

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021219\
 Data File : VX007494.D
 Acq On : 12 Feb 2019 17:43
 Operator : JC/SP
 Sample : K1457-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQUID-03

Quant Time: Feb 13 01:17:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

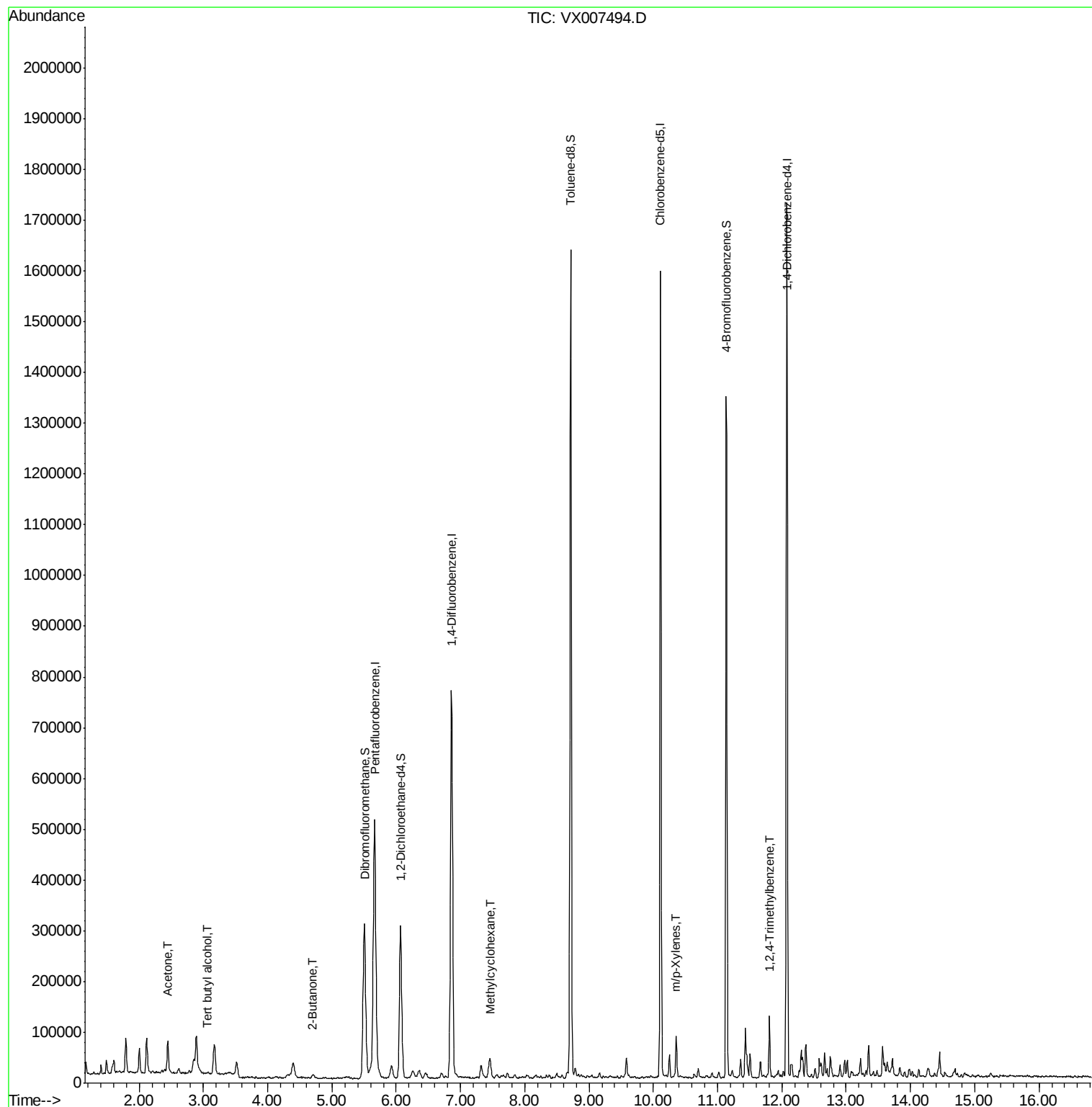
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	810418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	755231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	277975	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	5.51	113	256962	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	964370	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	340211	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	4295	3.746	ug/l #	42
16) Acetone	2.45	43	69130	27.236	ug/l	98
25) 2-Butanone	4.70	43	11182	3.096	ug/l	100
39) Methylcyclohexane	7.46	83	18711	2.127	ug/l	97
68) m/p-Xylenes	10.36	106	20224	1.917	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	51675	2.464	ug/l	99

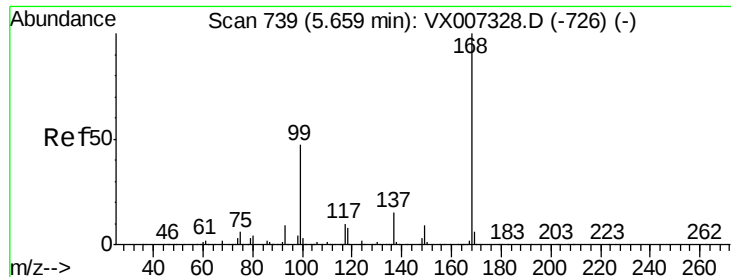
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007494.D

Acq: 12 Feb 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

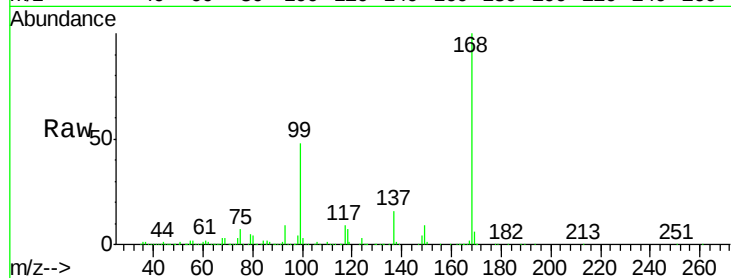
IDW-LIQUID-03

Tot Ion:168 Resp: 522031

Ion Ratio Lower Upper

168 100

99 47.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

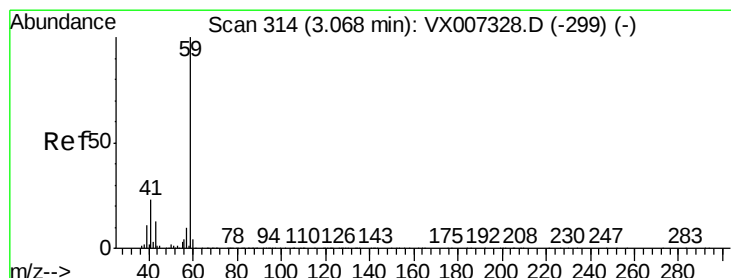
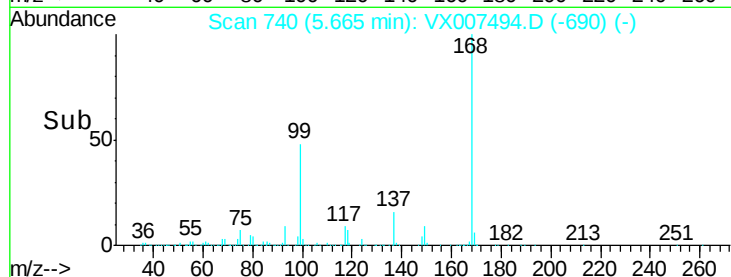
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 3.746 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007494.D

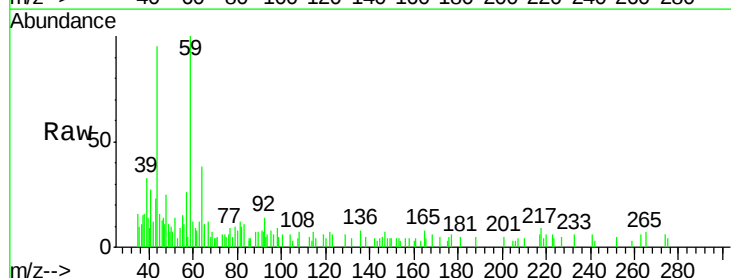
Acq: 12 Feb 2019 17:43

Tgt Ion: 59 Resp: 4295

Ion Ratio Lower Upper

59 100

57 31.6 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

20000

15000

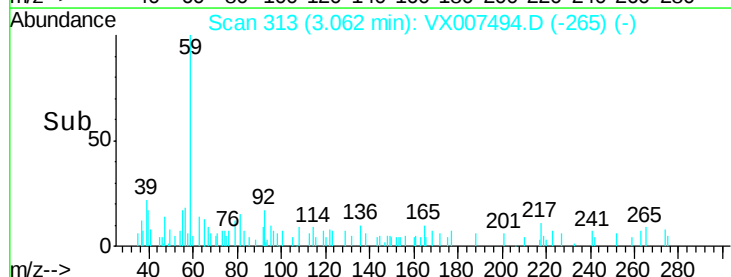
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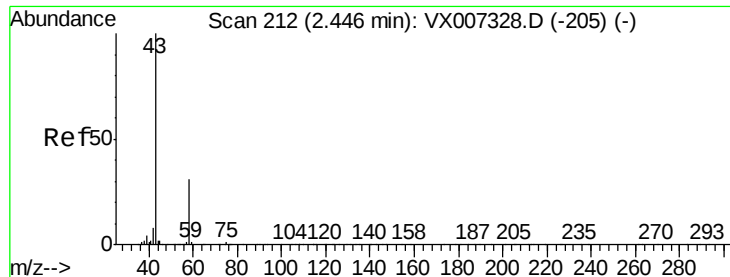
5000

0

2.95 3.00 3.05 3.10 3.15

Time-->





#16

Acetone

Concen: 27.236 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007494.D

Acq: 12 Feb 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

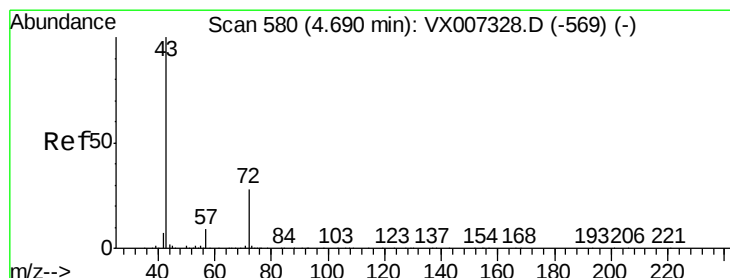
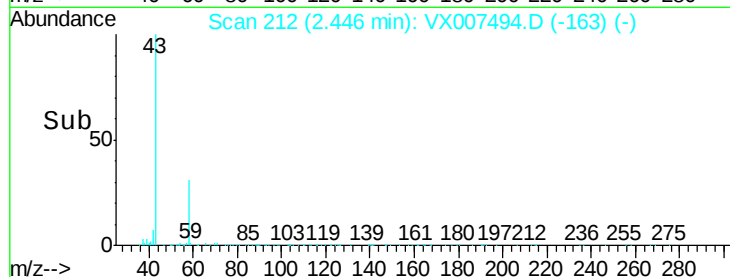
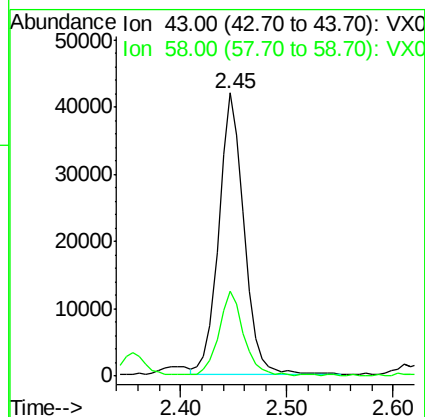
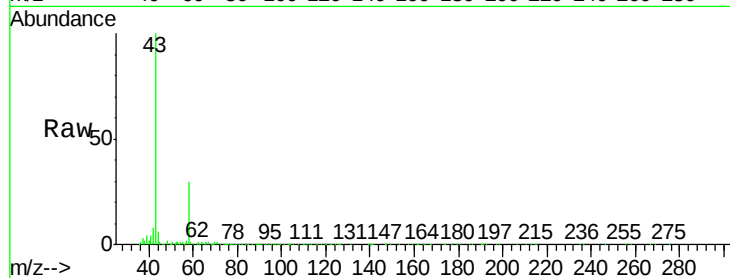
IDW-LIQUID-03

Tot Ion: 43 Resp: 69130

Ion Ratio Lower Upper

43 100

58 30.2 24.9 37.3



#25

2-Butanone

Concen: 3.096 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007494.D

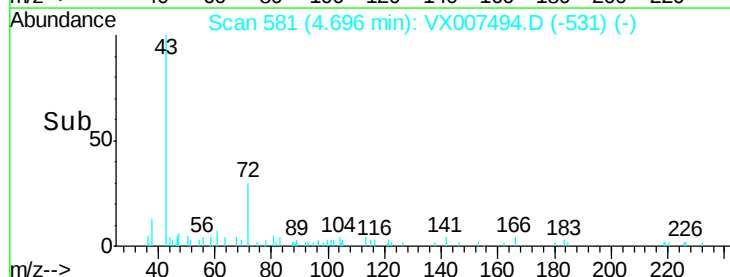
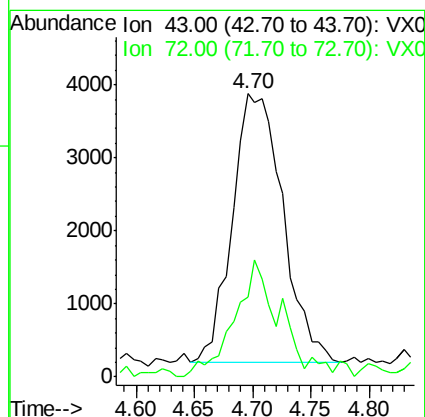
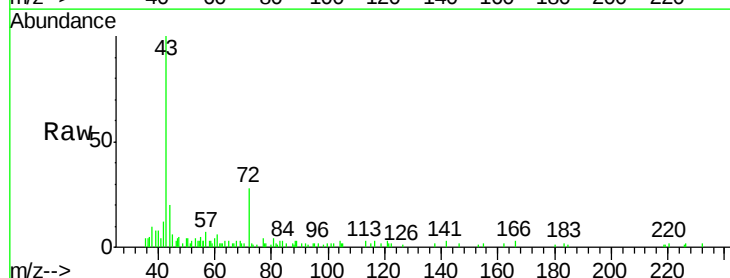
Acq: 12 Feb 2019 17:43

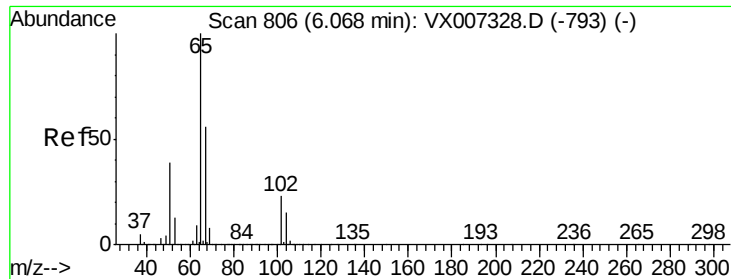
Tgt Ion: 43 Resp: 11182

Ion Ratio Lower Upper

43 100

72 27.8 22.2 33.2

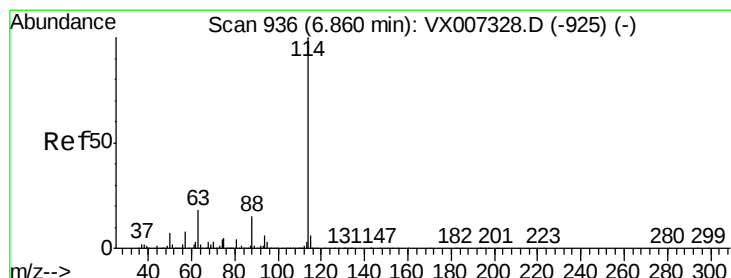
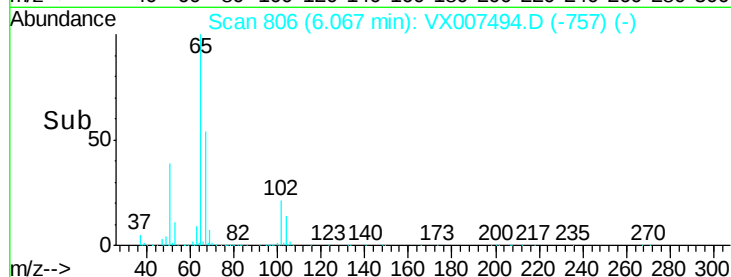
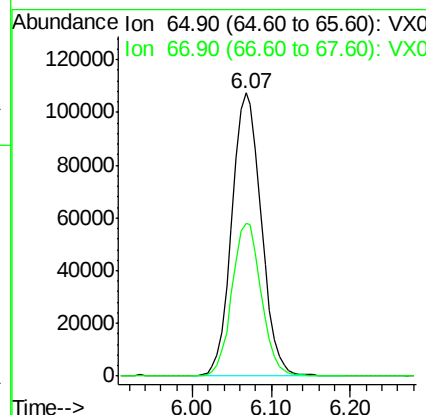
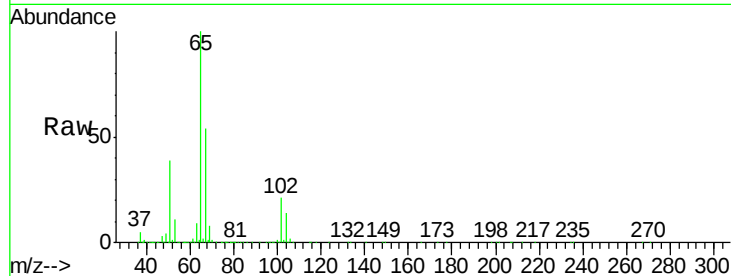




#33
 1,2-Dichloroethane-d4
 Concen: 50.167 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007494.D
 Acq: 12 Feb 2019 17:43

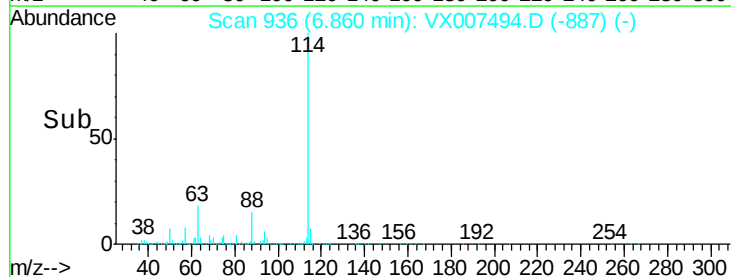
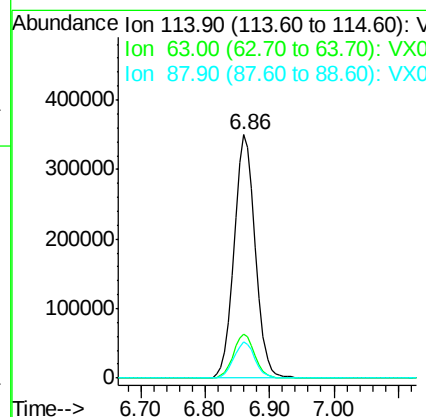
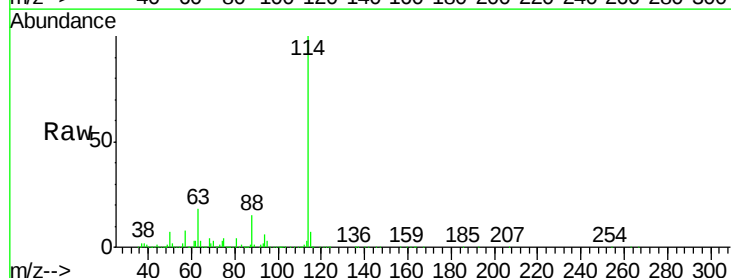
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQUID-03

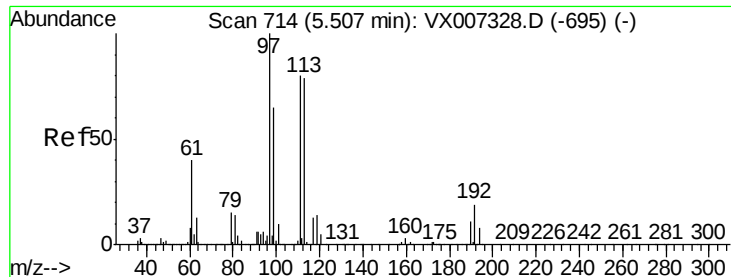
Tot Ion: 65 Resp: 277975
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007494.D
 Acq: 12 Feb 2019 17:43

Tgt Ion: 114 Resp: 810418
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.7 0.0 29.6

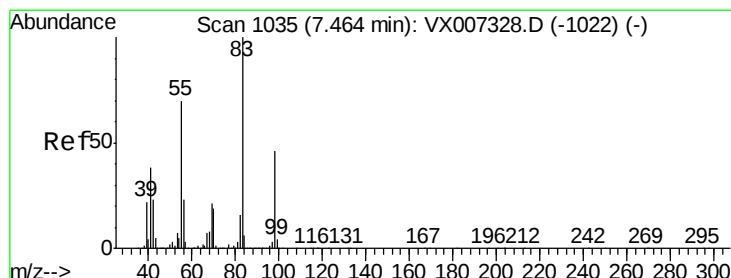
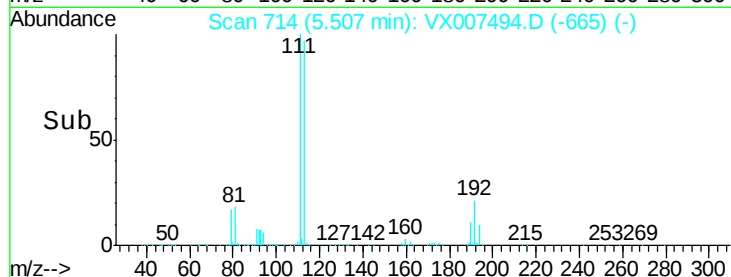
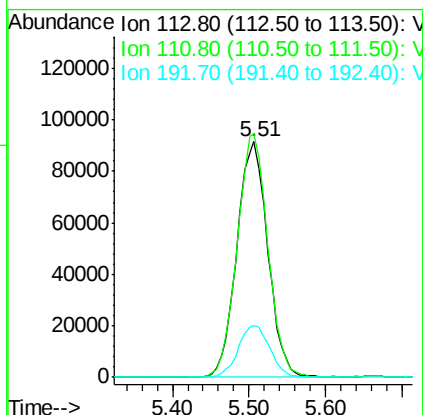
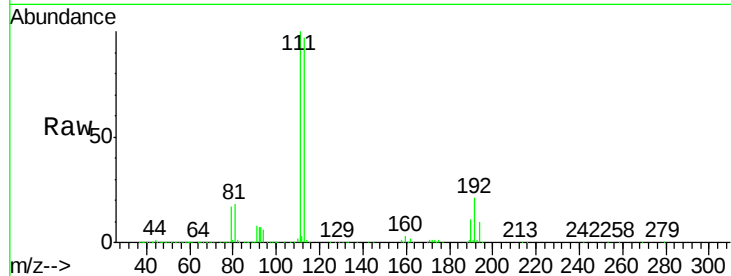




#35
Dibromofluoromethane
Concen: 48.731 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX007494.D
Acq: 12 Feb 2019 17:43

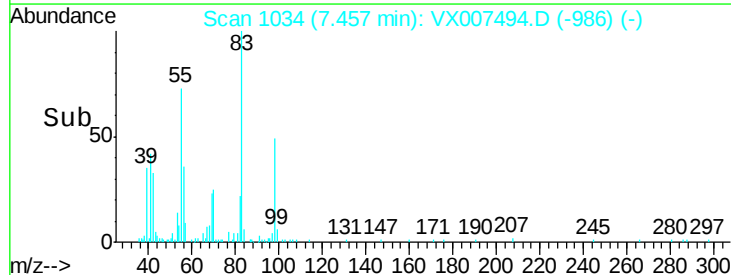
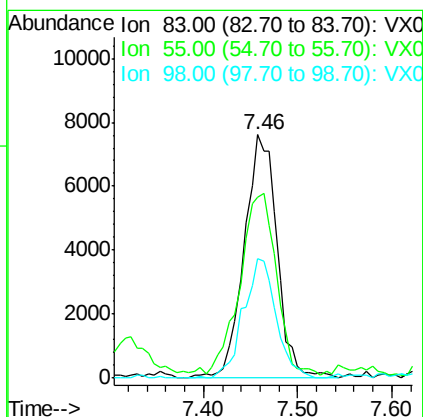
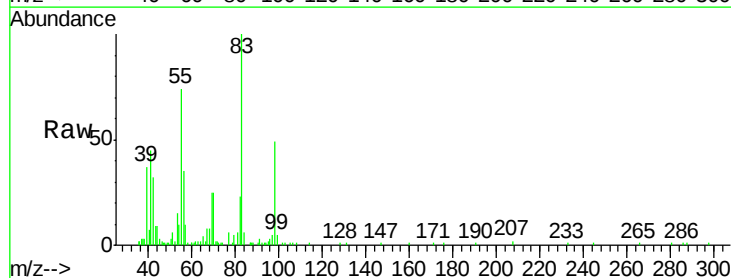
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-03

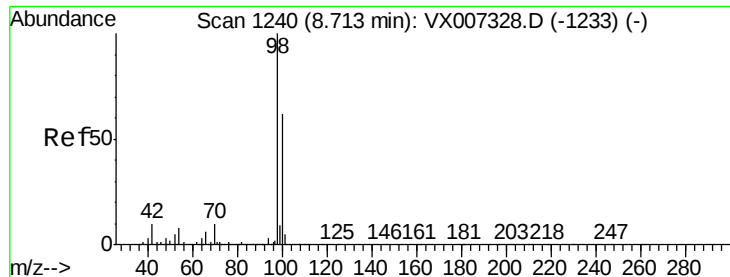
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	22.6	18.5	27.7



#39
Methylcyclohexane
Concen: 2.127 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007494.D
Acq: 12 Feb 2019 17:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.3	56.2	84.2
98	49.0	36.8	55.2





#50

Toluene-d8

Concen: 49.293 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007494.D

Acq: 12 Feb 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

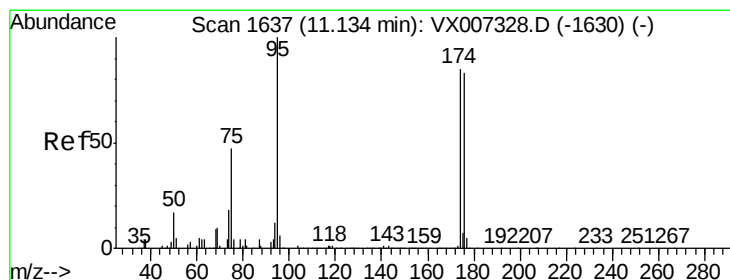
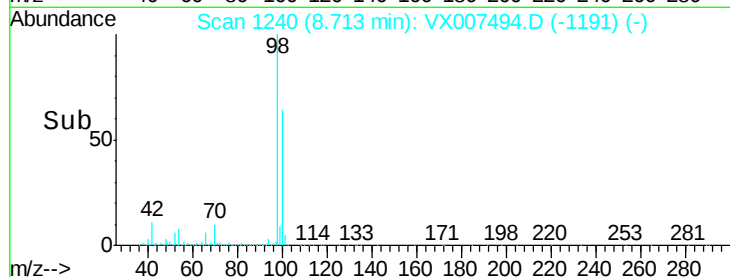
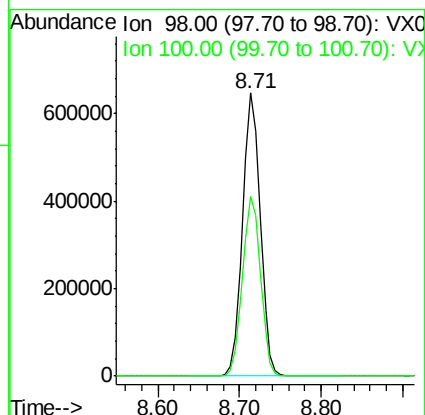
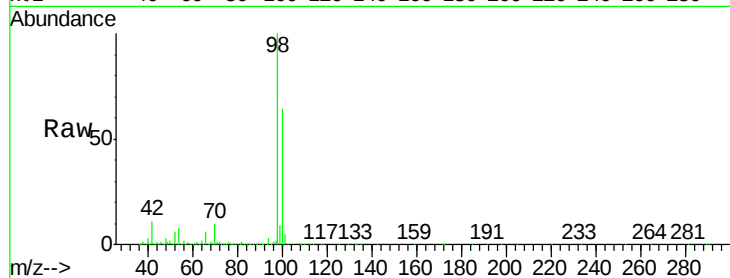
IDW-LIQUID-03

Tot Ion: 98 Resp: 964370

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.629 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007494.D

Acq: 12 Feb 2019 17:43

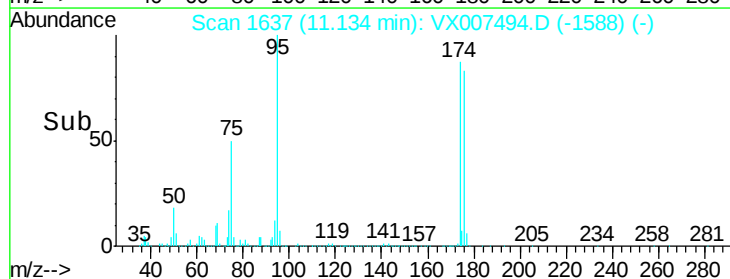
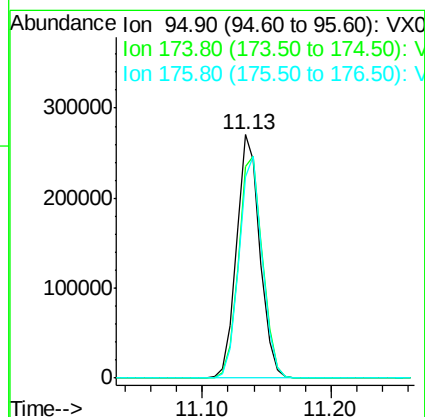
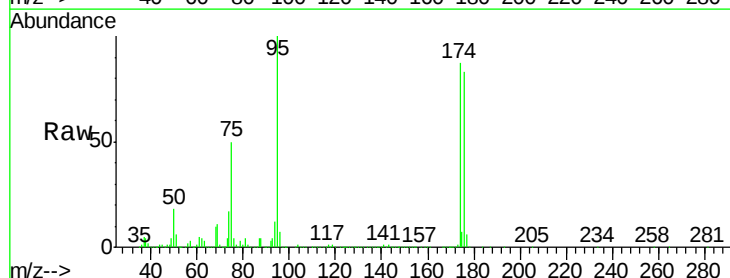
Tgt Ion: 95 Resp: 340211

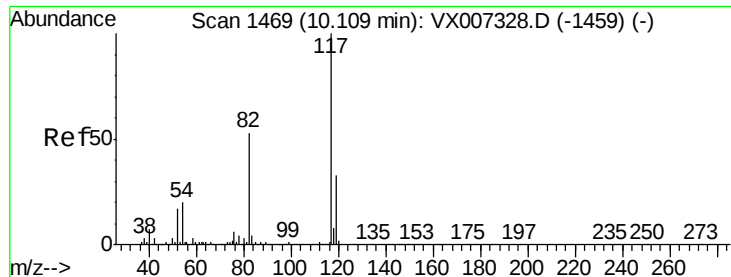
Ion Ratio Lower Upper

95 100

174 93.9 0.0 189.2

176 90.5 0.0 186.2

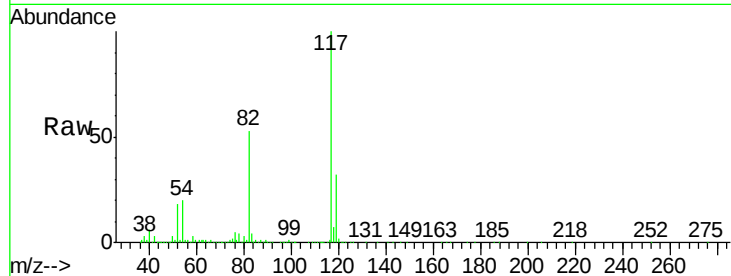




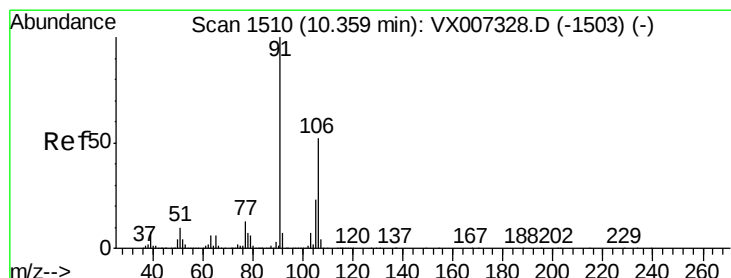
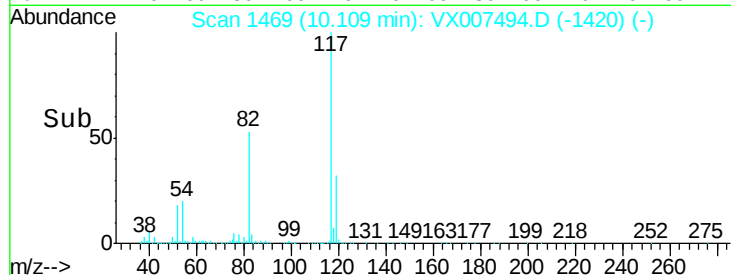
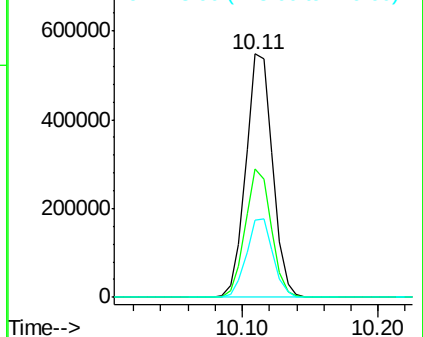
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007494.D
Acq: 12 Feb 2019 17:43

Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-03

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.1	63.1
119	31.8	26.5	39.7

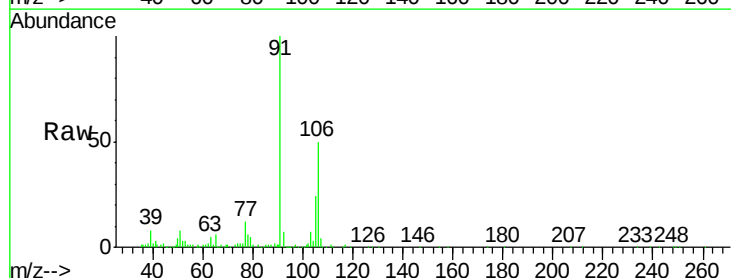


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

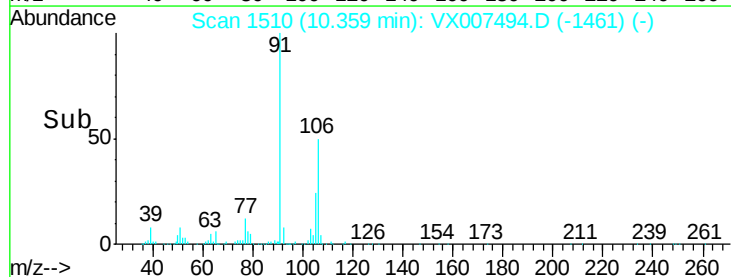
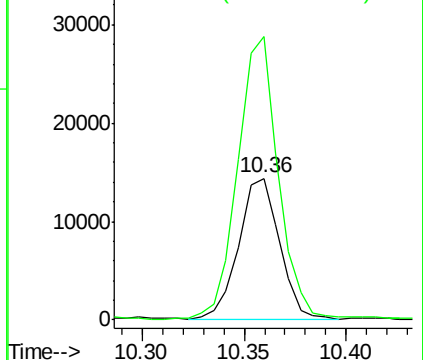


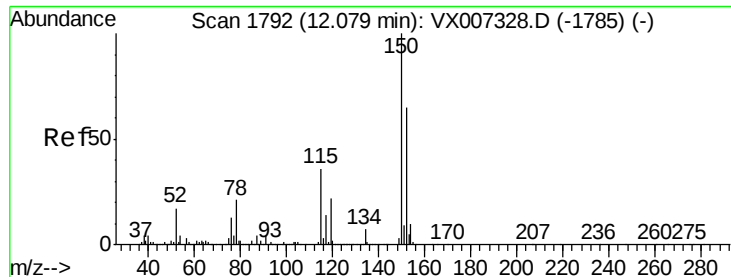
#68
m/p-Xylenes
Concen: 1.917 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007494.D
Acq: 12 Feb 2019 17:43

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.6	156.6	234.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007494.D

Acq: 12 Feb 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

IDW-LIQUID-03

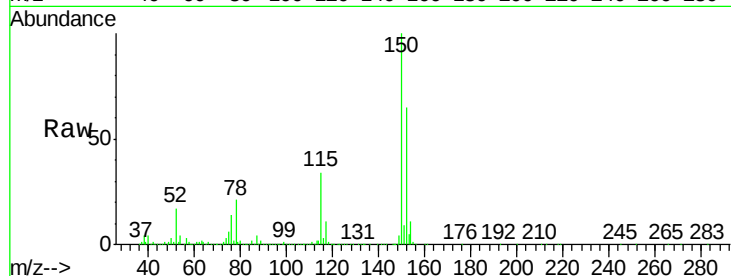
Tot Ion:152 Resp: 371512

Ion Ratio Lower Upper

152 100

115 53.7 38.0 114.0

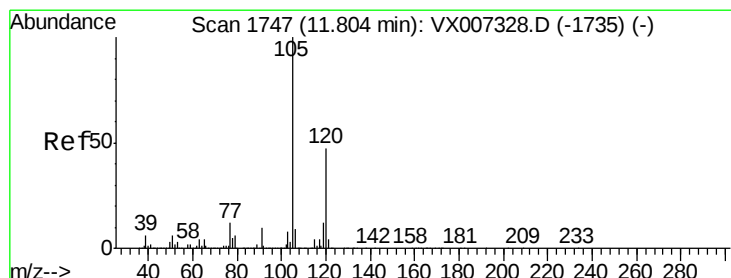
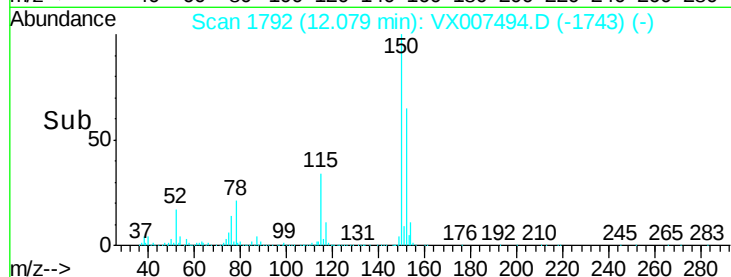
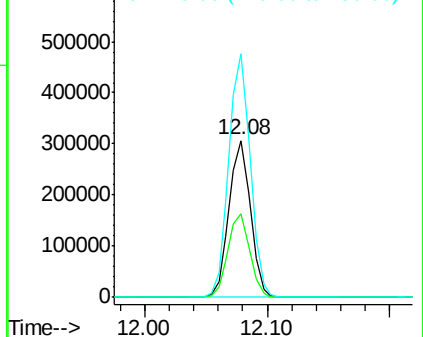
150 155.6 0.0 346.4



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: 2.464 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007494.D

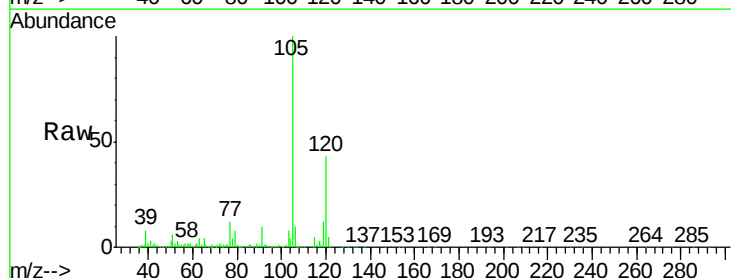
Acq: 12 Feb 2019 17:43

Tgt Ion:105 Resp: 51675

Ion Ratio Lower Upper

105 100

120 45.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

