

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068283.D
 Acq On : 04 Feb 2021 18:14
 Operator : VA/SY
 Sample : M1291-01RE
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 05 00:05:39 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)

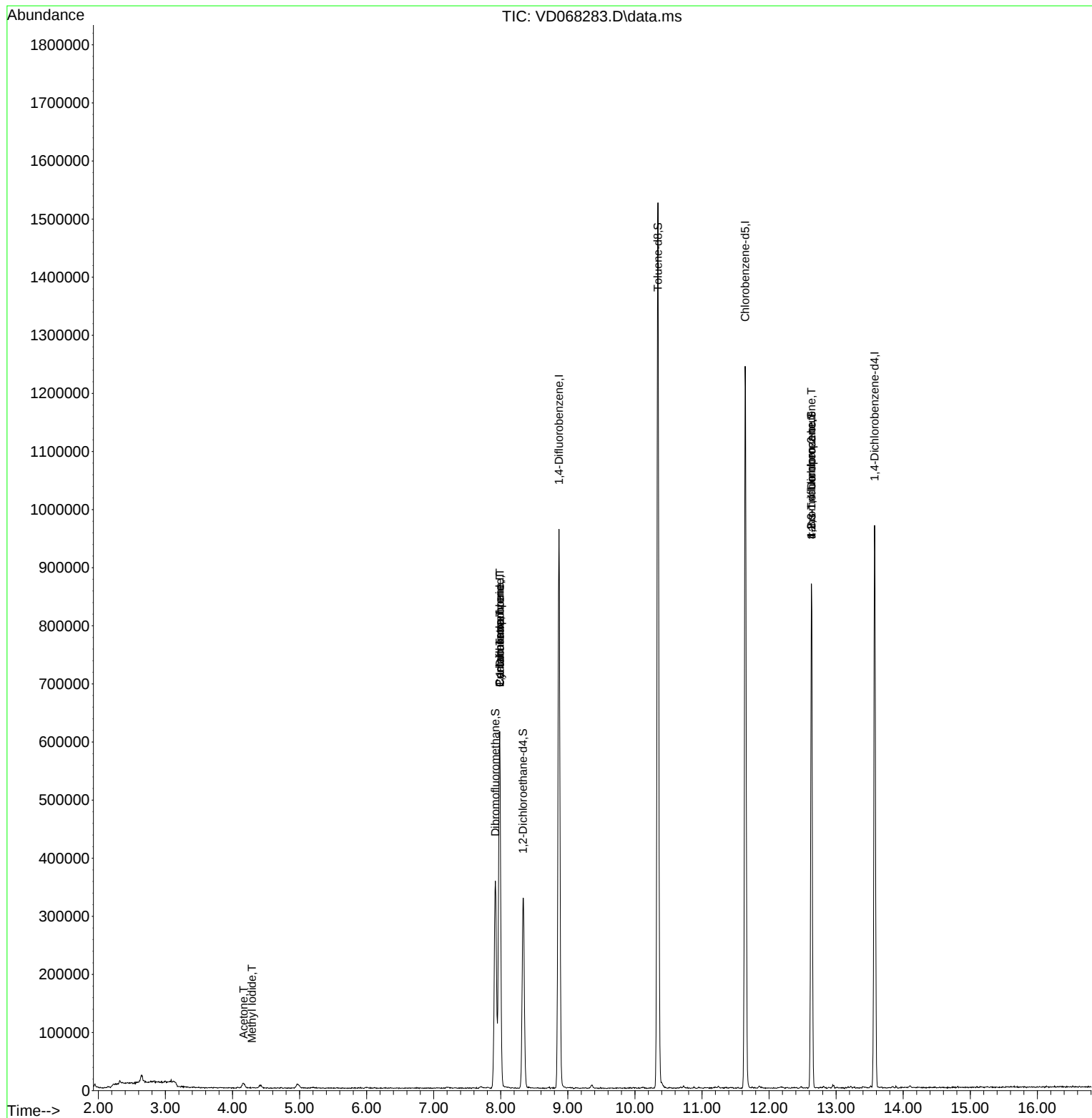
Internal Standards						
1) Pentafluorobenzene	7.985	168	462082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	858449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	733433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	265133	59.98	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.96%
35) Dibromofluoromethane	7.920	113	264582	55.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.50%
50) Toluene-d8	10.344	98	1054069	55.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.04%
62) 4-Bromofluorobenzene	12.632	95	300252	43.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.84%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	336	3.22	ug/l #	38
11) Tert butyl alcohol	5.197	59	675	Below Cal	#	74
16) Acetone	4.167	43	15703	19.90	ug/l	100
20) Methylene Chloride	4.961	84	3164	Below Cal	#	93
31) Cyclohexane	7.985	56	11247	1.18	ug/l #	4
36) 1,1-Dichloropropene	7.985	75	37125	4.29	ug/l #	48
38) Carbon Tetrachloride	7.985	117	48625	6.00	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	154410	61.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154410	124.01	ug/l #	13

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

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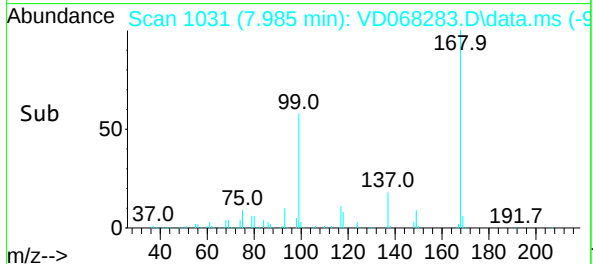
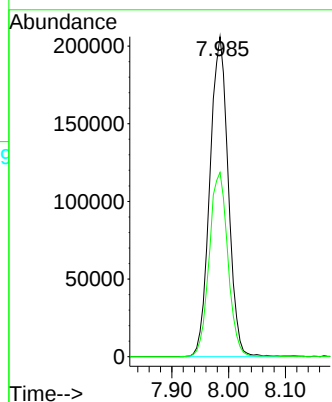
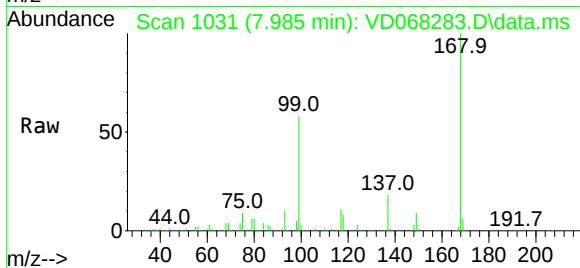




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

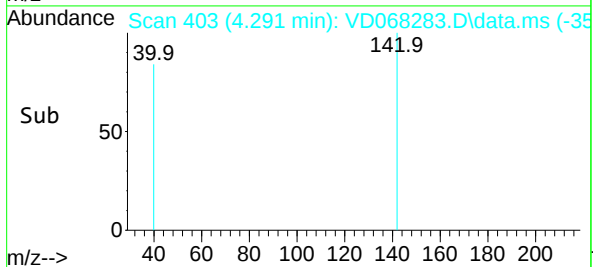
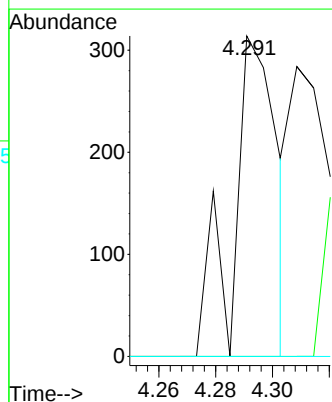
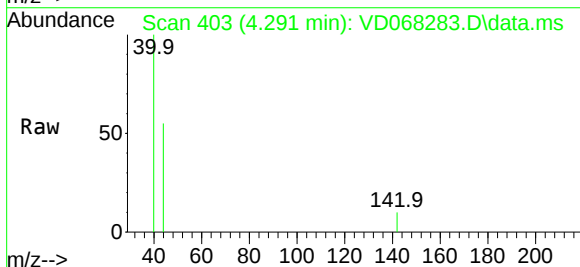
Instrument :
MSVOA_D
ClientSampled :

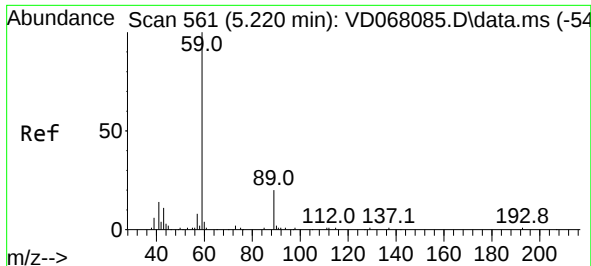
Tgt Ion:168 Resp: 462082
Ion Ratio Lower Upper
168 100
99 57.6 43.5 65.3



#10
Methyl Iodide
Concen: 3.22 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.017 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

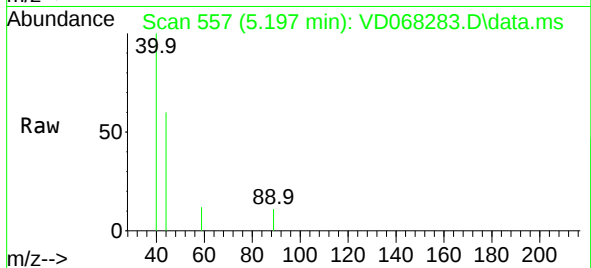
Tgt Ion:142 Resp: 336
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



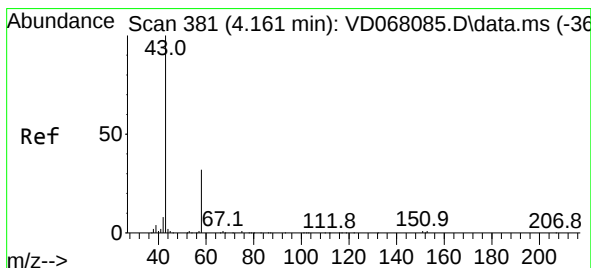
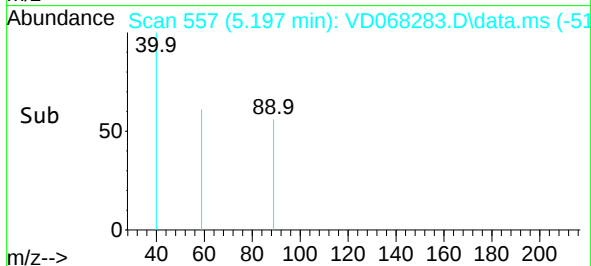
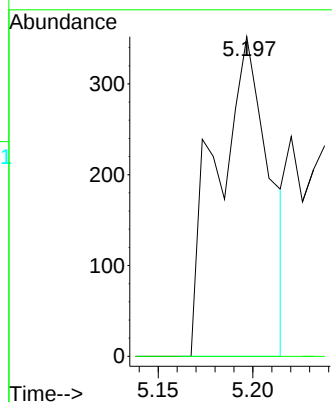


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

Instrument :
MSVOA_D
ClientSampled :

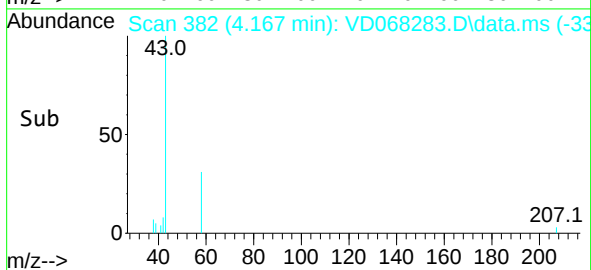
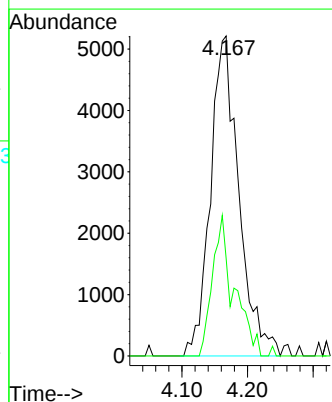
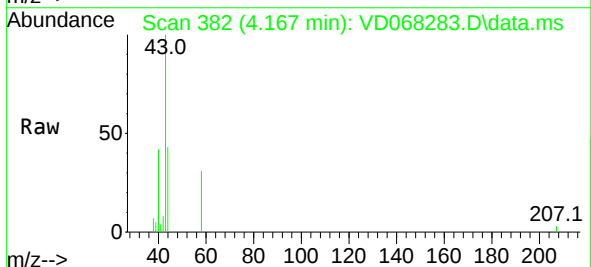


Tgt Ion: 59 Resp: 675
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 19.90 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

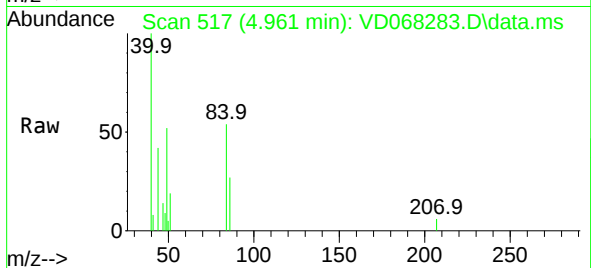
Tgt Ion: 43 Resp: 15703
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.4



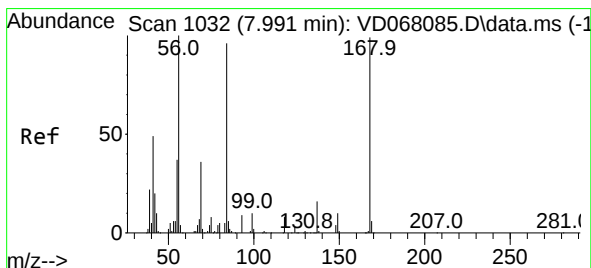
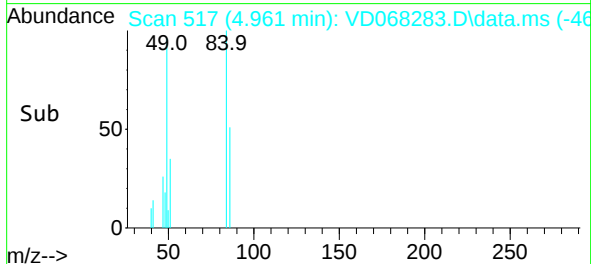
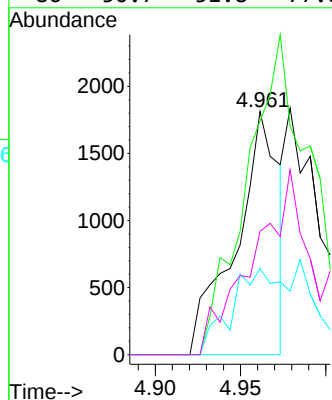


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :

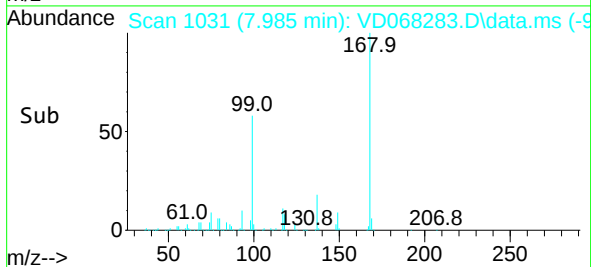
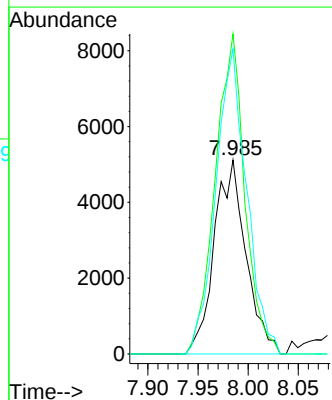
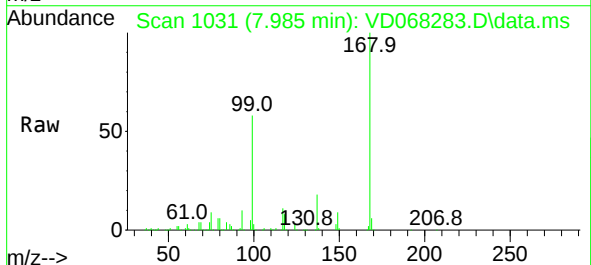


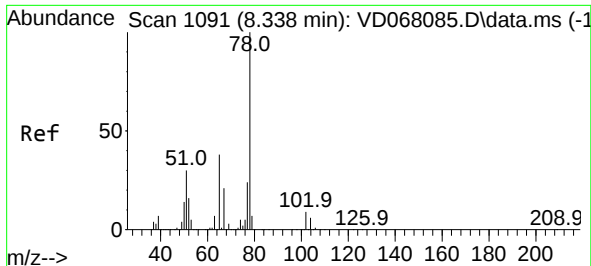
Tgt Ion: 84 Resp: 3164
Ion Ratio Lower Upper
84 100
49 96.1 77.4 116.2
51 35.4 26.1 39.1
86 50.7 51.8 77.8#



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

Tgt Ion: 56 Resp: 11247
Ion Ratio Lower Upper
56 100
69 165.0 30.1 45.1#
84 157.4 82.1 123.1#

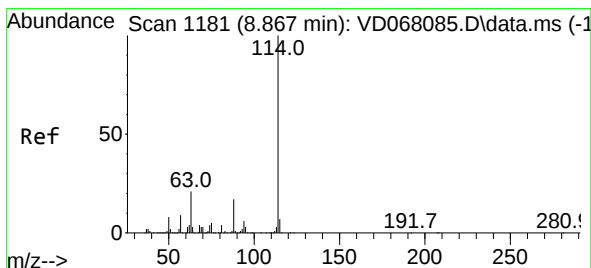
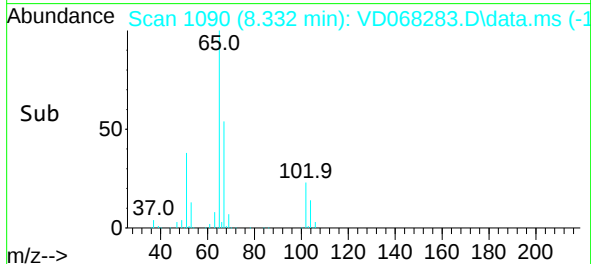
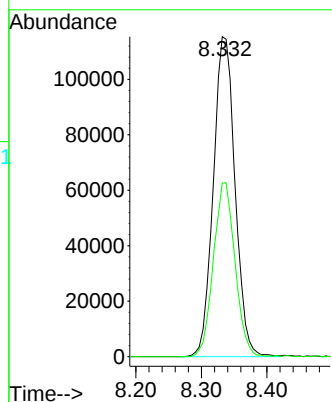
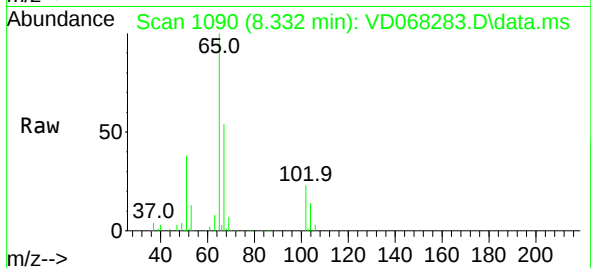




#33
1,2-Dichloroethane-d4
Concen: 59.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

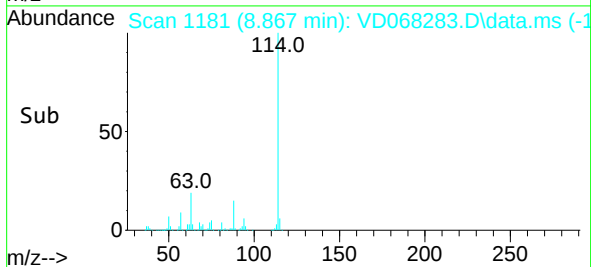
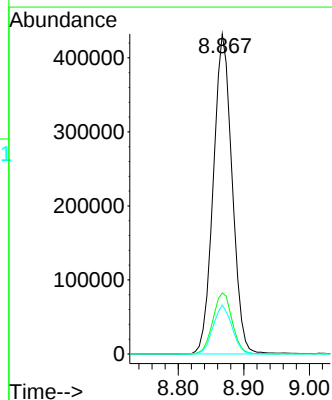
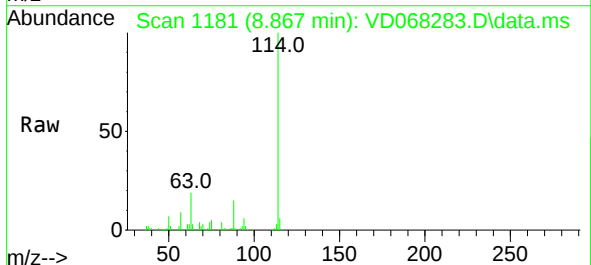
Instrument :
MSVOA_D
ClientSampled :

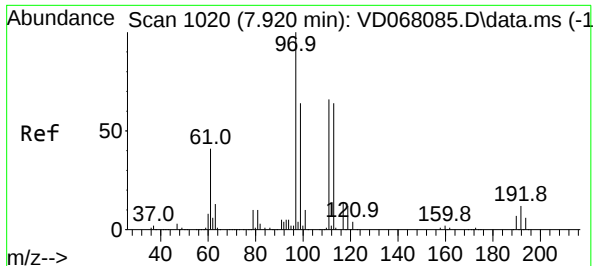
Tgt Ion: 65 Resp: 265133
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

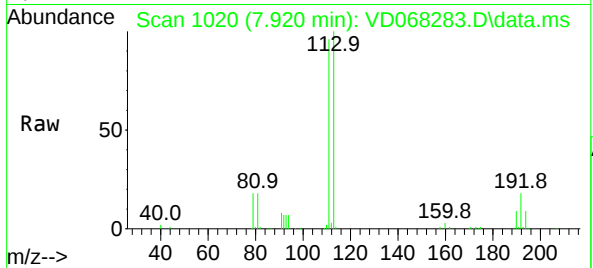
Tgt Ion: 114 Resp: 858449
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.8
88 15.3 0.0 31.6



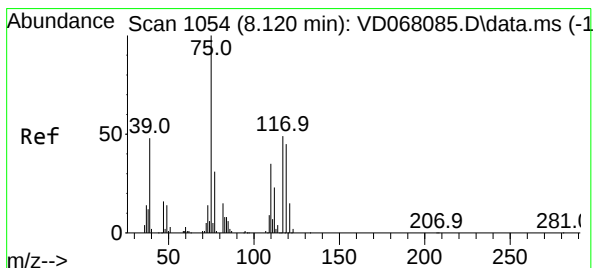
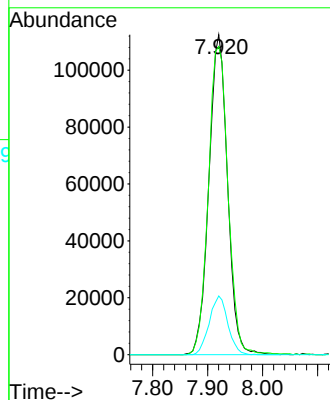
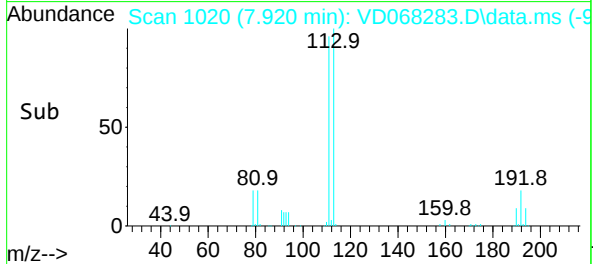


#35
Dibromofluoromethane
Concen: 55.75 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

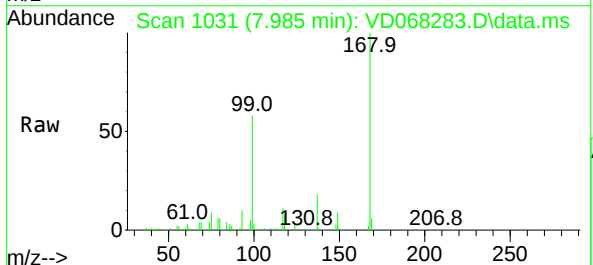
Instrument :
MSVOA_D
ClientSampled :



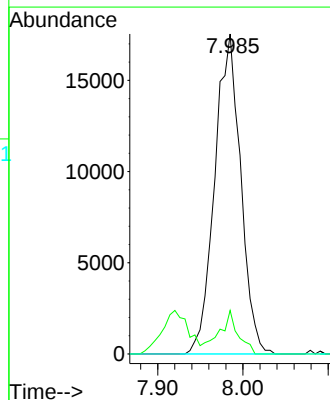
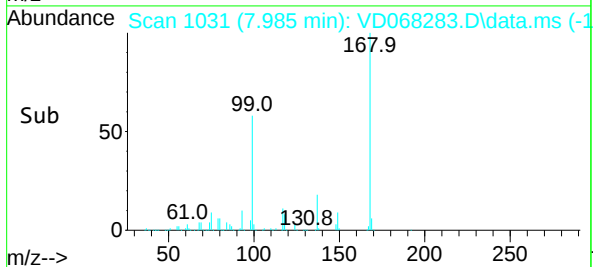
Tgt Ion:113 Resp: 264582
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 18.3 16.1 24.1

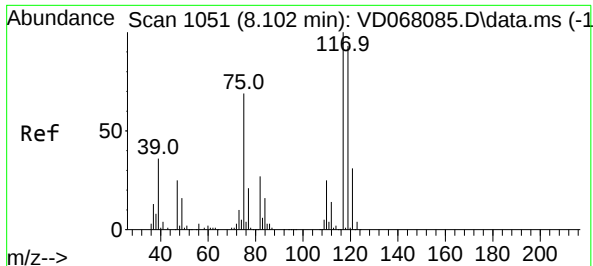


#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14



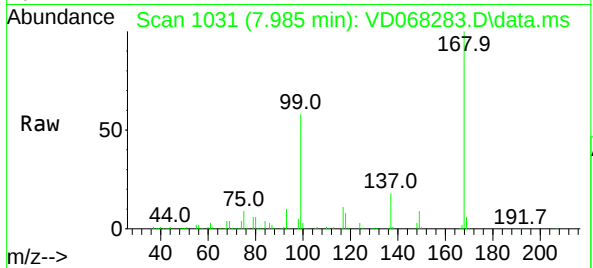
Tgt Ion: 75 Resp: 37125
Ion Ratio Lower Upper
75 100
110 9.5 19.4 58.2#
77 0.0 25.3 37.9#



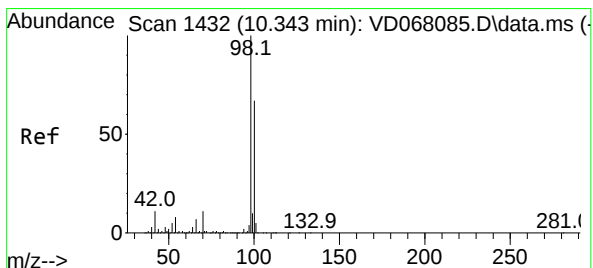
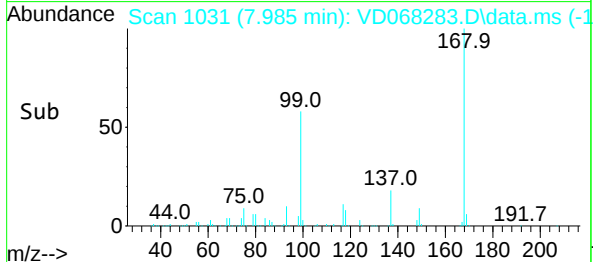
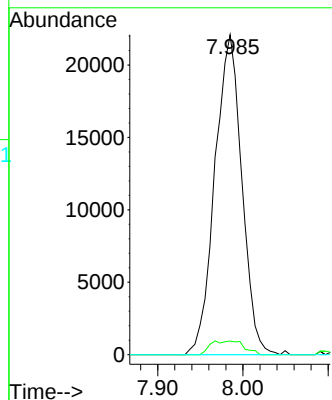


#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

Instrument :
MSVOA_D
ClientSampled :

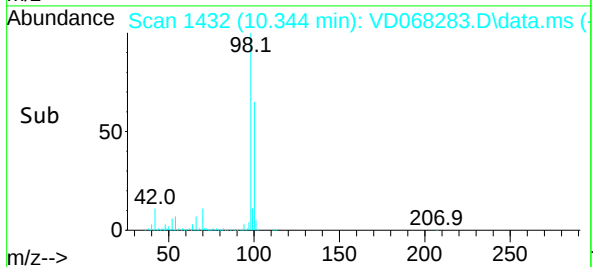
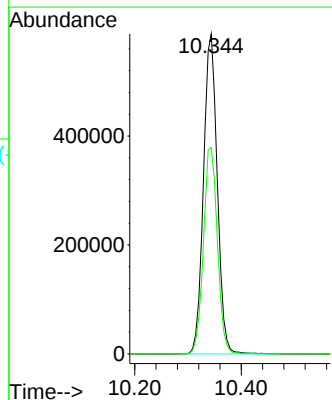
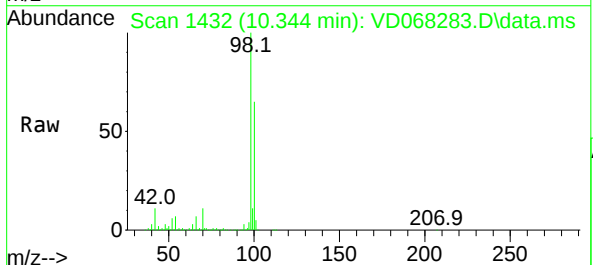


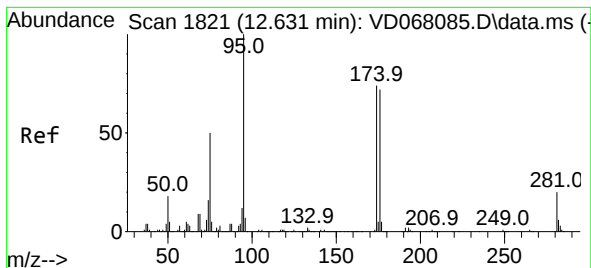
Tgt Ion:117 Resp: 48625
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.52 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

Tgt Ion: 98 Resp: 1054069
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4

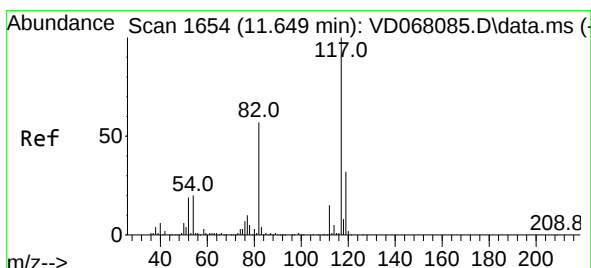
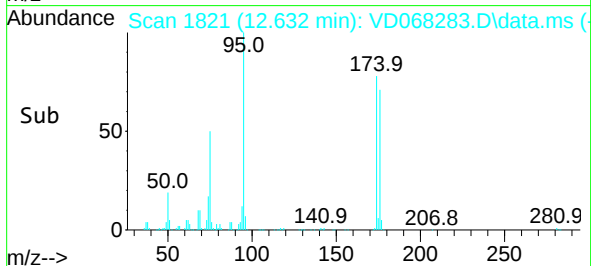
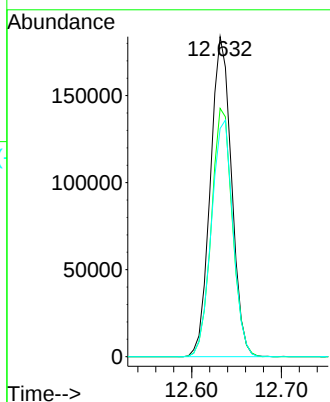
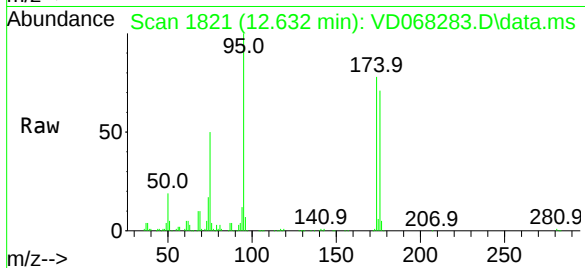




#62
4-Bromofluorobenzene
Concen: 43.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

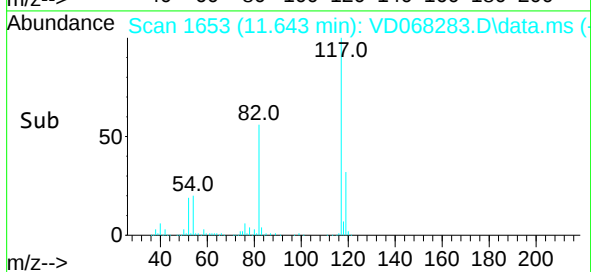
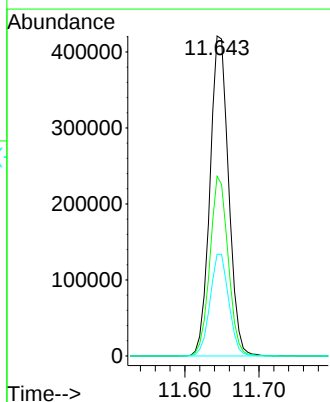
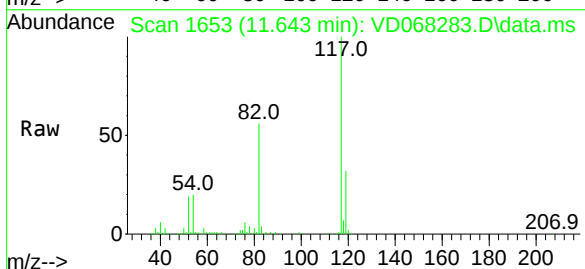
Instrument :
MSVOA_D
ClientSampleId :

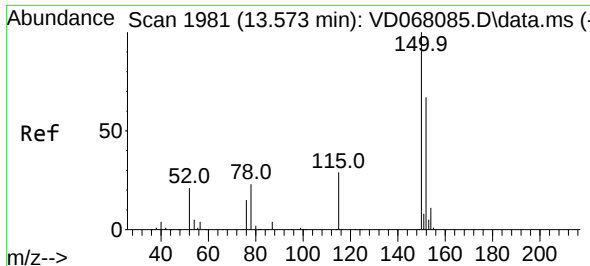
Tgt Ion: 95 Resp: 300252
Ion Ratio Lower Upper
95 100
174 77.4 0.0 172.4
176 75.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

Tgt Ion: 117 Resp: 733433
Ion Ratio Lower Upper
117 100
82 56.2 41.4 62.0
119 31.7 26.1 39.1

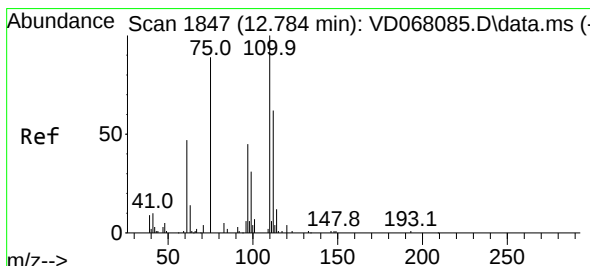
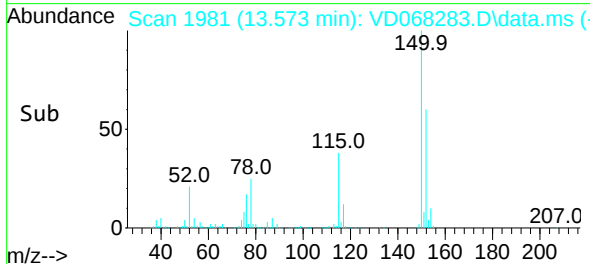
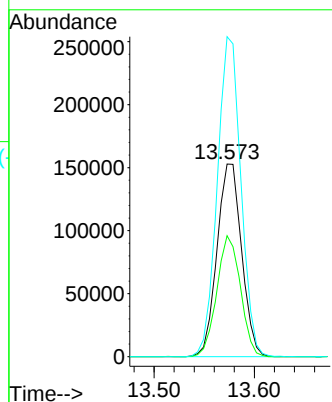
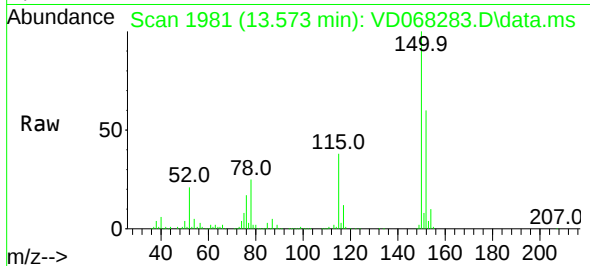




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

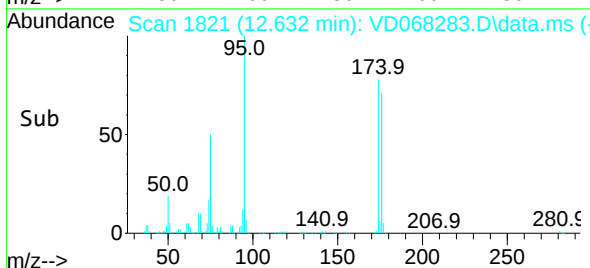
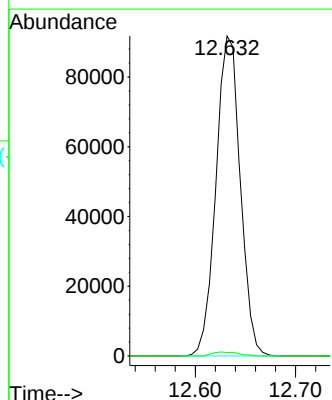
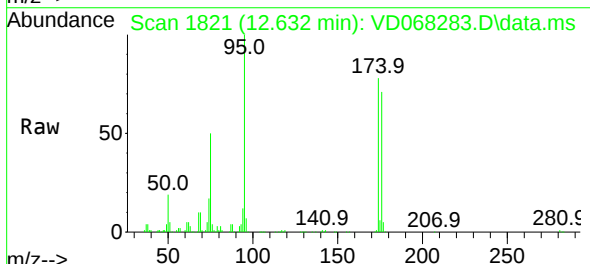
Instrument :
MSVOA_D
ClientSampled :

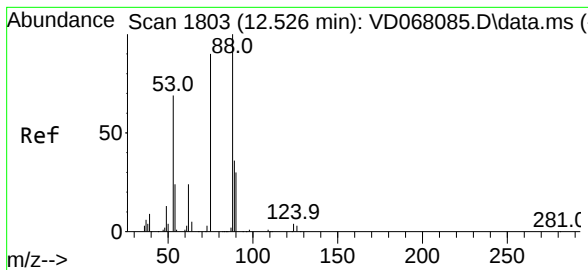
Tgt Ion:152 Resp: 260578
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 159.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 61.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068283.D
Acq: 04 Feb 2021 18:14

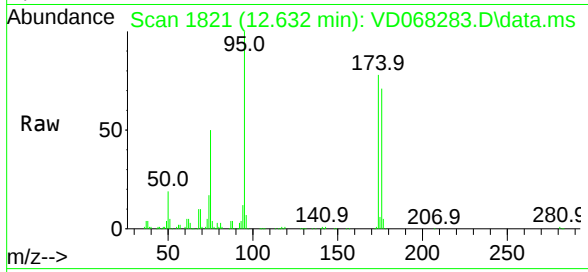
Tgt Ion: 75 Resp: 154410
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.01 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068283.D
 Acq: 04 Feb 2021 18:14

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 154410
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

