Methyl Acetate
Concen: 0.884 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

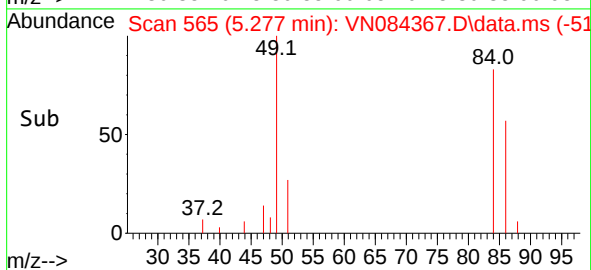
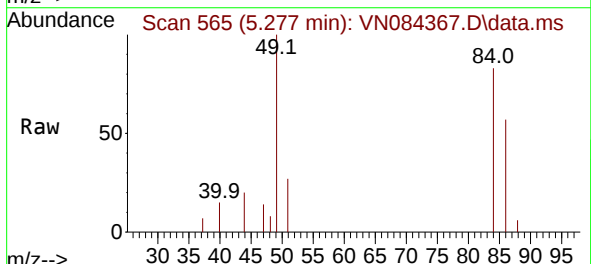
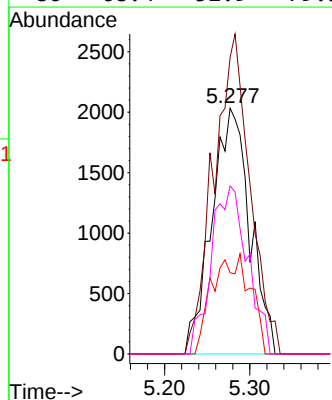


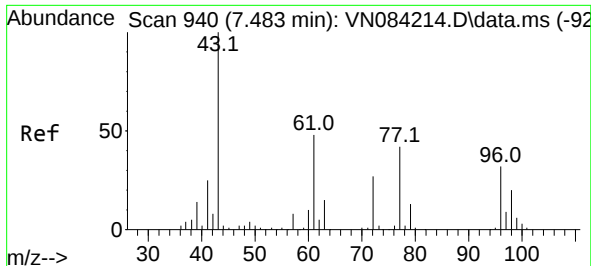
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
74 10.2 19.2 28.8#



#20
Methylene Chloride
Concen: 2.714 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 84 Resp: 6320
Ion Ratio Lower Upper
84 100
49 120.7 107.2 160.8
51 33.0 31.8 47.8
86 68.4 52.9 79.3





#25

2-Butanone

Concen: 6.441 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

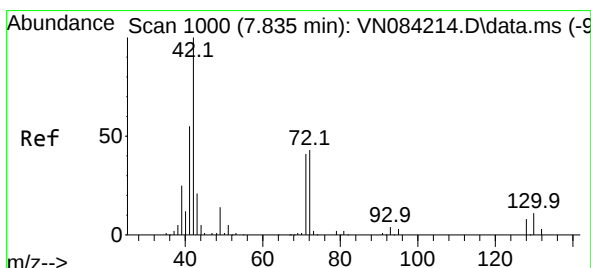
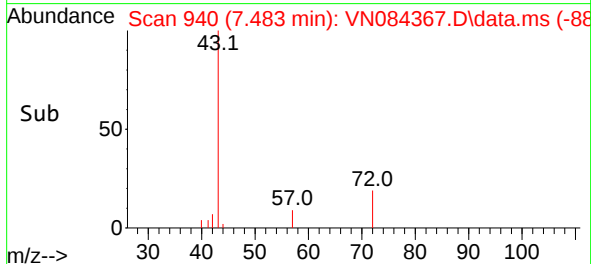
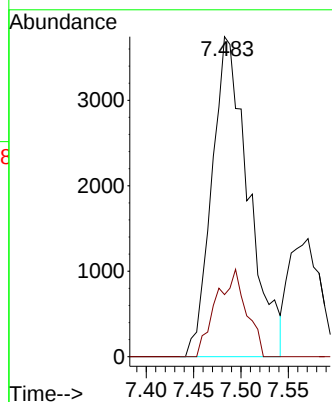
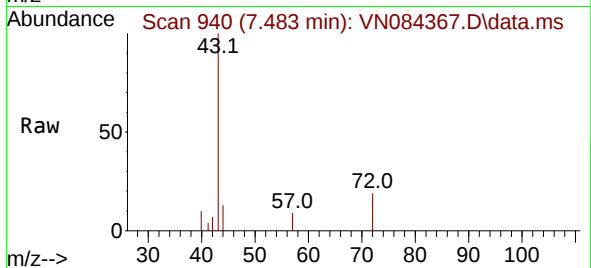
ClientSampleId :

Tgt Ion: 43 Resp: 10051

Ion Ratio Lower Upper

43 100

72 19.4 21.4 32.2#



#29

Tetrahydrofuran

Concen: 0.683 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.023 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

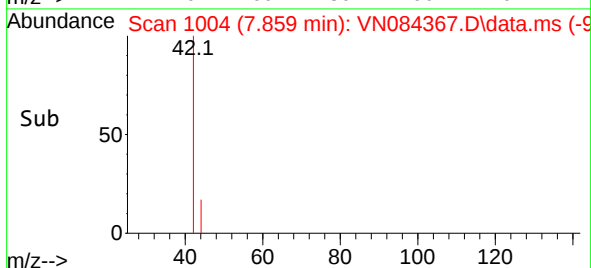
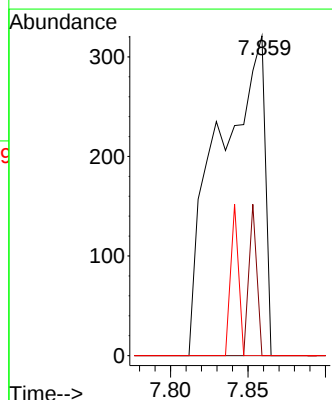
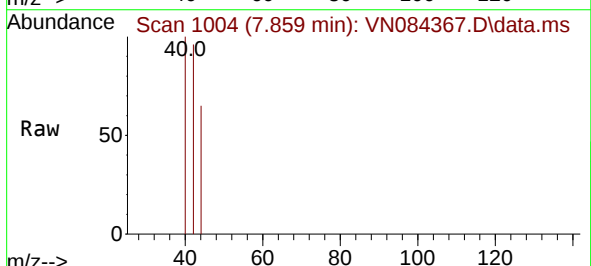
Tgt Ion: 42 Resp: 658

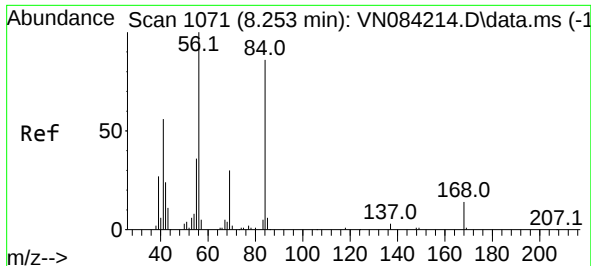
Ion Ratio Lower Upper

42 100

72 8.2 34.6 51.8#

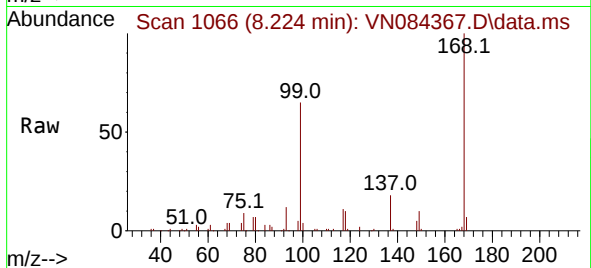
71 8.2 32.2 48.4#



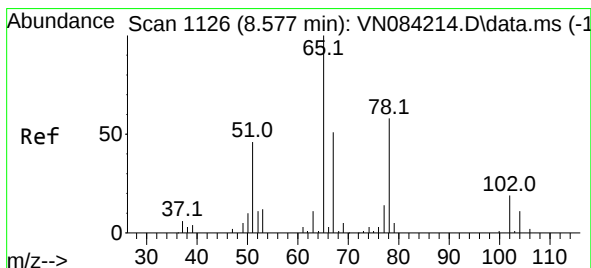
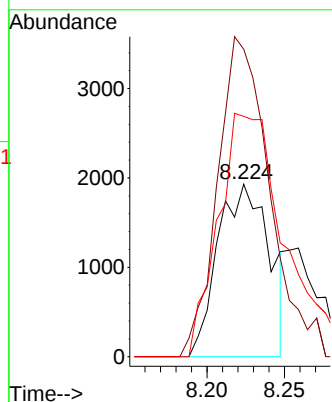
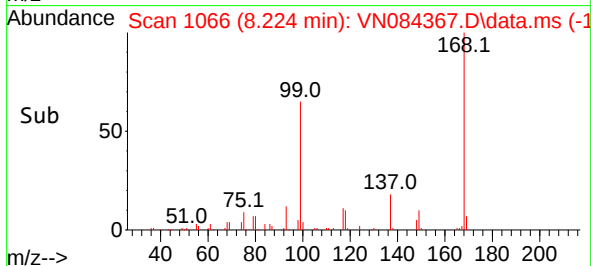


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Instrument :
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ClientSampleId :

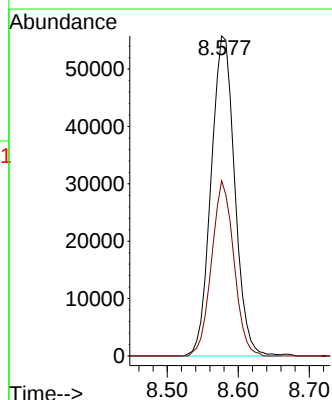
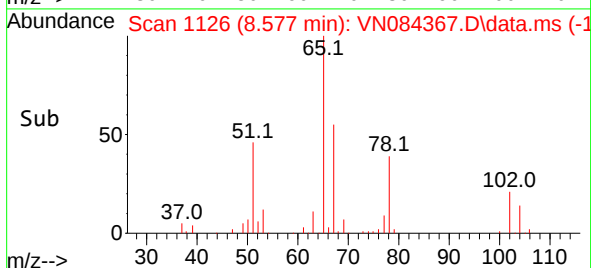
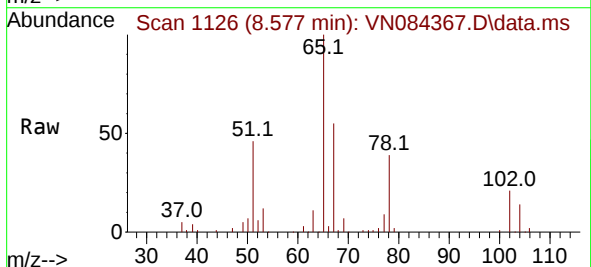


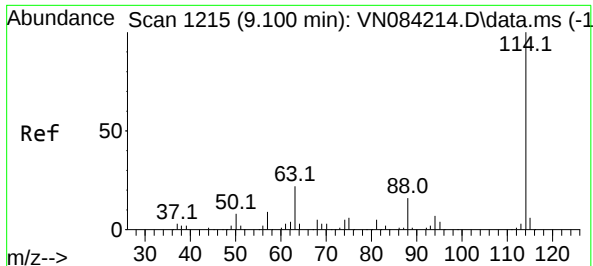
Tgt Ion: 56 Resp: 4480
Ion Ratio Lower Upper
56 100
69 178.3 23.8 35.6#
84 139.3 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.273 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 65 Resp: 128749
Ion Ratio Lower Upper
65 100
67 51.7 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: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

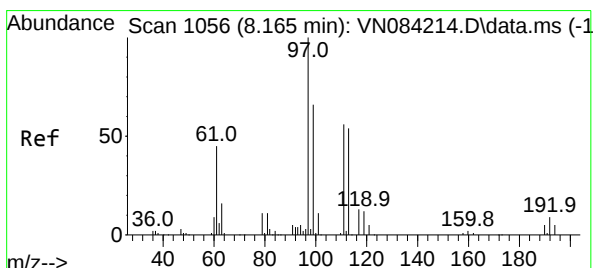
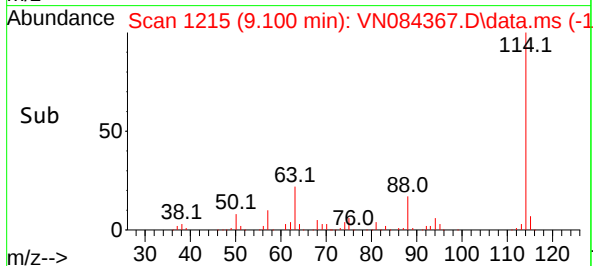
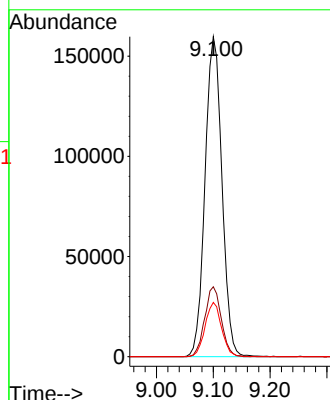
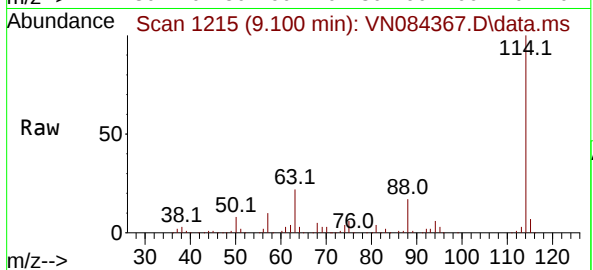
Tgt Ion:114 Resp: 329369

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 16.9 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.219 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

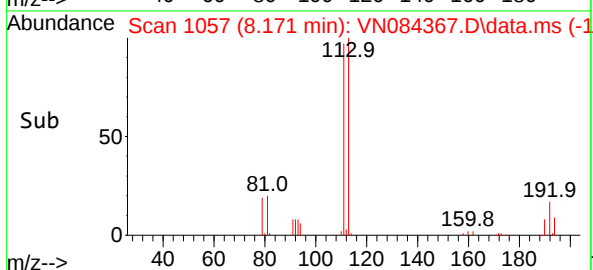
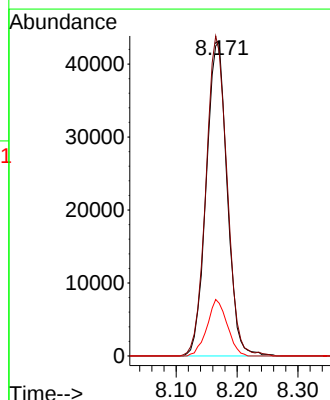
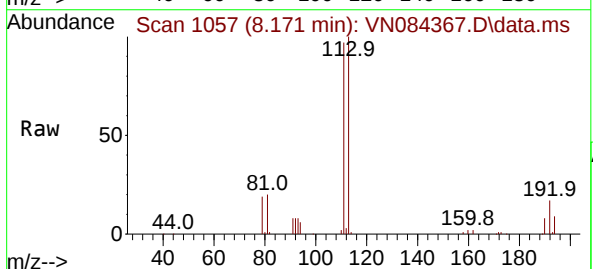
Tgt Ion:113 Resp: 102531

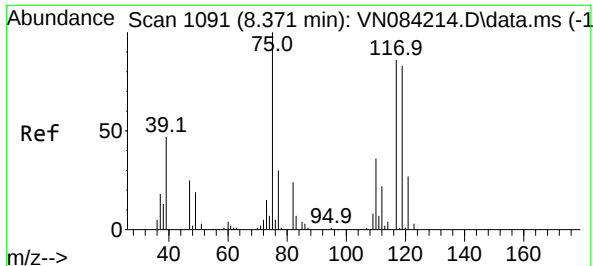
Ion Ratio Lower Upper

113 100

111 102.8 83.3 124.9

192 17.3 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.014 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

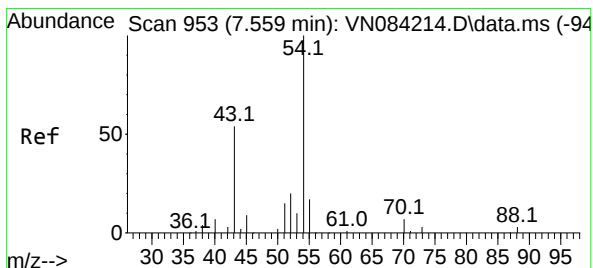
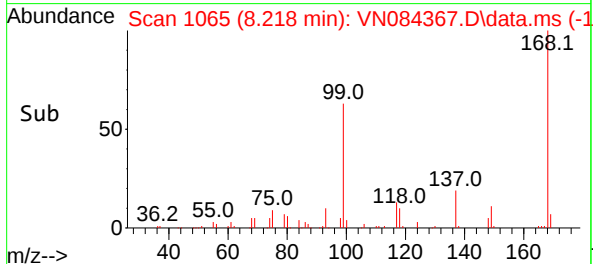
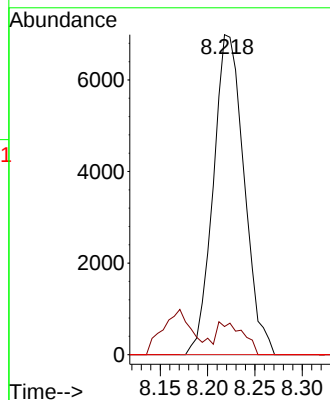
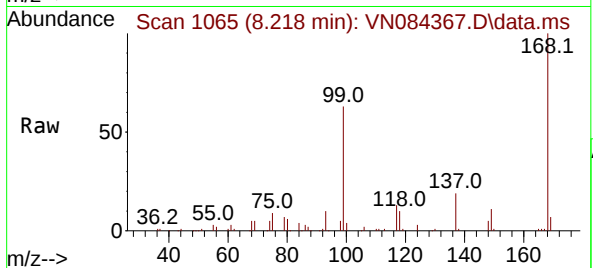
Tgt Ion: 75 Resp: 15814

Ion Ratio Lower Upper

75 100

110 9.7 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.029 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

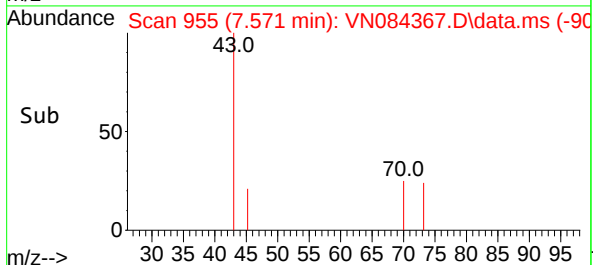
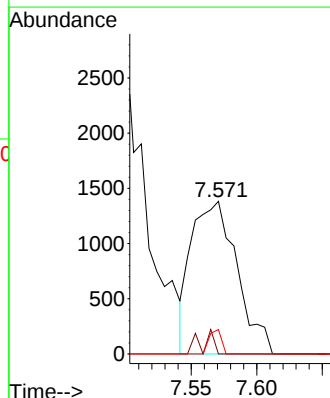
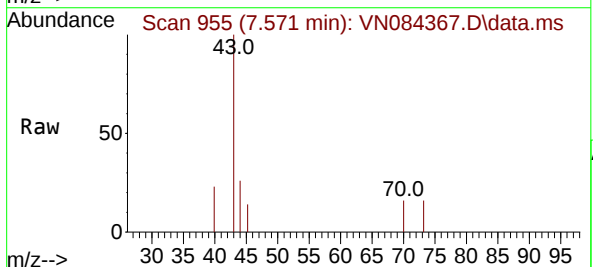
Tgt Ion: 43 Resp: 3330

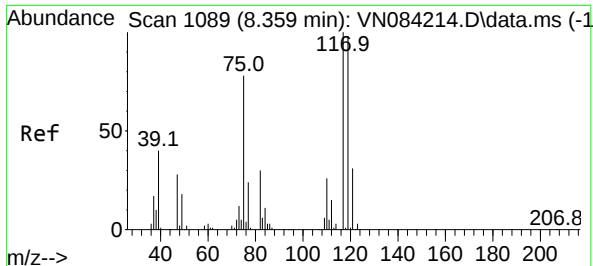
Ion Ratio Lower Upper

43 100

61 2.0 10.7 16.1#

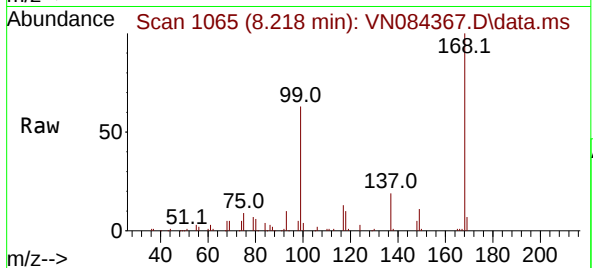
70 4.3 8.8 13.2#



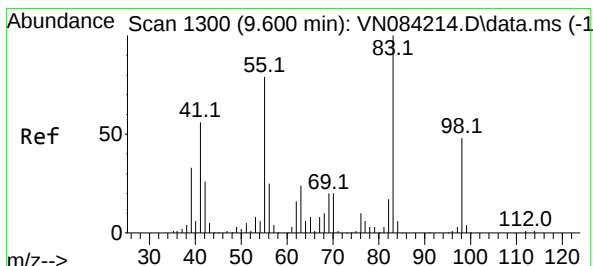
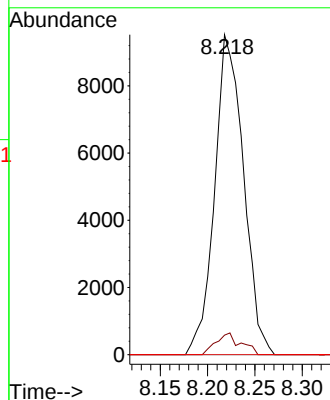
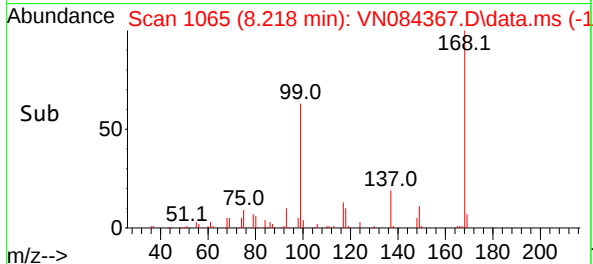


#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 8.218 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

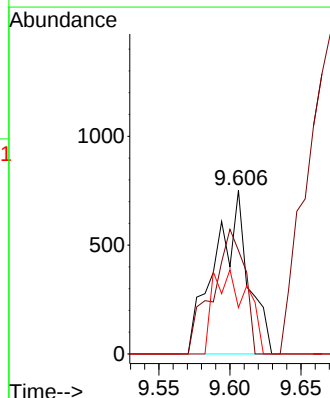
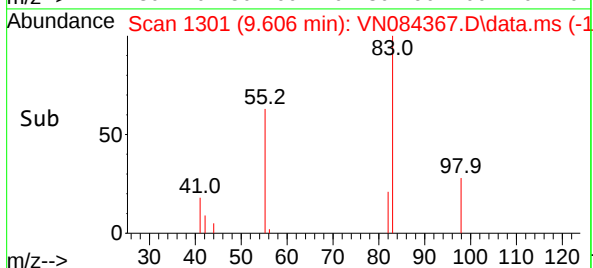
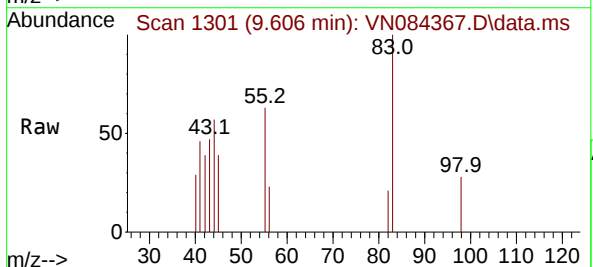


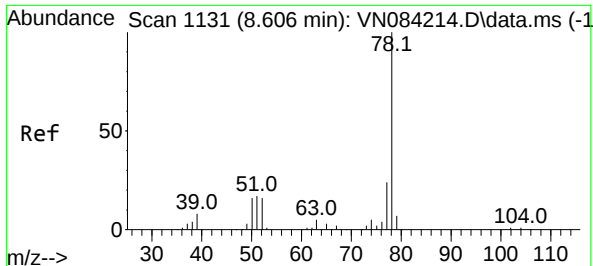
Tgt Ion:117 Resp: 20186
Ion Ratio Lower Upper
117 100
119 6.1 78.7 118.1#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.348 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 83 Resp: 1221
Ion Ratio Lower Upper
83 100
55 63.3 62.8 94.2
98 28.3 38.8 58.2#

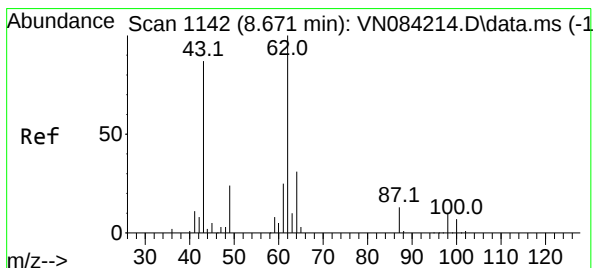
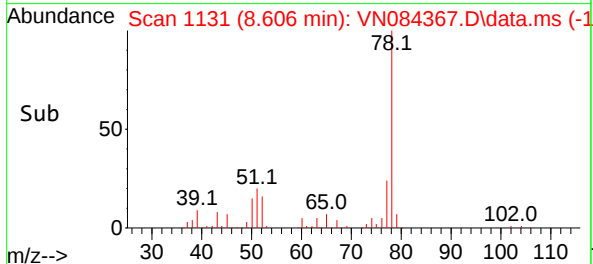
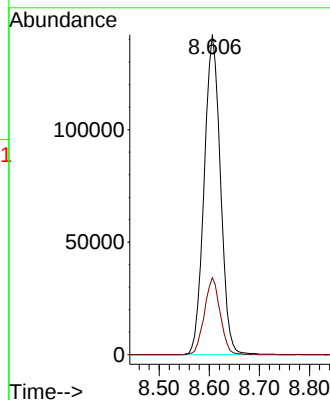
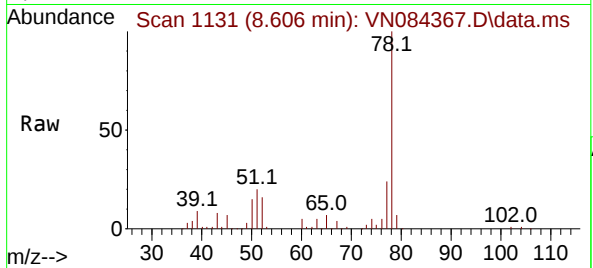




#40
Benzene
Concen: 32.645 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

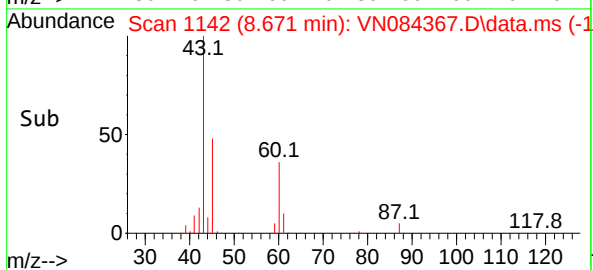
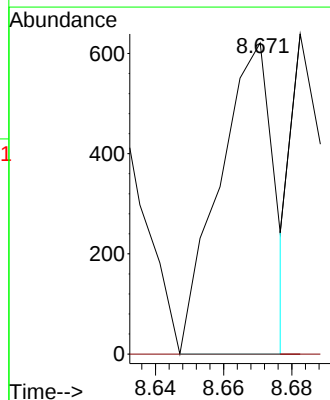
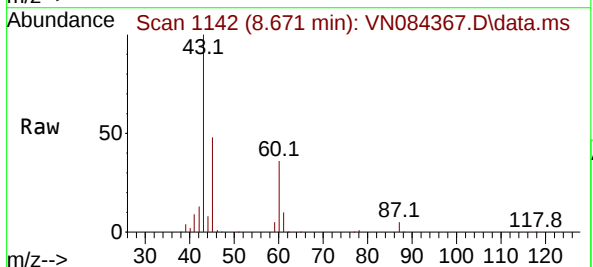
Instrument :
MSVOA_N
ClientSampleId :

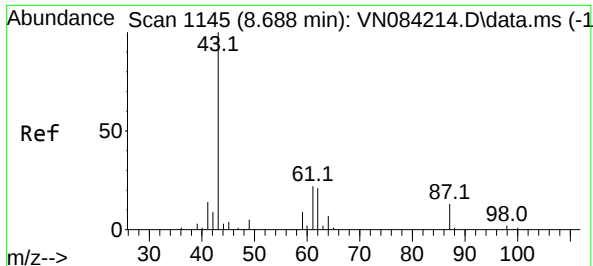
Tgt Ion: 78 Resp: 320802
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



#42
1,2-Dichloroethane
Concen: 0.210 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 62 Resp: 699
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

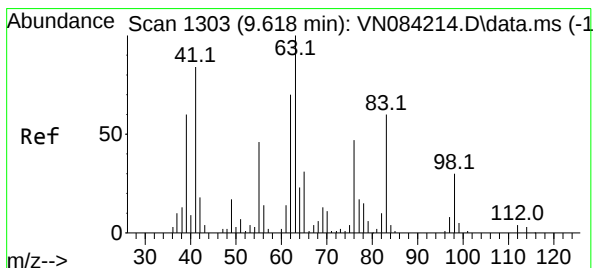
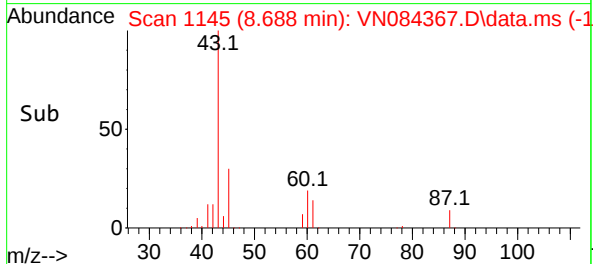
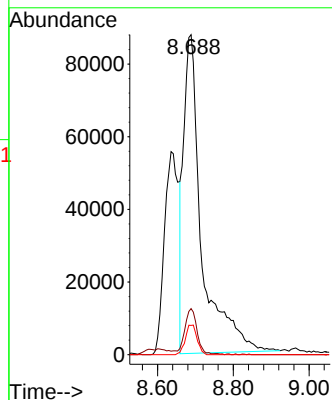
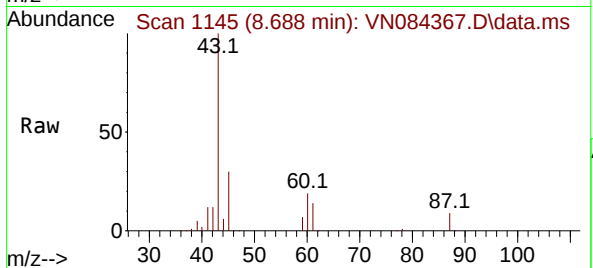




#43
Isopropyl Acetate
Concen: 46.101 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

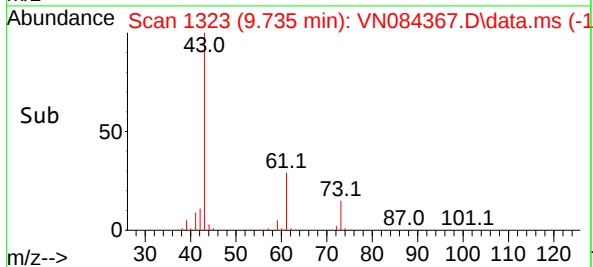
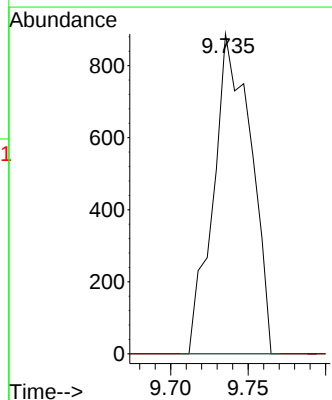
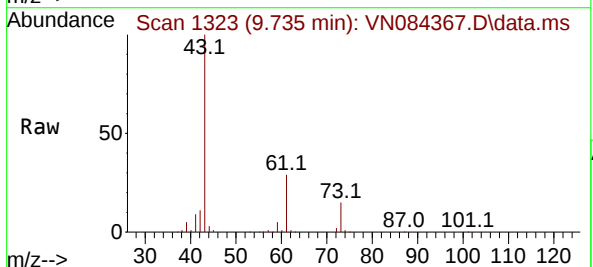
Instrument :
MSVOA_N
ClientSampleId :

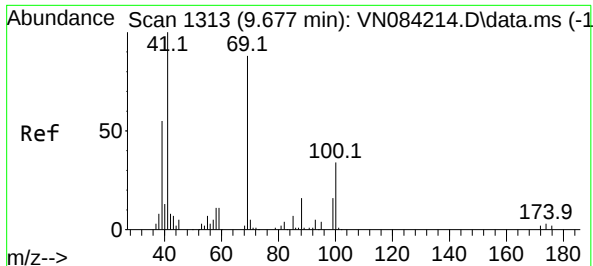
Tgt Ion: 43 Resp: 292185
Ion Ratio Lower Upper
43 100
61 9.1 20.4 30.6#
87 6.0 10.3 15.5#



#45
1,2-Dichloropropane
Concen: 0.646 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.118 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 63 Resp: 1501
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#





#48

Methyl methacrylate

Concen: 1.568 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.018 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

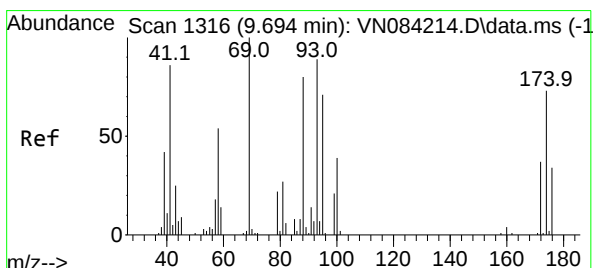
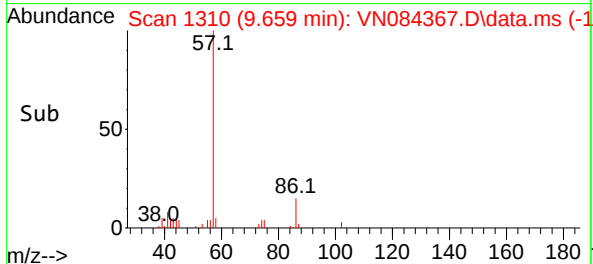
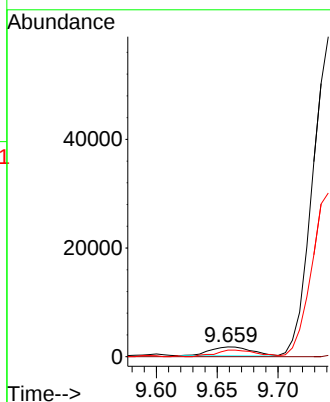
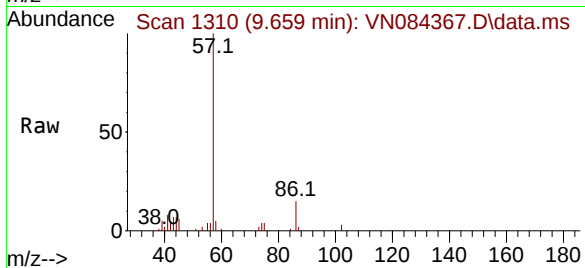
Tgt Ion: 41 Resp: 3956

Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 71.9 45.8 68.6#



#49

1,4-Dioxane

Concen: 1.163 ug/l

RT: 9.729 min Scan# 1322

Delta R.T. 0.035 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

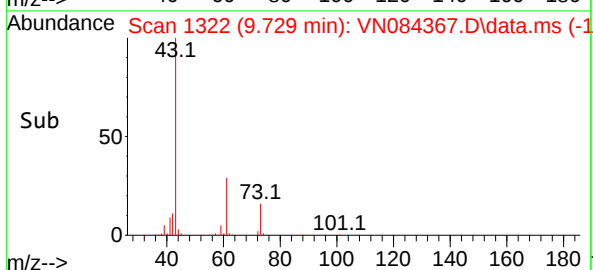
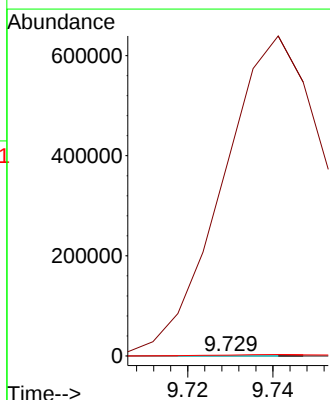
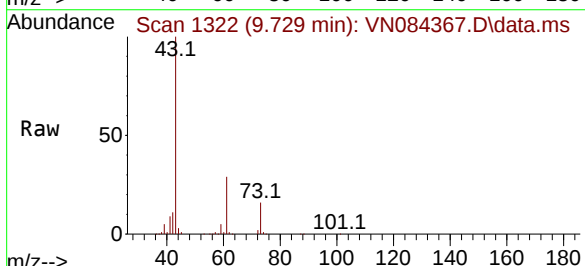
Tgt Ion: 88 Resp: 54

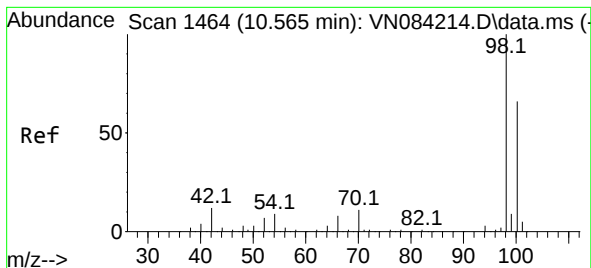
Ion Ratio Lower Upper

88 100

43 2093550.0 25.3 37.9#

58 9864.8 56.4 84.6#

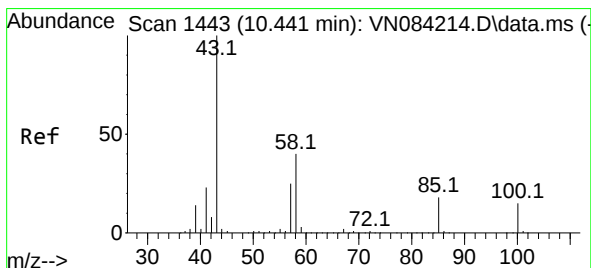
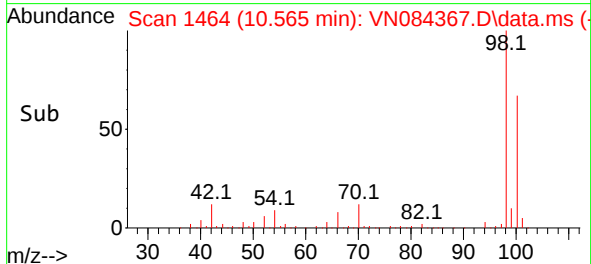
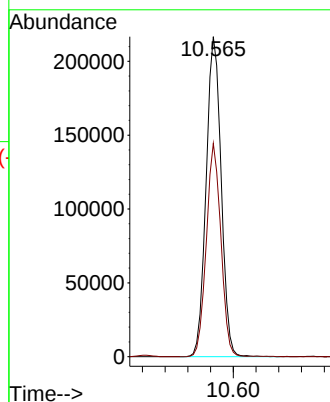
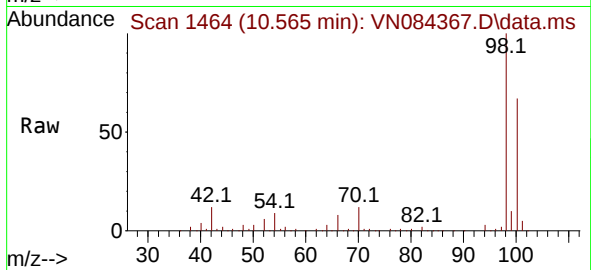




#50
Toluene-d8
Concen: 49.606 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

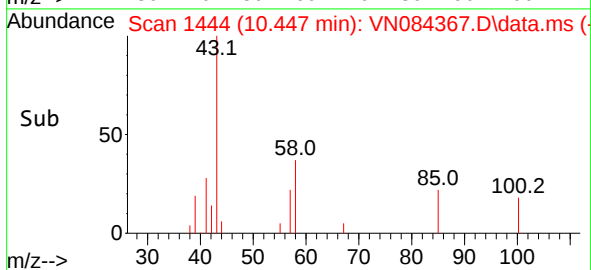
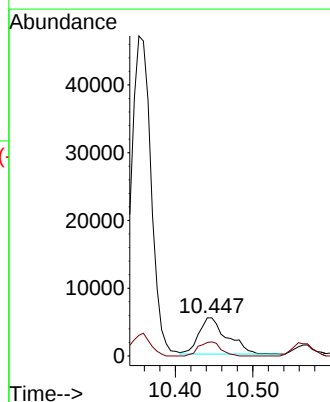
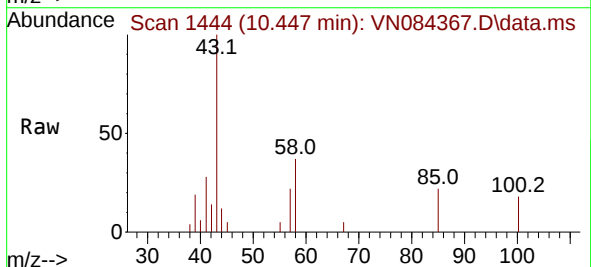
Instrument :
MSVOA_N
ClientSampleId :

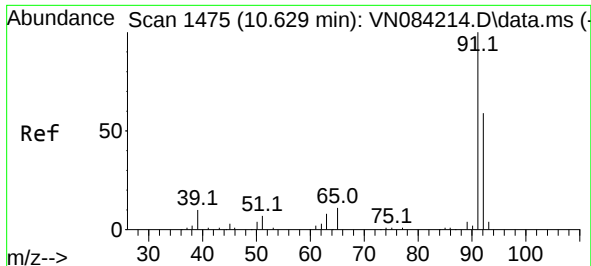
Tgt Ion: 98 Resp: 396296
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 4.369 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 43 Resp: 13459
Ion Ratio Lower Upper
43 100
58 30.4 31.6 47.4#

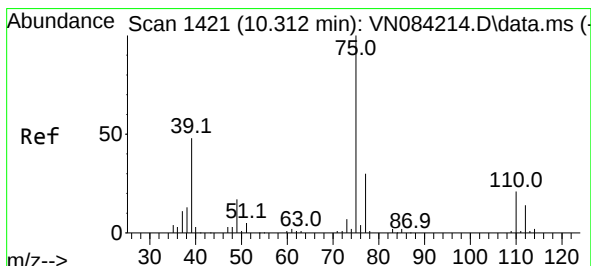
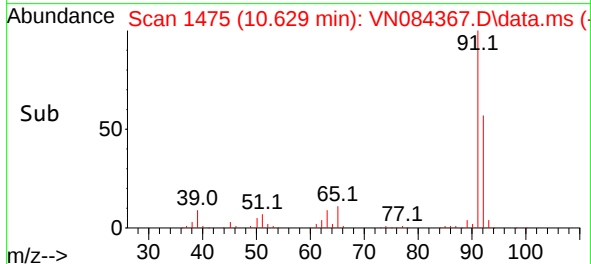
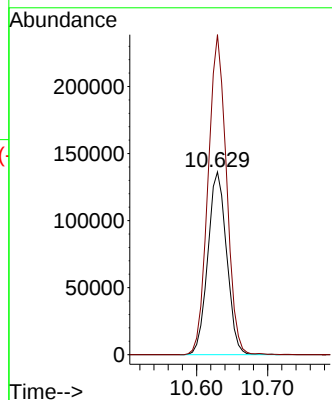
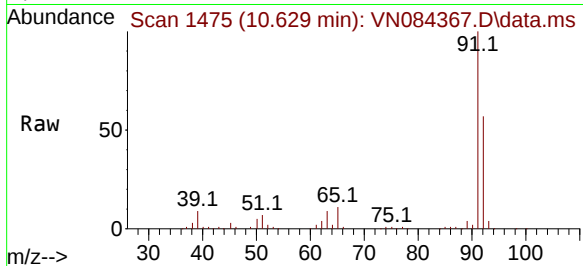




#52
Toluene
Concen: 41.860 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

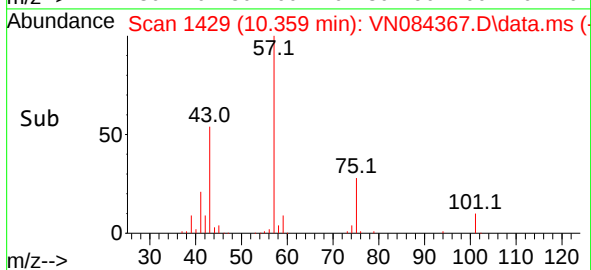
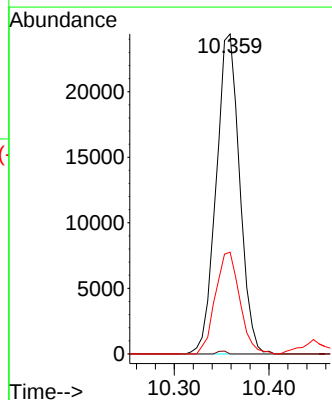
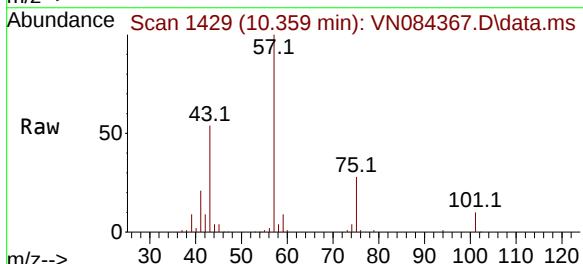
Instrument :
MSVOA_N
ClientSampleId :

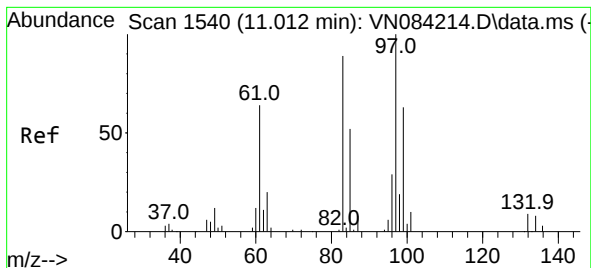
Tgt Ion: 92 Resp: 250843
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9



#54
cis-1,3-Dichloropropene
Concen: 10.977 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 75 Resp: 41950
Ion Ratio Lower Upper
75 100
77 0.0 24.2 36.2#
39 31.8 38.7 58.1#





#55

1,1,2-Trichloroethane

Concen: 0.255 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.135 min

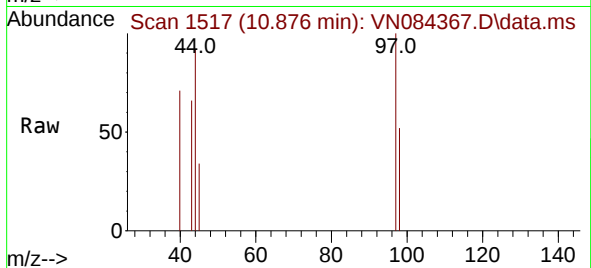
Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 548

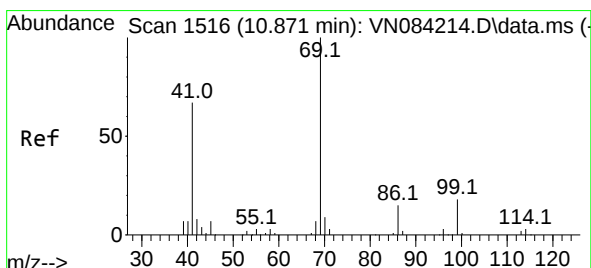
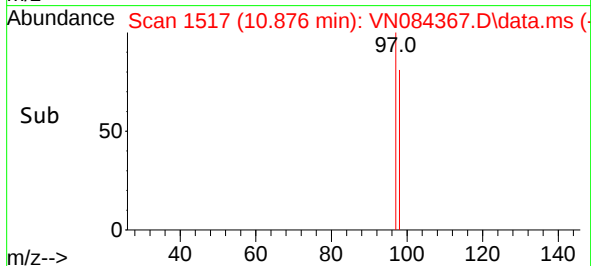
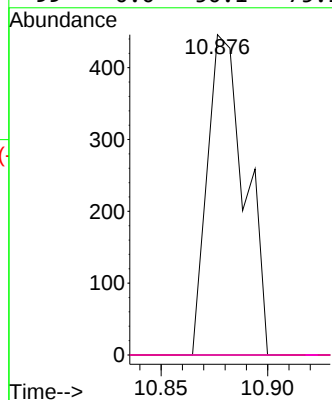
Ion Ratio Lower Upper

97 100

83 0.0 71.0 106.4#

85 0.0 41.7 62.5#

99 0.0 50.1 75.1#



#56

Ethyl methacrylate

Concen: 0.421 ug/l

RT: 10.988 min Scan# 1536

Delta R.T. 0.118 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

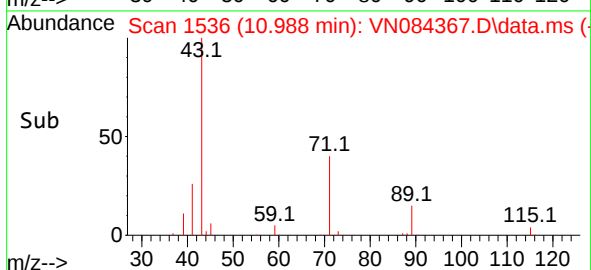
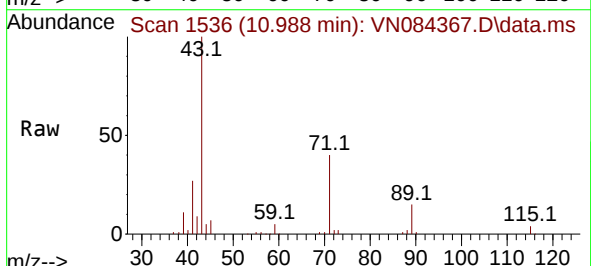
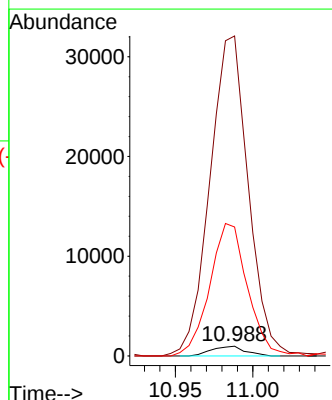
Tgt Ion: 69 Resp: 1489

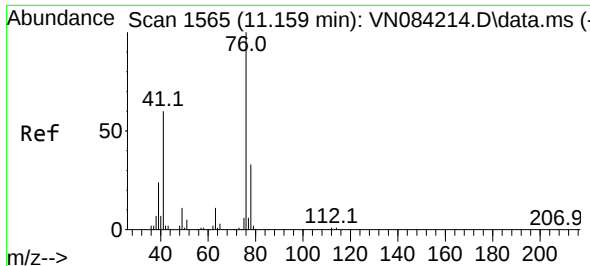
Ion Ratio Lower Upper

69 100

41 3723.2 53.3 79.9#

39 1512.9 28.8 43.2#





#57

1,3-Dichloropropane

Concen: 1.390 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.047 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

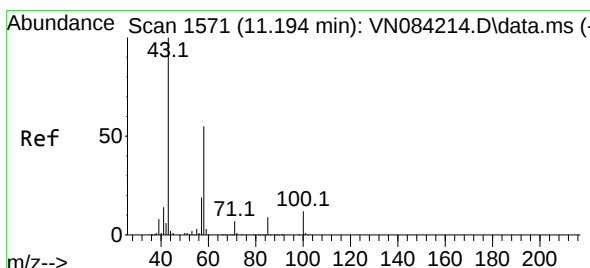
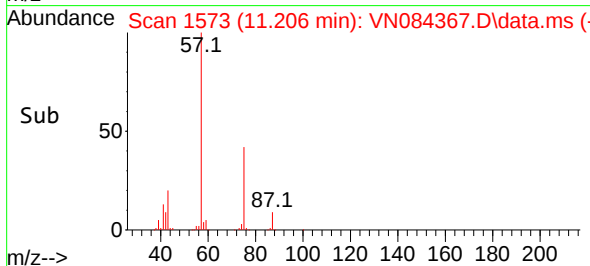
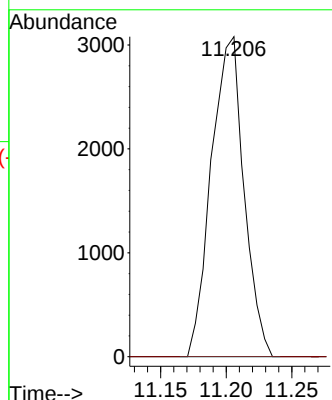
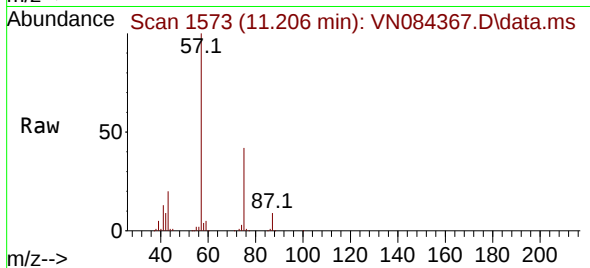
ClientSampleId :

Tgt Ion: 76 Resp: 5335

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 28.638 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN084367.D

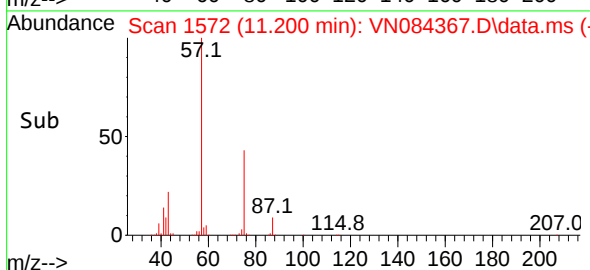
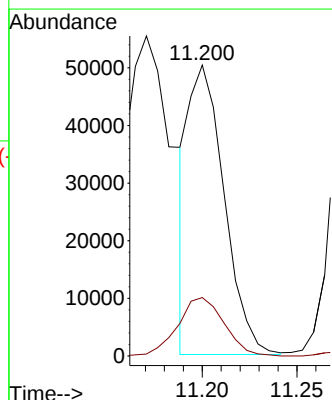
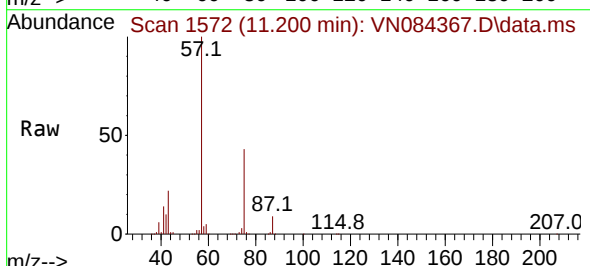
Acq: 09 Oct 2024 15:08

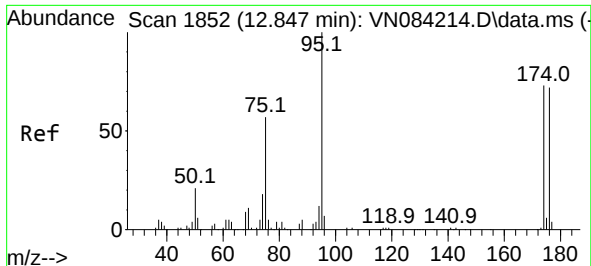
Tgt Ion: 43 Resp: 65932

Ion Ratio Lower Upper

43 100

58 26.2 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 51.024 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

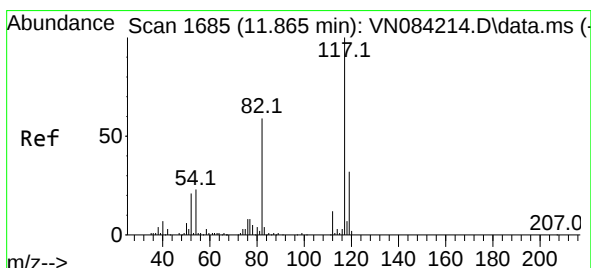
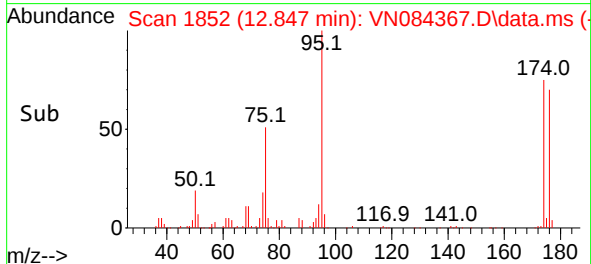
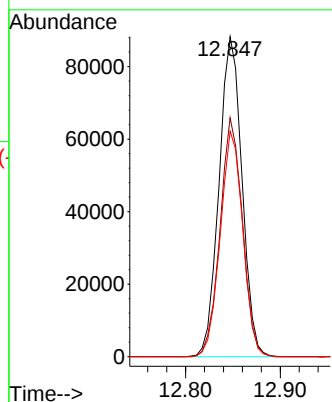
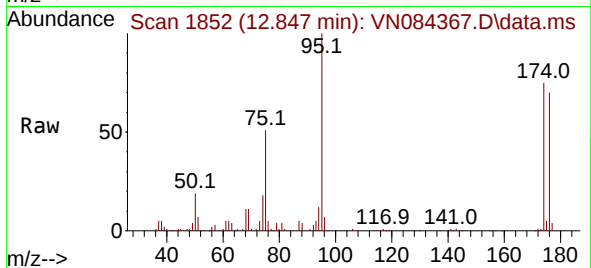
Tgt Ion: 95 Resp: 148502

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.2

176 69.3 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: VN084367.D

Acq: 09 Oct 2024 15:08

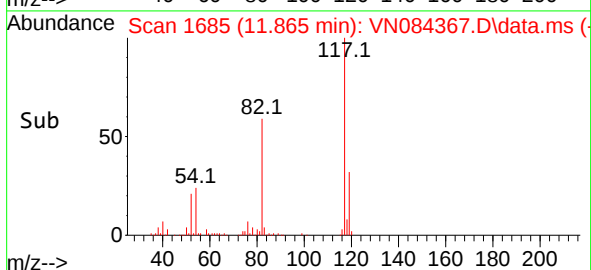
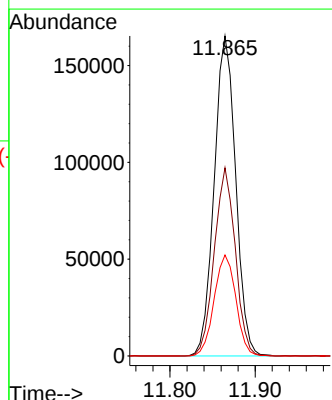
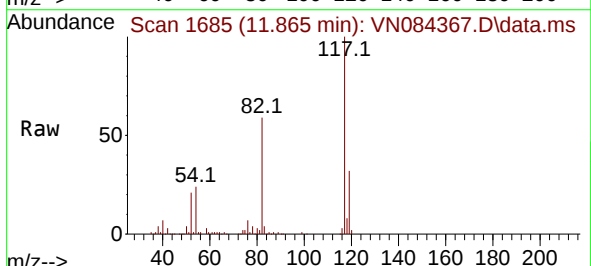
Tgt Ion: 117 Resp: 289685

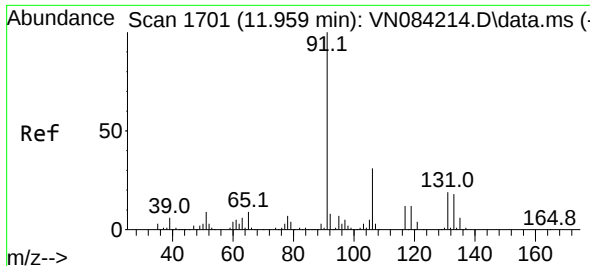
Ion Ratio Lower Upper

117 100

82 58.8 47.2 70.8

119 31.6 25.4 38.0

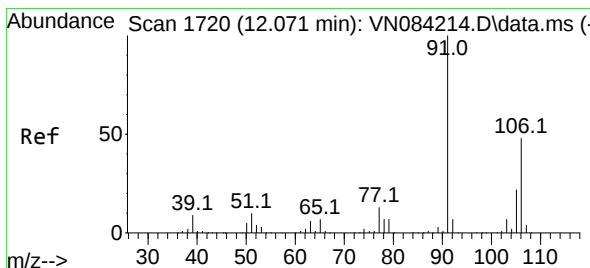
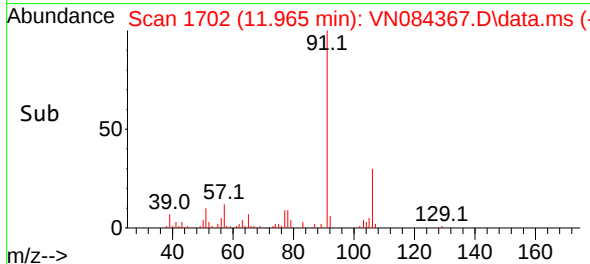
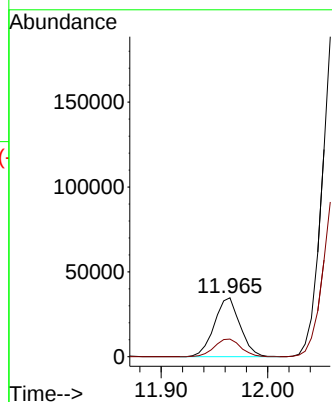
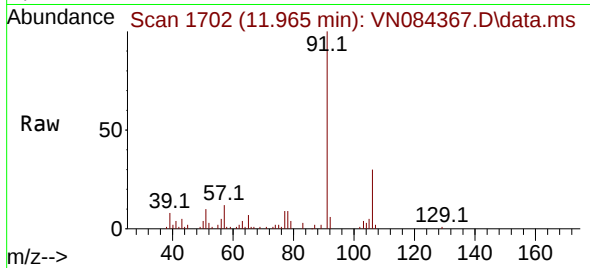




#67
Ethyl Benzene
Concen: 5.113 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

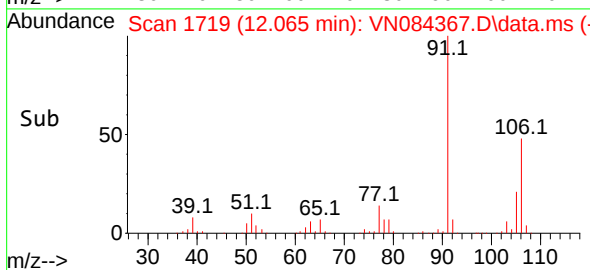
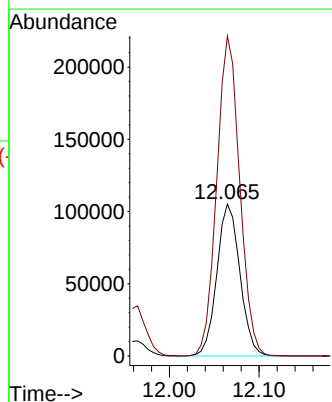
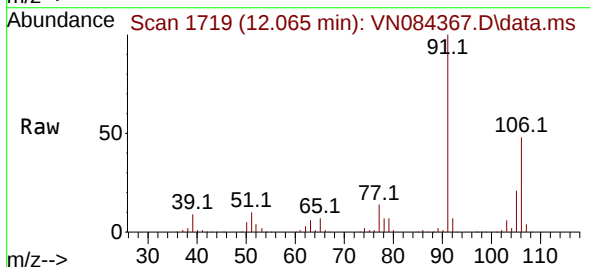
Instrument :
MSVOA_N
ClientSampleId :

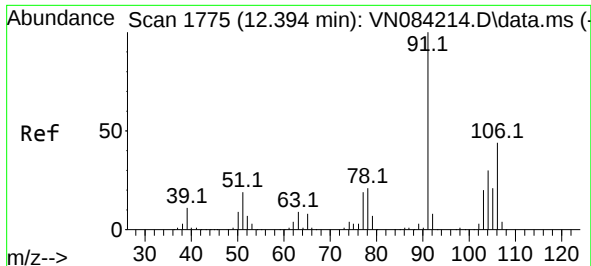
Tgt Ion: 91 Resp: 58075
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 44.611 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion:106 Resp: 187443
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7

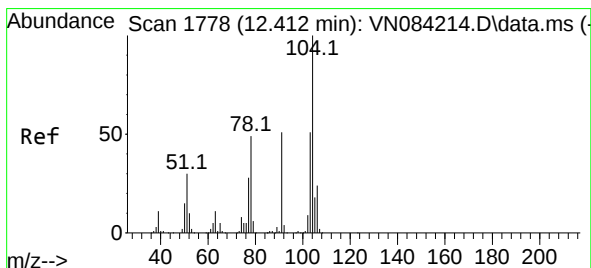
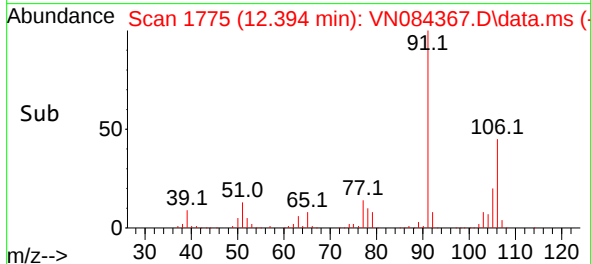
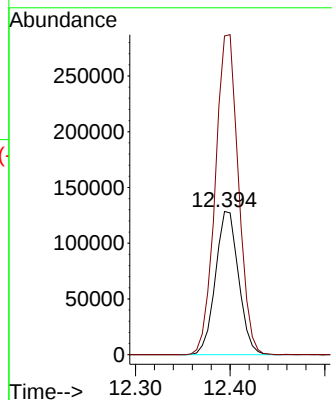
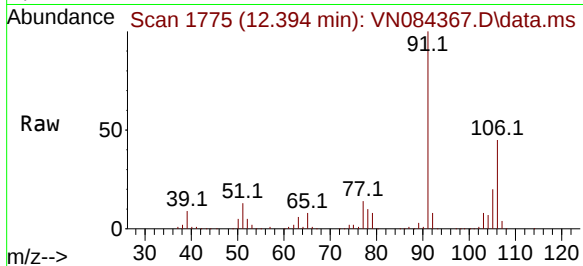




#69
o-Xylene
Concen: 54.845 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

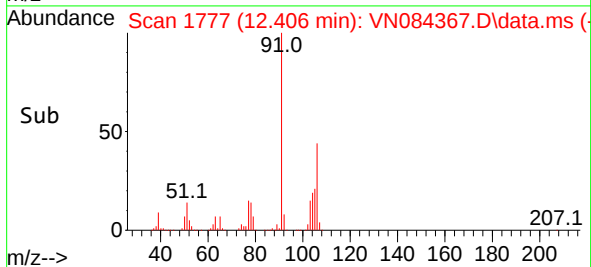
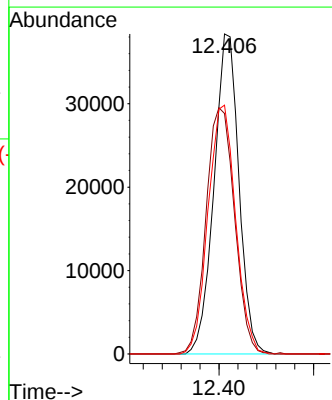
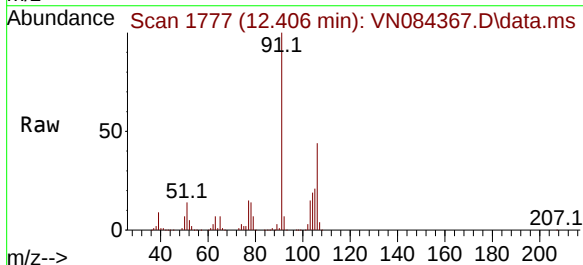
Instrument :
MSVOA_N
ClientSampleId :

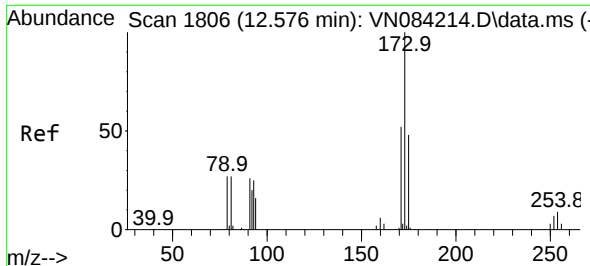
Tgt Ion:106 Resp: 218029
Ion Ratio Lower Upper
106 100
91 224.0 110.2 330.6



#70
Styrene
Concen: 10.404 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

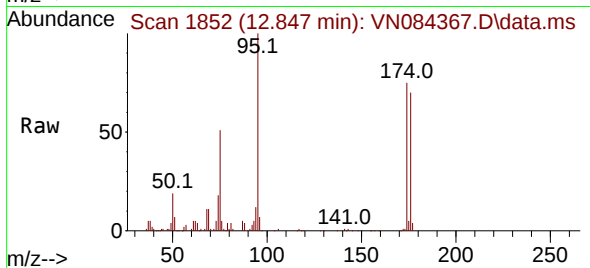
Tgt Ion:104 Resp: 70058
Ion Ratio Lower Upper
104 100
78 87.8 42.7 64.1#
103 85.6 43.6 65.4#



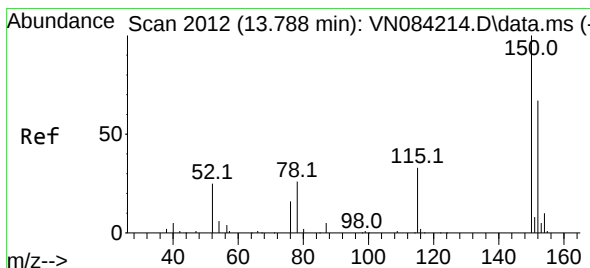
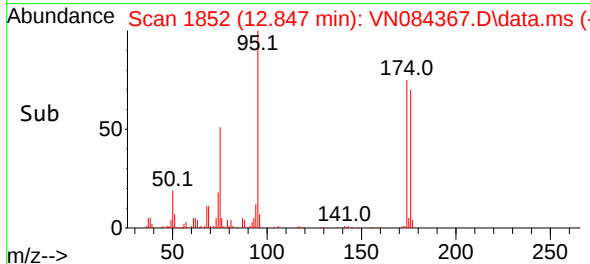
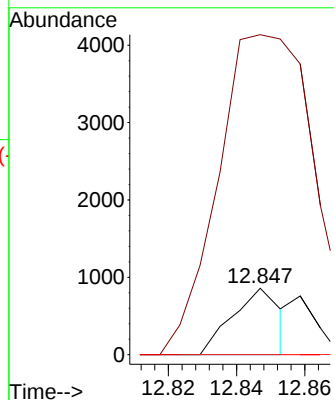


#71
Bromoform
Concen: 0.518 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

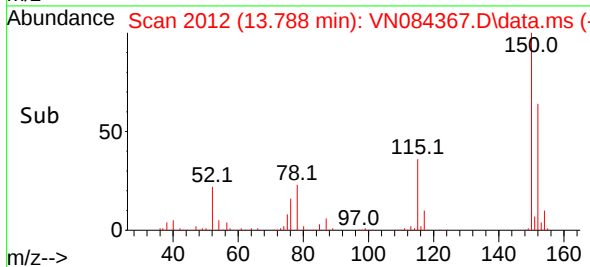
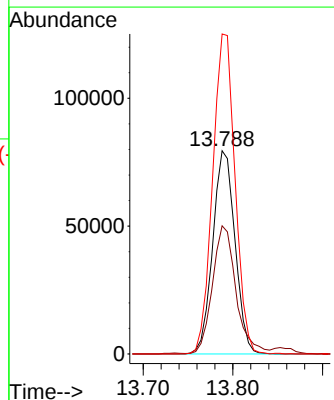
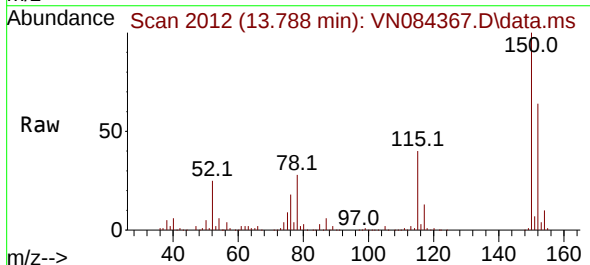


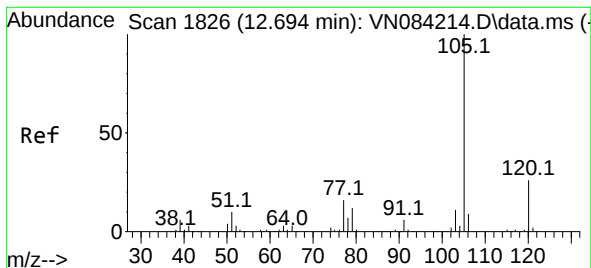
Tgt Ion:173 Resp: 844
Ion Ratio Lower Upper
173 100
175 676.9 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion:152 Resp: 136817
Ion Ratio Lower Upper
152 100
115 66.6 31.3 93.9
150 158.5 0.0 349.8





#73

Isopropylbenzene

Concen: 0.504 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

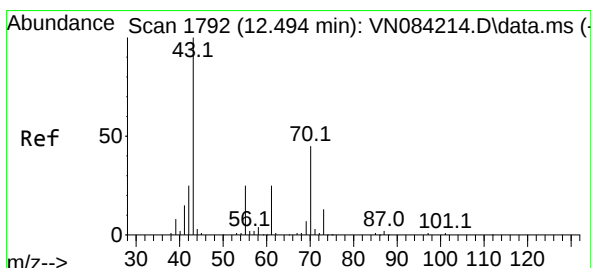
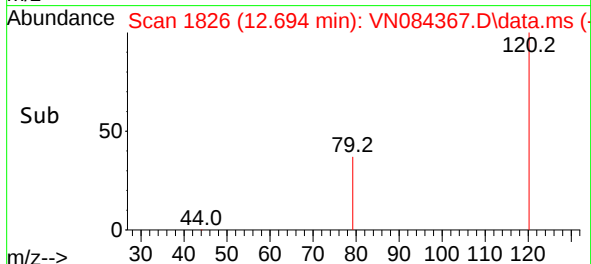
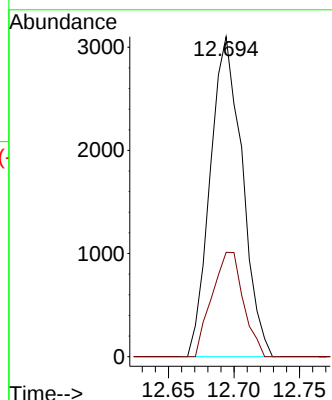
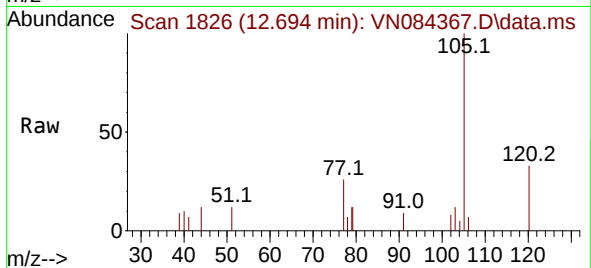
ClientSampleId :

Tgt Ion:105 Resp: 5267

Ion Ratio Lower Upper

105 100

120 31.9 12.9 38.7



#74

N-ethyl acetate

Concen: 0.859 ug/l

RT: 12.453 min Scan# 1785

Delta R.T. -0.041 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Tgt Ion: 43 Resp: 4059

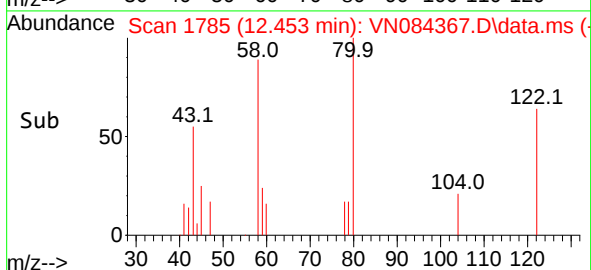
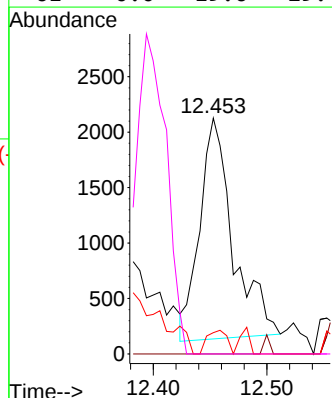
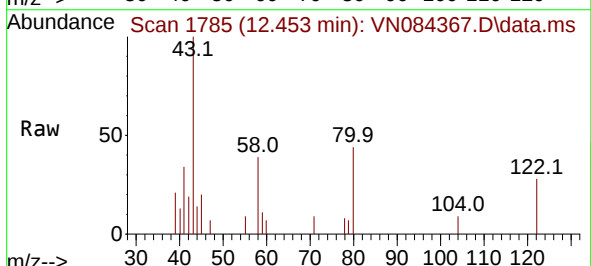
Ion Ratio Lower Upper

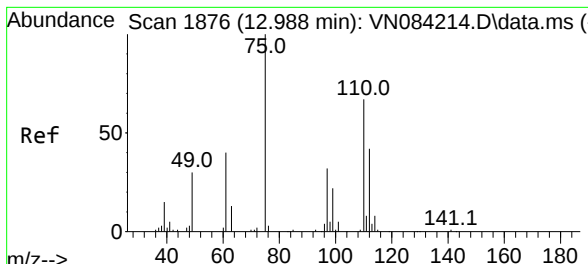
43 100

70 0.0 34.4 51.6#

55 6.4 19.6 29.4#

61 0.0 19.6 29.4#

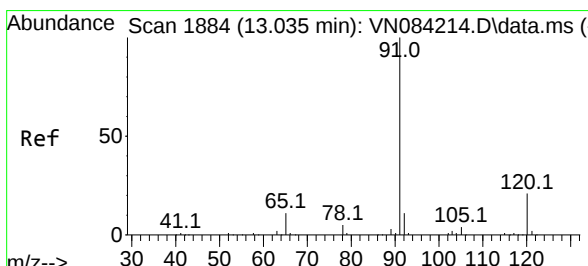
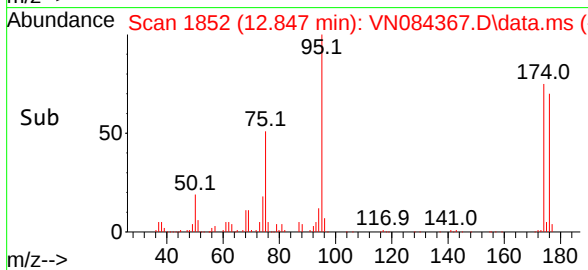
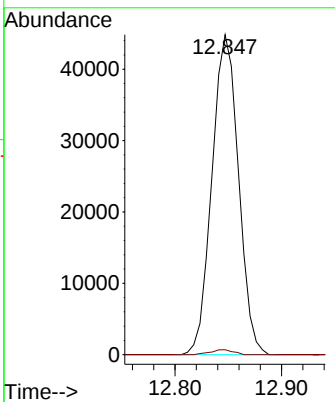
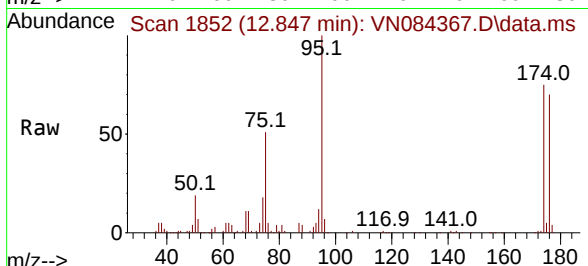




#76
 1,2,3-Trichloropropane
 Concen: 27.774 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08

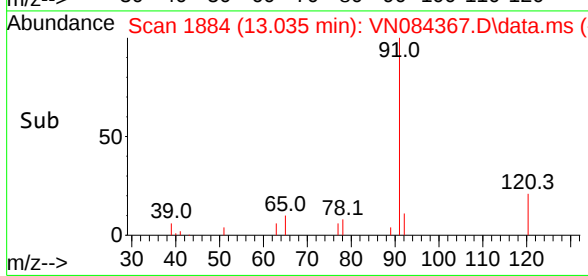
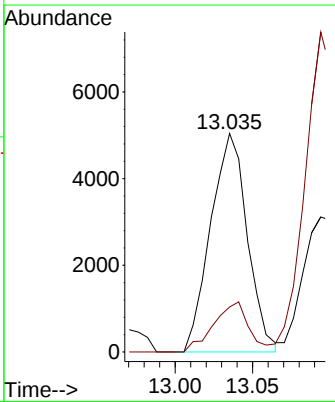
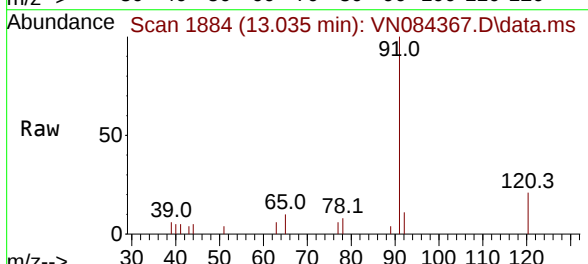
Instrument :
 MSVOA_N
 ClientSampleId :

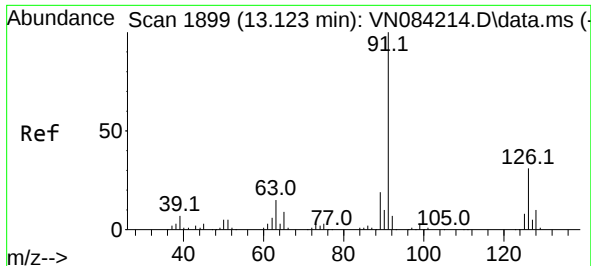
Tgt Ion: 75 Resp: 77577
 Ion Ratio Lower Upper
 75 100
 77 1.3 96.9 290.7#



#78
 n-propylbenzene
 Concen: 0.685 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08

Tgt Ion: 91 Resp: 8292
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.8 32.4

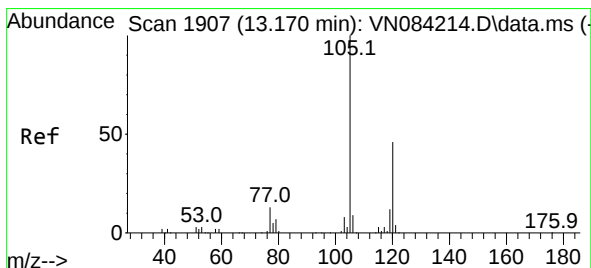
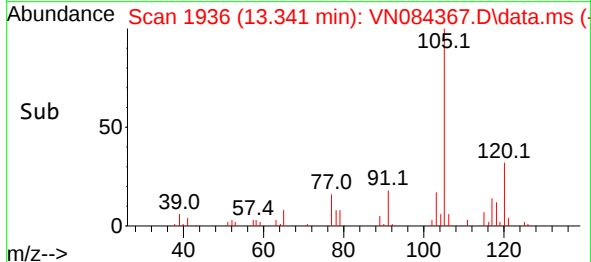
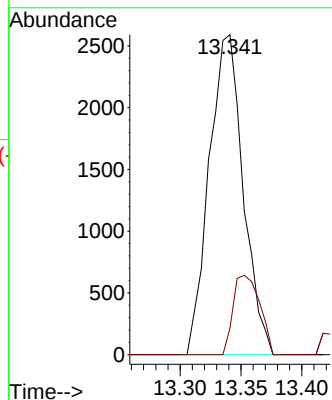
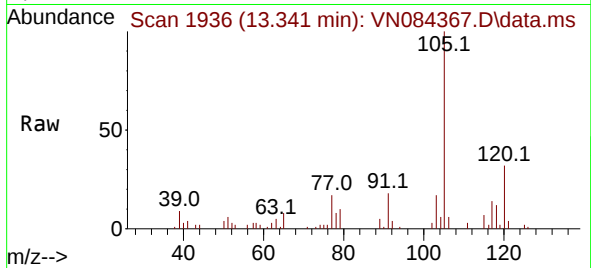




#79
2-Chlorotoluene
Concen: 0.652 ug/l
RT: 13.341 min Scan# 1936
Delta R.T. 0.218 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

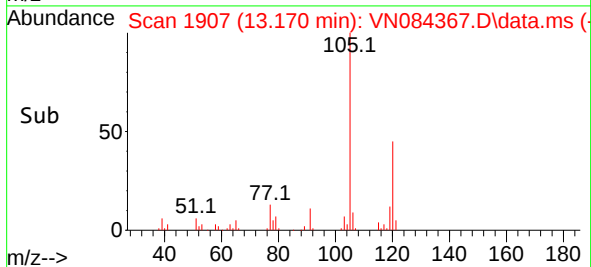
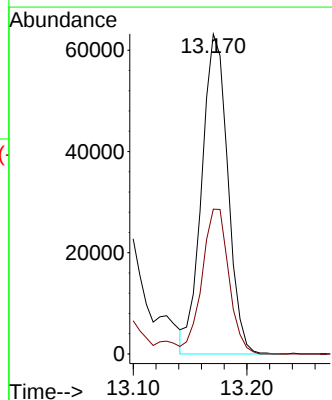
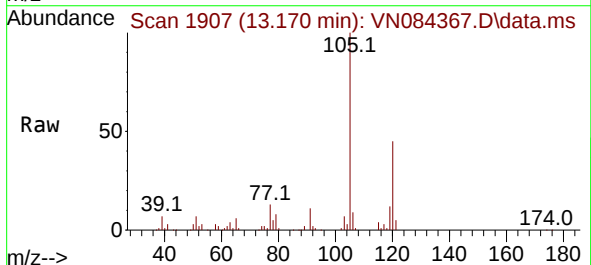
Instrument :
MSVOA_N
ClientSampleId :

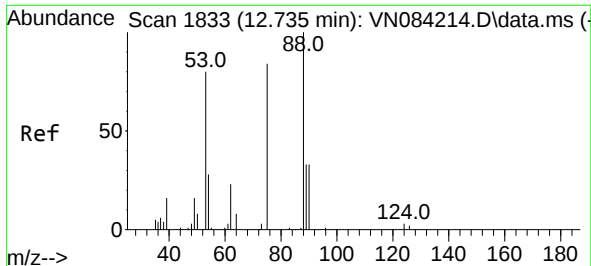
Tgt Ion: 91 Resp: 5031
Ion Ratio Lower Upper
91 100
126 19.5 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 11.805 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 105 Resp: 100537
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1

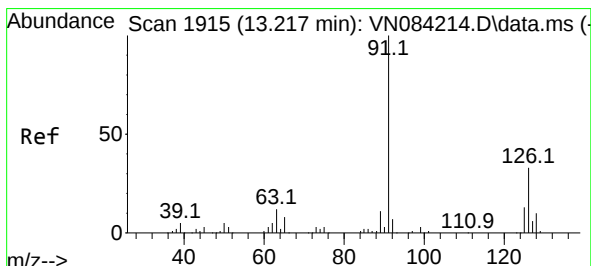
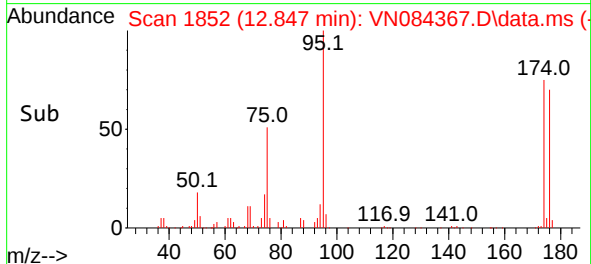
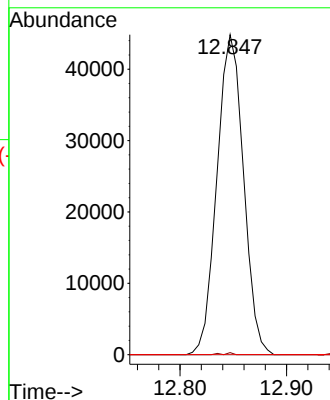
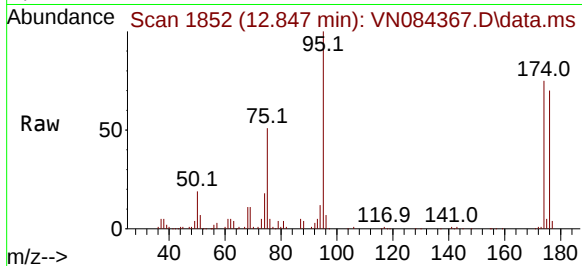




#81
trans-1,4-Dichloro-2-butene
Concen: 66.587 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

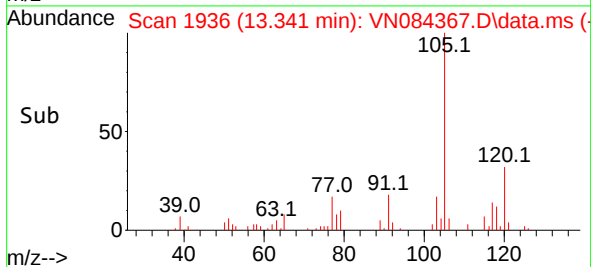
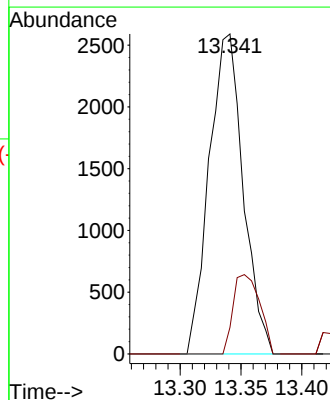
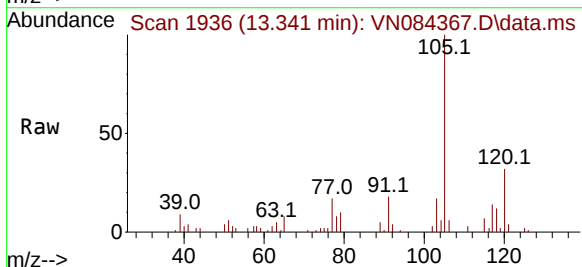
Instrument :
MSVOA_N
ClientSampleId :

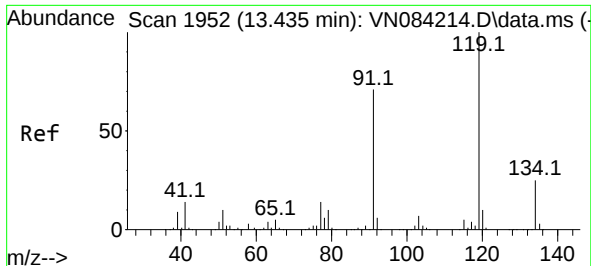
Tgt Ion: 75 Resp: 77577
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.647 ug/l
RT: 13.341 min Scan# 1936
Delta R.T. 0.123 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion: 91 Resp: 5031
Ion Ratio Lower Upper
91 100
126 19.5 15.7 47.1

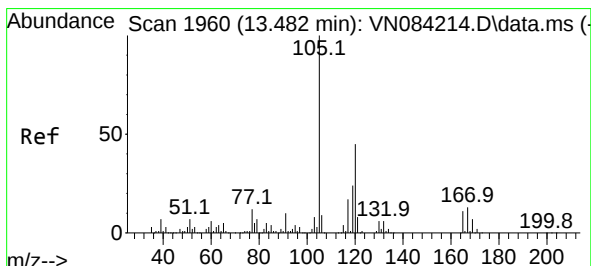
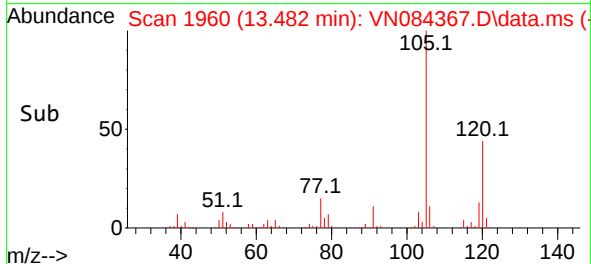
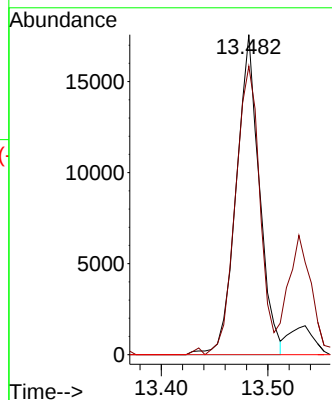
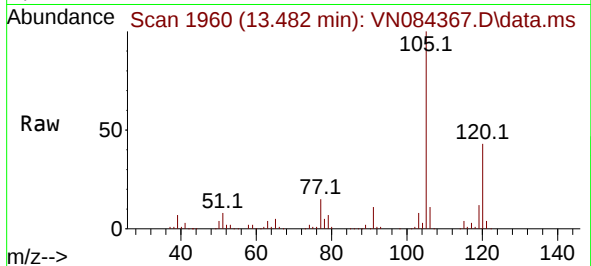




#83
tert-Butylbenzene
Concen: 3.502 ug/l
RT: 13.482 min Scan# 1952
Delta R.T. 0.047 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

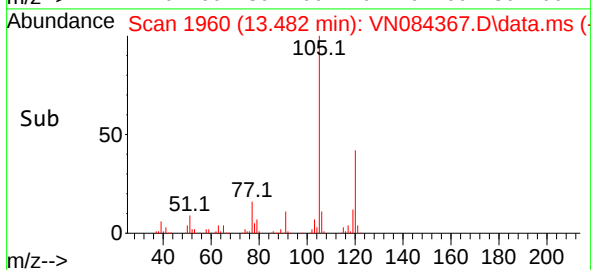
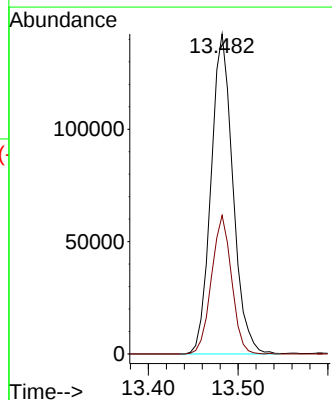
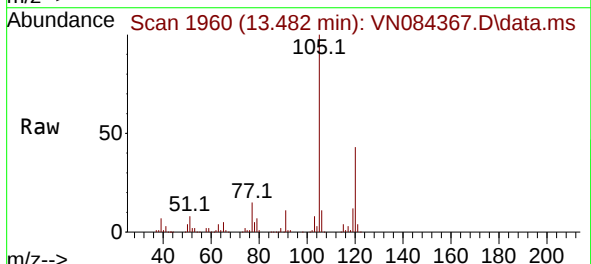
Instrument :
MSVOA_N
ClientSampleId :

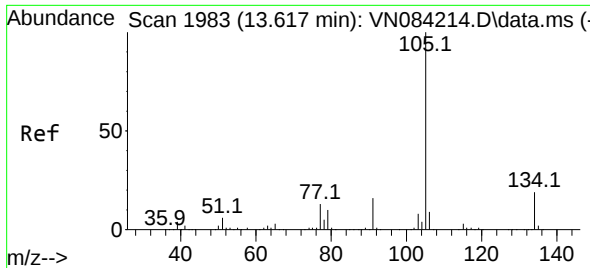
Tgt Ion:119 Resp: 26505
Ion Ratio Lower Upper
119 100
91 94.7 34.1 102.3
134 0.0 12.8 38.4#



#84
1,2,4-Trimethylbenzene
Concen: 28.132 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Tgt Ion:105 Resp: 241350
Ion Ratio Lower Upper
105 100
120 39.6 22.3 66.8

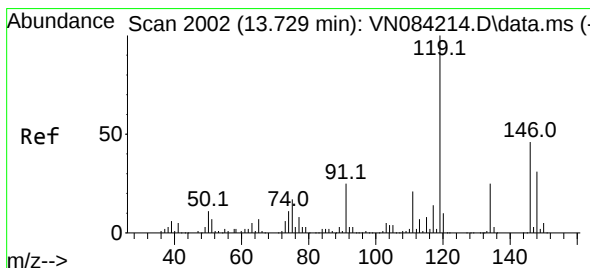
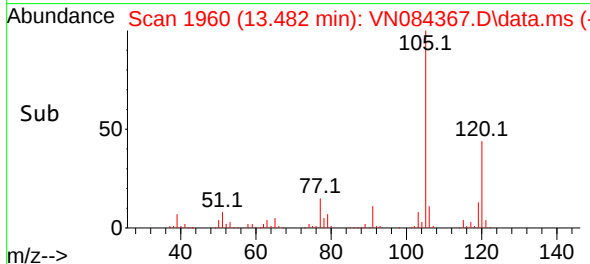
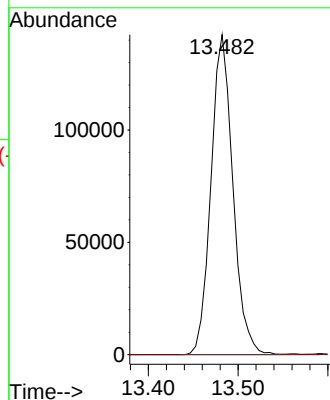
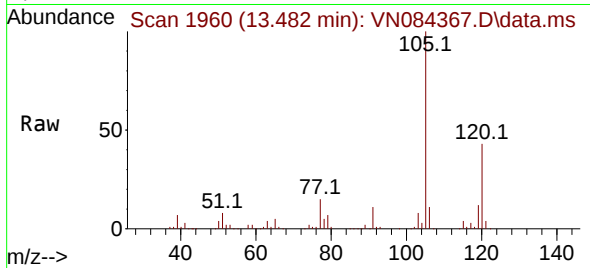




#85
 sec-Butylbenzene
 Concen: 23.894 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.135 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08

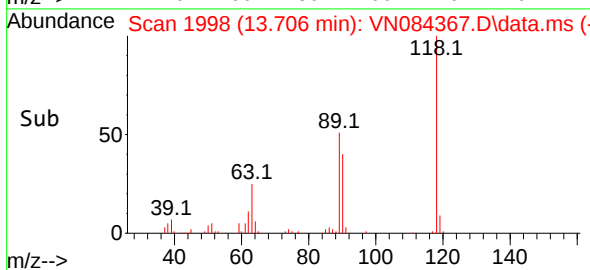
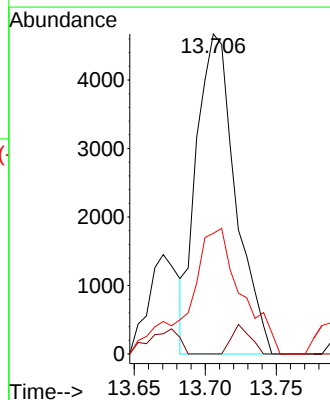
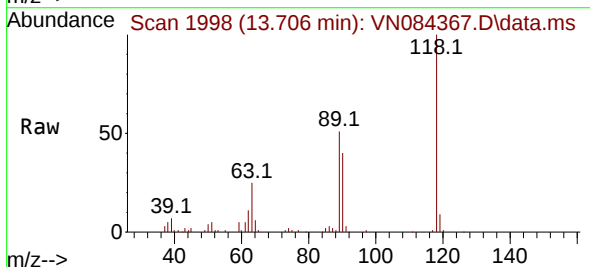
Instrument :
 MSVOA_N
 ClientSampleId :

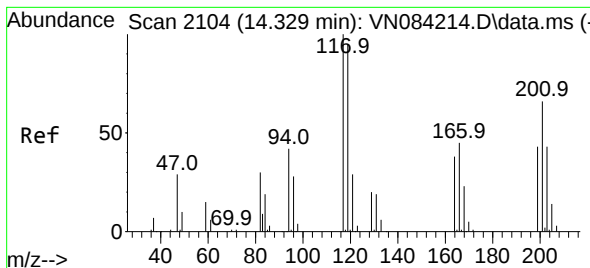
Tgt Ion:105 Resp: 241350
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 1.065 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.024 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08

Tgt Ion:119 Resp: 8898
 Ion Ratio Lower Upper
 119 100
 134 4.4 12.6 37.8#
 91 53.7 12.4 37.2#





#90

Hexachloroethane

Concen: 3.295 ug/l

RT: 14.447 min Scan# 2104

Delta R.T. 0.118 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

Instrument :

MSVOA_N

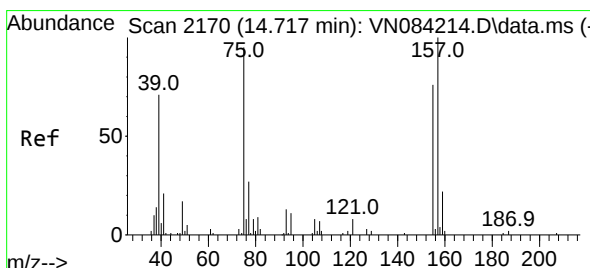
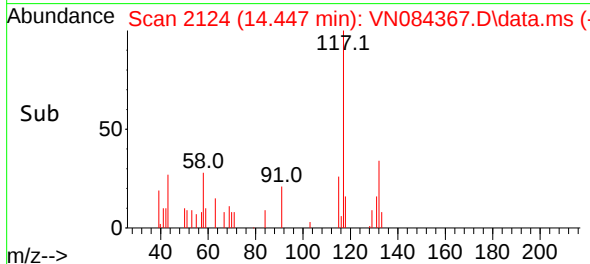
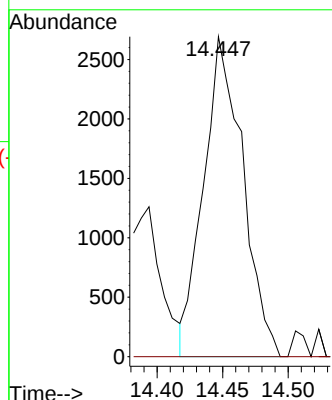
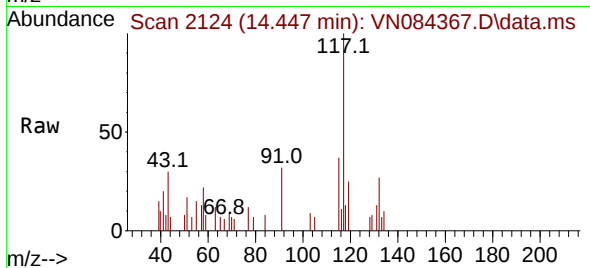
ClientSampleId :

Tgt Ion:117 Resp: 5586

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.104 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN084367.D

Acq: 09 Oct 2024 15:08

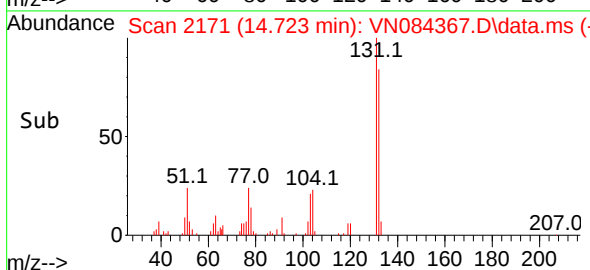
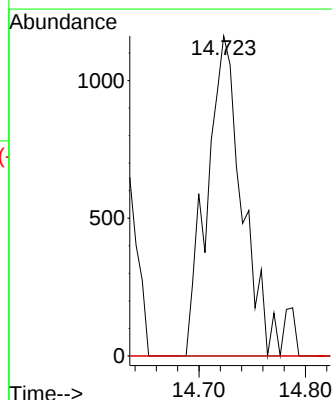
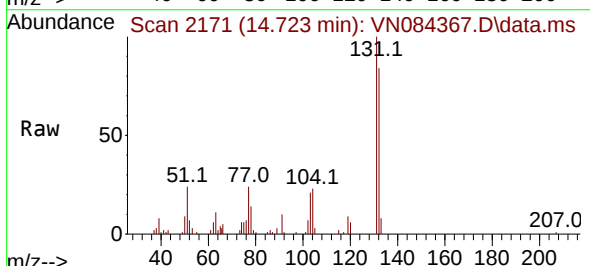
Tgt Ion: 75 Resp: 2659

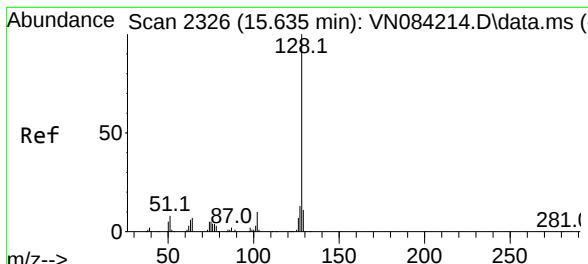
Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

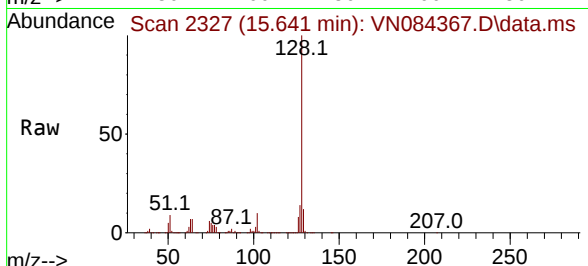
157 0.0 49.6 149.0#





#95
 Naphthalene
 Concen: 1711.553 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp:12946878

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.3	8.7	13.1

