

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041989.D
 Acq On : 21 Jun 2024 18:45
 Operator : JC/MD
 Sample : P3005-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

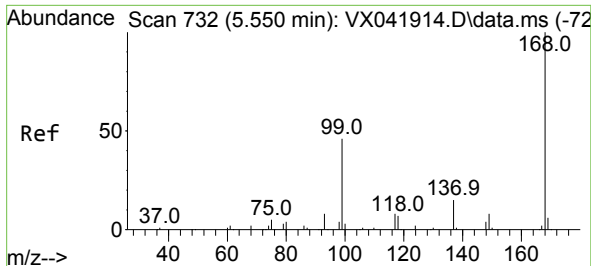
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jun 22 04:45:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	139336	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72828	45.327	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.660%
35) Dibromofluoromethane	5.391	113	68095	44.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.440%
50) Toluene-d8	8.647	98	255041	47.141	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.280%
62) 4-Bromofluorobenzene	11.079	95	95870	48.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	328	0.246	ug/l #	43
5) Bromomethane	1.593	94	215	0.326	ug/l #	73
6) Chloroethane	1.703	64	89	Below Cal	#	43
16) Acetone	2.392	43	1291	1.830	ug/l #	84
20) Methylene Chloride	2.788	84	1677	1.086	ug/l #	87
31) Cyclohexane	5.550	56	2083	1.109	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8216	5.024	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11810	6.536	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	959	0.426	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44407	22.682	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44407	64.414	ug/l #	5

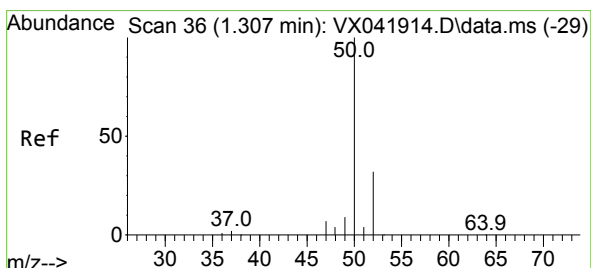
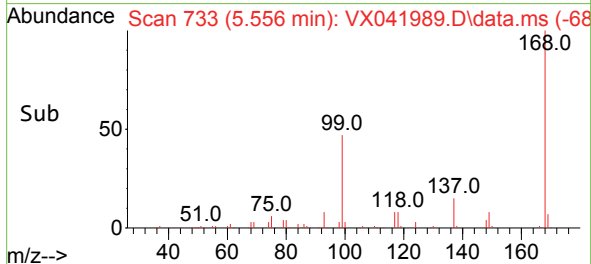
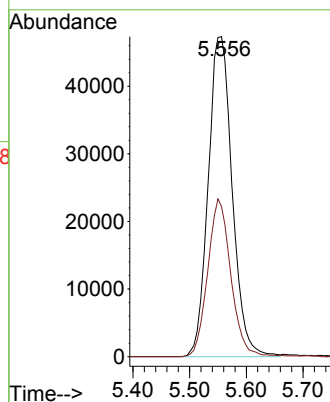
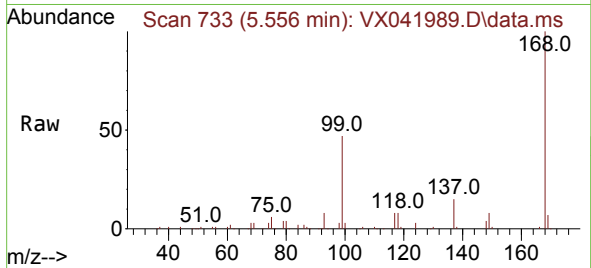
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

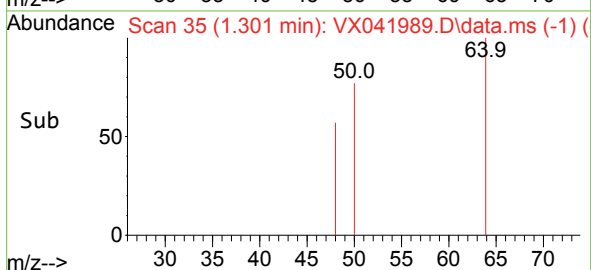
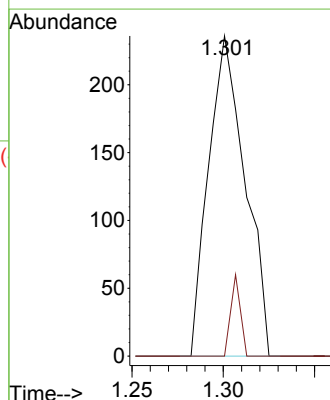
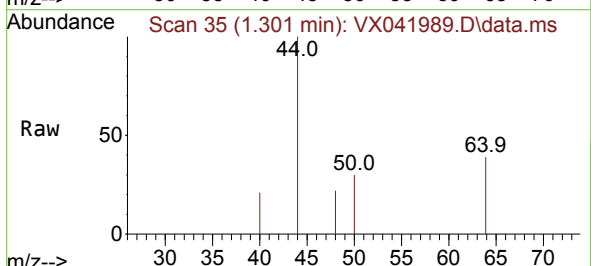
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MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

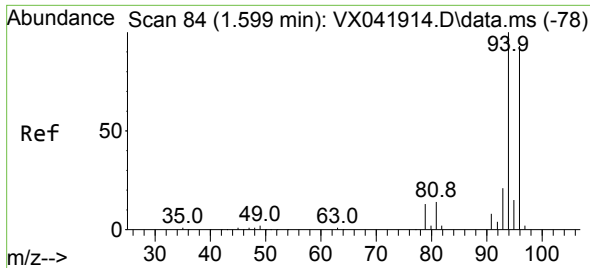
Tgt Ion:168 Resp: 139336
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

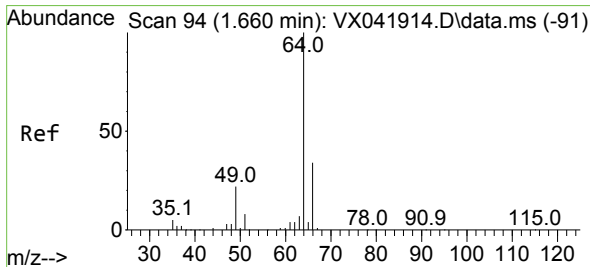
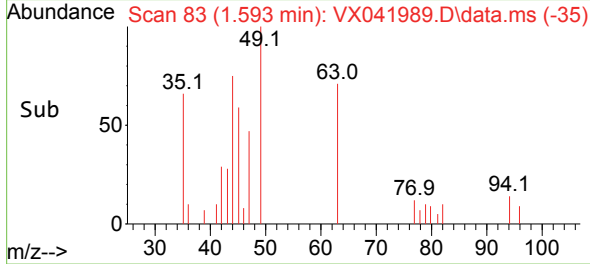
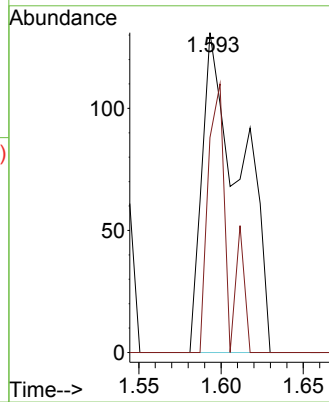
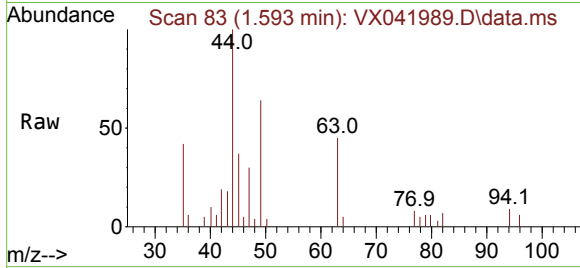




#5
Bromomethane
Concen: 0.326 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

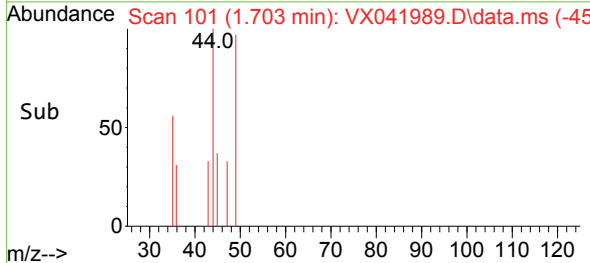
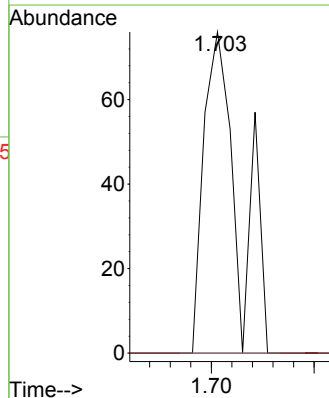
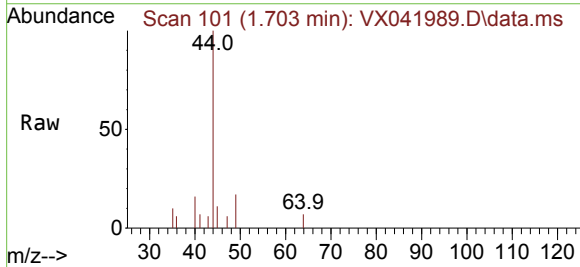
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MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

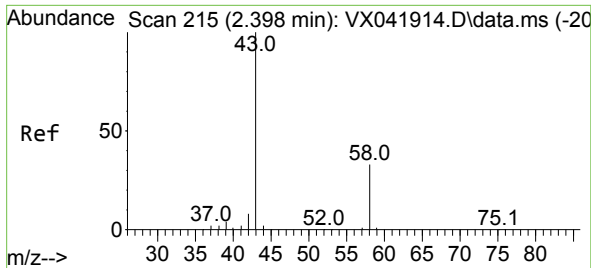
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 67.2 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.043 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Tgt Ion: 64 Resp: 89
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

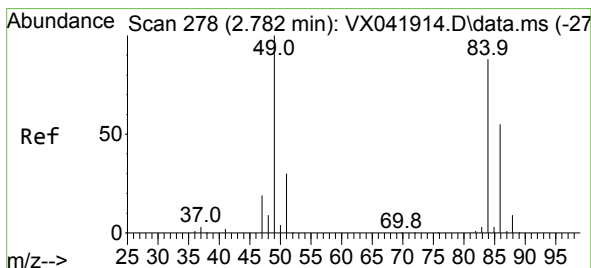
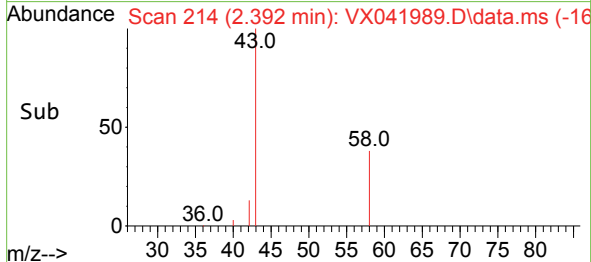
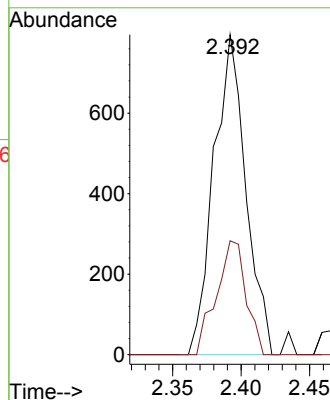
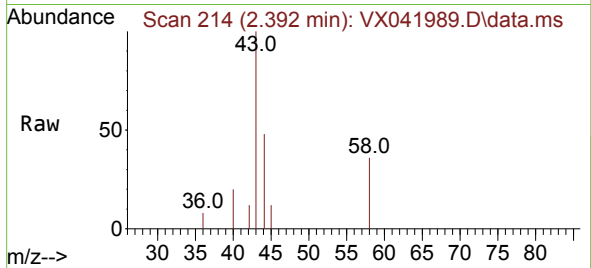




#16
Acetone
Concen: 1.830 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

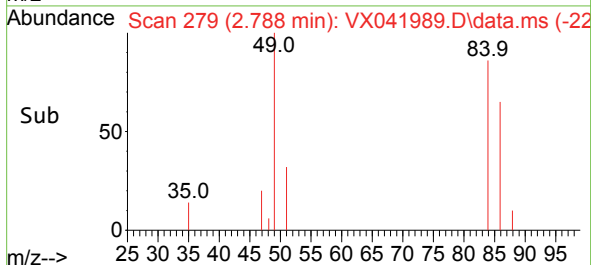
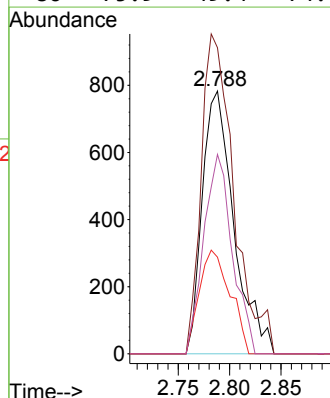
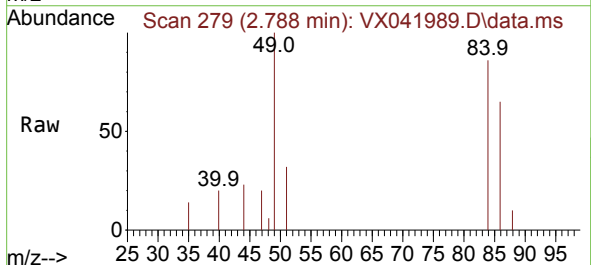
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

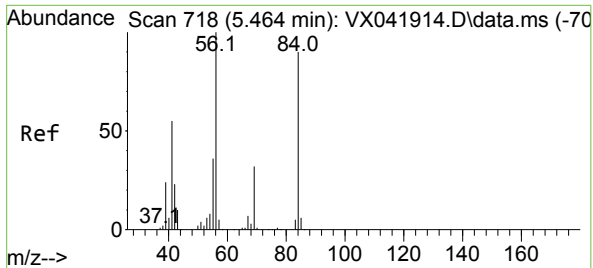
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 35.6 21.9 32.9#



#20
Methylene Chloride
Concen: 1.086 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Tgt Ion: 84 Resp: 1677
Ion Ratio Lower Upper
84 100
49 116.5 103.6 155.4
51 36.8 33.8 50.6
86 75.9 49.4 74.0#

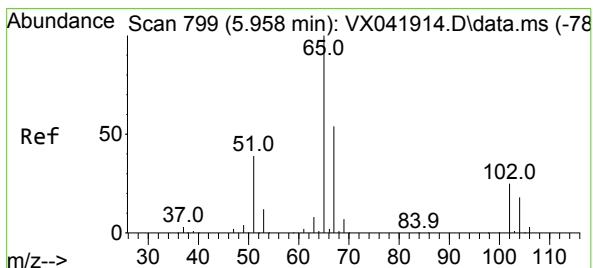
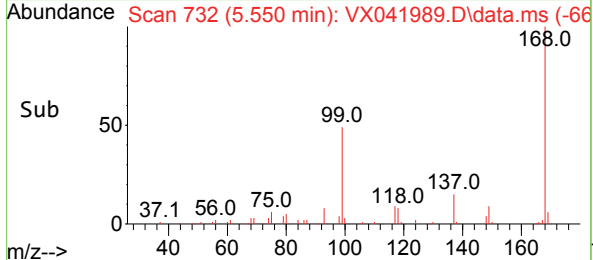
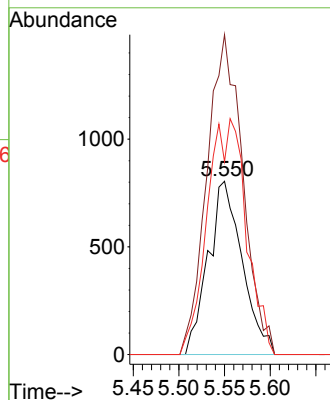
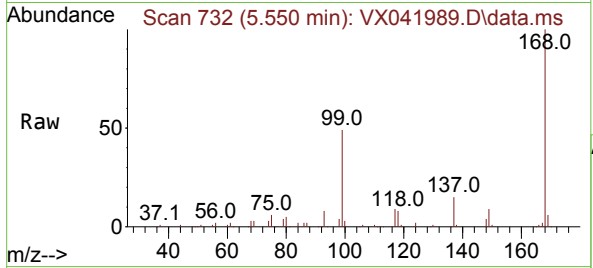




#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

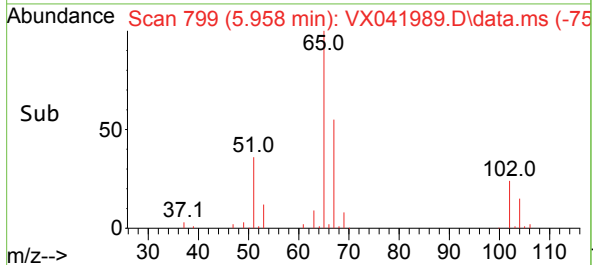
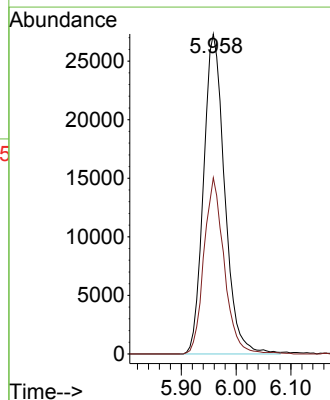
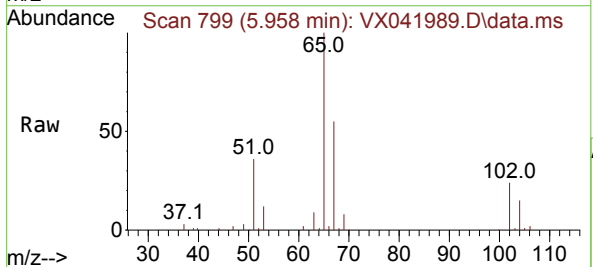
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ClientSampleId :
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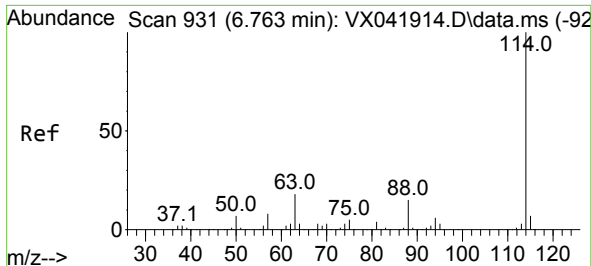
Tgt Ion: 56 Resp: 2083
Ion Ratio Lower Upper
56 100
69 184.5 23.4 35.2#
84 111.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.327 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Tgt Ion: 65 Resp: 72828
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

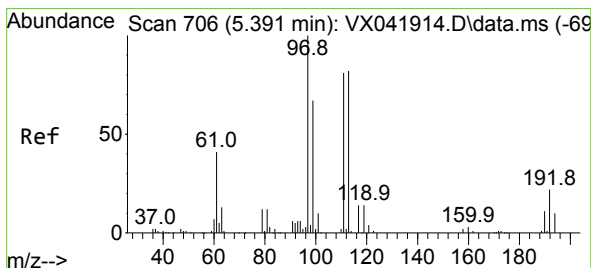
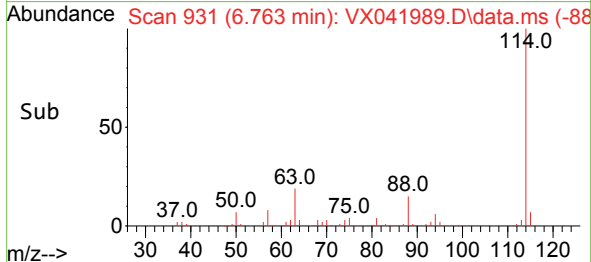
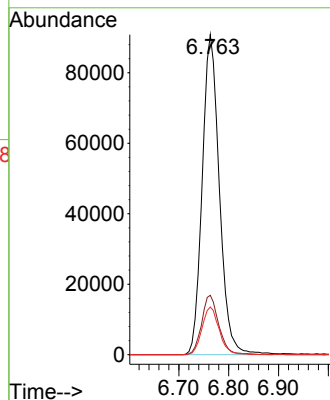
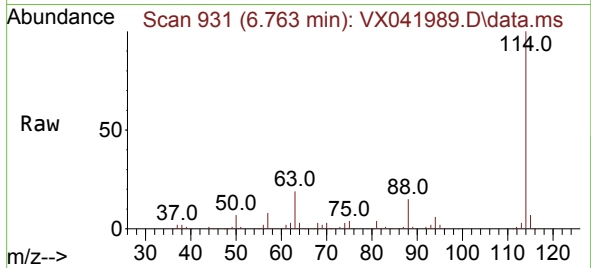




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

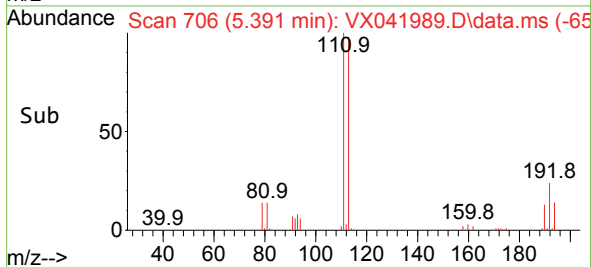
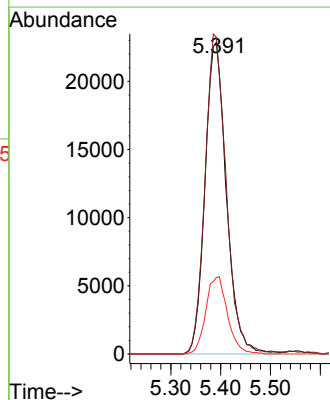
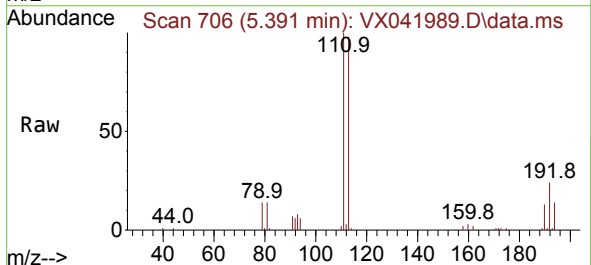
Instrument :
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ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

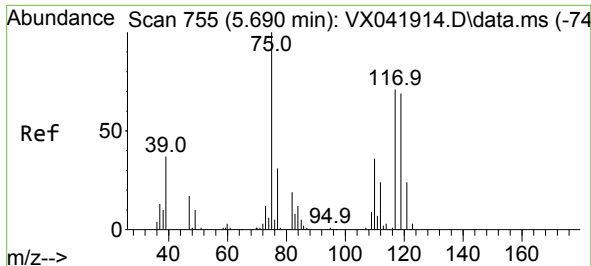
Tgt Ion:114 Resp: 217042
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.217 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Tgt Ion:113 Resp: 68095
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.1 13.3 19.9#

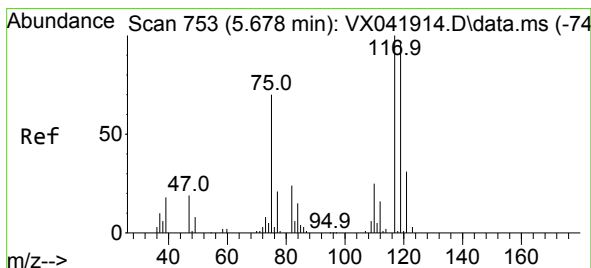
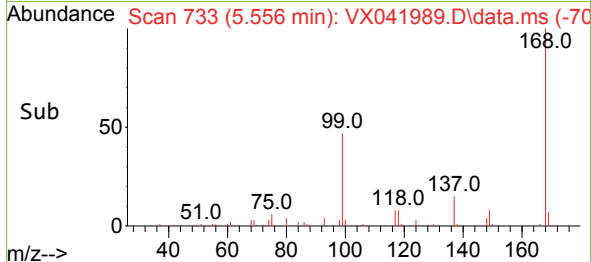
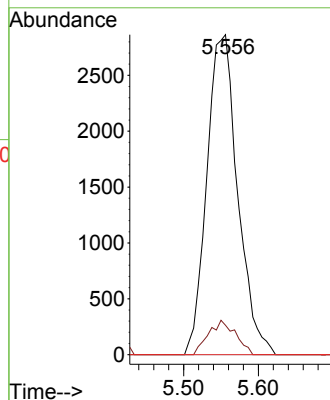
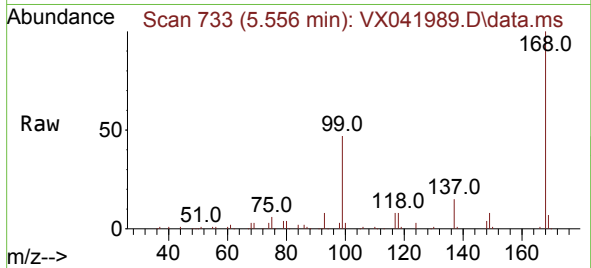




#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

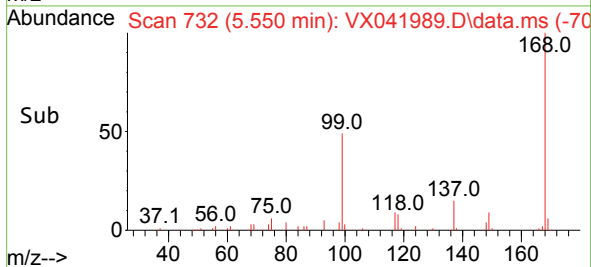
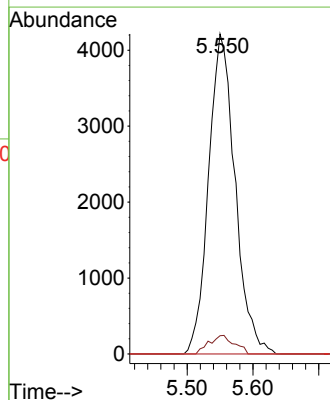
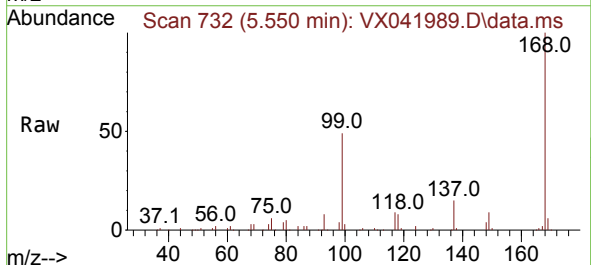
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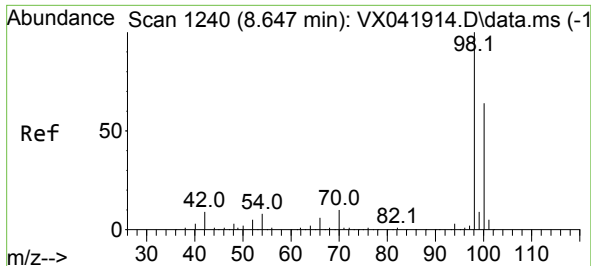
Tgt Ion: 75 Resp: 8216
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.536 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Tgt Ion: 117 Resp: 11810
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

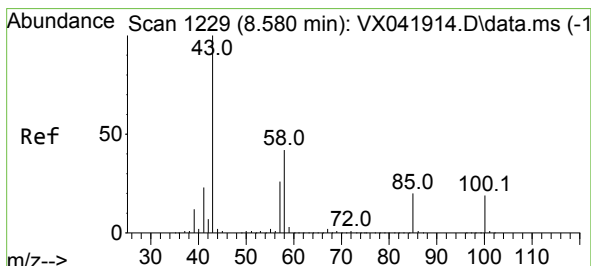
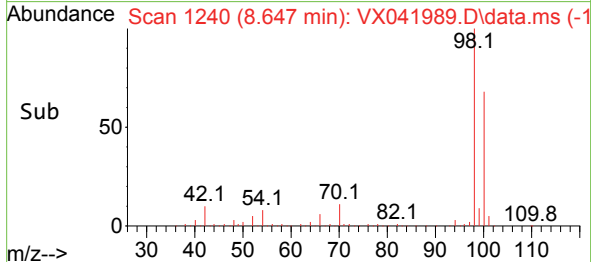
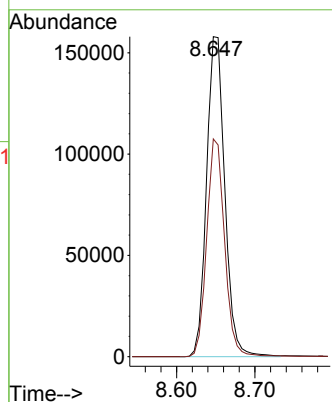
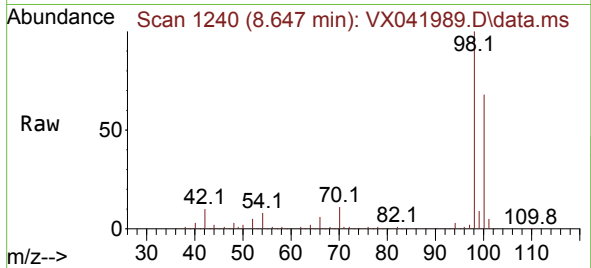




#50
Toluene-d8
Concen: 47.141 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

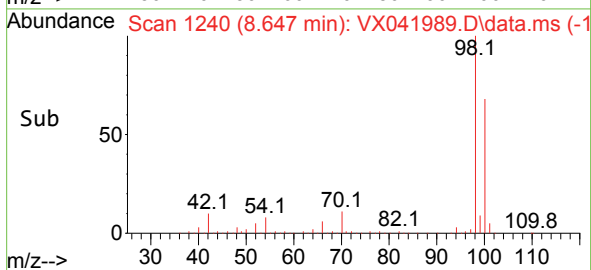
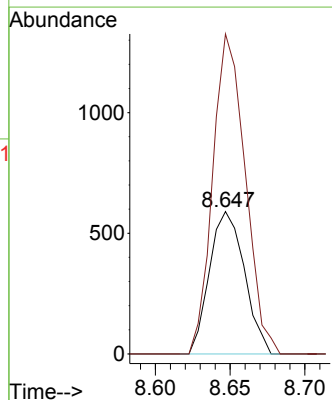
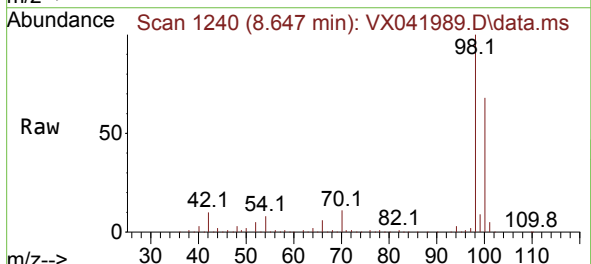
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

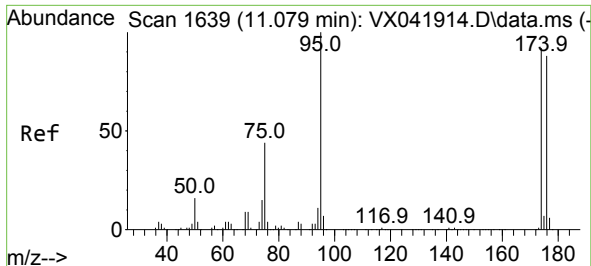
Tgt Ion: 98 Resp: 255041
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.426 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 209.2 30.4 45.6#

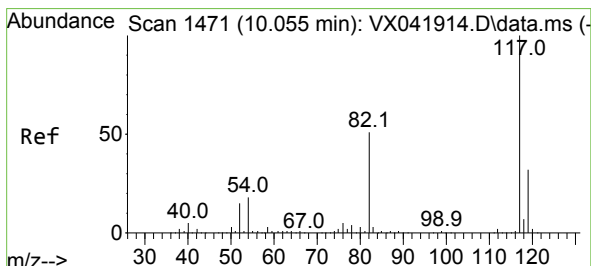
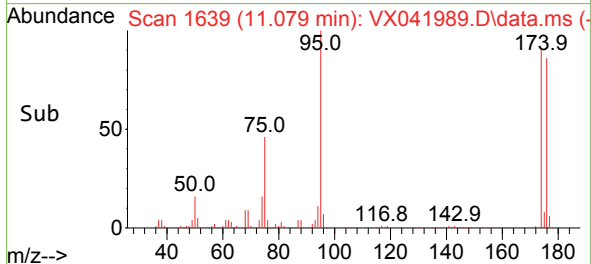
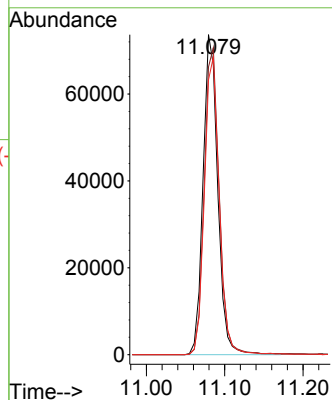
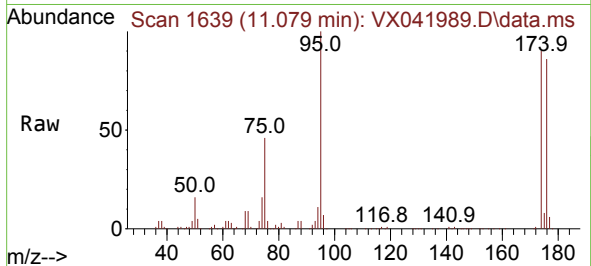




#62
4-Bromofluorobenzene
Concen: 48.071 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

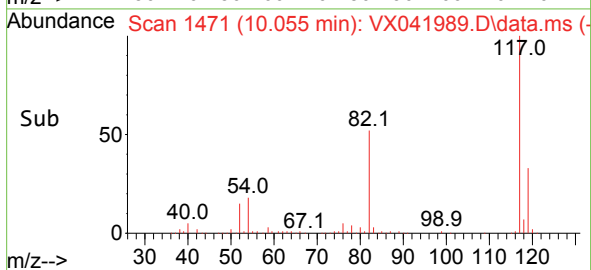
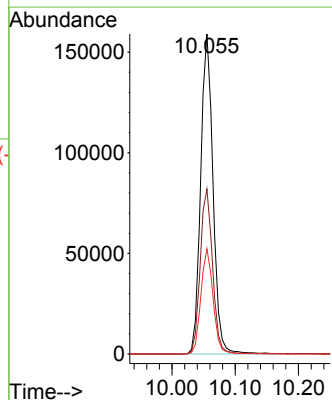
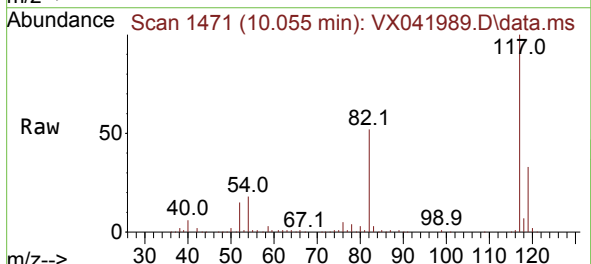
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

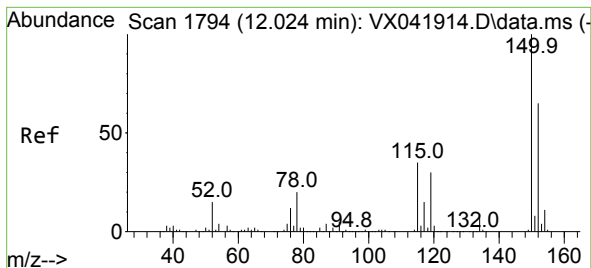
Tgt Ion: 95 Resp: 95870
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 94.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Tgt Ion: 117 Resp: 216419
Ion Ratio Lower Upper
117 100
82 51.5 46.2 69.4
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041989.D

Acq: 21 Jun 2024 18:45

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

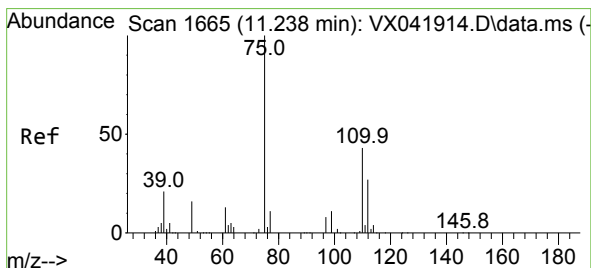
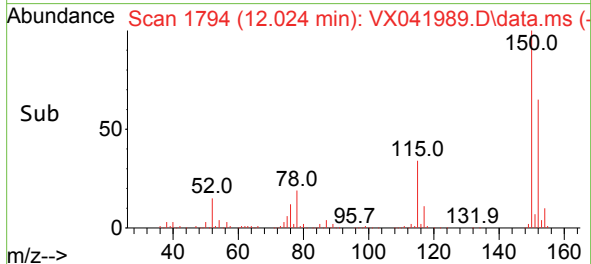
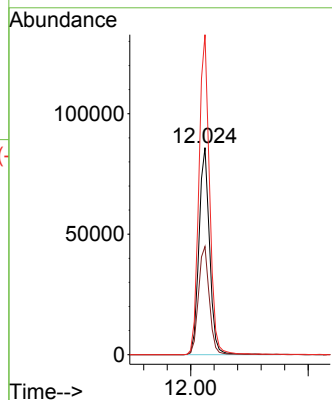
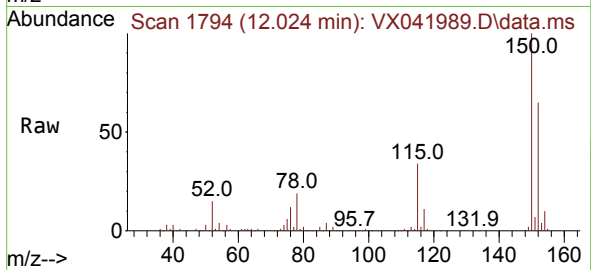
Tgt Ion:152 Resp: 107846

Ion Ratio Lower Upper

152 100

115 53.6 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.682 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041989.D

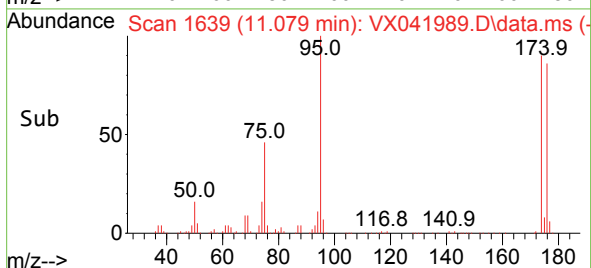
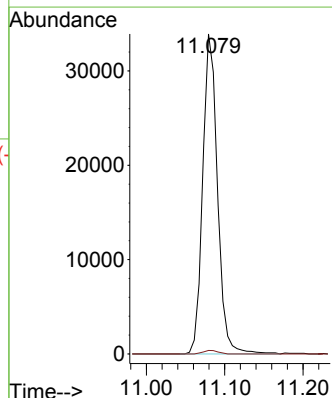
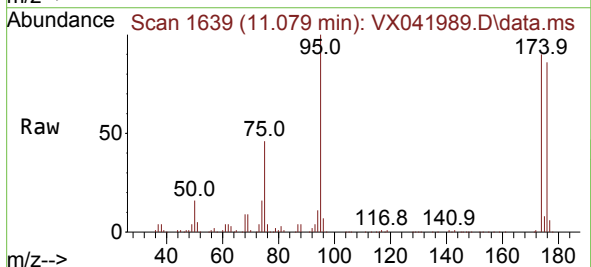
Acq: 21 Jun 2024 18:45

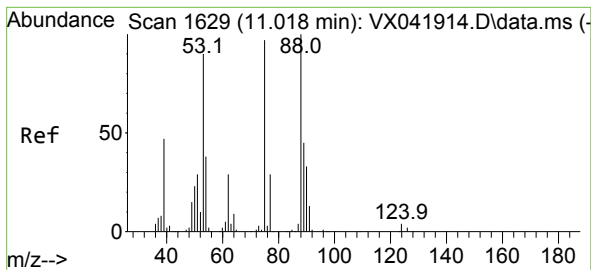
Tgt Ion: 75 Resp: 44407

Ion Ratio Lower Upper

75 100

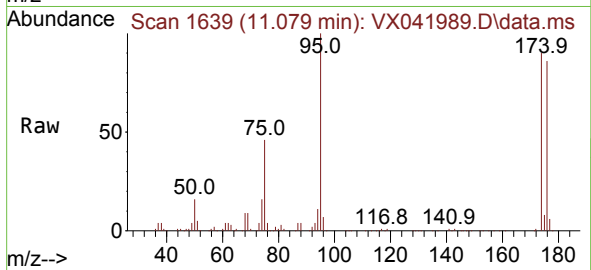
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.414 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041989.D
Acq: 21 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion: 75 Resp: 44407
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

