

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009879.D
 Acq On : 24 May 2019 12:17
 Operator : JC/SP
 Sample : K2976-12ME
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(17-20)ME

Quant Time: May 24 12:43:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

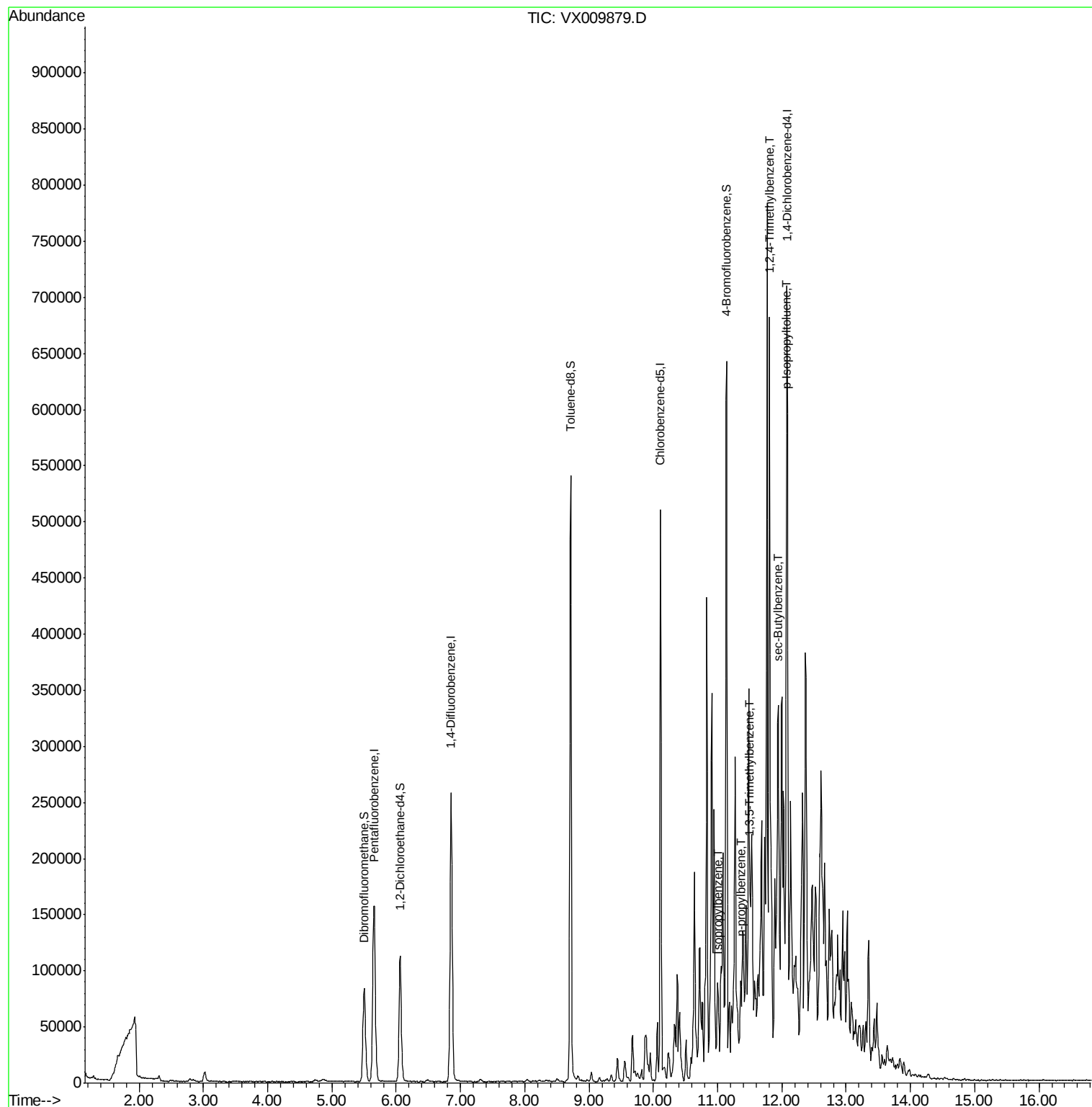
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	151837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	243455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105063	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	5.50	113	71031	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	8.71	98	310287	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.14	95	117130	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
Target Compounds						
73) Isopropylbenzene	11.02	105	11295	1.383	ug/l	99
78) n-propylbenzene	11.36	91	33451	3.587	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	29725	4.323	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	220426	31.937	ug/l	99
85) sec-Butylbenzene	11.94	105	33822	4.265	ug/l	98
86) p-Isopropyltoluene	12.07	119	29532	4.142	ug/l	98

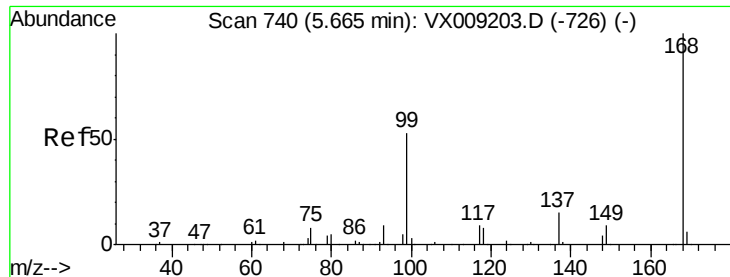
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
EP1-SB-MW-ER(17-20)ME

Quant Time: May 24 12:43:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

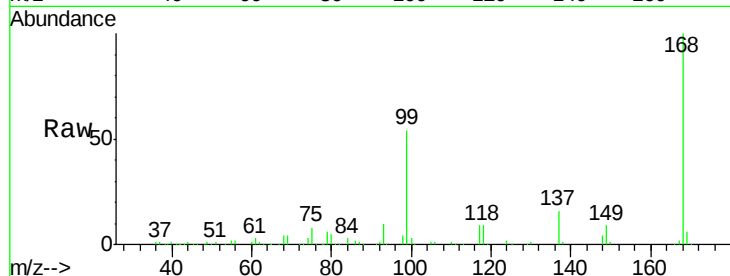
EP1-SB-MW-ER(17-20)ME

Tot Ion:168 Resp: 151837

Ion Ratio Lower Upper

168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

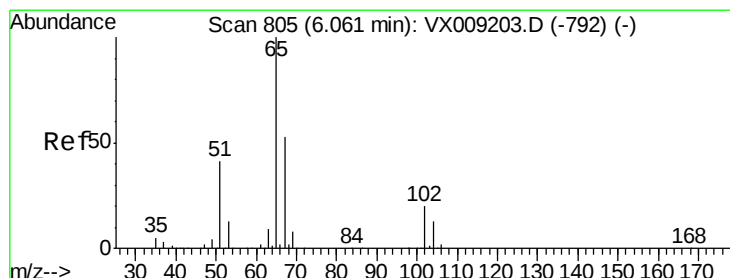
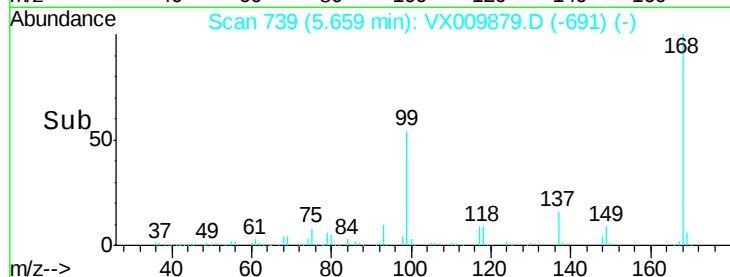
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.688 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009879.D

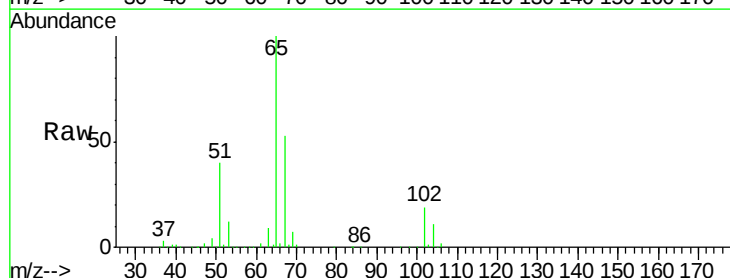
Acq: 24 May 2019 12:17

Tgt Ion: 65 Resp: 105063

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

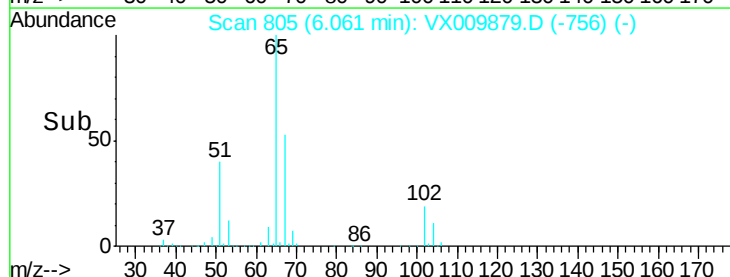
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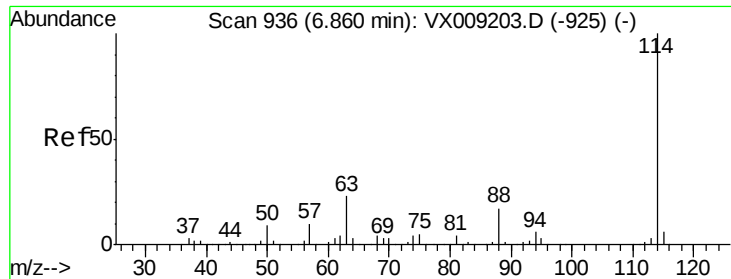
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

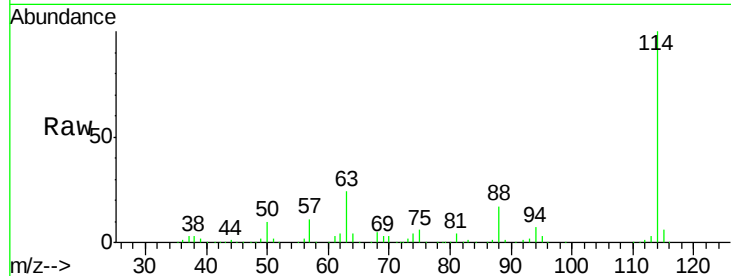




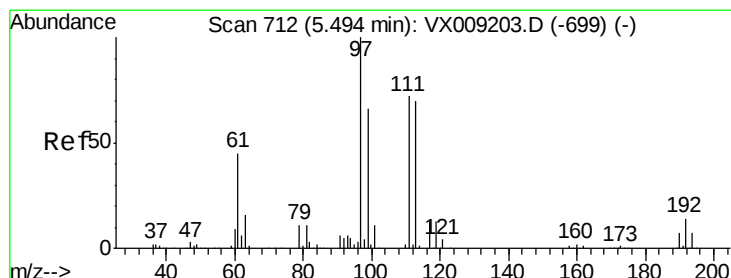
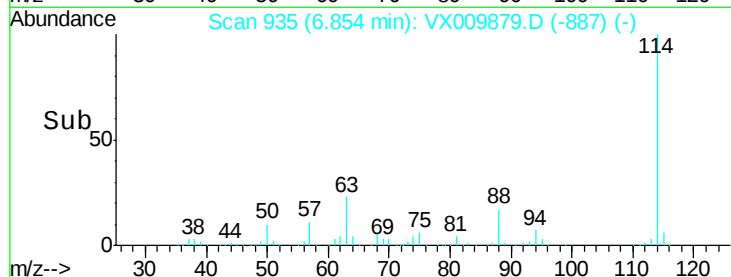
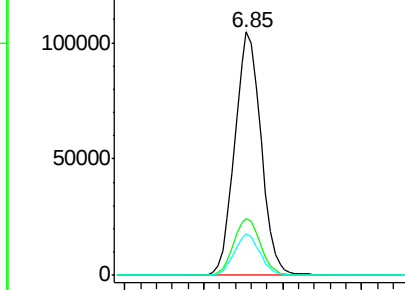
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX009879.D
Acq: 24 May 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(17-20)ME

Tot Ion:114 Resp: 243455
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.6
88 16.8 0.0 33.2

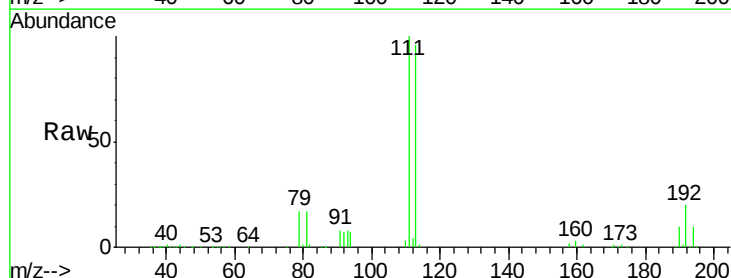


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

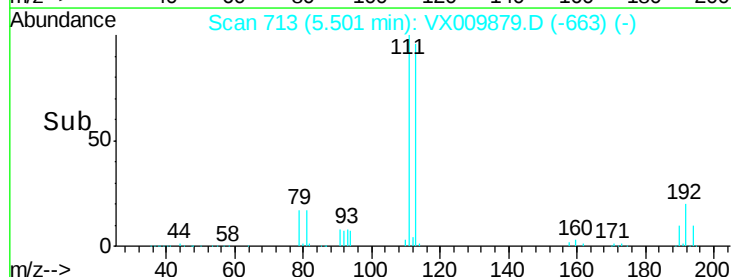
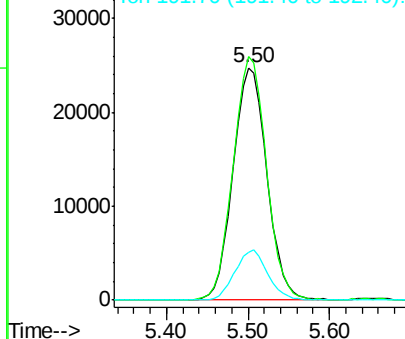


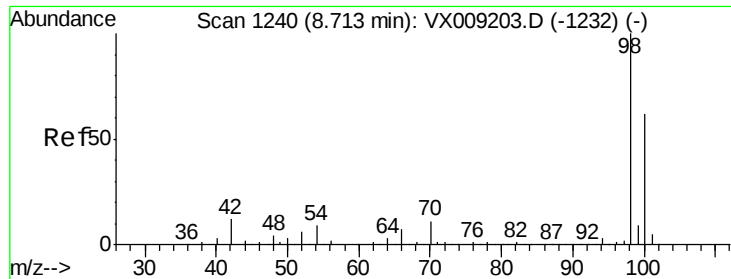
#35
Dibromofluoromethane
Concen: 46.412 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009879.D
Acq: 24 May 2019 12:17

Tgt Ion:113 Resp: 71031
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 21.1 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.218 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

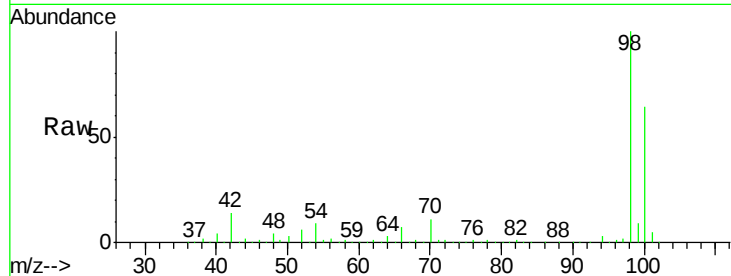
EP1-SB-MW-ER(17-20)ME

Tot Ion: 98 Resp: 310287

Ion Ratio Lower Upper

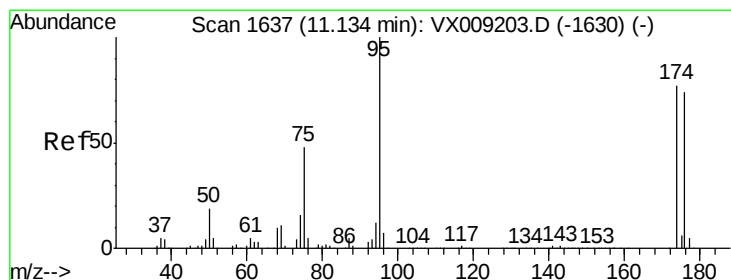
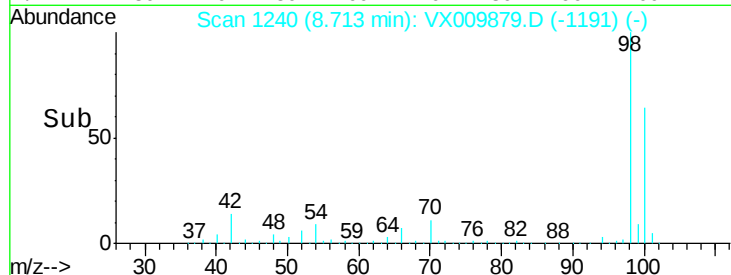
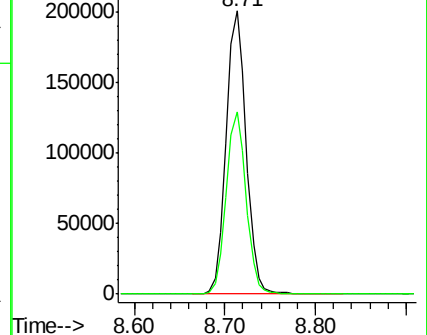
98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.170 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

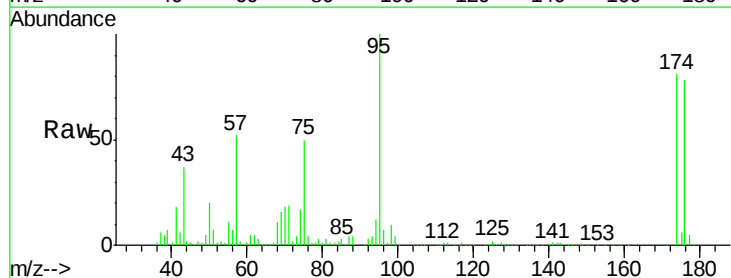
Tgt Ion: 95 Resp: 117130

Ion Ratio Lower Upper

95 100

174 79.1 0.0 161.6

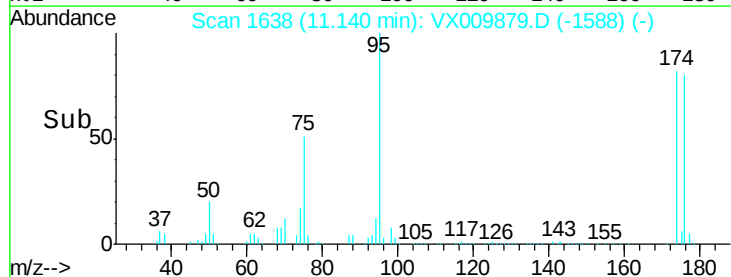
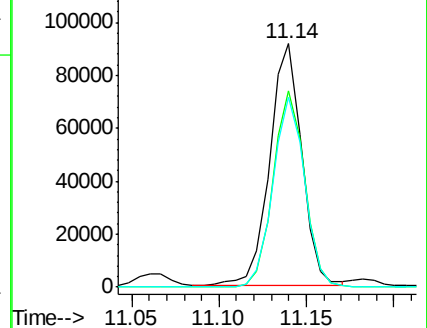
176 77.3 0.0 159.2

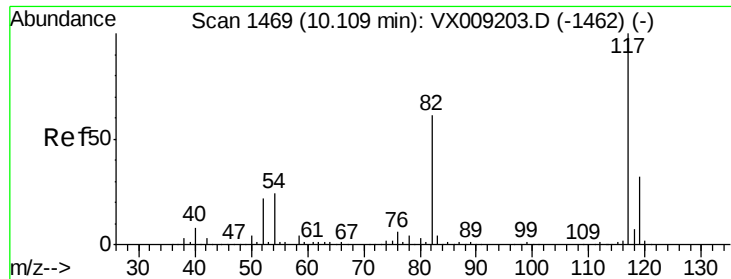


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

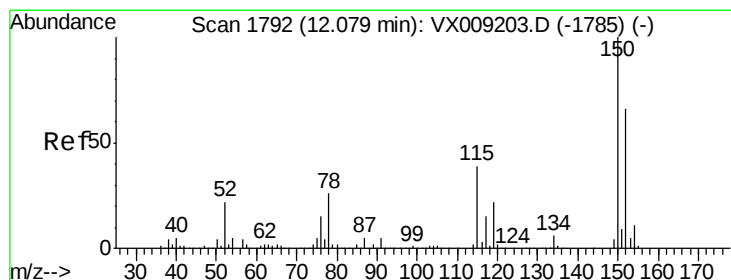
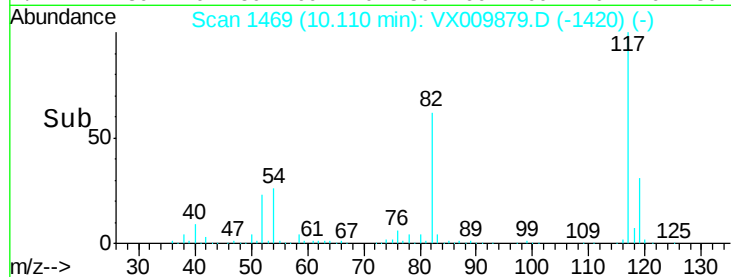
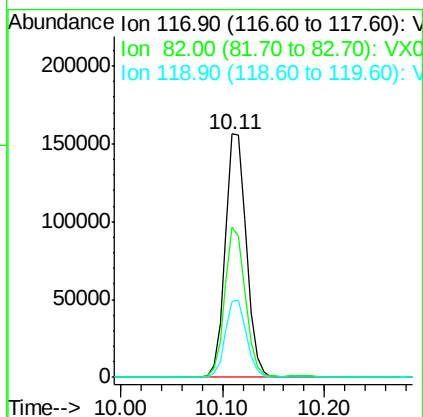
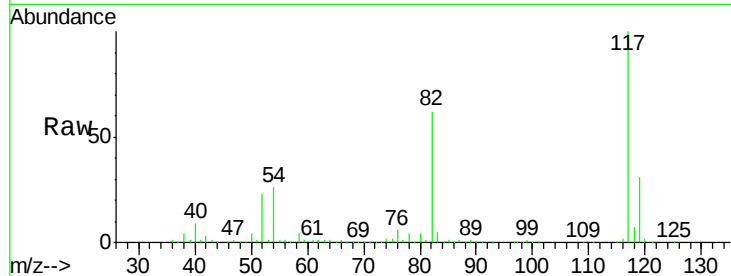




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009879.D
Acq: 24 May 2019 12:17

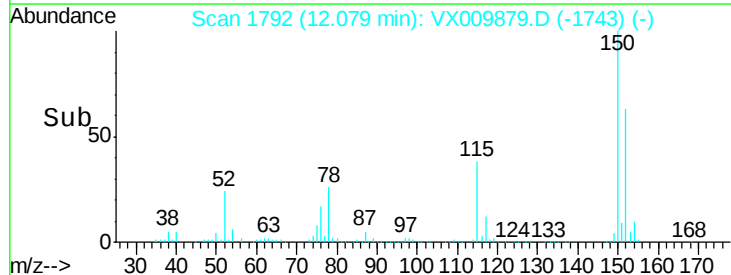
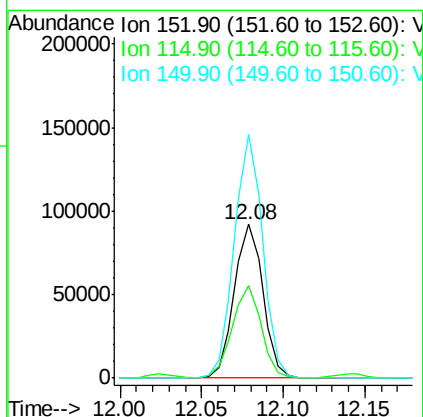
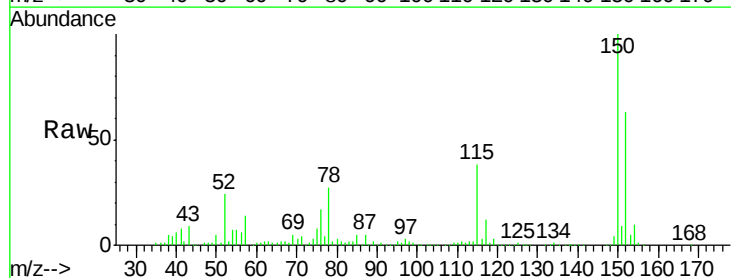
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(17-20)ME

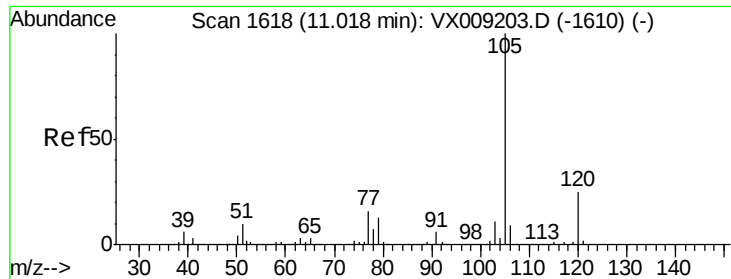
Tot Ion:117 Resp: 223661
Ion Ratio Lower Upper
117 100
82 61.7 48.8 73.2
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009879.D
Acq: 24 May 2019 12:17

Tgt Ion:152 Resp: 112300
Ion Ratio Lower Upper
152 100
115 60.7 41.2 123.6
150 157.0 0.0 346.4





#73

Isopropylbenzene

Concen: 1.383 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

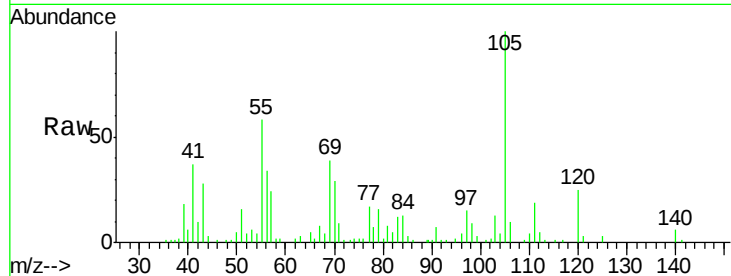
EP1-SB-MW-ER(17-20)ME

Tot Ion:105 Resp: 11295

Ion Ratio Lower Upper

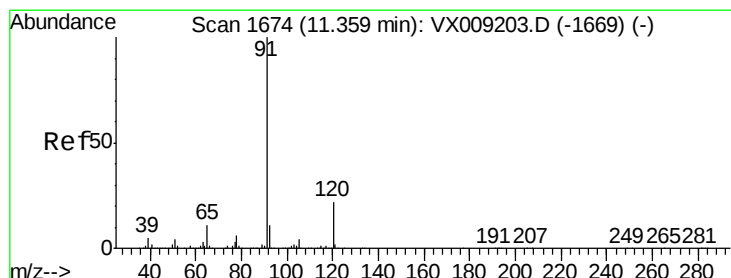
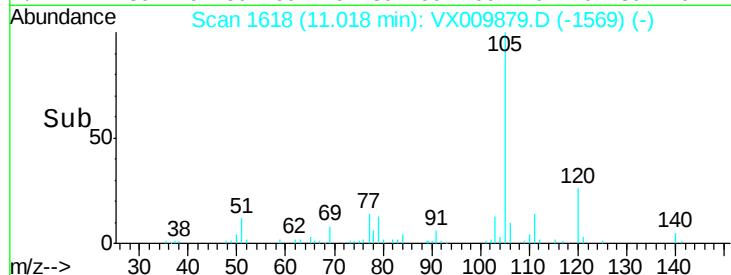
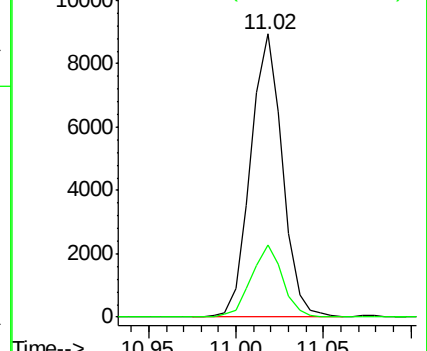
105 100

120 25.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 3.587 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009879.D

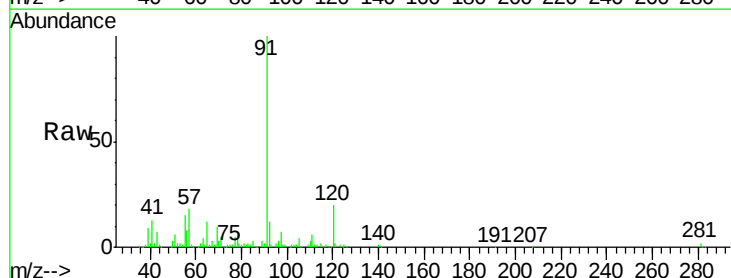
Acq: 24 May 2019 12:17

Tgt Ion: 91 Resp: 33451

Ion Ratio Lower Upper

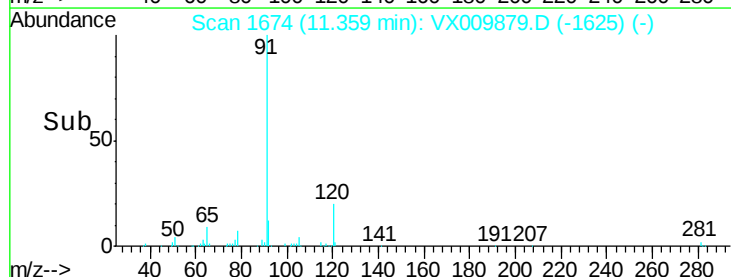
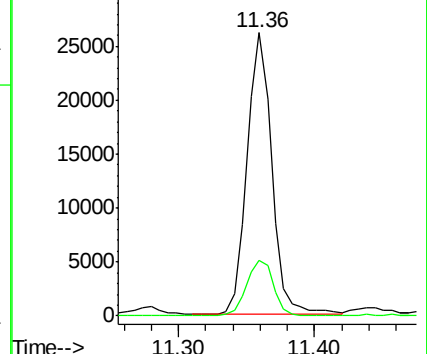
91 100

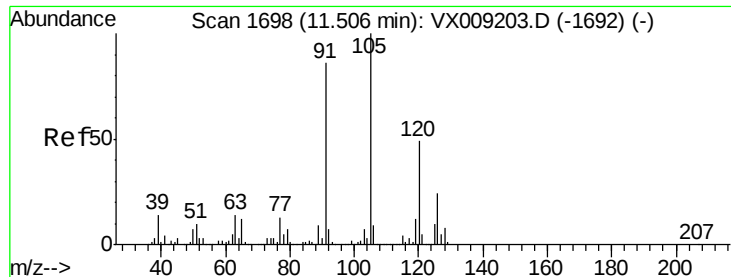
120 21.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 4.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

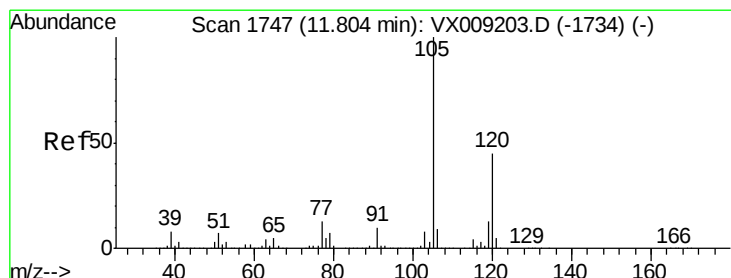
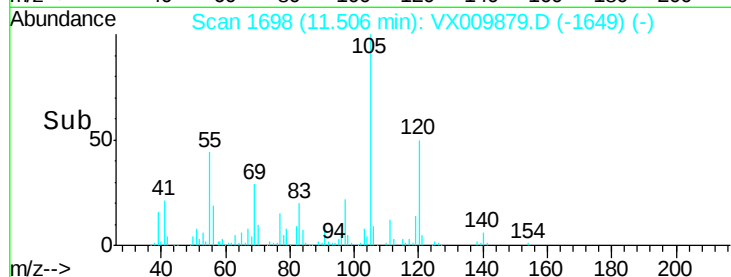
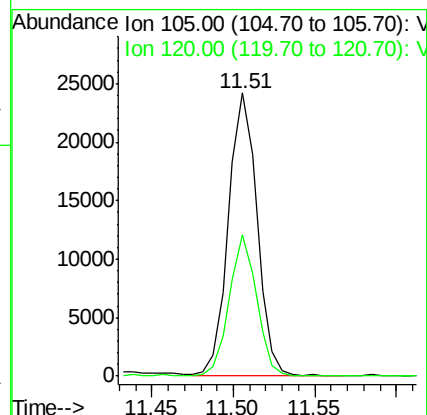
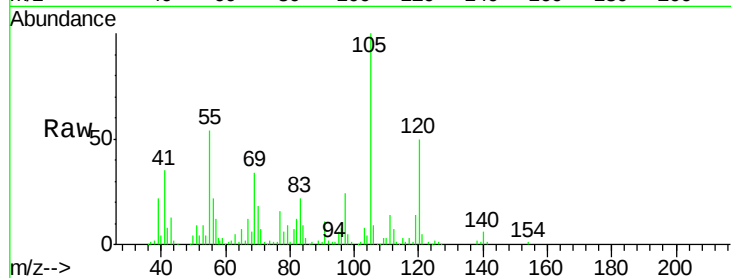
EP1-SB-MW-ER(17-20)ME

Tot Ion:105 Resp: 29725

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 31.937 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009879.D

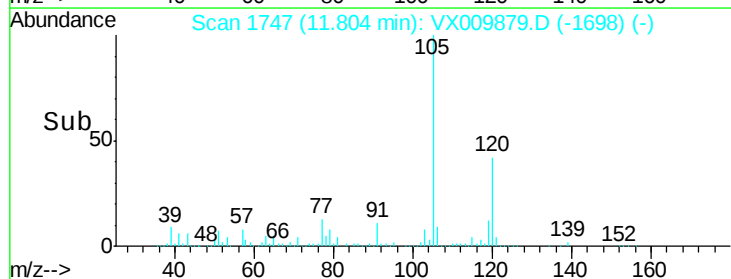
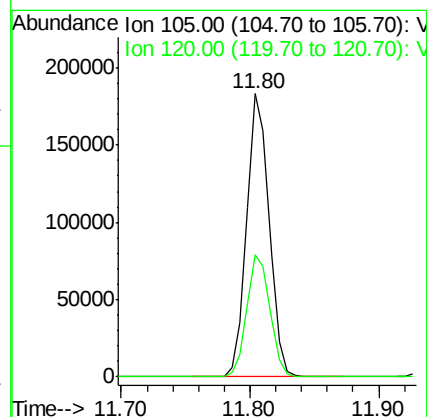
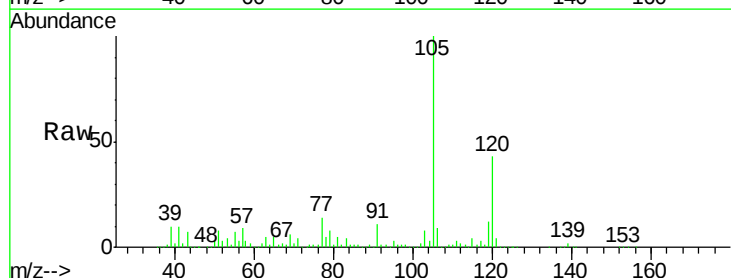
Acq: 24 May 2019 12:17

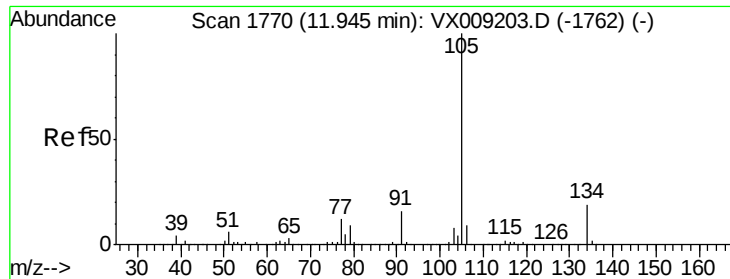
Tgt Ion:105 Resp: 220426

Ion Ratio Lower Upper

105 100

120 44.6 22.0 66.0

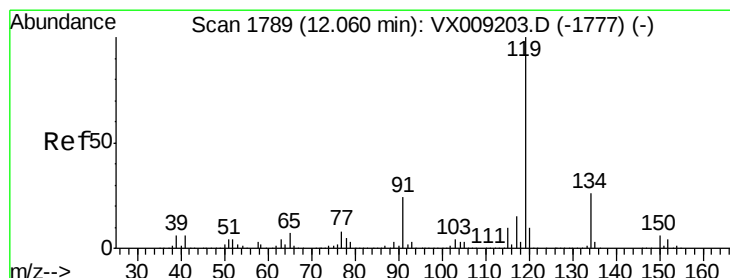
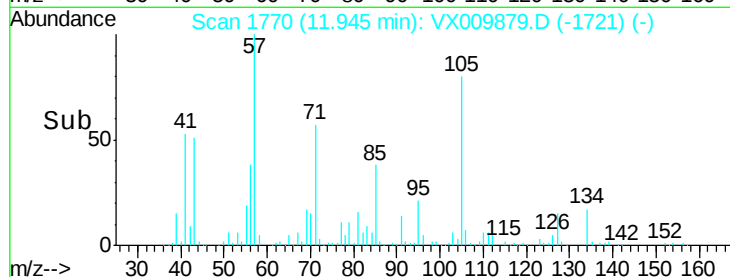
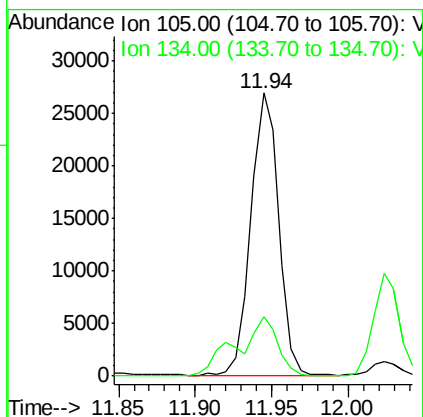
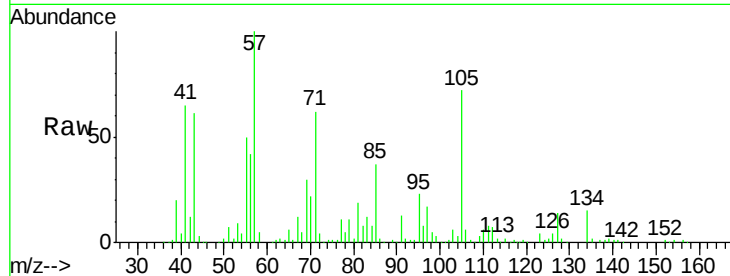




#85
 sec-Butylbenzene
 Concen: 4.265 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009879.D
 Acq: 24 May 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(17-20)ME

Tot Ion:105 Resp: 33822
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.142 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX009879.D
 Acq: 24 May 2019 12:17

Tgt Ion:119 Resp: 29532
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.9 38.7
 91 24.8 11.8 35.4

