

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072270.D
 Acq On : 29 Apr 2022 15:22
 Operator : JC\MD
 Sample : N2617-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-04-27RE

Quant Time: Apr 30 03:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

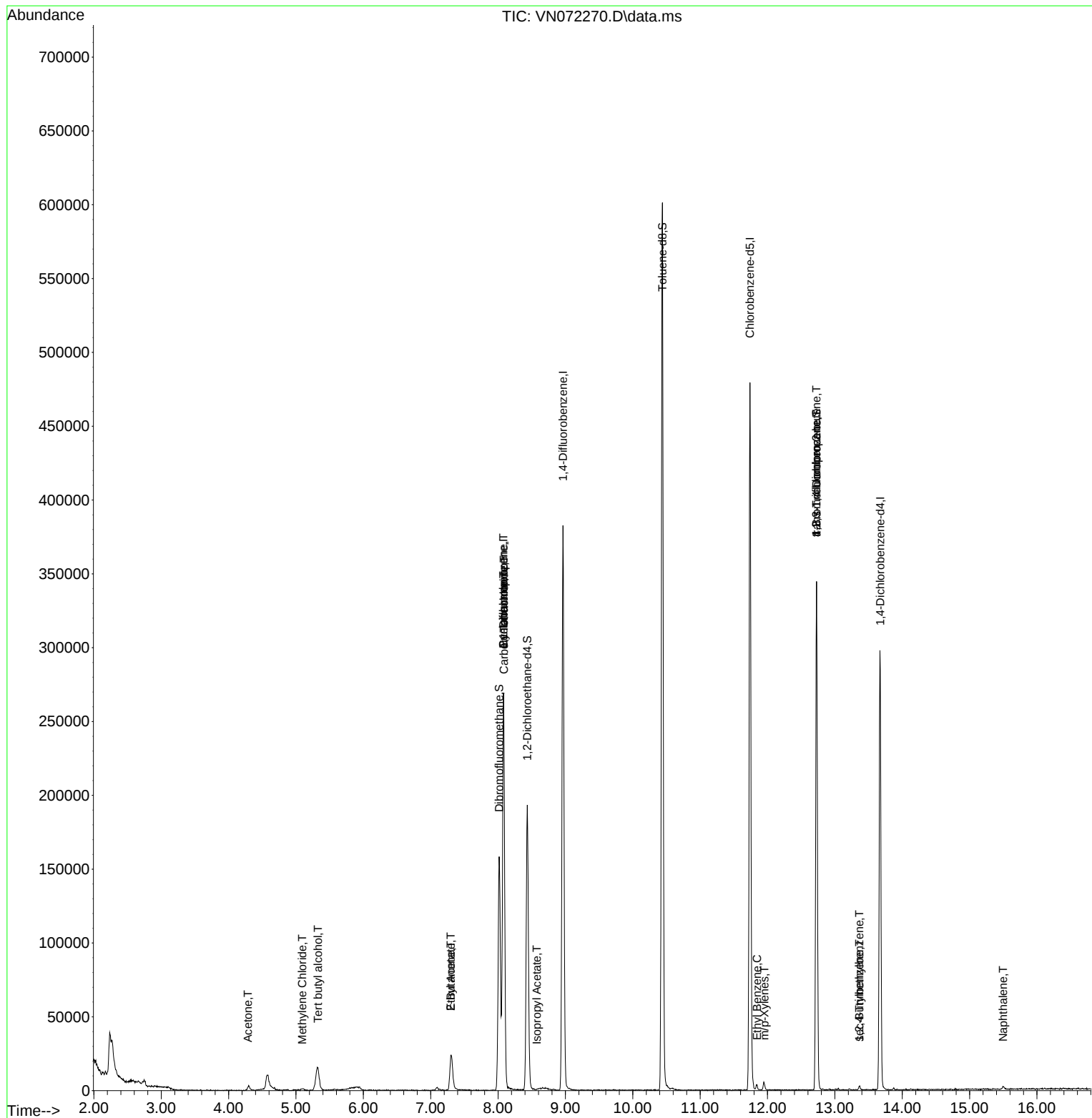
Internal Standards						
1) Pentafluorobenzene	8.081	168	183111	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	312865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	267691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	80511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	174837	62.194	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.380%	
35) Dibromofluoromethane	8.016	113	113341	56.599	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 113.200%	
50) Toluene-d8	10.439	98	413415	52.539	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	12.727	95	122385	46.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	1413	Below Cal	#	43
5) Bromomethane	2.875	94	73	Below Cal	#	2
6) Chloroethane	2.993	64	229	Below Cal	#	42
11) Tert butyl alcohol	5.328	59	15645	33.866	ug/l	# 72
16) Acetone	4.287	43	3953	3.262	ug/l	99
20) Methylene Chloride	5.093	84	1054	0.454	ug/l	# 60
25) 2-Butanone	7.298	43	1254	0.650	ug/l	# 45
31) Cyclohexane	8.081	56	4646	1.237	ug/l	# 37
36) 1,1-Dichloropropene	8.081	75	15907	5.457	ug/l	# 51
37) Ethyl Acetate	7.298	43	1254	0.324	ug/l	# 1
38) Carbon Tetrachloride	8.086	117	20931	6.705	ug/l	# 15
43) Isopropyl Acetate	8.575	43	207	0.835	ug/l	# 53
67) Ethyl Benzene	11.845	91	3080	0.327	ug/l	99
68) m/p-Xylenes	11.957	106	1971	0.563	ug/l	95
76) 1,2,3-Trichloropropane	12.727	75	69139	37.916	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	69139	99.294	ug/l	# 10
84) 1,2,4-Trimethylbenzene	13.363	105	2594	0.453	ug/l	85
85) sec-Butylbenzene	13.363	105	2594	0.383	ug/l	# 56
95) Naphthalene	15.498	128	2747	4.902	ug/l	# 92

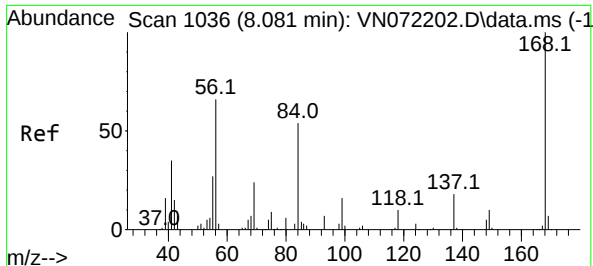
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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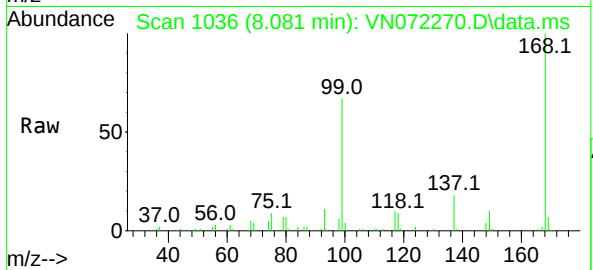
Quant Time: Apr 30 03:14:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
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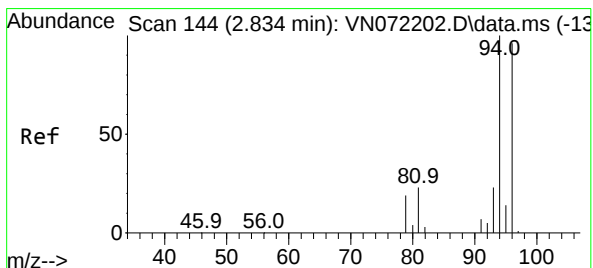
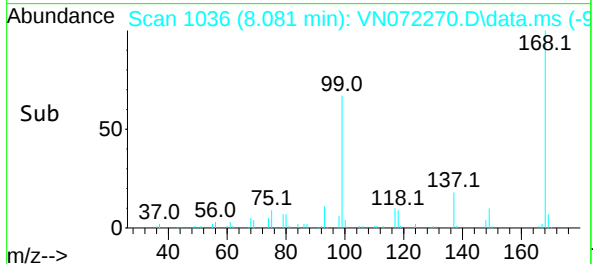
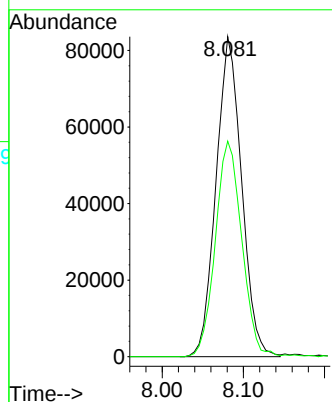


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-27RE

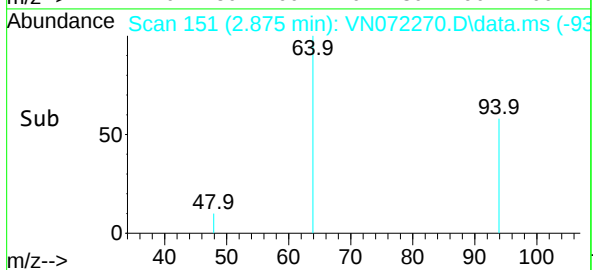
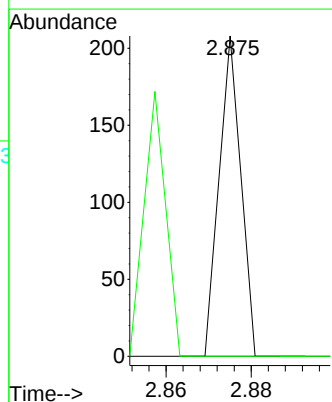
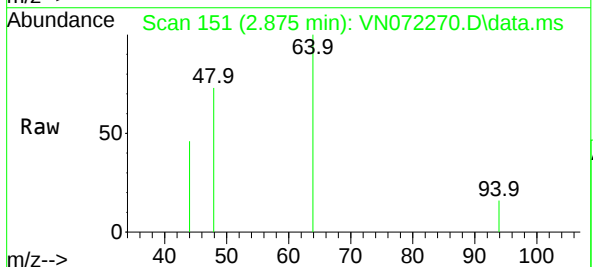


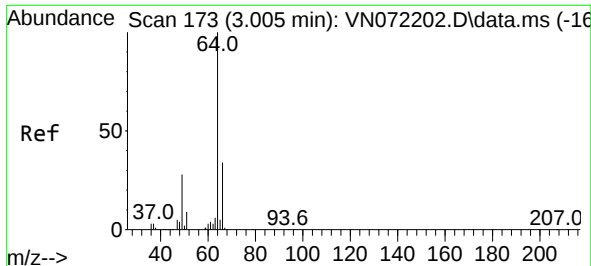
Tgt Ion:168 Resp: 183111
Ion Ratio Lower Upper
168 100
99 67.4 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 151
Delta R.T. 0.041 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

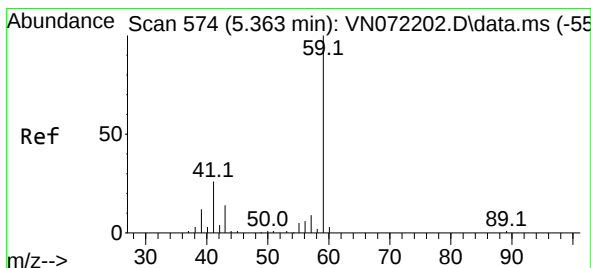
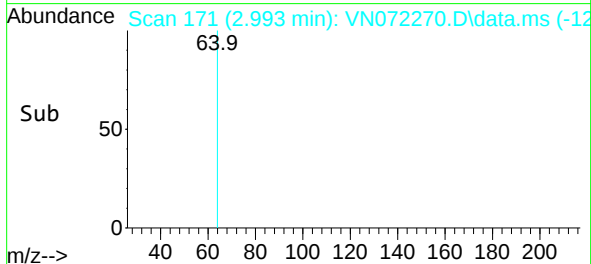
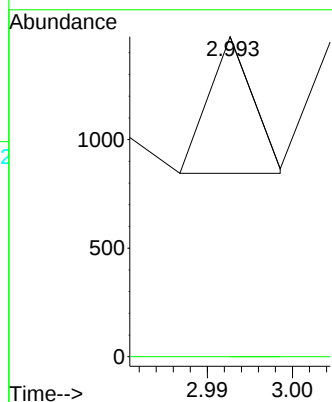
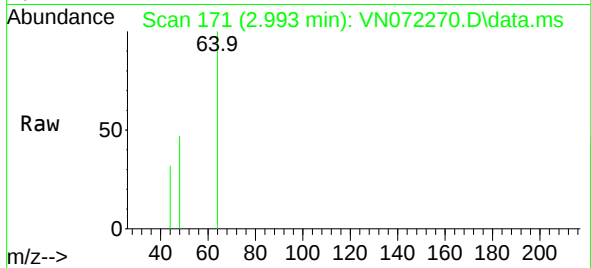




#6
Chloroethane
Concen: Below Cal
RT: 2.993 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

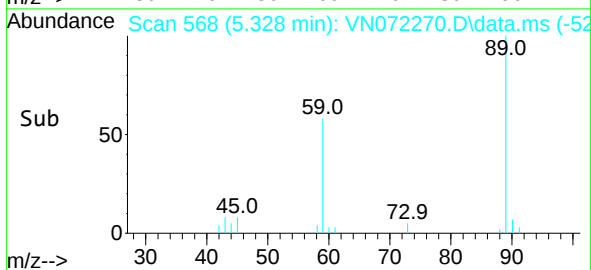
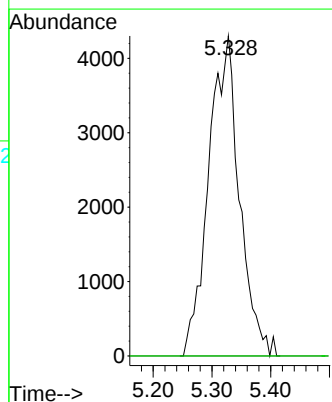
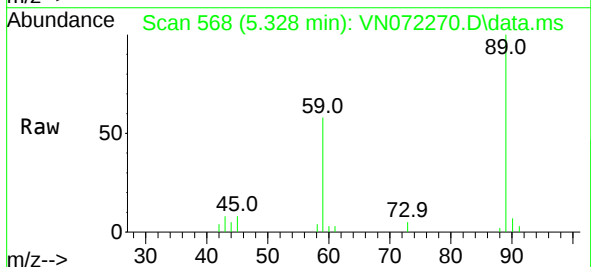
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-27RE

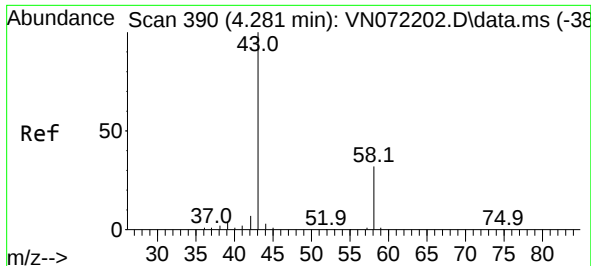
Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 33.866 ug/l
RT: 5.328 min Scan# 568
Delta R.T. -0.035 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

Tgt Ion: 59 Resp: 15645
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

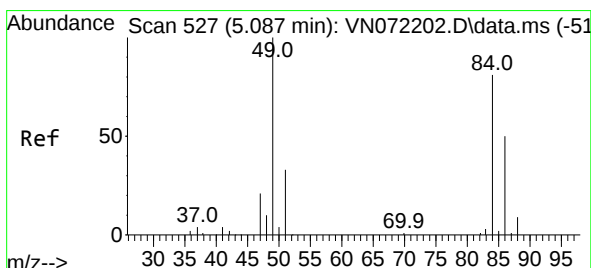
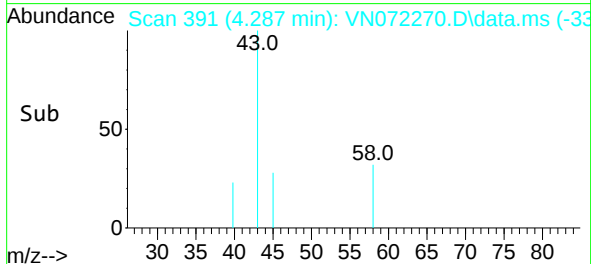
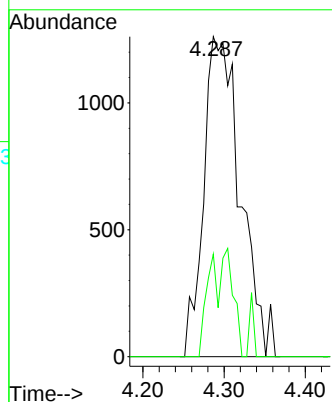
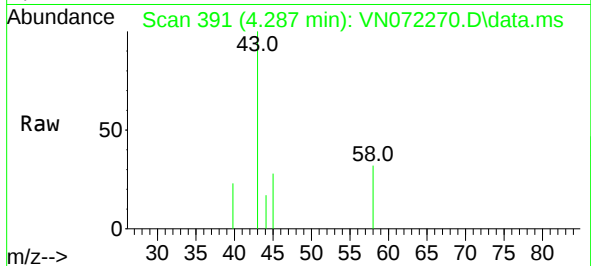




#16
Acetone
Concen: 3.262 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

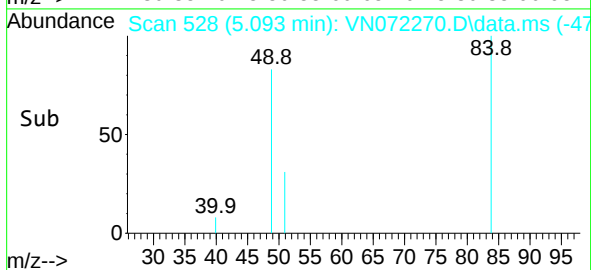
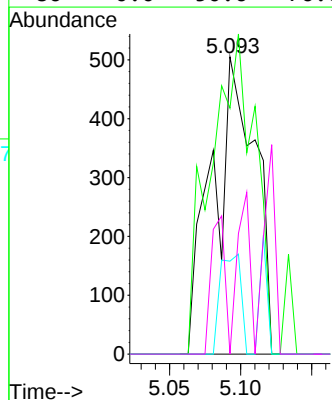
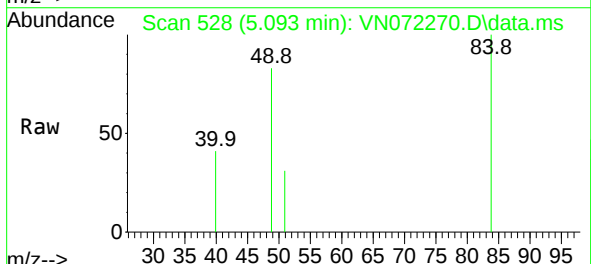
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-27RE

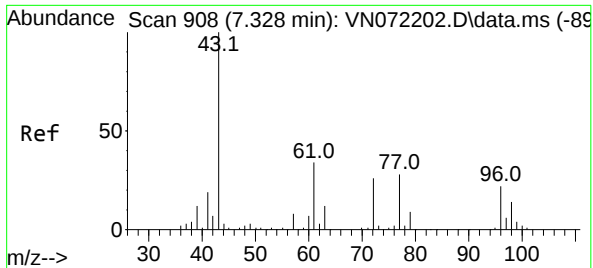
Tgt Ion: 43 Resp: 3953
Ion Ratio Lower Upper
43 100
58 32.0 26.0 39.0



#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

Tgt Ion: 84 Resp: 1054
Ion Ratio Lower Upper
84 100
49 82.8 88.3 132.5#
51 31.3 28.2 42.2
86 0.0 50.6 76.0#





#25

2-Butanone

Concen: 0.650 ug/l

RT: 7.298 min Scan# 908

Delta R.T. -0.030 min

Lab File: VN072270.D

Acq: 29 Apr 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

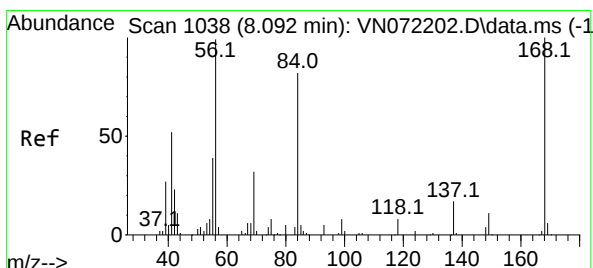
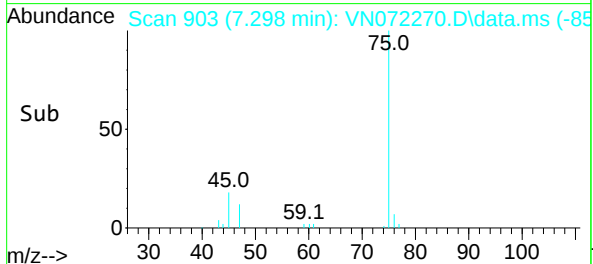
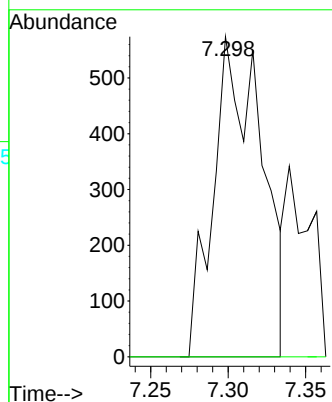
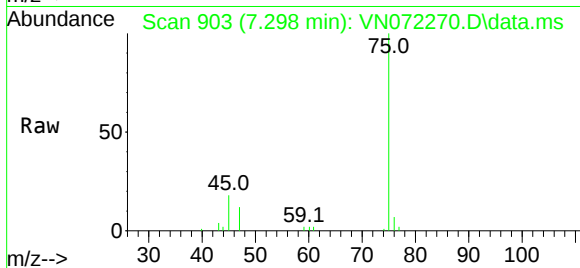
EB-2022-04-27RE

Tgt Ion: 43 Resp: 1254

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072270.D

Acq: 29 Apr 2022 15:22

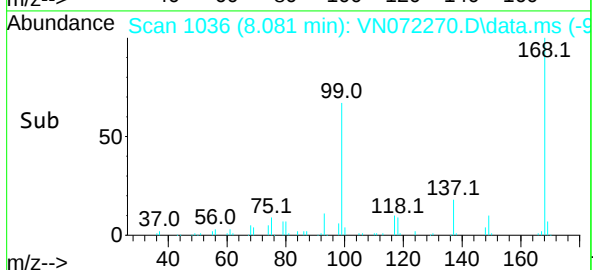
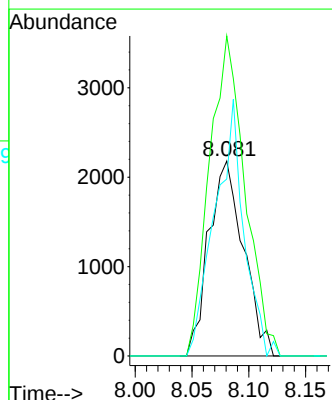
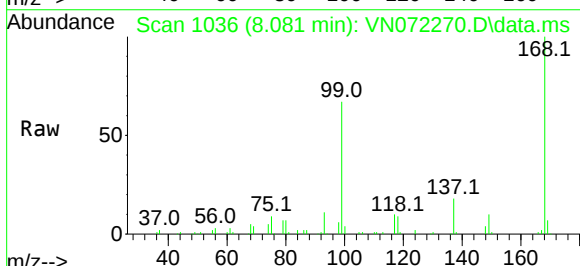
Tgt Ion: 56 Resp: 4646

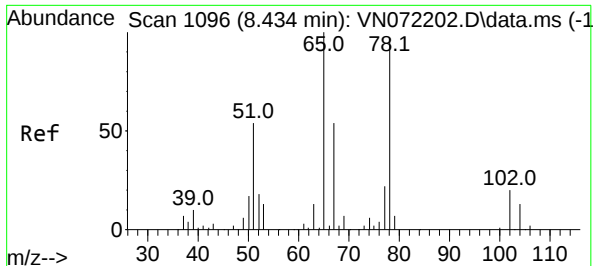
Ion Ratio Lower Upper

56 100

69 164.2 27.8 41.8#

84 90.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 62.194 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072270.D

Acq: 29 Apr 2022 15:22

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MSVOA_N

ClientSampleId :

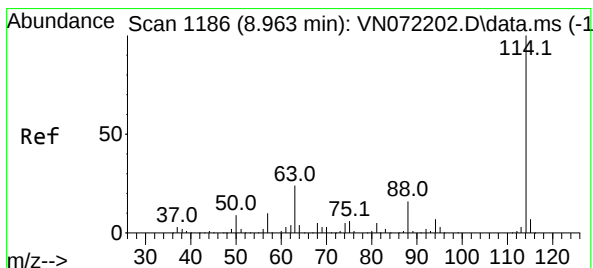
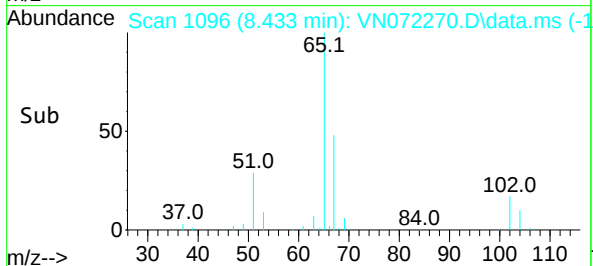
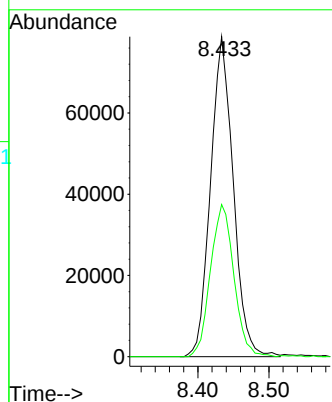
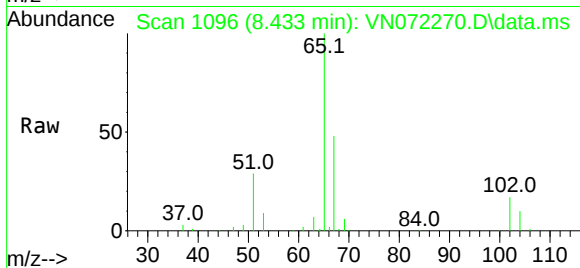
EB-2022-04-27RE

Tgt Ion: 65 Resp: 174837

Ion Ratio Lower Upper

65 100

67 49.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072270.D

Acq: 29 Apr 2022 15:22

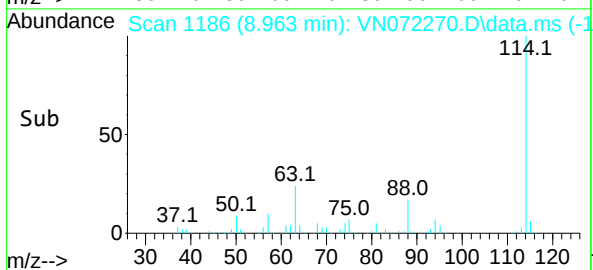
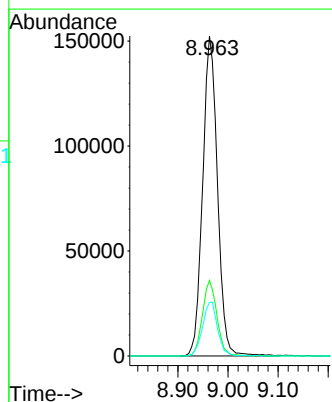
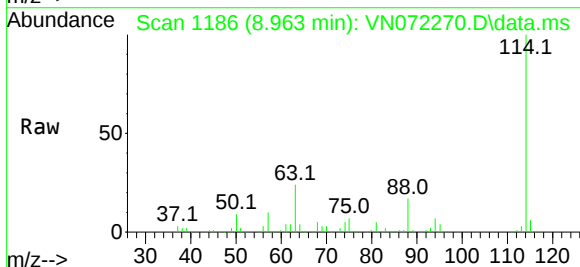
Tgt Ion: 114 Resp: 312865

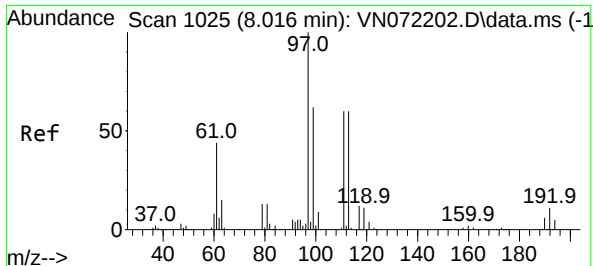
Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.599 ug/l

RT: 8.016 min Scan# 113

Delta R.T. -0.000 min

Lab File: VN072270.D

Acq: 29 Apr 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-04-27RE

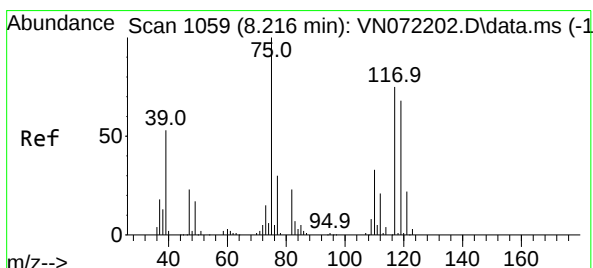
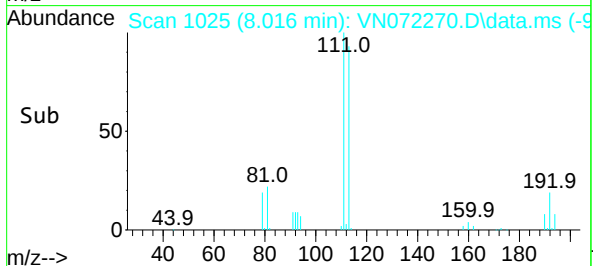
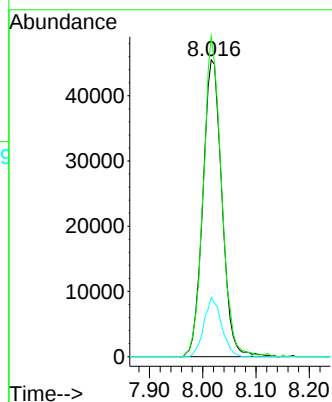
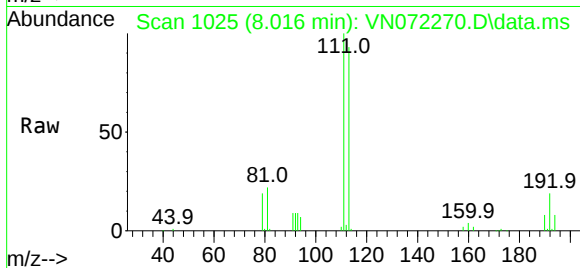
Tgt Ion:113 Resp: 113341

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.457 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072270.D

Acq: 29 Apr 2022 15:22

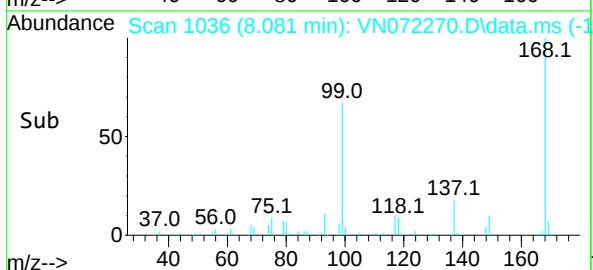
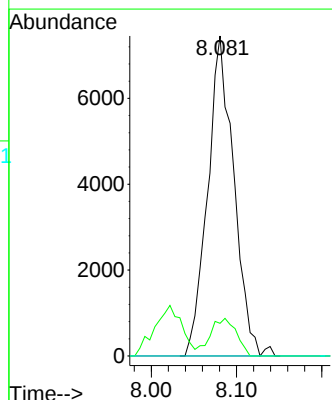
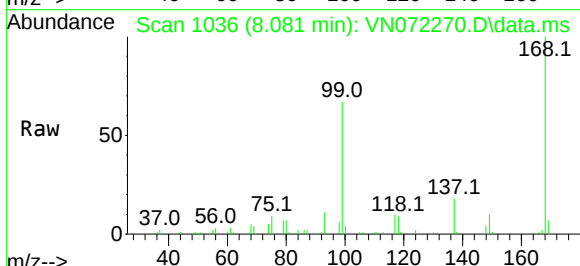
Tgt Ion: 75 Resp: 15907

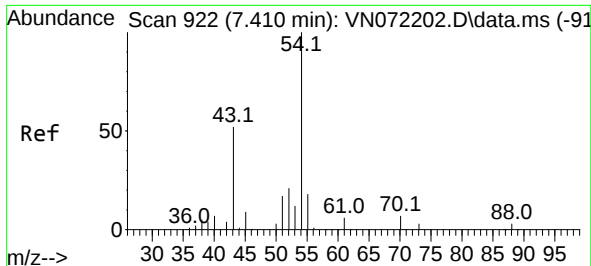
Ion Ratio Lower Upper

75 100

110 11.7 18.3 54.8#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.324 ug/l

RT: 7.298 min Scan# 90

Delta R.T. -0.112 min

Lab File: VN072270.D

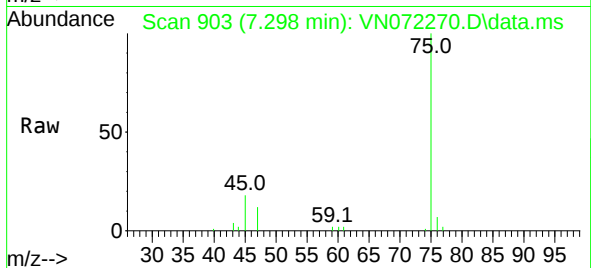
Acq: 29 Apr 2022 15:22

Instrument :

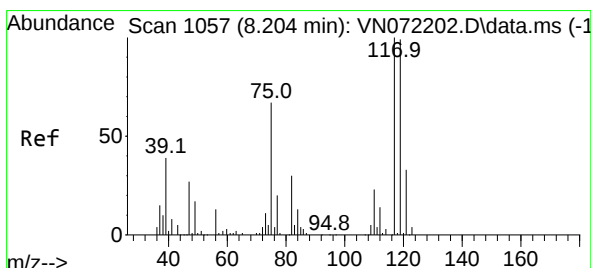
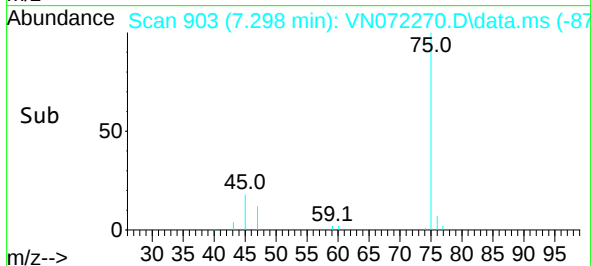
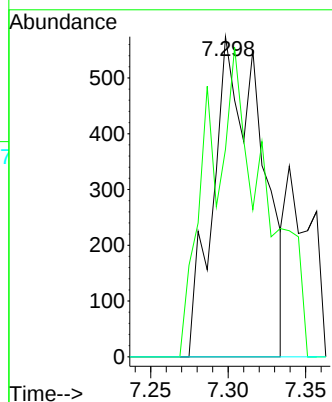
MSVOA_N

ClientSampleId :

EB-2022-04-27RE



Tgt Ion: 43	Resp: 1254
Ion Ratio	Lower Upper
43	100
61	80.2 11.8 17.6#
70	0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 6.705 ug/l

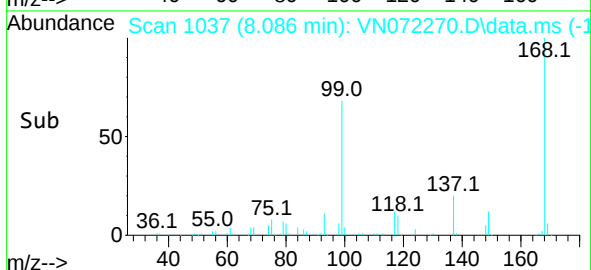
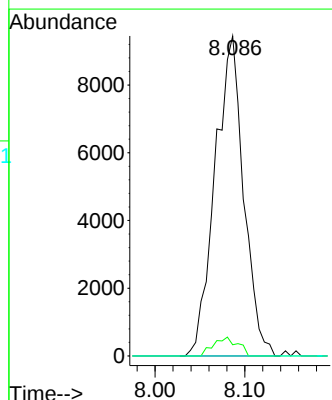
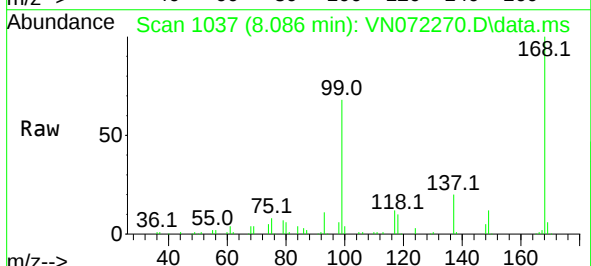
RT: 8.086 min Scan# 1037

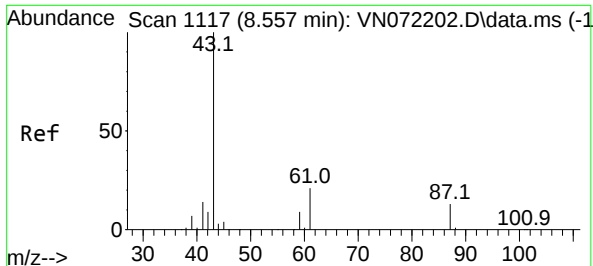
Delta R.T. -0.118 min

Lab File: VN072270.D

Acq: 29 Apr 2022 15:22

Tgt Ion: 117	Resp: 20931
Ion Ratio	Lower Upper
117	100
119	3.5 75.8 113.8#
121	0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.835 ug/l

RT: 8.575 min Scan# 1117

Delta R.T. 0.018 min

Lab File: VN072270.D

Acq: 29 Apr 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-04-27RE

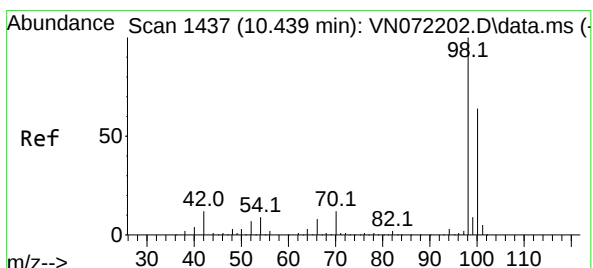
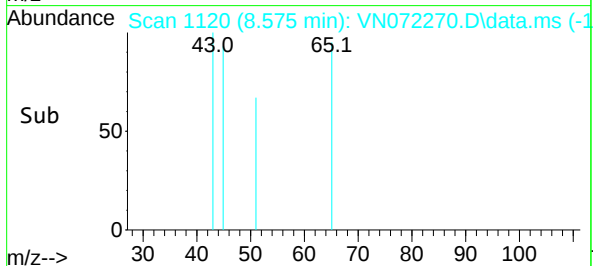
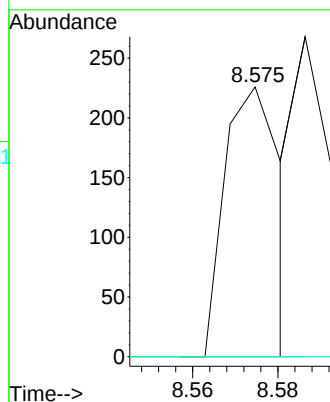
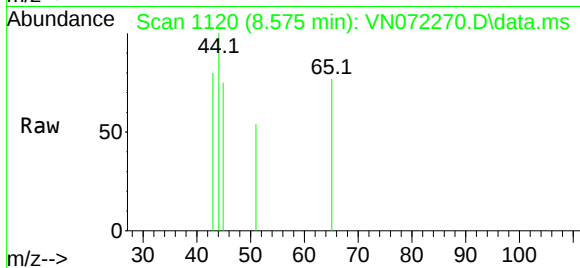
Tgt Ion: 43 Resp: 207

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 52.539 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072270.D

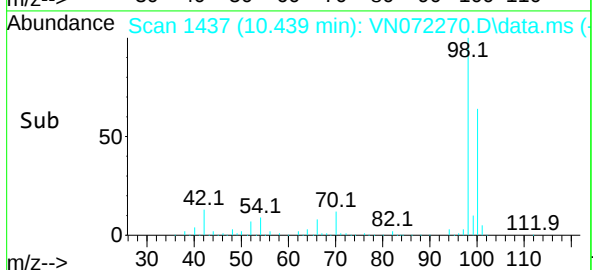
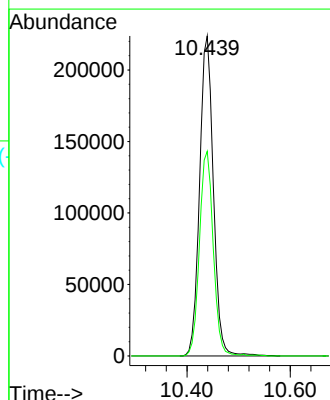
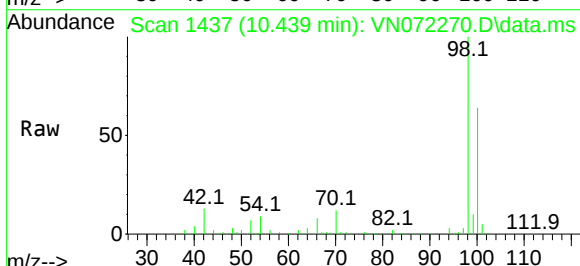
Acq: 29 Apr 2022 15:22

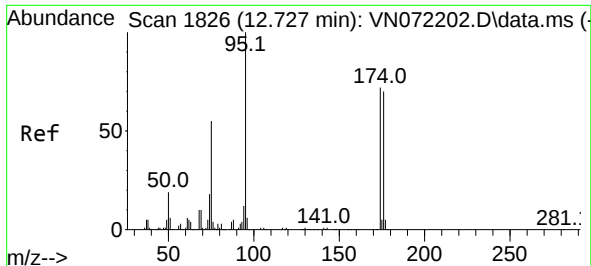
Tgt Ion: 98 Resp: 413415

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8

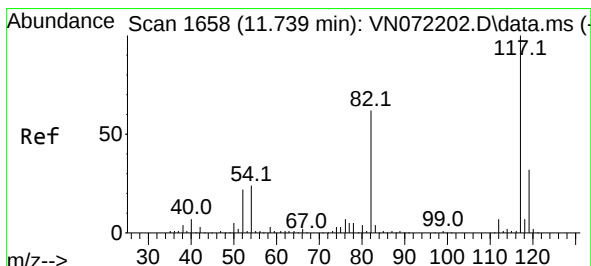
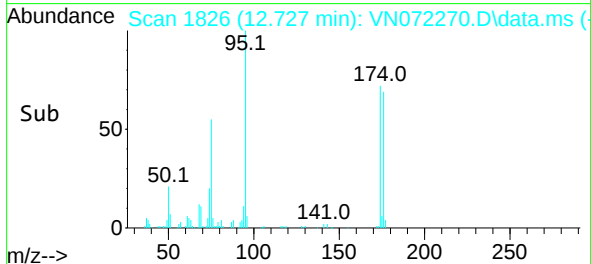
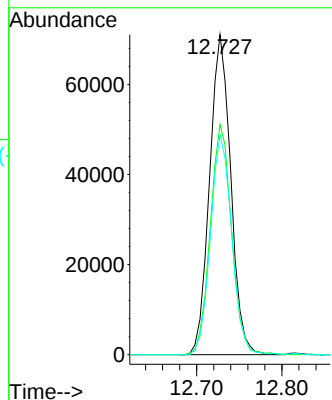
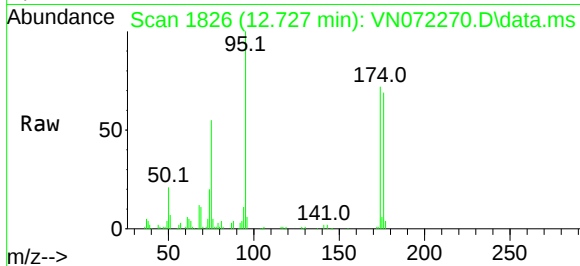




#62
4-Bromofluorobenzene
Concen: 46.859 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

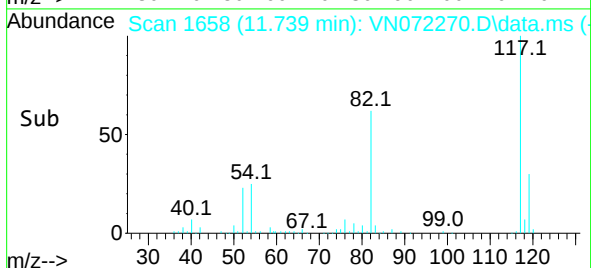
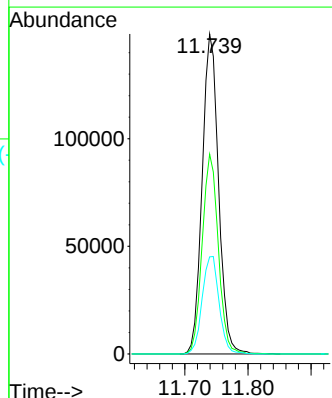
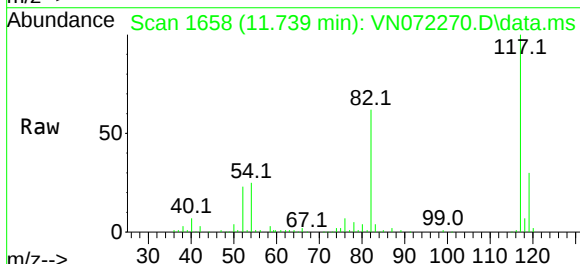
Instrument :
MSVOA_N
ClientSampleId :
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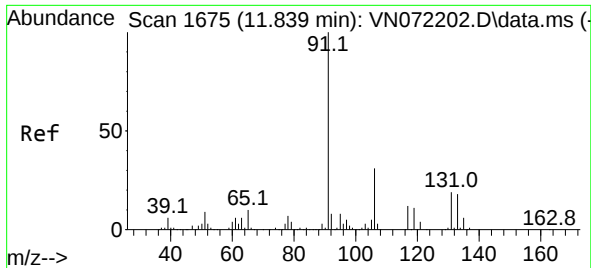
Tgt Ion: 95 Resp: 122385
Ion Ratio Lower Upper
95 100
174 72.6 0.0 167.6
176 69.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

Tgt Ion: 117 Resp: 267691
Ion Ratio Lower Upper
117 100
82 62.4 44.2 66.2
119 30.3 25.4 38.0

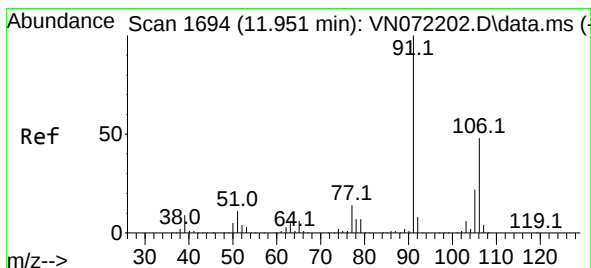
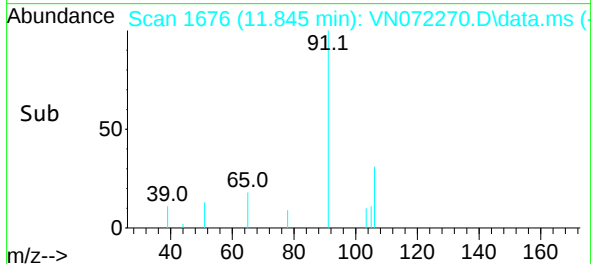
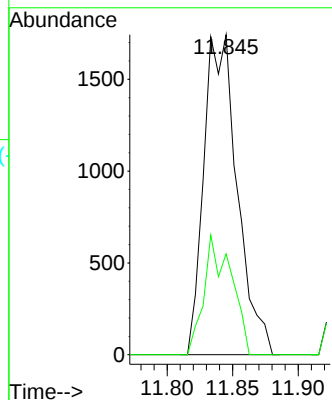
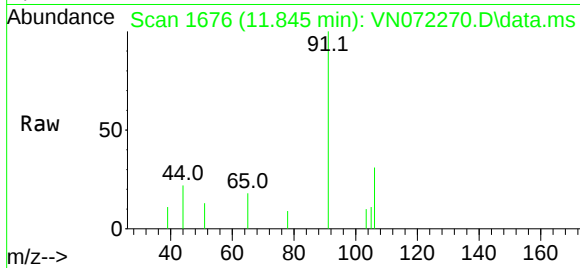




#67
Ethyl Benzene
Concen: 0.327 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

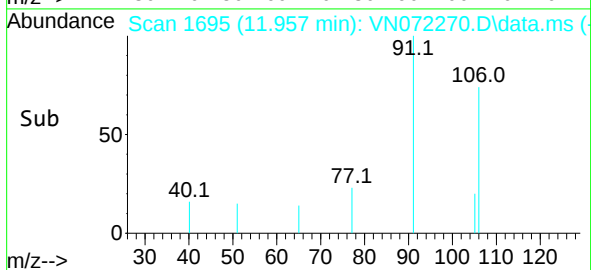
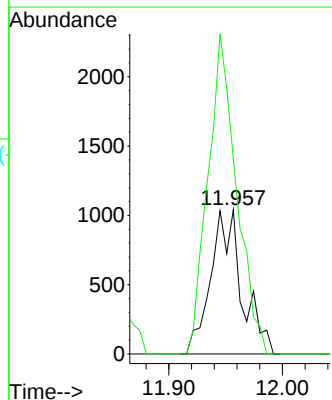
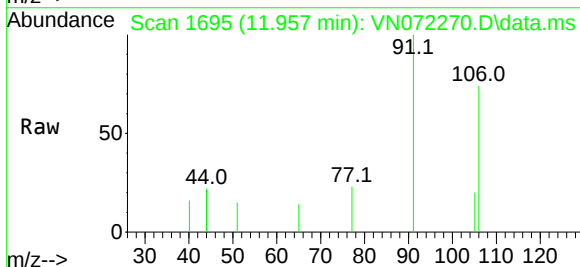
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-27RE

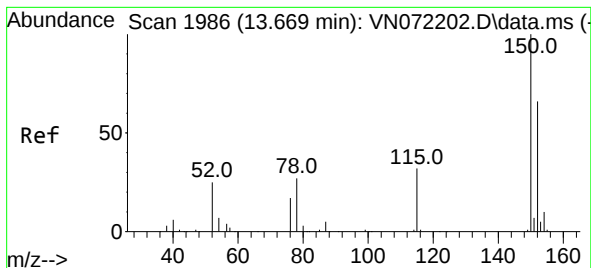
Tgt Ion: 91 Resp: 3080
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 0.563 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

Tgt Ion: 106 Resp: 1971
Ion Ratio Lower Upper
106 100
91 205.4 158.9 238.3

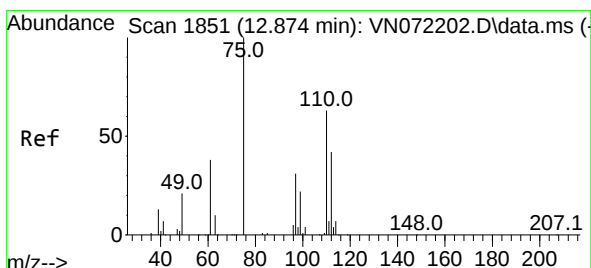
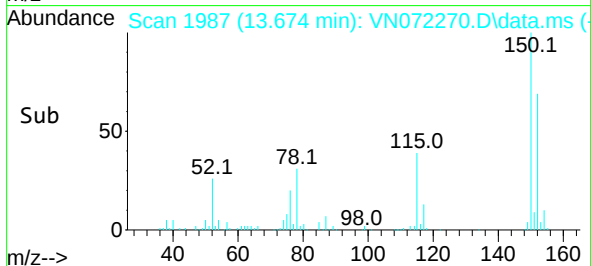
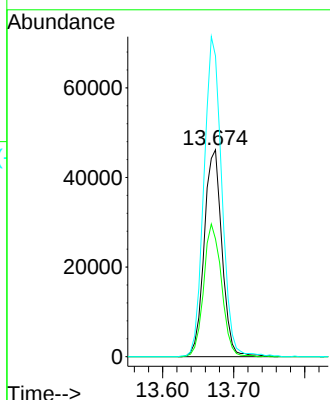
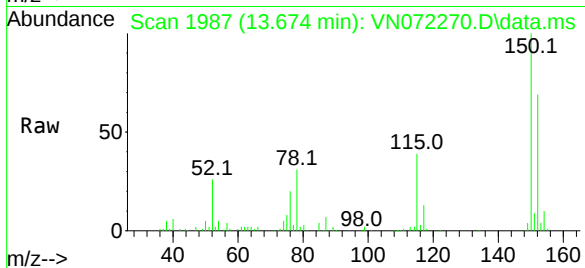




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN072270.D
 Acq: 29 Apr 2022 15:22

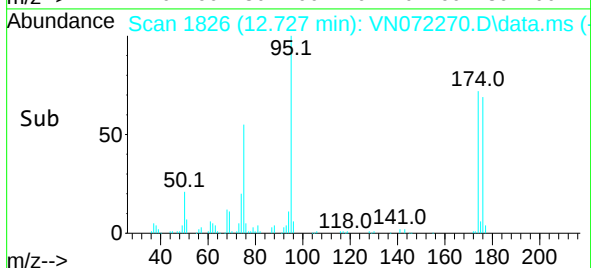
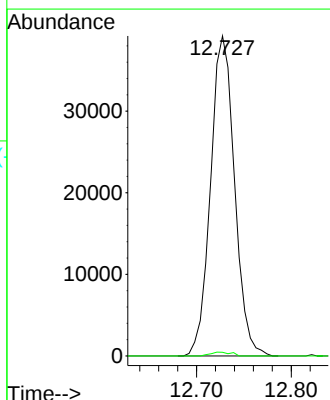
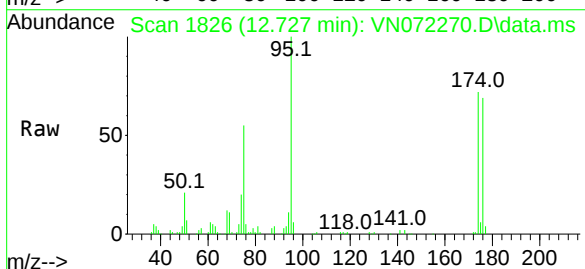
Instrument :
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 ClientSampleId :
 EB-2022-04-27RE

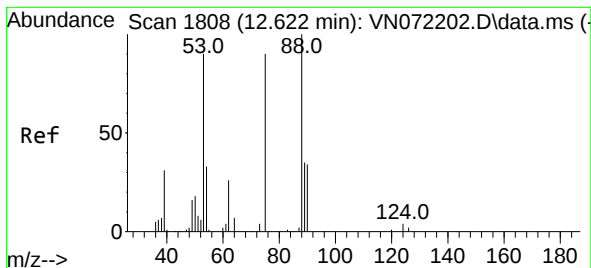
Tgt Ion:152 Resp: 80511
 Ion Ratio Lower Upper
 152 100
 115 64.0 28.9 86.7
 150 155.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 37.916 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072270.D
 Acq: 29 Apr 2022 15:22

Tgt Ion: 75 Resp: 69139
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

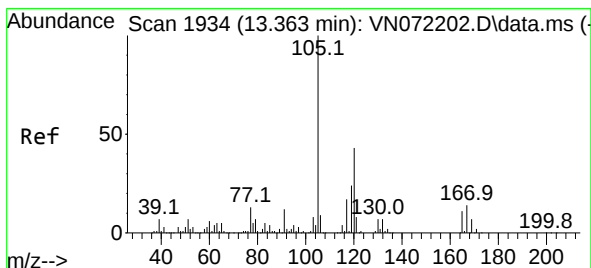
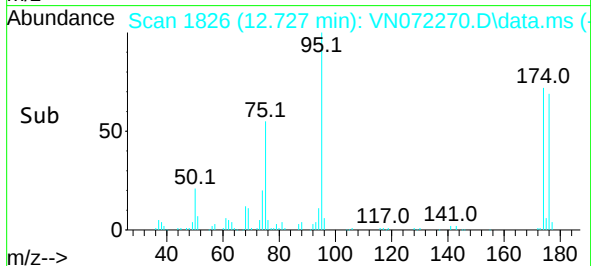
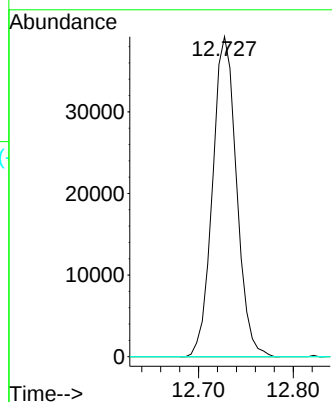
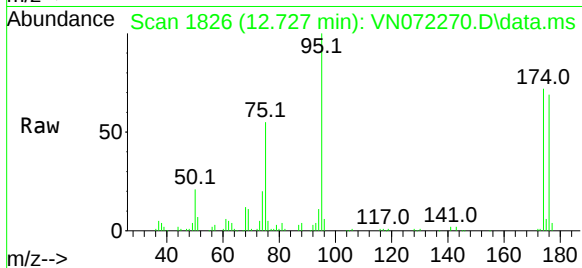




#81
trans-1,4-Dichloro-2-butene
Concen: 99.294 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

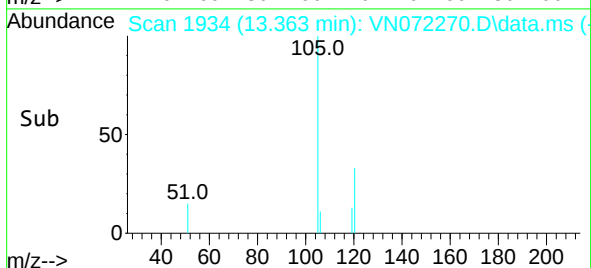
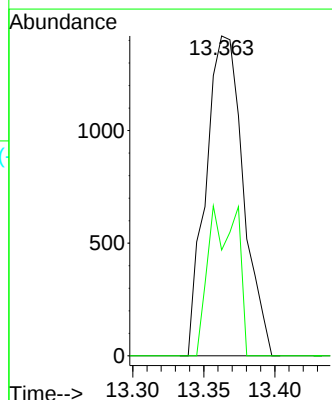
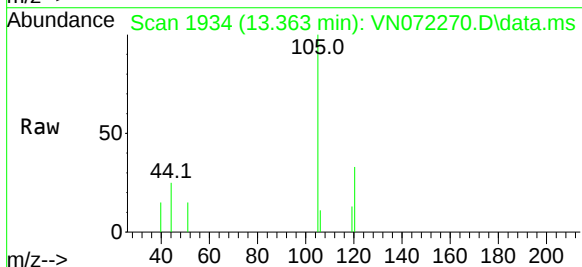
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-27RE

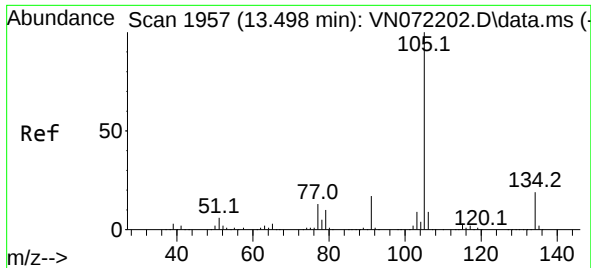
Tgt Ion: 75 Resp: 69139
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.453 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072270.D
Acq: 29 Apr 2022 15:22

Tgt Ion: 105 Resp: 2594
Ion Ratio Lower Upper
105 100
120 36.2 23.3 69.8

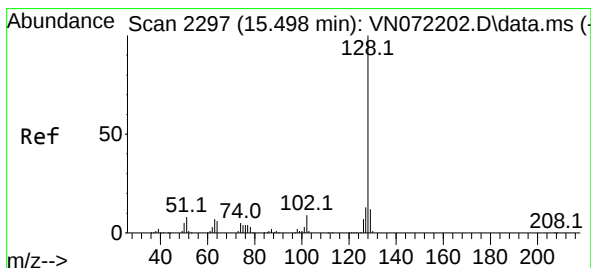
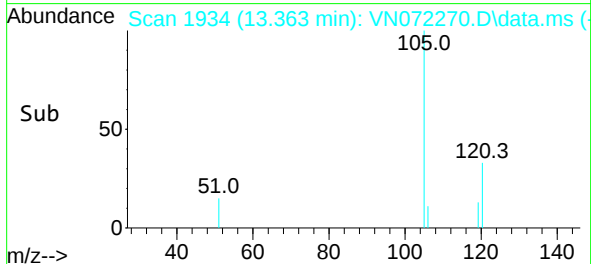
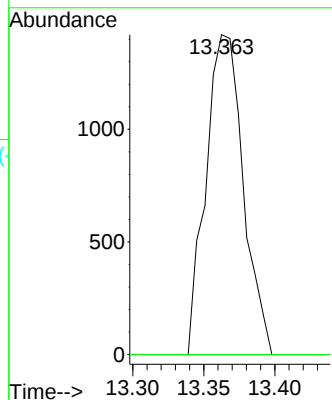
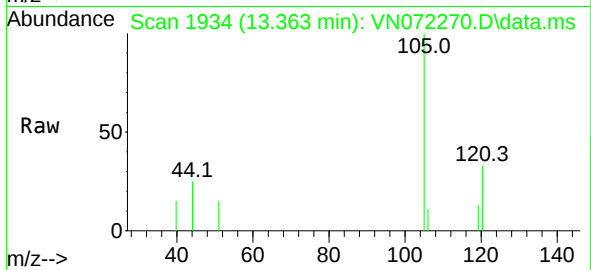




#85
 sec-Butylbenzene
 Concen: 0.383 ug/l
 RT: 13.363 min Scan# 1957
 Delta R.T. -0.135 min
 Lab File: VN072270.D
 Acq: 29 Apr 2022 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-04-27RE

Tgt Ion:105 Resp: 2594
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#95
 Naphthalene
 Concen: 4.902 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VN072270.D
 Acq: 29 Apr 2022 15:22

Tgt Ion:128 Resp: 2747
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 4.8 8.6 13.0#

