

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048856.D
 Acq On : 03 Jun 2022 14:42
 Operator : SY/MD
 Sample : N3103-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 04 04:37:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

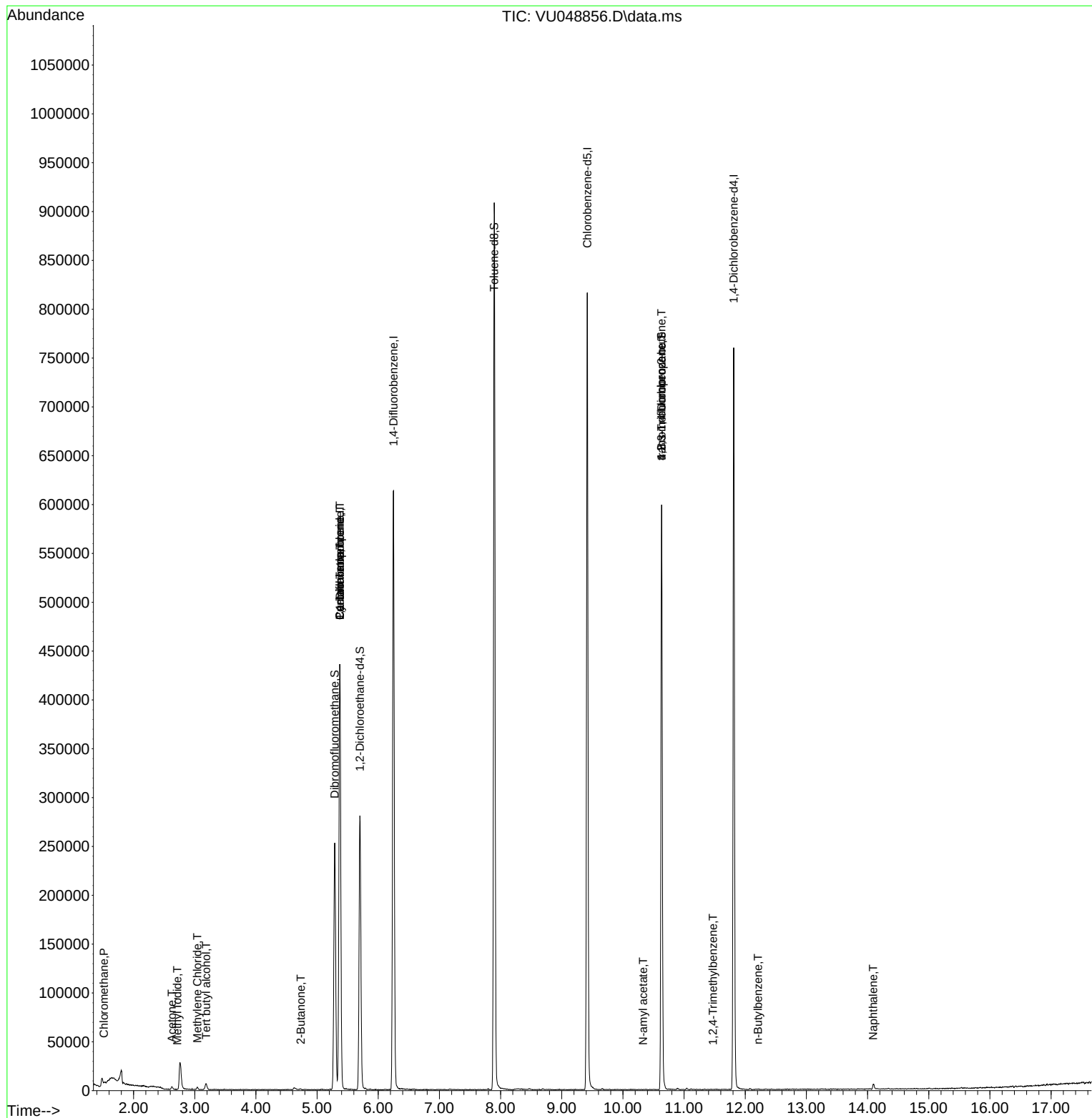
Internal Standards						
1) Pentafluorobenzene	5.372	168	299587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	491917	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	447743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	196612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	214565	47.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.288	113	162716	46.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	7.896	98	599737	47.673	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.340%
62) 4-Bromofluorobenzene	10.632	95	201385	42.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1254	0.284	ug/l #	82
5) Bromomethane	1.838	94	242	Below Cal		97
6) Chloroethane	1.912	64	874	Below Cal	#	84
10) Methyl Iodide	2.713	142	64	3.017	ug/l #	37
11) Tert butyl alcohol	3.189	59	4052	3.552	ug/l #	28
13) Acrolein	2.462	56	50	Below Cal		93
16) Acetone	2.626	43	3417	1.490	ug/l #	73
20) Methylene Chloride	3.041	84	968	0.248	ug/l	90
25) 2-Butanone	4.735	43	1380	0.419	ug/l #	49
31) Cyclohexane	5.372	56	6397	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24821	4.846	ug/l #	49
38) Carbon Tetrachloride	5.372	117	31166	5.304	ug/l #	18
74) N-amyl acetate	10.330	43	22	2.470	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	101369	15.991	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	101369	58.060	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.475	105	92	1.194	ug/l #	31
89) n-Butylbenzene	12.208	91	104	2.194	ug/l #	1
95) Naphthalene	14.092	128	5723	2.884	ug/l	97

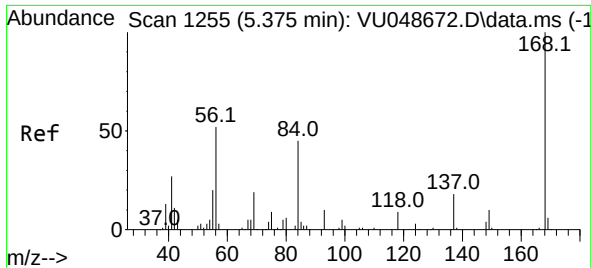
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
Data File : VU048856.D
Acq On : 03 Jun 2022 14:42
Operator : SY/MD
Sample : N3103-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 04 04:37:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

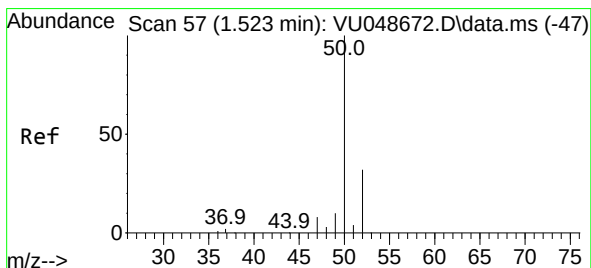
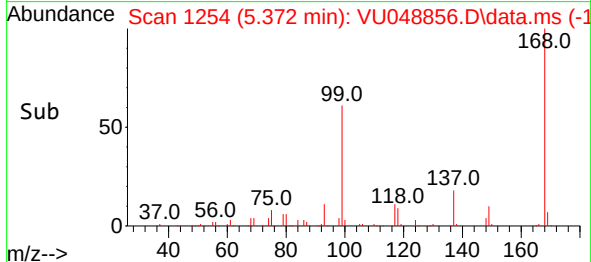
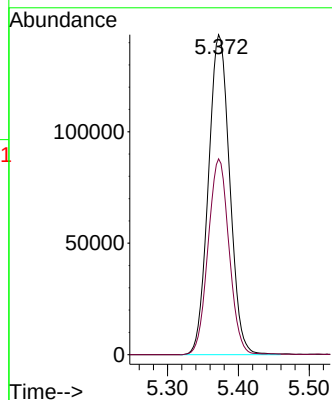
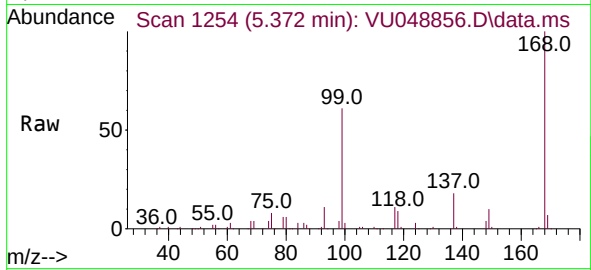




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

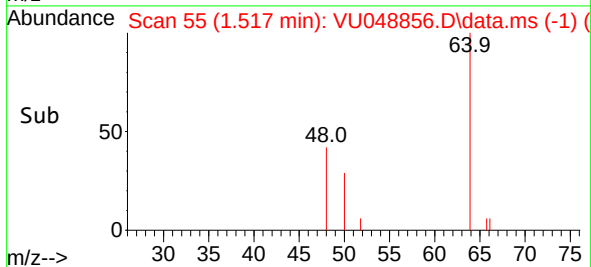
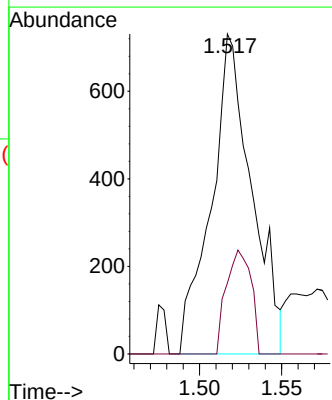
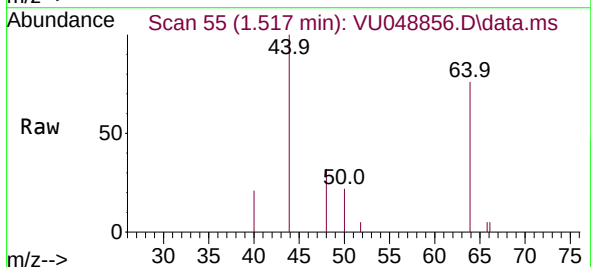
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

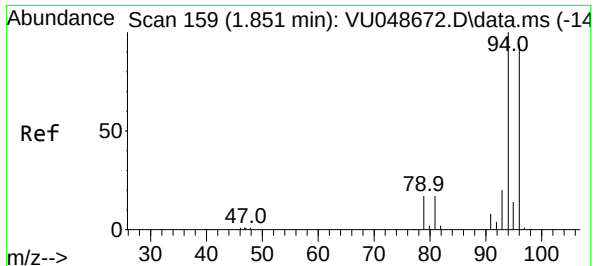
Tgt Ion:168 Resp: 299587
Ion Ratio Lower Upper
168 100
99 61.2 49.3 73.9



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 50 Resp: 1254
Ion Ratio Lower Upper
50 100
52 22.2 25.7 38.5#

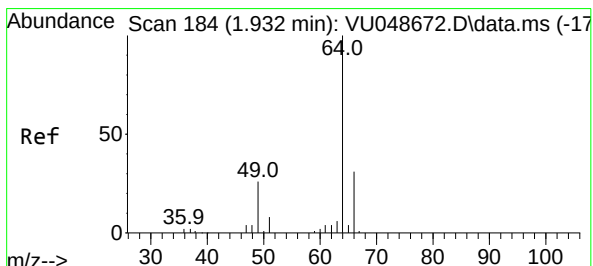
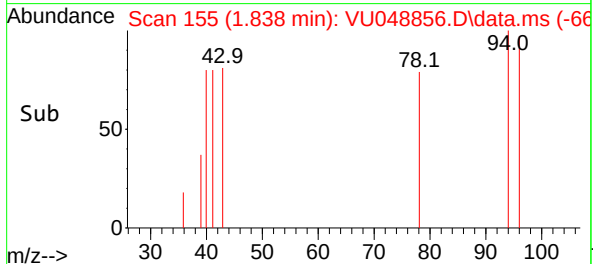
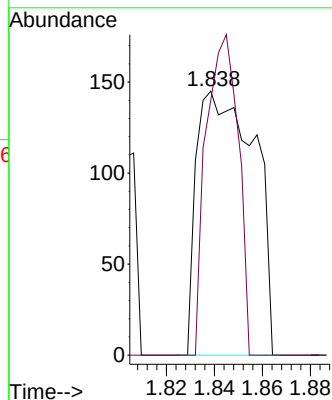
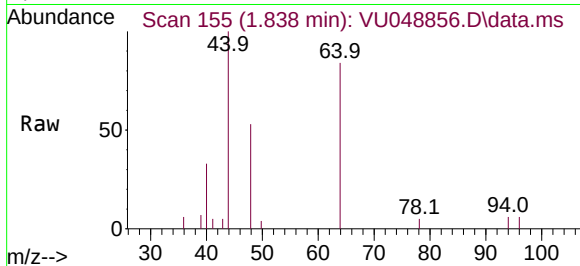




#5
Bromomethane
Concen: Below Cal
RT: 1.838 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

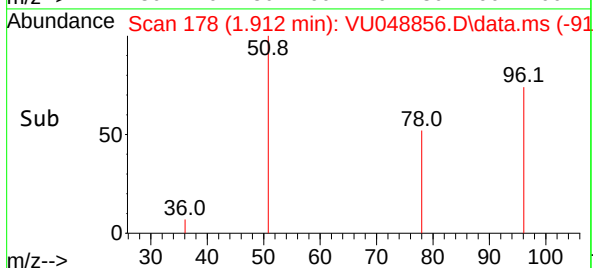
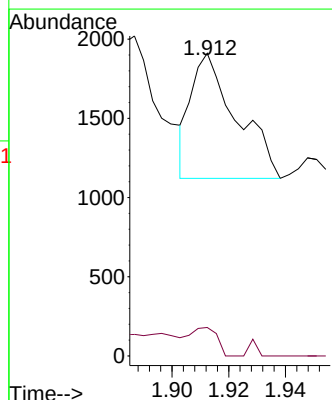
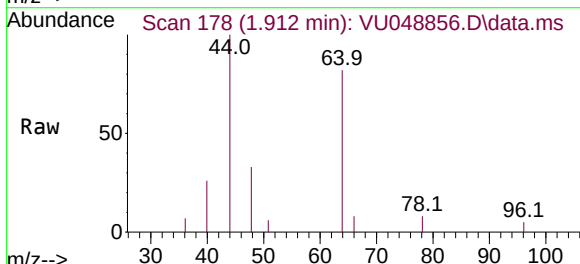
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

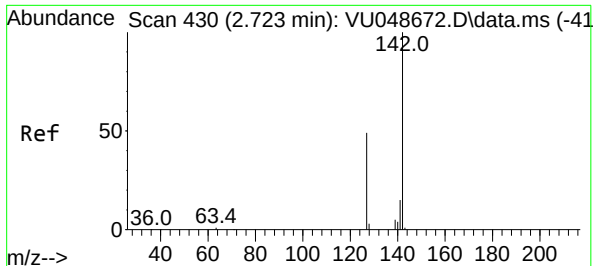
Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 96.6 75.1 112.7



#6
Chloroethane
Concen: Below Cal
RT: 1.912 min Scan# 178
Delta R.T. -0.020 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 64 Resp: 874
Ion Ratio Lower Upper
64 100
66 22.7 25.2 37.8#

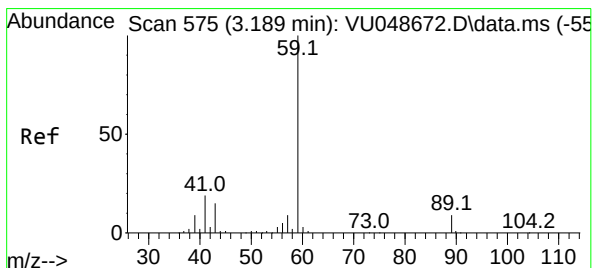
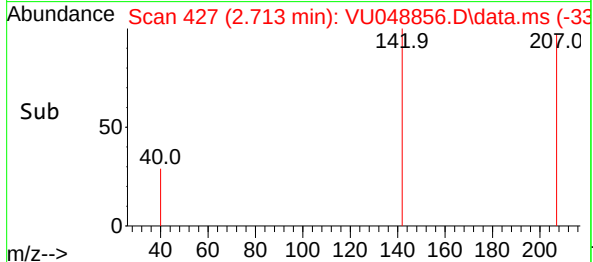
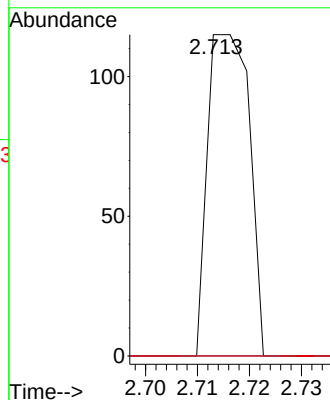
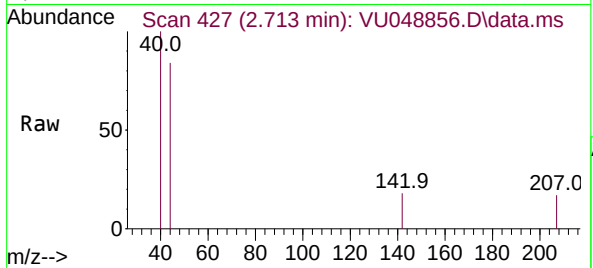




#10
Methyl Iodide
Concen: 3.017 ug/l
RT: 2.713 min Scan# 41
Delta R.T. -0.010 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

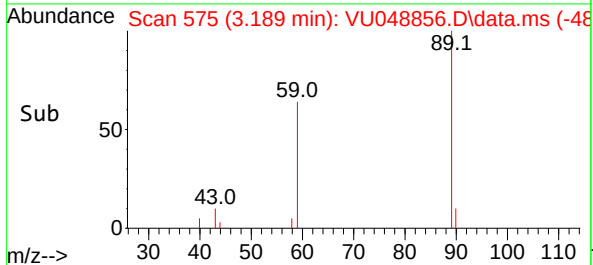
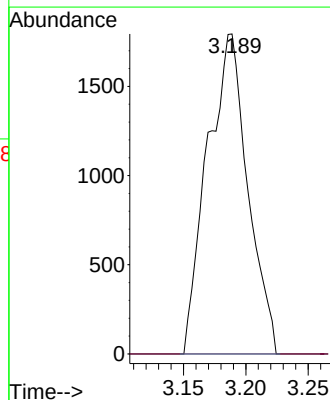
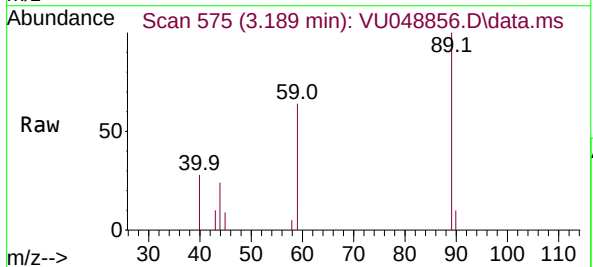
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

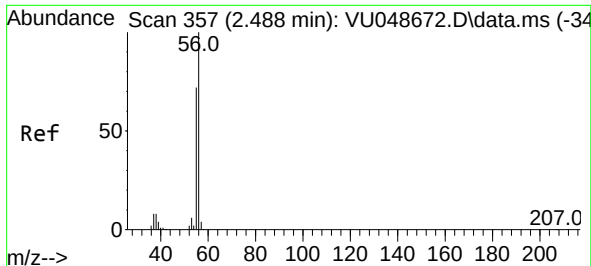
Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 3.552 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.000 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 59 Resp: 4052
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

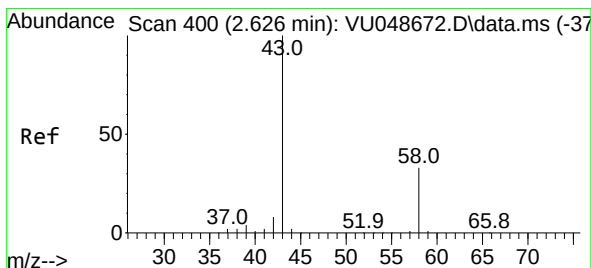
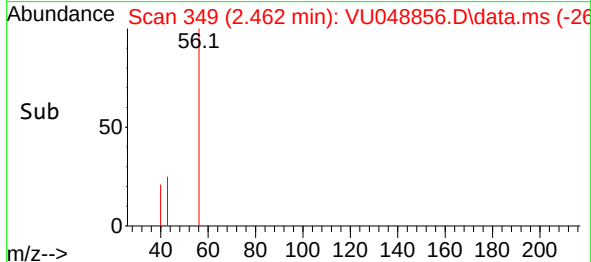
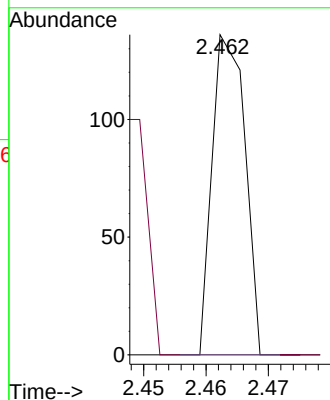
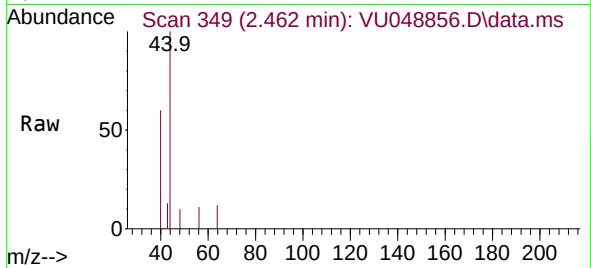




#13
Acrolein
Concen: Below Cal
RT: 2.462 min Scan# 349
Delta R.T. -0.026 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

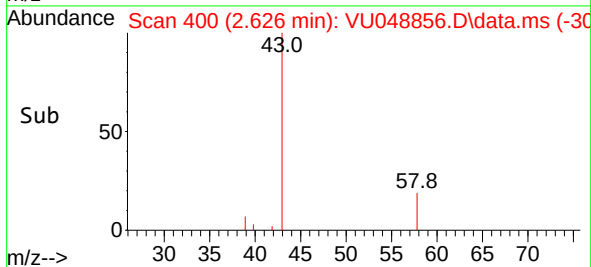
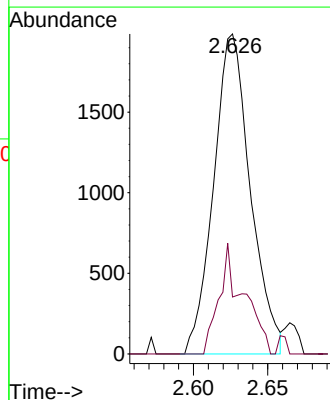
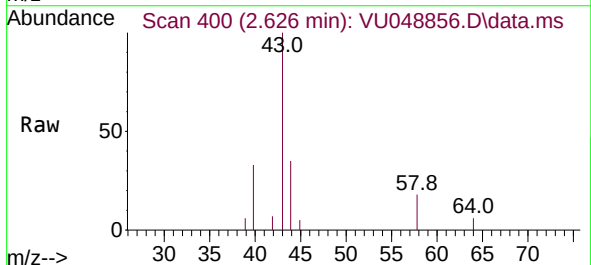
Instrument : MSVOA_U
ClientSampleId : STORAGE-BLANK-WATER-REF-4

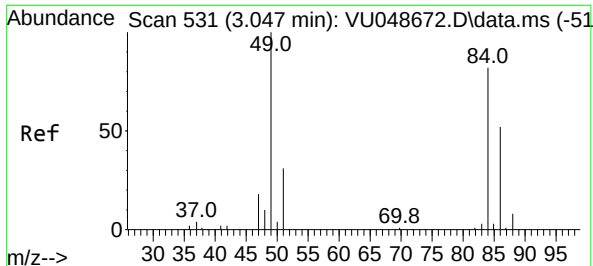
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 78.0 57.7 86.5



#16
Acetone
Concen: 1.490 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 43 Resp: 3417
Ion Ratio Lower Upper
43 100
58 17.8 26.3 39.5#

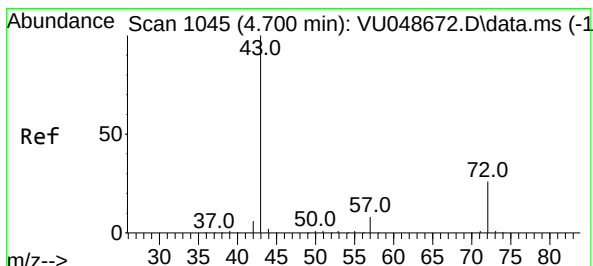
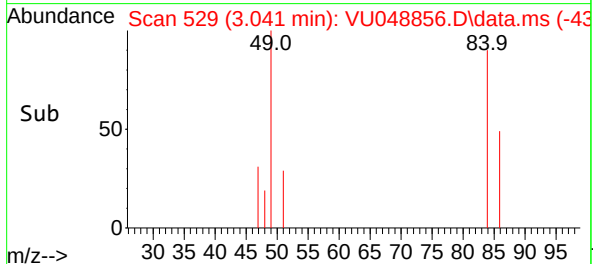
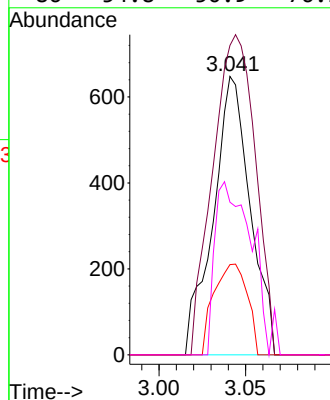
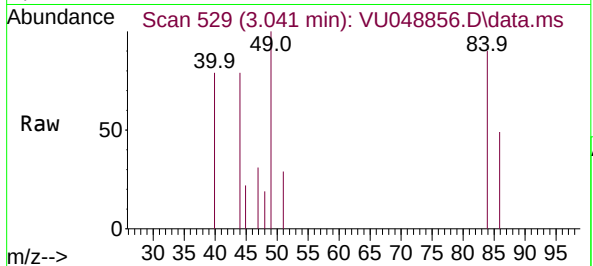




#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

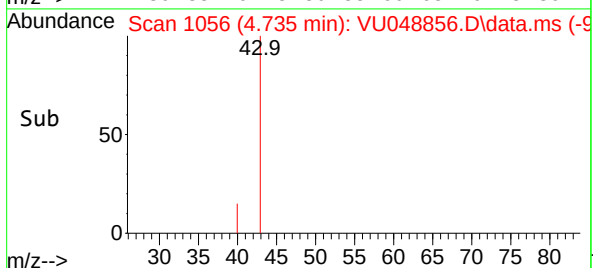
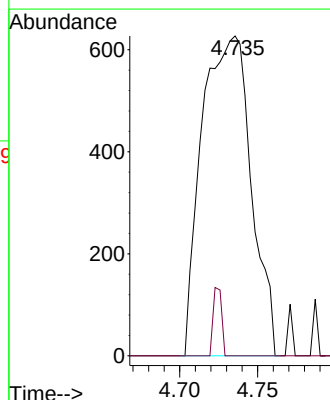
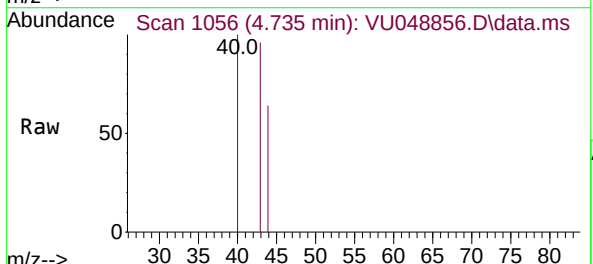
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

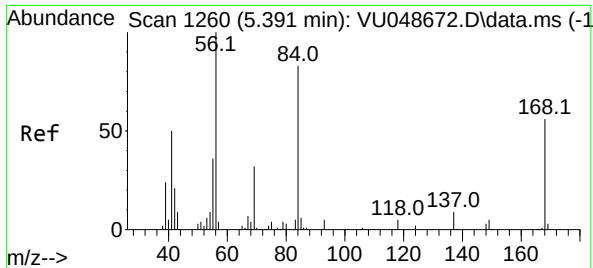
Tgt Ion: 84	Resp: 968
Ion Ratio	Lower Upper
84 100	
49 111.1	97.0 145.4
51 32.4	29.8 44.8
86 54.8	50.9 76.3



#25
2-Butanone
Concen: 0.419 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.035 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 43	Resp: 1380
Ion Ratio	Lower Upper
43 100	
72 0.0	21.1 31.7#

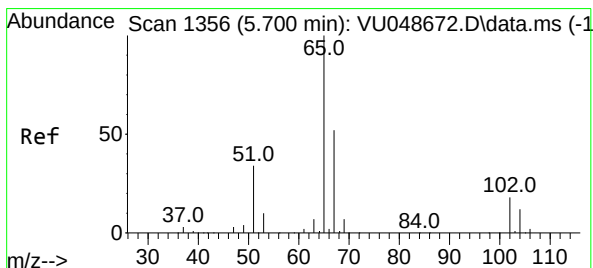
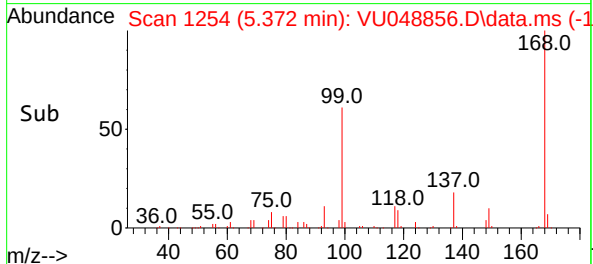
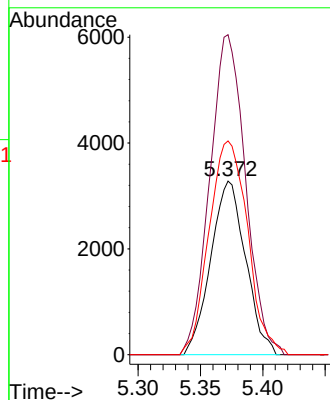
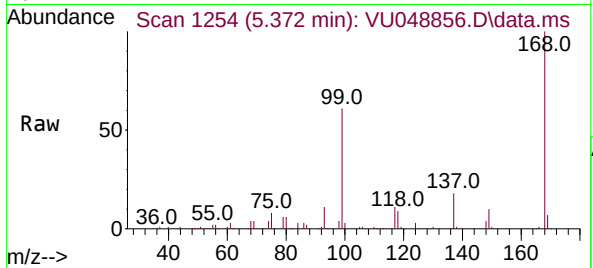




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

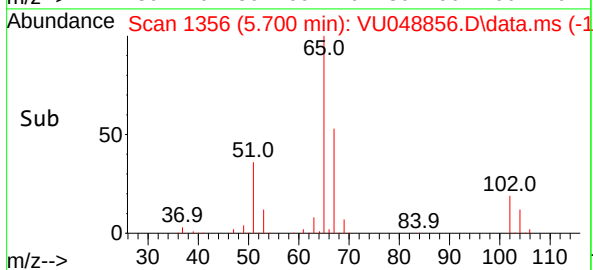
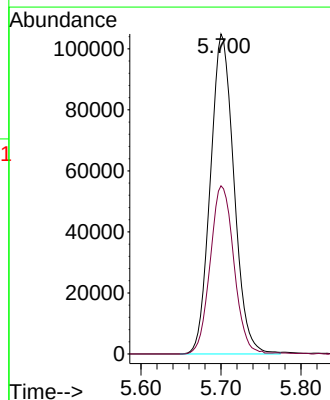
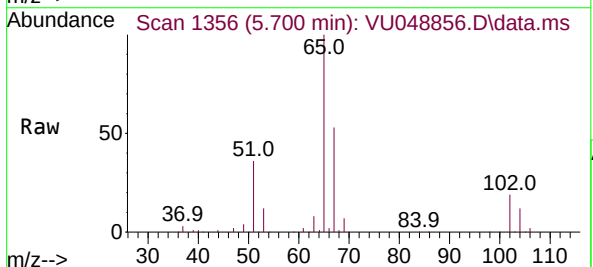
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

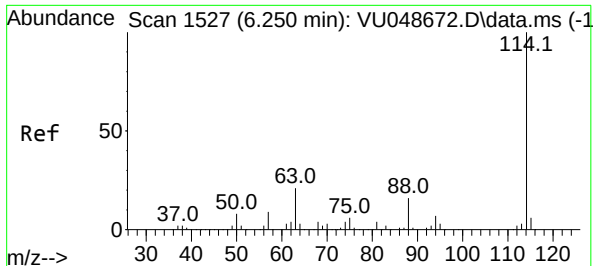
Tgt Ion: 56 Resp: 6397
Ion Ratio Lower Upper
56 100
69 184.3 25.6 38.4#
84 123.1 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 47.689 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 65 Resp: 214565
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

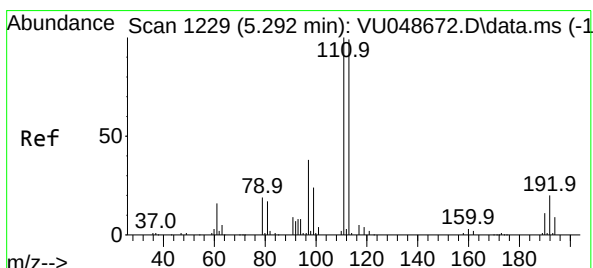
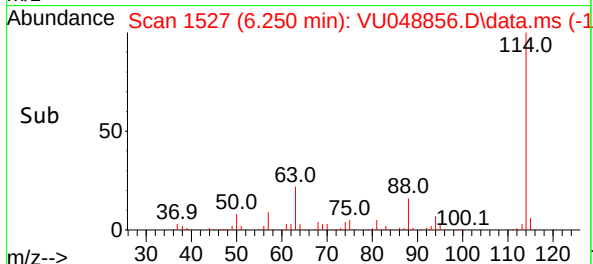
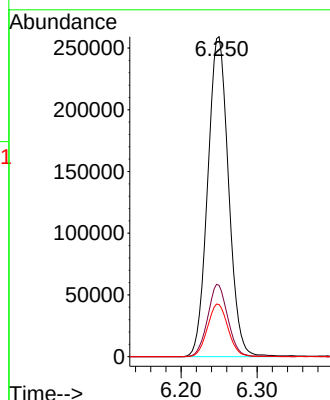
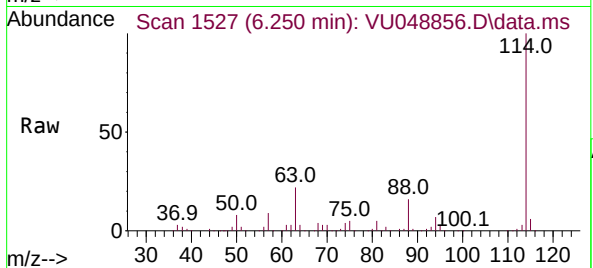




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

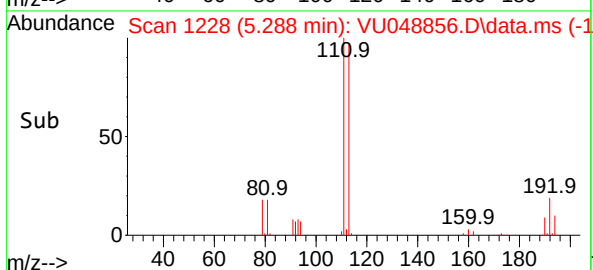
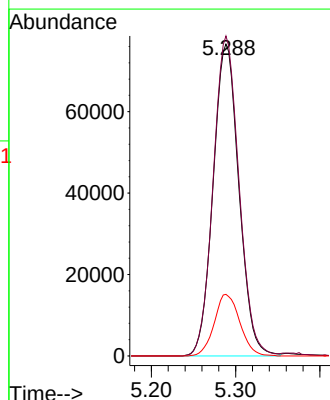
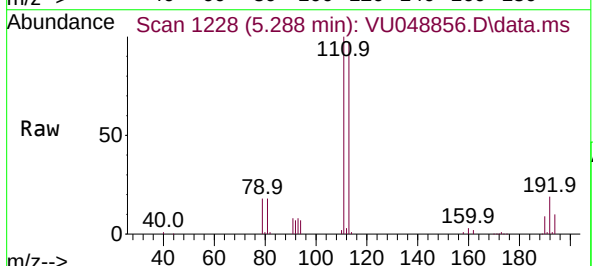
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

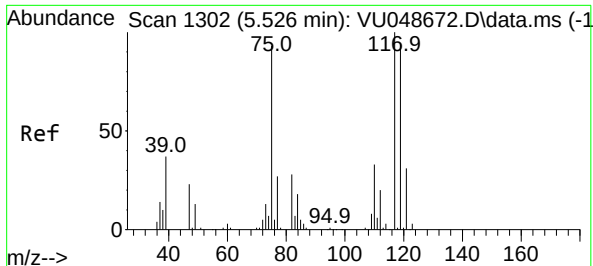
Tgt Ion:114 Resp: 491917
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.6
88 16.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.365 ug/l
RT: 5.288 min Scan# 1228
Delta R.T. -0.003 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion:113 Resp: 162716
Ion Ratio Lower Upper
113 100
111 102.5 80.7 121.1
192 19.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.846 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.154 min

Lab File: VU048856.D

Acq: 03 Jun 2022 14:42

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

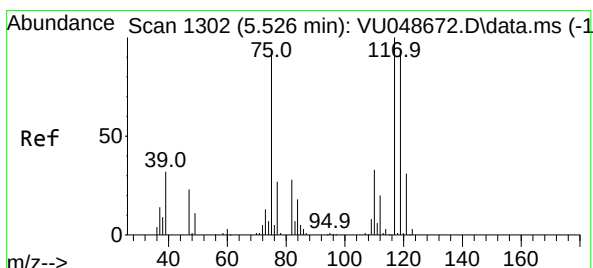
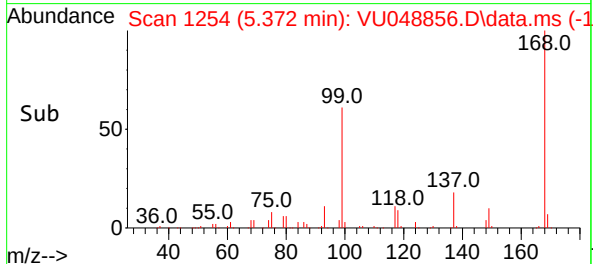
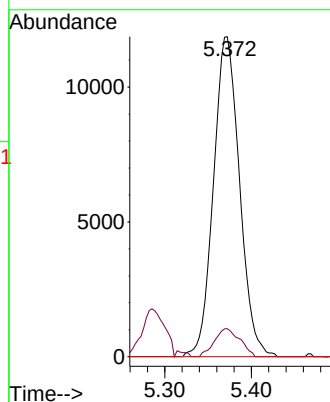
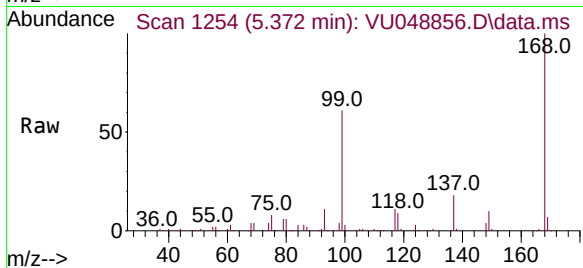
Tgt Ion: 75 Resp: 24821

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.304 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048856.D

Acq: 03 Jun 2022 14:42

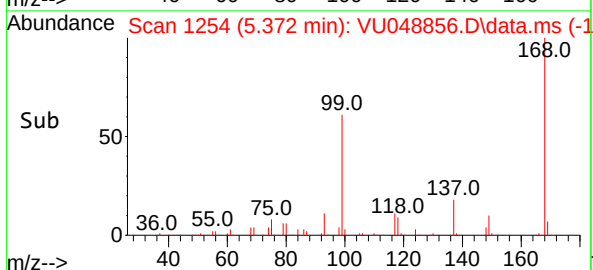
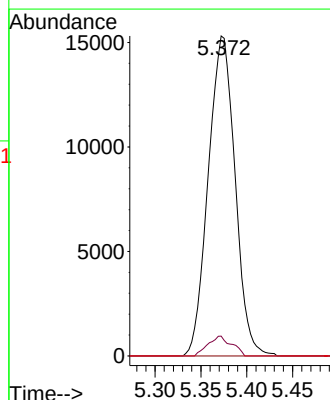
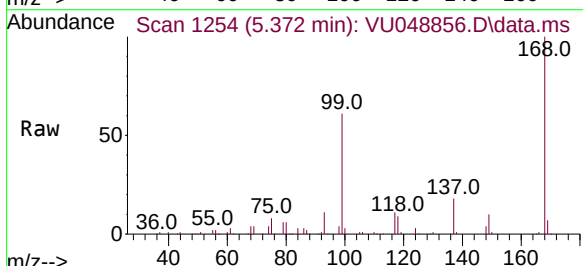
Tgt Ion: 117 Resp: 31166

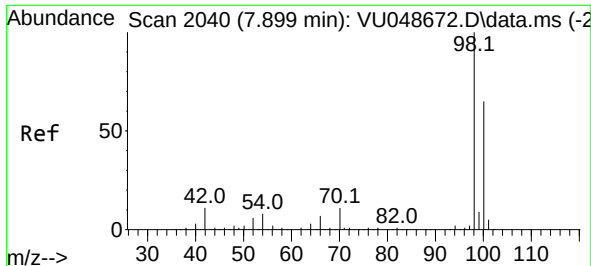
Ion Ratio Lower Upper

117 100

119 6.2 75.4 113.2#

121 0.0 24.6 36.8#

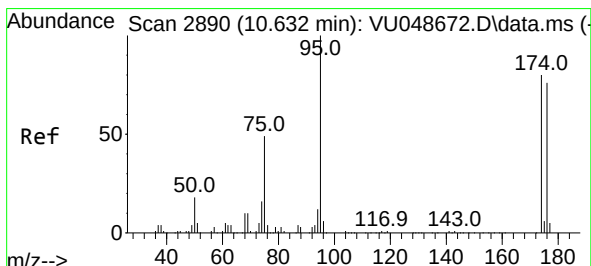
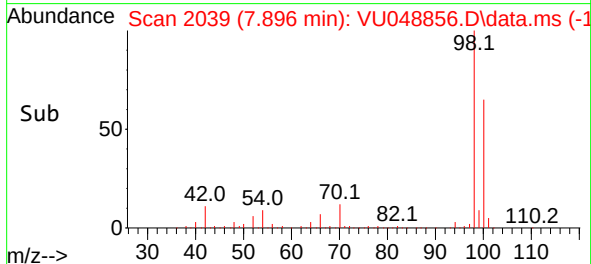
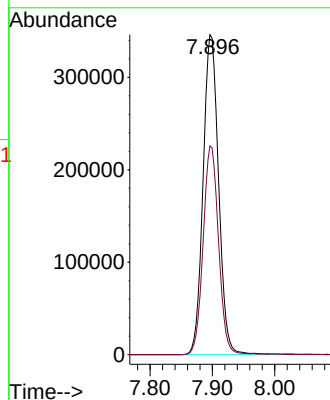
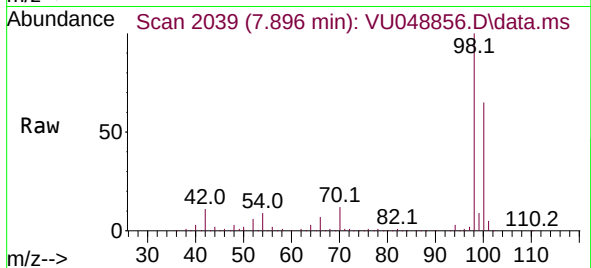




#50
Toluene-d8
Concen: 47.673 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

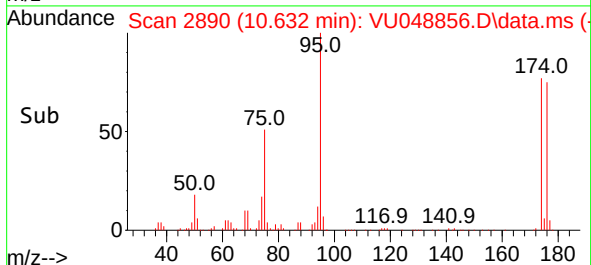
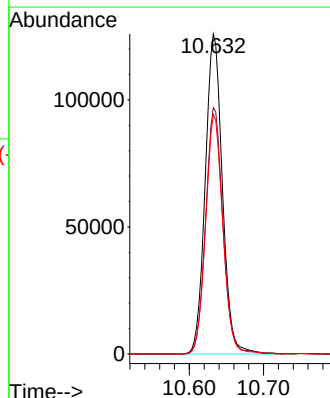
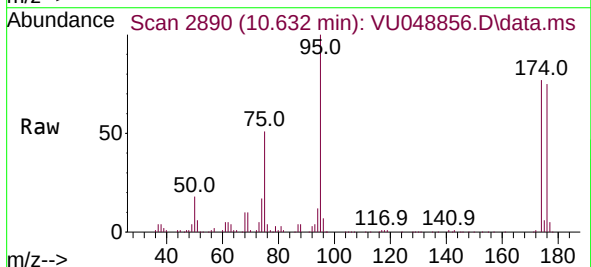
Instrument : MSVOA_U
ClientSampleId : STORAGE-BLANK-WATER-REF-4

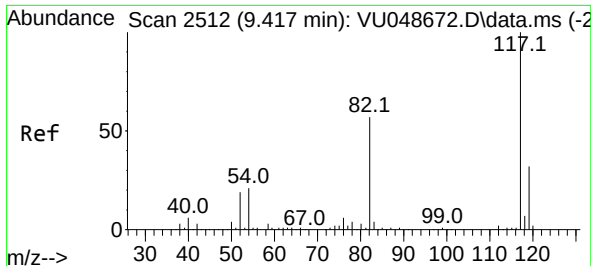
Tgt Ion: 98 Resp: 599737
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.328 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 95 Resp: 201385
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.4
176 75.1 0.0 152.4

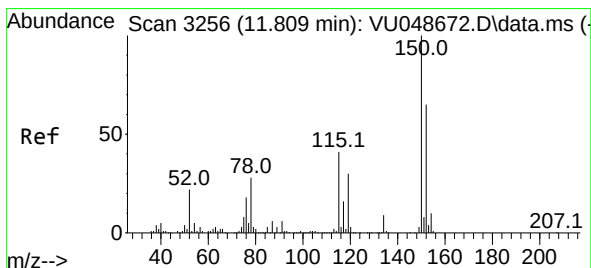
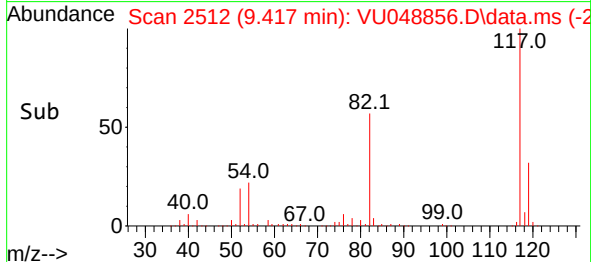
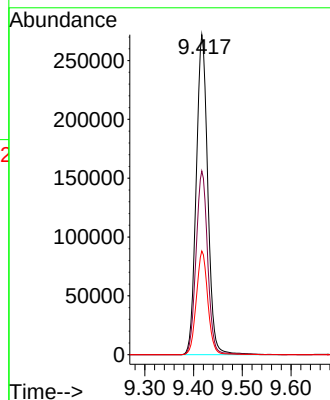
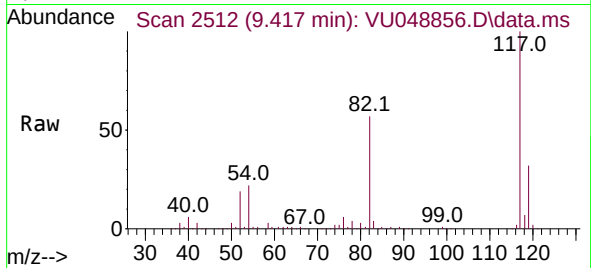




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

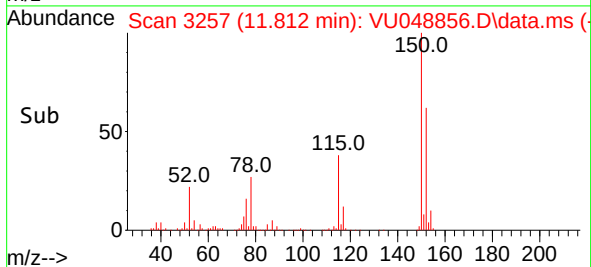
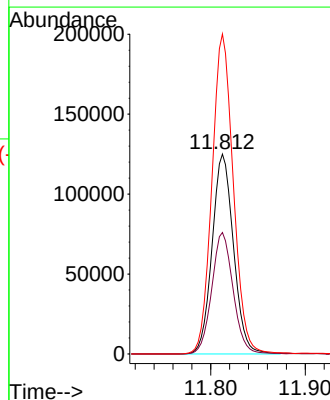
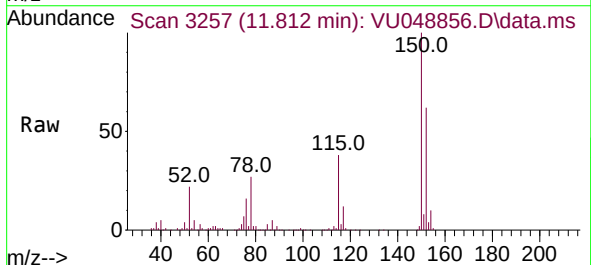
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

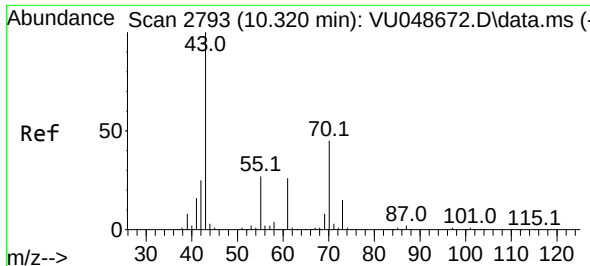
Tgt Ion:117 Resp: 447743
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion:152 Resp: 196612
Ion Ratio Lower Upper
152 100
115 60.5 41.8 125.4
150 159.8 0.0 341.0

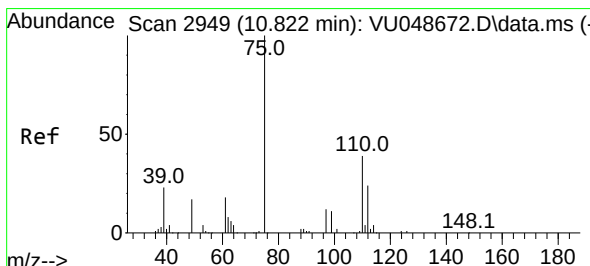
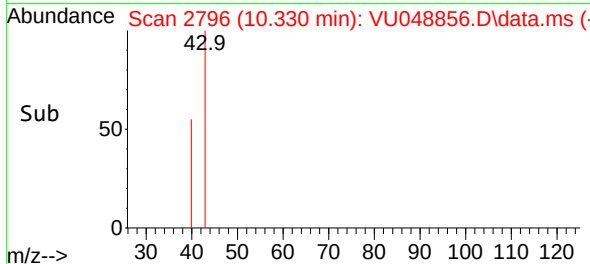
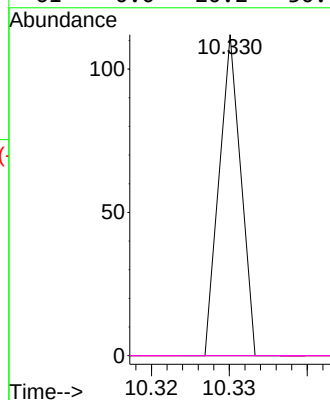
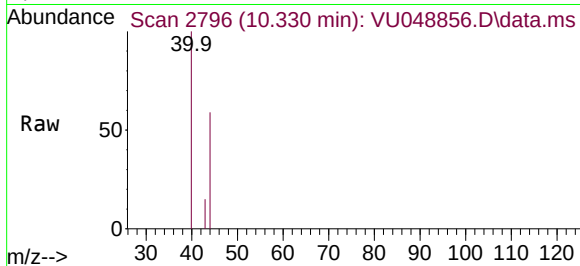




#74
N-amy1 acetate
Concen: 2.470 ug/l
RT: 10.330 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

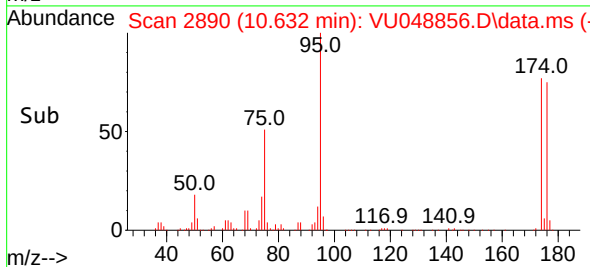
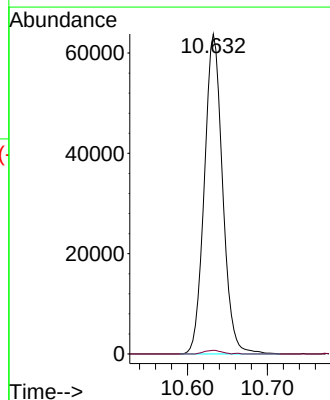
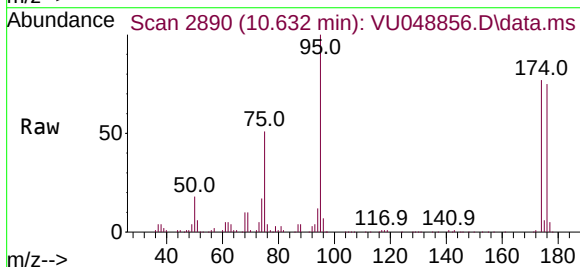
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

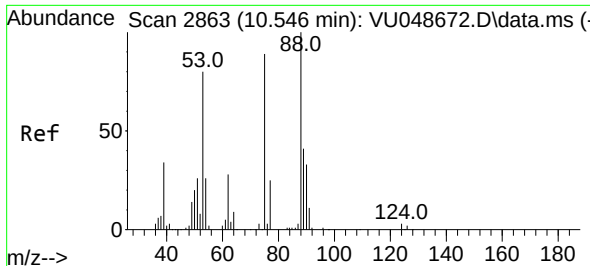
Tgt Ion: 43	Resp:	22
Ion	Ratio	Lower Upper
43	100	
70	0.0	35.8 53.6#
55	0.0	21.1 31.7#
61	0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 15.991 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 75	Resp:	101369
Ion	Ratio	Lower Upper
75	100	
77	1.1	14.8 44.3#

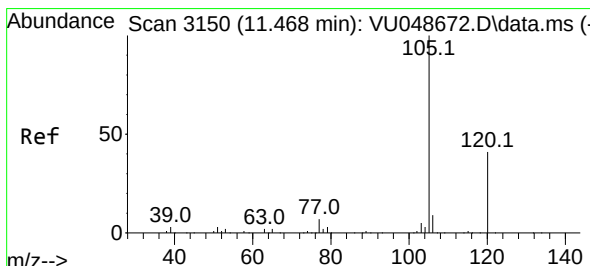
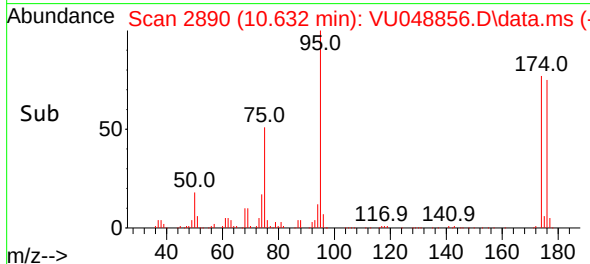
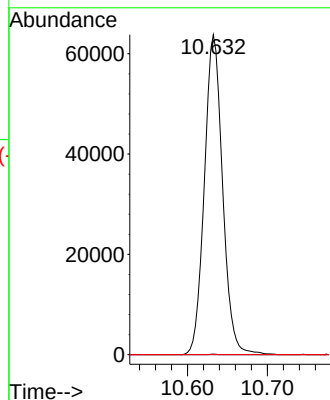
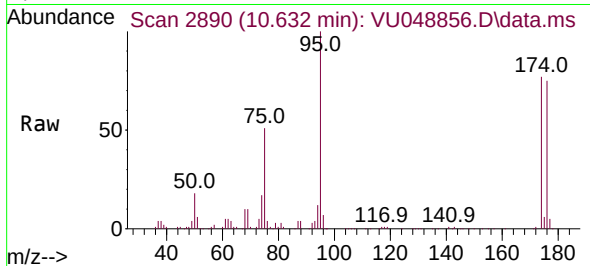




#81
trans-1,4-Dichloro-2-butene
Concen: 58.060 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

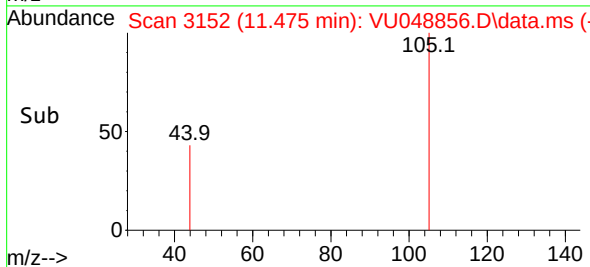
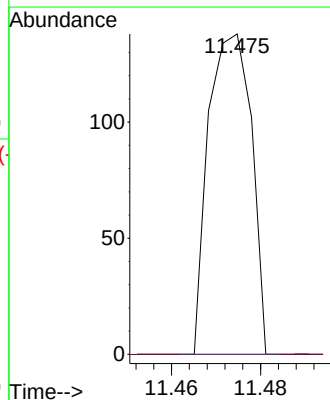
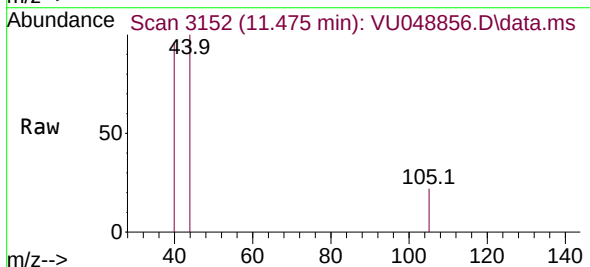
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

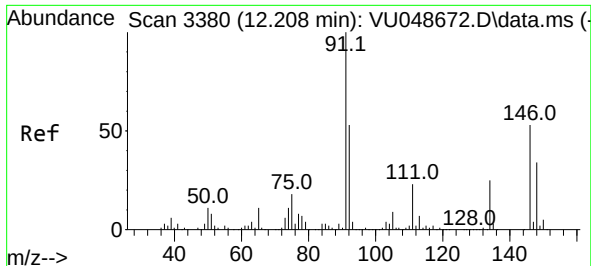
Tgt Ion: 75 Resp: 101369
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.194 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VU048856.D
Acq: 03 Jun 2022 14:42

Tgt Ion: 105 Resp: 92
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#





#89

n-Butylbenzene

Concen: 2.194 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048856.D

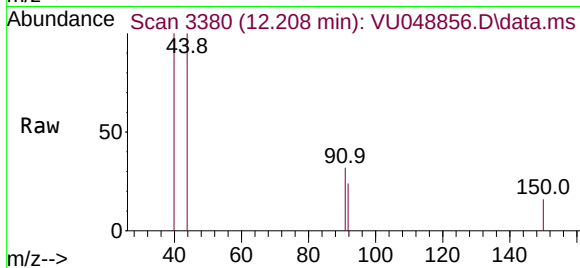
Acq: 03 Jun 2022 14:42

Instrument :

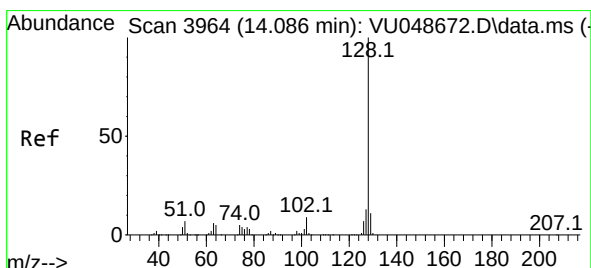
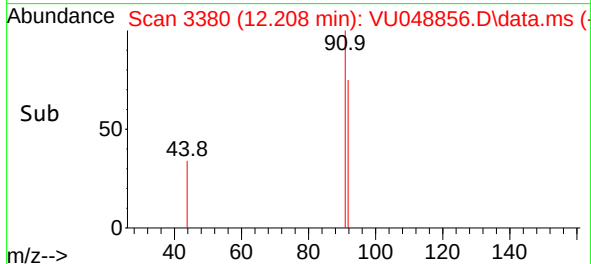
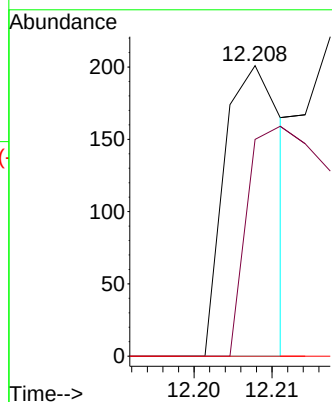
MSVOA_U

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:	91	Resp:	104
Ion	Ratio	Lower	Upper
91	100		
92	155.8	25.9	77.8#
134	0.0	12.5	37.5#



#95

Naphthalene

Concen: 2.884 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VU048856.D

Acq: 03 Jun 2022 14:42

Tgt Ion:	128	Resp:	5723
Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.2	15.4
129	11.0	8.7	13.1

