

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081063.D
 Acq On : 16 Feb 2024 19:18
 Operator : JC\MD
 Sample : P1519-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

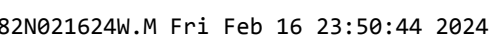
Quant Time: Feb 16 23:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

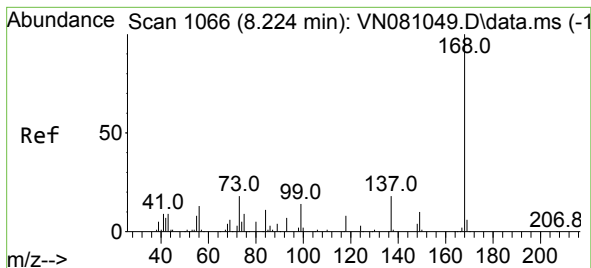
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	346644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	660781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	562309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	182772	43.016	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.040%		
35) Dibromofluoromethane	8.171	113	152331	40.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	81.540%		
50) Toluene-d8	10.570	98	510281	38.451	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	76.900%#		
62) 4-Bromofluorobenzene	12.853	95	186359	37.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	74.740%#		
Target Compounds						Qvalue
3) Chloromethane	2.371	50	2666	Below Cal		93
6) Chloroethane	3.124	64	1500	Below Cal	#	42
13) Acrolein	4.177	56	175	0.418 ug/l	#	48
16) Acetone	4.430	43	1342	0.803 ug/l		98
20) Methylene Chloride	5.283	84	2193	Below Cal	#	43
31) Cyclohexane	8.224	56	8090	1.103 ug/l	#	1
36) 1,1-Dichloropropene	8.218	75	30275	4.729 ug/l	#	53
38) Carbon Tetrachloride	8.224	117	39601	6.115 ug/l	#	17
49) 1,4-Dioxane	9.700	88	55	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	97723	19.359 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97723	49.829 ug/l	#	14

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

Quant Time: Feb 16 23:50:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1066

Delta R.T. 0.005 min

Lab File: VN081063.D

Acq: 16 Feb 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

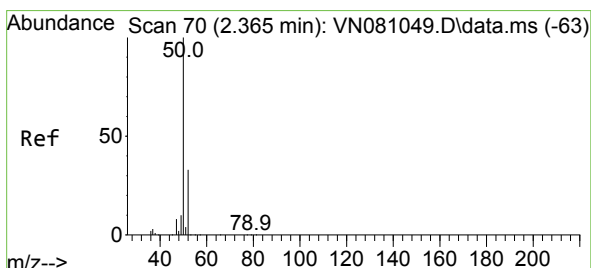
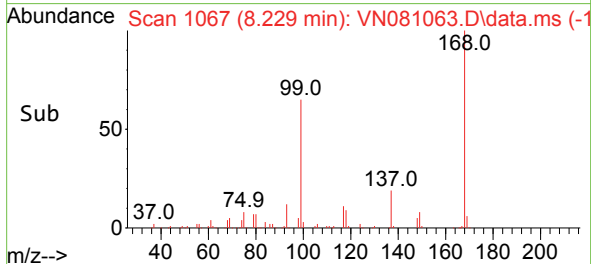
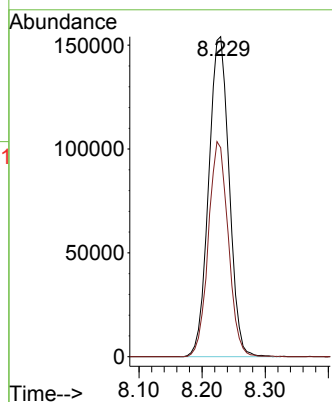
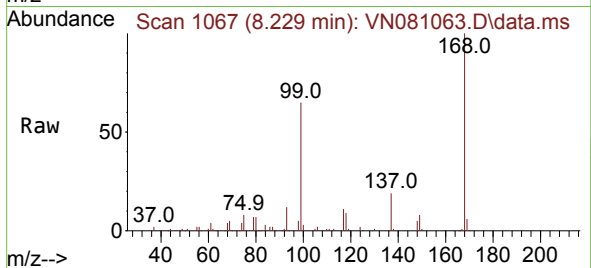
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 346644

Ion Ratio Lower Upper

168 100

99 65.3 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN081063.D

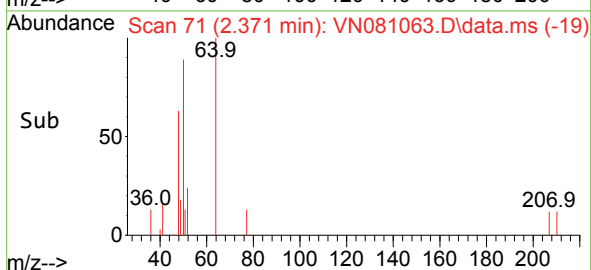
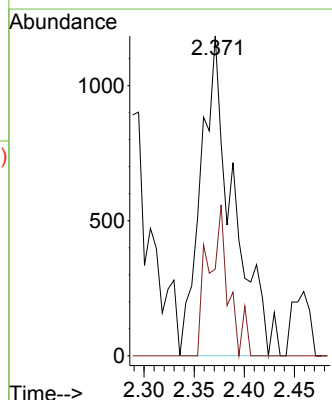
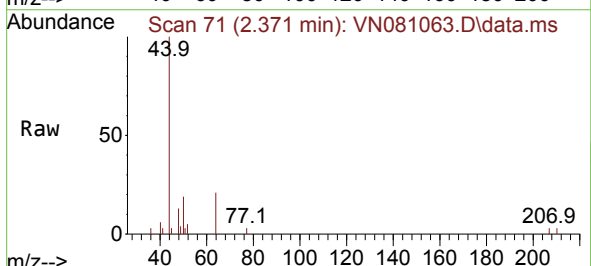
Acq: 16 Feb 2024 19:18

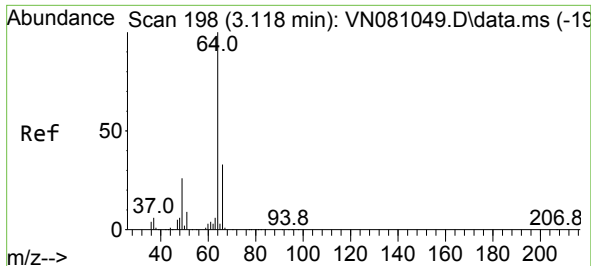
Tgt Ion: 50 Resp: 2666

Ion Ratio Lower Upper

50 100

52 27.1 25.0 37.4

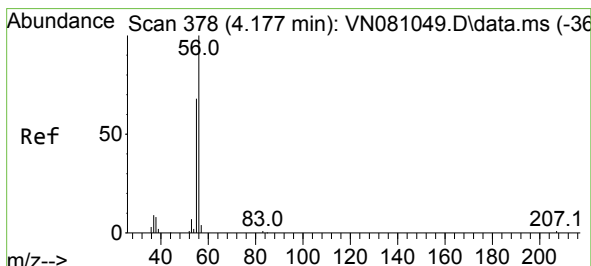
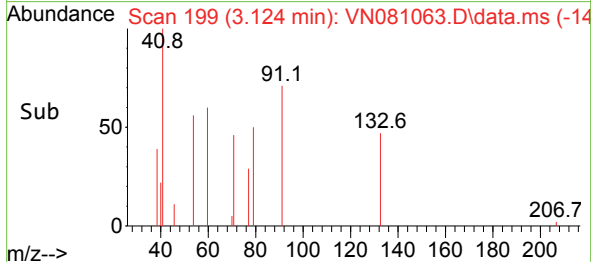
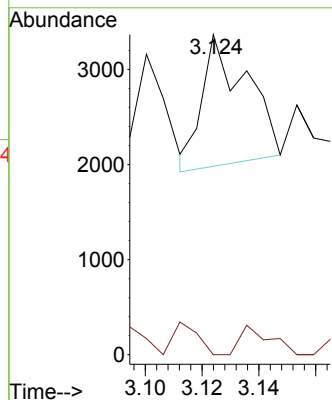
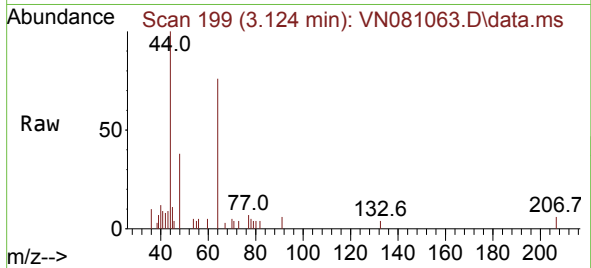




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

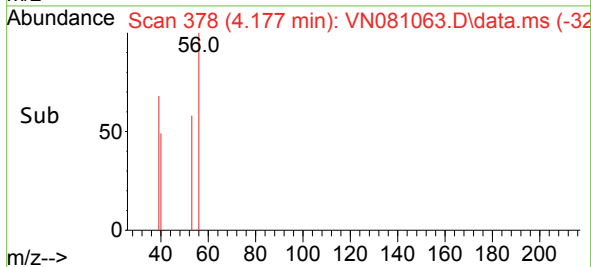
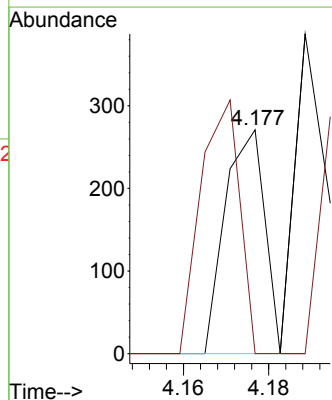
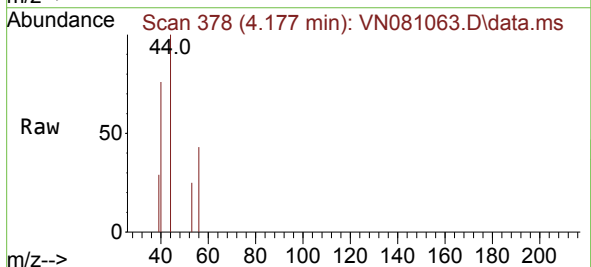
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

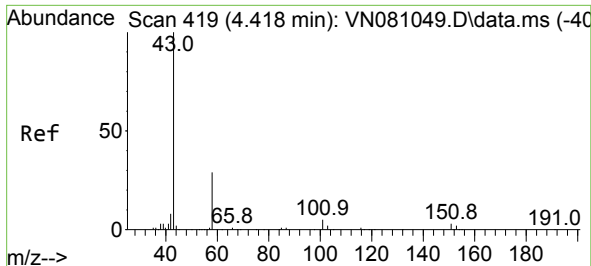
Tgt Ion: 64 Resp: 1500
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.418 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 111.4 55.3 82.9#





#16

Acetone

Concen: 0.803 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081063.D

Acq: 16 Feb 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

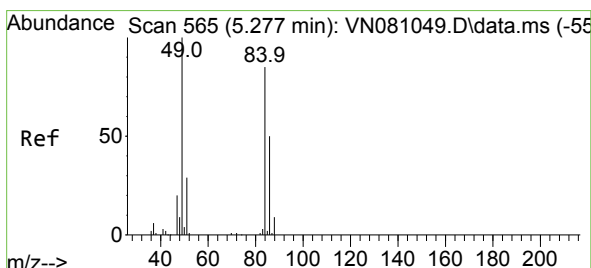
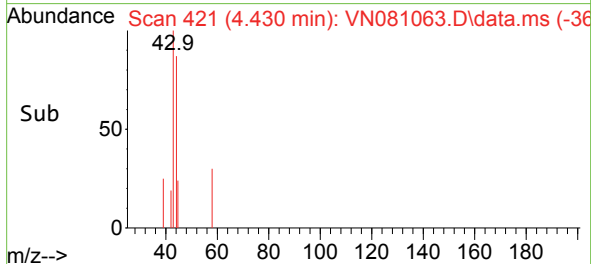
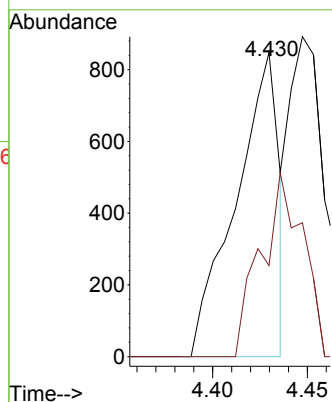
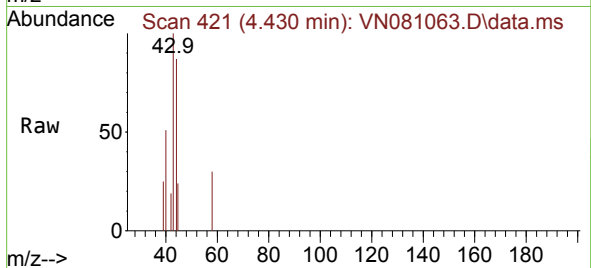
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

58 30.0 24.8 37.2



#20

Methylene Chloride

Concen: Below Cal

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN081063.D

Acq: 16 Feb 2024 19:18

Tgt Ion: 84 Resp: 2193

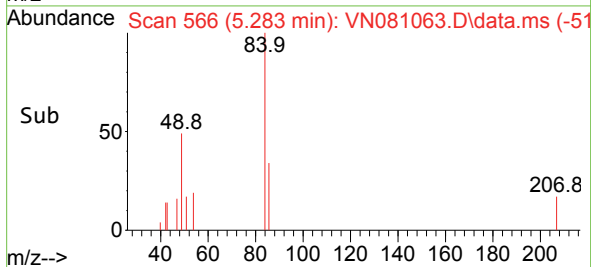
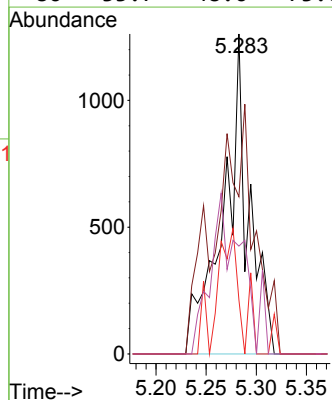
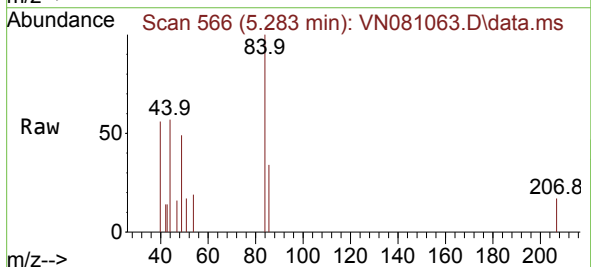
Ion Ratio Lower Upper

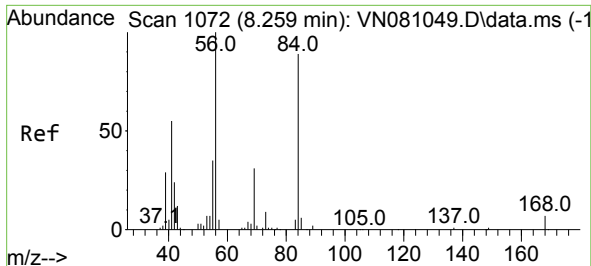
84 100

49 49.1 108.1 162.1#

51 16.9 32.9 49.3#

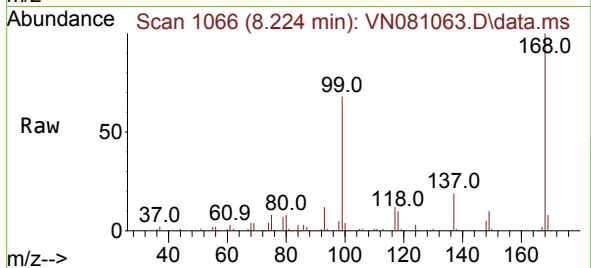
86 33.7 48.6 73.0#



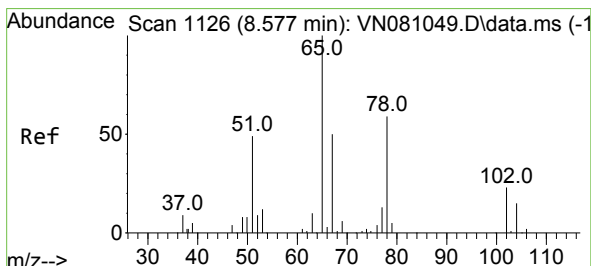
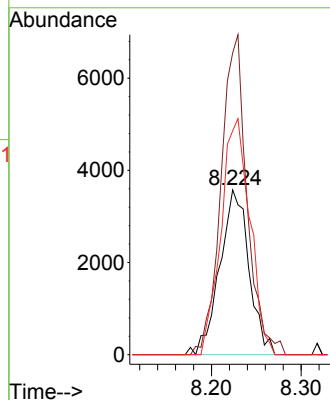
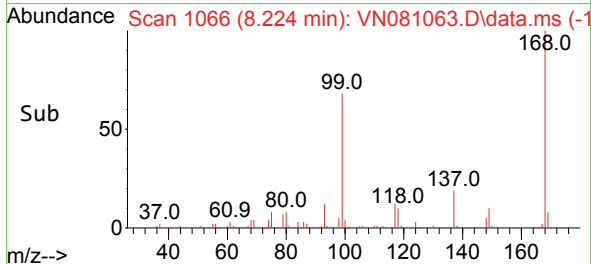


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

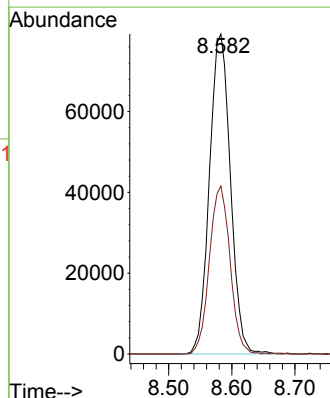
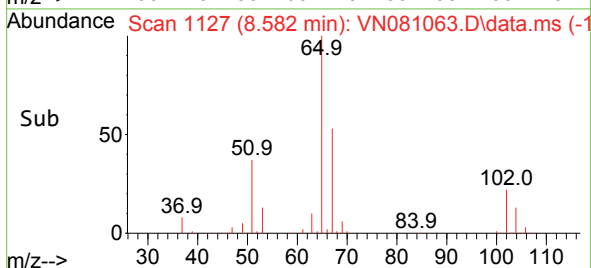
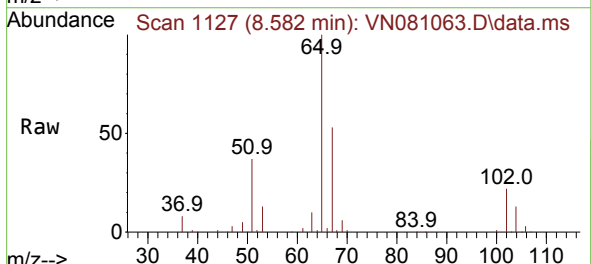


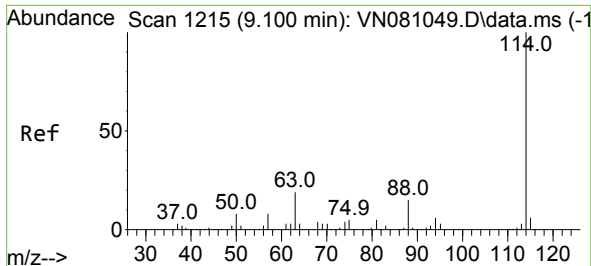
Tgt Ion: 56 Resp: 8090
Ion Ratio Lower Upper
56 100
69 183.1 20.1 30.1#
84 135.9 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 43.016 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Tgt Ion: 65 Resp: 182772
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081063.D

Acq: 16 Feb 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

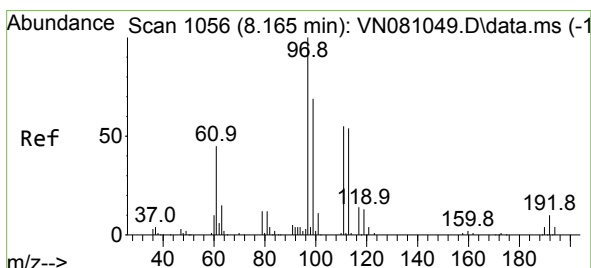
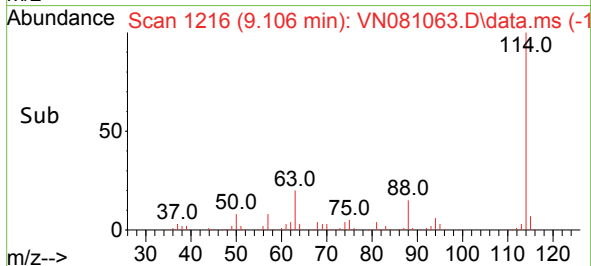
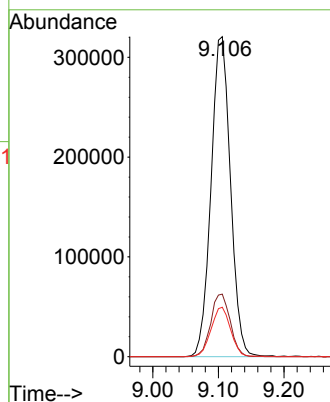
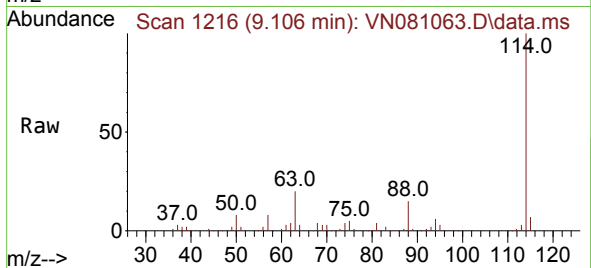
Tgt Ion:114 Resp: 660781

Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 40.768 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081063.D

Acq: 16 Feb 2024 19:18

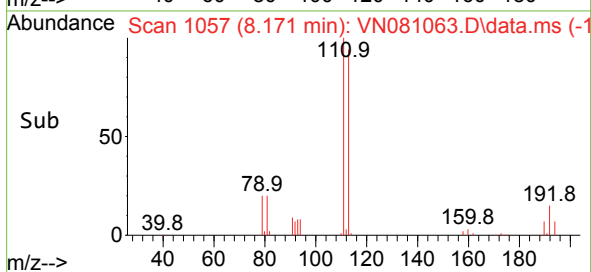
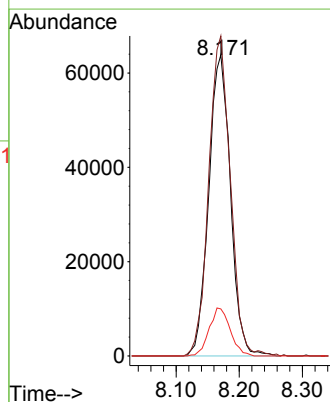
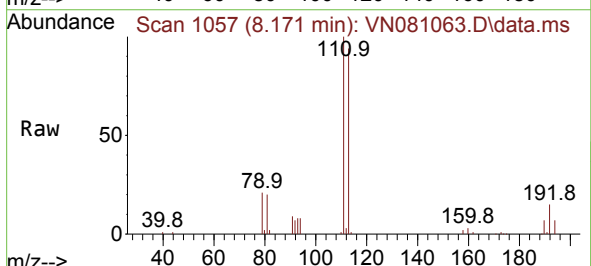
Tgt Ion:113 Resp: 152331

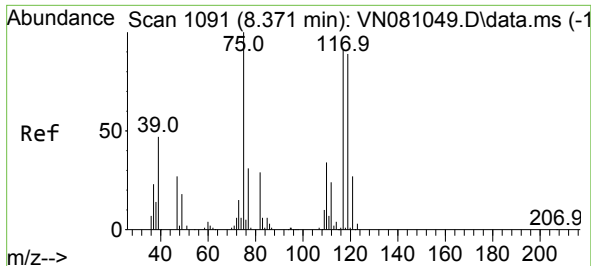
Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.4

192 15.5 12.5 18.7

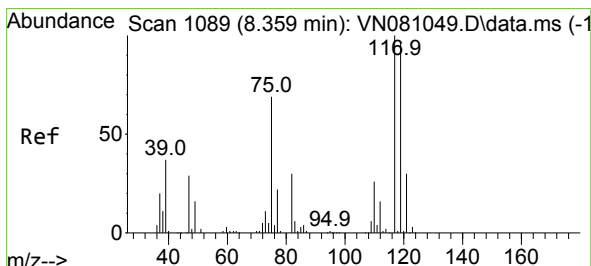
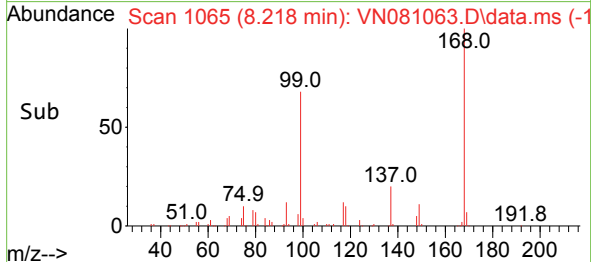
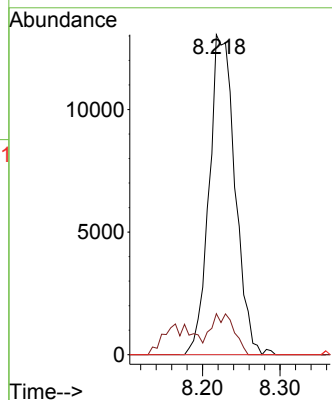
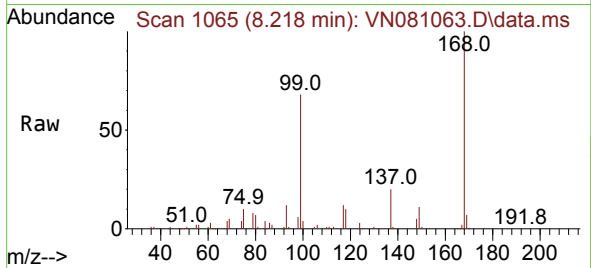




#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

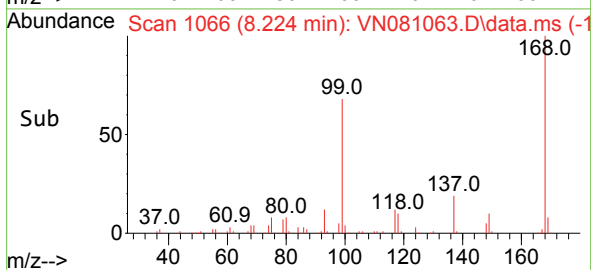
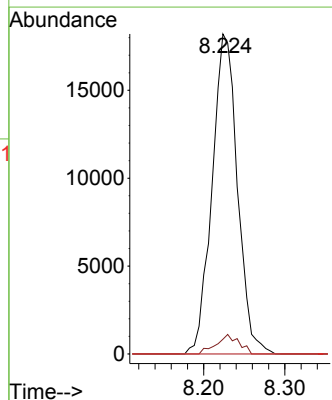
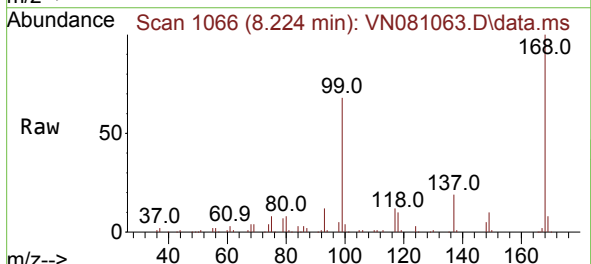
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

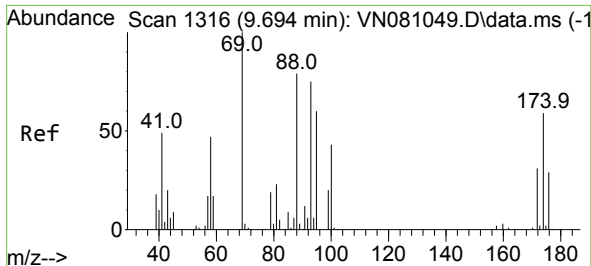
Tgt Ion: 75 Resp: 30275
Ion Ratio Lower Upper
75 100
110 11.5 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.115 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Tgt Ion: 117 Resp: 39601
Ion Ratio Lower Upper
117 100
119 4.6 73.4 110.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081063.D

Acq: 16 Feb 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

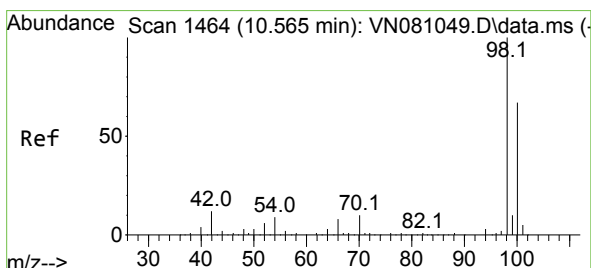
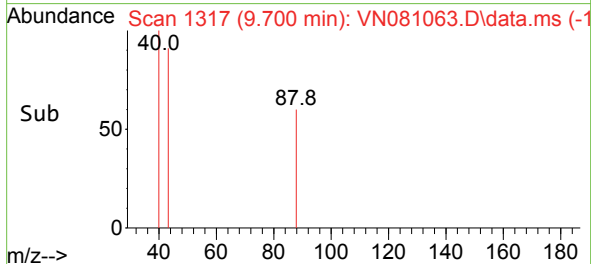
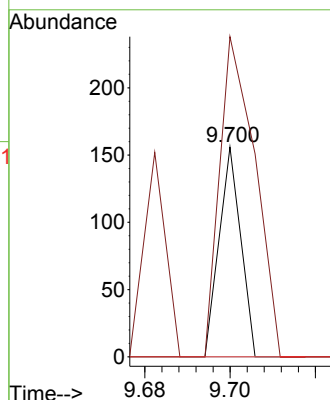
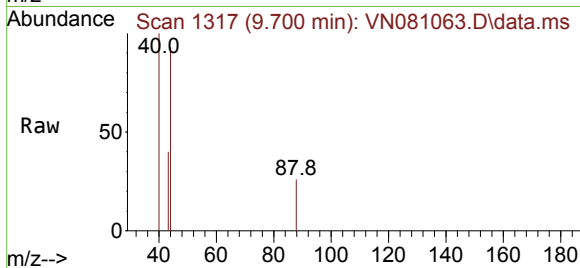
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

43 249.1 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 38.451 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081063.D

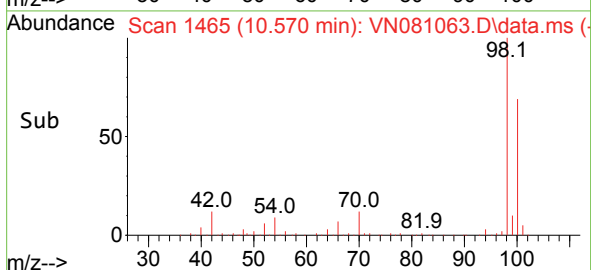
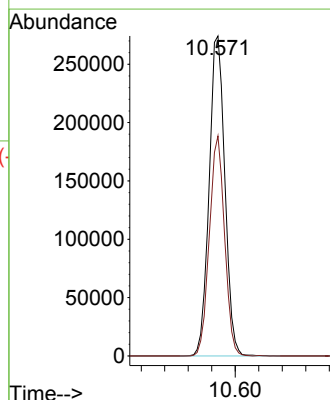
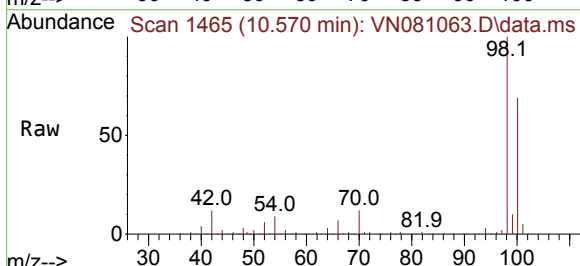
Acq: 16 Feb 2024 19:18

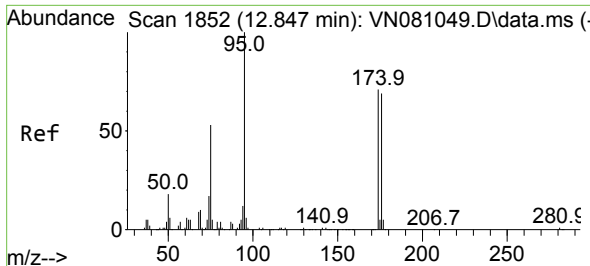
Tgt Ion: 98 Resp: 510281

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.0

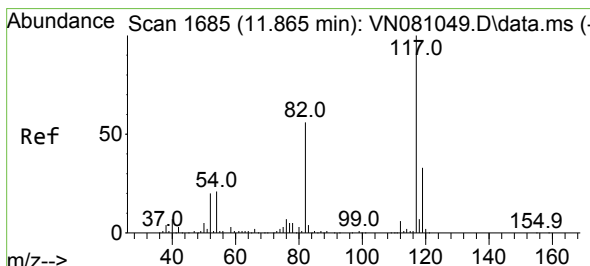
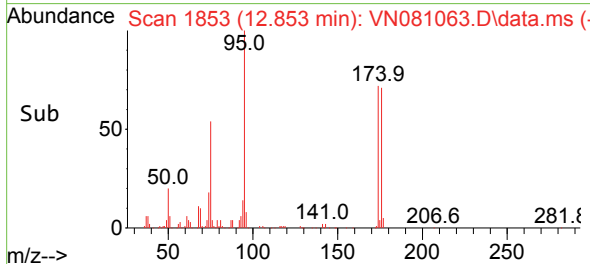
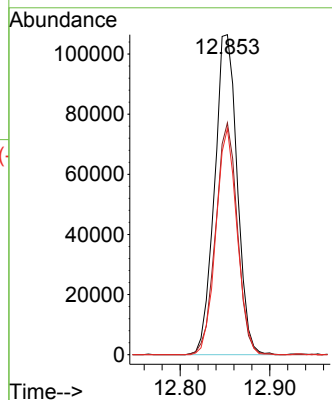
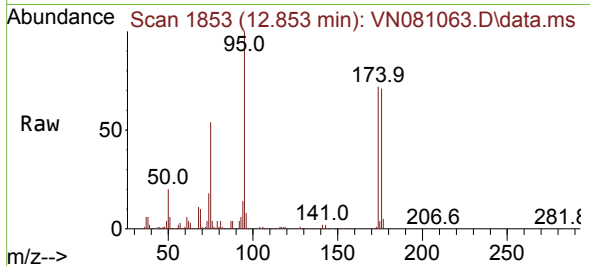




#62
4-Bromofluorobenzene
Concen: 37.372 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

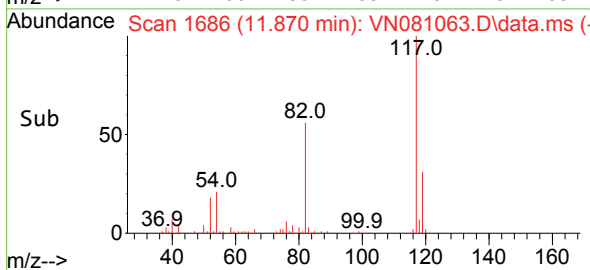
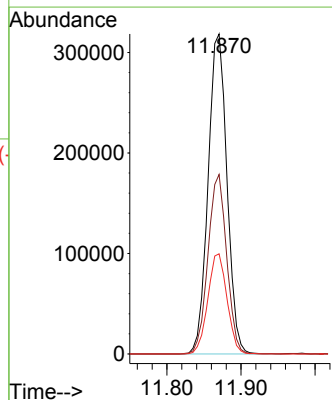
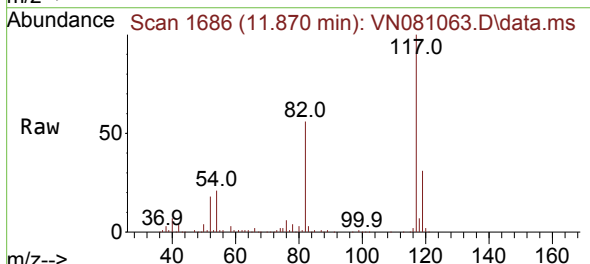
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

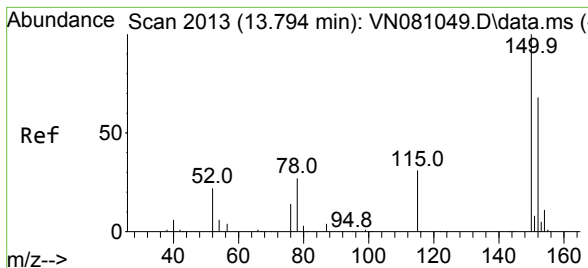
Tgt Ion: 95 Resp: 186359
Ion Ratio Lower Upper
95 100
174 69.6 0.0 120.4
176 66.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Tgt Ion: 117 Resp: 562309
Ion Ratio Lower Upper
117 100
82 56.1 52.7 79.1
119 31.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN081063.D

Acq: 16 Feb 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

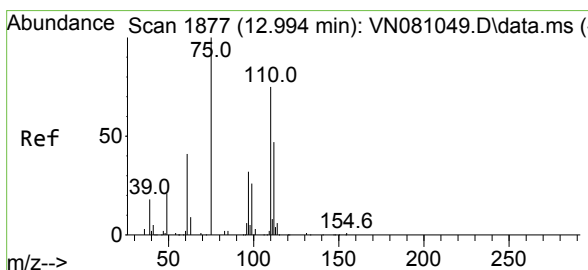
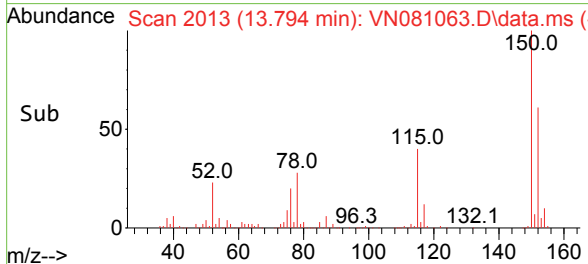
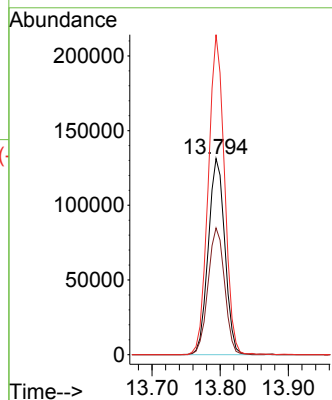
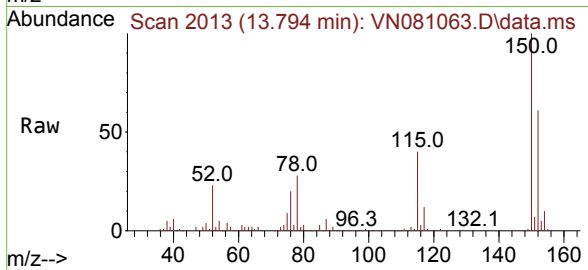
Tgt Ion:152 Resp: 222171

Ion Ratio Lower Upper

152 100

115 64.6 32.3 96.8

150 159.9 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 19.359 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081063.D

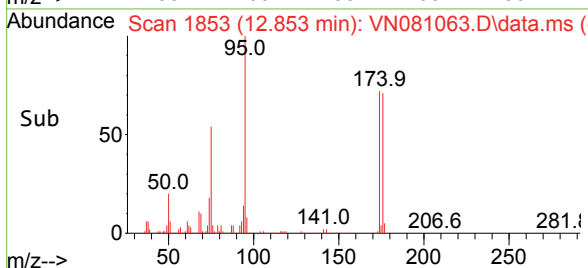
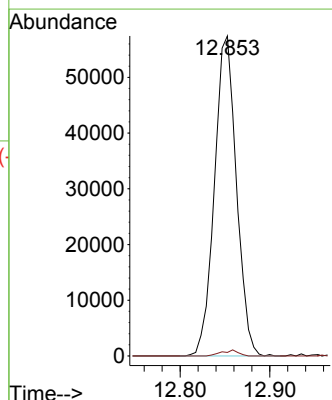
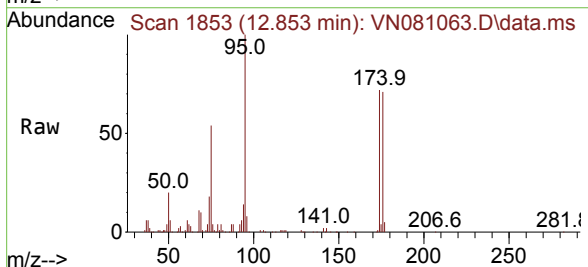
Acq: 16 Feb 2024 19:18

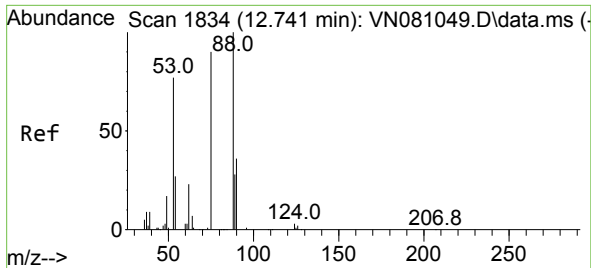
Tgt Ion: 75 Resp: 97723

Ion Ratio Lower Upper

75 100

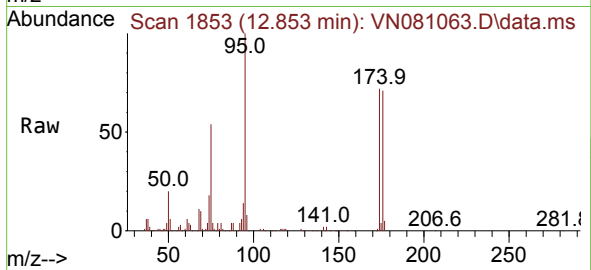
77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.829 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081063.D
 Acq: 16 Feb 2024 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 75 Resp: 97723
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

