

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046440.D
 Acq On : 02 Jun 2025 13:14
 Operator : JC/MD
 Sample : Q2164-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 03 01:29:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

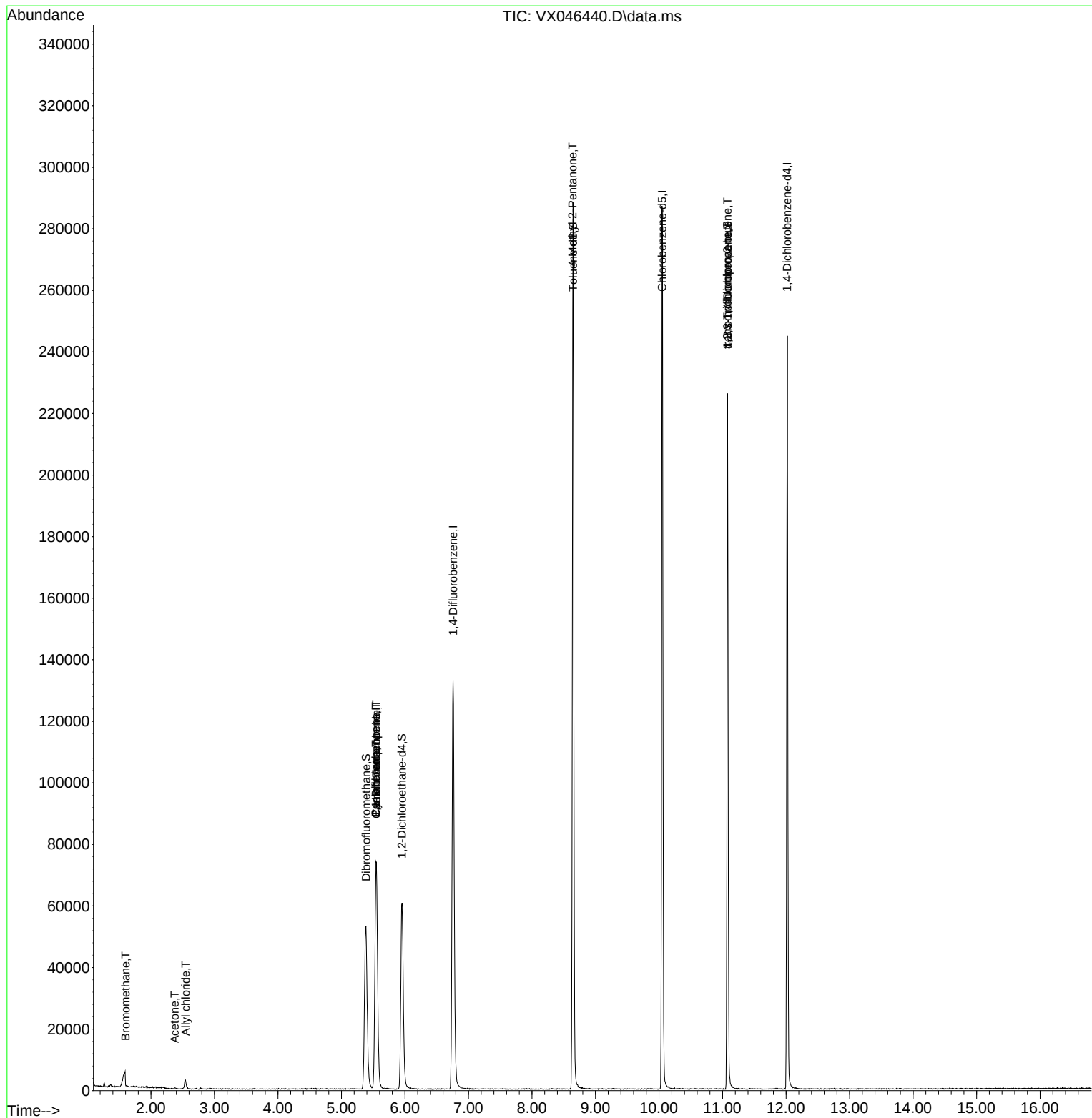
Internal Standards						
1) Pentafluorobenzene	5.544	168	63283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64234	54.445	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.880%	
35) Dibromofluoromethane	5.385	113	46588	51.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.760%	
50) Toluene-d8	8.647	98	160014	50.990	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.079	95	57314	47.613	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	126	0.311	ug/l #	4
14) Allyl chloride	2.544	41	358	0.250	ug/l #	54
16) Acetone	2.373	43	433	0.915	ug/l #	48
31) Cyclohexane	5.544	56	1882	1.339	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	6627	5.440	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7733	5.650	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	972	0.638	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33598	32.010	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33598	104.216	ug/l #	1

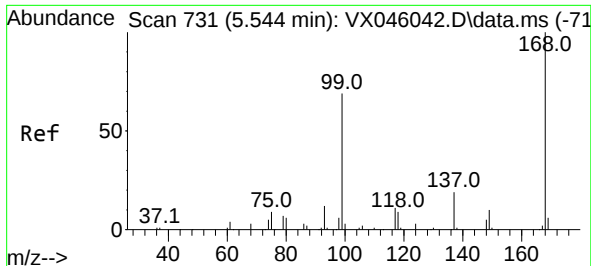
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

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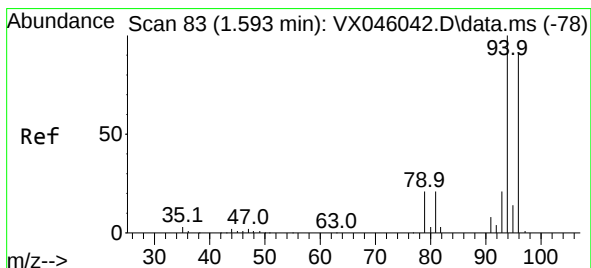
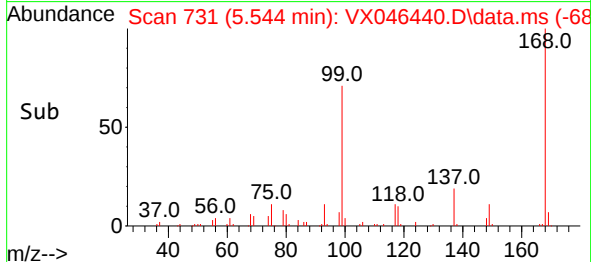
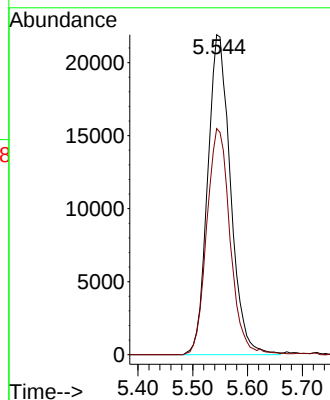
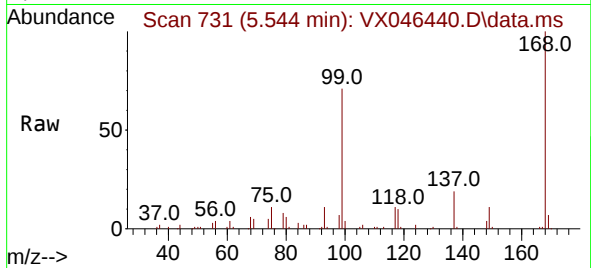




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

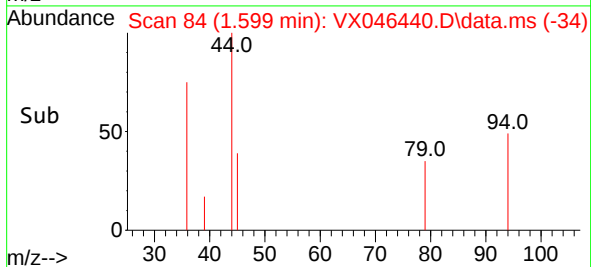
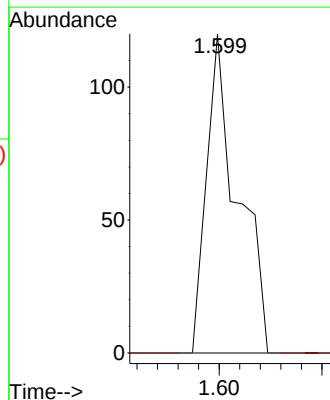
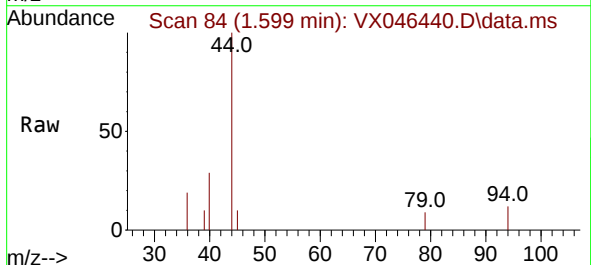
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

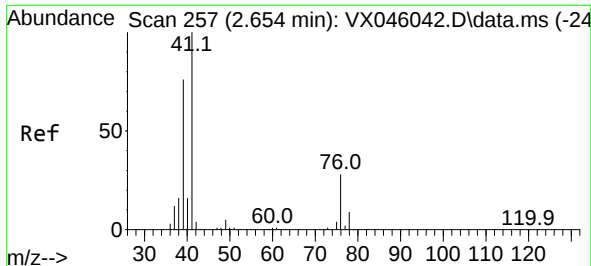
Tgt Ion:168 Resp: 63283
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3



#5
Bromomethane
Concen: 0.311 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion: 94 Resp: 126
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#

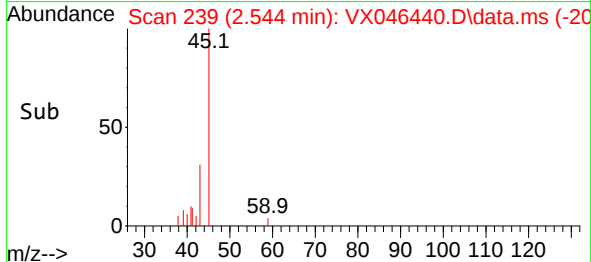
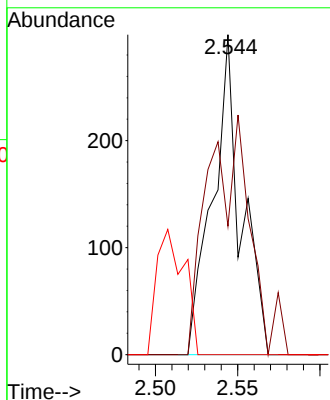
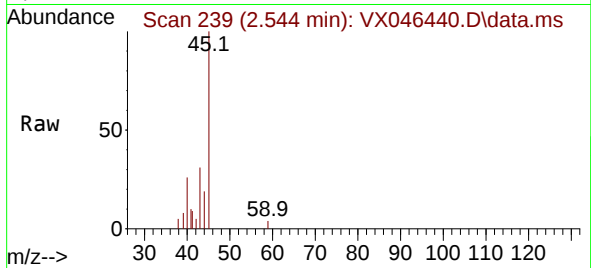




#14
 Allyl chloride
 Concen: 0.250 ug/l
 RT: 2.544 min Scan# 211
 Delta R.T. -0.110 min
 Lab File: VX046440.D
 Acq: 02 Jun 2025 13:14

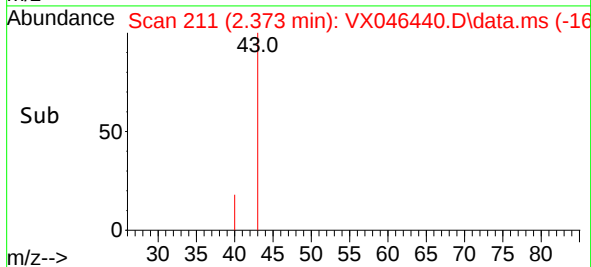
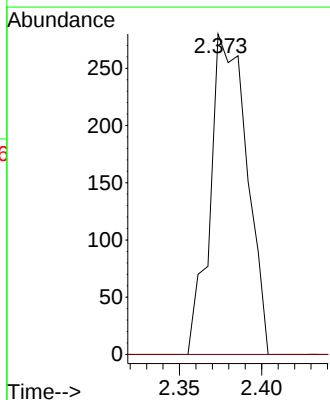
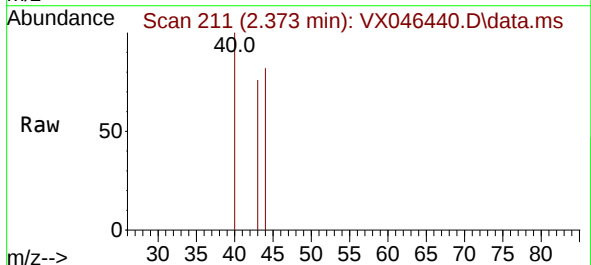
Instrument : MSVOA_X
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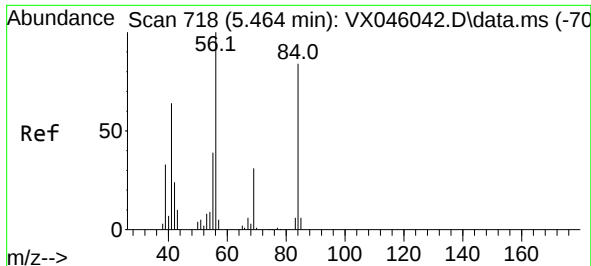
Tgt Ion: 41 Resp: 358
 Ion Ratio Lower Upper
 41 100
 39 111.7 60.6 90.8#
 76 0.0 24.9 37.3#



#16
 Acetone
 Concen: 0.915 ug/l
 RT: 2.373 min Scan# 211
 Delta R.T. -0.012 min
 Lab File: VX046440.D
 Acq: 02 Jun 2025 13:14

Tgt Ion: 43 Resp: 433
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.2 31.8#

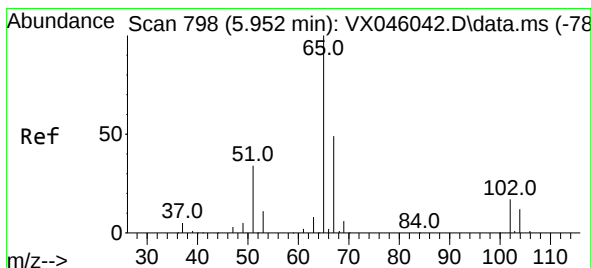
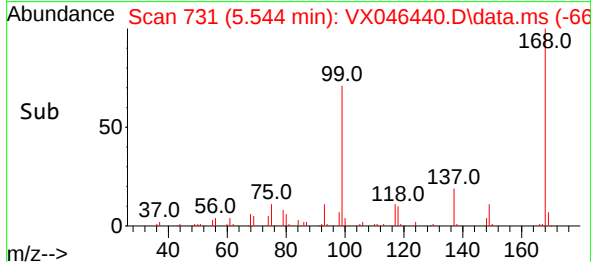
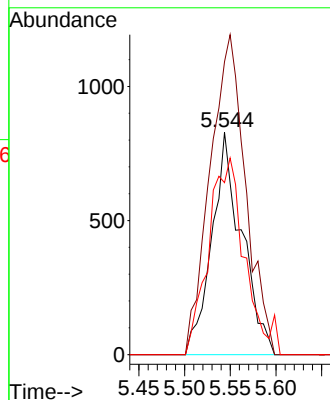
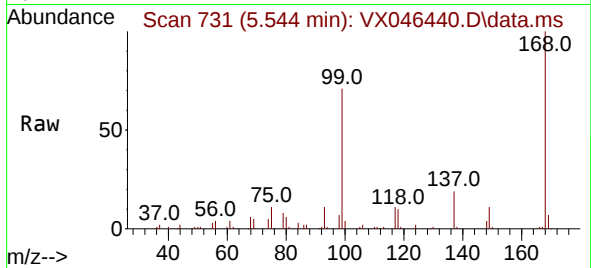




#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

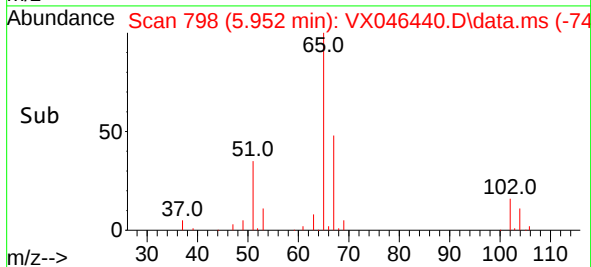
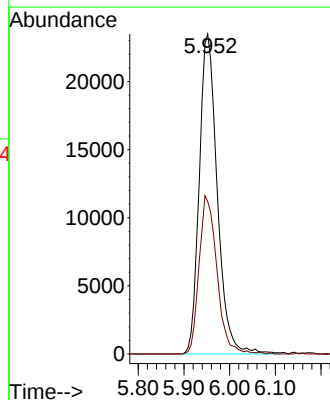
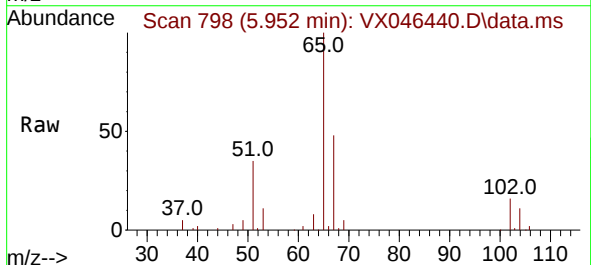
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 56 Resp: 1882
Ion Ratio Lower Upper
56 100
69 131.7 24.4 36.6#
84 77.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 54.445 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion: 65 Resp: 64234
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

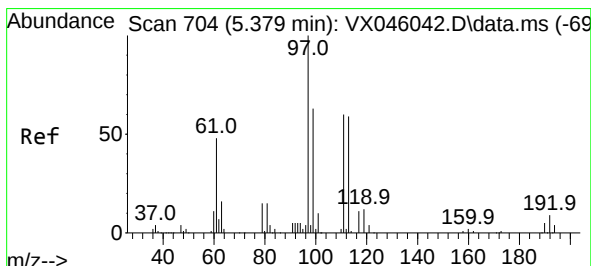
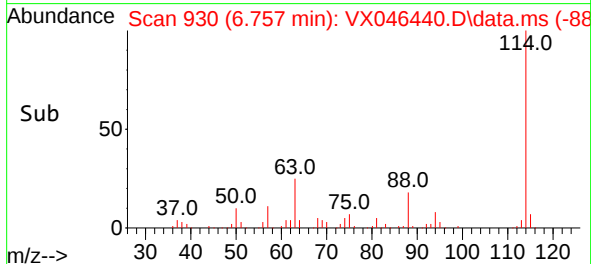
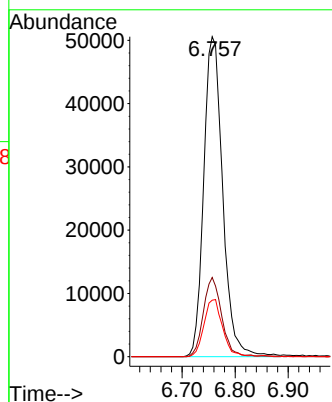
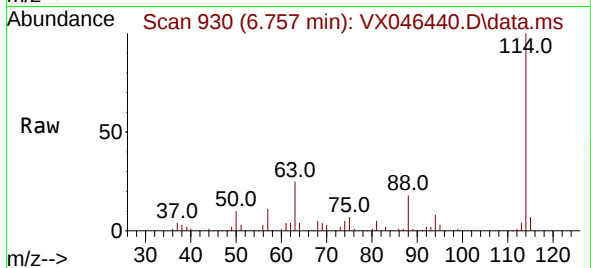




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

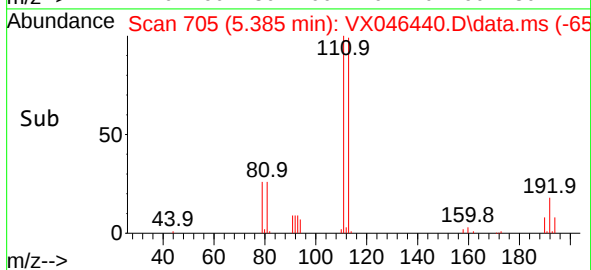
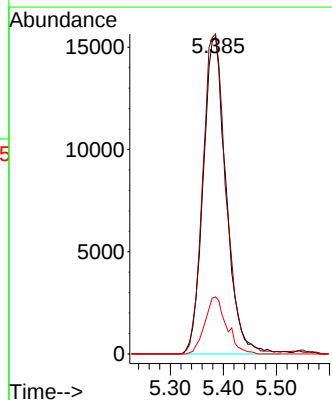
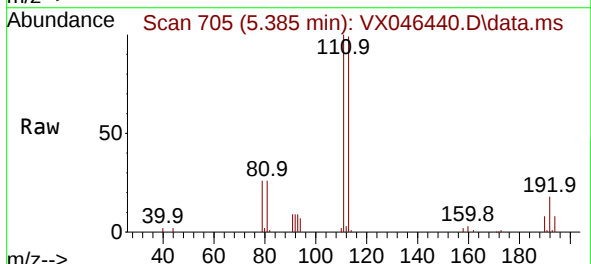
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

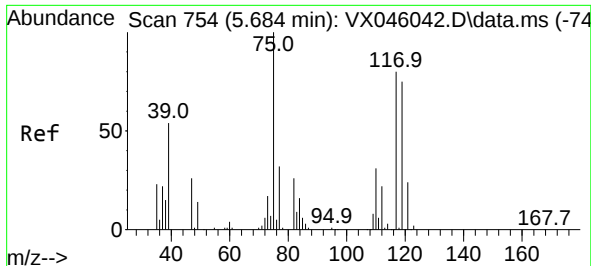
Tgt Ion:114	Resp:	125909
Ion	Ratio	Lower Upper
114	100	
63	24.7	0.0 49.2
88	17.6	0.0 33.6



#35
Dibromofluoromethane
Concen: 51.383 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion:113	Resp:	46588
Ion	Ratio	Lower Upper
113	100	
111	102.5	83.1 124.7
192	17.1	13.3 19.9

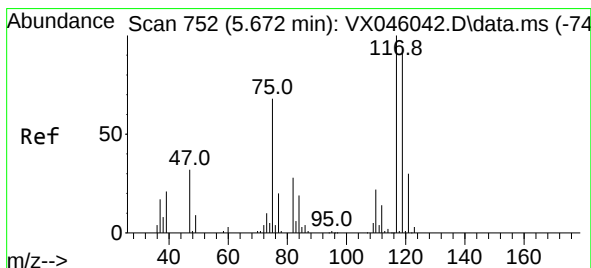
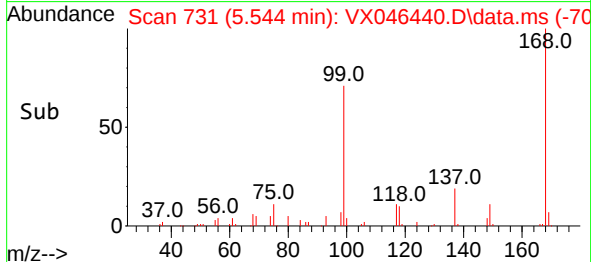
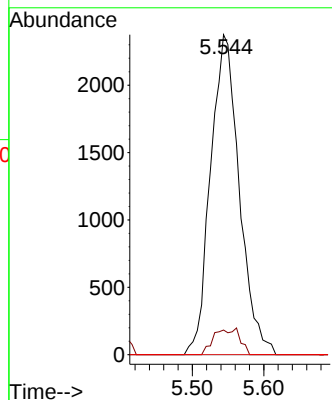
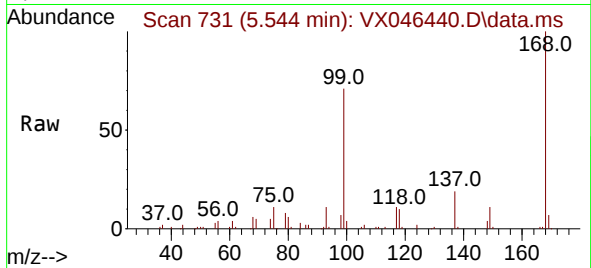




#36
1,1-Dichloropropene
Concen: 5.440 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

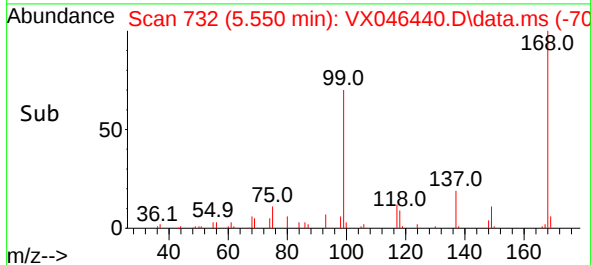
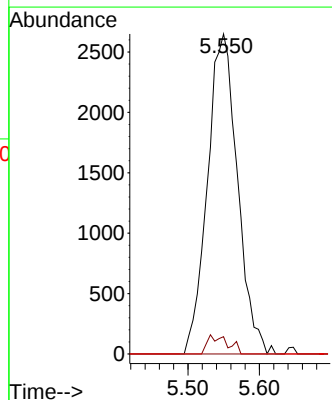
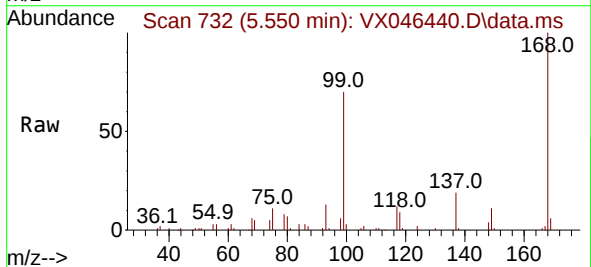
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

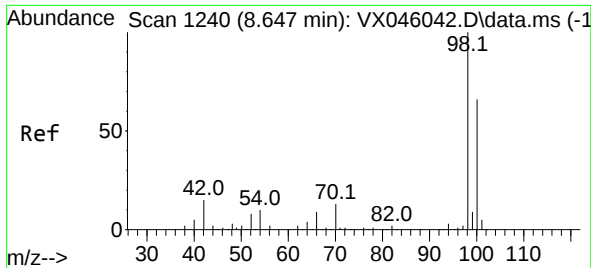
Tgt Ion: 75 Resp: 6627
Ion Ratio Lower Upper
75 100
110 7.4 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion: 117 Resp: 7733
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 24.2 36.4#

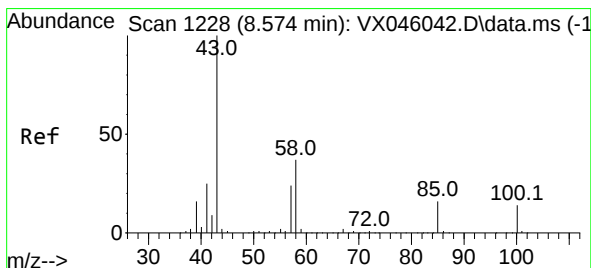
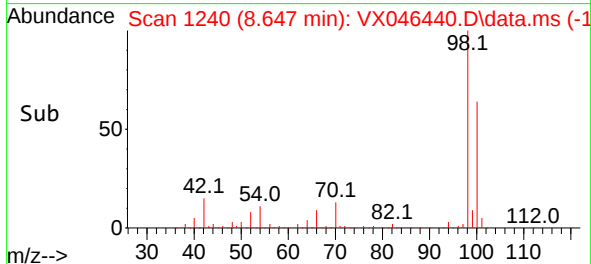
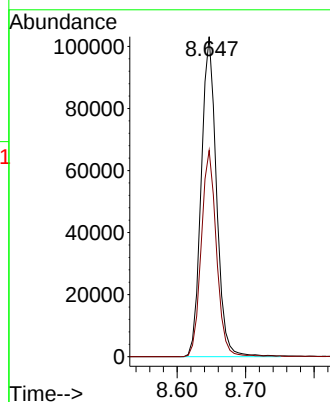
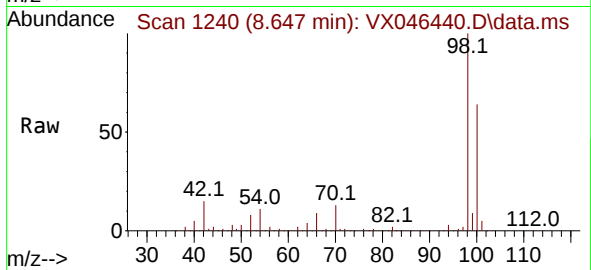




#50
Toluene-d8
Concen: 50.990 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

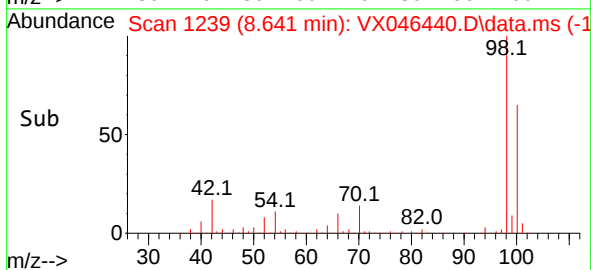
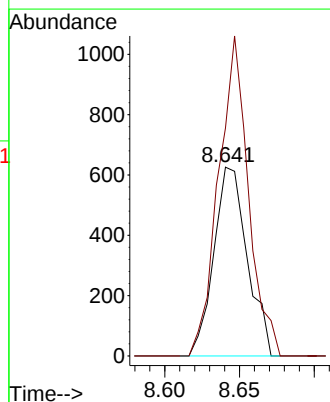
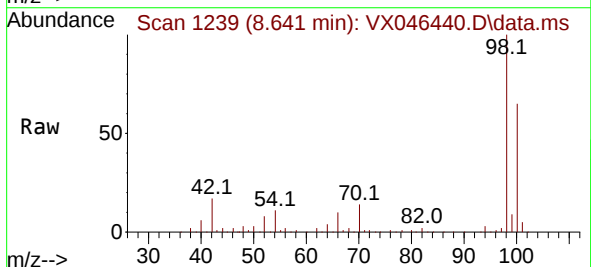
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Tgt Ion: 98 Resp: 160014
Ion Ratio Lower Upper
98 100
100 64.4 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.638 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 151.7 28.9 43.3#

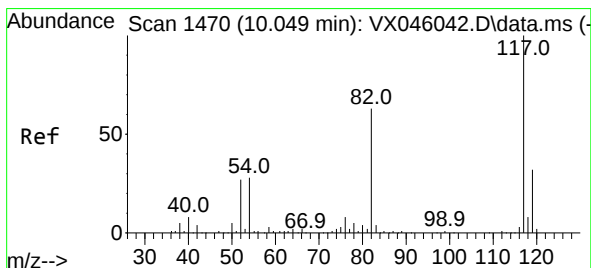
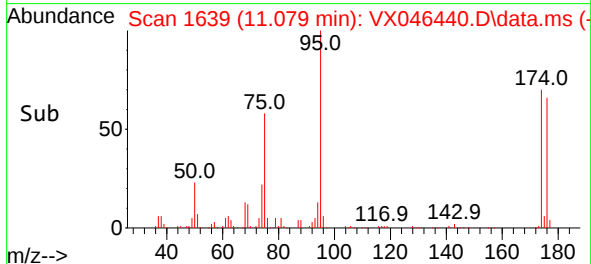
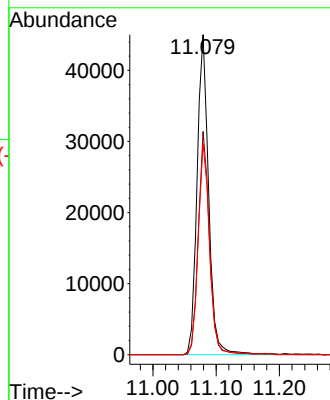
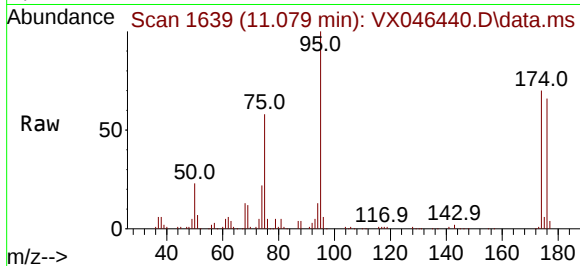




#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

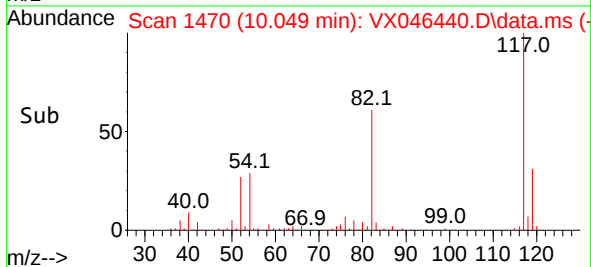
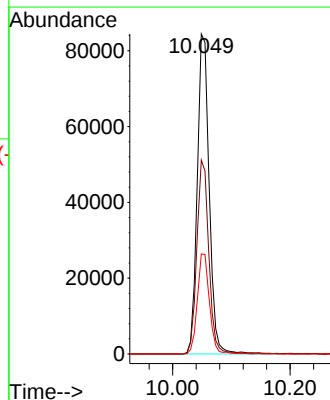
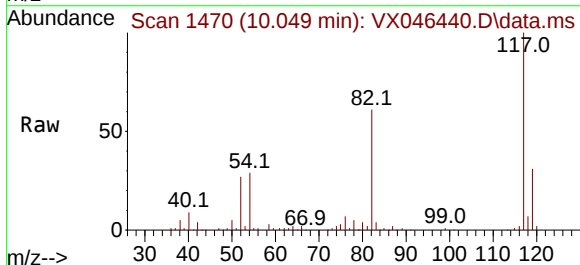
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

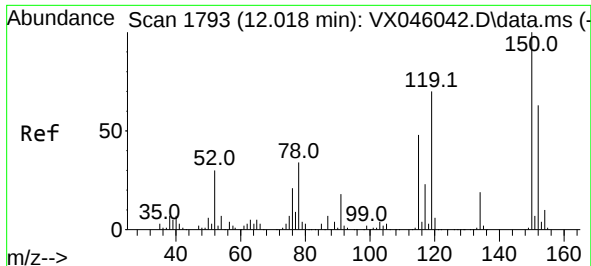
Tgt Ion: 95 Resp: 57314
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion: 117 Resp: 119085
Ion Ratio Lower Upper
117 100
82 60.6 50.6 76.0
119 31.2 25.8 38.6

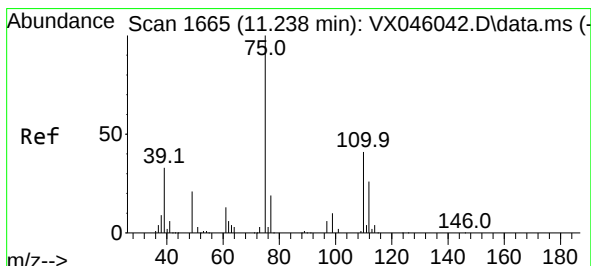
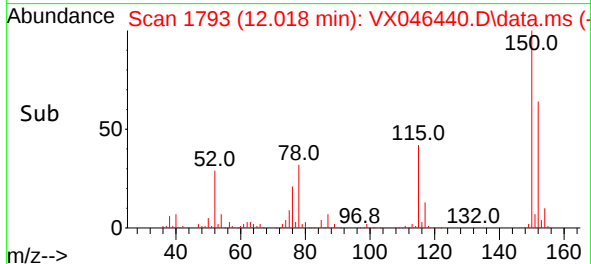
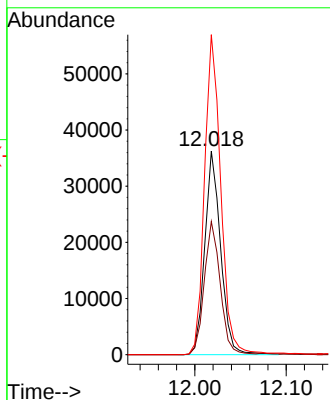
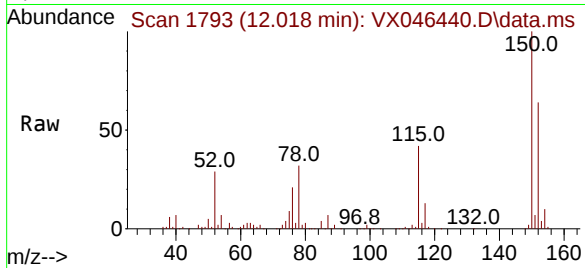




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046440.D
 Acq: 02 Jun 2025 13:14

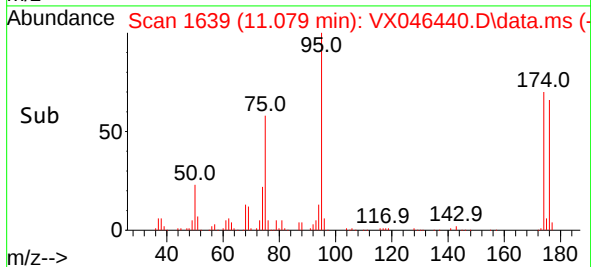
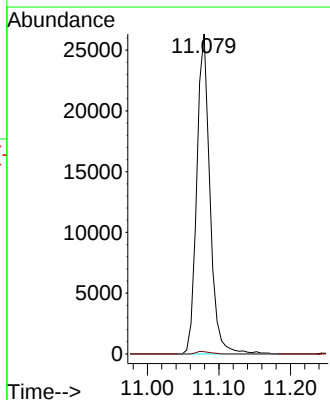
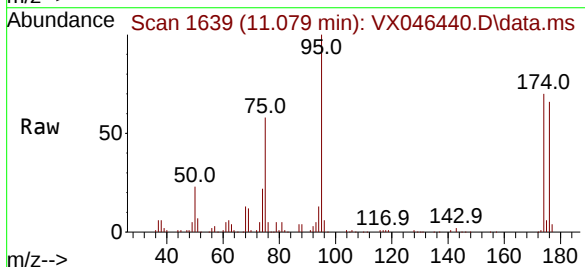
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

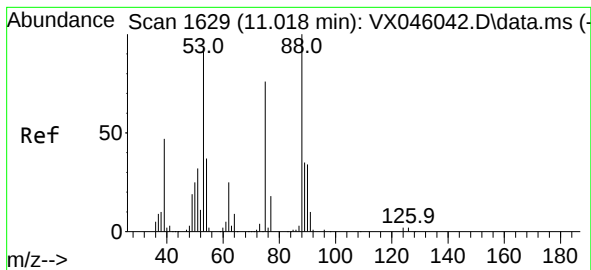
Tgt Ion:152 Resp: 43605
 Ion Ratio Lower Upper
 152 100
 115 65.6 46.9 140.7
 150 161.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 32.010 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046440.D
 Acq: 02 Jun 2025 13:14

Tgt Ion: 75 Resp: 33598
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.216 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 33598
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

