

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046205.D
 Acq On : 15 May 2025 11:48
 Operator : JC/MD
 Sample : Q2031-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 16 01:02:56 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)

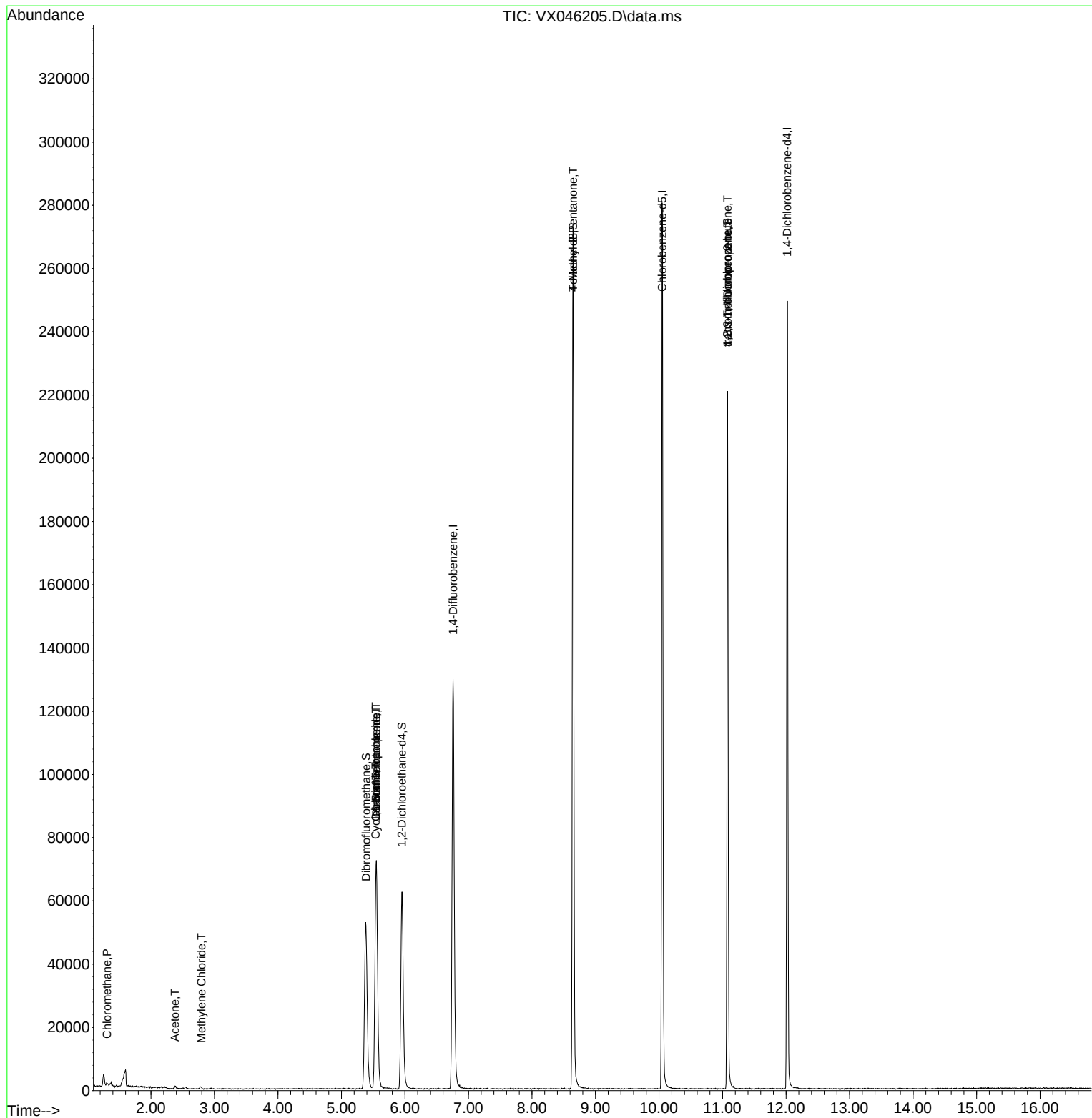
Internal Standards						
1) Pentafluorobenzene	5.550	168	61806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63428	55.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.100%			
35) Dibromofluoromethane	5.385	113	46094	51.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	8.647	98	156433	50.680	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.079	95	58410	49.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.660%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	836	0.911	ug/l	98
16) Acetone	2.380	43	1088	2.355	ug/l	97
20) Methylene Chloride	2.794	84	354	0.400	ug/l #	62
31) Cyclohexane	5.538	56	1816	1.322	ug/l #	50
36) 1,1-Dichloropropene	5.544	75	6255	5.220	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7280	5.407	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	819	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33351	29.591	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33351	96.338	ug/l #	1

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

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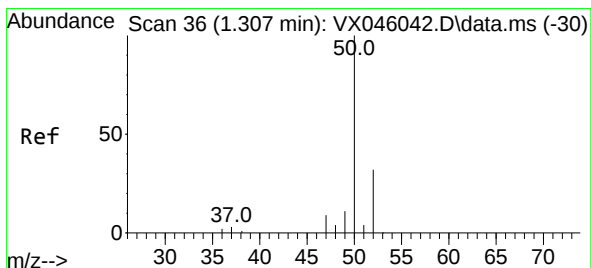
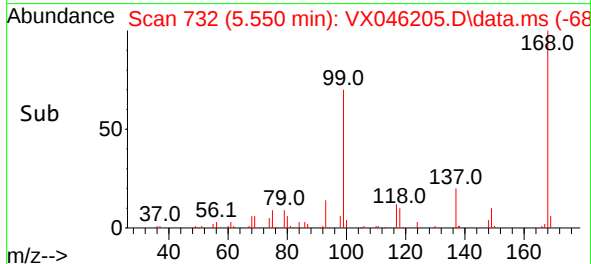
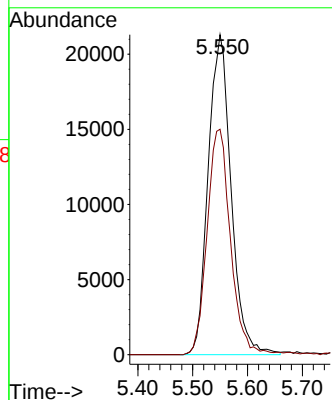
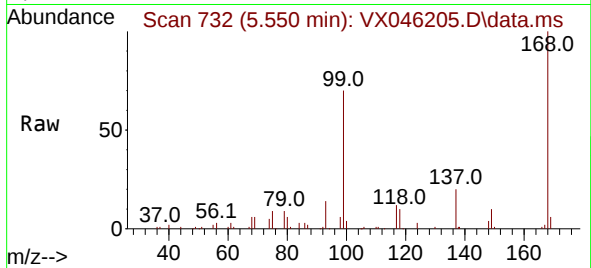




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

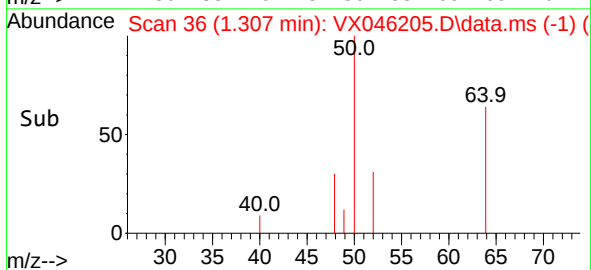
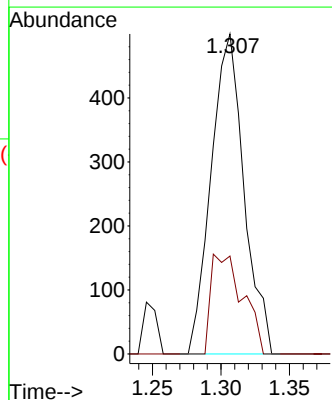
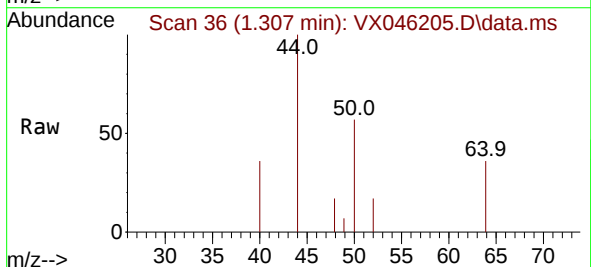
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 61806
Ion Ratio Lower Upper
168 100
99 70.4 54.9 82.3



#3
Chloromethane
Concen: 0.911 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion: 50 Resp: 836
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.2

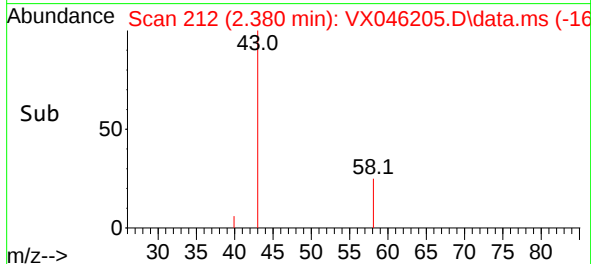
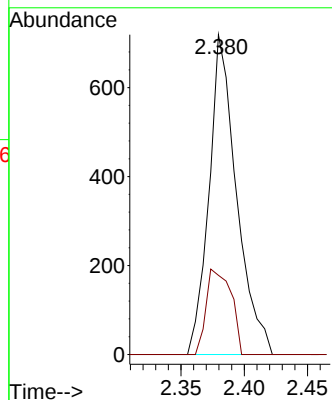
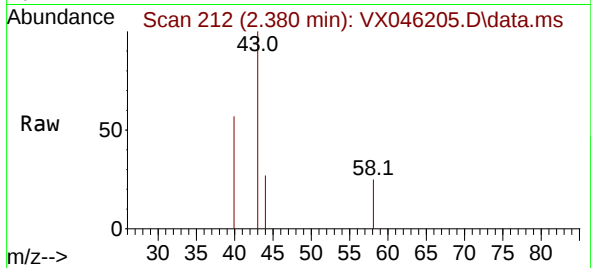




#16
Acetone
Concen: 2.355 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

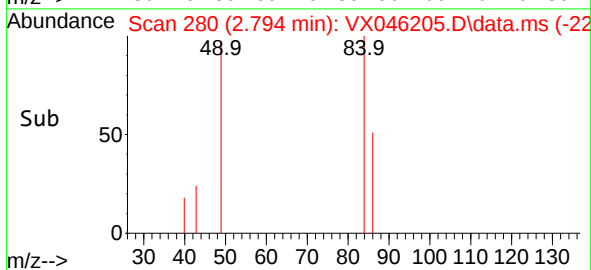
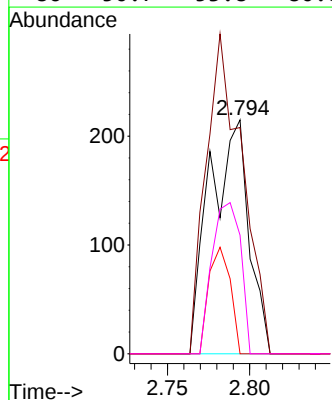
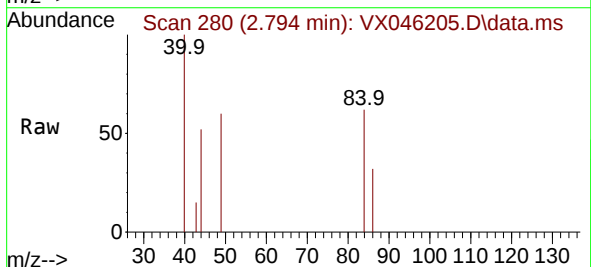
Instrument :
MSVOA_X
ClientSampleId :
TB

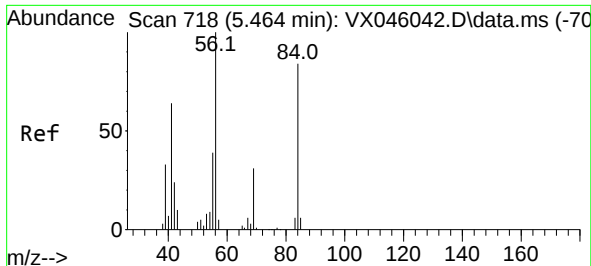
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 24.8 21.2 31.8



#20
Methylene Chloride
Concen: 0.400 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion: 84 Resp: 354
Ion Ratio Lower Upper
84 100
49 96.7 113.9 170.9#
51 0.0 33.5 50.3#
86 50.7 53.8 80.8#

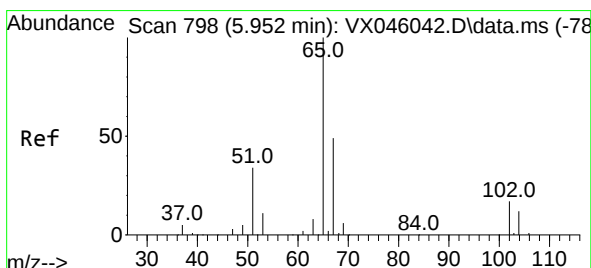
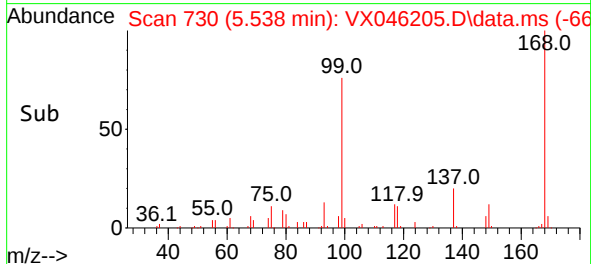
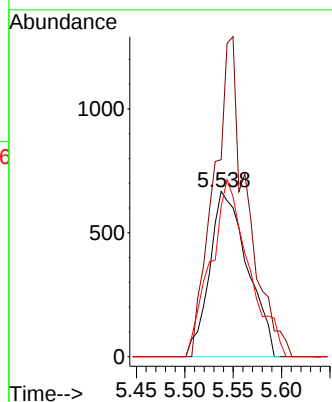
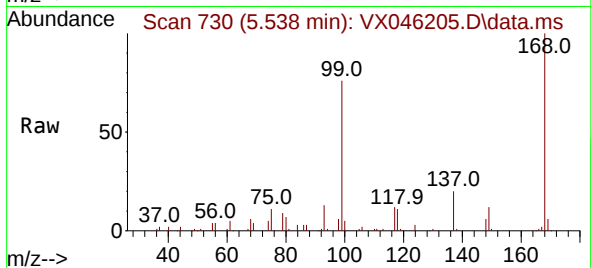




#31
Cyclohexane
Concen: 1.322 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

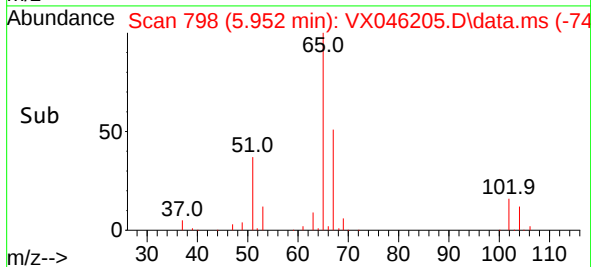
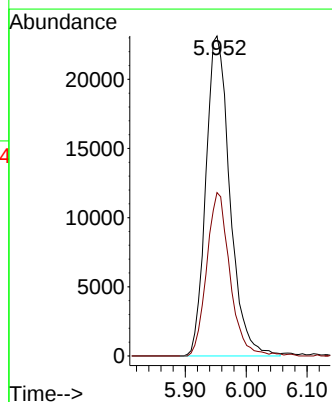
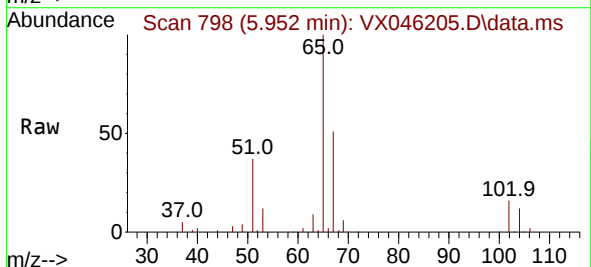
Instrument :
MSVOA_X
ClientSampleId :
TB

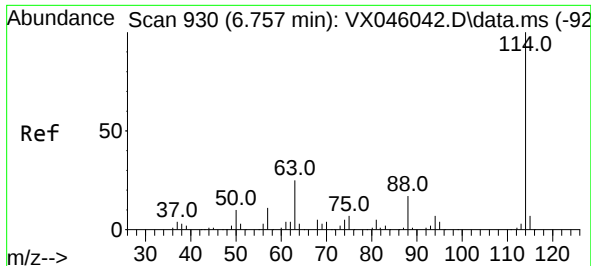
Tgt Ion: 56 Resp: 1816
Ion Ratio Lower Upper
56 100
69 119.2 24.4 36.6#
84 91.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 55.047 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion: 65 Resp: 63428
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

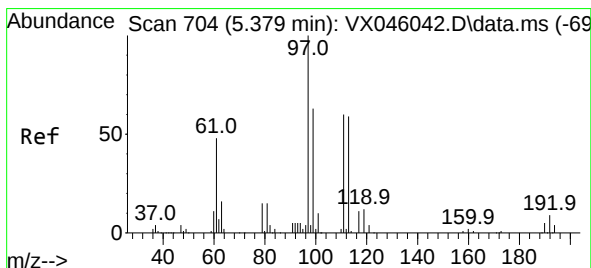
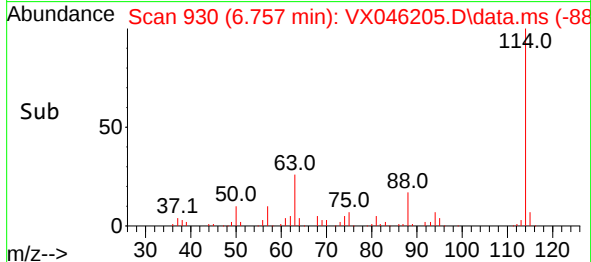
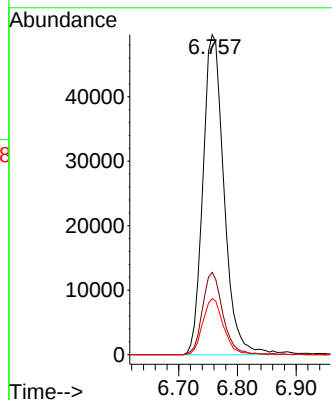
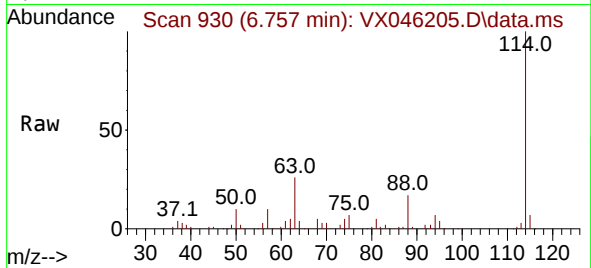




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

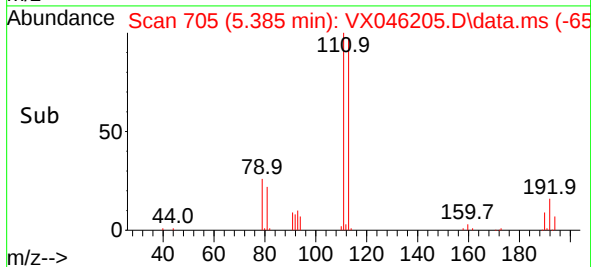
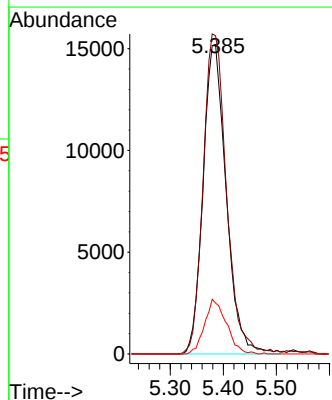
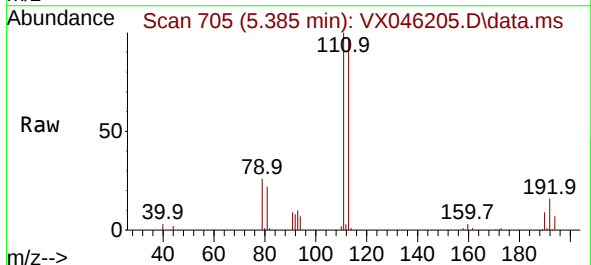
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MSVOA_X
ClientSampleId :
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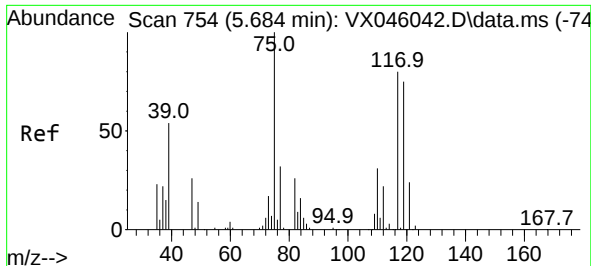
Tgt Ion:114 Resp: 123845
Ion Ratio Lower Upper
114 100
63 25.7 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.686 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion:113 Resp: 46094
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 16.6 13.3 19.9

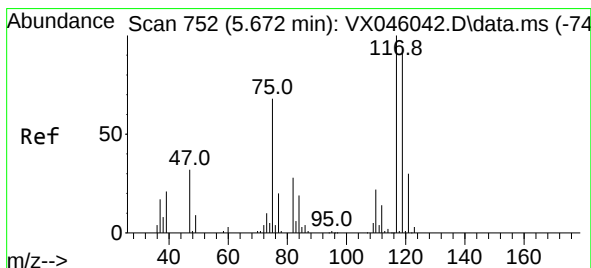
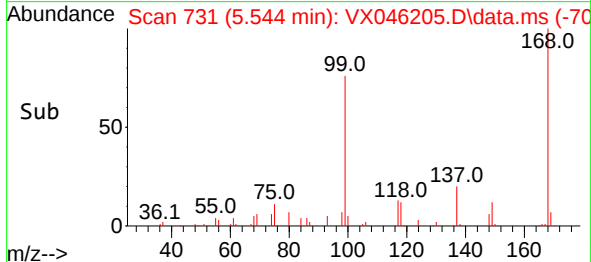
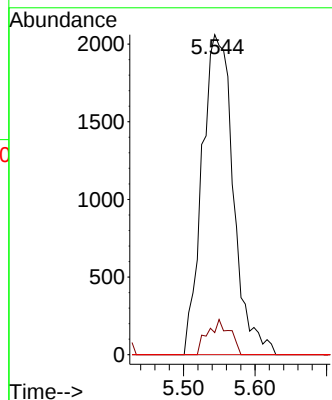
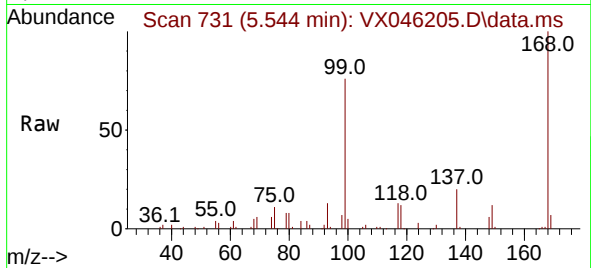




#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

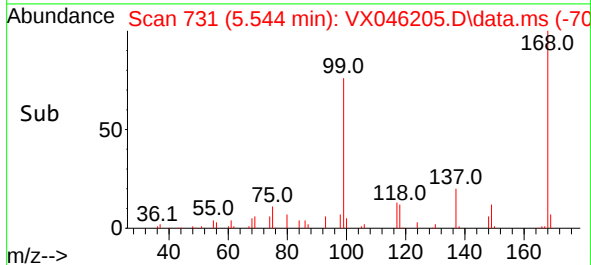
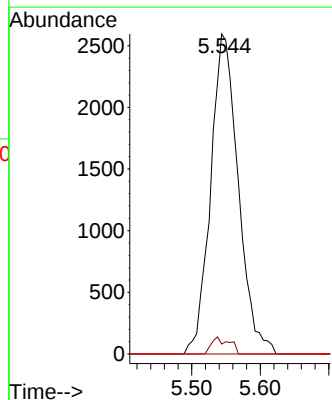
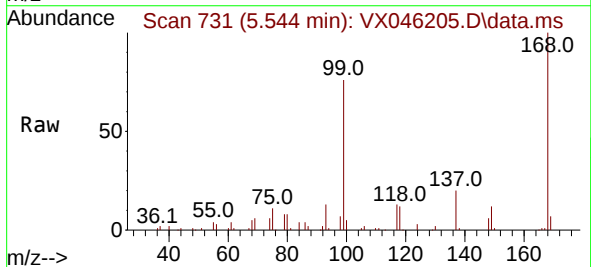
Instrument :
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ClientSampleId :
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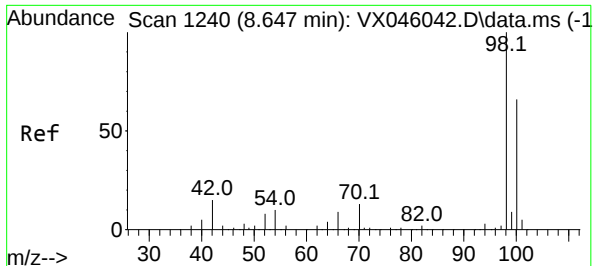
Tgt Ion: 75 Resp: 6255
Ion Ratio Lower Upper
75 100
110 7.7 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion: 117 Resp: 7280
Ion Ratio Lower Upper
117 100
119 3.1 75.2 112.8#
121 0.0 24.2 36.4#

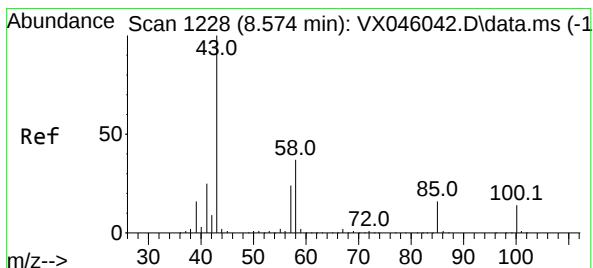
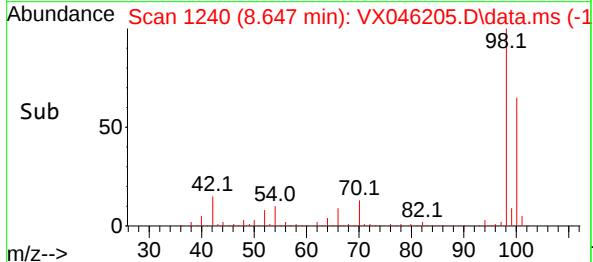
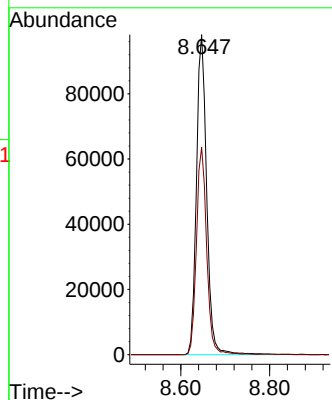
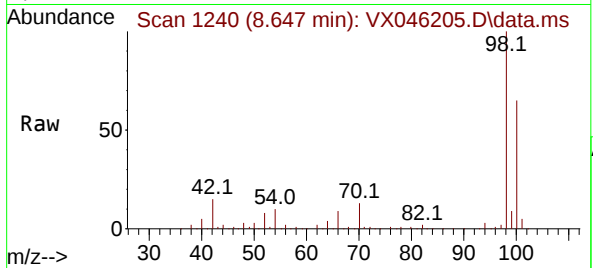




#50
Toluene-d8
Concen: 50.680 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

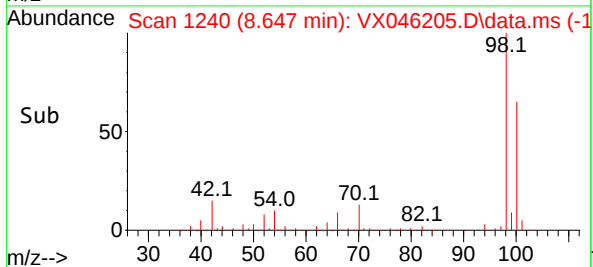
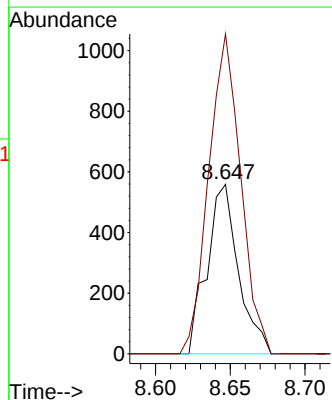
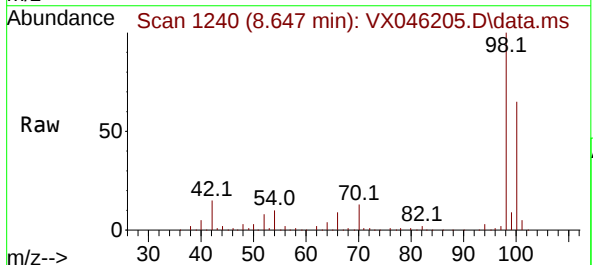
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 98 Resp: 156433
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
58 191.9 28.9 43.3#

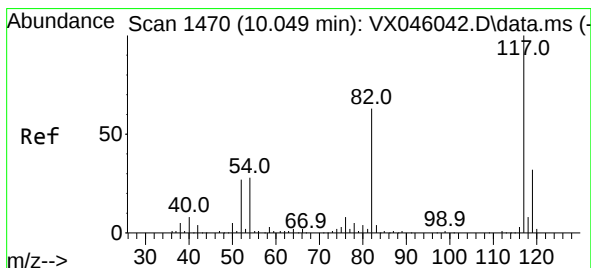
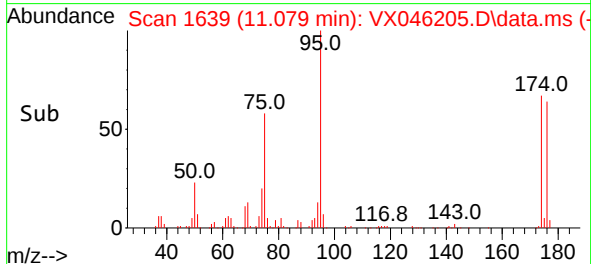
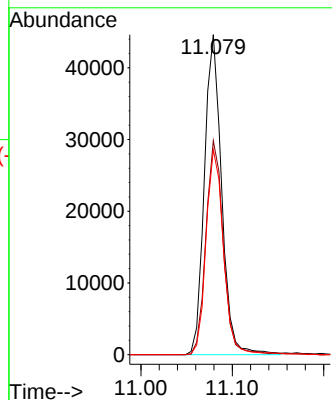
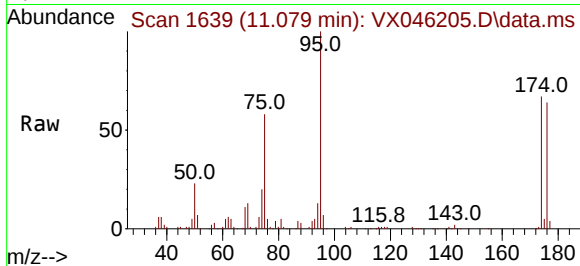




#62
4-Bromofluorobenzene
Concen: 49.332 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

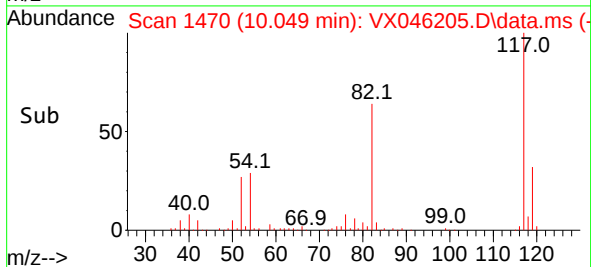
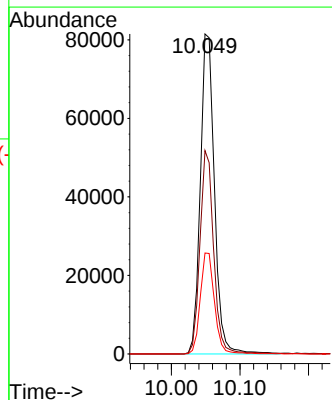
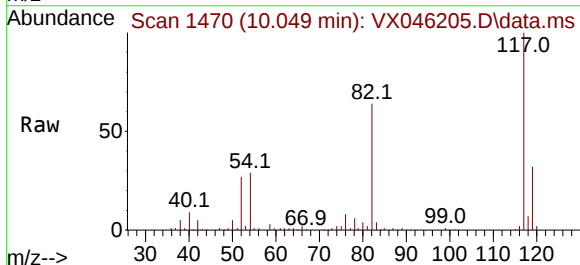
Instrument :
MSVOA_X
ClientSampleId :
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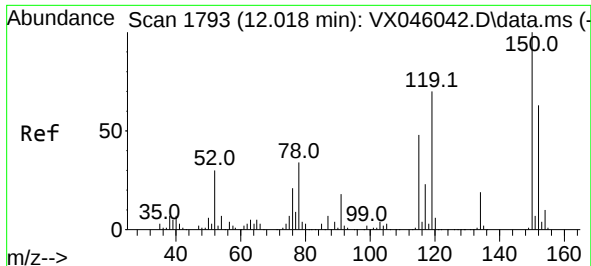
Tgt Ion: 95 Resp: 58410
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion: 117 Resp: 117264
Ion Ratio Lower Upper
117 100
82 63.6 50.6 76.0
119 31.6 25.8 38.6

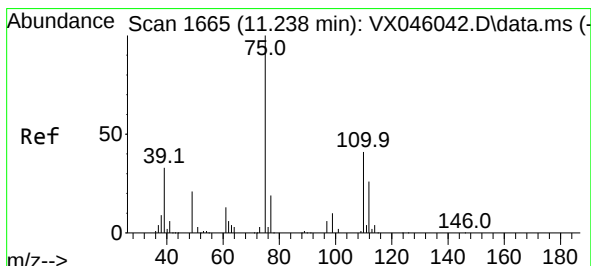
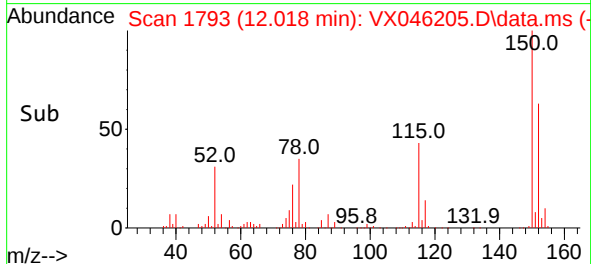
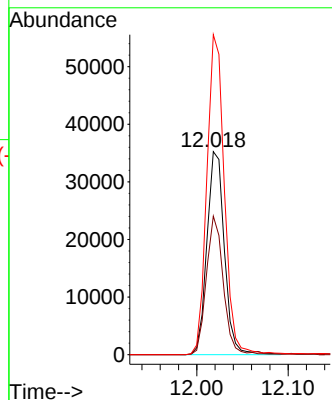
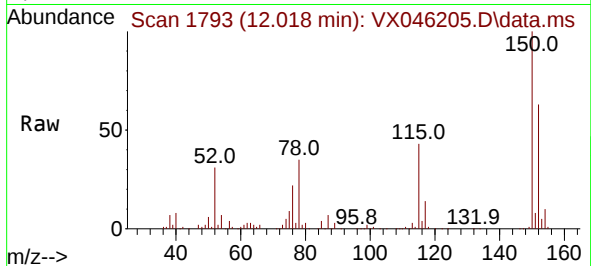




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX046205.D
 Acq: 15 May 2025 11:48

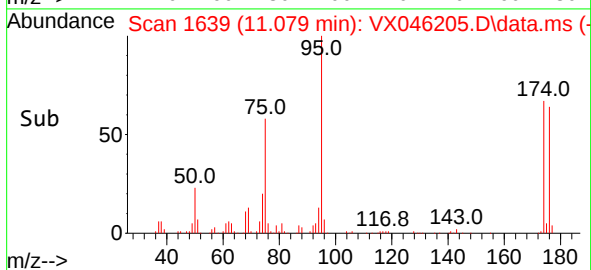
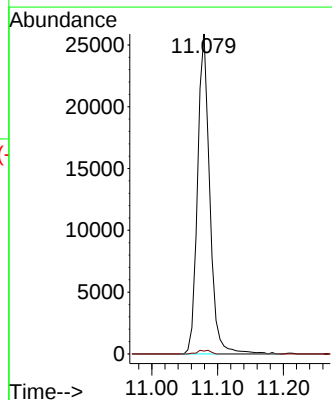
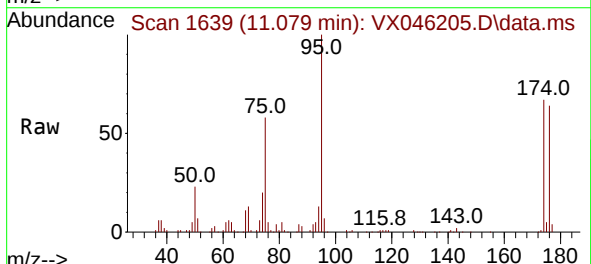
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

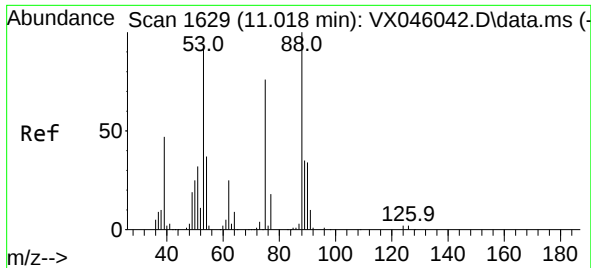
Tgt Ion:152 Resp: 46824
 Ion Ratio Lower Upper
 152 100
 115 66.0 46.9 140.7
 150 157.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.591 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046205.D
 Acq: 15 May 2025 11:48

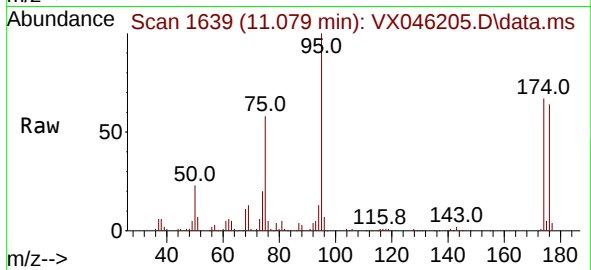
Tgt Ion: 75 Resp: 33351
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.338 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Instrument :
MSVOA_X
ClientSampleId :
TB



Tgt Ion: 75 Resp: 33351
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

