

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009410.D
 Acq On : 08 May 2019 19:52
 Operator : JC/SP
 Sample : K2645-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-02-050719-D

Quant Time: May 09 07:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

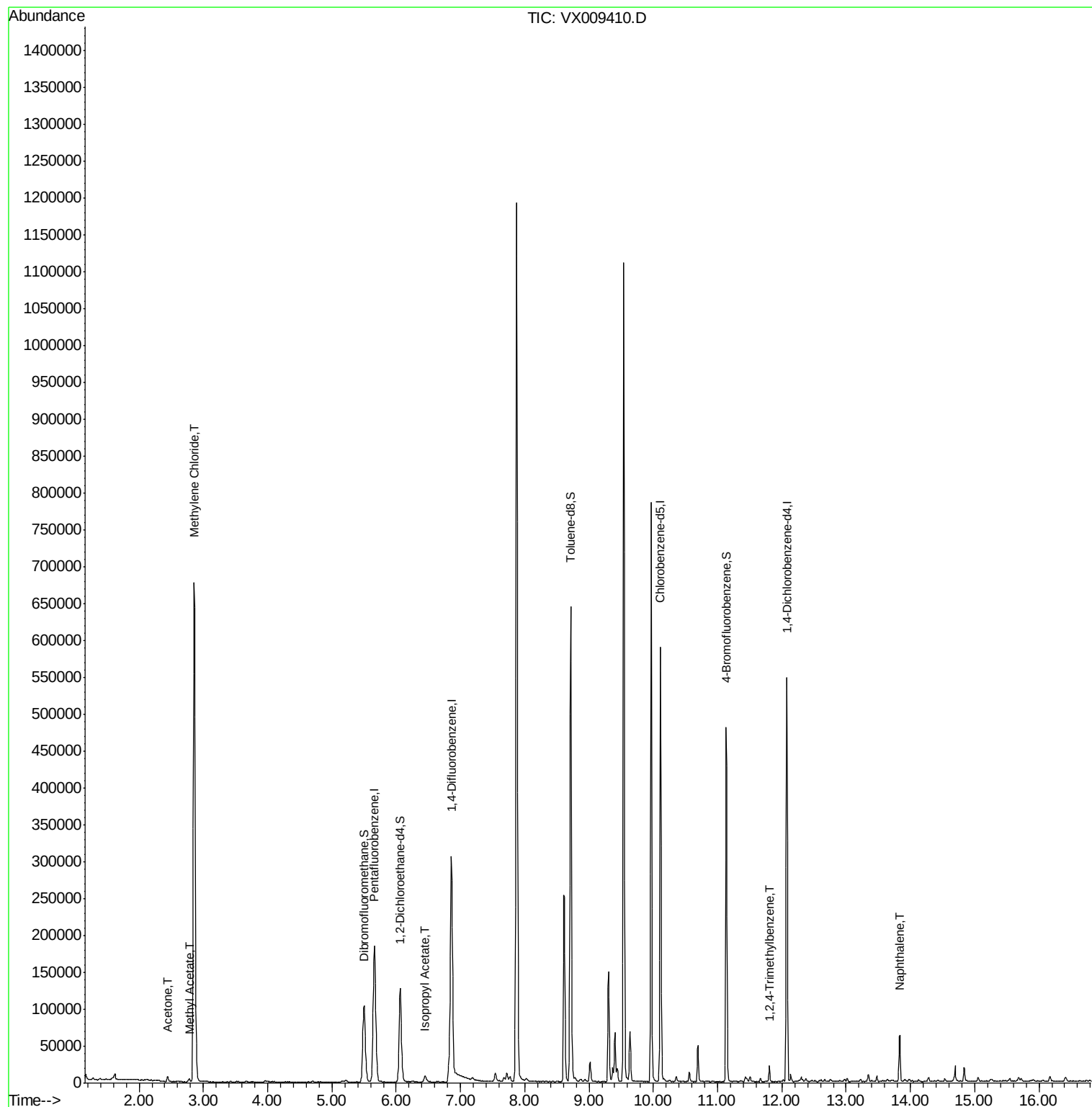
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119667	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
35) Dibromofluoromethane	5.49	113	89682	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	372549	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	125954	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
16) Acetone	2.45	43	7565	5.655	ug/l	94
18) Methyl Acetate	2.78	43	5502	1.729	ug/l	93
20) Methylene Chloride	2.85	84	315259	145.555	ug/l	98
43) Isopropyl Acetate	6.45	43	11608	1.909	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	8756	1.239	ug/l	99
95) Naphthalene	13.83	128	39471	4.708	ug/l	98

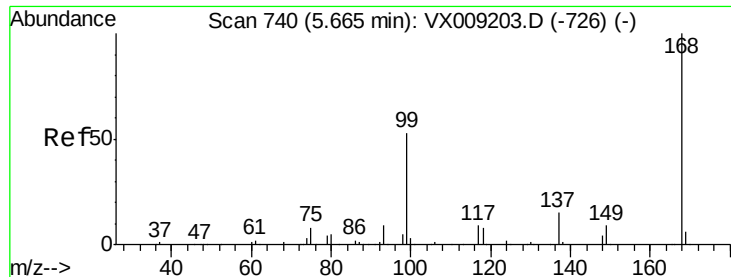
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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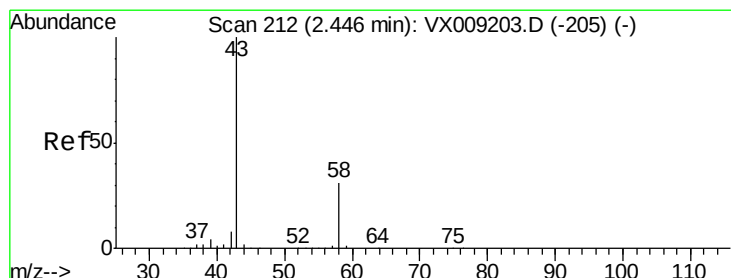
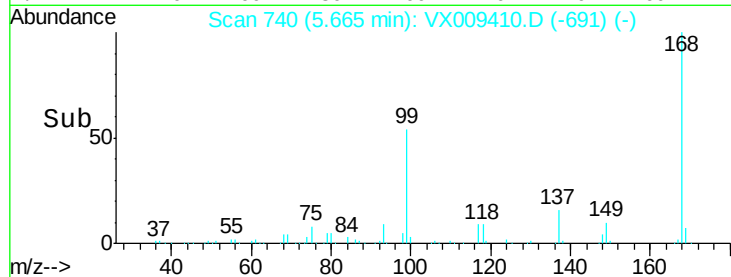
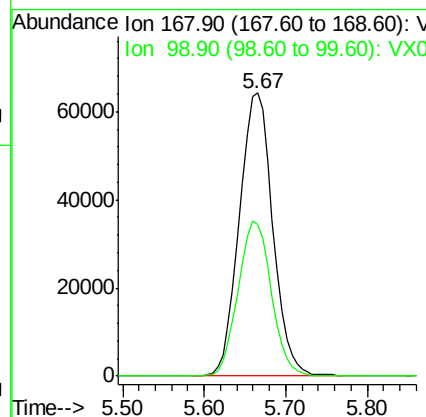
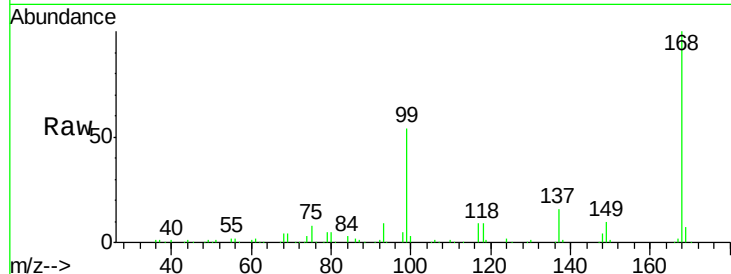




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

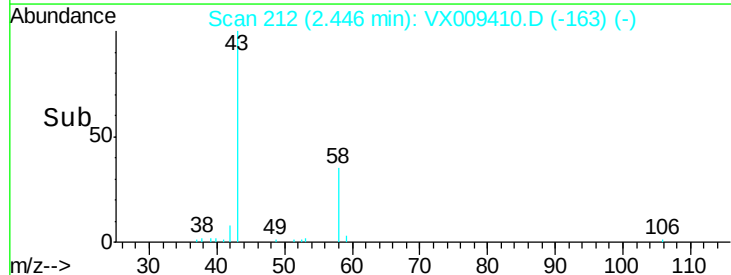
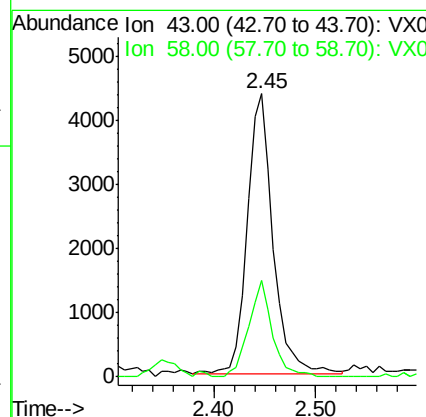
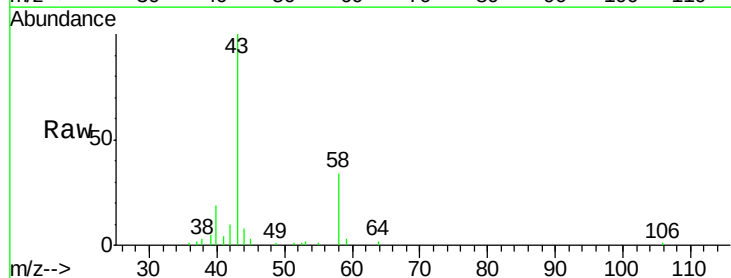
Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-D

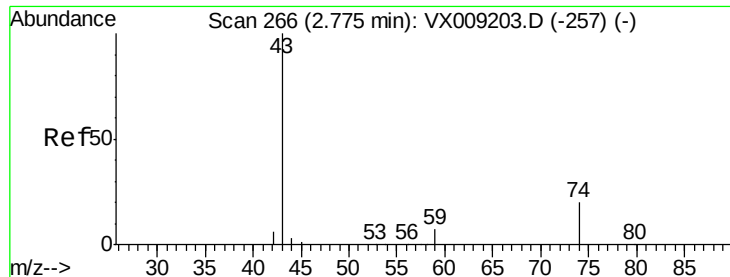
Tot Ion:168 Resp: 182492
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5



#16
Acetone
Concen: 5.655 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 7565
Ion Ratio Lower Upper
43 100
58 34.5 24.9 37.3

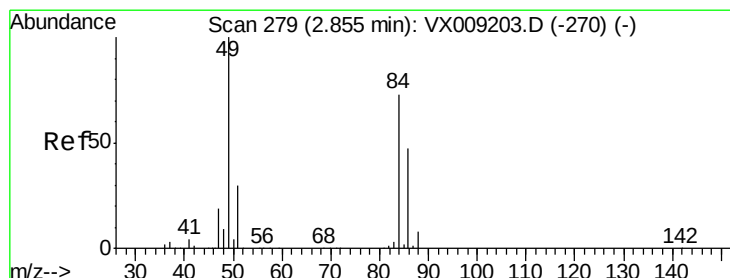
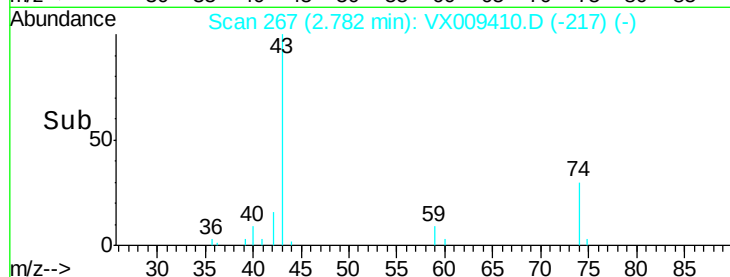
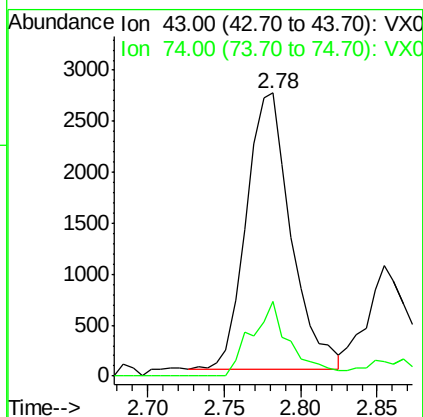
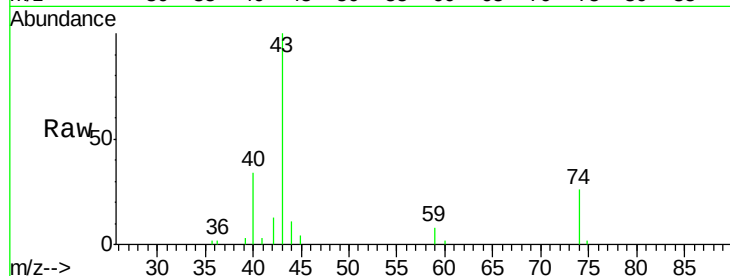




#18
Methvl Acetate
Concen: 1.729 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

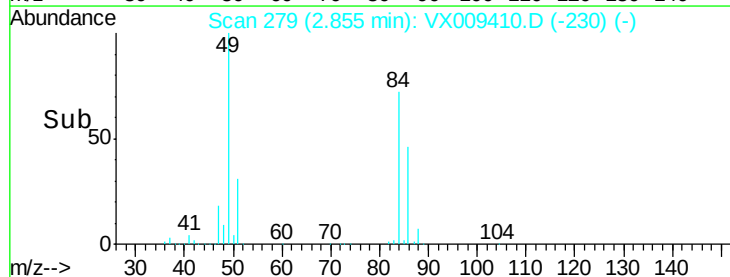
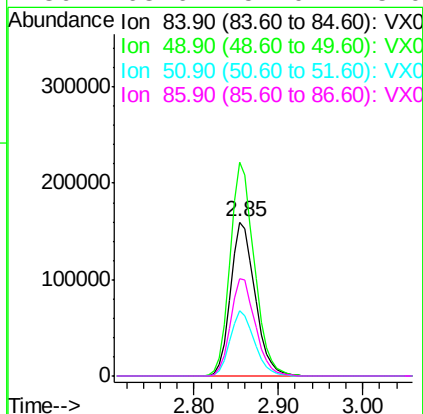
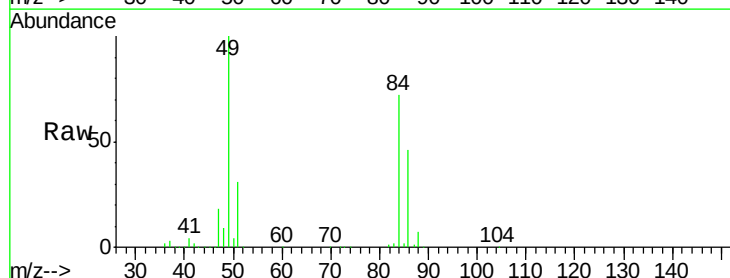
Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-D

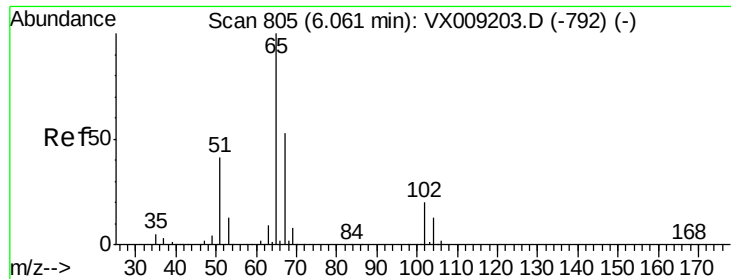
Tot Ion: 43 Resp: 5502
Ion Ratio Lower Upper
43 100
74 23.4 16.2 24.4



#20
Methylene Chloride
Concen: 145.555 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 84 Resp: 315259
Ion Ratio Lower Upper
84 100
49 138.8 109.9 164.9
51 42.6 32.7 49.1
86 63.6 52.0 78.0

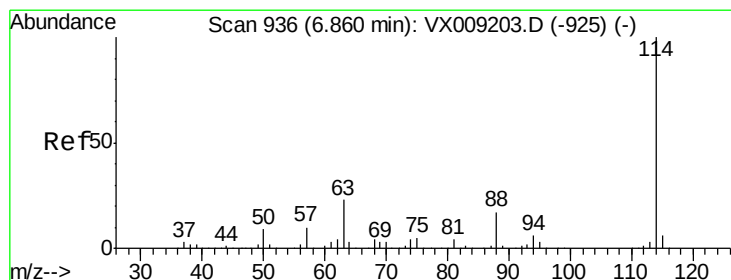
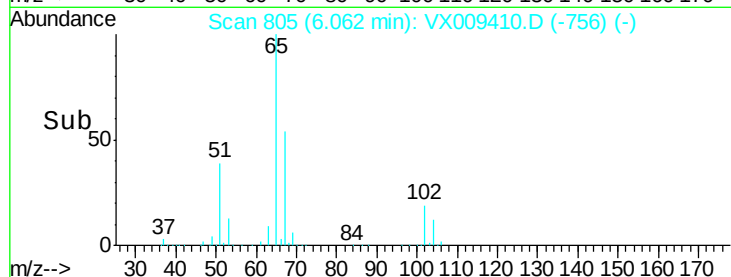
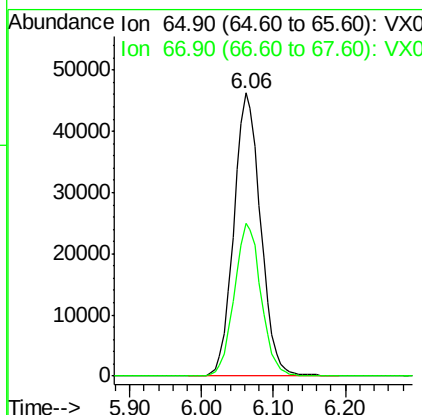
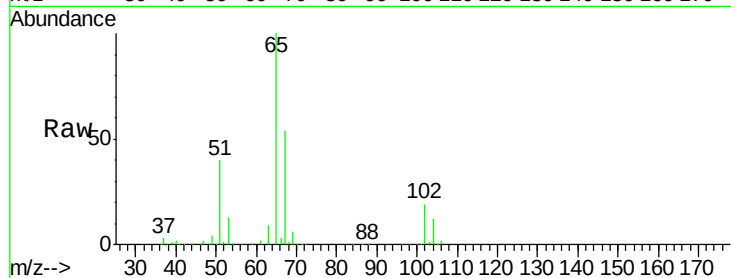




#33
 1,2-Dichloroethane-d4
 Concen: 48.035 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009410.D
 Acq: 08 May 2019 19:52

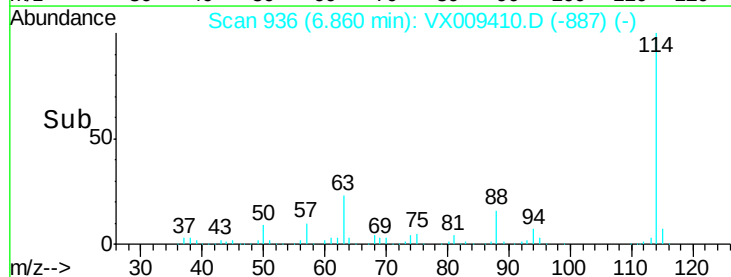
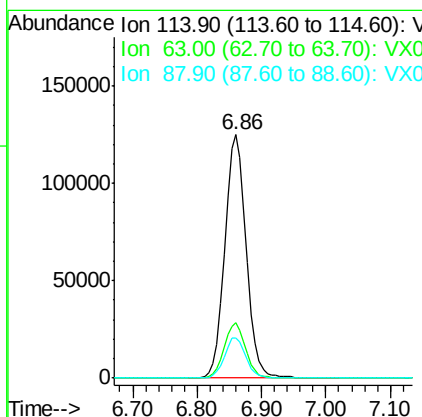
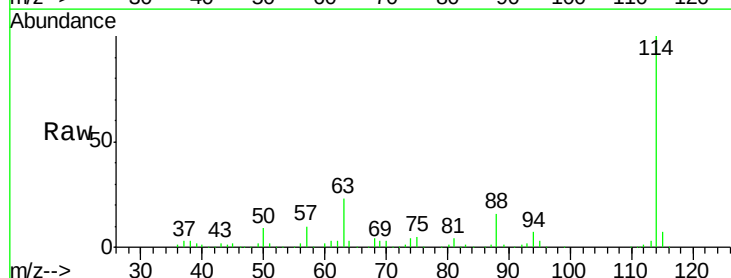
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-02-050719-D

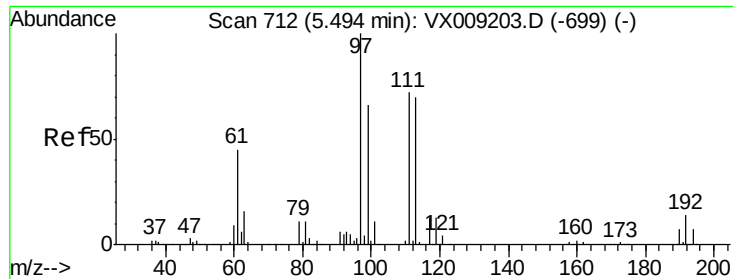
Tot Ion: 65 Resp: 119667
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009410.D
 Acq: 08 May 2019 19:52

Tgt Ion: 114 Resp: 293607
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.589 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

PL-02-050719-D

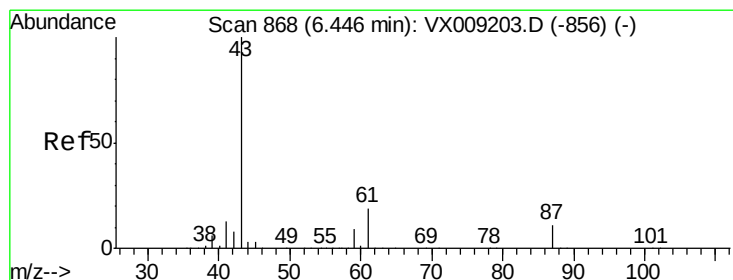
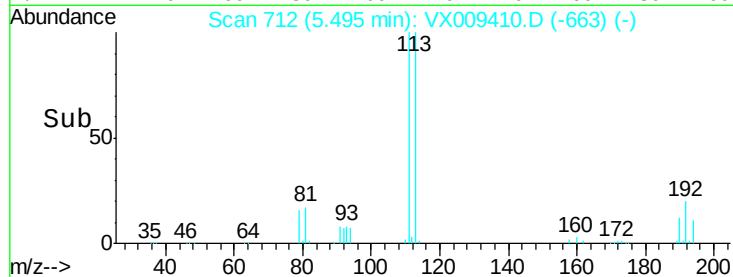
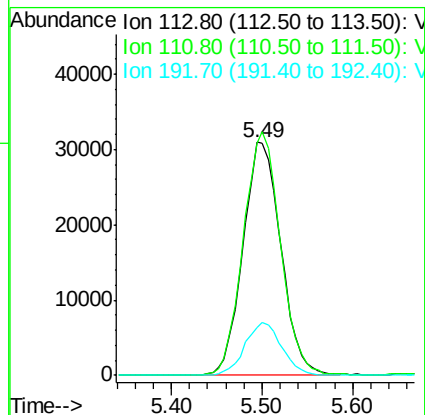
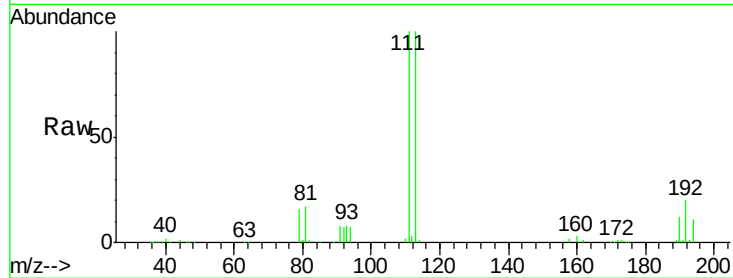
Tot Ion:113 Resp: 89682

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 22.0 17.0 25.6



#43

Isopropyl Acetate

Concen: 1.909 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

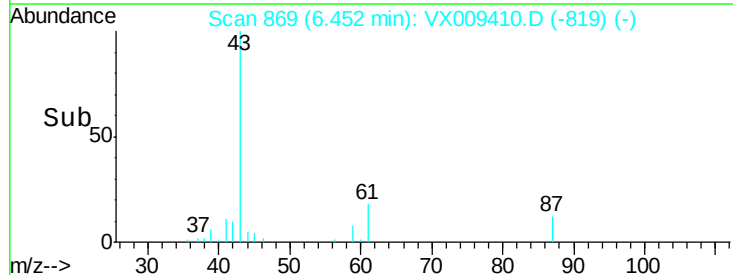
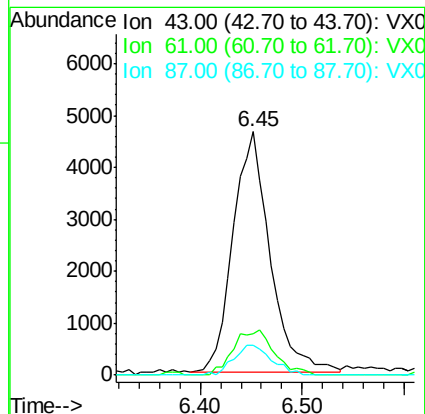
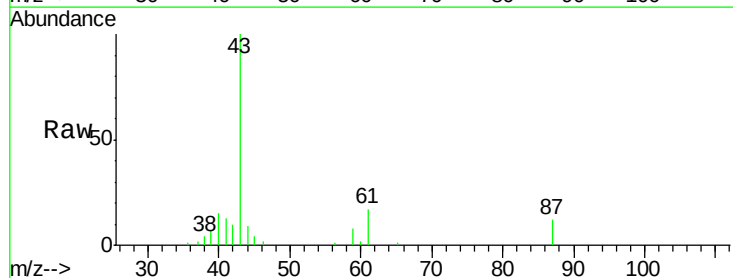
Tgt Ion: 43 Resp: 11608

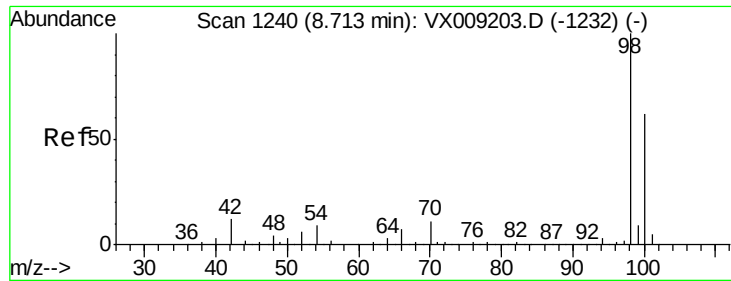
Ion Ratio Lower Upper

43 100

61 20.9 15.1 22.7

87 12.7 9.0 13.6





#50

Toluene-d8

Concen: 49.995 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

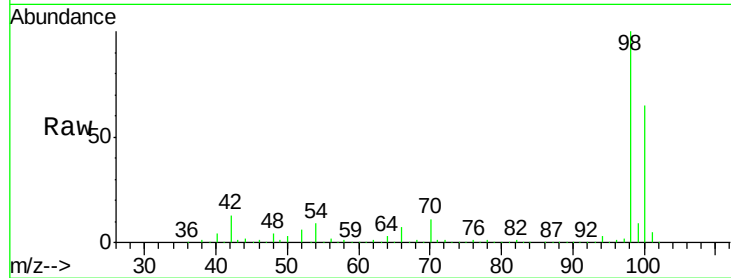
PL-02-050719-D

Tot Ion: 98 Resp: 372549

Ion Ratio Lower Upper

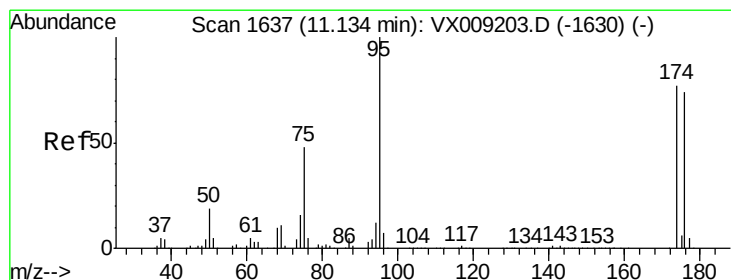
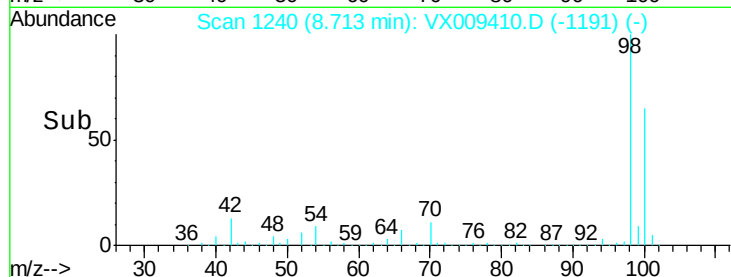
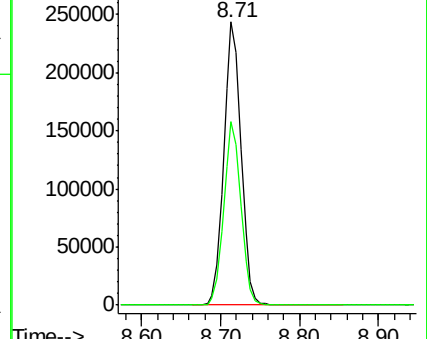
98 100

100 64.3 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: 46.518 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

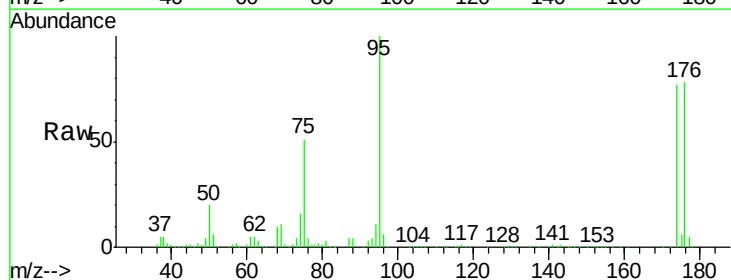
Tgt Ion: 95 Resp: 125954

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

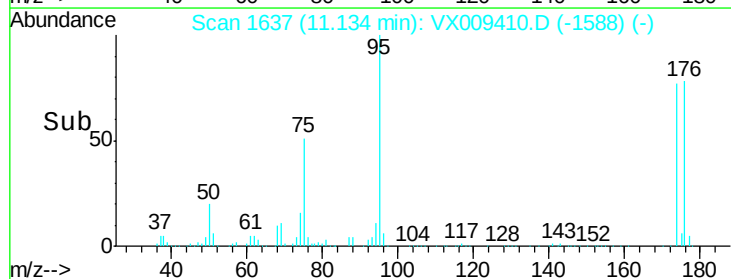
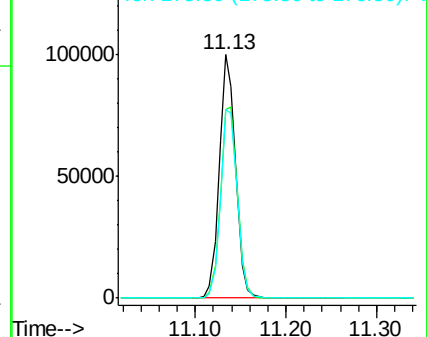
176 79.6 0.0 159.2

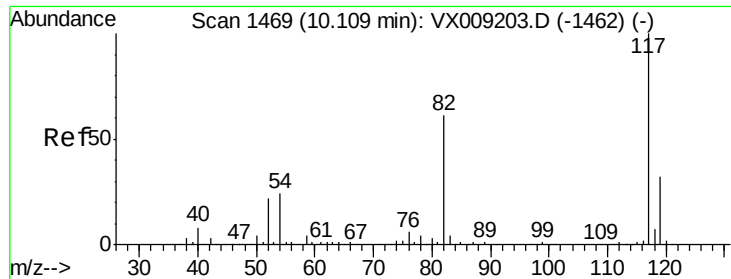


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

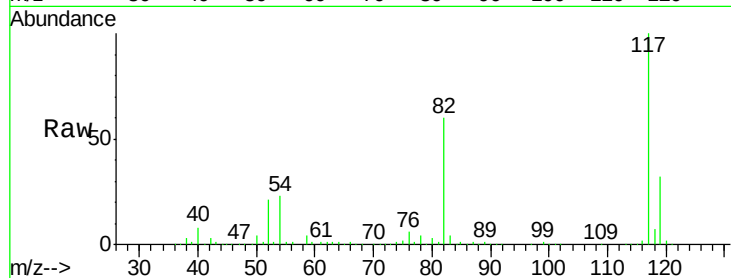




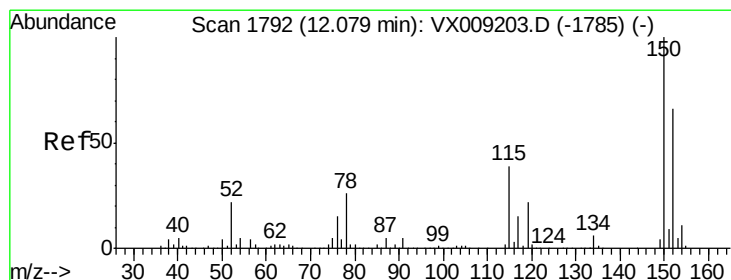
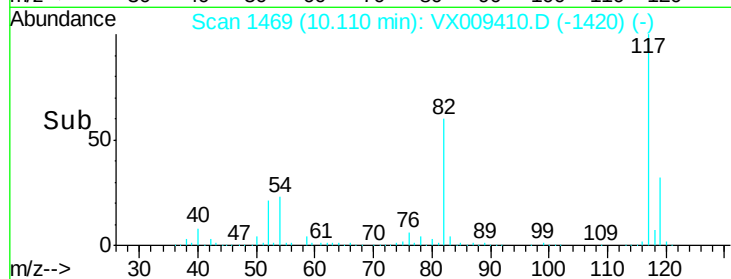
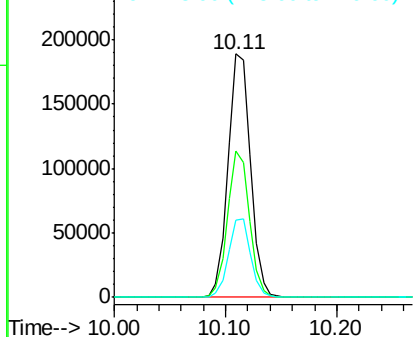
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009410.D
 Acq: 08 May 2019 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-02-050719-D

Tot Ion:117 Resp: 264060
 Ion Ratio Lower Upper
 117 100
 82 60.2 48.8 73.2
 119 31.6 25.8 38.6

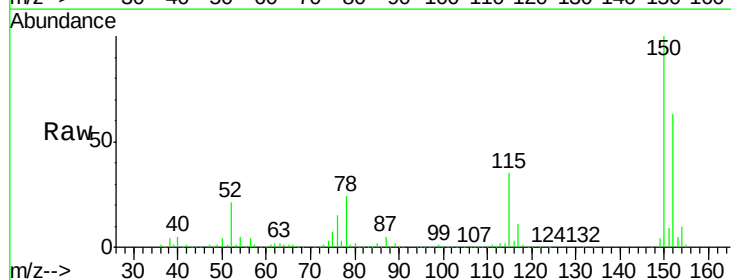


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V

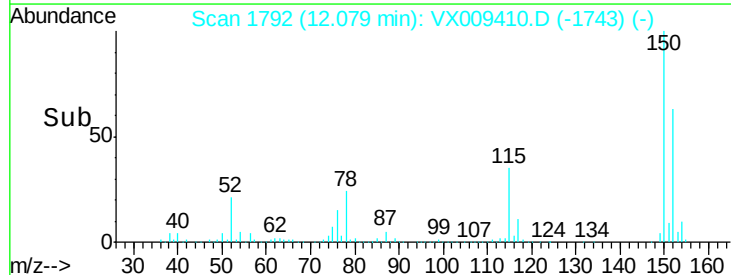
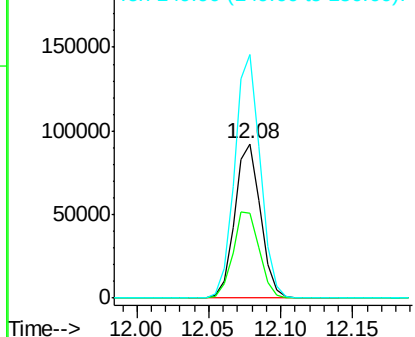


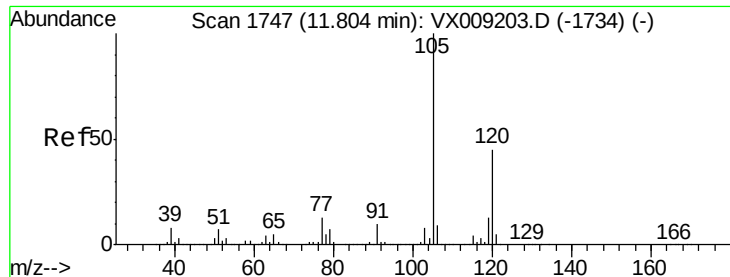
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009410.D
 Acq: 08 May 2019 19:52

Tgt Ion:152 Resp: 114994
 Ion Ratio Lower Upper
 152 100
 115 58.0 41.2 123.6
 150 158.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.239 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

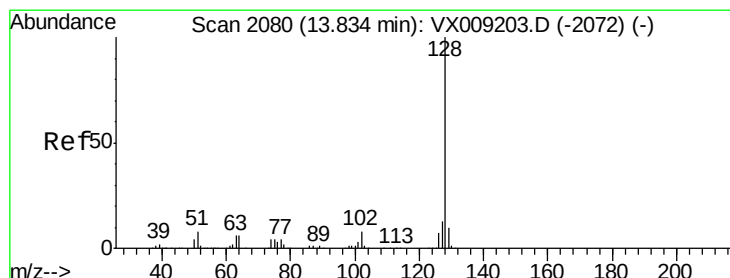
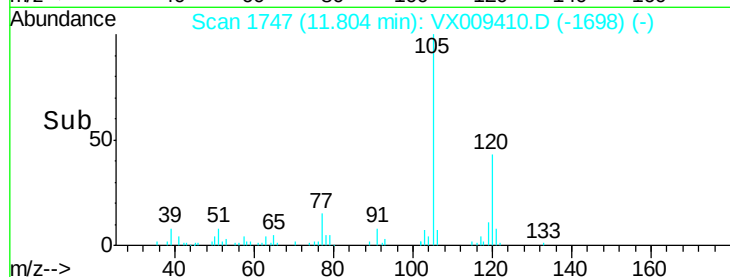
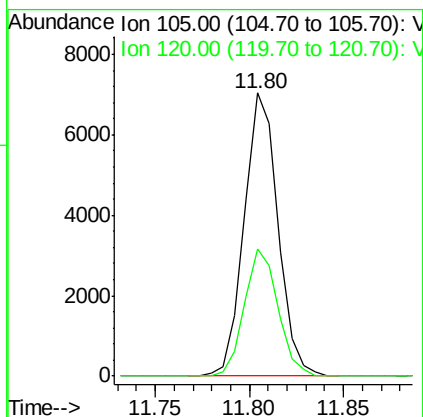
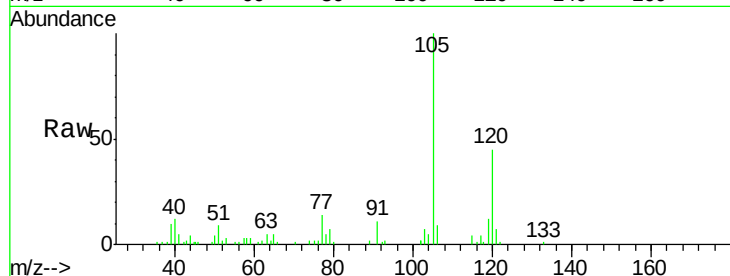
PL-02-050719-D

Tot Ion:105 Resp: 8756

Ion Ratio Lower Upper

105 100

120 44.5 22.0 66.0



#95

Naphthalene

Concen: 4.708 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009410.D

Acq: 08 May 2019 19:52

Tgt Ion:128 Resp: 39471

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.6 8.6 13.0

