

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019304.D
 Acq On : 28 Aug 2024 00:56
 Operator : SY/MD
 Sample : P3717-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:34:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

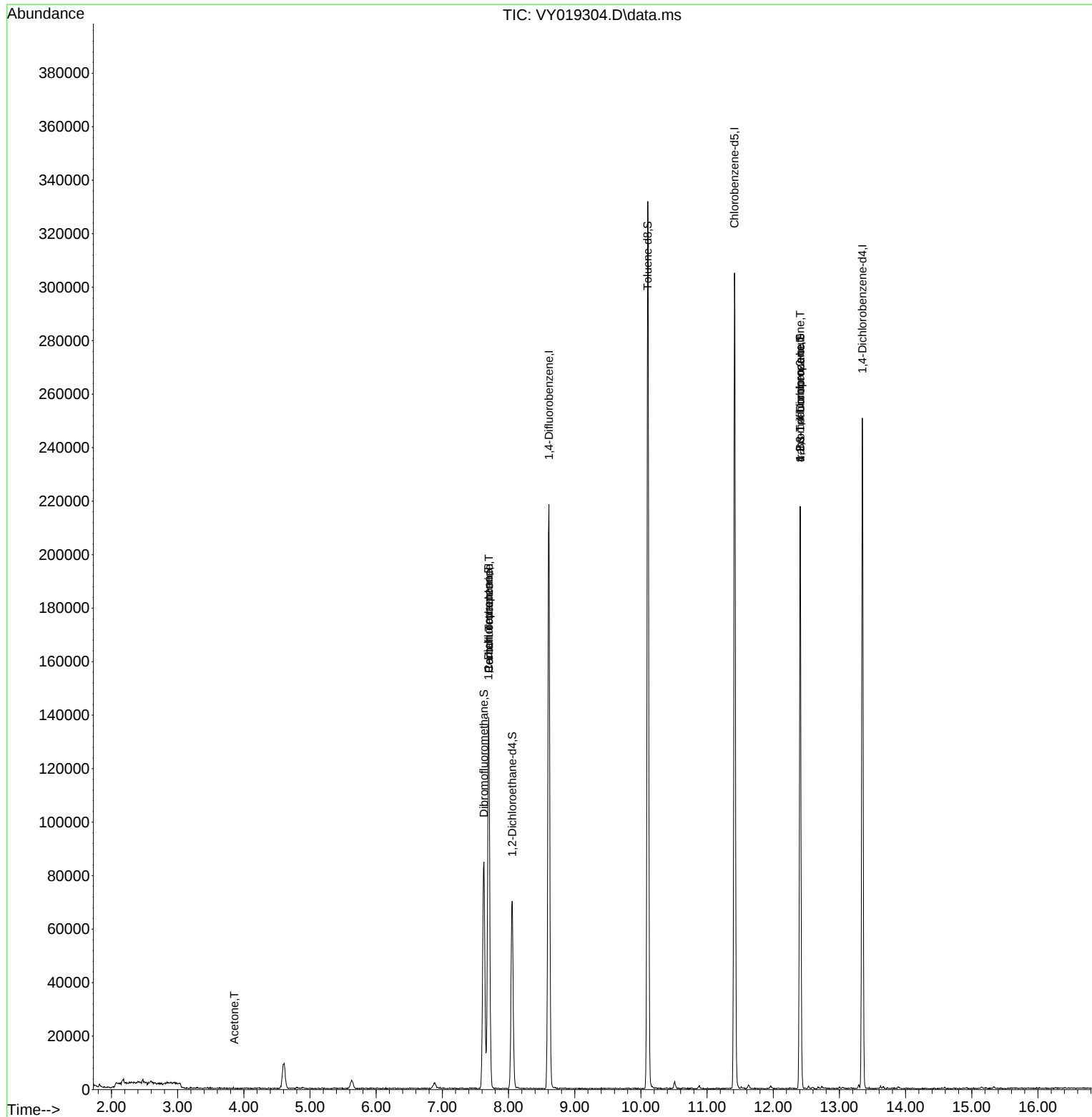
Internal Standards						
1) Pentafluorobenzene	7.701	168	107692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	186582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	167074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	61189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57126	52.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.840%	
35) Dibromofluoromethane	7.628	113	59287	48.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.200%	
50) Toluene-d8	10.103	98	211720	48.224	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.440%	
62) 4-Bromofluorobenzene	12.408	95	61970	41.406	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.820%	
Target Compounds						
						Qvalue
5) Bromomethane	2.604	94	463	Below Cal		90
6) Chloroethane	2.720	64	23	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	20	Below Cal	#	88
16) Acetone	3.854	43	202	1.009	ug/l #	36
20) Methylene Chloride	4.604	84	7057	Below Cal		96
31) Cyclohexane	7.695	56	2507	Below Cal	#	35
36) 1,1-Dichloropropene	7.695	75	7983	4.765	ug/l #	49
38) Carbon Tetrachloride	7.701	117	10868	5.598	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	33986	56.321	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	33986	139.094	ug/l #	16

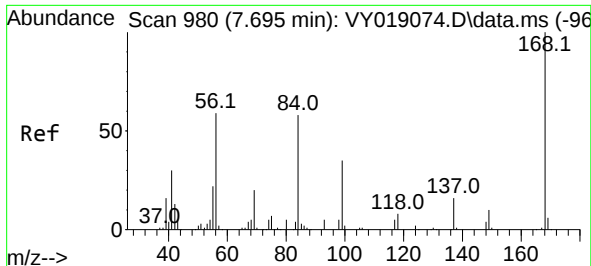
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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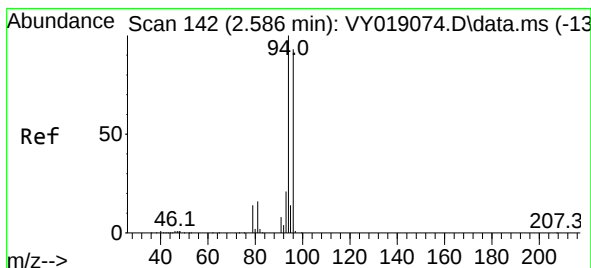
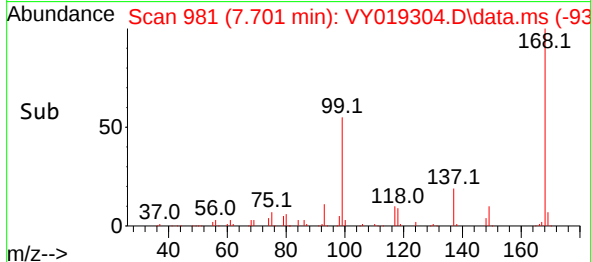
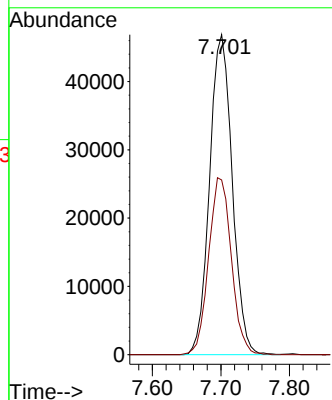
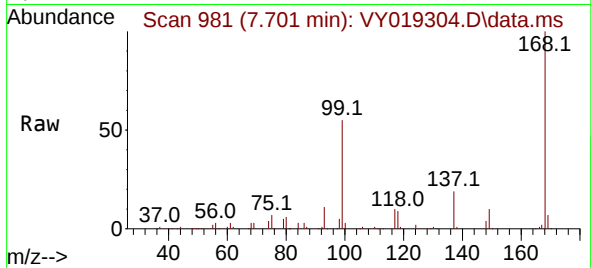




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019304.D
Acq: 28 Aug 2024 00:56

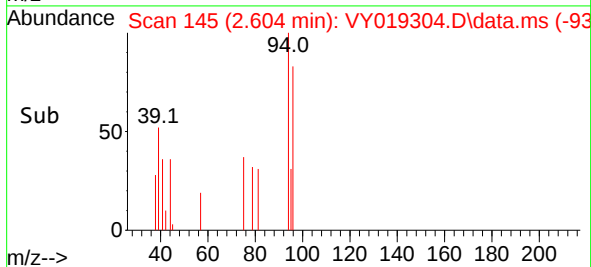
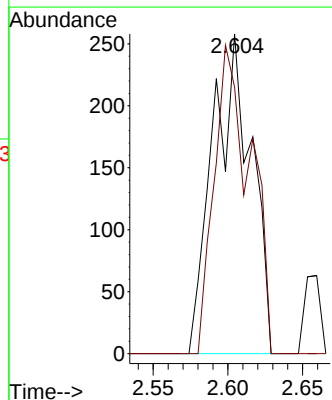
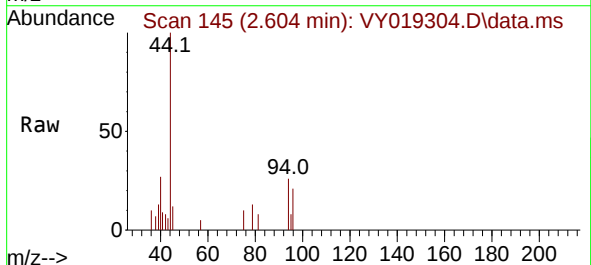
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 107692
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019304.D
Acq: 28 Aug 2024 00:56

Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 83.3 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.836 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY019304.D

Acq: 28 Aug 2024 00:56

Instrument :

MSVOA_Y

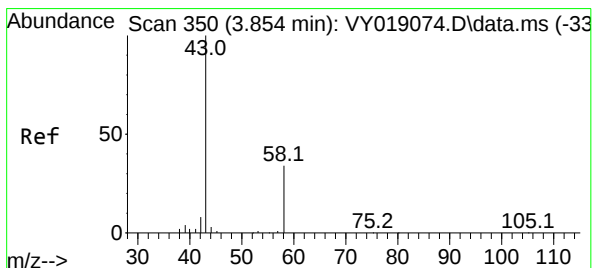
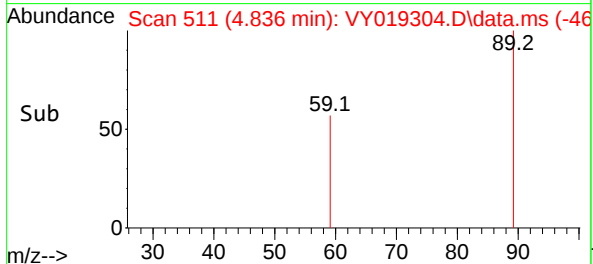
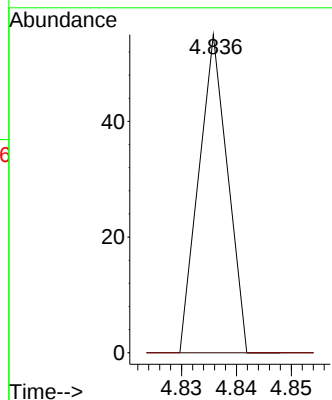
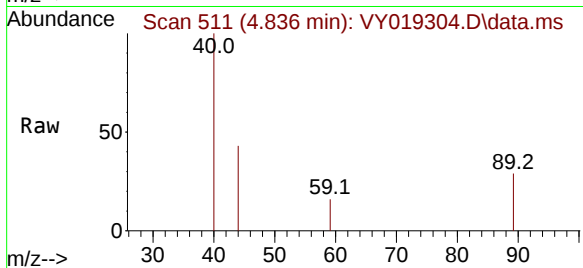
ClientSampleId :

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.009 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019304.D

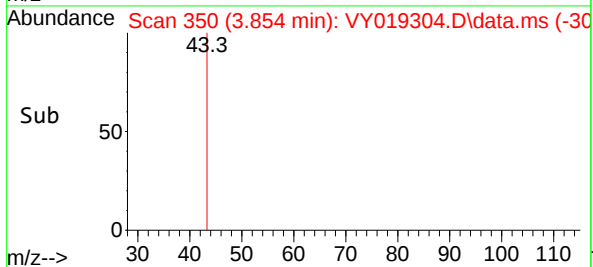
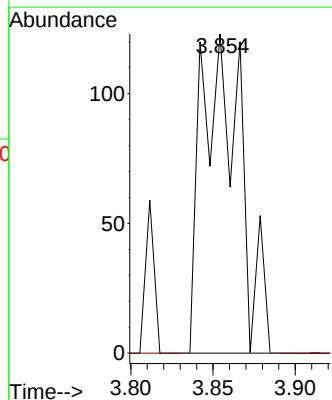
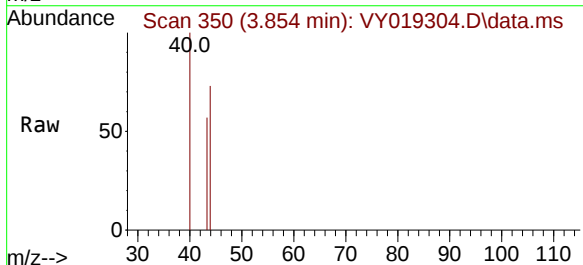
Acq: 28 Aug 2024 00:56

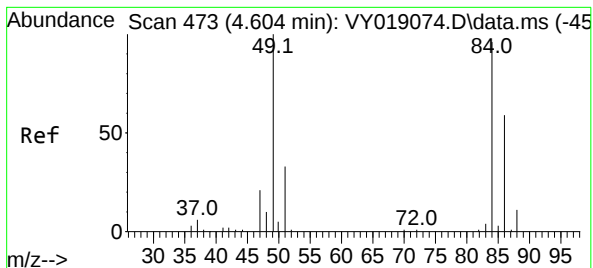
Tgt Ion: 43 Resp: 202

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY019304.D

Acq: 28 Aug 2024 00:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 7057

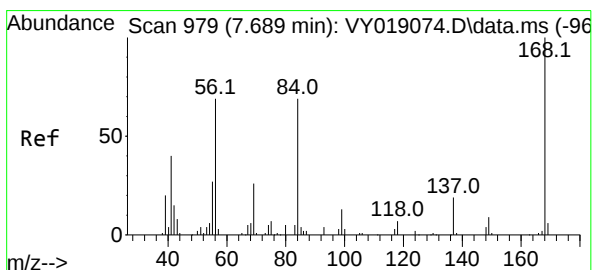
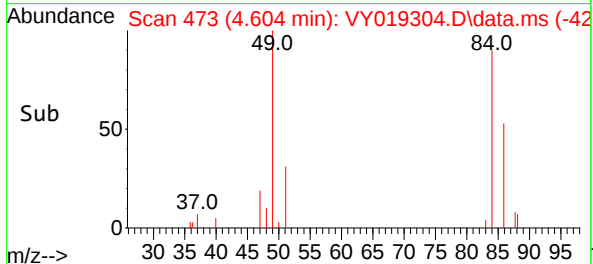
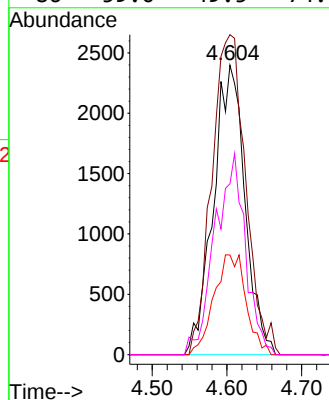
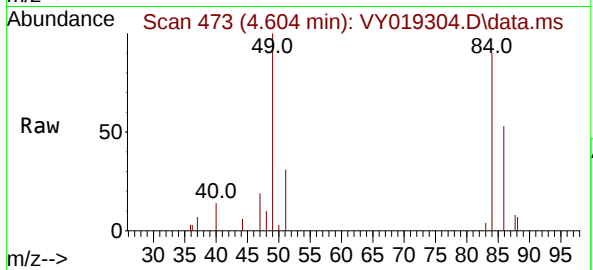
Ion Ratio Lower Upper

84 100

49 110.6 84.4 126.6

51 34.4 26.0 39.0

86 59.0 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019304.D

Acq: 28 Aug 2024 00:56

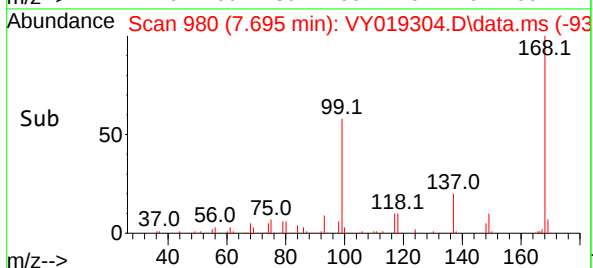
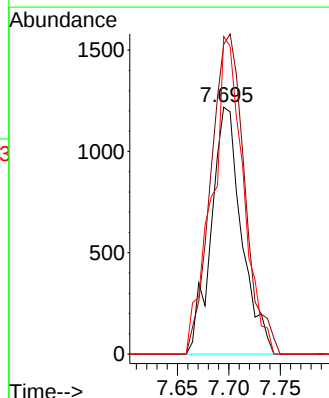
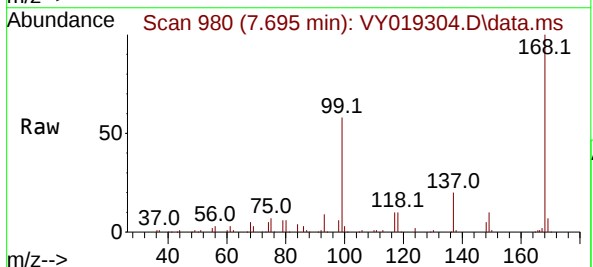
Tgt Ion: 56 Resp: 2507

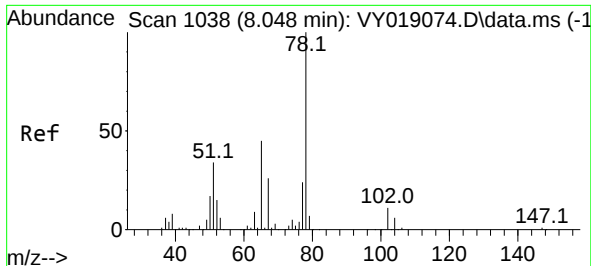
Ion Ratio Lower Upper

56 100

69 125.5 28.7 43.1#

84 128.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.918 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019304.D

Acq: 28 Aug 2024 00:56

Instrument :

MSVOA_Y

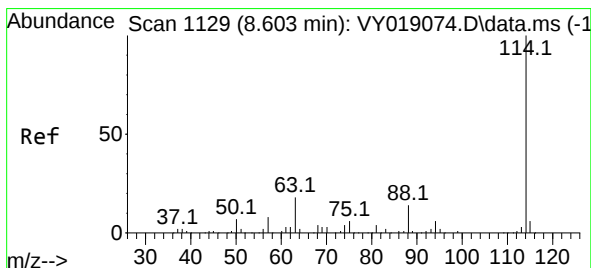
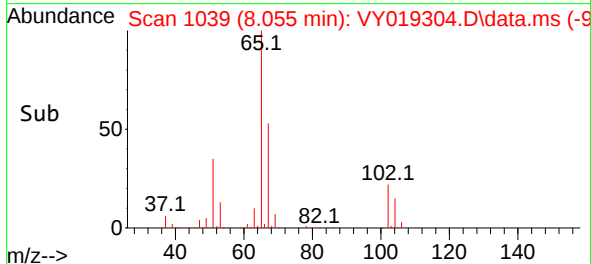
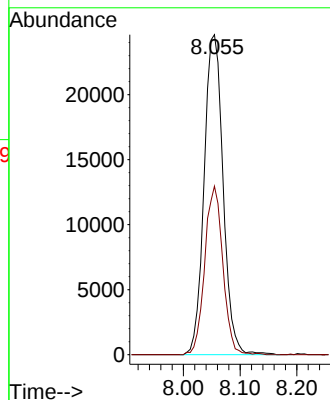
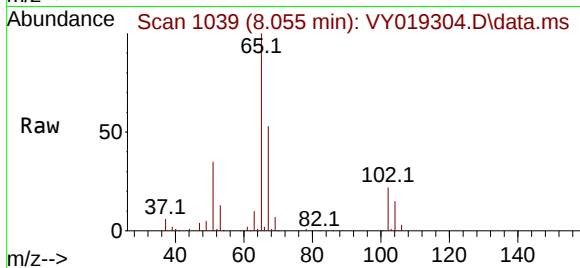
ClientSampleId :

Tgt Ion: 65 Resp: 57126

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019304.D

Acq: 28 Aug 2024 00:56

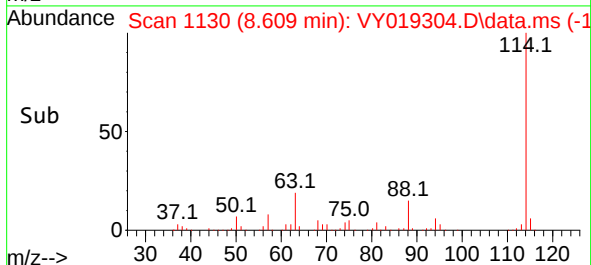
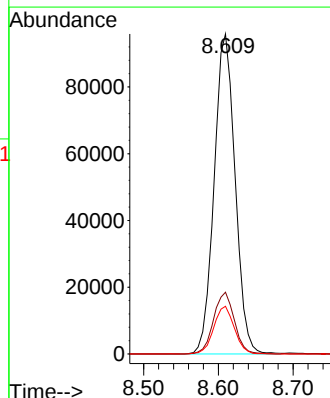
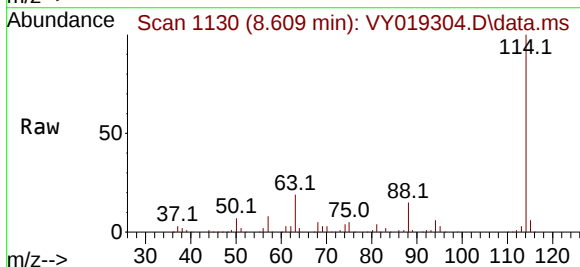
Tgt Ion: 114 Resp: 186582

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

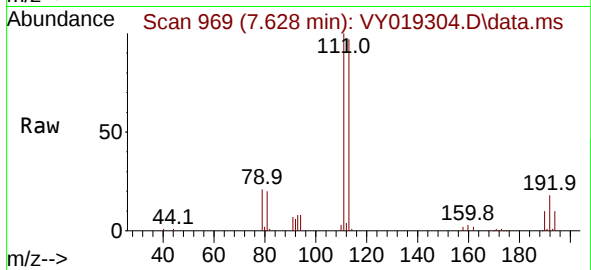
88 14.9 0.0 27.2



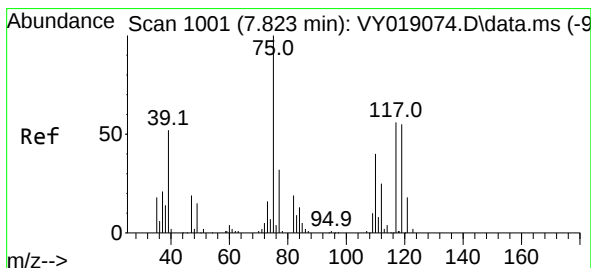
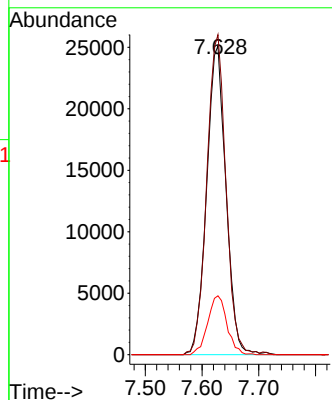
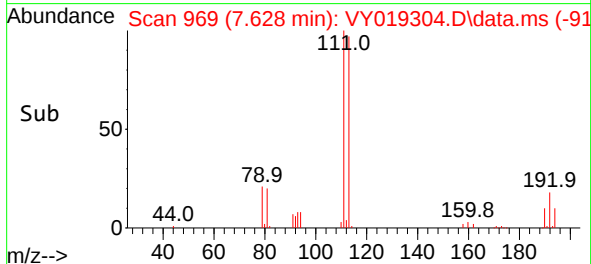


#35
Dibromofluoromethane
Concen: 48.597 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019304.D
Acq: 28 Aug 2024 00:56

Instrument :
MSVOA_Y
ClientSampleId :

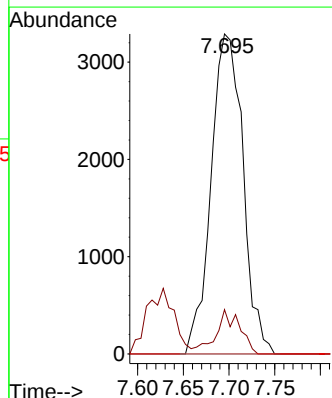
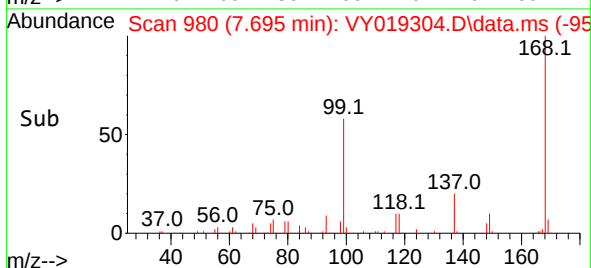
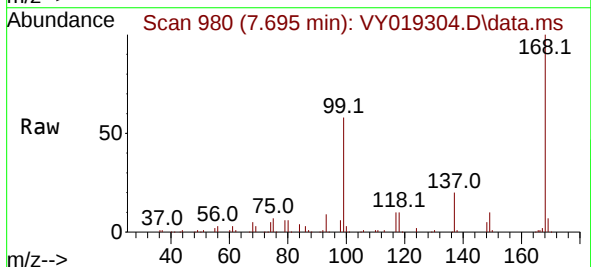


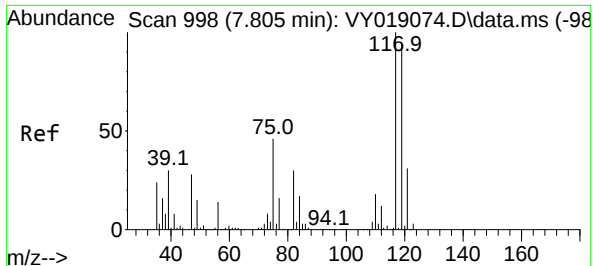
Tgt Ion:113 Resp: 59287
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019304.D
Acq: 28 Aug 2024 00:56

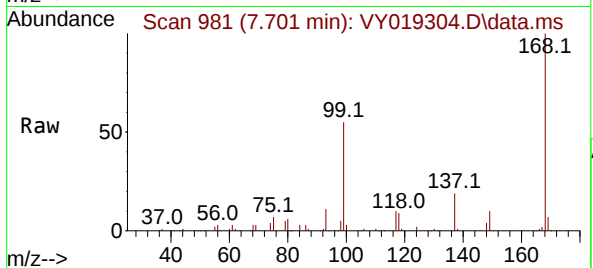
Tgt Ion: 75 Resp: 7983
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.0 25.3 37.9#



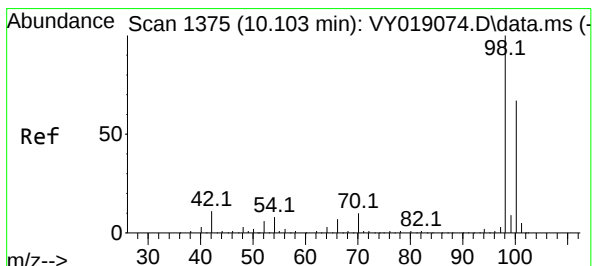
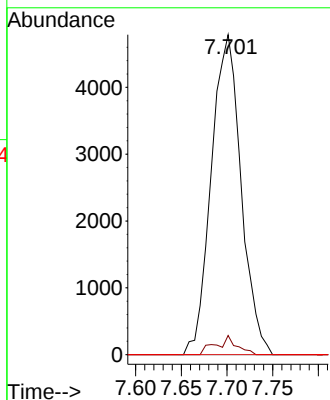
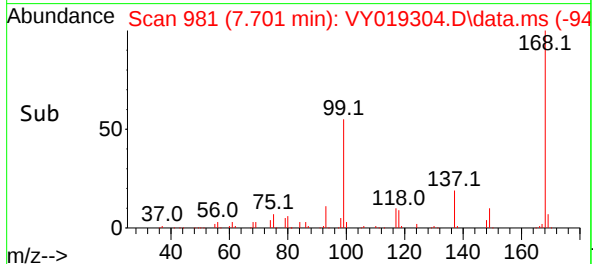


#38
Carbon Tetrachloride
Concen: 5.598 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019304.D
Acq: 28 Aug 2024 00:56

Instrument :
MSVOA_Y
ClientSampleId :

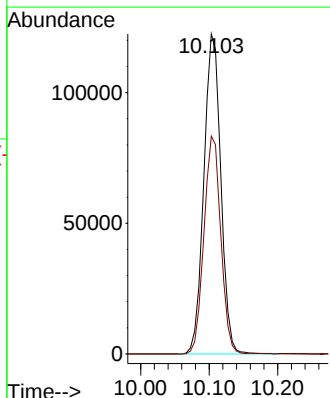
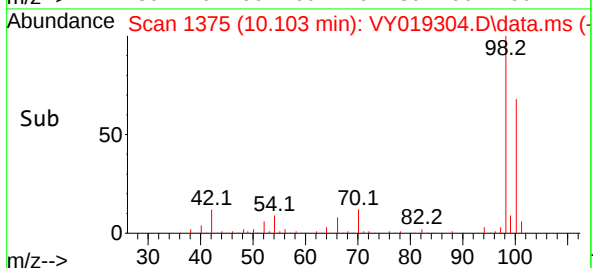
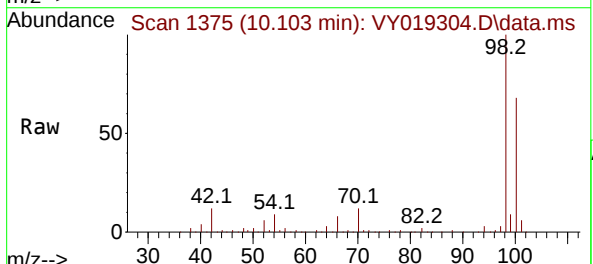


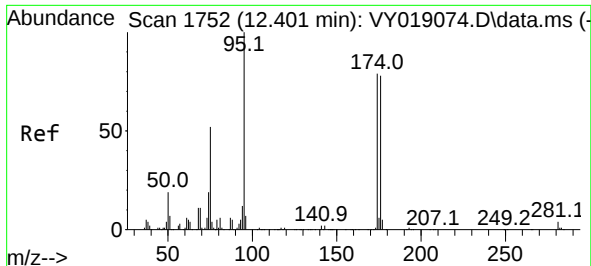
Tgt Ion:117 Resp: 10868
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.224 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019304.D
Acq: 28 Aug 2024 00:56

Tgt Ion: 98 Resp: 211720
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0

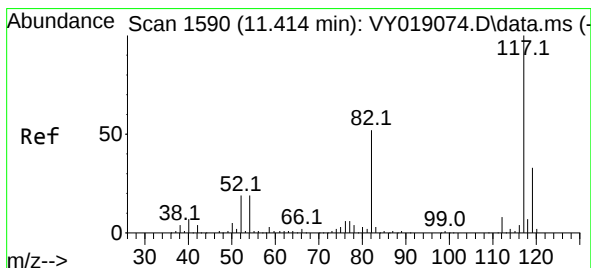
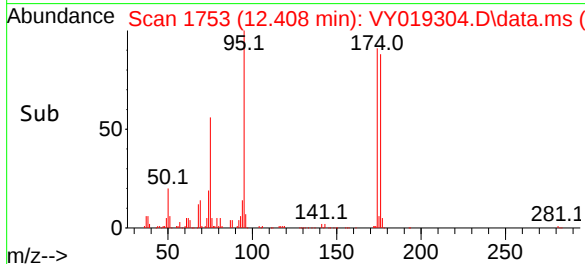
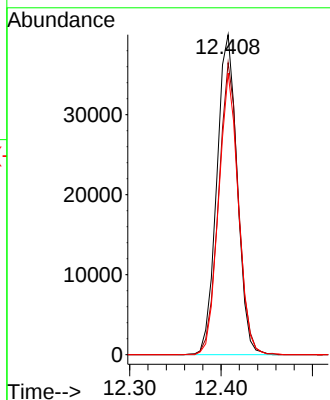
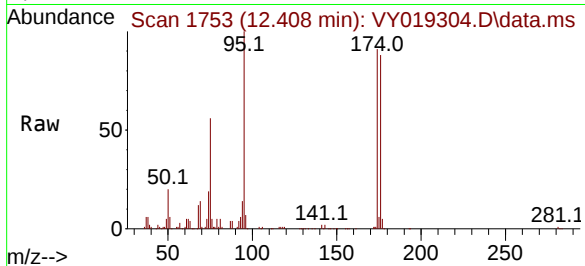




#62
4-Bromofluorobenzene
Concen: 41.406 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019304.D
Acq: 28 Aug 2024 00:56

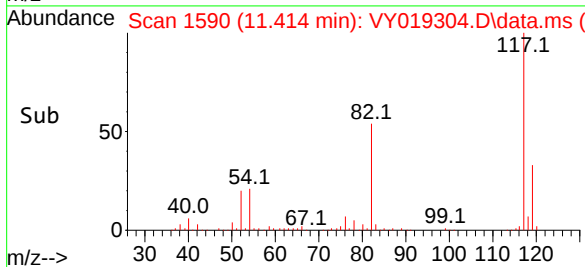
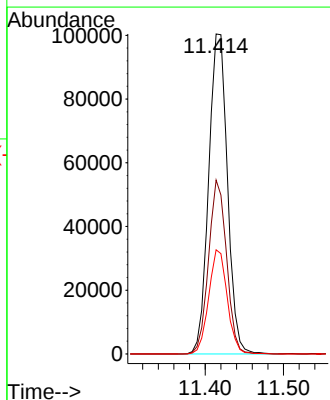
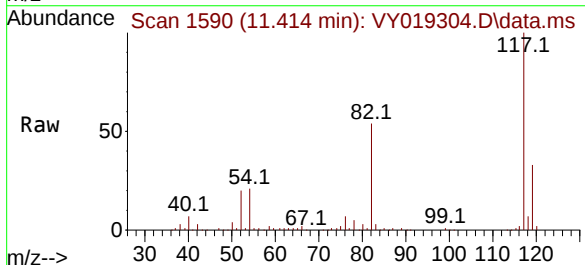
Instrument :
MSVOA_Y
ClientSampleId :

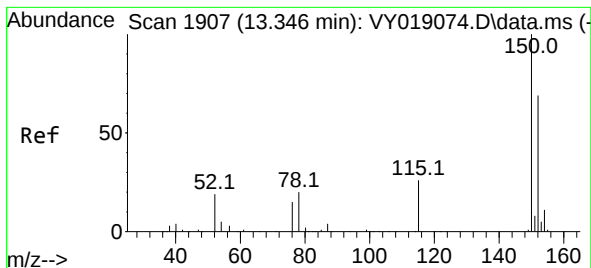
Tgt Ion: 95 Resp: 61970
Ion Ratio Lower Upper
95 100
174 89.1 0.0 175.6
176 85.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019304.D
Acq: 28 Aug 2024 00:56

Tgt Ion: 117 Resp: 167074
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019304.D

Acq: 28 Aug 2024 00:56

Instrument :

MSVOA_Y

ClientSampleId :

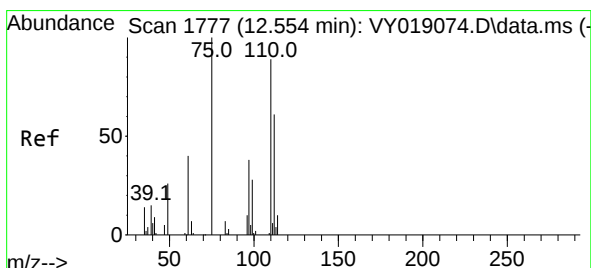
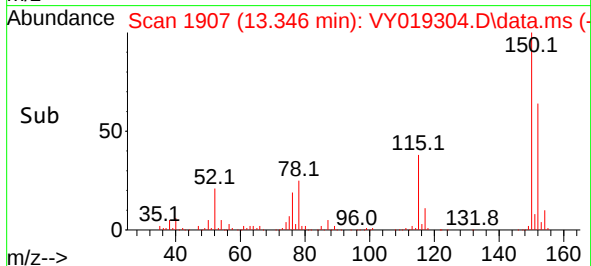
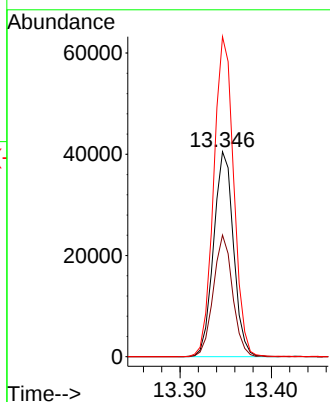
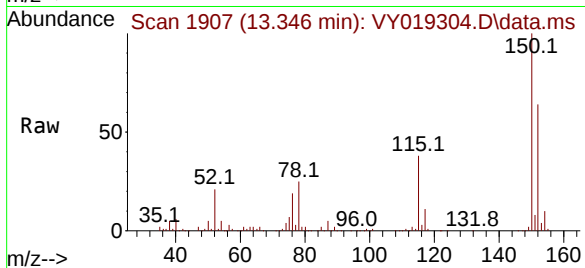
Tgt Ion:152 Resp: 61189

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 56.321 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019304.D

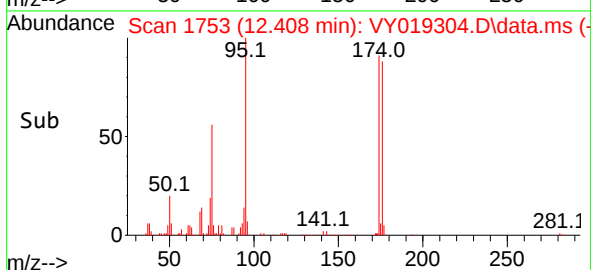
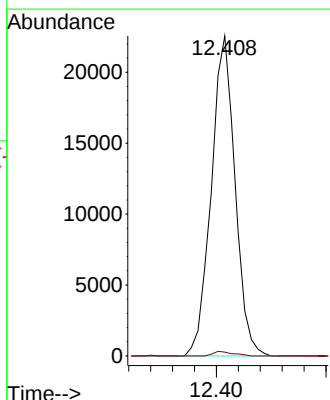
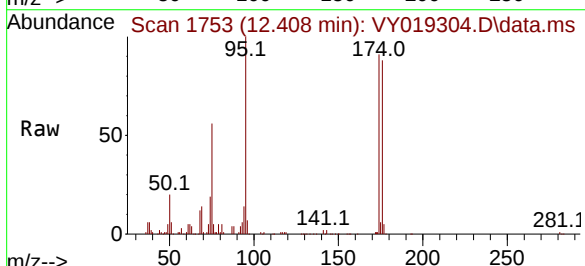
Acq: 28 Aug 2024 00:56

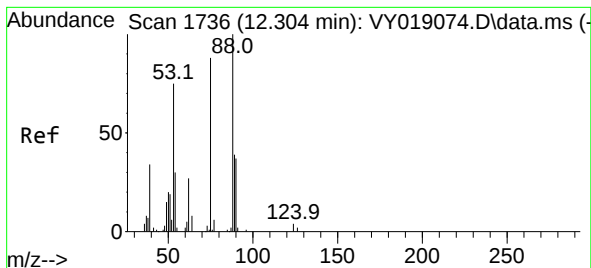
Tgt Ion: 75 Resp: 33986

Ion Ratio Lower Upper

75 100

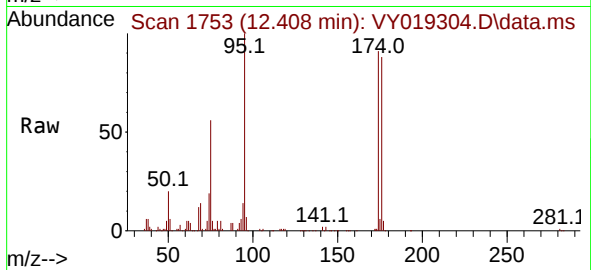
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.094 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019304.D
 Acq: 28 Aug 2024 00:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33986
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

