

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046349.D
 Acq On : 23 May 2025 16:49
 Operator : JC/MD
 Sample : Q2114-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: May 23 23:04:45 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)

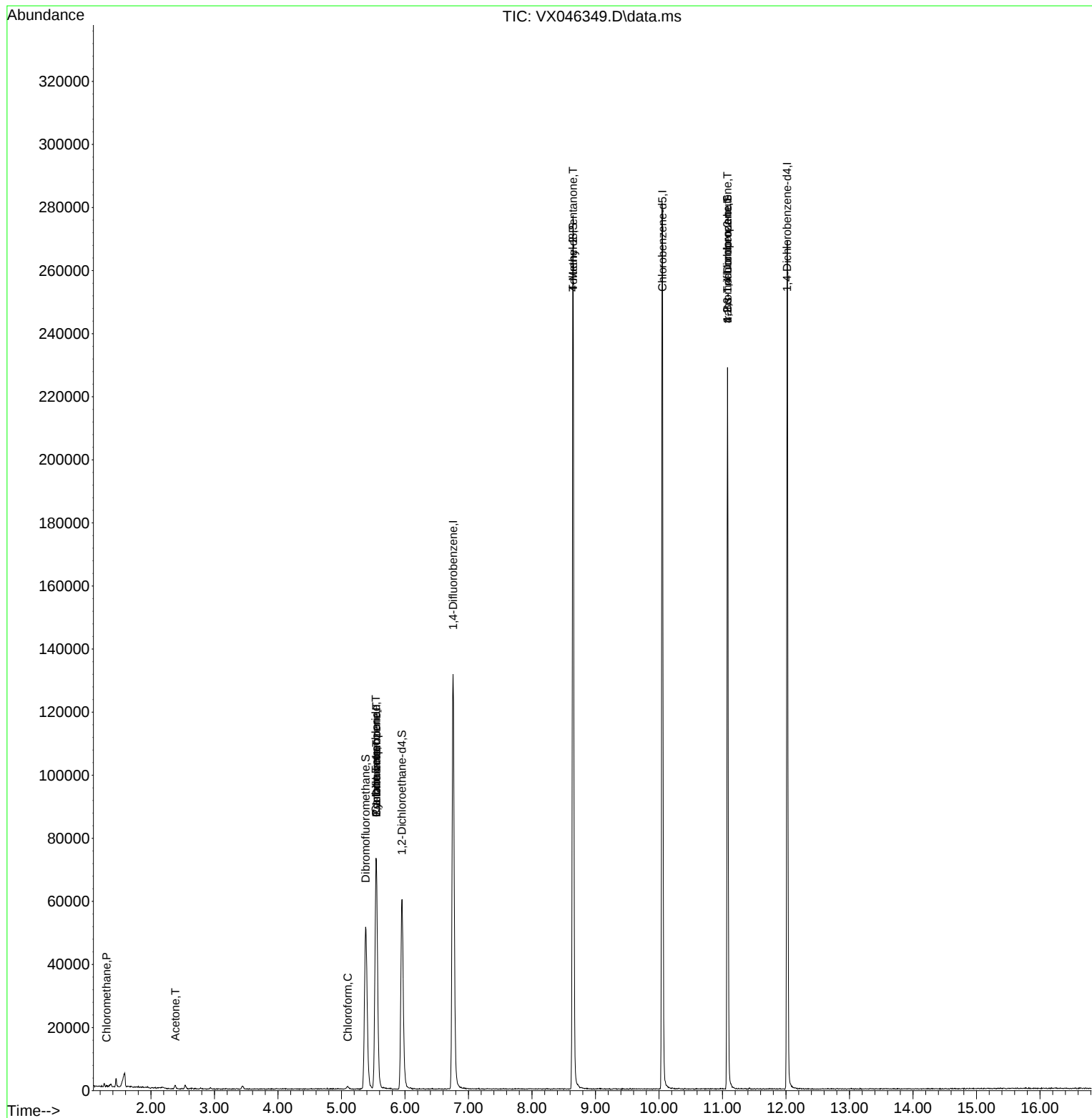
Internal Standards						
1) Pentafluorobenzene	5.550	168	61866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62190	53.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.840%	
35) Dibromofluoromethane	5.379	113	45440	51.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.380%	
50) Toluene-d8	8.647	98	155329	50.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	11.079	95	59792	50.732	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	354	0.386	ug/l	99
16) Acetone	2.386	43	1351	2.921	ug/l	98
30) Chloroform	5.099	83	987	0.628	ug/l	92
31) Cyclohexane	5.550	56	2010	1.462	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	6039	5.063	ug/l #	48
38) Carbon Tetrachloride	5.544	117	7157	5.340	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	888	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34914	29.244	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34914	95.208	ug/l #	1

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

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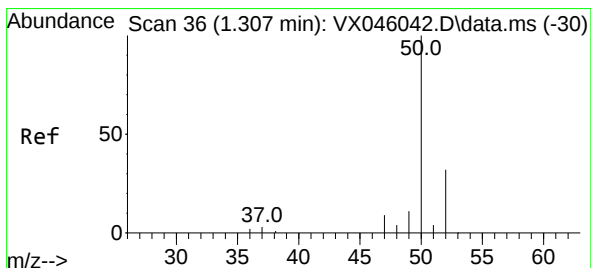
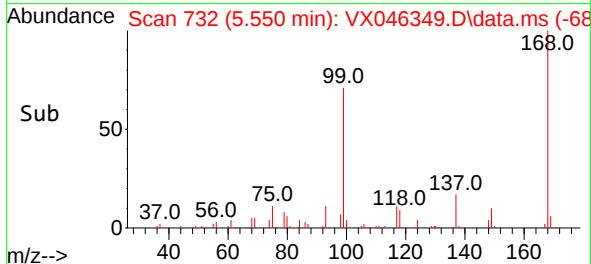
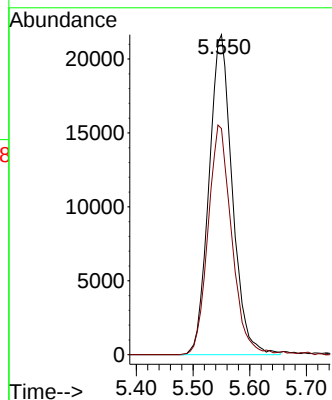
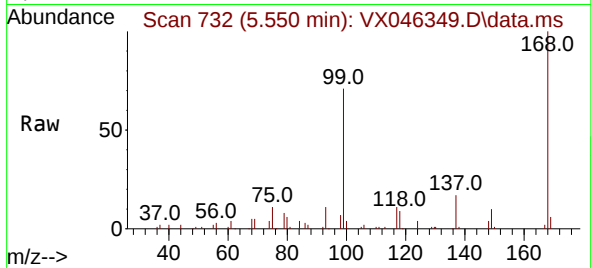




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

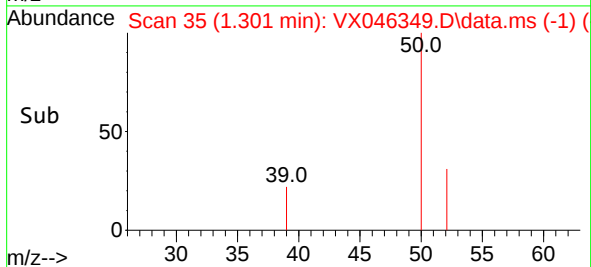
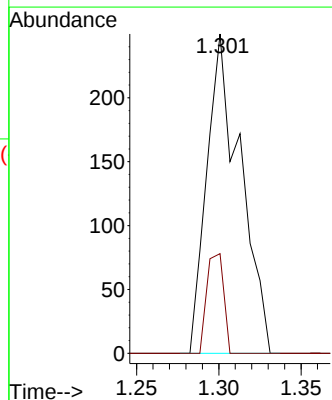
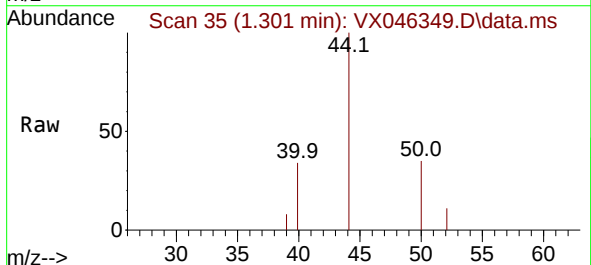
Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:168 Resp: 61866
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3



#3
Chloromethane
Concen: 0.386 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 50 Resp: 354
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2

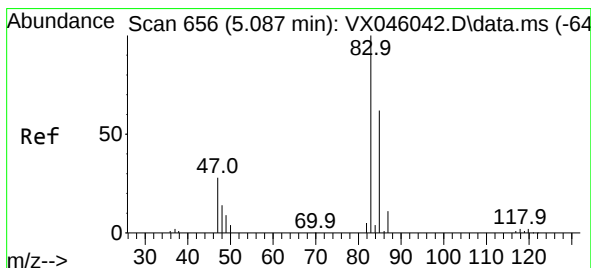
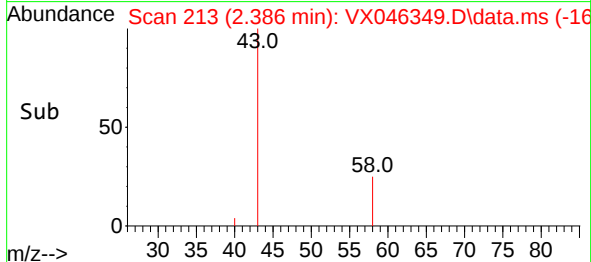
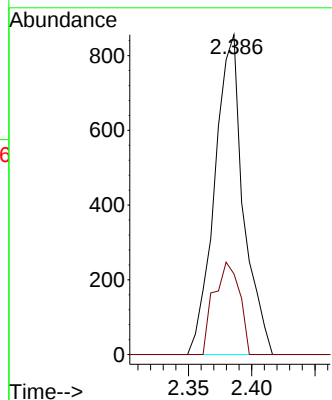
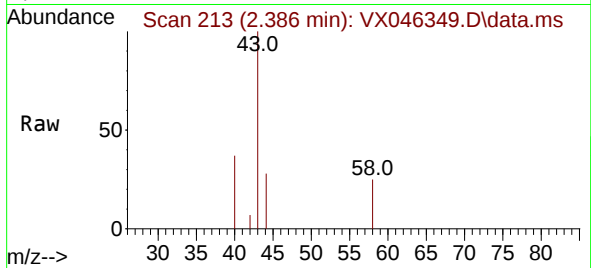




#16
Acetone
Concen: 2.921 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

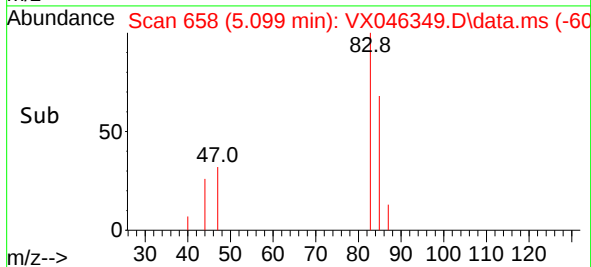
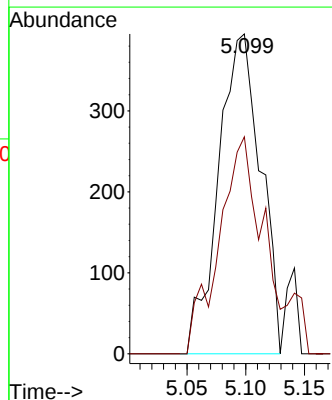
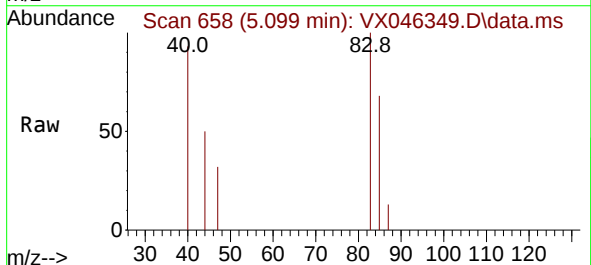
Instrument :
MSVOA_X
ClientSampleId :
FB

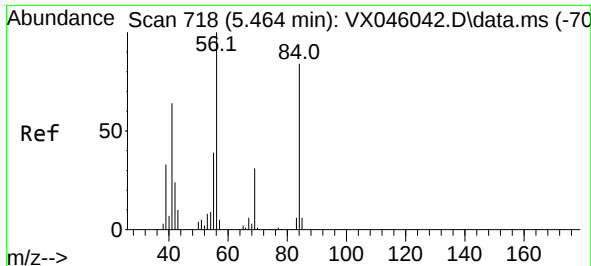
Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 25.2 21.2 31.8



#30
Chloroform
Concen: 0.628 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 83 Resp: 987
Ion Ratio Lower Upper
83 100
85 67.8 49.3 73.9

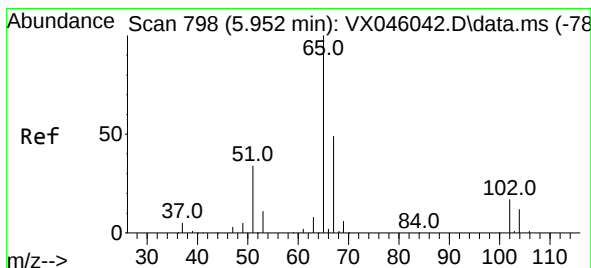
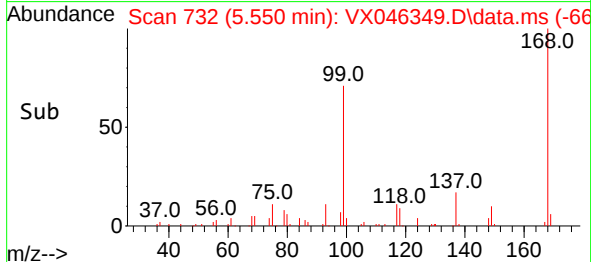
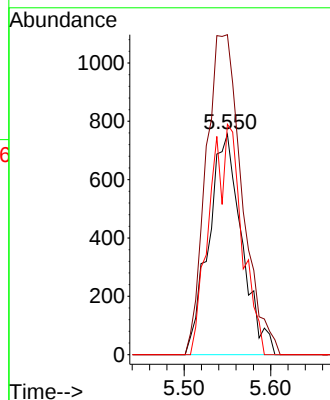
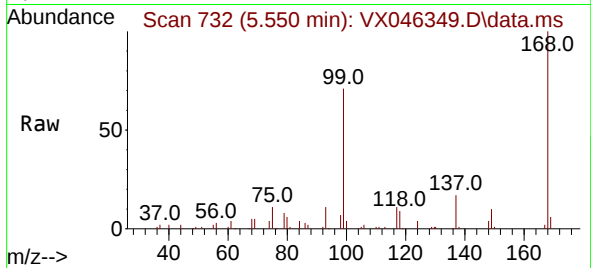




#31
Cyclohexane
Concen: 1.462 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

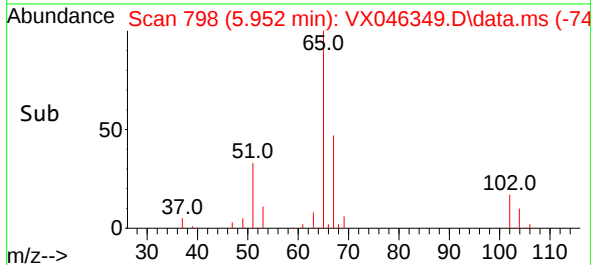
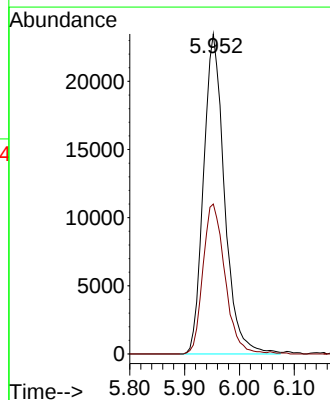
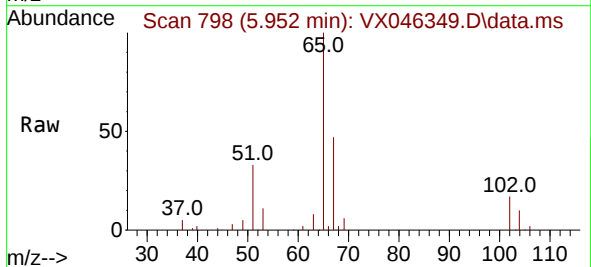
Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion: 56 Resp: 2010
Ion Ratio Lower Upper
56 100
69 145.1 24.4 36.6#
84 104.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.920 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 65 Resp: 62190
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

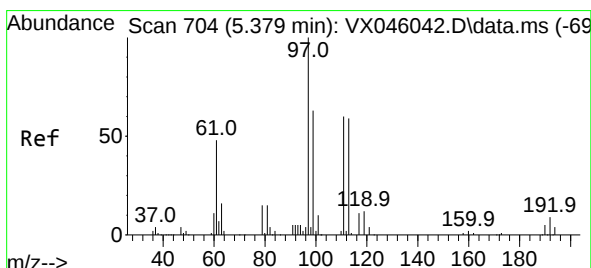
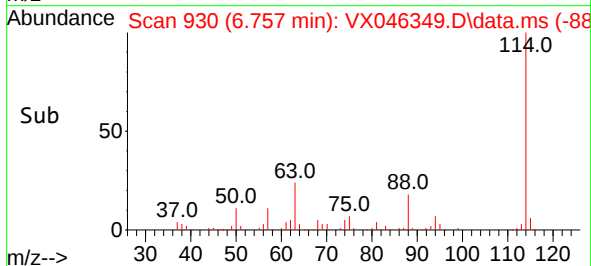
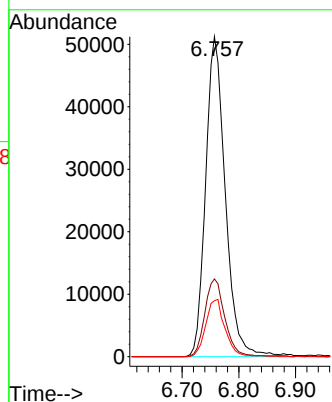
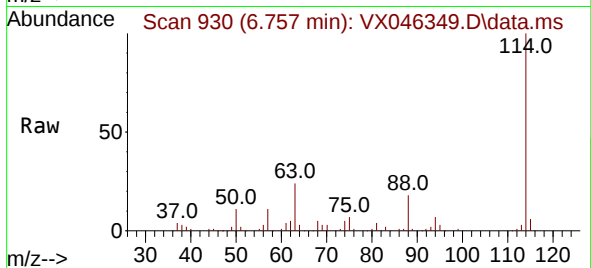




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX046349.D
 Acq: 23 May 2025 16:49

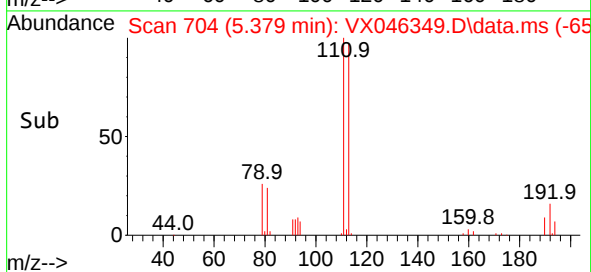
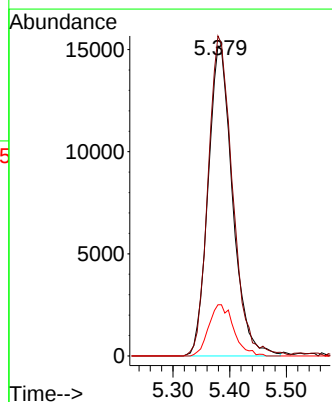
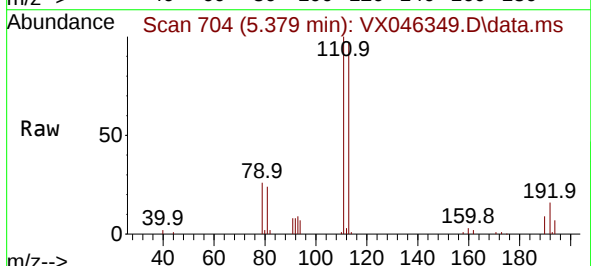
Instrument :
 MSVOA_X
 ClientSampleId :
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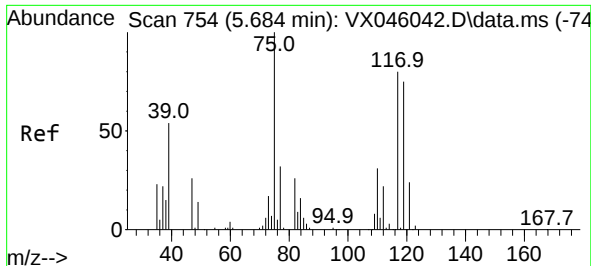
Tgt Ion:	114	Resp:	123278
Ion Ratio	Lower	Upper	
114	100		
63	24.3	0.0	49.2
88	17.5	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 51.187 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX046349.D
 Acq: 23 May 2025 16:49

Tgt Ion:	113	Resp:	45440
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.1	124.7
192	16.9	13.3	19.9

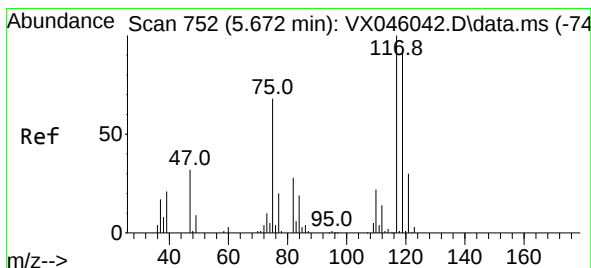
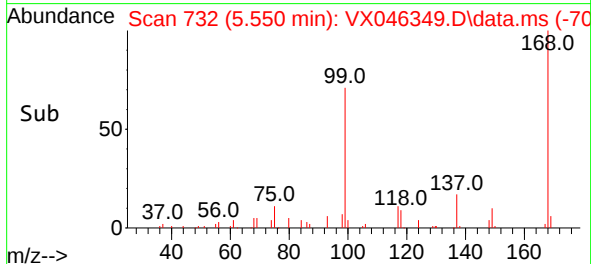
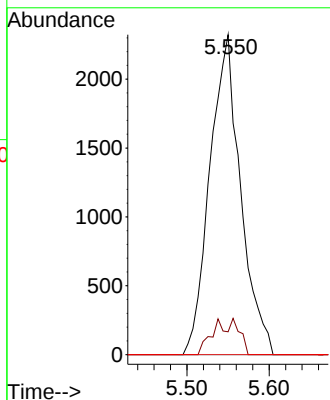
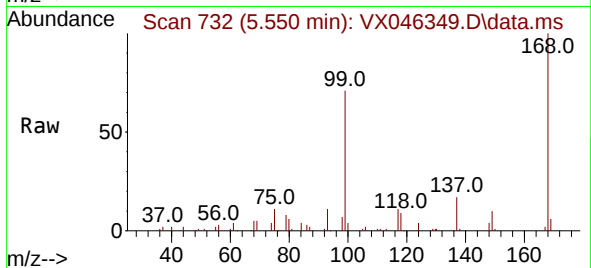




#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

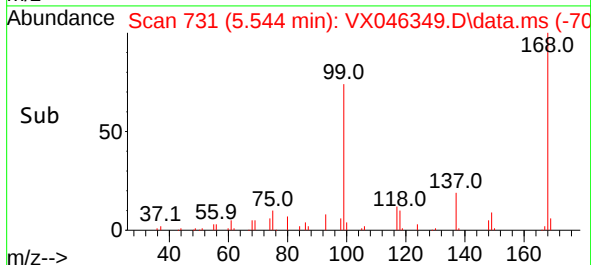
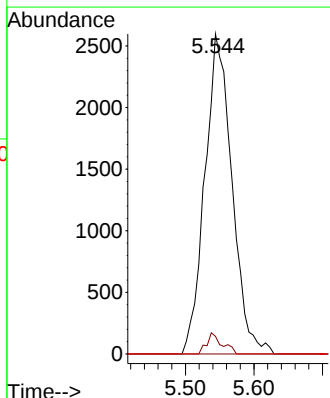
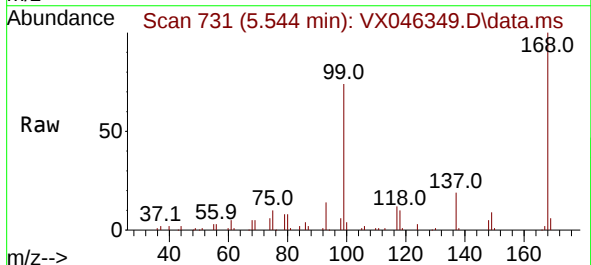
Instrument :
MSVOA_X
ClientSampleId :
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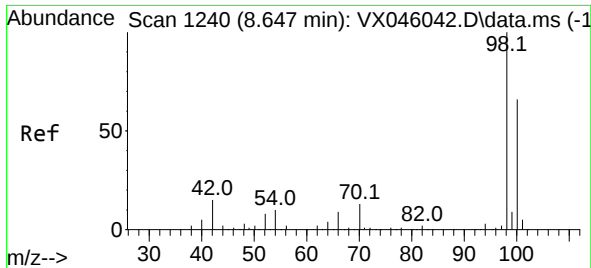
Tgt Ion: 75 Resp: 6039
Ion Ratio Lower Upper
75 100
110 5.8 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 117 Resp: 7157
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 24.2 36.4#

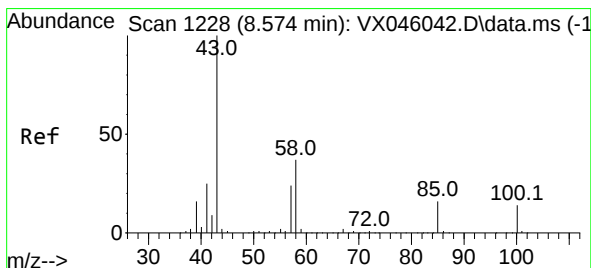
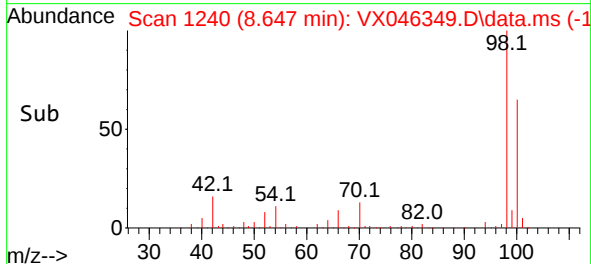
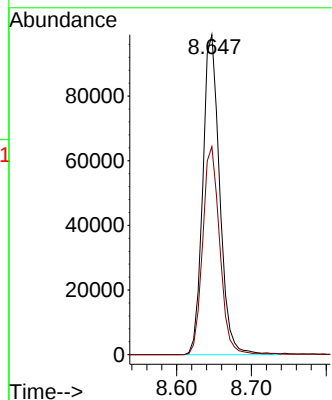
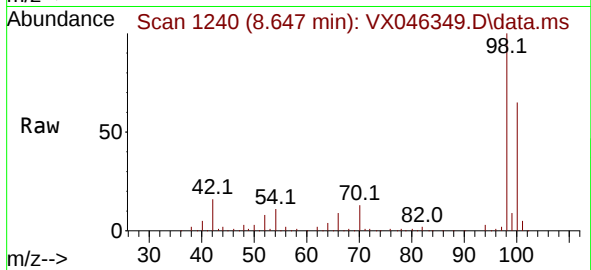




#50
Toluene-d8
Concen: 50.554 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

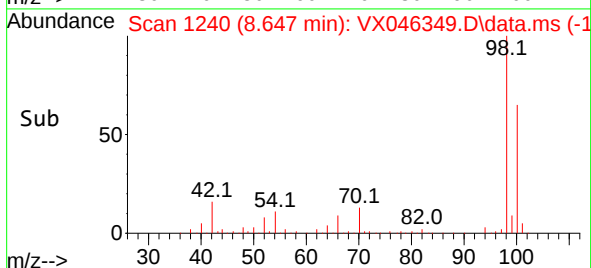
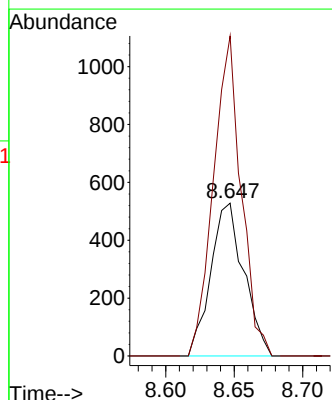
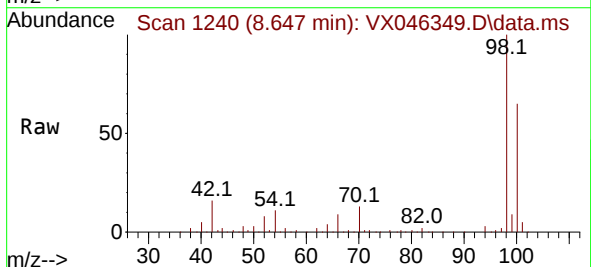
Instrument :
MSVOA_X
ClientSampleId :
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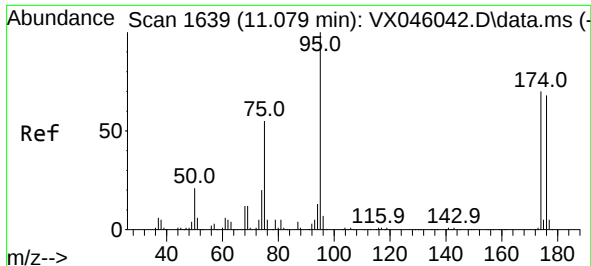
Tgt Ion: 98 Resp: 155329
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 175.6 28.9 43.3#

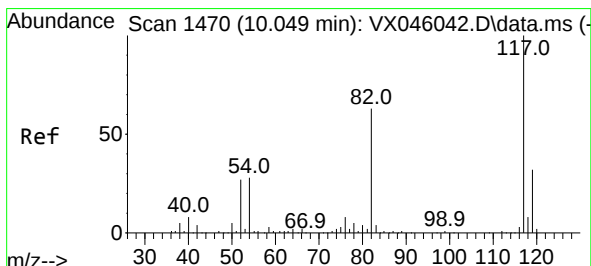
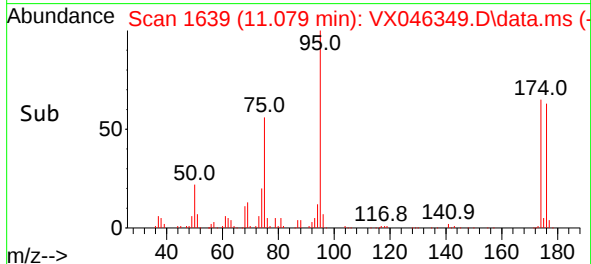
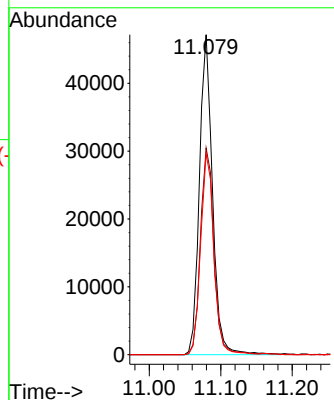
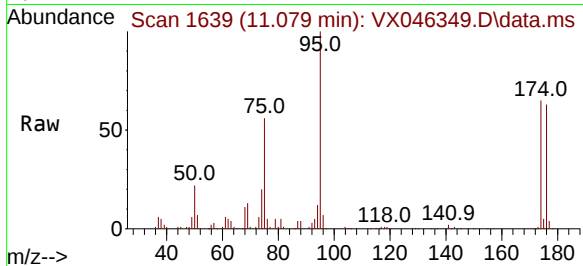




#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

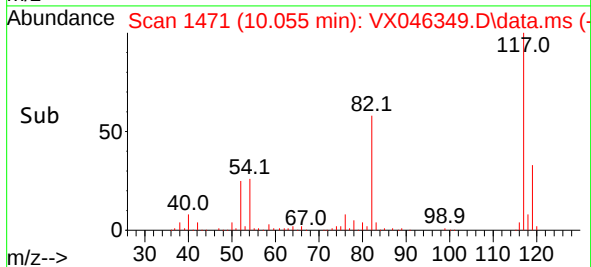
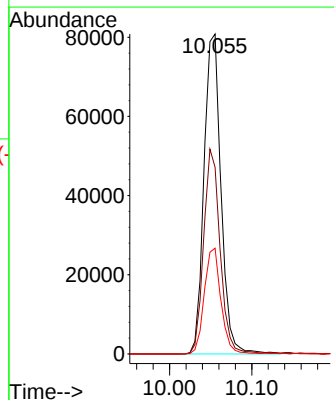
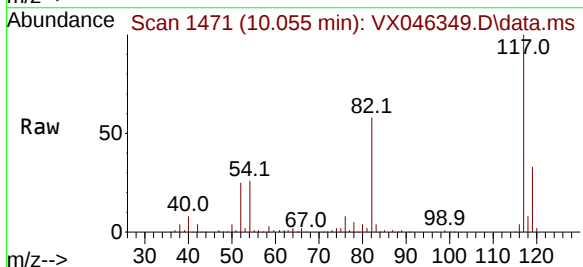
Instrument :
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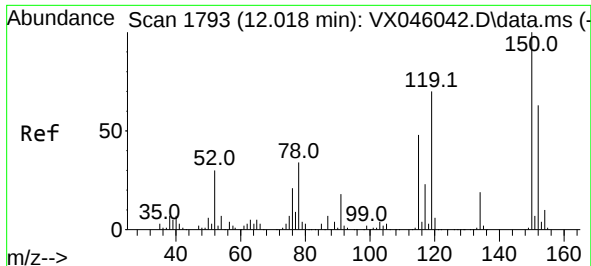
Tgt Ion: 95 Resp: 59792
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 63.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 117 Resp: 116230
Ion Ratio Lower Upper
117 100
82 58.3 50.6 76.0
119 33.1 25.8 38.6

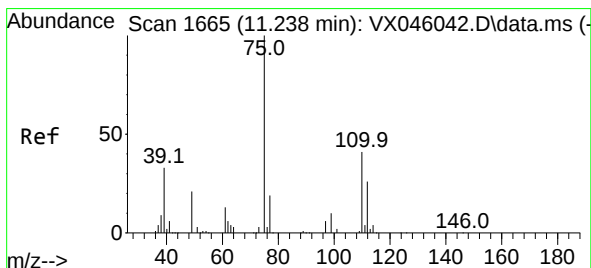
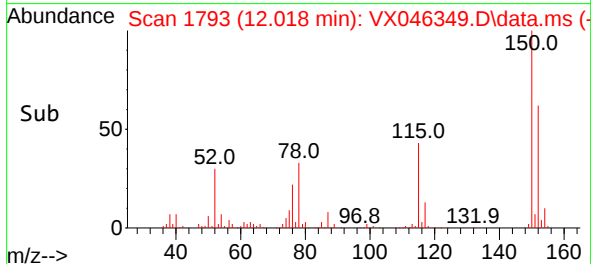
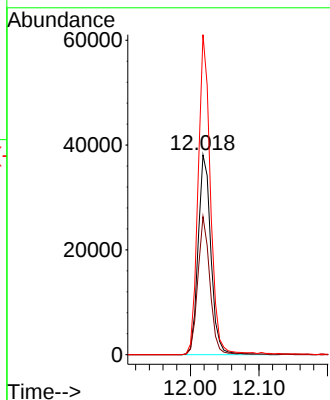
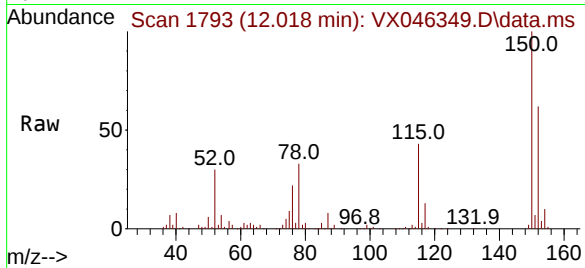




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046349.D
 Acq: 23 May 2025 16:49

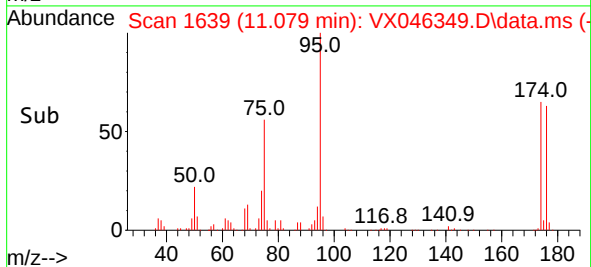
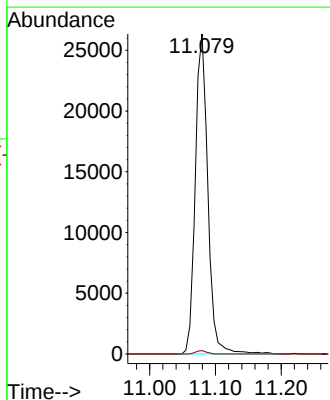
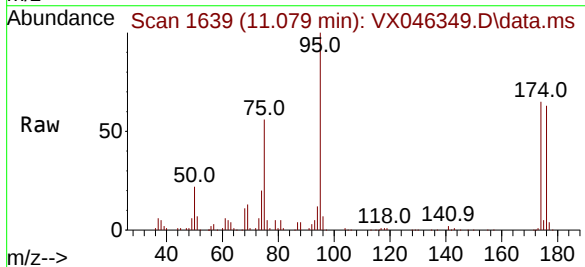
Instrument :
 MSVOA_X
 ClientSampleId :
 FB

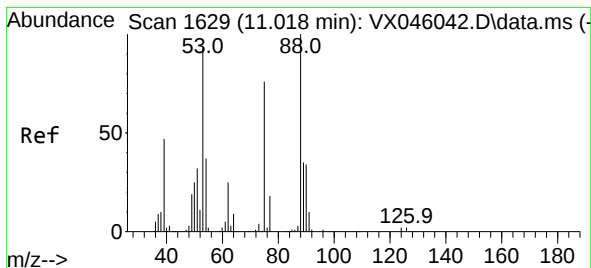
Tgt Ion:152 Resp: 49600
 Ion Ratio Lower Upper
 152 100
 115 65.5 46.9 140.7
 150 154.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.244 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX046349.D
 Acq: 23 May 2025 16:49

Tgt Ion: 75 Resp: 34914
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.208 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046349.D
 Acq: 23 May 2025 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Tgt Ion: 75 Resp: 34914
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

