

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
 Data File : VD068329.D
 Acq On : 09 Feb 2021 12:14
 Operator : VA/SY
 Sample : VD0209SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 10 00:16:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

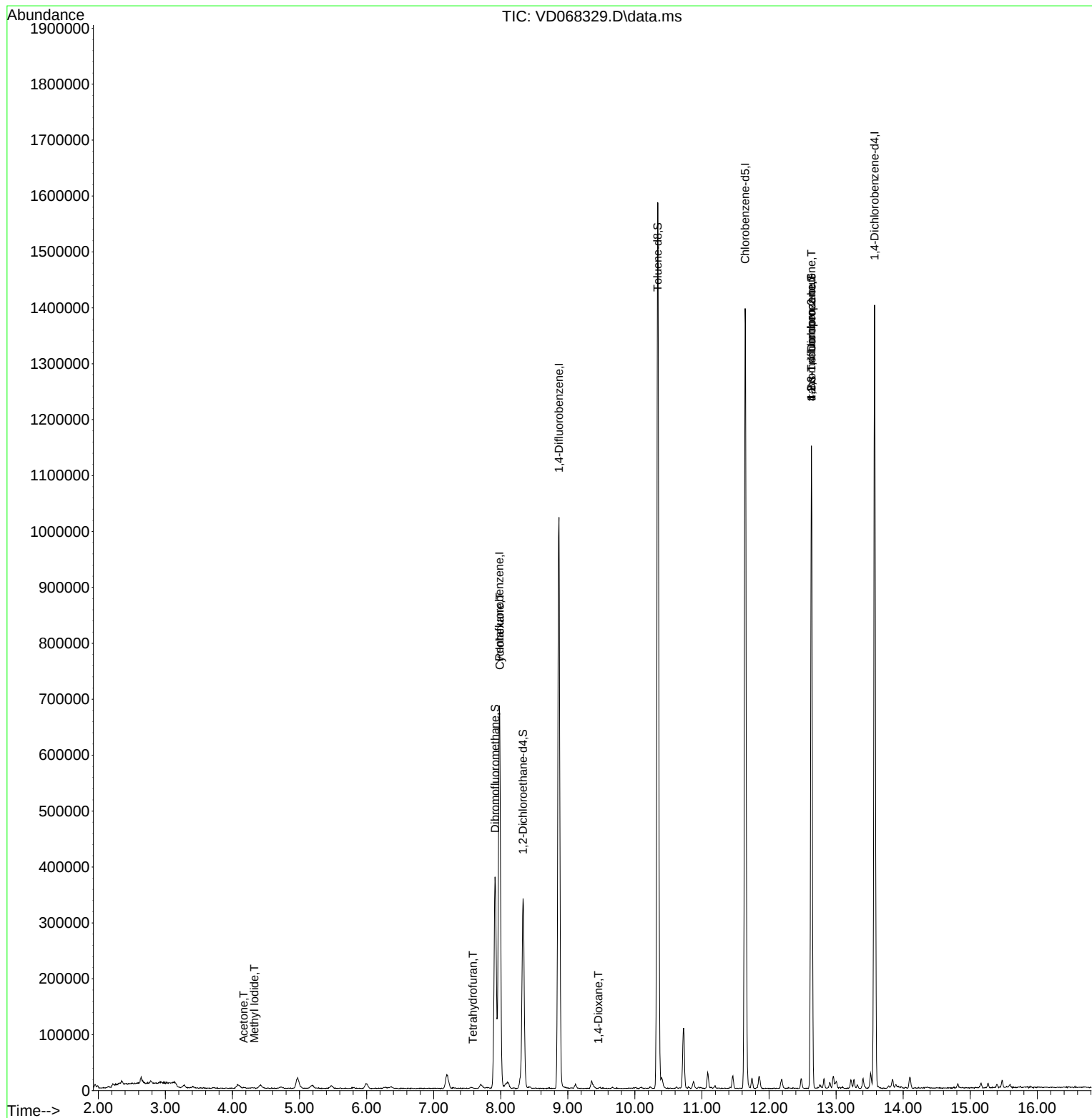
Internal Standards						
1) Pentafluorobenzene	7.979	168	514748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	931054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	838975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	371186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	269505	54.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.46%
35) Dibromofluoromethane	7.914	113	274406	53.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.62%
50) Toluene-d8	10.338	98	1156331	56.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.32%
62) 4-Bromofluorobenzene	12.632	95	367260	49.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.06%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.326	142	2093	3.47	ug/l #	56
11) Tert butyl alcohol	5.173	59	2521	Below Cal	#	74
16) Acetone	4.168	43	2915	3.32	ug/l #	83
20) Methylene Chloride	4.973	84	14560	Below Cal	#	91
29) Tetrahydrofuran	7.585	42	1137	1.32	ug/l #	51
31) Cyclohexane	7.985	56	15826	1.48	ug/l #	28
49) 1,4-Dioxane	9.455	88	55	1.44	ug/l #	30
76) 1,2,3-Trichloropropane	12.632	75	189160	52.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	189160	106.65	ug/l #	13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068329.D
Acq On : 09 Feb 2021 12:14
Operator : VA/SY
Sample : VD0209SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 10 00:16:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

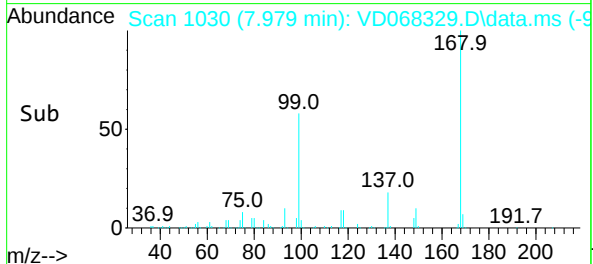
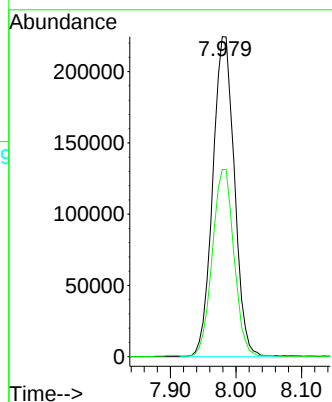
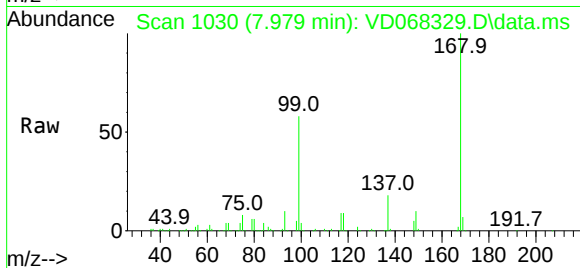




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

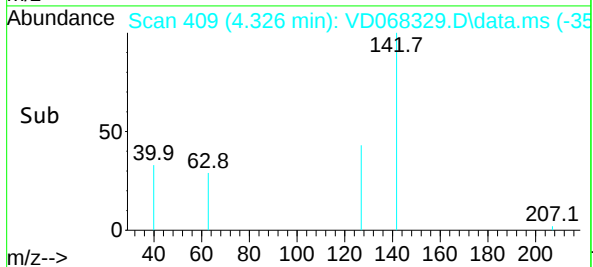
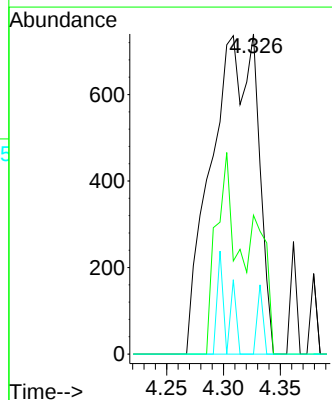
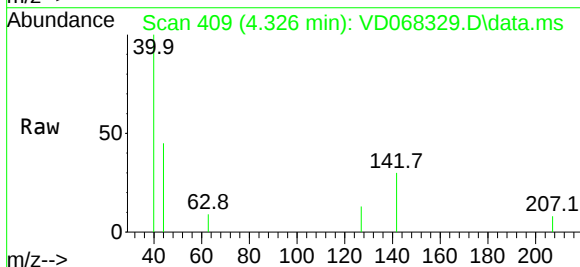
Instrument :
MSVOA_D
ClientSampleId :

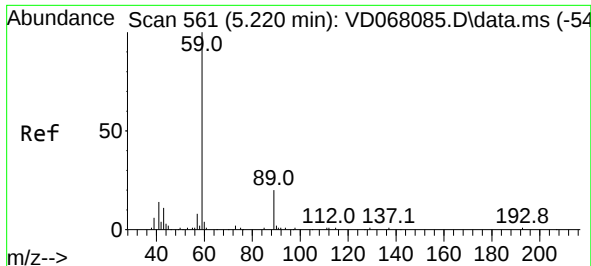
Tgt Ion:168 Resp: 514748
Ion Ratio Lower Upper
168 100
99 58.2 43.5 65.3



#10
Methyl Iodide
Concen: 3.47 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.018 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

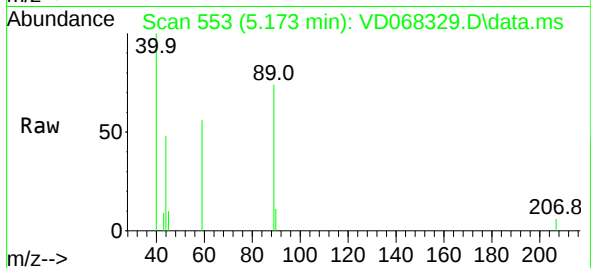
Tgt Ion:142 Resp: 2093
Ion Ratio Lower Upper
142 100
127 14.5 37.9 56.9#
141 2.7 11.5 17.3#



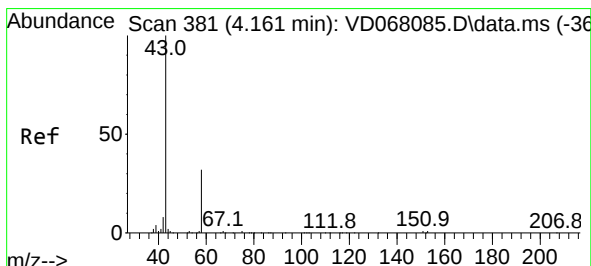
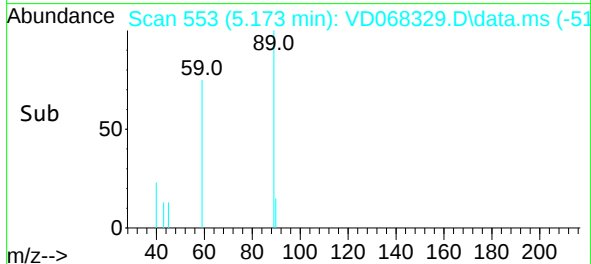
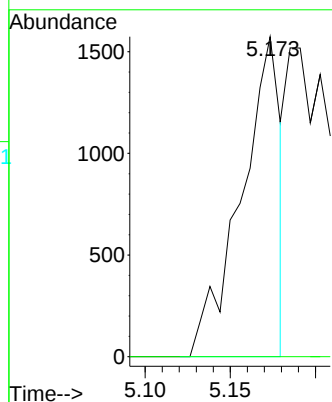


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Instrument :
MSVOA_D
ClientSampled :

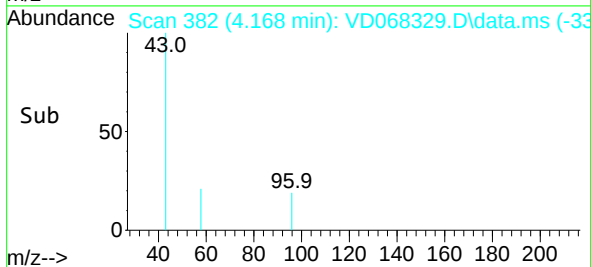
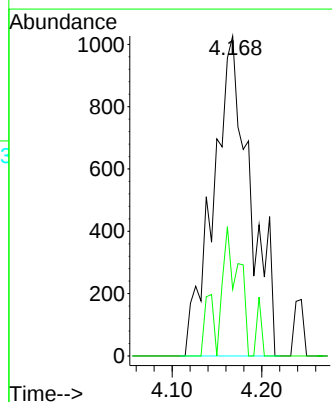
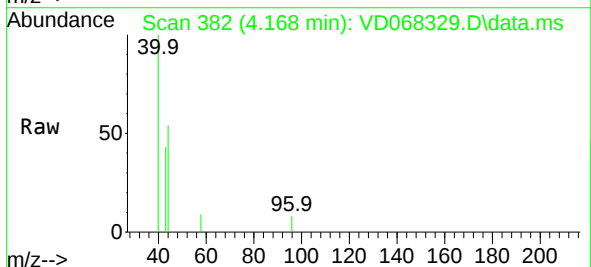


Tgt Ion: 59 Resp: 2521
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 3.32 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
58 20.8 24.2 36.4#

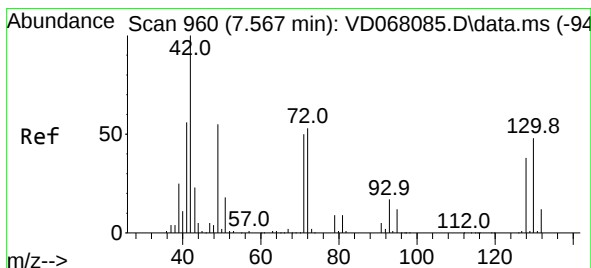
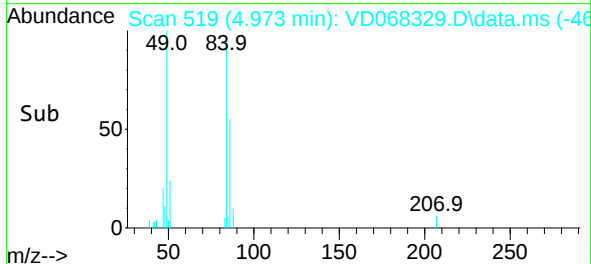
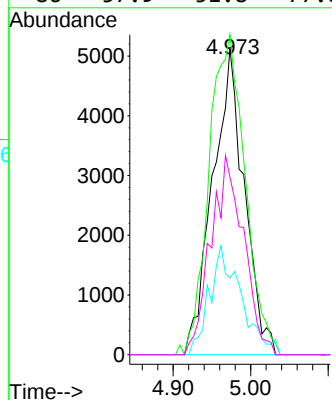
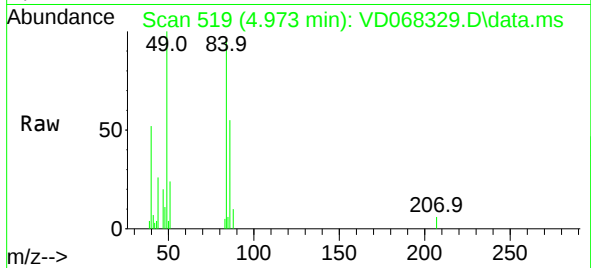




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

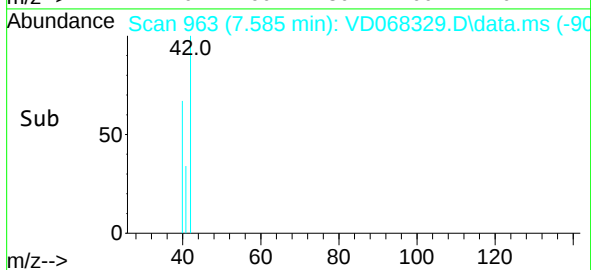
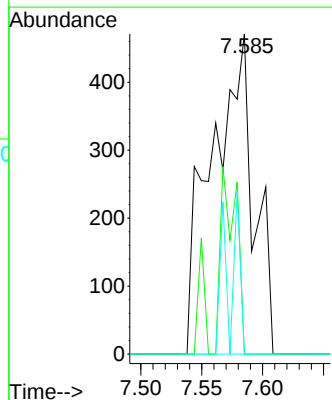
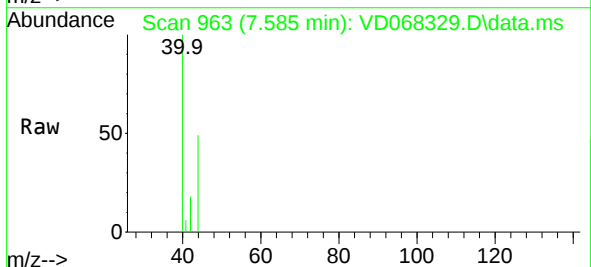
Instrument :
MSVOA_D
ClientSampleId :

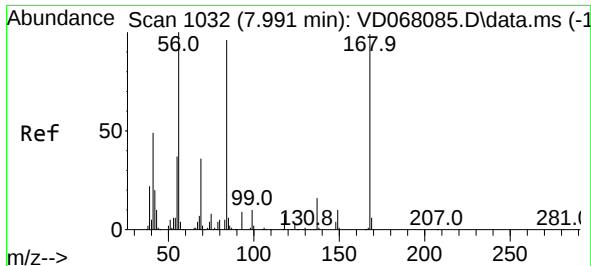
Tgt Ion:	84	Resp:	14560
Ion	Ratio	Lower	Upper
84	100		
49	104.5	77.4	116.2
51	25.1	26.1	39.1#
86	57.9	51.8	77.8



#29
Tetrahydrofuran
Concen: 1.32 ug/l
RT: 7.585 min Scan# 963
Delta R.T. 0.018 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion:	42	Resp:	1137
Ion	Ratio	Lower	Upper
42	100		
72	21.6	43.4	65.0#
71	14.3	40.8	61.2#

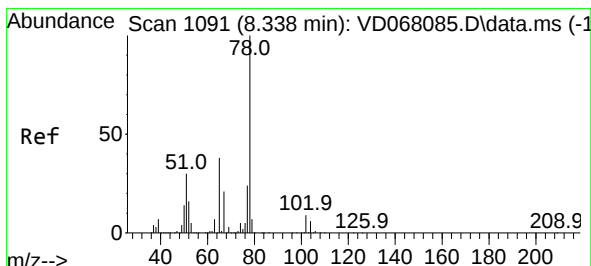
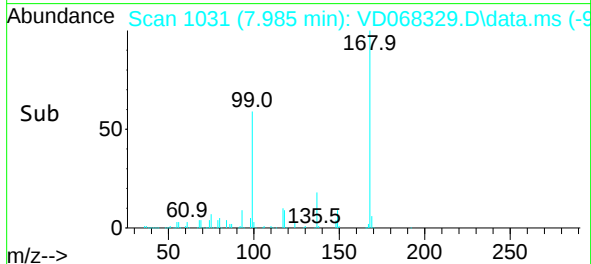
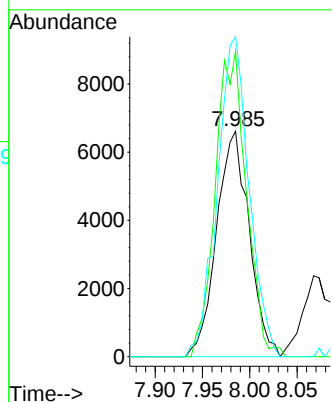
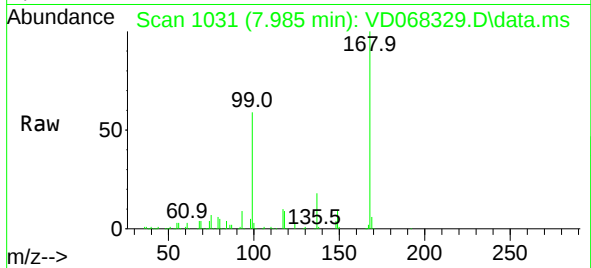




#31
Cyclohexane
Concen: 1.48 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

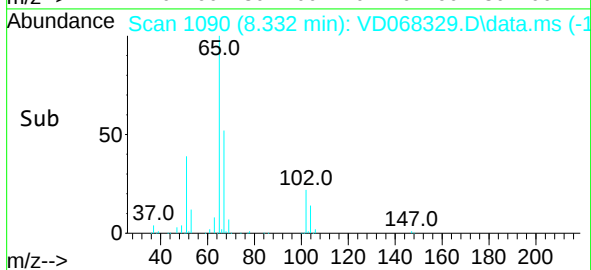
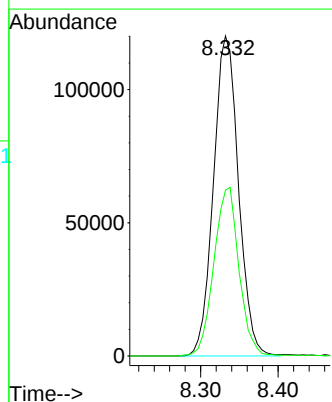
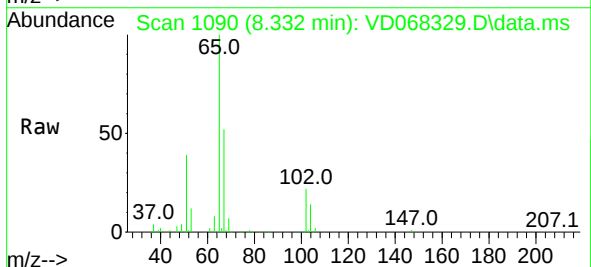
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 56 Resp: 15826
Ion Ratio Lower Upper
56 100
69 135.4 30.1 45.1#
84 141.9 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 54.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion: 65 Resp: 269505
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068329.D

Acq: 09 Feb 2021 12:14

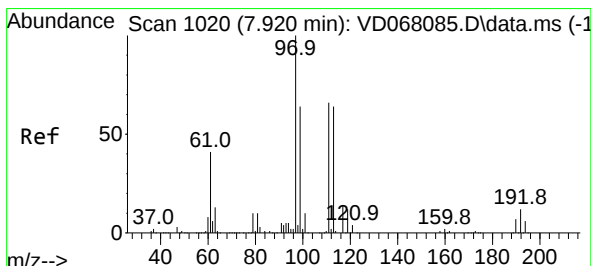
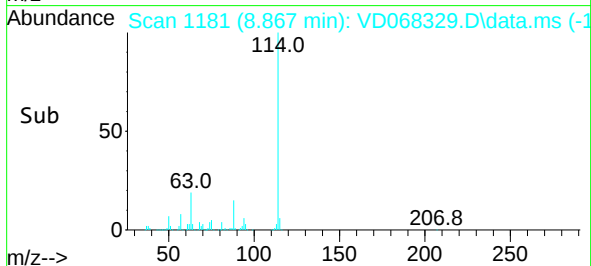
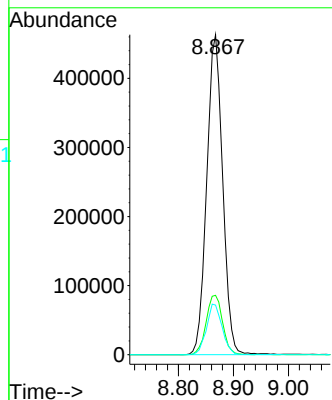
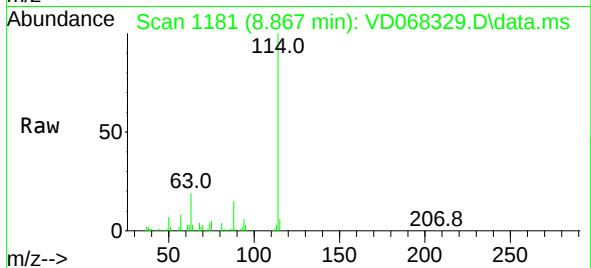
Tgt Ion:114 Resp: 931054

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

88 15.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 53.31 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068329.D

Acq: 09 Feb 2021 12:14

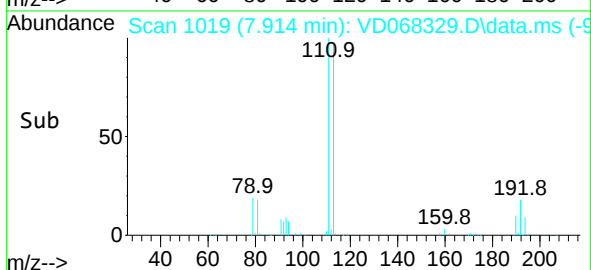
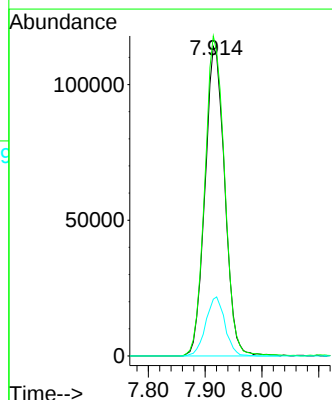
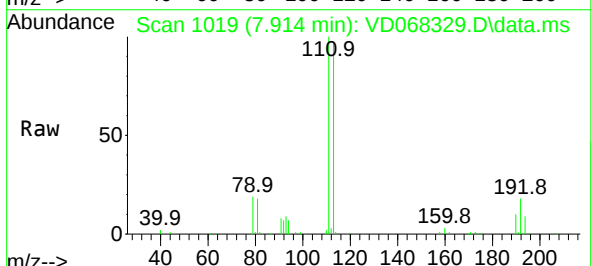
Tgt Ion:113 Resp: 274406

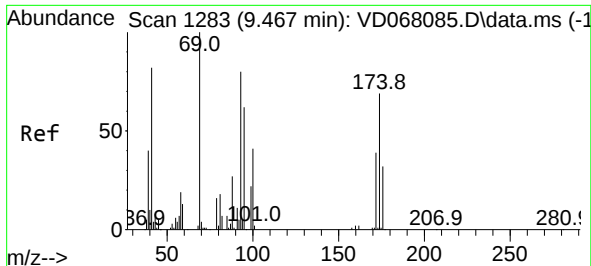
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 18.6 16.1 24.1

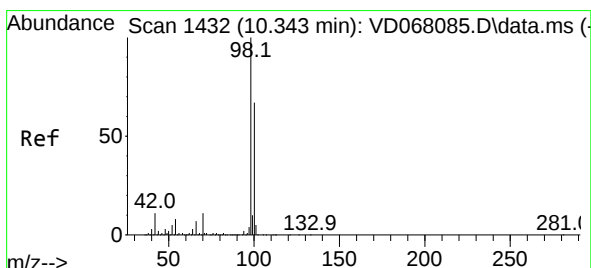
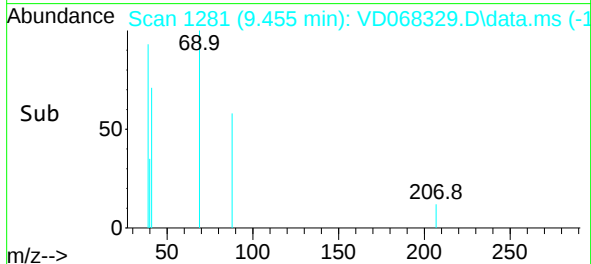
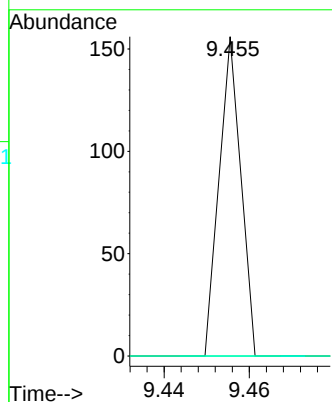
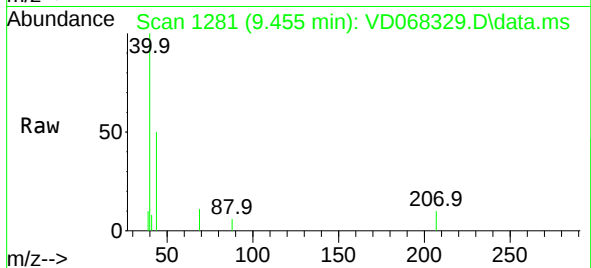




#49
1,4-Dioxane
Concen: 1.44 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.011 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

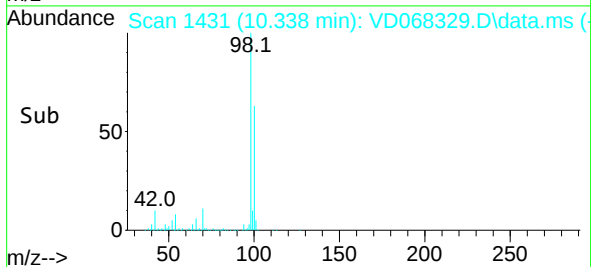
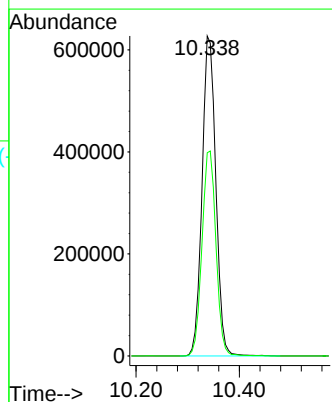
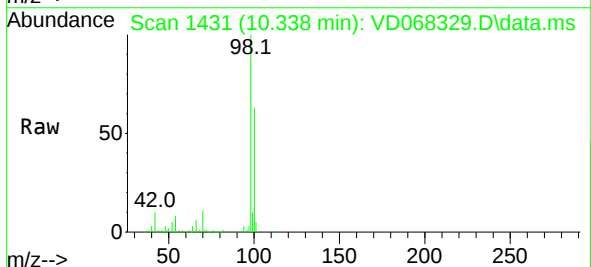
Instrument :
MSVOA_D
ClientSampleId :

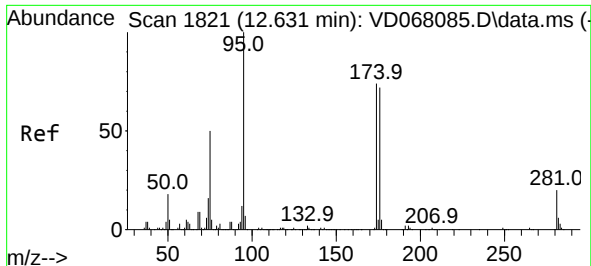
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 0.0 46.7 70.1#



#50
Toluene-d8
Concen: 56.16 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion: 98 Resp: 1156331
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4

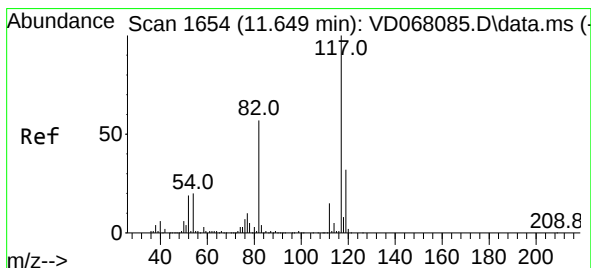
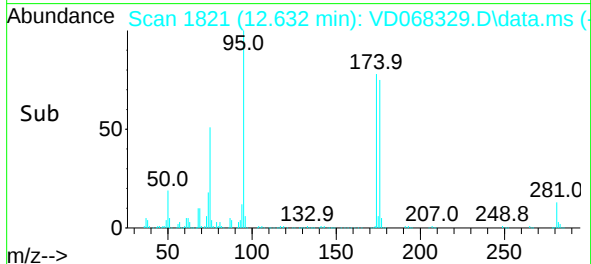
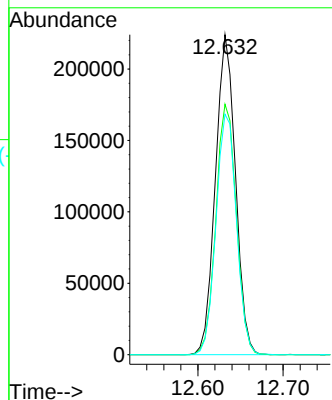
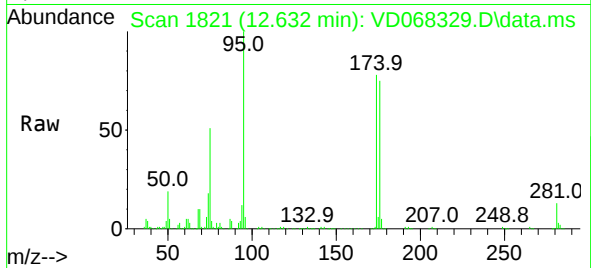




#62
4-Bromofluorobenzene
Concen: 49.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

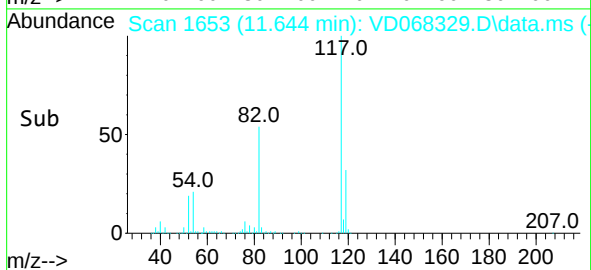
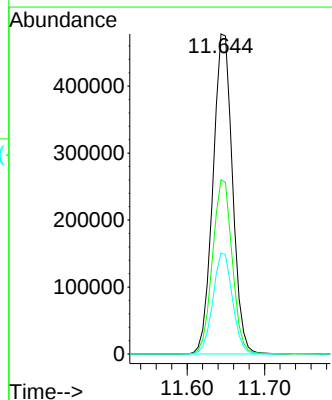
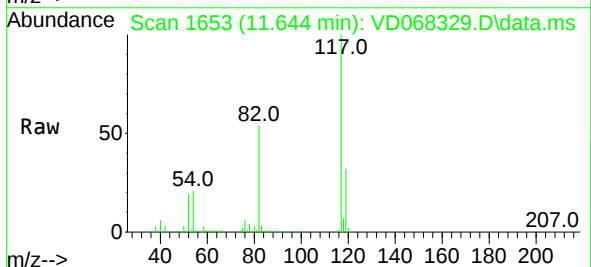
Instrument :
MSVOA_D
ClientSampled :

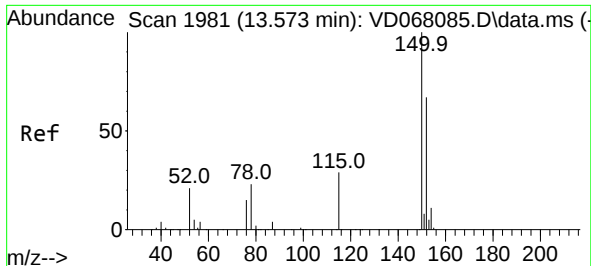
Tgt Ion: 95 Resp: 367260
Ion Ratio Lower Upper
95 100
174 79.8 0.0 172.4
176 76.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

Tgt Ion: 117 Resp: 838975
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.0
119 31.6 26.1 39.1

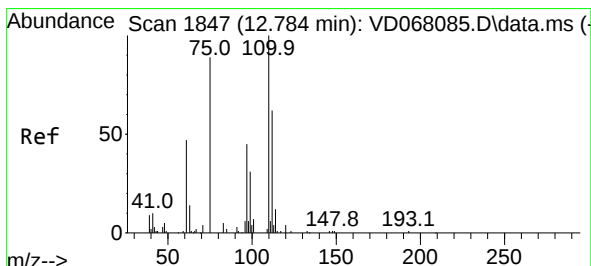
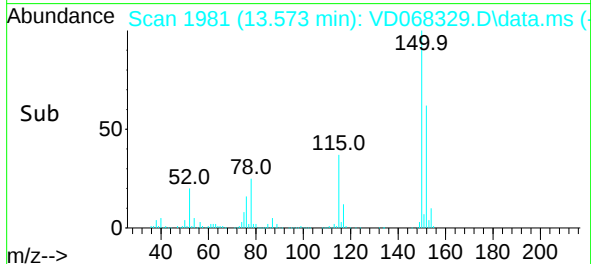
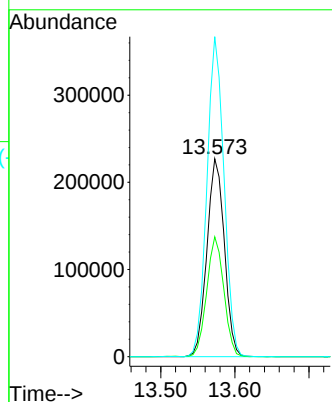
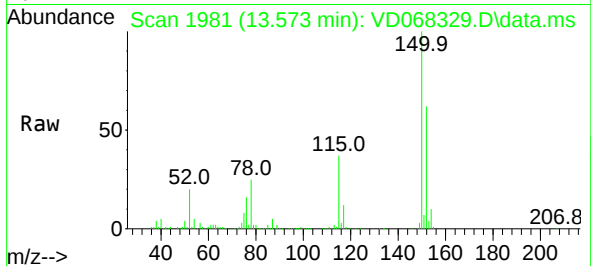




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

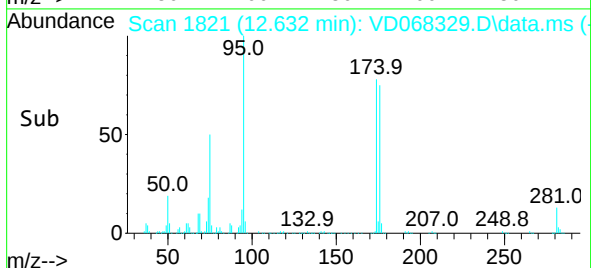
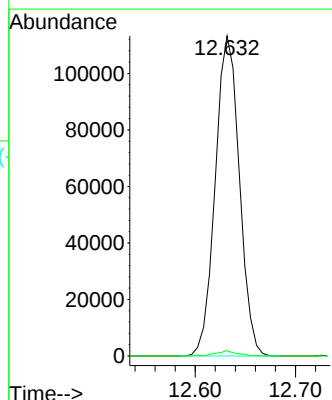
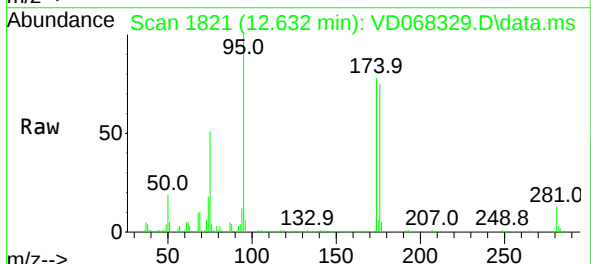
Instrument :
MSVOA_D
ClientSampleId :

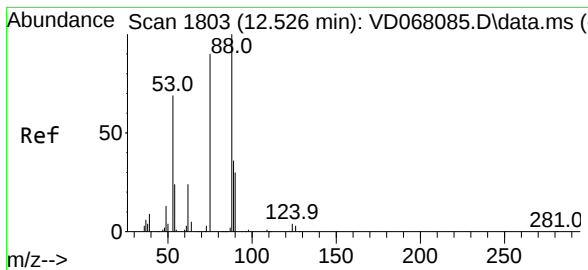
Tgt Ion:152 Resp: 371186
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 158.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068329.D
Acq: 09 Feb 2021 12:14

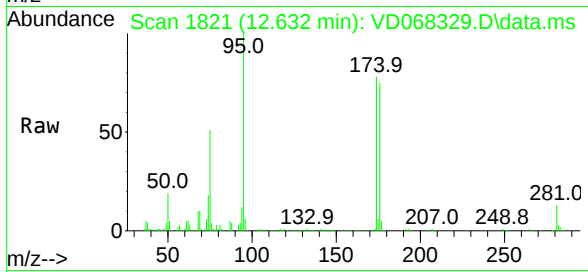
Tgt Ion: 75 Resp: 189160
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.65 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068329.D
 Acq: 09 Feb 2021 12:14

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 189160
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

