

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011678.D
 Acq On : 20 Aug 2019 12:41
 Operator : JC/SP
 Sample : K4391-04
 Misc : 5.06g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-1

Quant Time: Aug 20 17:08:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

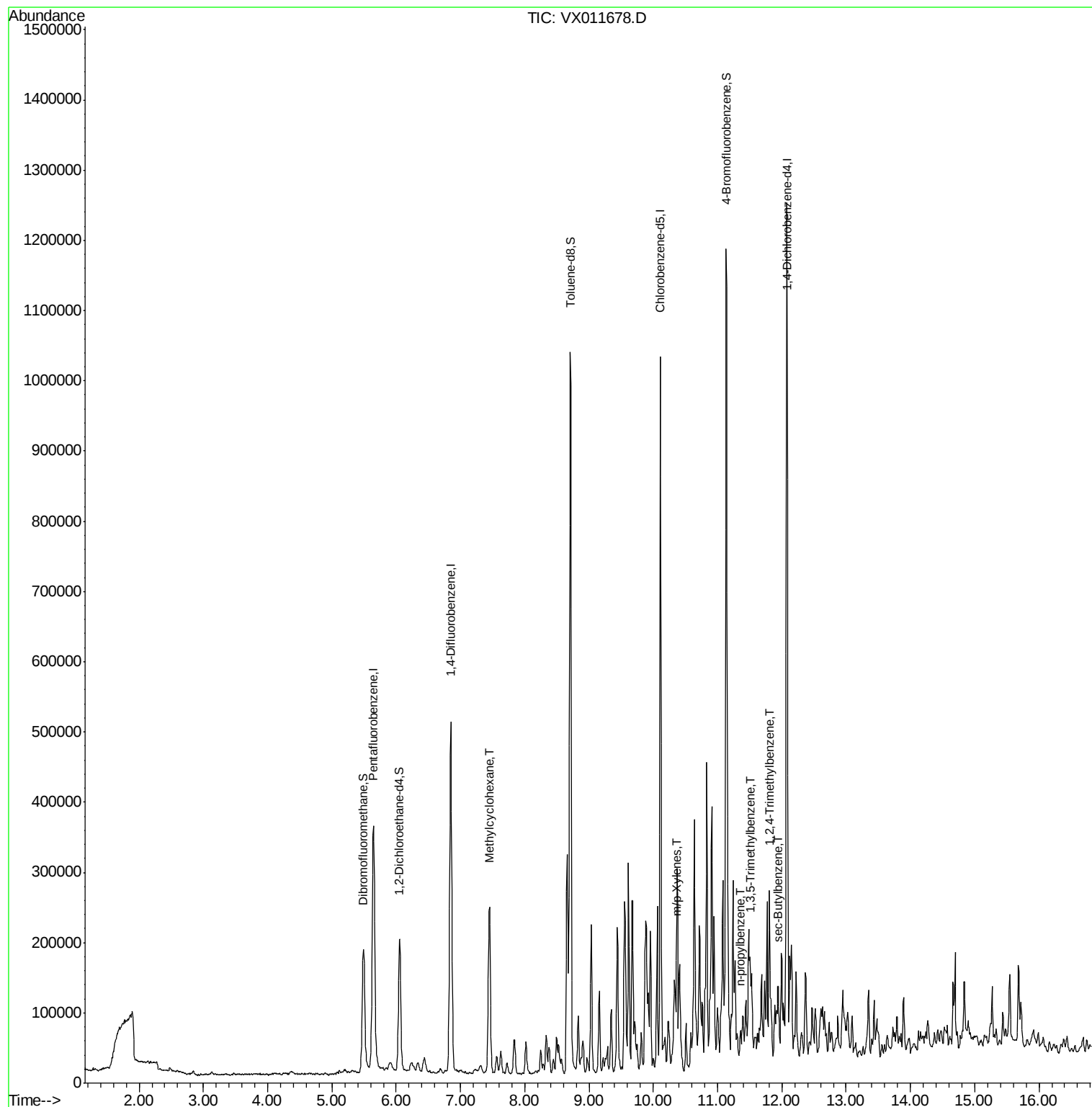
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	357538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	536012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	188814	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
35) Dibromofluoromethane	5.49	113	149140	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
50) Toluene-d8	8.71	98	624700	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.38%	
62) 4-Bromofluorobenzene	11.13	95	237284	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
Target Compounds						
39) Methylcyclohexane	7.45	83	111634	19.725	ug/l	99
68) m/p-Xylenes	10.35	106	7085	1.062	ug/l	93
78) n-propylbenzene	11.36	91	21175	1.180	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	46903	3.355	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	81466	5.805	ug/l	98
85) sec-Butylbenzene	11.94	105	11329	0.705	ug/l	97

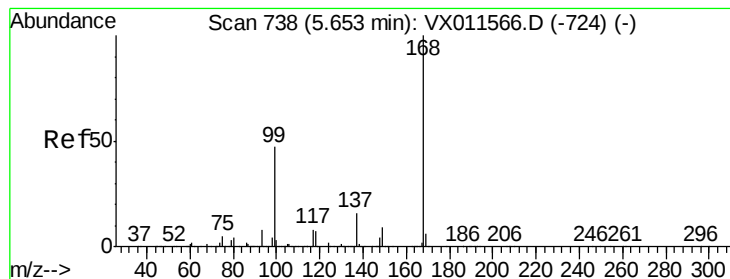
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

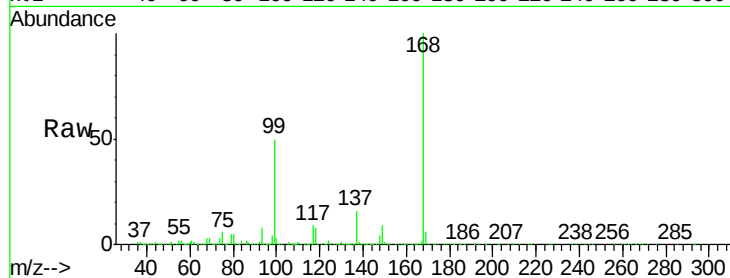
BOTTOM-1

Tot Ion:168 Resp: 357538

Ion Ratio Lower Upper

168 100

99 50.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

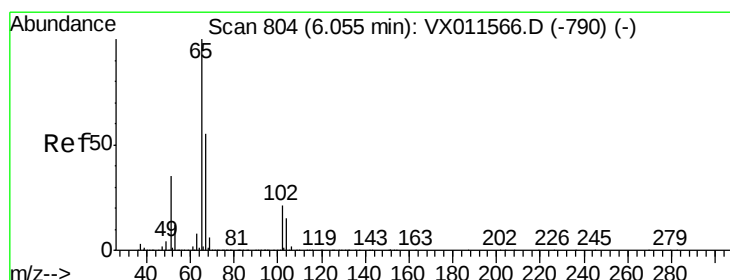
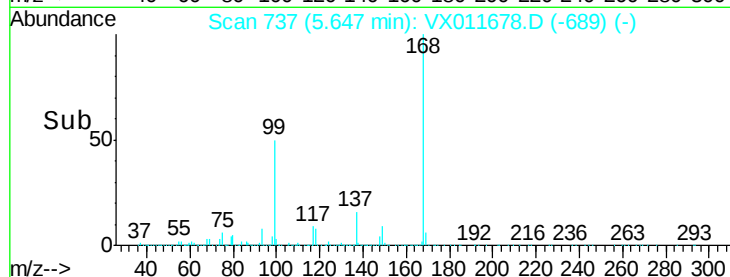
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.946 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011678.D

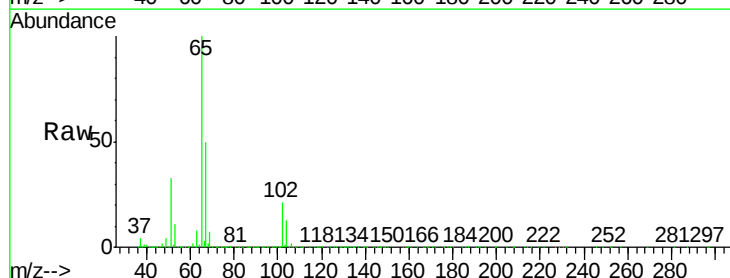
Acq: 20 Aug 2019 12:41

Tgt Ion: 65 Resp: 188814

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

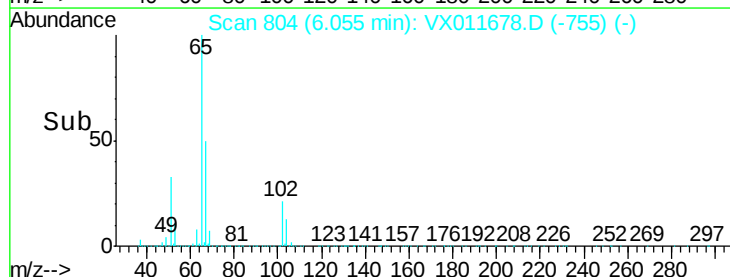
60000

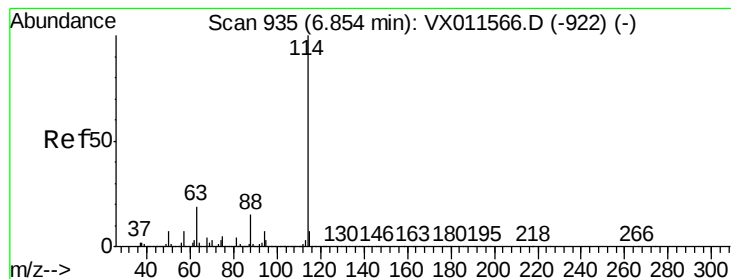
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-1

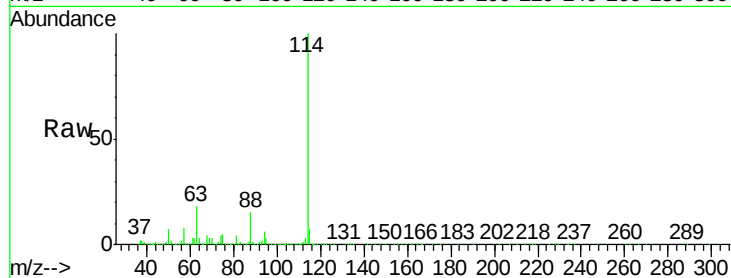
Tot Ion:114 Resp: 536012

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

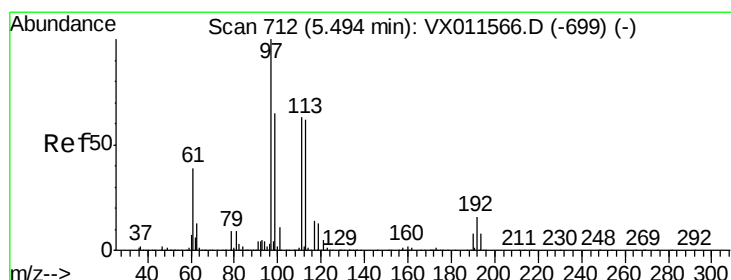
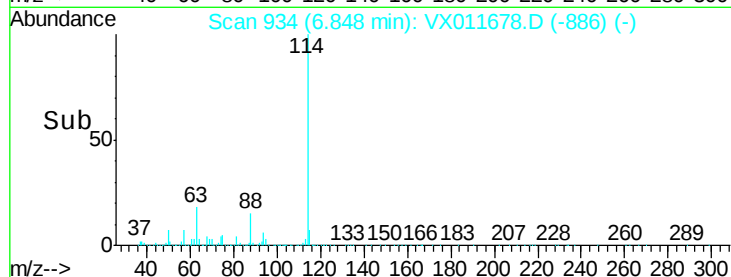
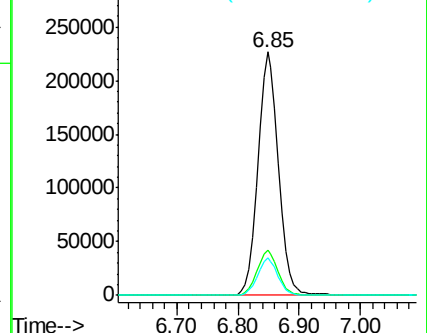
88 15.4 0.0 30.2



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: 42.540 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

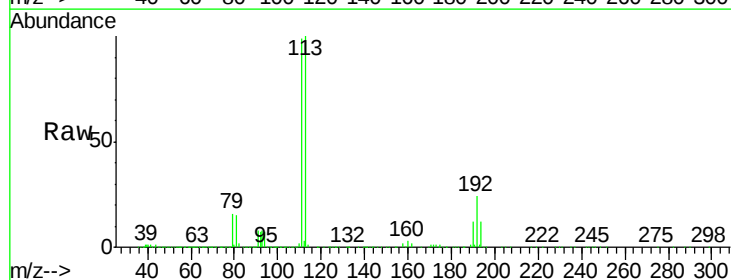
Tgt Ion:113 Resp: 149140

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

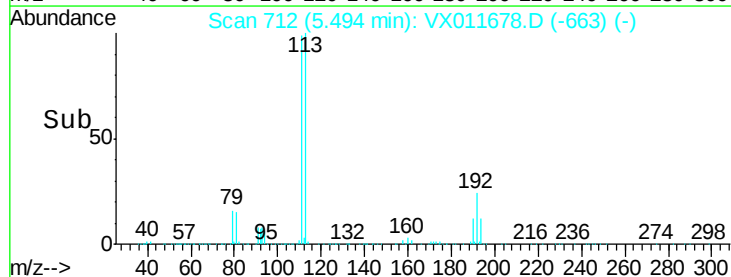
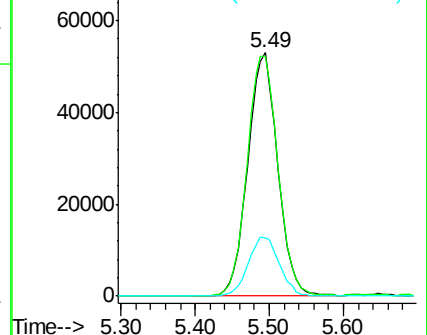
192 25.4 20.8 31.2

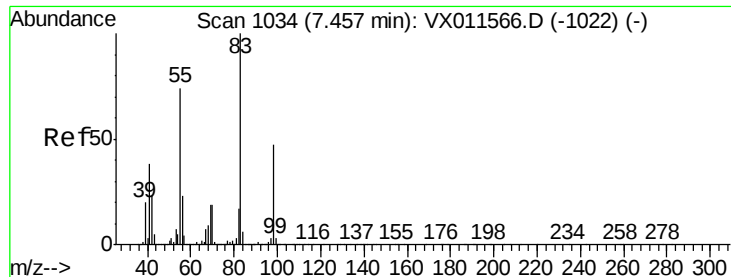


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

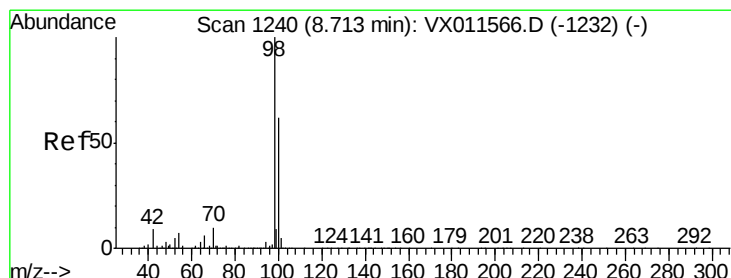
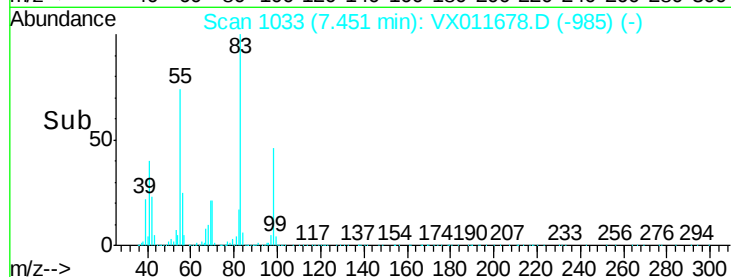
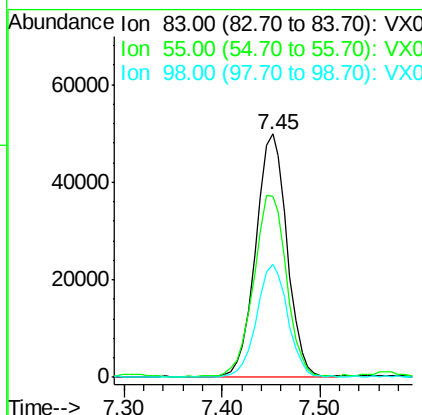
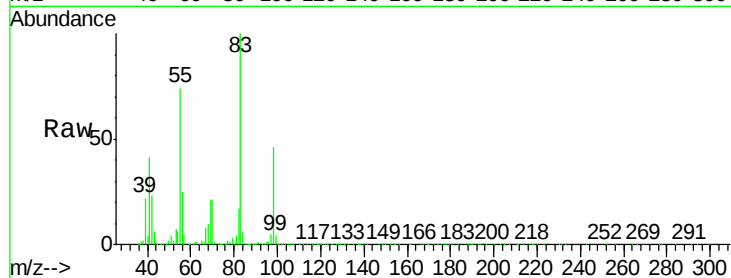




#39
Methvlcvclohexane
Concen: 19.725 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

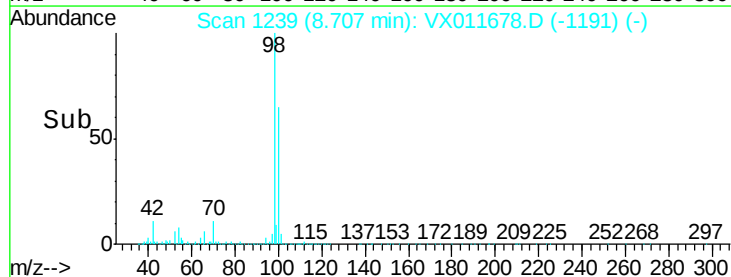
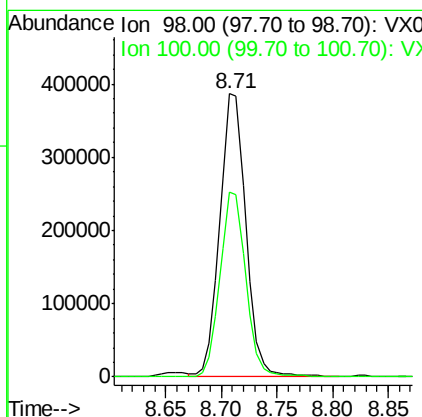
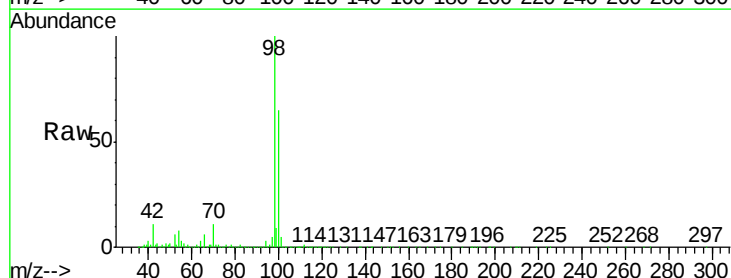
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-1

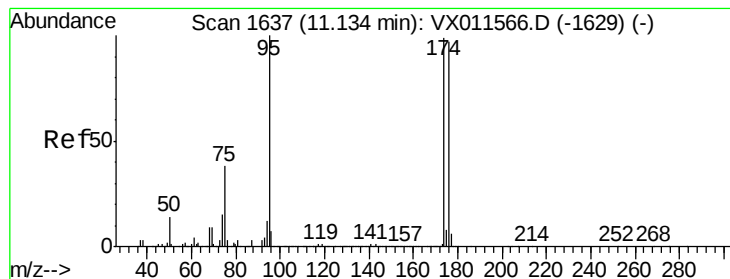
Tot Ion	83	Resp	111634
Ion	Ratio	Lower	Upper
83	100		
55	73.9	58.8	88.2
98	46.1	37.8	56.6



#50
Toluene-d8
Concen: 57.187 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

Tgt Ion	98	Resp	624700
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 51.463 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-1

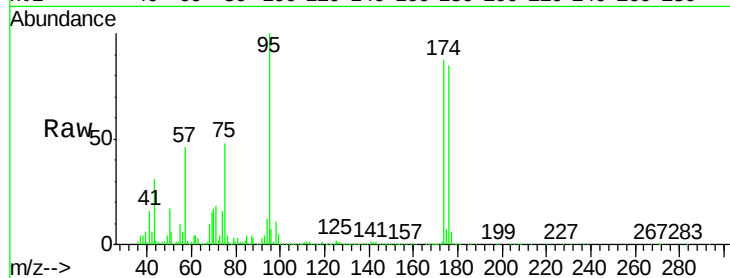
Tot Ion: 95 Resp: 237284

Ion Ratio Lower Upper

95 100

174 93.2 0.0 200.6

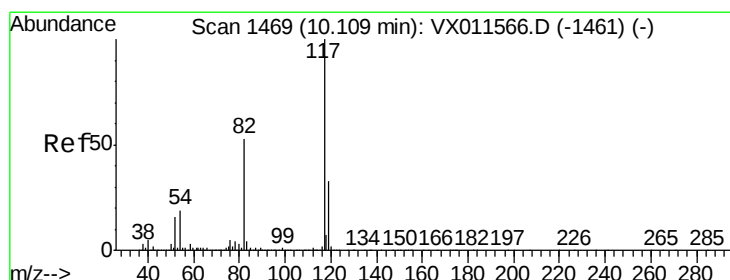
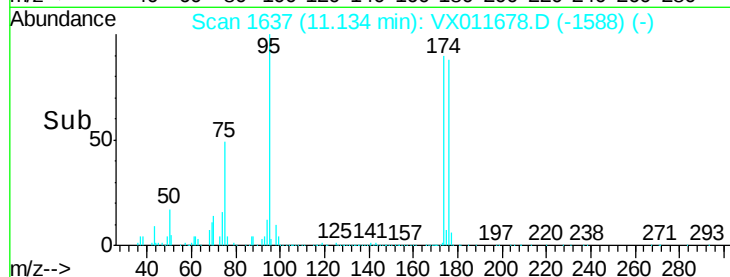
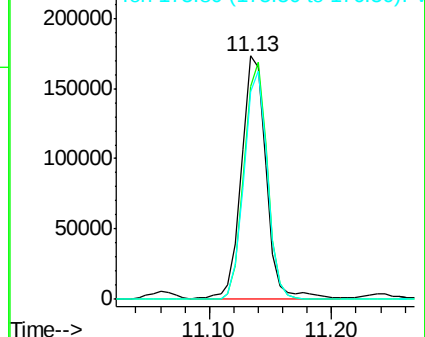
176 90.4 0.0 196.6



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: VX011678.D

Acq: 20 Aug 2019 12:41

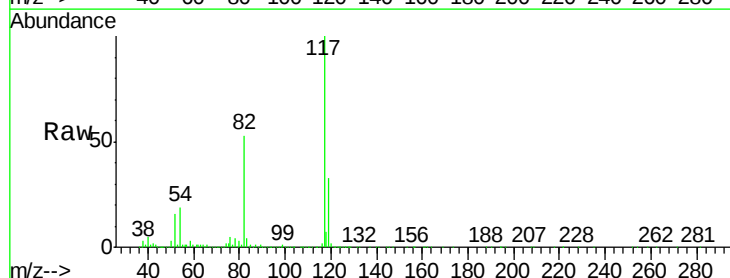
Tgt Ion: 117 Resp: 488189

Ion Ratio Lower Upper

117 100

82 52.4 42.0 63.0

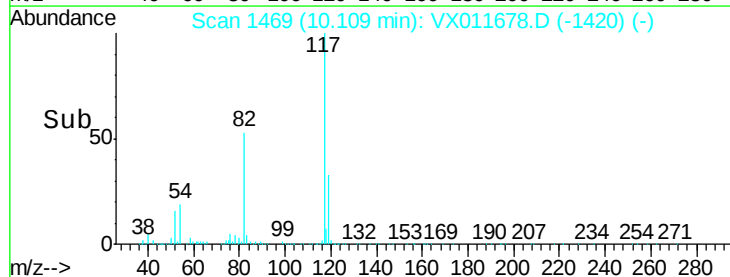
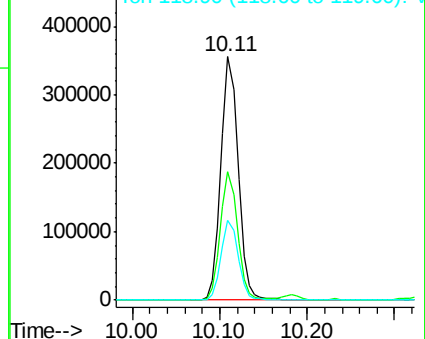
119 32.6 26.5 39.7

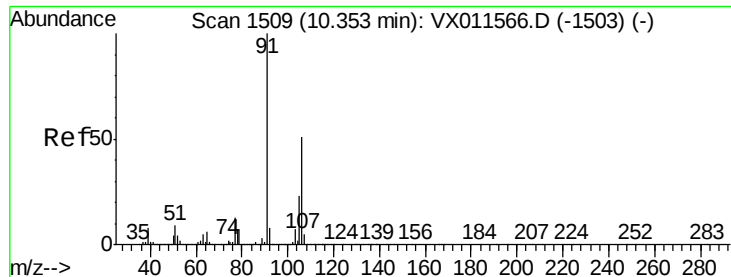


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

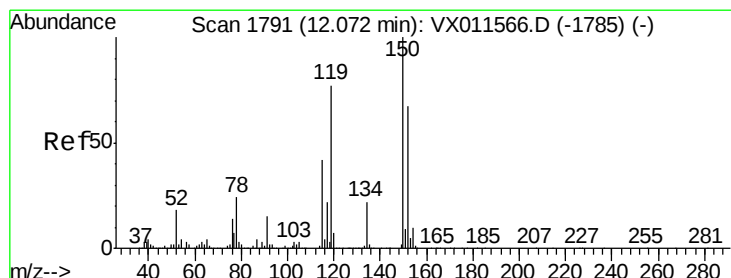
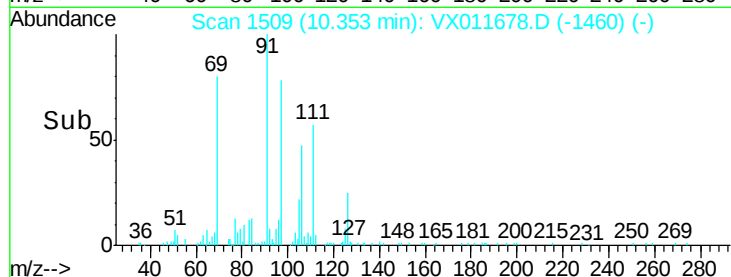
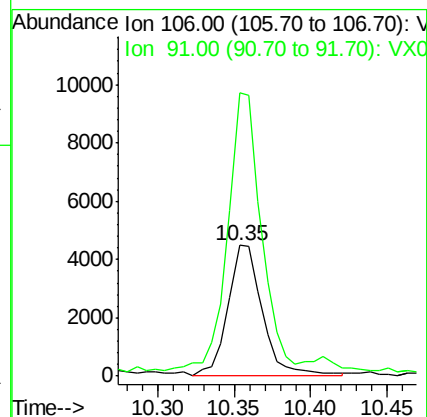
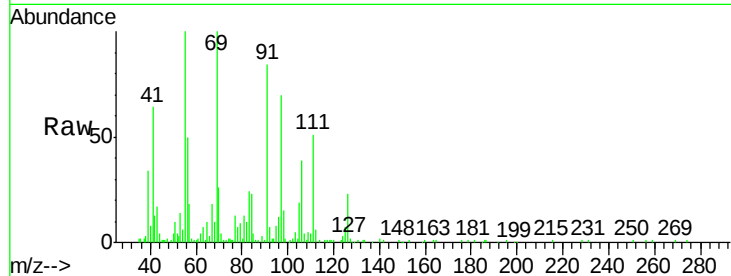




#68
m/p-Xvlenes
Concen: 1.062 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

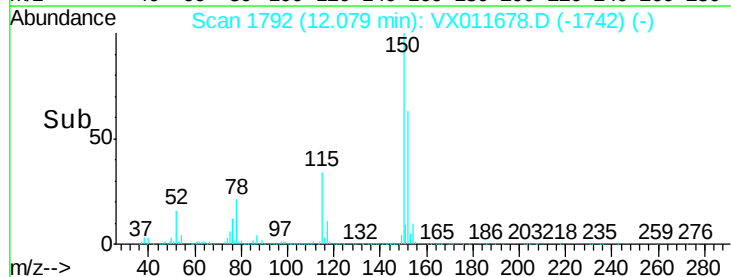
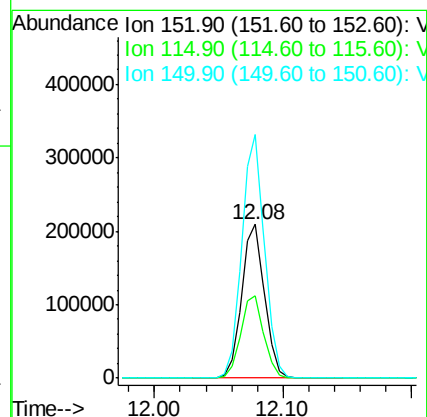
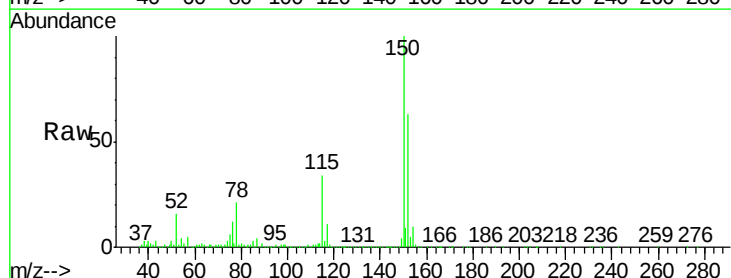
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-1

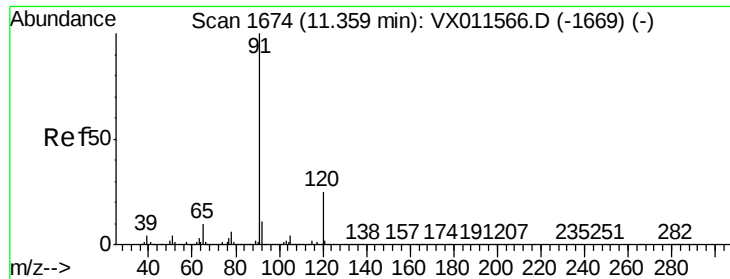
Tot Ion:106 Resp: 7085
Ion Ratio Lower Upper
106 100
91 205.2 156.0 234.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

Tgt Ion:152 Resp: 256443
Ion Ratio Lower Upper
152 100
115 54.1 37.3 111.9
150 157.6 0.0 346.2





#78

n-propylbenzene

Concen: 1.180 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

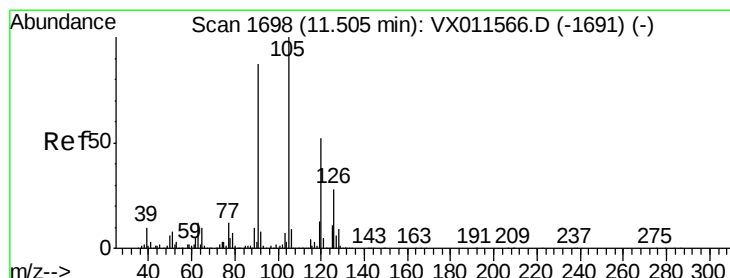
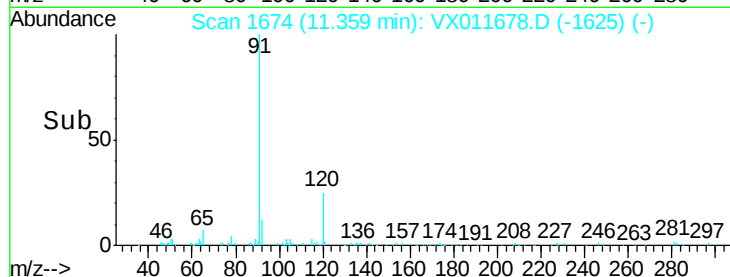
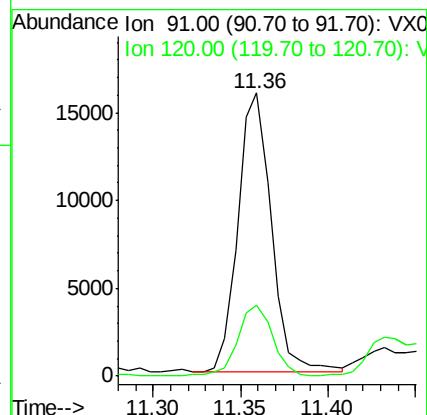
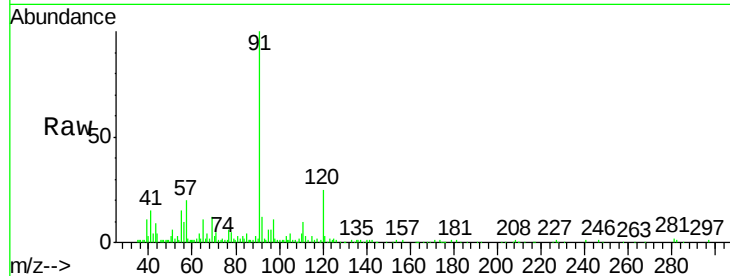
BOTTOM-1

Tot Ion: 91 Resp: 21175

Ion Ratio Lower Upper

91 100

120 26.6 12.6 37.6



#80

1,3,5-Trimethylbenzene

Concen: 3.355 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011678.D

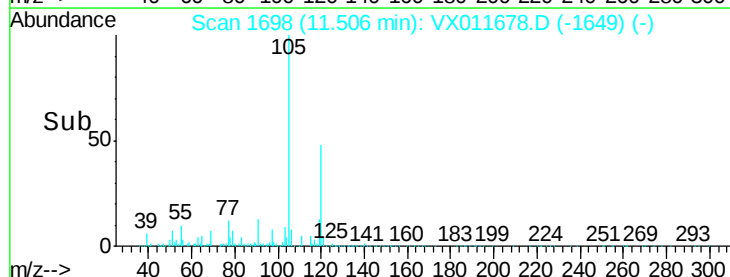
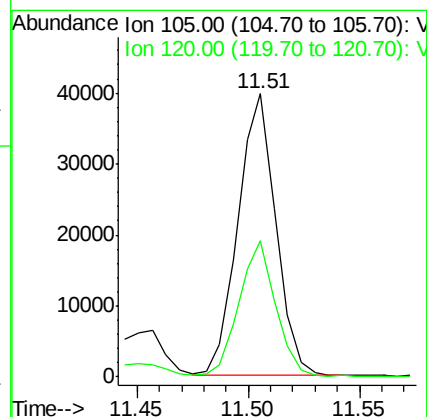
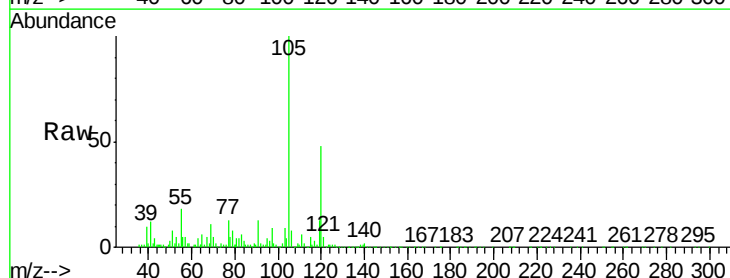
Acq: 20 Aug 2019 12:41

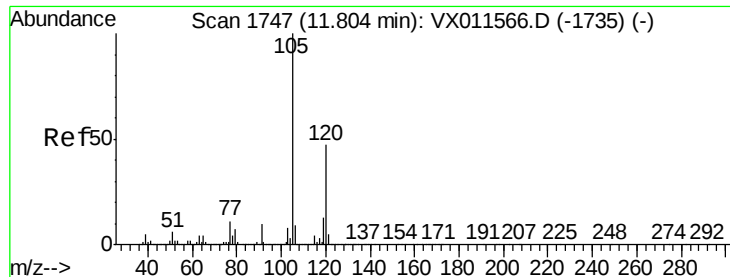
Tgt Ion: 105 Resp: 46903

Ion Ratio Lower Upper

105 100

120 46.8 25.3 75.8





#84

1,2,4-Trimethylbenzene

Concen: 5.805 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

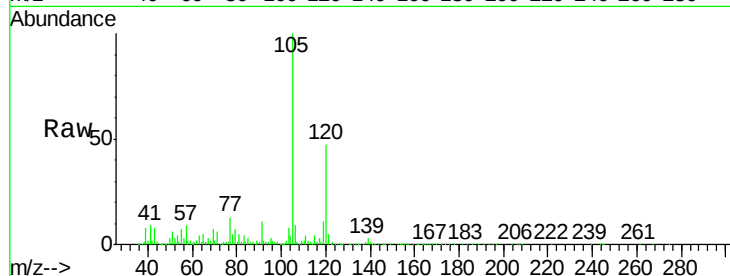
BOTTOM-1

Tot Ion:105 Resp: 81466

Ion Ratio Lower Upper

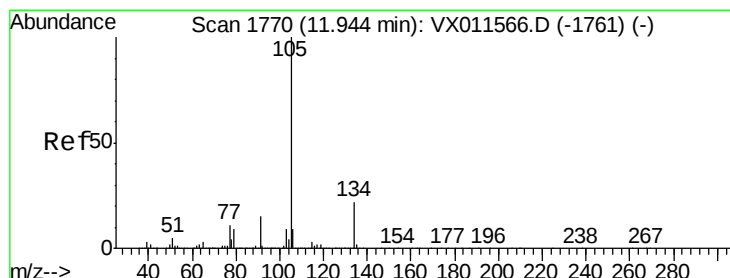
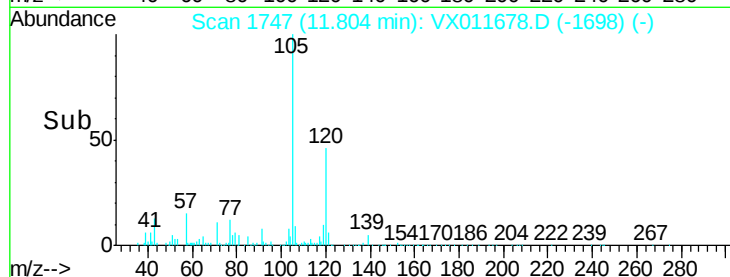
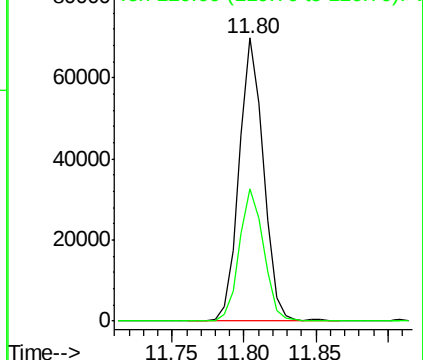
105 100

120 47.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.705 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011678.D

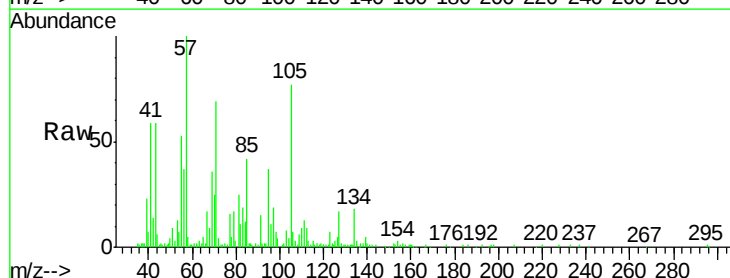
Acq: 20 Aug 2019 12:41

Tgt Ion:105 Resp: 11329

Ion Ratio Lower Upper

105 100

134 20.2 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

