

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085820.D
 Acq On : 21 Feb 2025 22:13
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 22 02:44:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

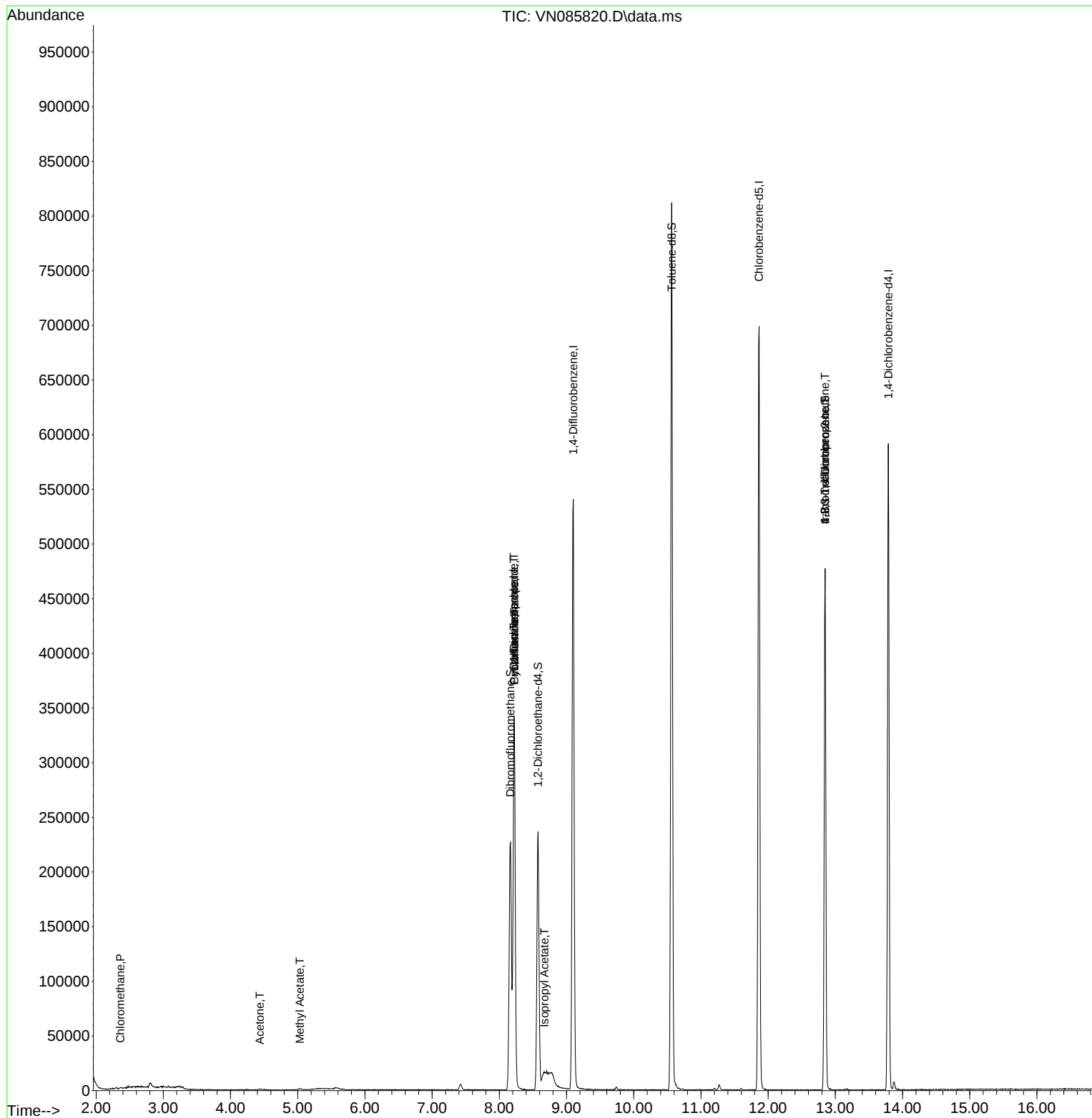
Internal Standards						
1) Pentafluorobenzene	8.224	168	243162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	478354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	418928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	165749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	192169	60.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.920%	
35) Dibromofluoromethane	8.165	113	167484	53.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.020%	
50) Toluene-d8	10.565	98	567130	49.799	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.847	95	167808	44.723	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	727	0.219	ug/l #	41
16) Acetone	4.436	43	1417	1.421	ug/l #	40
18) Methyl Acetate	5.030	43	2467	0.719	ug/l #	74
31) Cyclohexane	8.224	56	5323	1.182	ug/l #	4
36) 1,1-Dichloropropene	8.218	75	20760	4.686	ug/l #	50
38) Carbon Tetrachloride	8.218	117	26448	5.025	ug/l #	18
43) Isopropyl Acetate	8.671	43	14436	1.729	ug/l #	53
76) 1,2,3-Trichloropropane	12.847	75	84336	22.906	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84336	66.834	ug/l #	12

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

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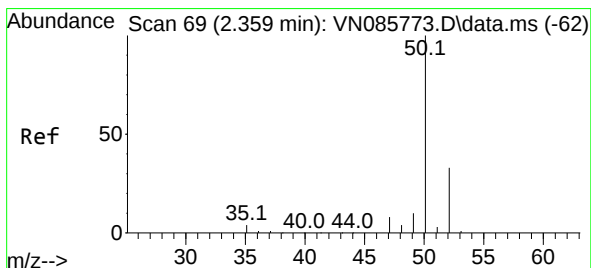
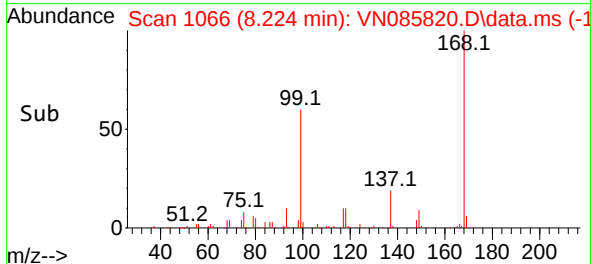
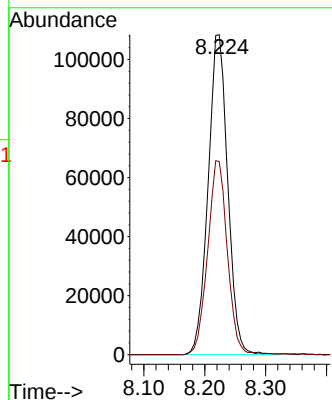
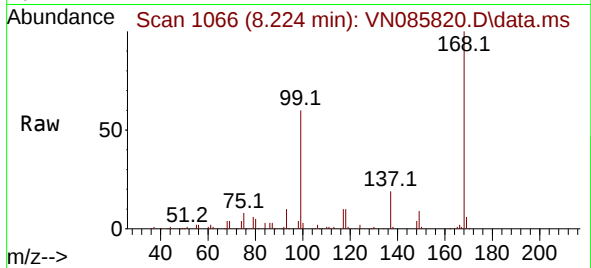




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

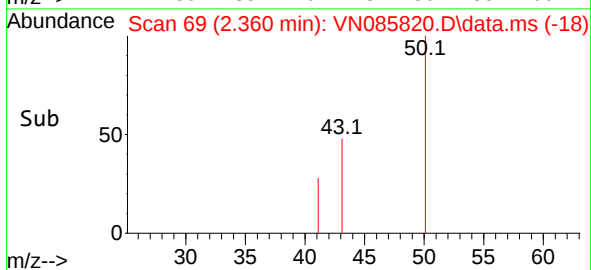
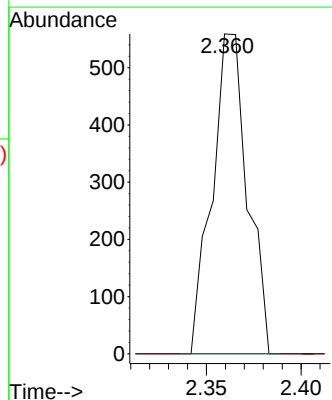
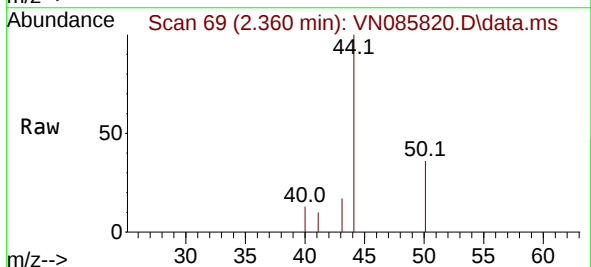
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 243162
Ion Ratio Lower Upper
168 100
99 60.4 47.9 71.9



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

Tgt Ion: 50 Resp: 727
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

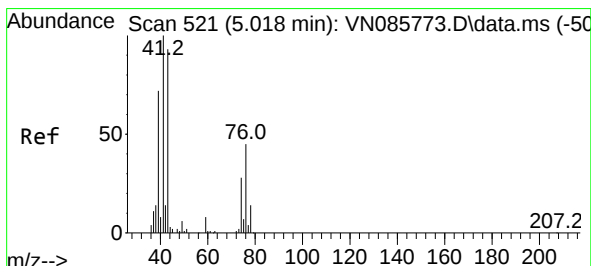
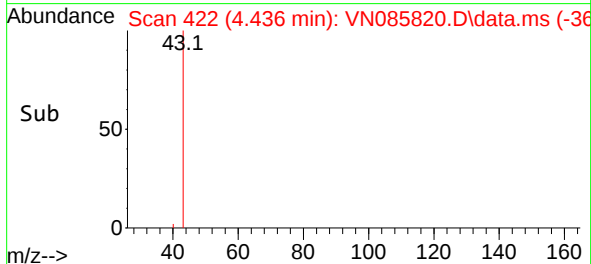
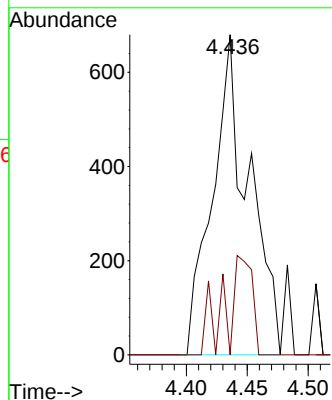
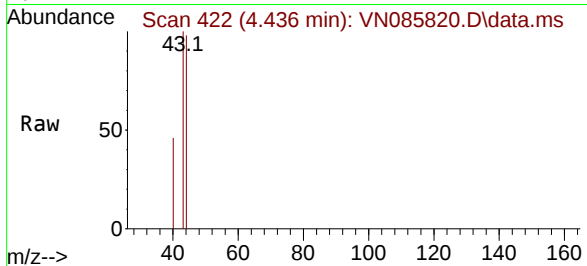




#16
Acetone
Concen: 1.421 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

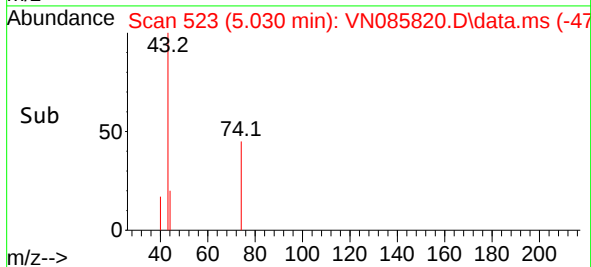
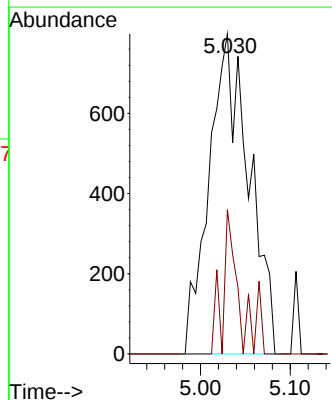
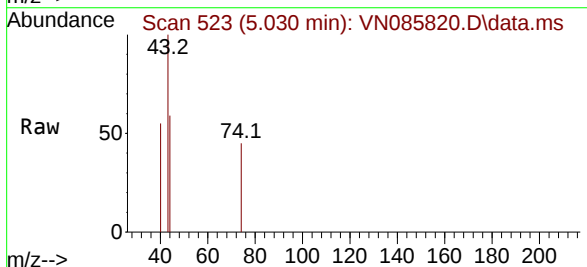
Instrument :
MSVOA_N
ClientSampleId :
IBLK

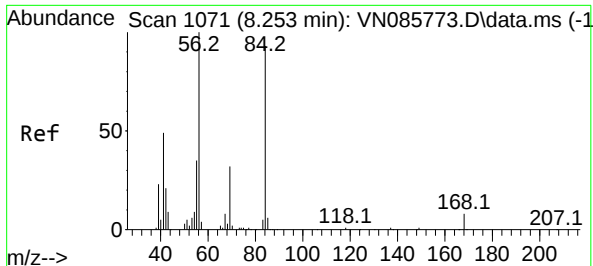
Tgt Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#18
Methyl Acetate
Concen: 0.719 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

Tgt Ion: 43 Resp: 2467
Ion Ratio Lower Upper
43 100
74 14.1 22.2 33.4#

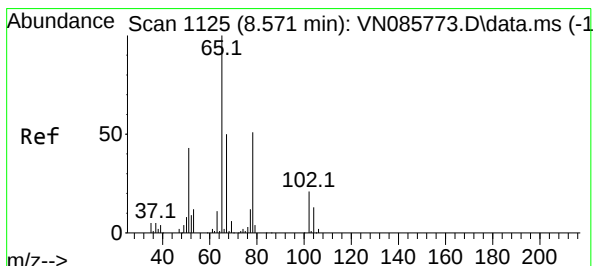
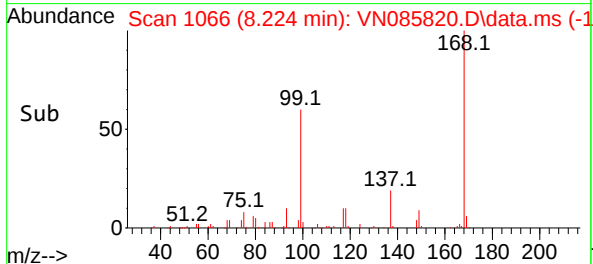
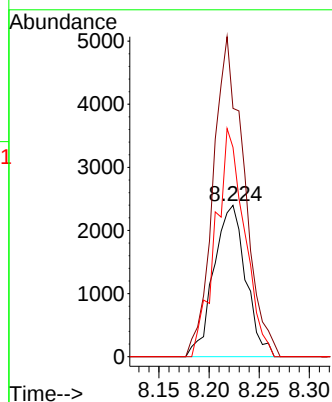
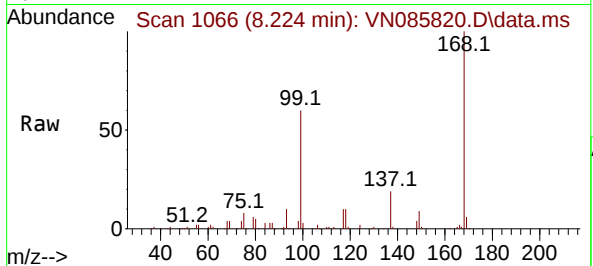




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

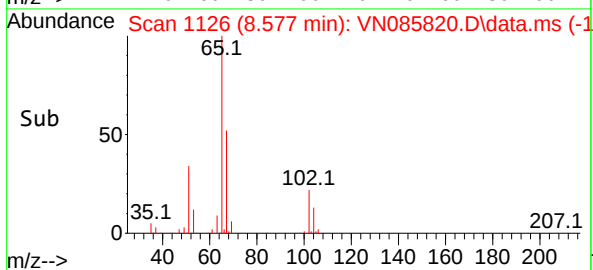
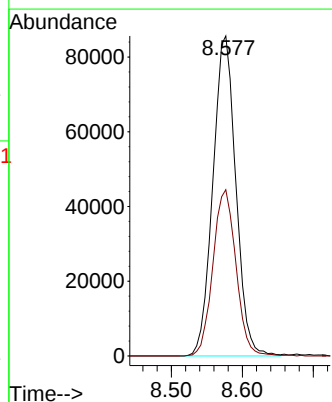
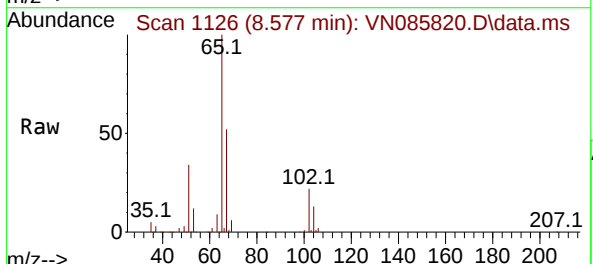
Instrument :
MSVOA_N
ClientSampleId :
IBLK

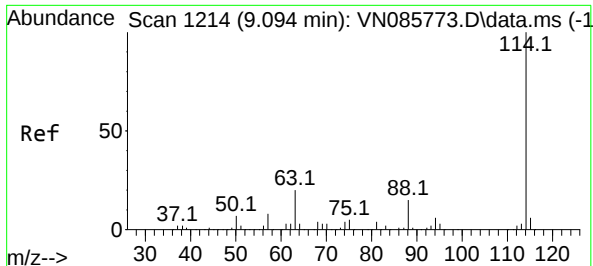
Tgt Ion: 56 Resp: 5323
Ion Ratio Lower Upper
56 100
69 164.1 25.8 38.6#
84 138.3 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 60.957 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

Tgt Ion: 65 Resp: 192169
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085820.D

Acq: 21 Feb 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

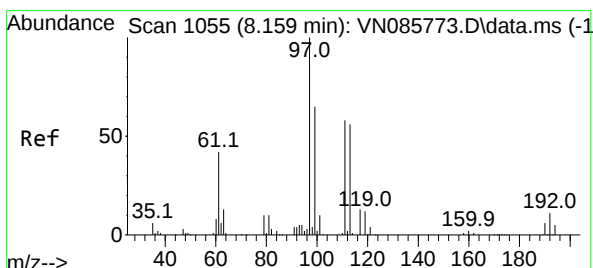
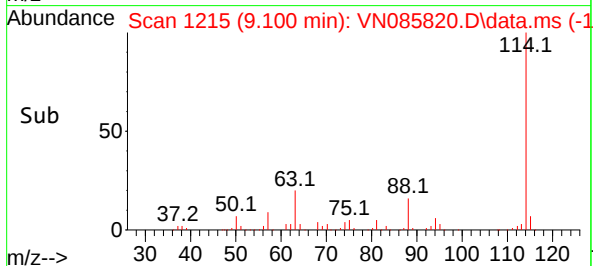
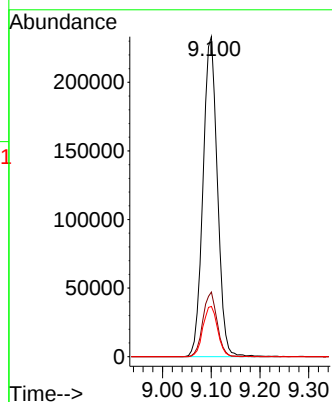
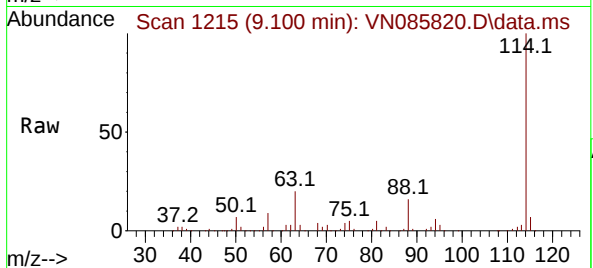
Tgt Ion:114 Resp: 478354

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.507 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085820.D

Acq: 21 Feb 2025 22:13

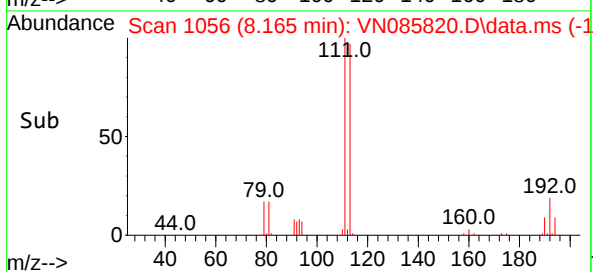
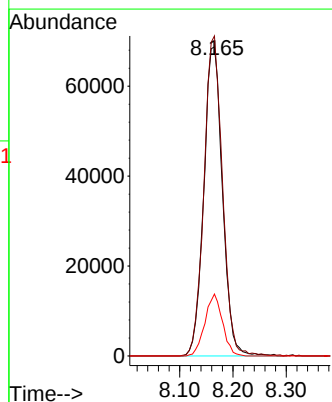
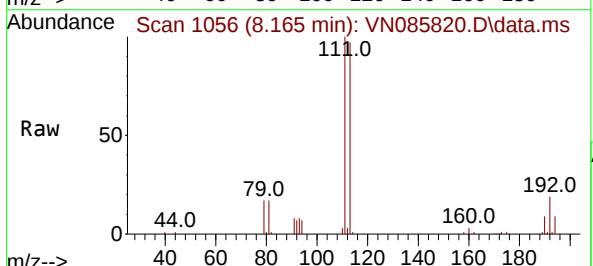
Tgt Ion:113 Resp: 167484

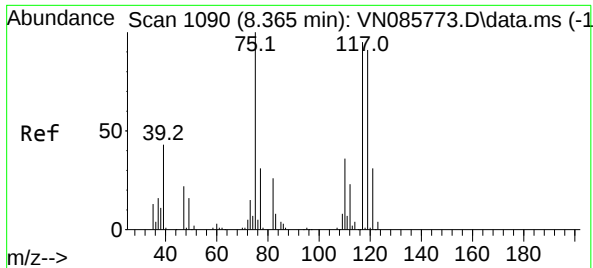
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 18.8 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.686 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085820.D

Acq: 21 Feb 2025 22:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

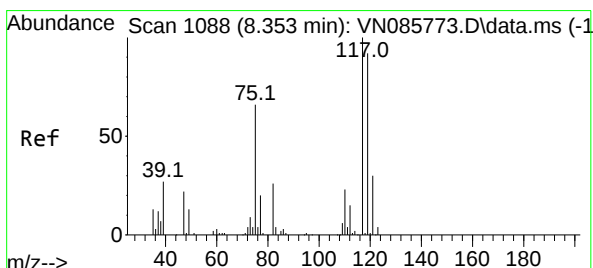
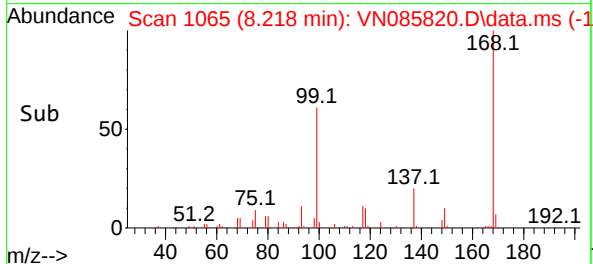
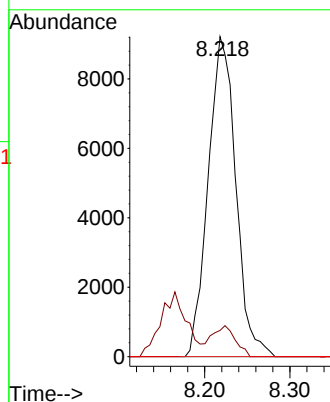
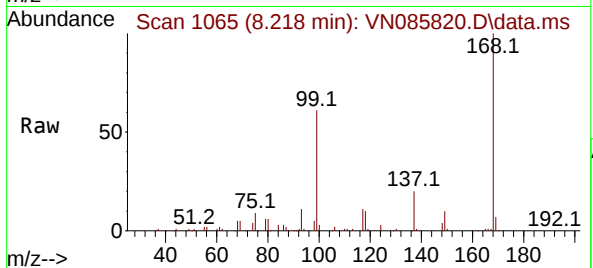
Tgt Ion: 75 Resp: 20760

Ion Ratio Lower Upper

75 100

110 8.5 17.3 52.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.025 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.135 min

Lab File: VN085820.D

Acq: 21 Feb 2025 22:13

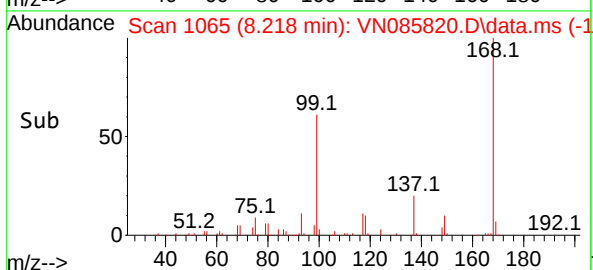
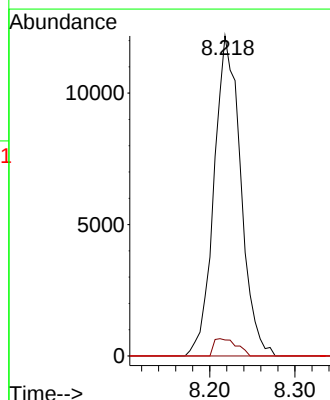
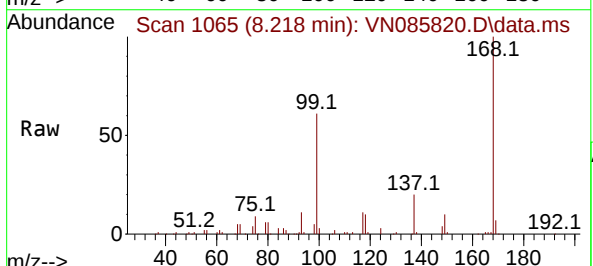
Tgt Ion: 117 Resp: 26448

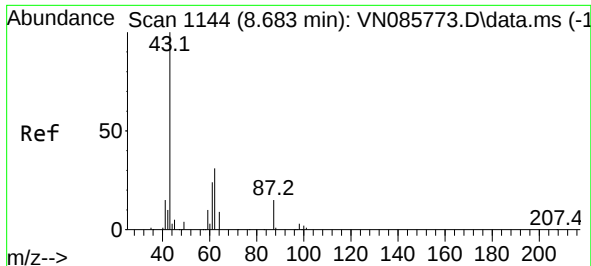
Ion Ratio Lower Upper

117 100

119 5.0 73.8 110.6#

121 0.0 24.3 36.5#

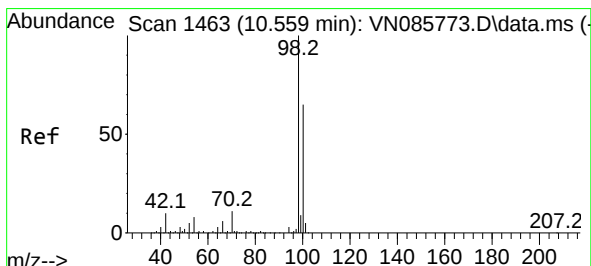
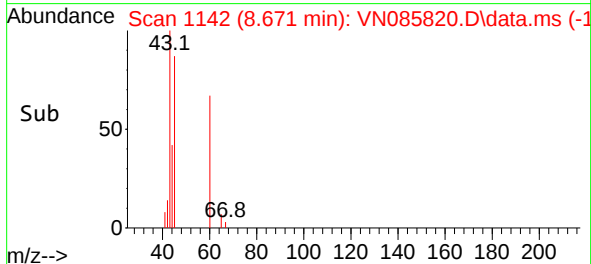
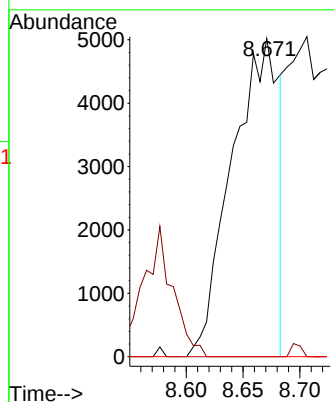
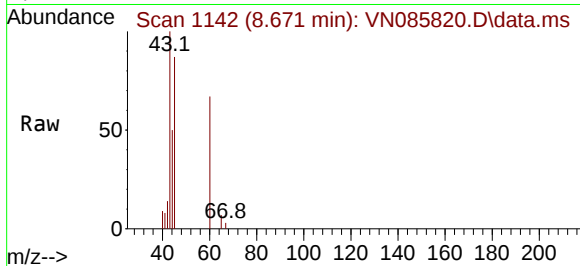




#43
Isopropyl Acetate
Concen: 1.729 ug/l
RT: 8.671 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

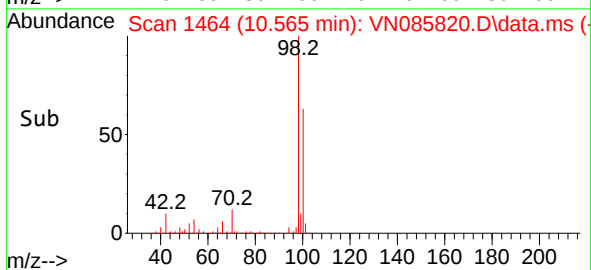
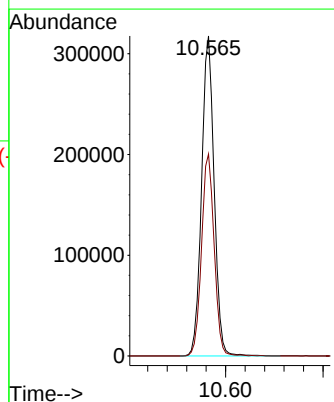
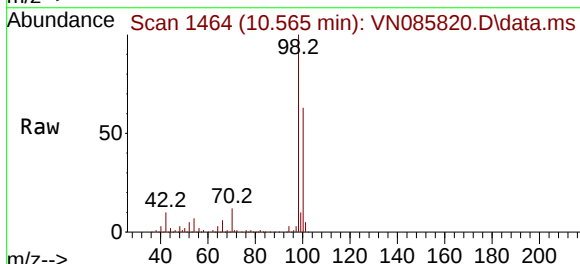
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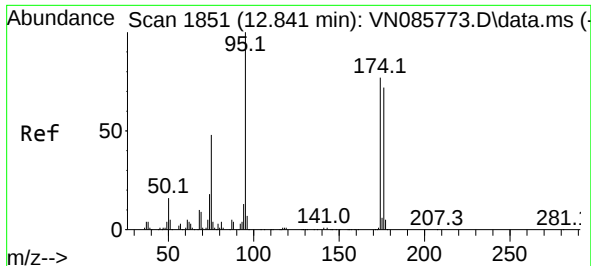
Tgt Ion: 43 Resp: 14436
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#



#50
Toluene-d8
Concen: 49.799 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

Tgt Ion: 98 Resp: 567130
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1

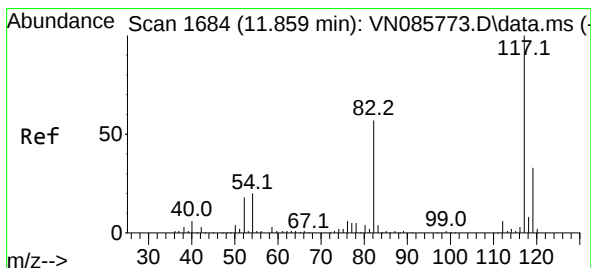
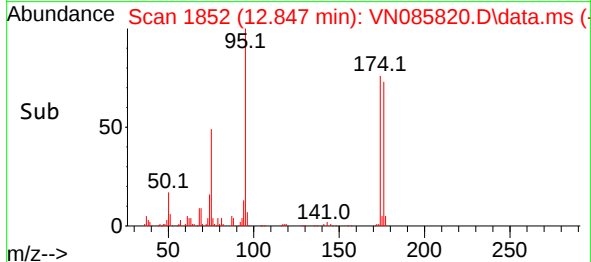
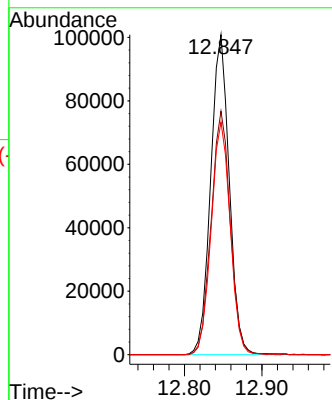
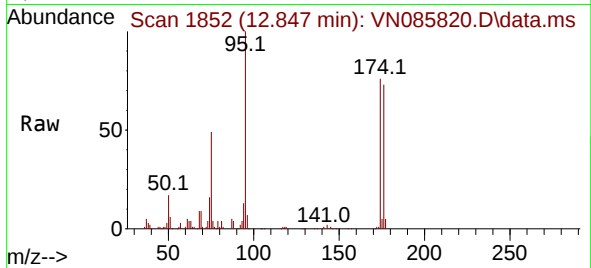




#62
4-Bromofluorobenzene
Concen: 44.723 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

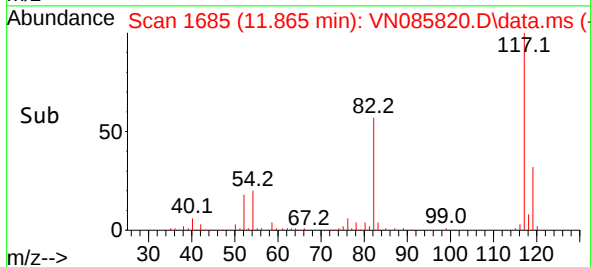
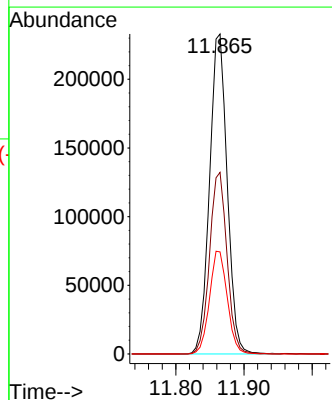
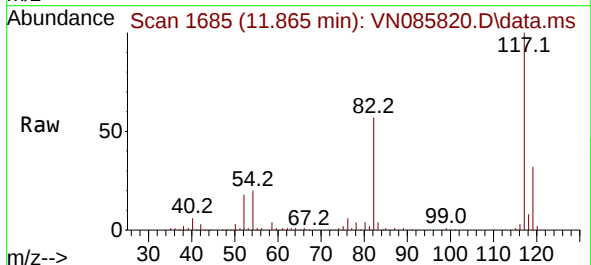
Instrument :
MSVOA_N
ClientSampleId :
IBLK

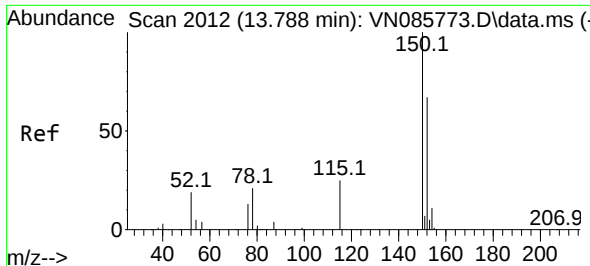
Tgt Ion: 95 Resp: 167808
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.4
176 74.4 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

Tgt Ion: 117 Resp: 418928
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 31.9 26.2 39.2

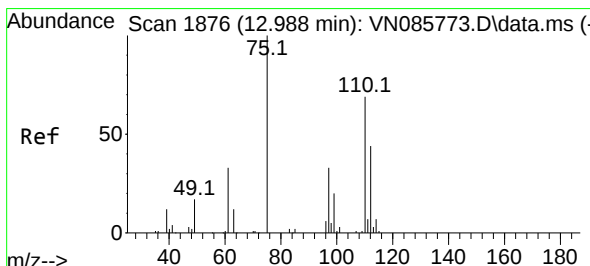
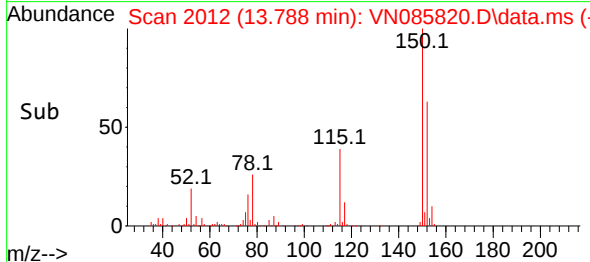
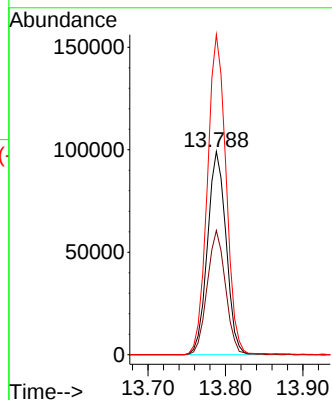
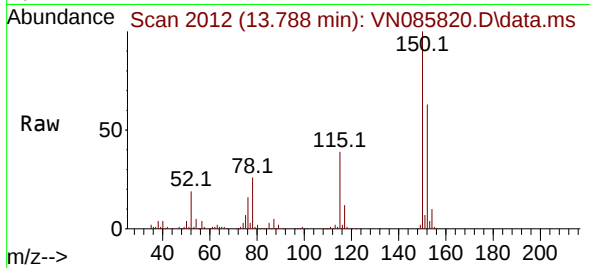




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085820.D
 Acq: 21 Feb 2025 22:13

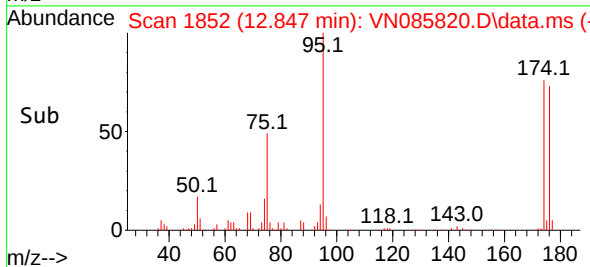
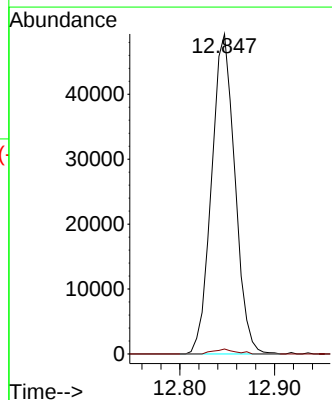
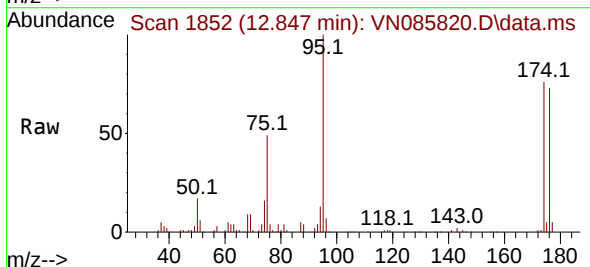
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

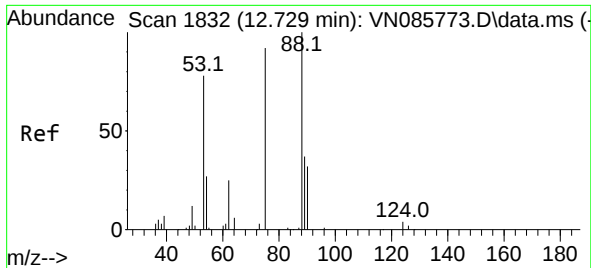
Tgt Ion:152 Resp: 165749
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.4 91.3
 150 157.5 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 22.906 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085820.D
 Acq: 21 Feb 2025 22:13

Tgt Ion: 75 Resp: 84336
 Ion Ratio Lower Upper
 75 100
 77 1.4 100.0 300.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.834 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN085820.D
Acq: 21 Feb 2025 22:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 84336
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.9 52.3#

