

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005019.D
 Acq On : 08 Jun 2021 13:53
 Operator : SY/MD
 Sample : M2625-10
 Misc : 12.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:49:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

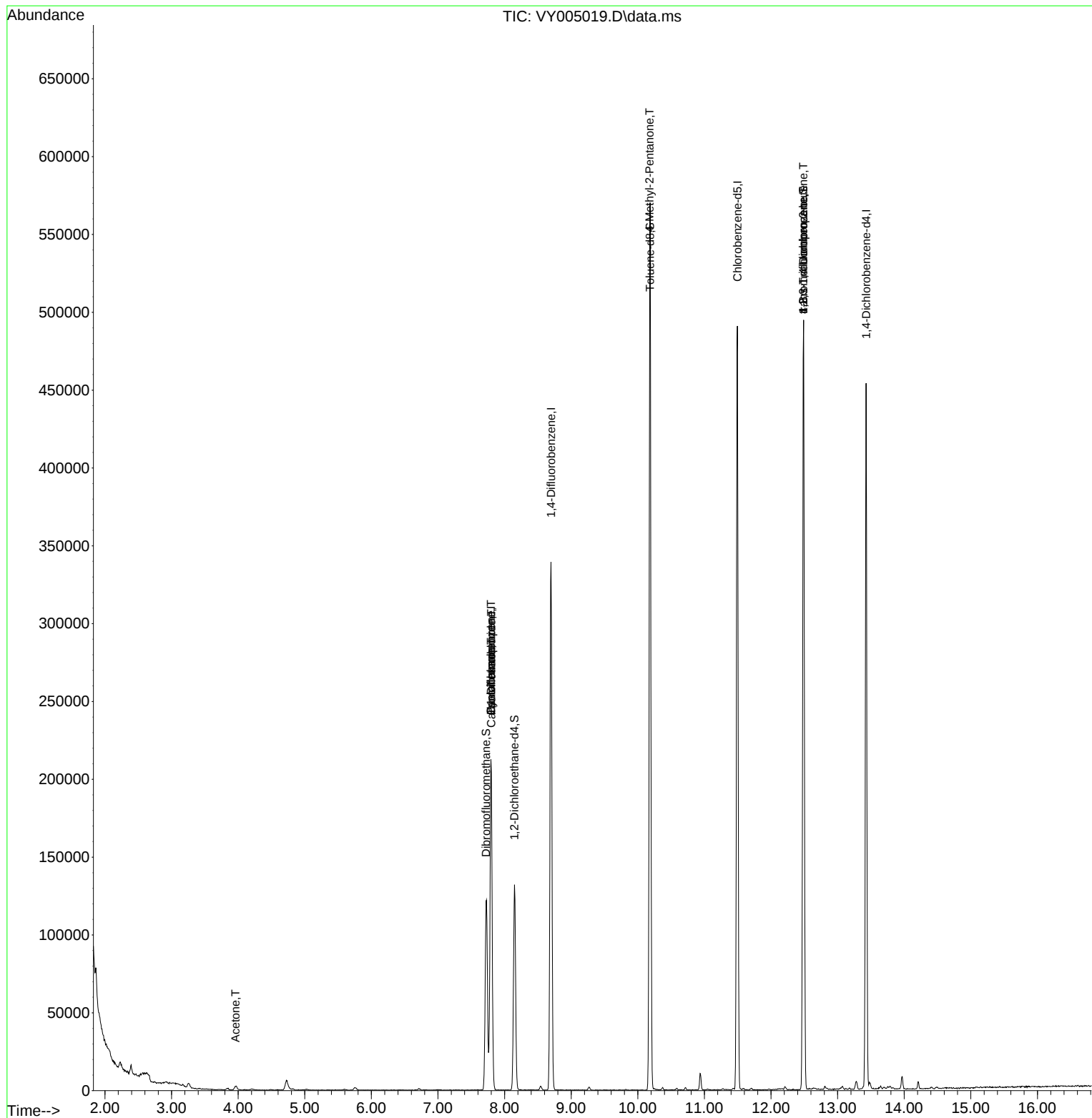
Internal Standards						
1) Pentafluorobenzene	7.795	168	160675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100473	59.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.300%	
35) Dibromofluoromethane	7.722	113	88479	56.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.360%	
50) Toluene-d8	10.185	98	361771	55.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.483	95	110290	49.462	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.920%	
Target Compounds						
					Qvalue	
13) Acrolein	3.735	56	30	Below Cal	#	15
16) Acetone	3.960	43	4793	11.722	ug/l #	81
20) Methylene Chloride	4.729	84	4566	Below Cal	#	83
31) Cyclohexane	7.795	56	3790	1.267	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12756	4.492	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16245	6.573	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1957	1.113	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	60388	50.824	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60388	93.403	ug/l #	15

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

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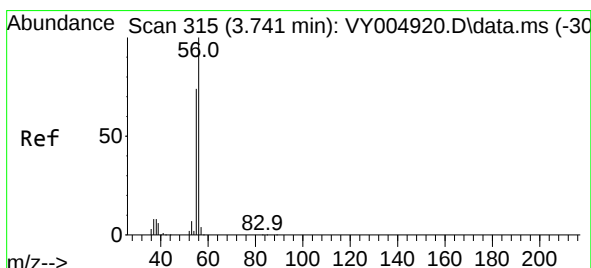
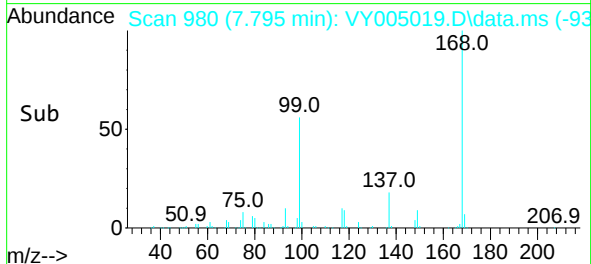
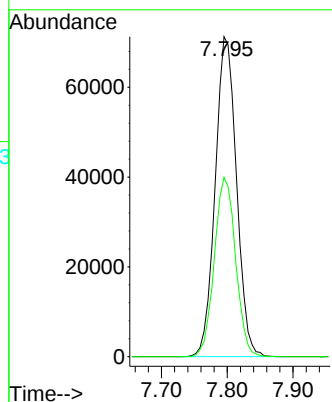
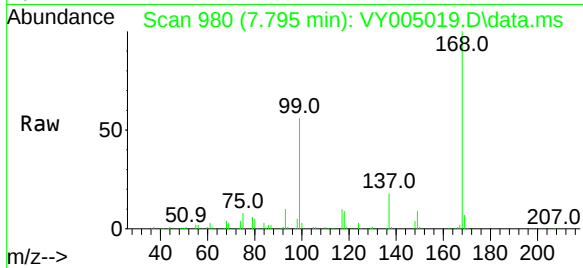




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

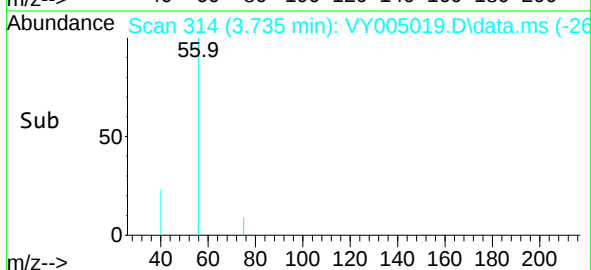
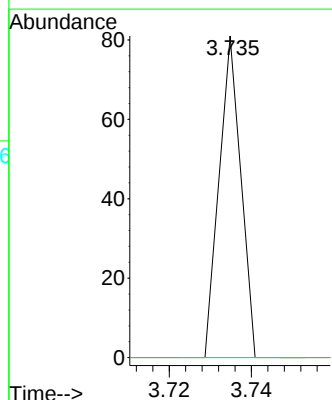
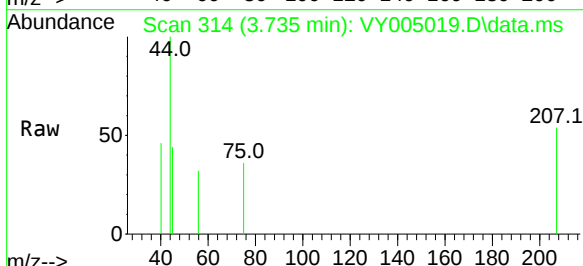
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 160675
Ion Ratio Lower Upper
168 100
99 56.1 43.9 65.9



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

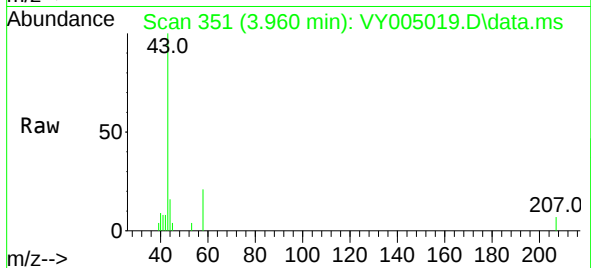
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



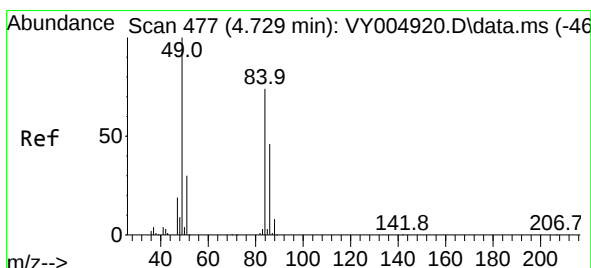
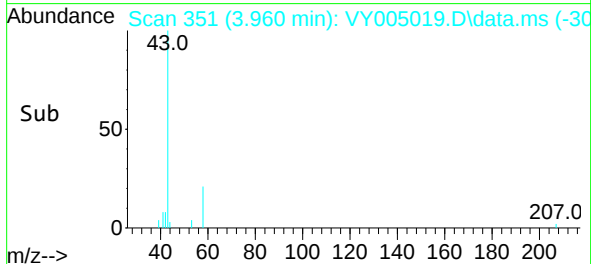
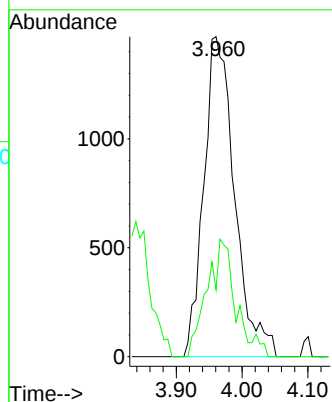


#16
Acetone
Concen: 11.722 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

Instrument :
MSVOA_Y
ClientSampleId :

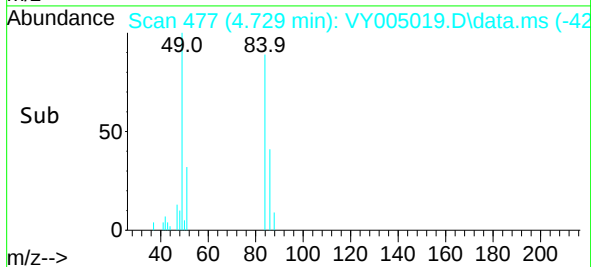
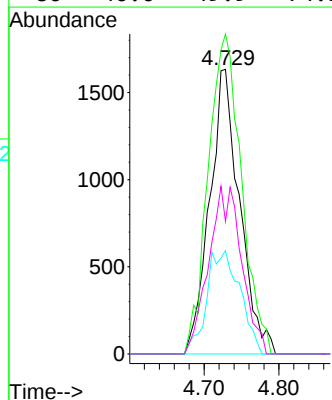
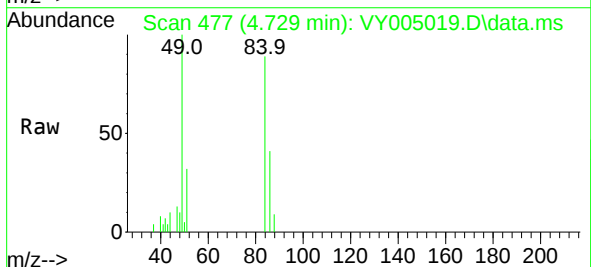


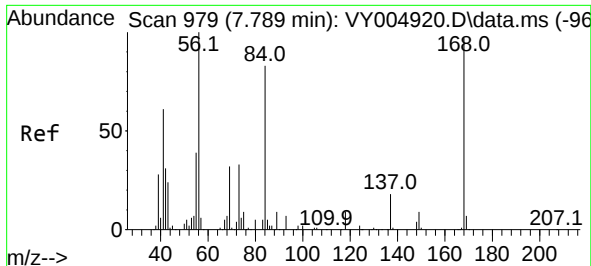
Tgt Ion: 43 Resp: 4793
Ion Ratio Lower Upper
43 100
58 20.9 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

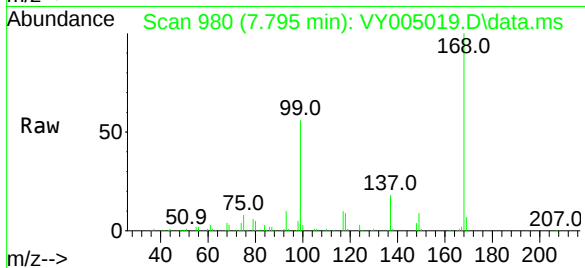
Tgt Ion: 84 Resp: 4566
Ion Ratio Lower Upper
84 100
49 112.4 108.0 162.0
51 36.3 32.6 48.8
86 46.6 49.9 74.9#



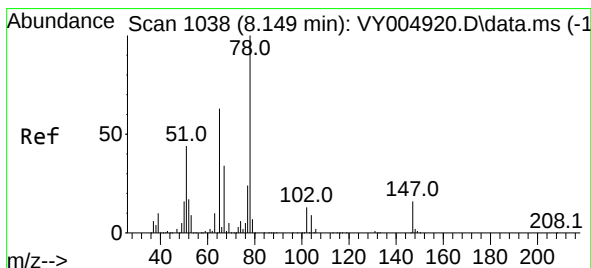
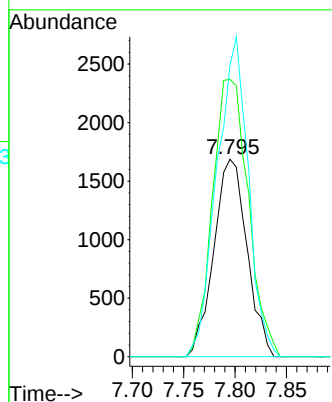
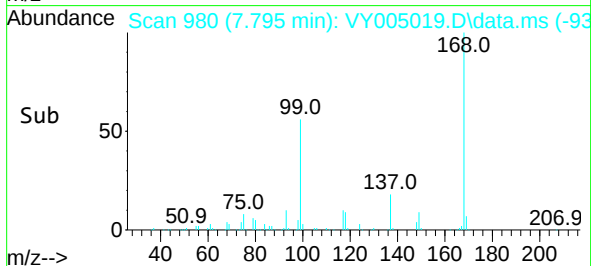


#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

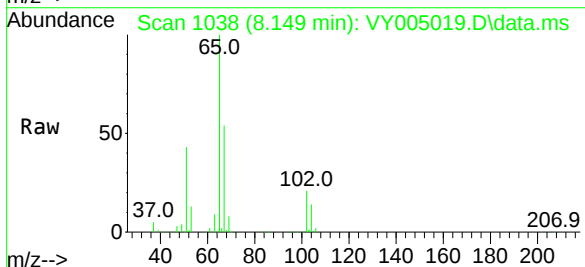
Instrument :
MSVOA_Y
ClientSampleId :



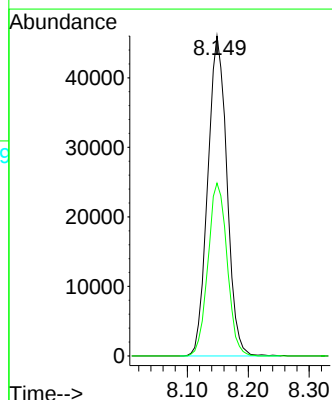
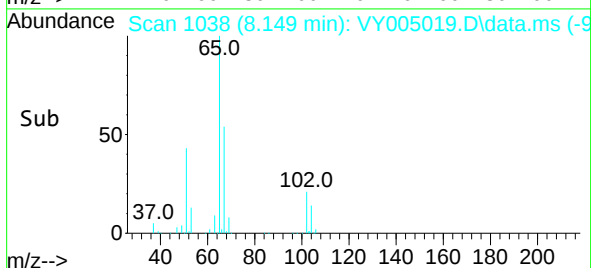
Tgt Ion: 56 Resp: 3790
Ion Ratio Lower Upper
56 100
69 140.4 25.3 37.9#
84 147.2 66.2 99.4#

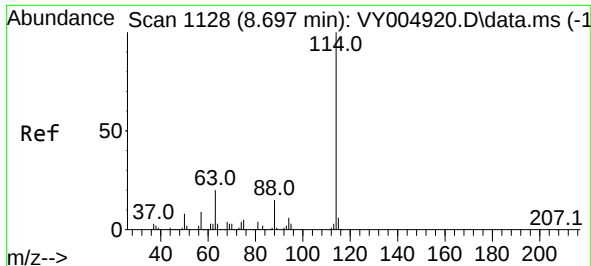


#33
1,2-Dichloroethane-d4
Concen: 59.150 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53



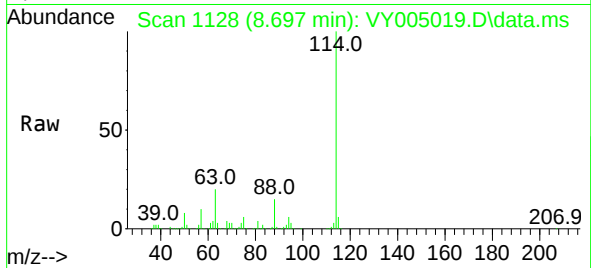
Tgt Ion: 65 Resp: 100473
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6



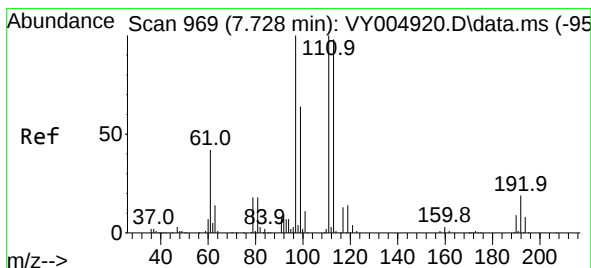
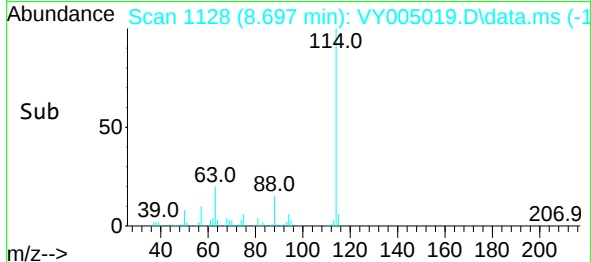
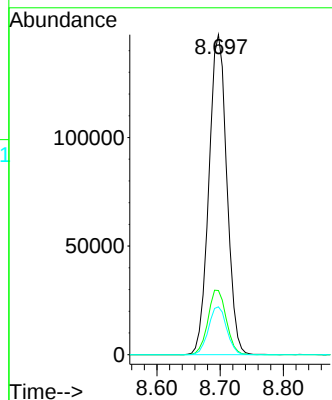


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

Instrument :
MSVOA_Y
ClientSampled :

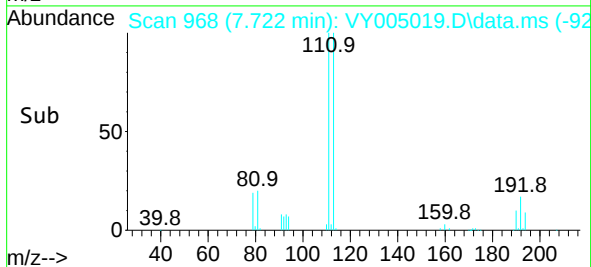
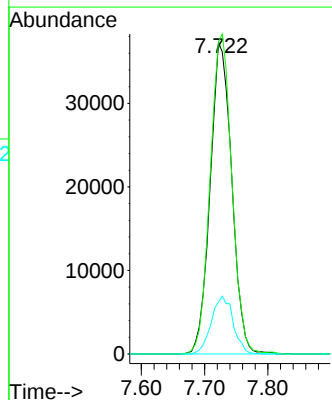
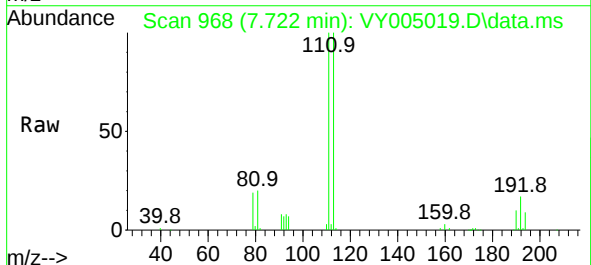


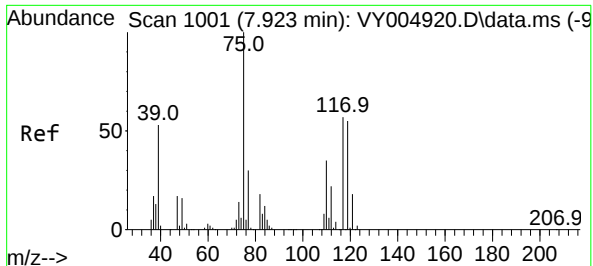
Tgt Ion:114 Resp: 290163
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.0
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.677 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

Tgt Ion:113 Resp: 88479
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 18.7 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.492 ug/l

RT: 7.795 min Scan# 980

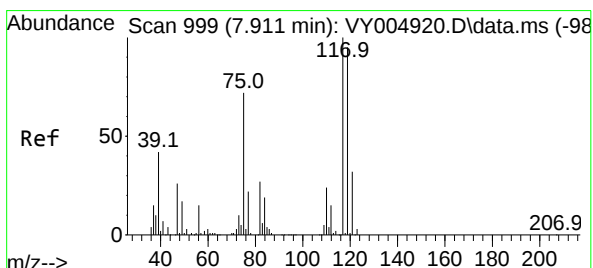
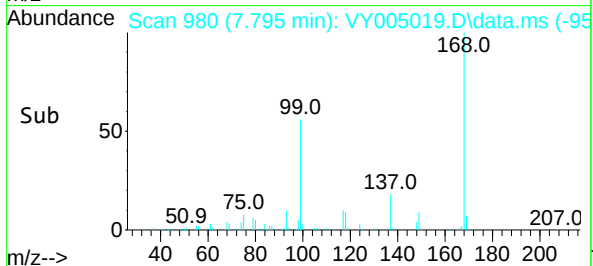
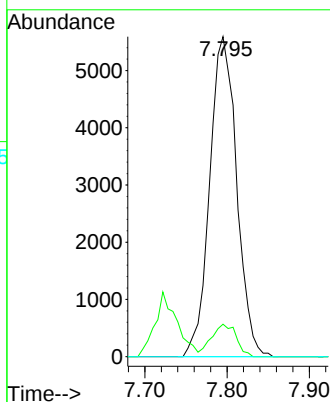
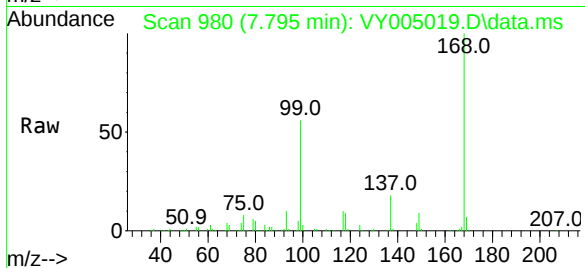
Delta R.T. -0.128 min

Lab File: VY005019.D

Acq: 08 Jun 2021 13:53

Tgt Ion:	75	Resp:	12756
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.5	52.5#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.573 ug/l

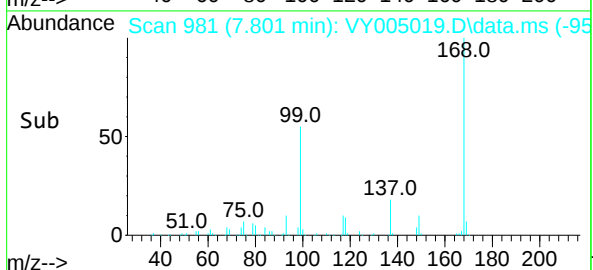
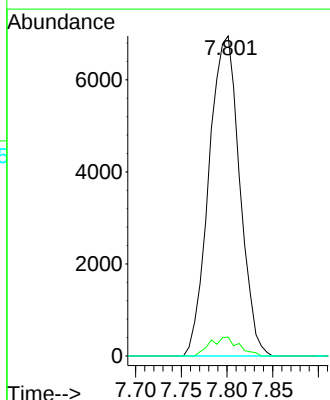
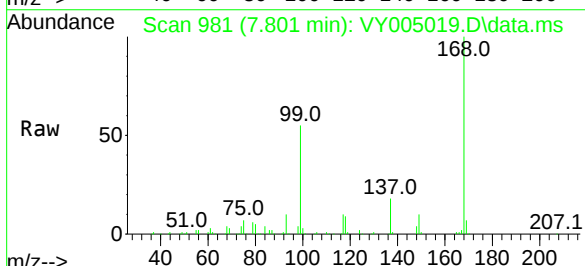
RT: 7.801 min Scan# 981

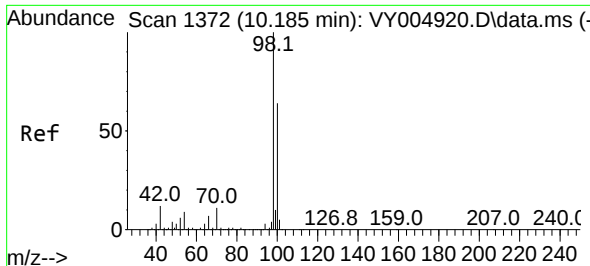
Delta R.T. -0.110 min

Lab File: VY005019.D

Acq: 08 Jun 2021 13:53

Tgt Ion:	117	Resp:	16245
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.1	114.1#
121	0.0	25.5	38.3#

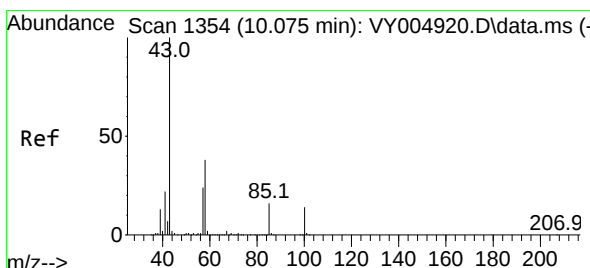
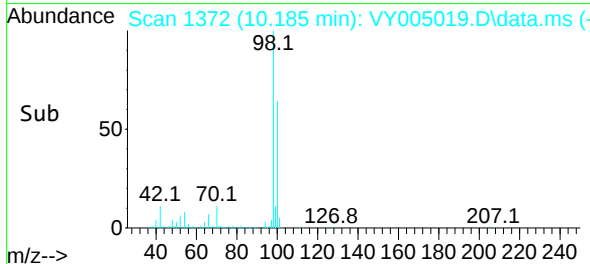
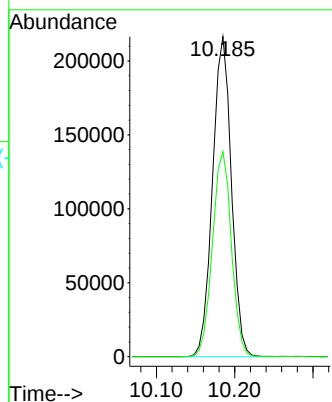
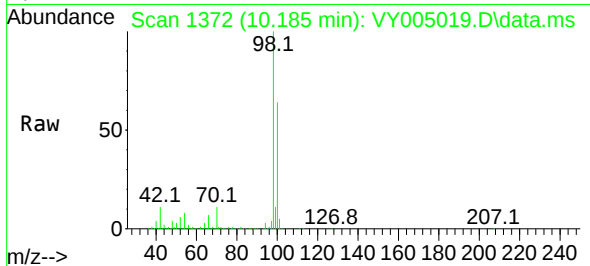




#50
Toluene-d8
Concen: 55.799 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

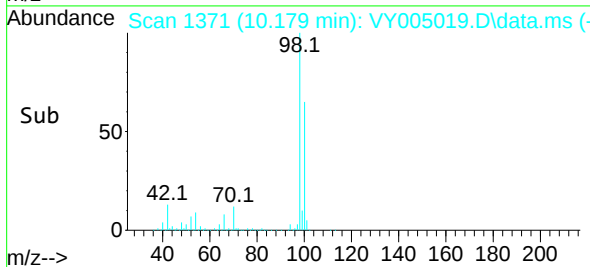
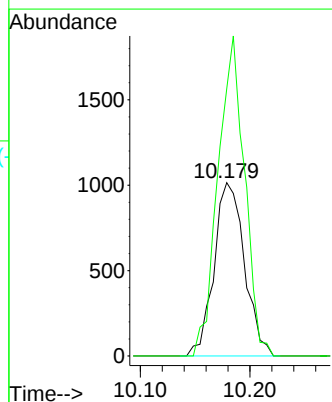
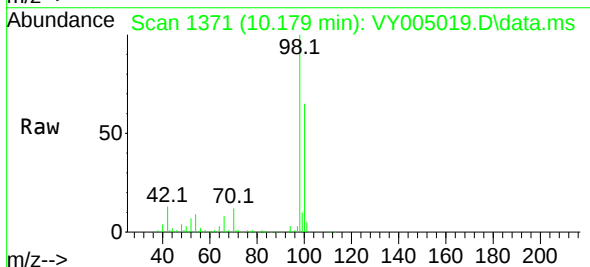
Instrument :
MSVOA_Y
ClientSampled :

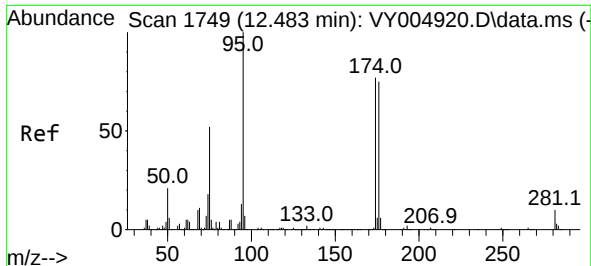
Tgt Ion: 98 Resp: 361771
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.113 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
58 161.7 30.6 46.0#

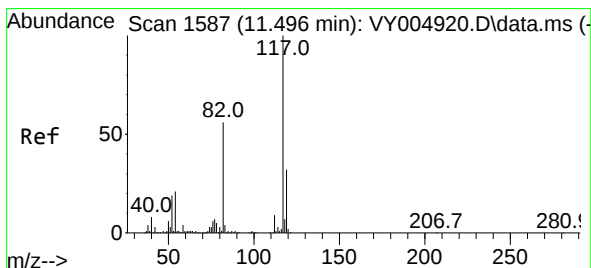
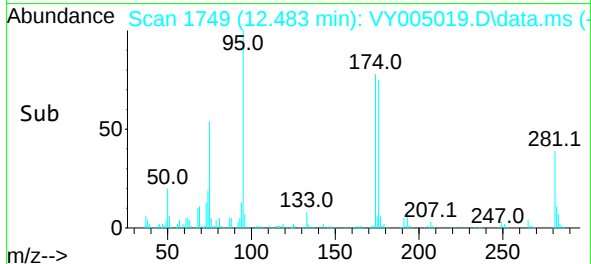
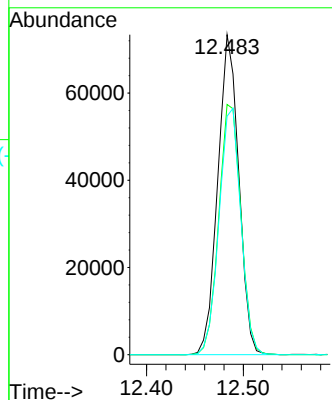
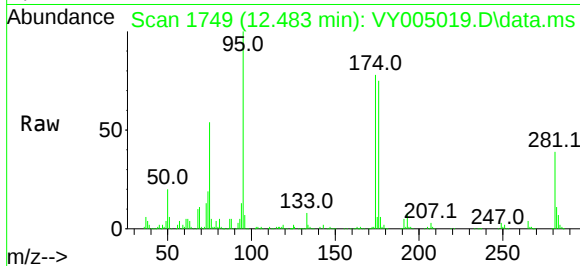




#62
4-Bromofluorobenzene
Concen: 49.462 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

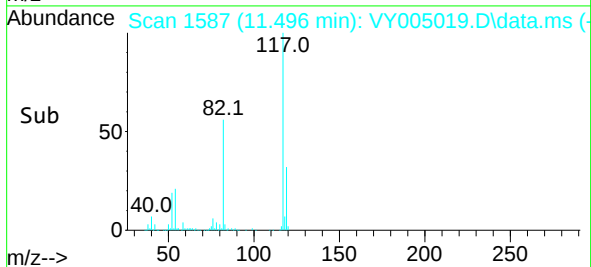
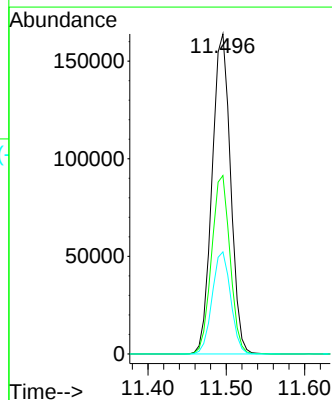
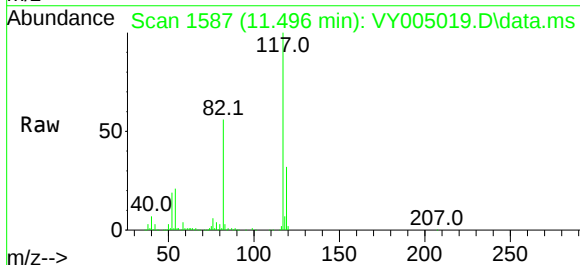
Instrument :
MSVOA_Y
ClientSampleId :

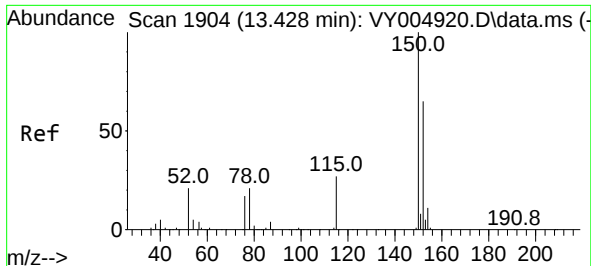
Tgt Ion: 95 Resp: 110290
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.8
176 80.3 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 117 Resp: 268595
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 31.9 25.2 37.8

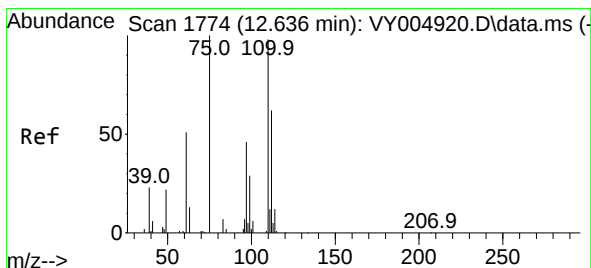
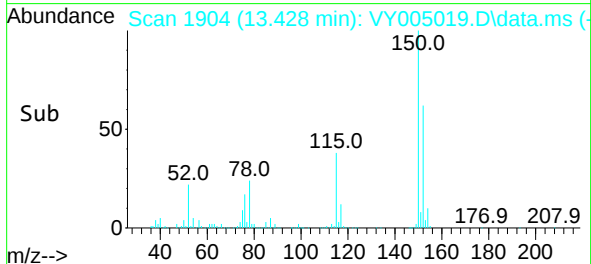
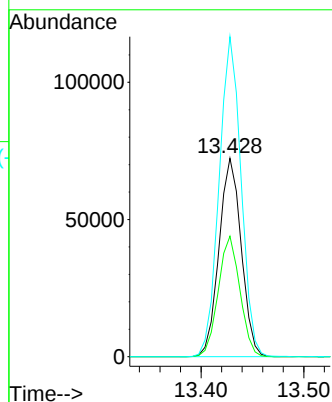
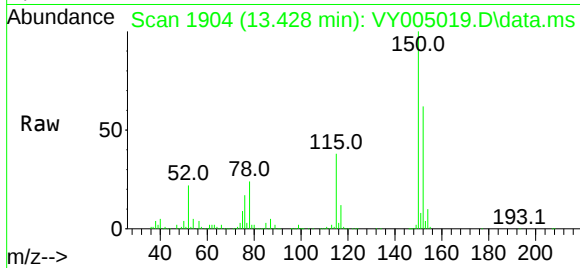




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

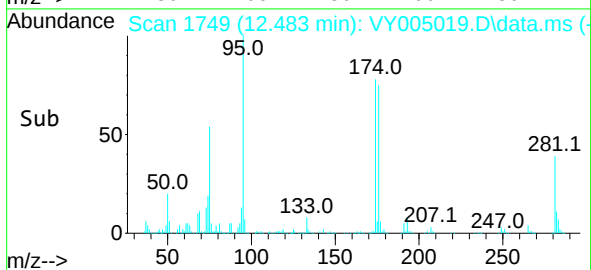
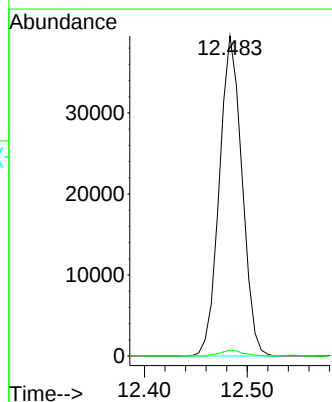
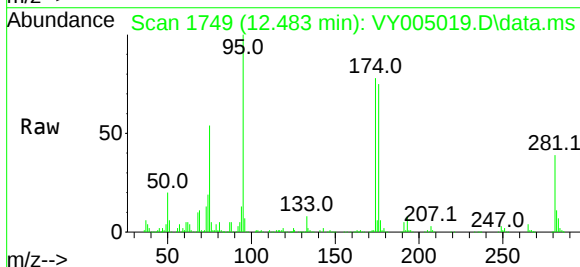
Instrument :
MSVOA_Y
ClientSampleId :

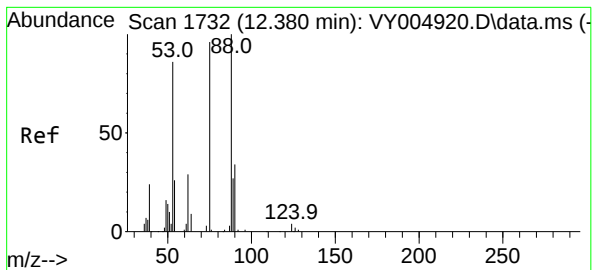
Tgt Ion:152 Resp: 108392
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 159.4 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 50.824 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005019.D
Acq: 08 Jun 2021 13:53

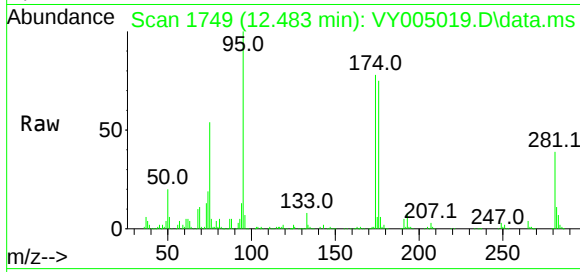
Tgt Ion: 75 Resp: 60388
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.403 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005019.D
 Acq: 08 Jun 2021 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60388
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 1.2 35.0 52.6#

