

Data File : VX002744.D
Acq On : 20 Jun 2018 16:20
Operator : JC/MD
Sample : J3596-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Quant Time: Jul 02 05:19:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

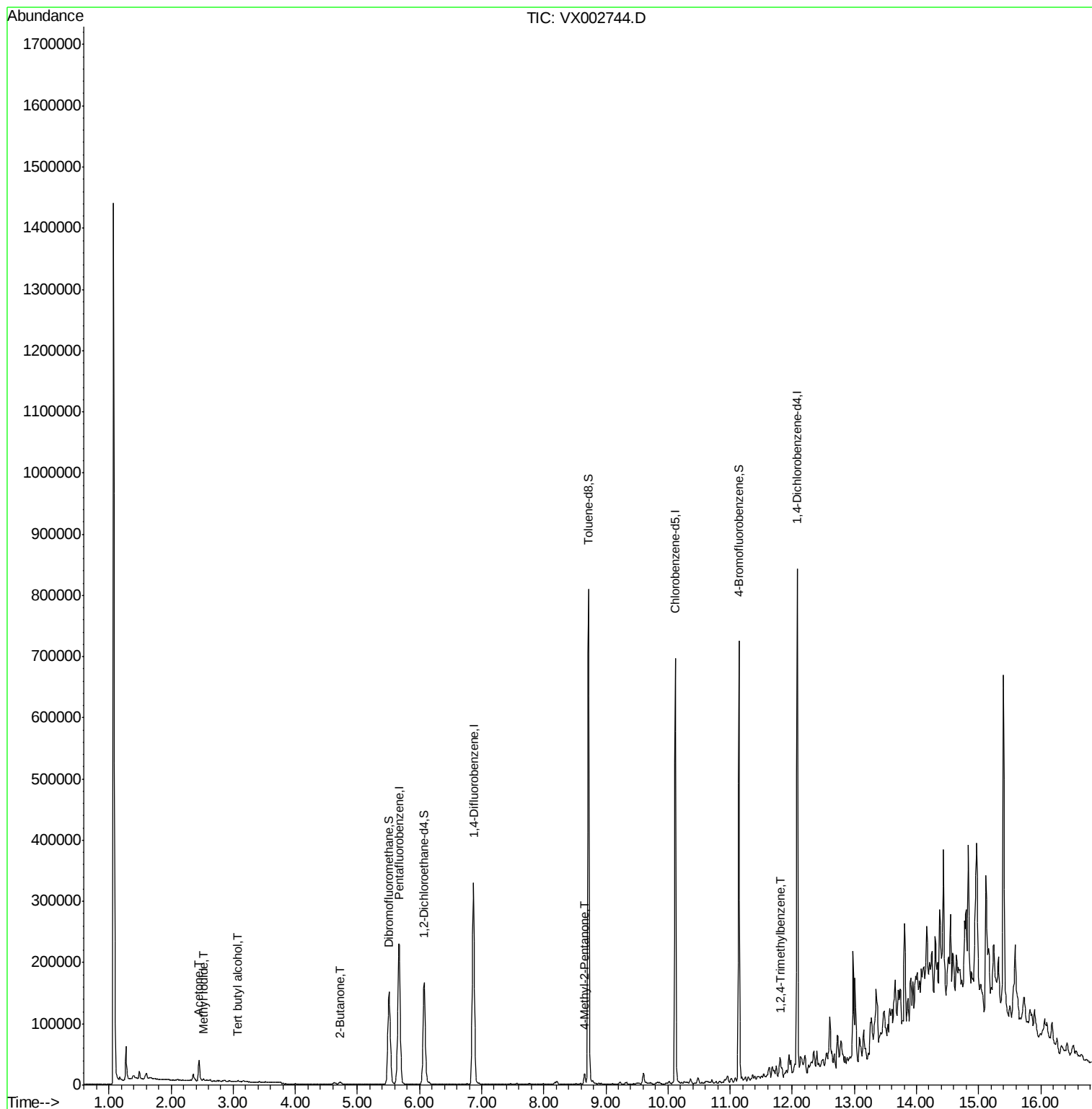
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157112	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
35) Dibromofluoromethane	5.51	113	123026	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	8.72	98	462072	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.14	95	165206	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
10) Methyl Iodide	2.52	142	3146	5.949	ug/l	97
11) Tert butyl alcohol	3.08	59	2154	3.000	ug/l #	65
16) Acetone	2.45	43	36624	23.899	ug/l	97
25) 2-Butanone	4.71	43	5928	2.946	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	9581	2.314	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	5251	0.509	ug/l	98

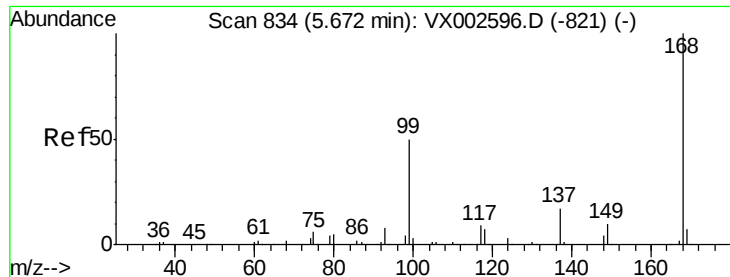
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002744.D

Acq: 20 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

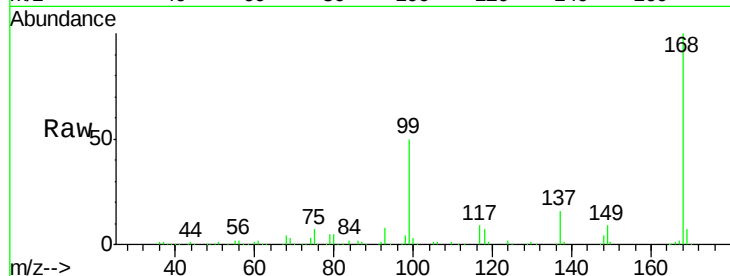
MW-01

Tgt Ion:168 Resp: 228574

Ion Ratio Lower Upper

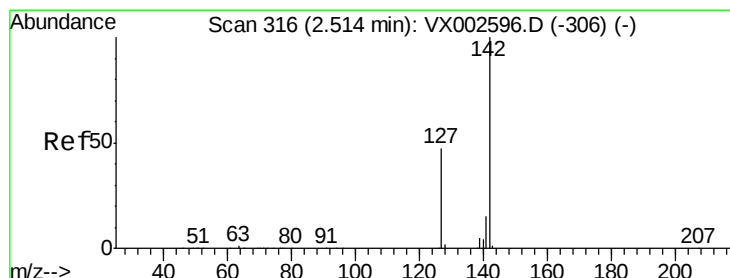
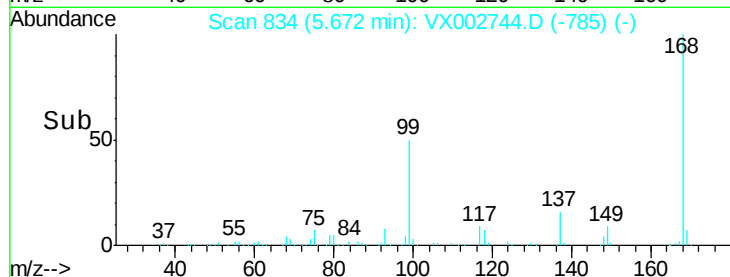
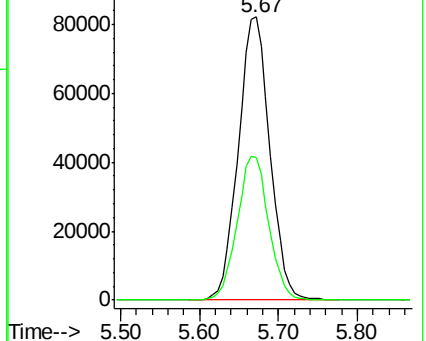
168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.949 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002744.D

Acq: 20 Jun 2018 16:20

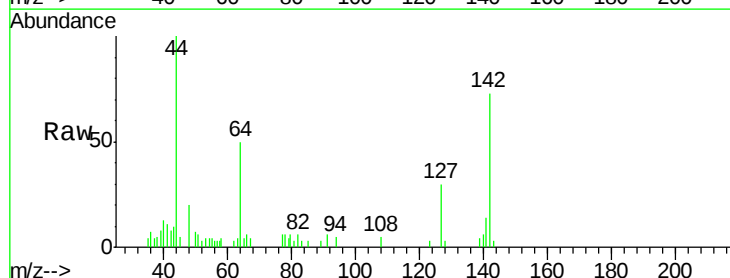
Tgt Ion:142 Resp: 3146

Ion Ratio Lower Upper

142 100

127 47.9 36.6 55.0

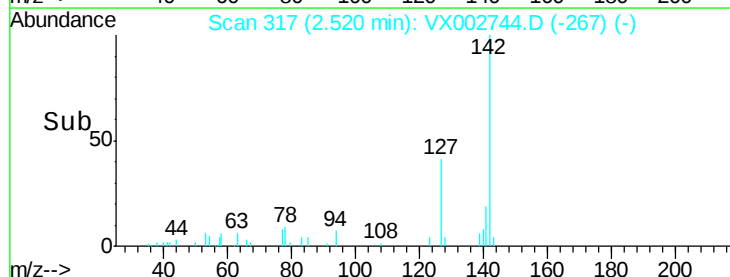
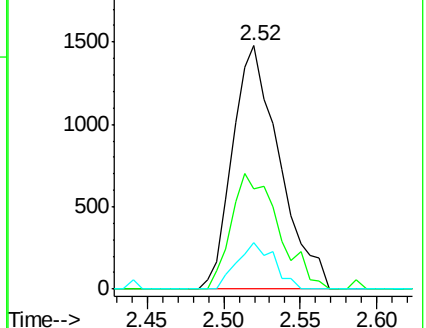
141 15.2 11.3 16.9

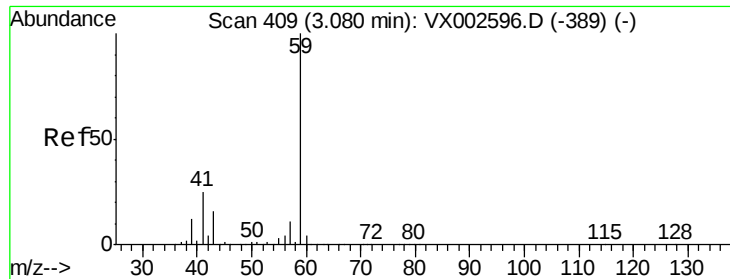


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



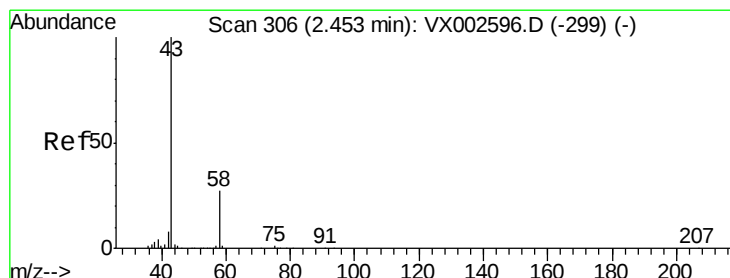
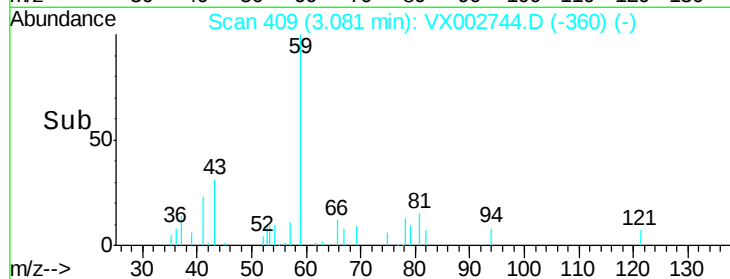
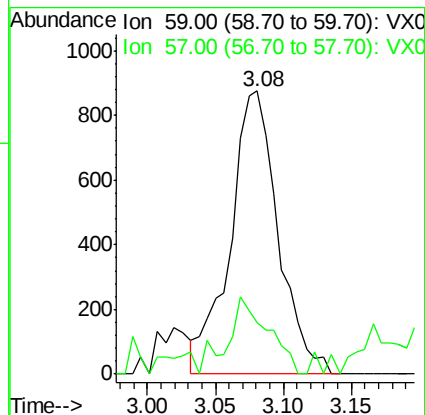
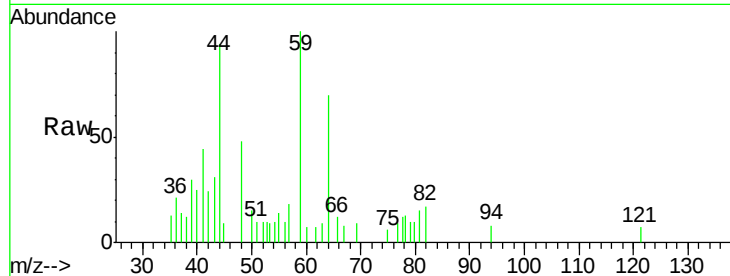


#11

Tert butyl alcohol
Concen: 3.000 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002744.D
Acq: 20 Jun 2018 16:20

Instrument :
MSVOA_X
ClientSampled :
MW-01

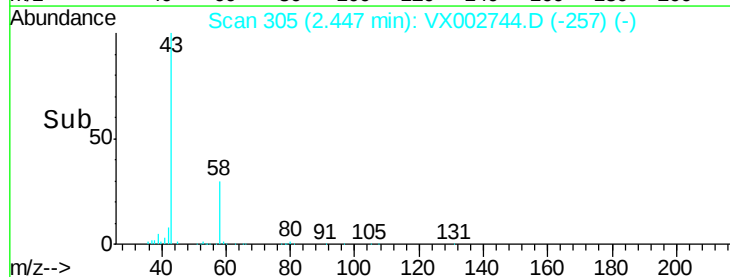
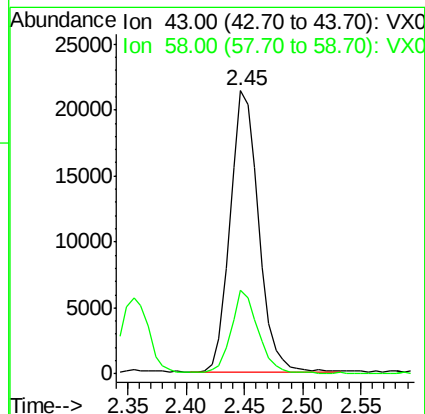
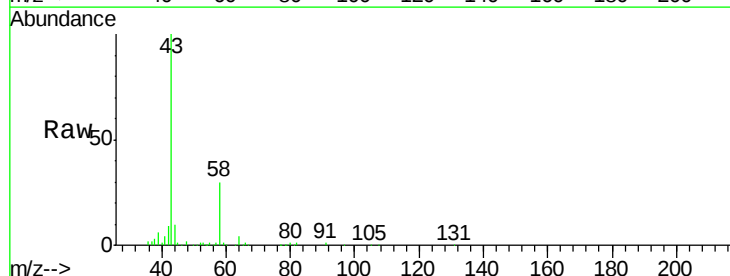
Tgt Ion: 59 Resp: 2154
Ion Ratio Lower Upper
59 100
57 23.1 8.2 12.2#

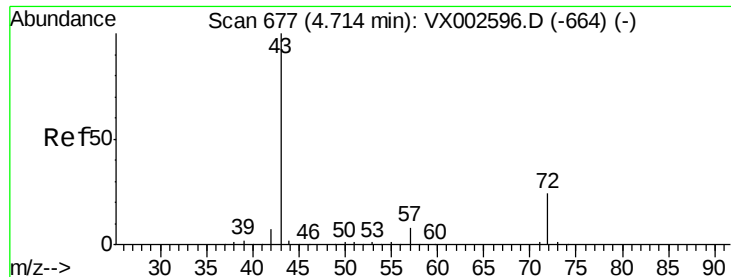


#16

Acetone
Concen: 23.899 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002744.D
Acq: 20 Jun 2018 16:20

Tgt Ion: 43 Resp: 36624
Ion Ratio Lower Upper
43 100
58 29.2 22.1 33.1





#25

2-Butanone

Concen: 2.946 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002744.D

Acq: 20 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

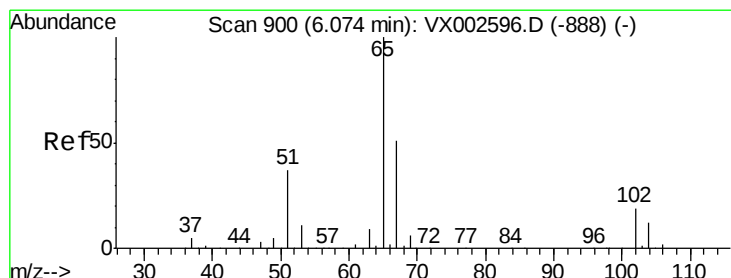
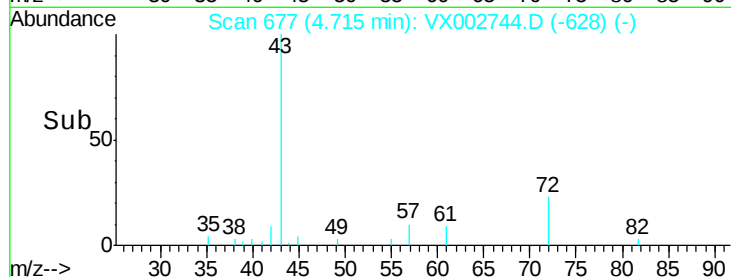
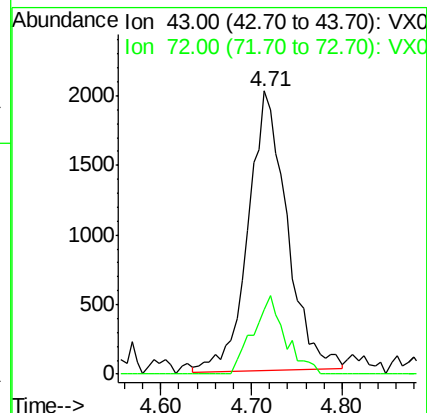
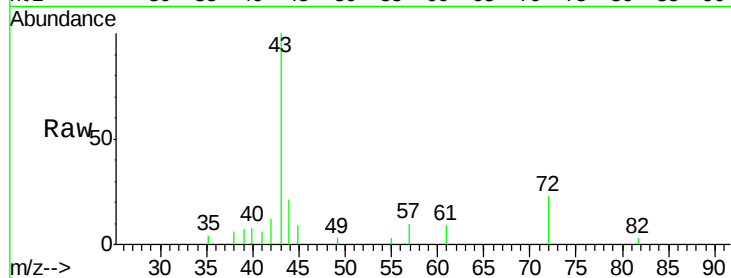
MW-01

Tgt Ion: 43 Resp: 5928

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 45.232 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002744.D

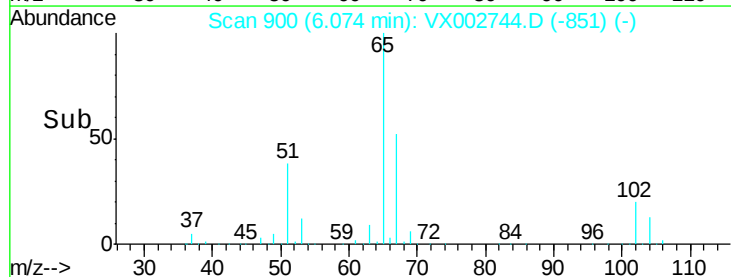
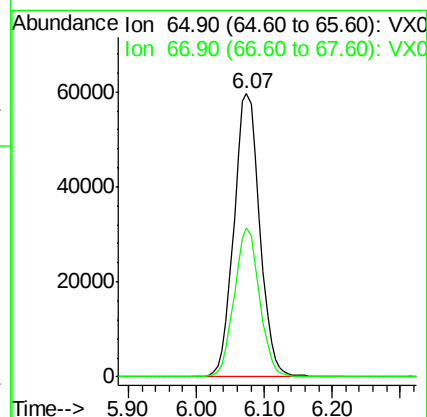
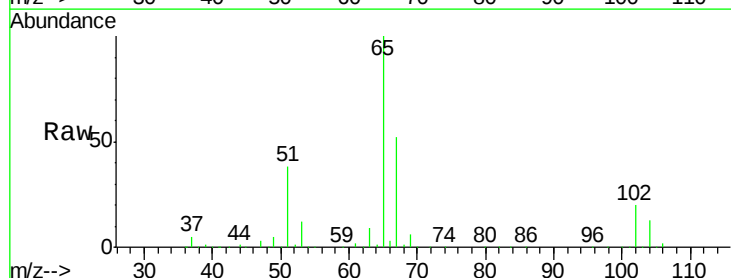
Acq: 20 Jun 2018 16:20

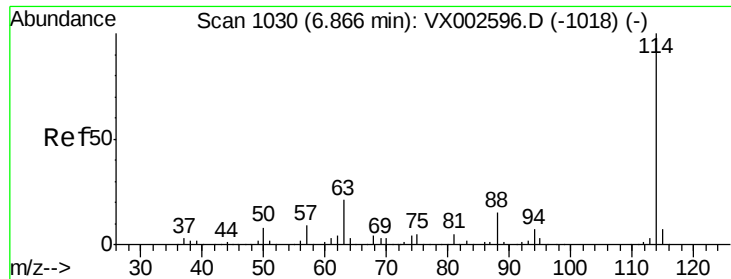
Tgt Ion: 65 Resp: 157112

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6

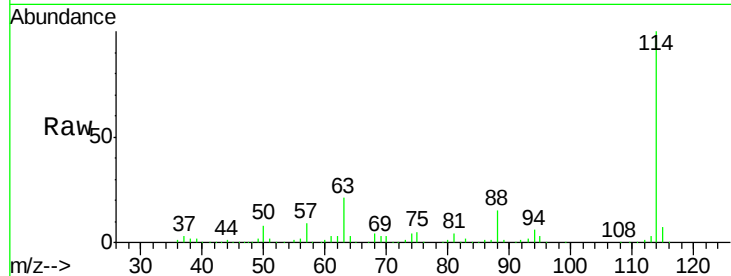




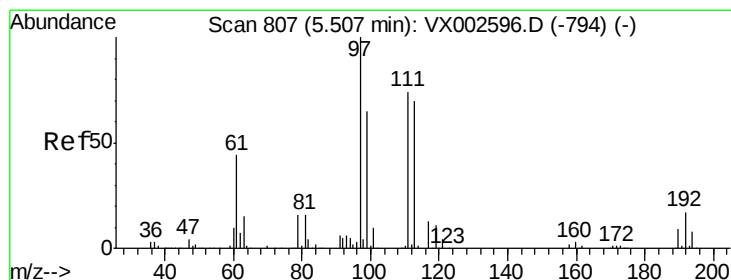
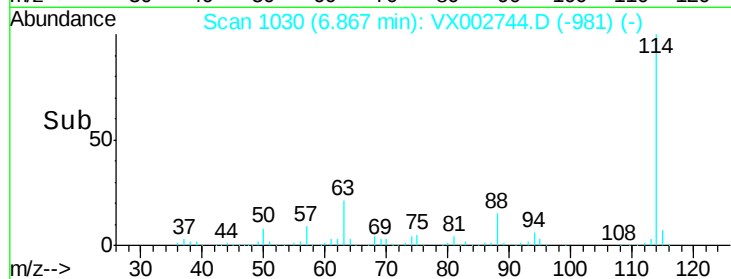
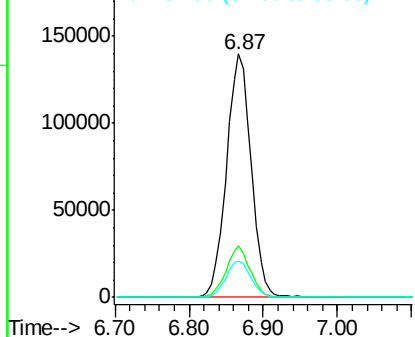
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002744.D
 Acq: 20 Jun 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Tgt Ion:114 Resp: 323824
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 14.8 0.0 30.0

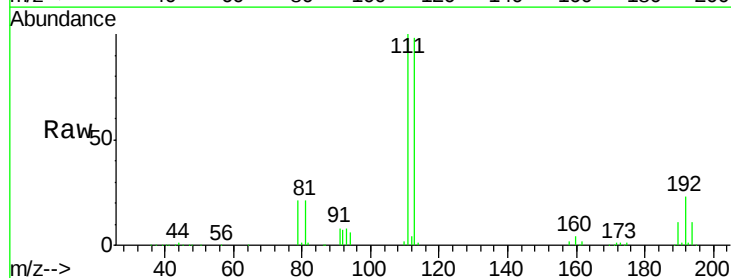


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

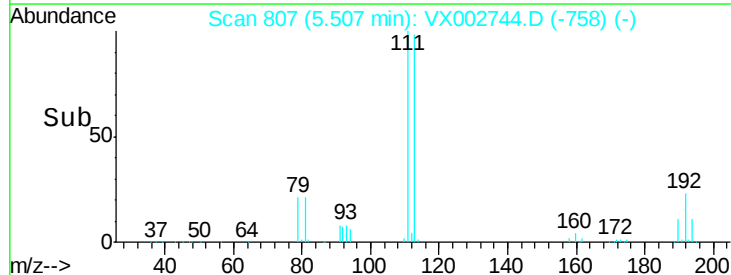
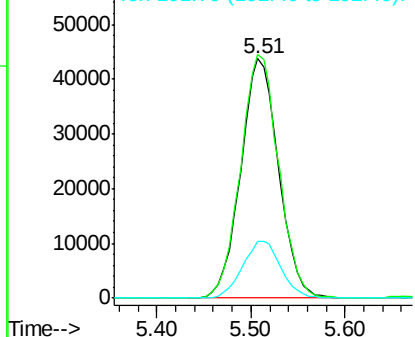


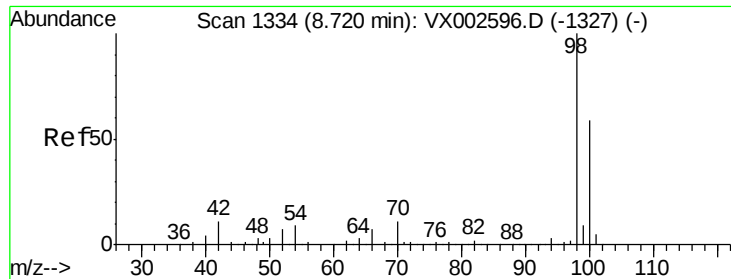
#35
 Dibromofluoromethane
 Concen: 47.603 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002744.D
 Acq: 20 Jun 2018 16:20

Tgt Ion:113 Resp: 123026
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 24.0 19.1 28.7



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

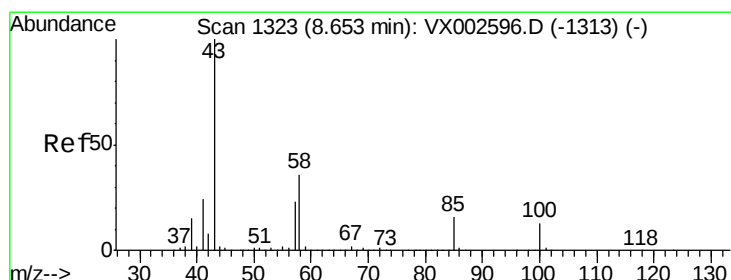
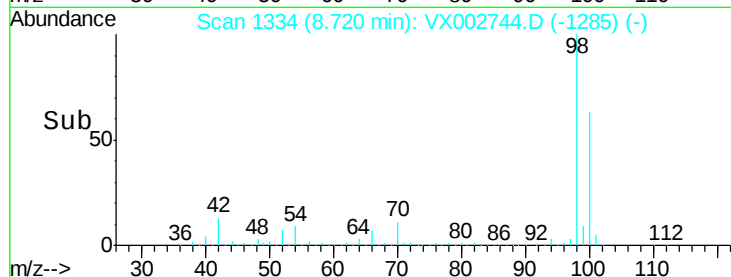
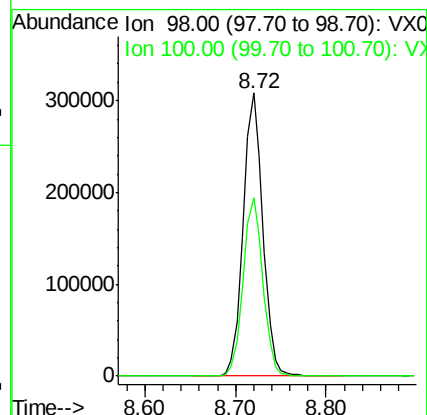
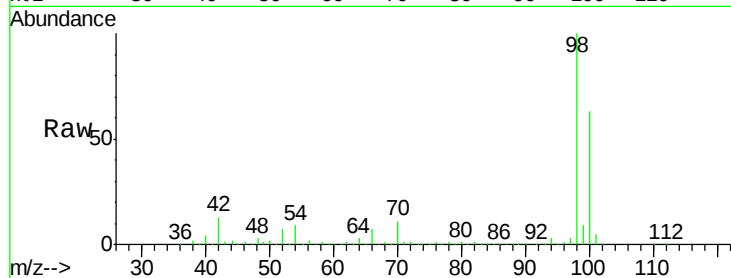




#50
Toluene-d8
Concen: 47.088 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002744.D
Acq: 20 Jun 2018 16:20

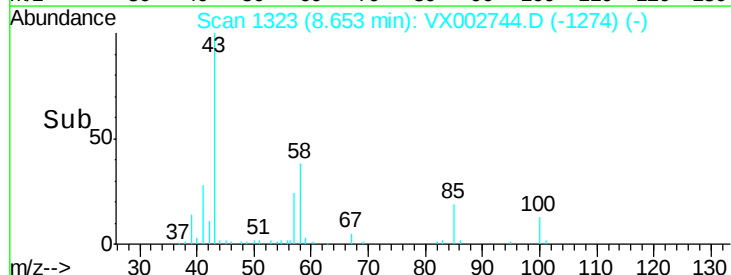
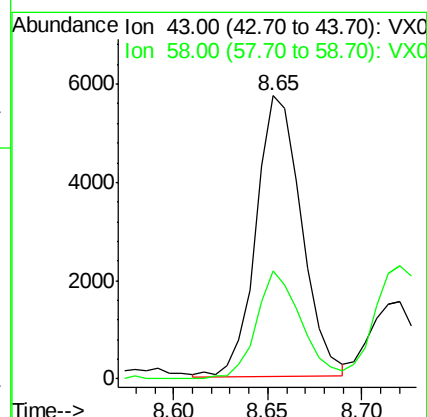
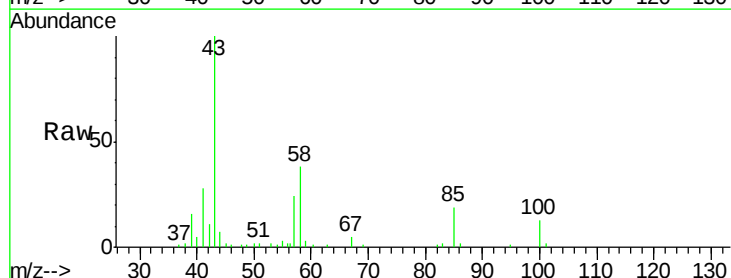
Instrument :
MSVOA_X
ClientSampleId :
MW-01

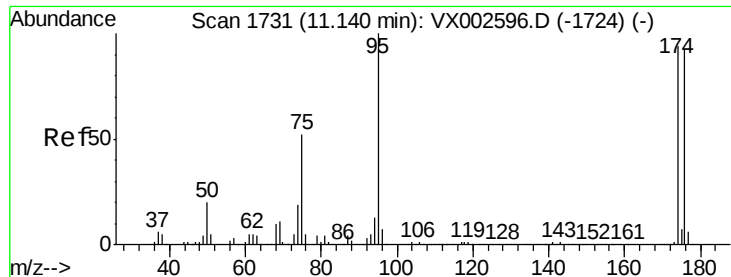
Tgt Ion: 98 Resp: 462072
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 2.314 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002744.D
Acq: 20 Jun 2018 16:20

Tgt Ion: 43 Resp: 9581
Ion Ratio Lower Upper
43 100
58 38.1 28.6 42.8





#62

4-Bromofluorobenzene

Concen: 44.428 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002744.D

Acq: 20 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

MW-01

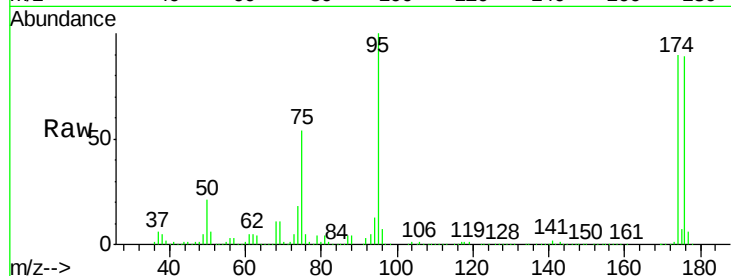
Tgt Ion: 95 Resp: 165206

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

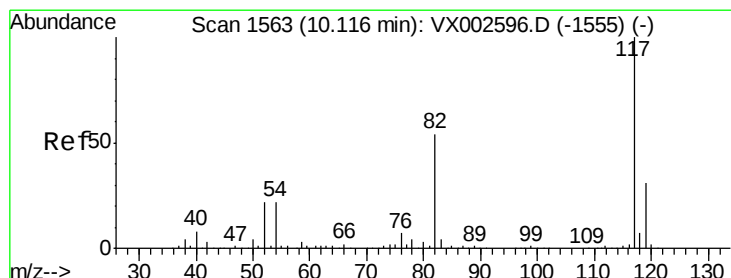
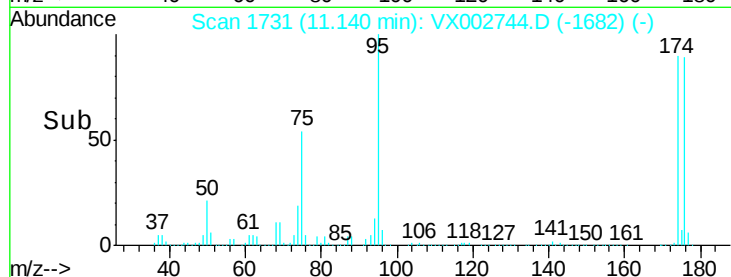
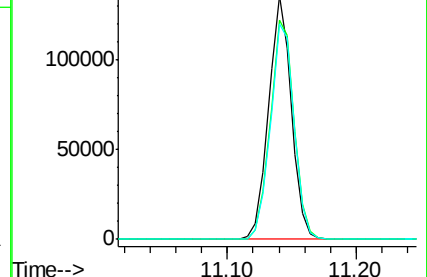
176 92.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002596.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002596.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002596.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002744.D

Acq: 20 Jun 2018 16:20

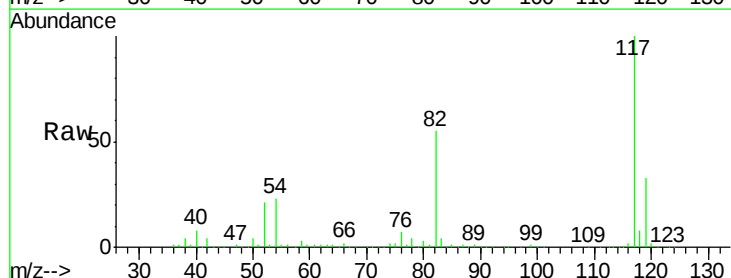
Tgt Ion: 117 Resp: 302111

Ion Ratio Lower Upper

117 100

82 55.4 45.0 67.4

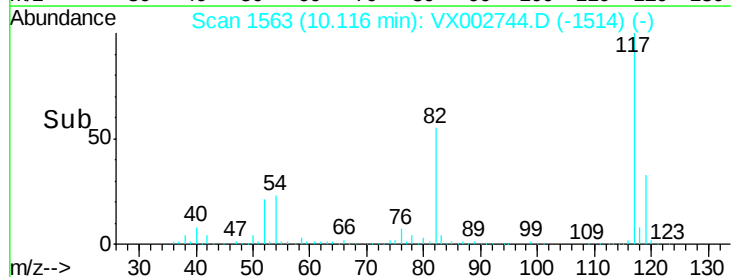
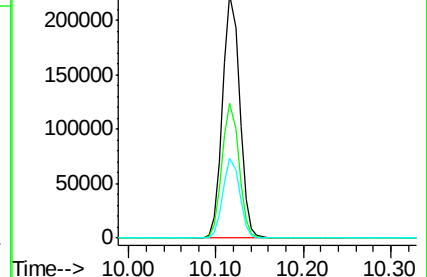
119 33.0 25.8 38.6

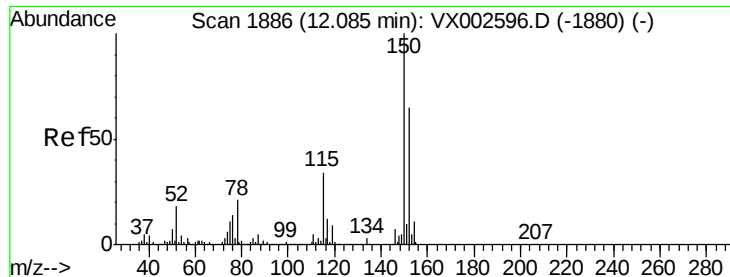


Abundance Ion 116.90 (116.60 to 117.60): VX002596.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002596.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002596.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002744.D

Acq: 20 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

MW-01

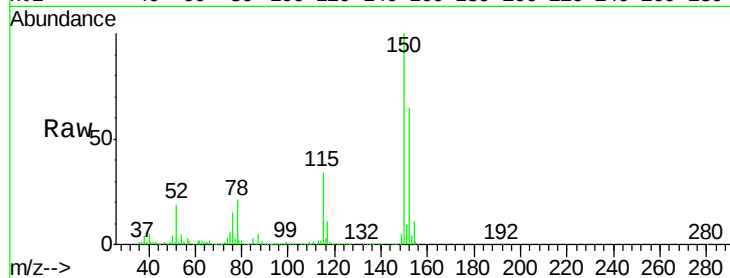
Tgt Ion:152 Resp: 178988

Ion Ratio Lower Upper

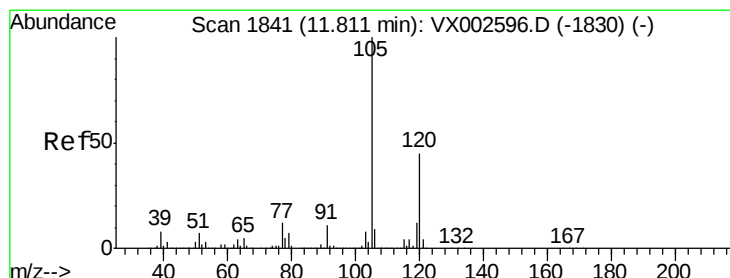
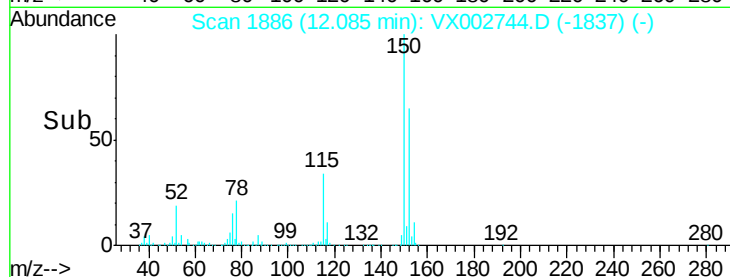
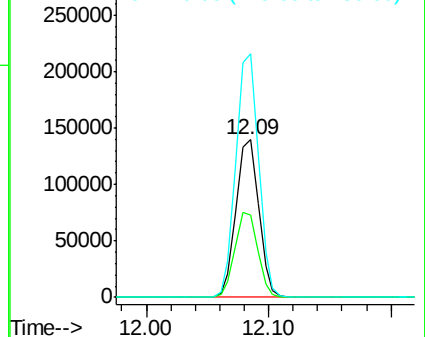
152 100

115 53.9 40.1 120.2

150 153.9 0.0 347.2



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: 0.509 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002744.D

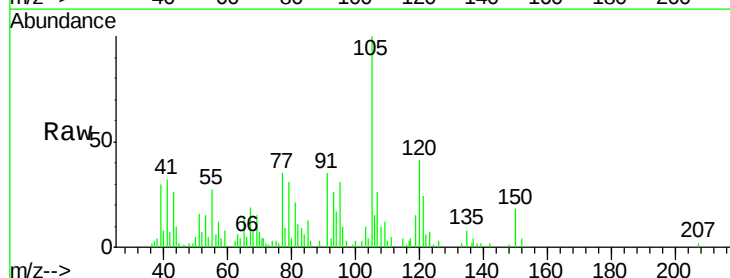
Acq: 20 Jun 2018 16:20

Tgt Ion:105 Resp: 5251

Ion Ratio Lower Upper

105 100

120 45.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

