

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035397.D
 Acq On : 28 Apr 2023 17:39
 Operator : JC/MD
 Sample : 02473-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 29 00:41:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

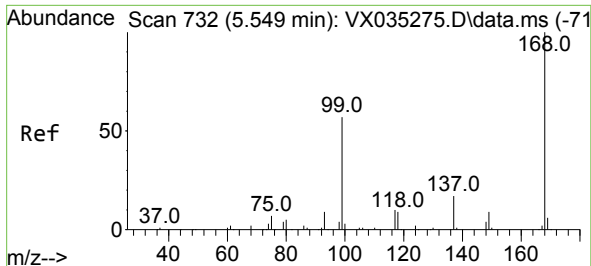
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	243165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	146799	50.040	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.080%	
35) Dibromofluoromethane	5.385	113	120491	48.788	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.580%	
50) Toluene-d8	8.647	98	475110	50.997	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	11.079	95	186957	53.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1025	0.804	ug/l #	76
31) Cyclohexane	5.550	56	4220	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17141	4.445	ug/l #	52
38) Carbon Tetrachloride	5.556	117	24480	6.687	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1836	0.505	ug/l #	1
68) m/p-Xylenes	10.305	106	1317	0.244	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	90843	25.448	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	90843	82.423	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	2445	0.221	ug/l	90
88) 1,4-Dichlorobenzene	12.043	146	1368	0.211	ug/l #	44
95) Naphthalene	13.780	128	2900	0.242	ug/l #	86

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

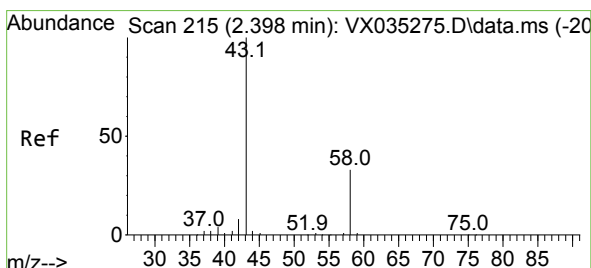
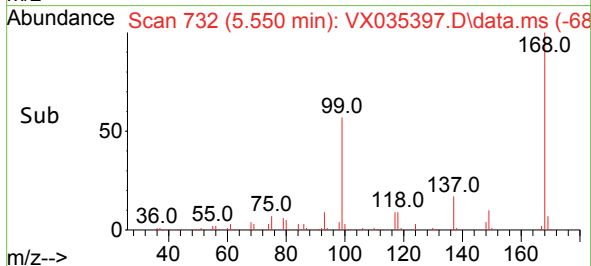
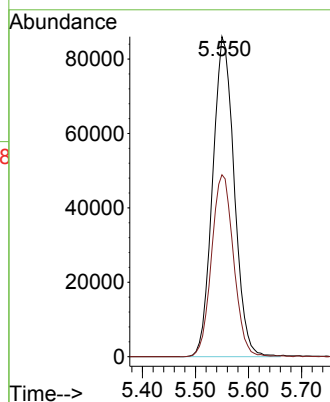
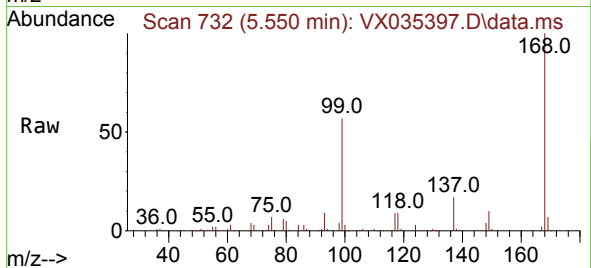




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

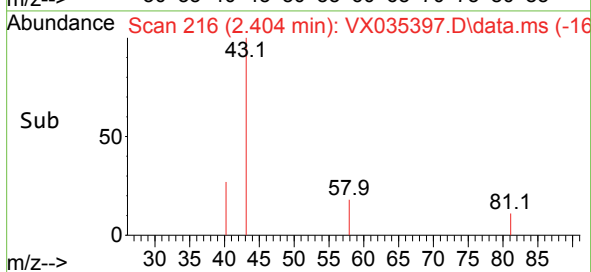
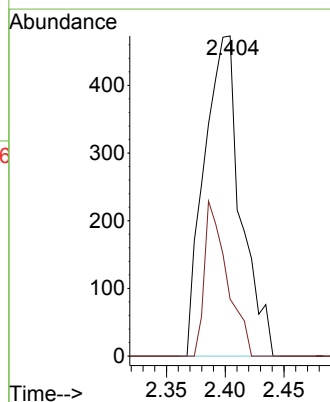
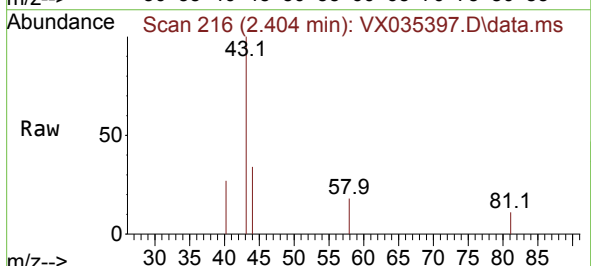
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

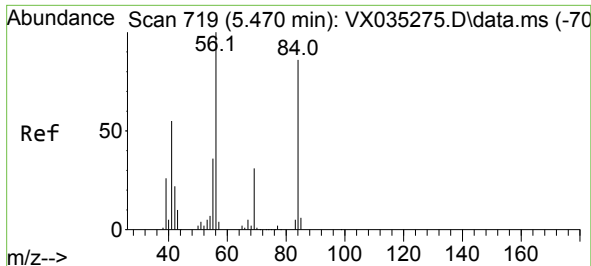
Tgt Ion:168 Resp: 243165
Ion Ratio Lower Upper
168 100
99 56.9 45.7 68.5



#16
Acetone
Concen: 0.804 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

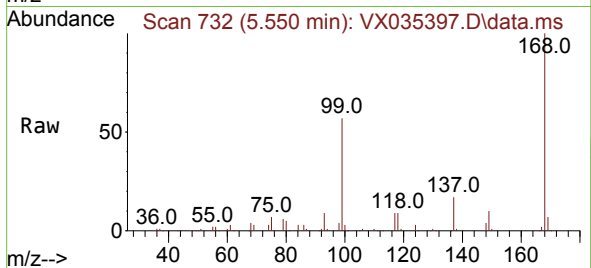
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 17.8 24.7 37.1#



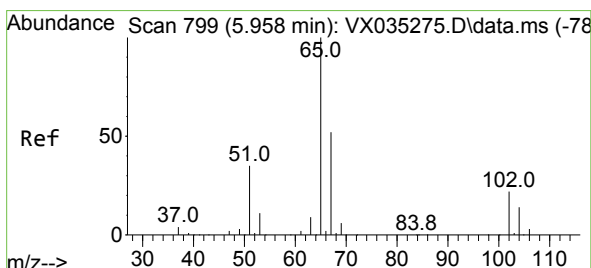
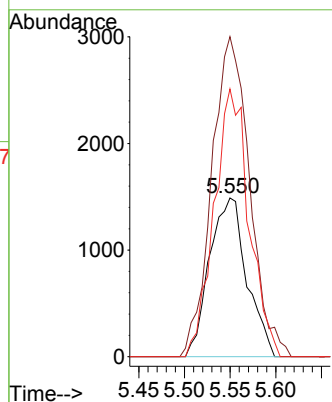
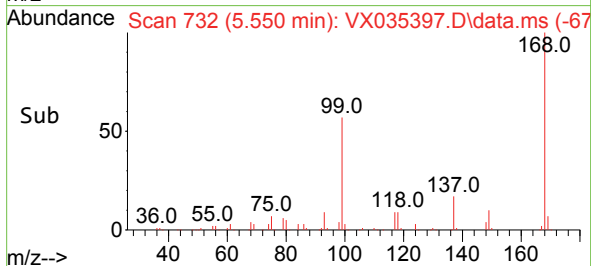


#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

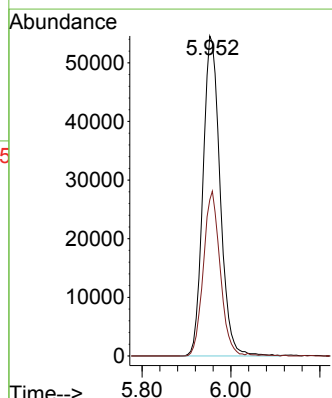
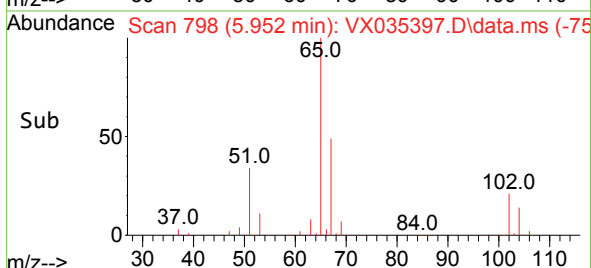
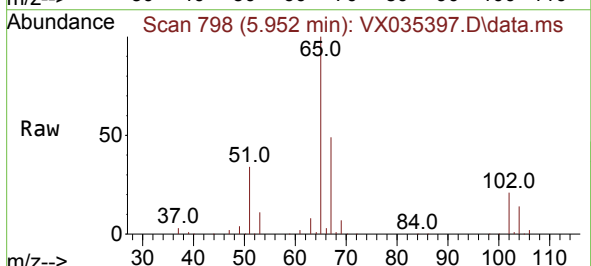


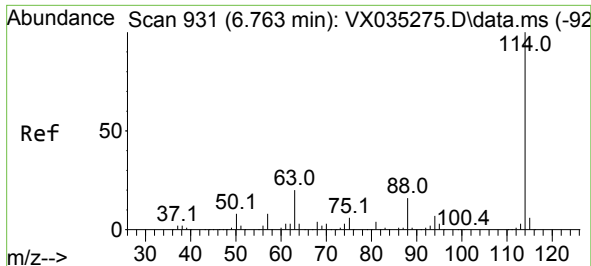
Tgt Ion: 56 Resp: 4220
Ion Ratio Lower Upper
56 100
69 201.6 23.7 35.5#
84 168.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.040 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

Tgt Ion: 65 Resp: 146799
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0

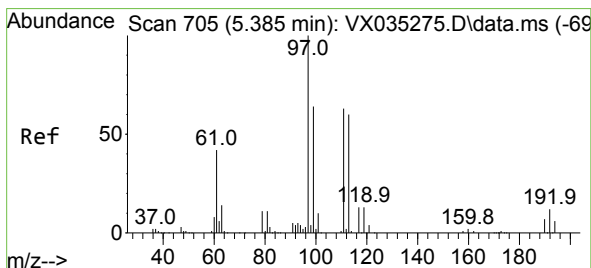
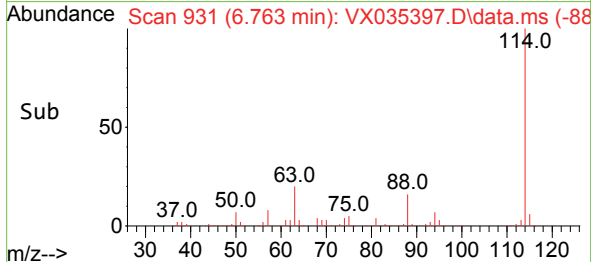
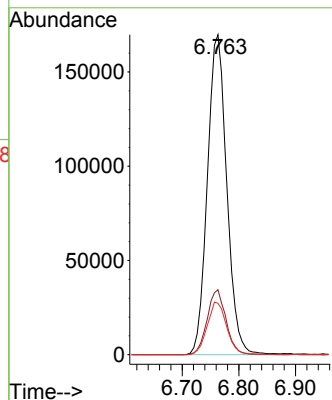
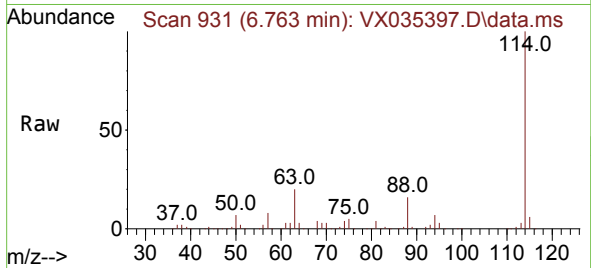




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

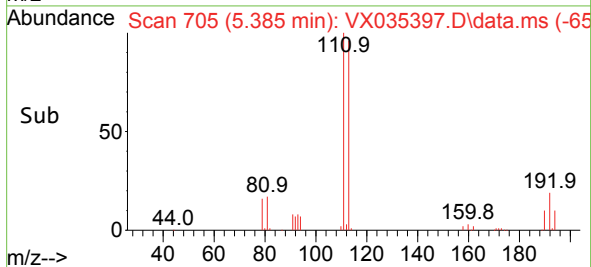
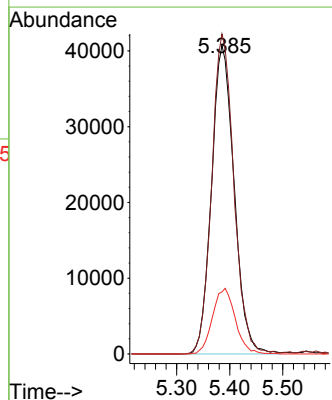
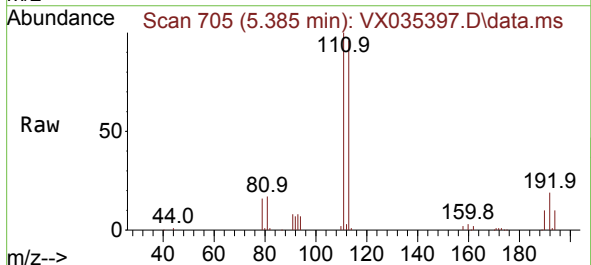
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

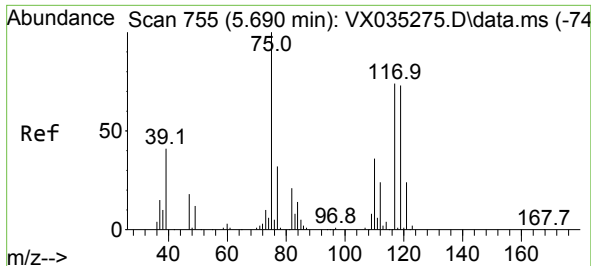
Tgt Ion:114 Resp: 402377
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.788 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

Tgt Ion:113 Resp: 120491
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 21.5 15.4 23.2

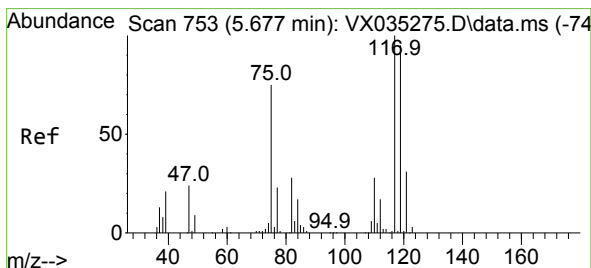
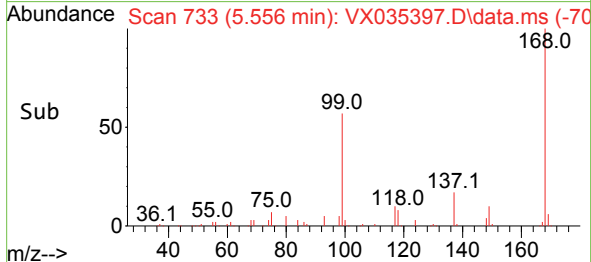
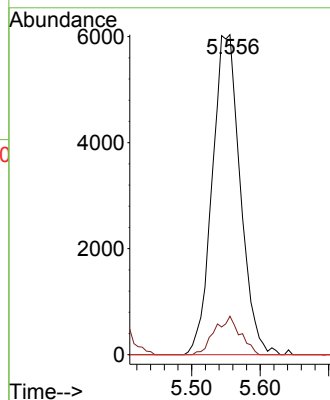
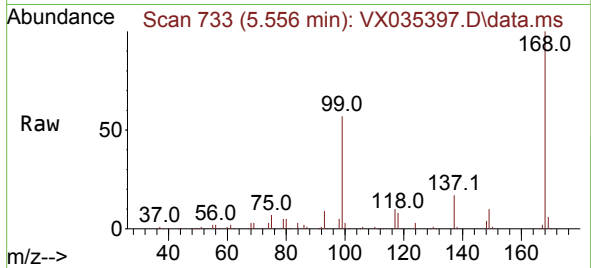




#36
1,1-Dichloropropene
Concen: 4.445 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

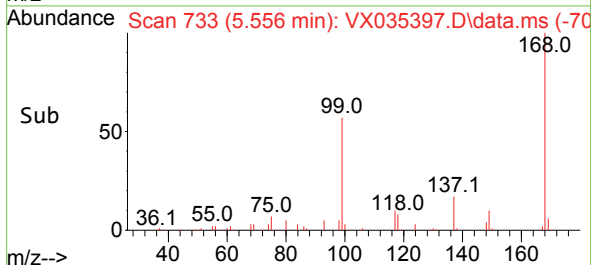
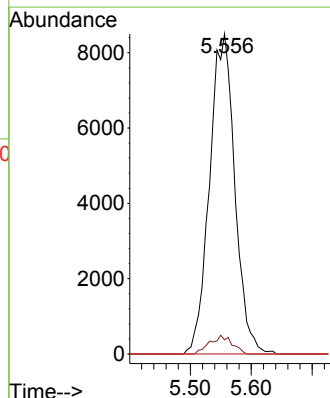
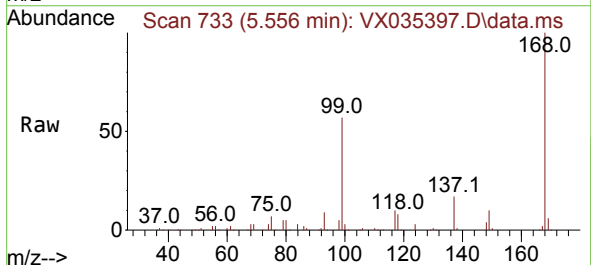
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

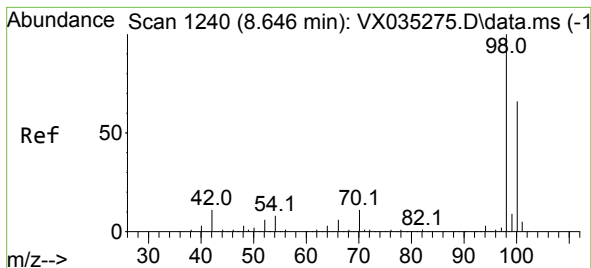
Tgt Ion: 75 Resp: 17141
Ion Ratio Lower Upper
75 100
110 11.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.687 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

Tgt Ion: 117 Resp: 24480
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 50.997 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035397.D

Acq: 28 Apr 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

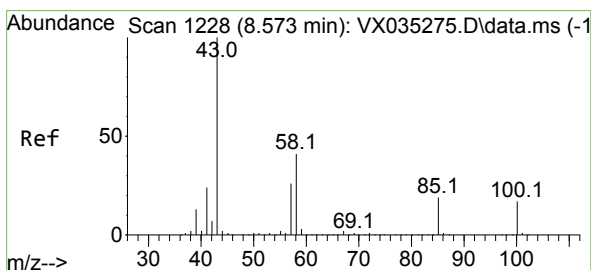
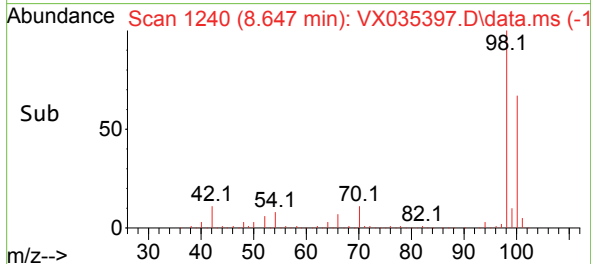
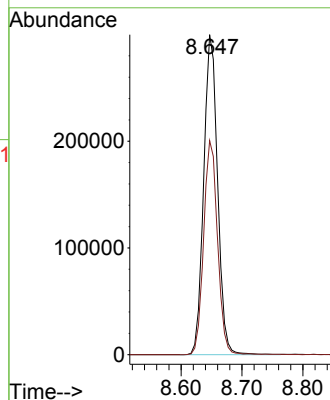
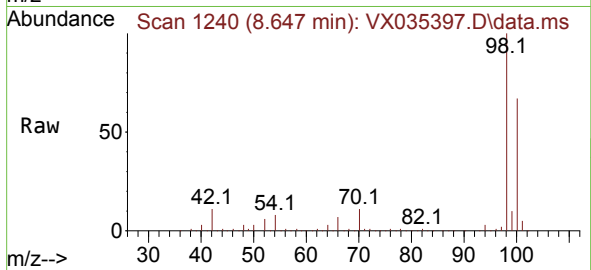
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 475110

Ion Ratio Lower Upper

98 100

100 66.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.505 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035397.D

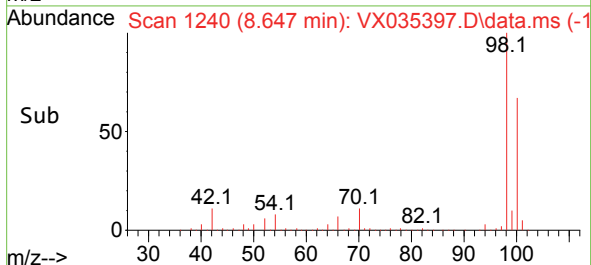
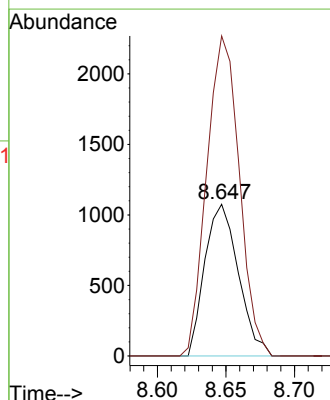
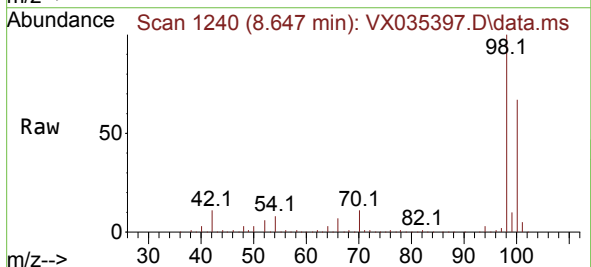
Acq: 28 Apr 2023 17:39

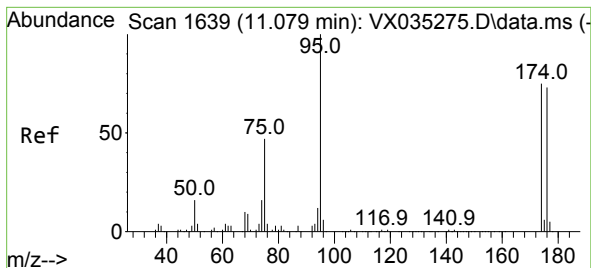
Tgt Ion: 43 Resp: 1836

Ion Ratio Lower Upper

43 100

58 204.6 30.6 46.0#

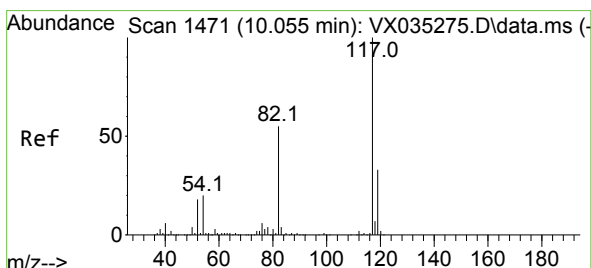
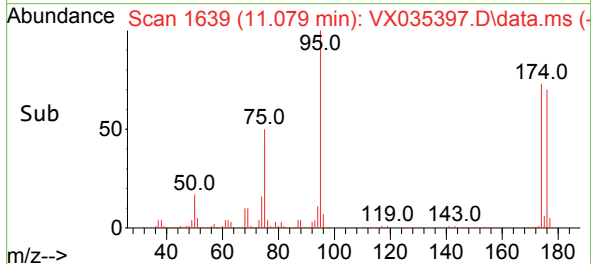
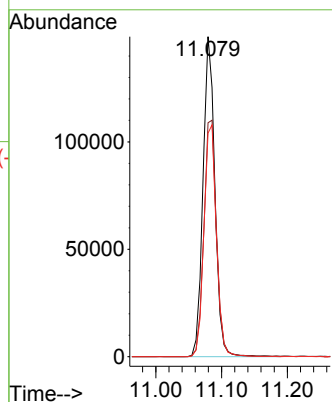
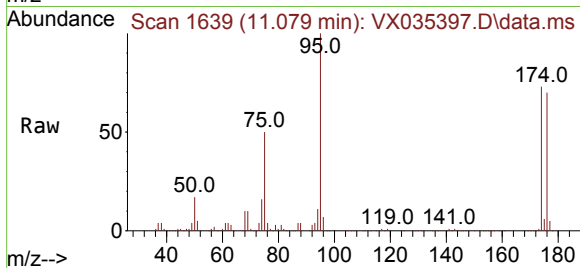




#62
4-Bromofluorobenzene
Concen: 53.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

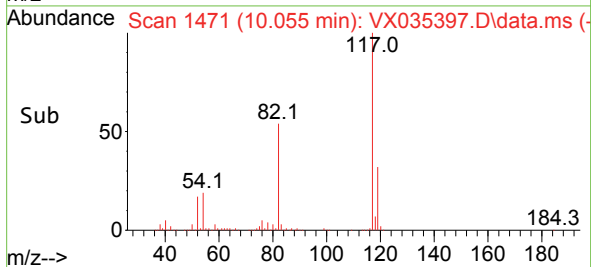
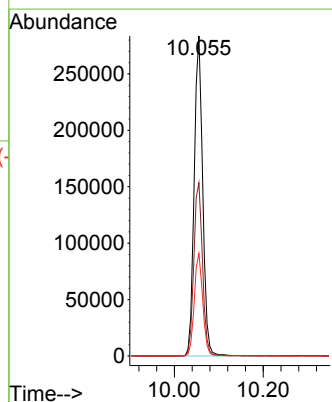
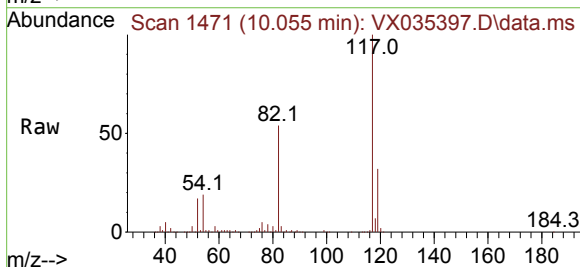
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

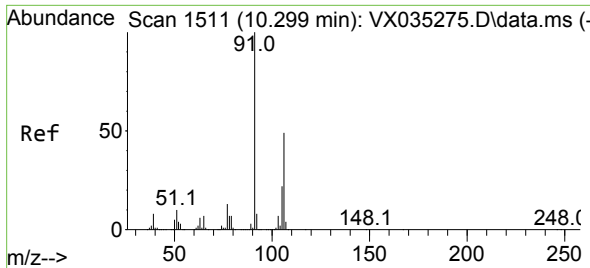
Tgt Ion: 95 Resp: 186957
Ion Ratio Lower Upper
95 100
174 78.7 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

Tgt Ion: 117 Resp: 375449
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.0 26.0 39.0

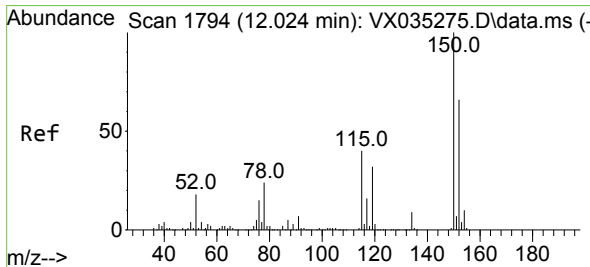
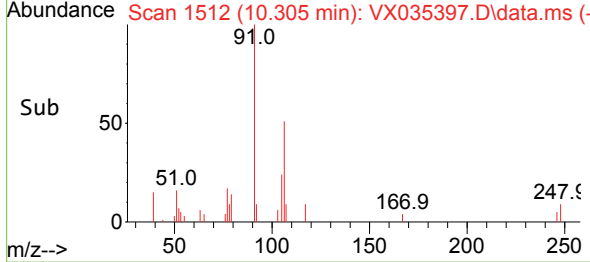
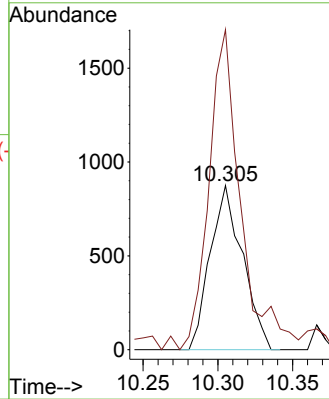
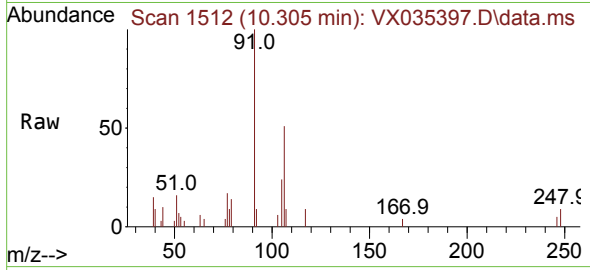




#68
m/p-Xylenes
Concen: 0.244 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

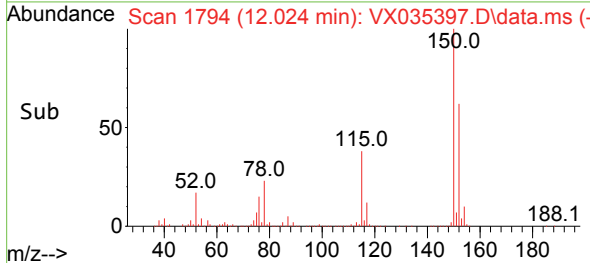
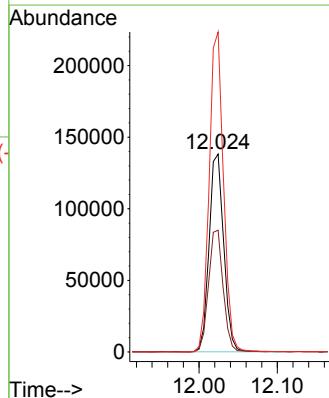
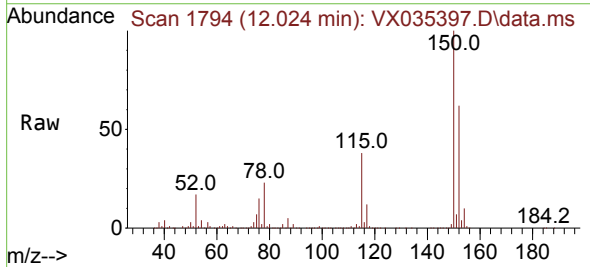
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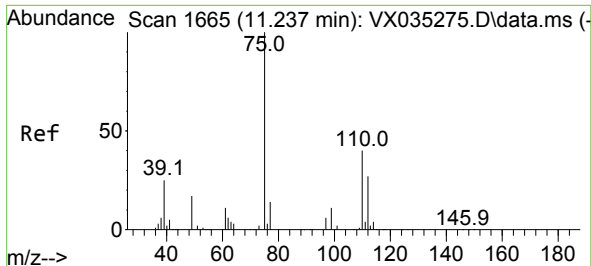
Tgt Ion:106 Resp: 1317
Ion Ratio Lower Upper
106 100
91 192.3 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

Tgt Ion:152 Resp: 178952
Ion Ratio Lower Upper
152 100
115 61.6 45.0 135.0
150 158.2 0.0 352.4

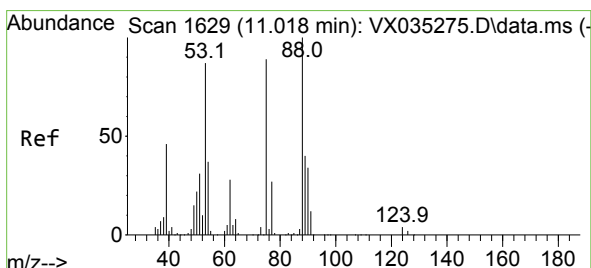
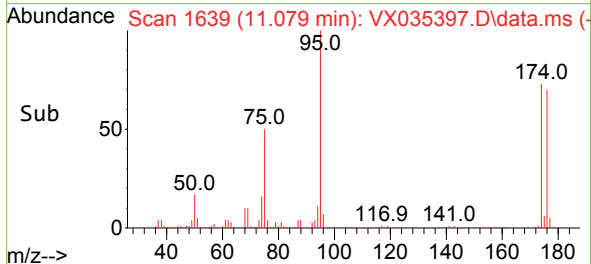
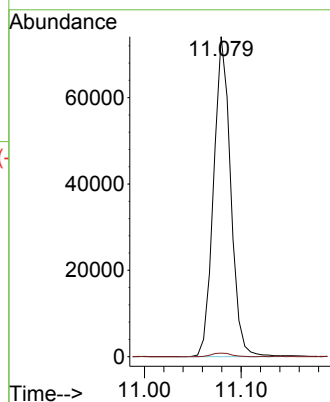
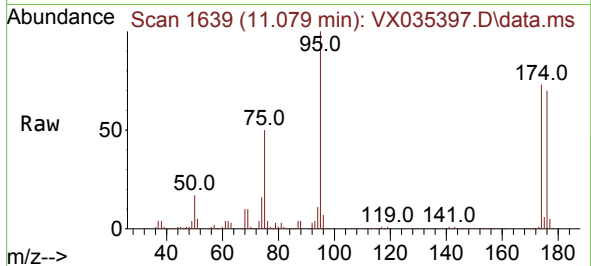




#76
1,2,3-Trichloropropane
Concen: 25.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

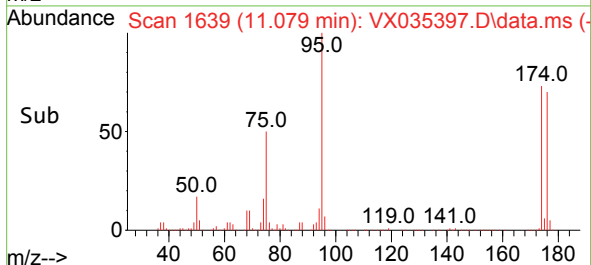
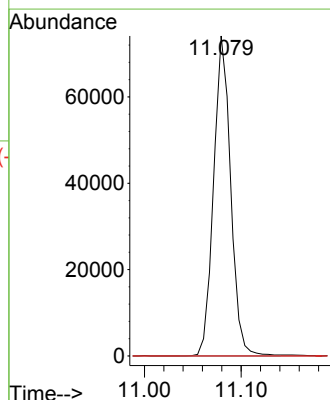
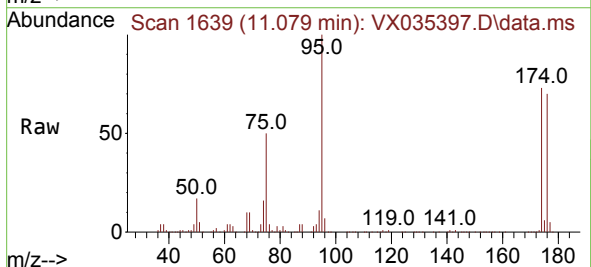
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

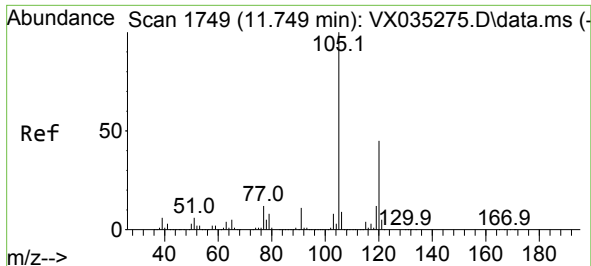
Tgt Ion: 75 Resp: 90843
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.423 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

Tgt Ion: 75 Resp: 90843
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

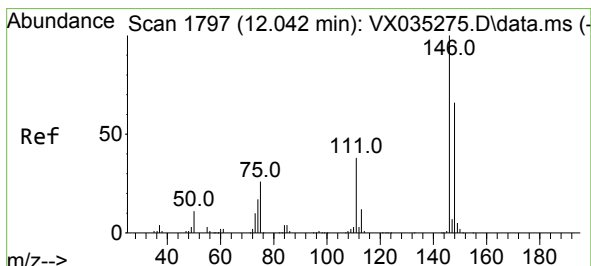
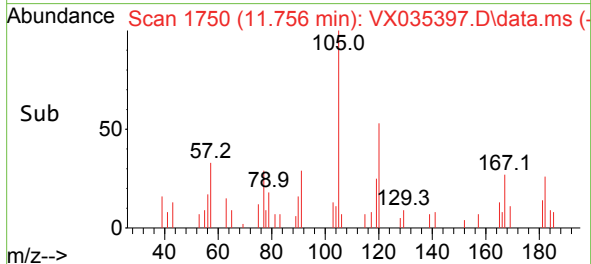
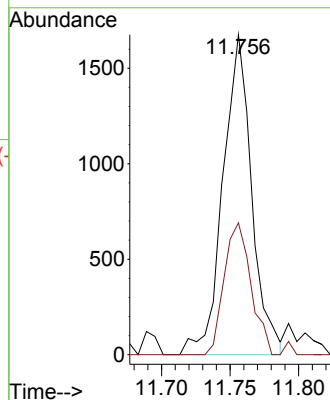
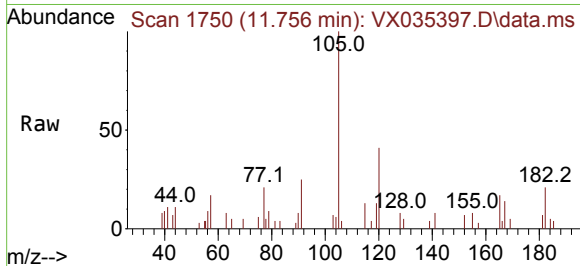




#84
1,2,4-Trimethylbenzene
Concen: 0.221 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.007 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

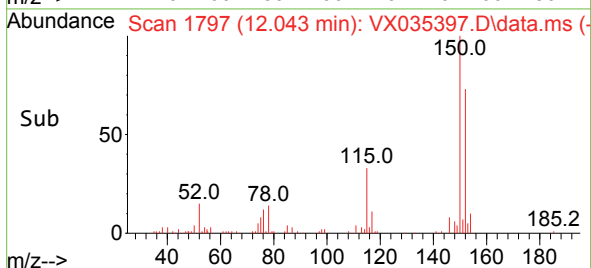
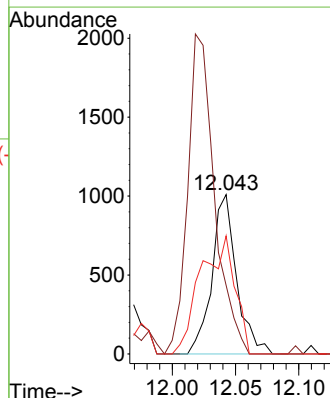
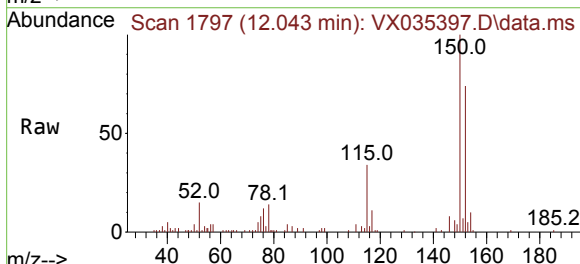
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

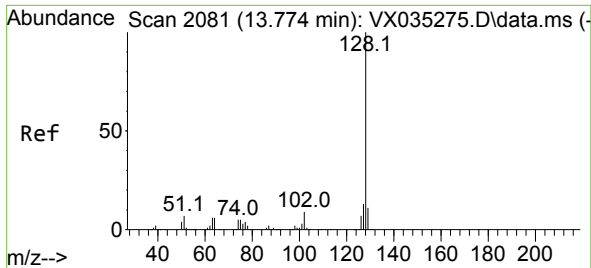
Tgt Ion:105 Resp: 2445
Ion Ratio Lower Upper
105 100
120 38.4 22.4 67.0



#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

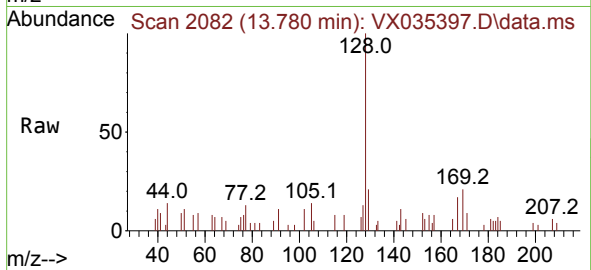
Tgt Ion:146 Resp: 1368
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.9#
148 102.9 31.8 95.4#





#95
Naphthalene
Concen: 0.242 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035397.D
Acq: 28 Apr 2023 17:39

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



Tgt Ion:128 Resp: 2900
Ion Ratio Lower Upper
128 100
127 20.1 10.2 15.4#
129 14.1 8.6 13.0#

