

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002848.D
 Acq On : 22 Jun 2018 23:05
 Operator : JC/MD
 Sample : J3631-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0018

Quant Time: Jun 23 01:29:26 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

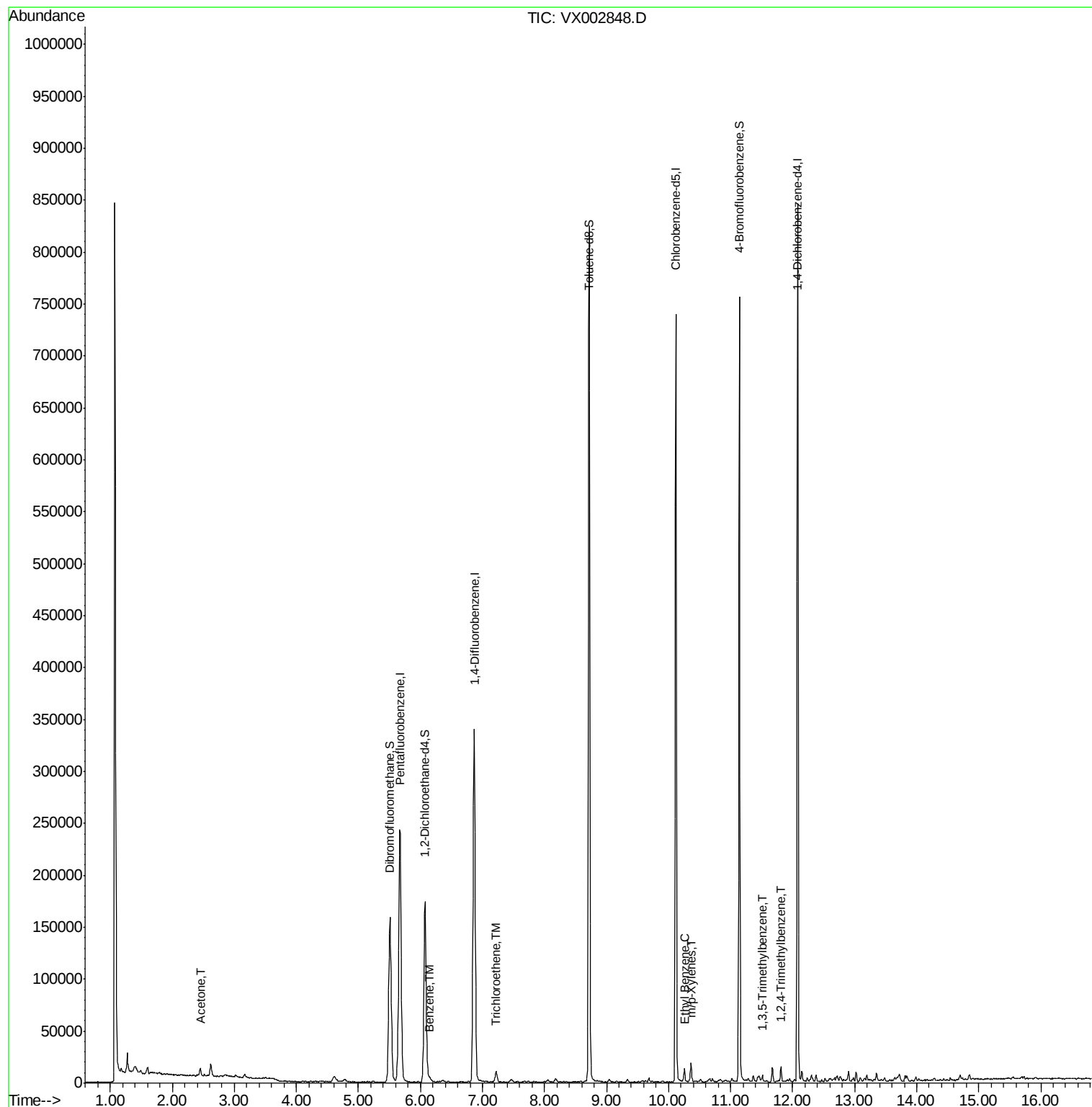
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	183151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164737	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
35) Dibromofluoromethane	5.51	113	128500	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	8.72	98	479676	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.14	95	172429	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
Target Compounds						
16) Acetone	2.45	43	8287	5.06	ug/l	98
40) Benzene	6.15	78	4182	0.39	ug/l #	87
44) Trichloroethene	7.21	130	3913	1.25	ug/l	98
67) Ethyl Benzene	10.26	91	5907	0.45	ug/l	97
68) m/p-Xylenes	10.36	106	3532	0.70	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2310	0.22	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	5349	0.51	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002848.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_X

ClientSampleId :

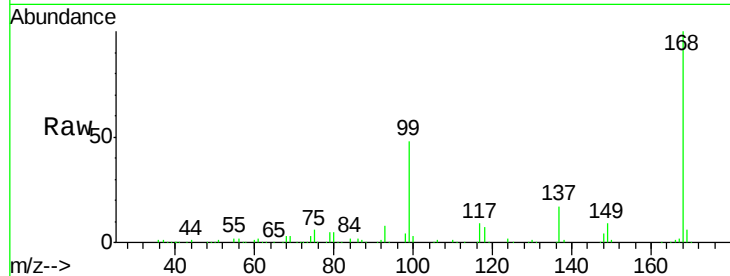
S83-0018

Tot Ion:168 Resp: 244192

Ion Ratio Lower Upper

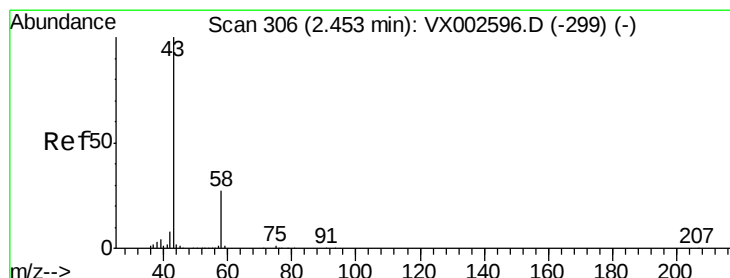
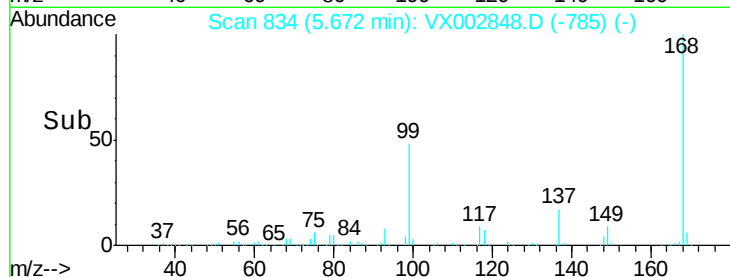
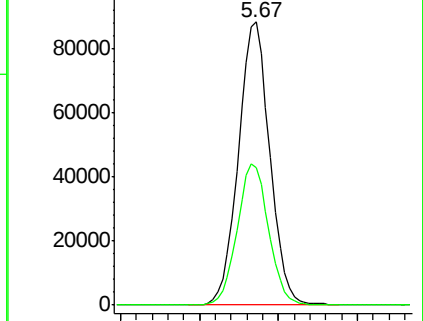
168 100

99 48.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002848.D

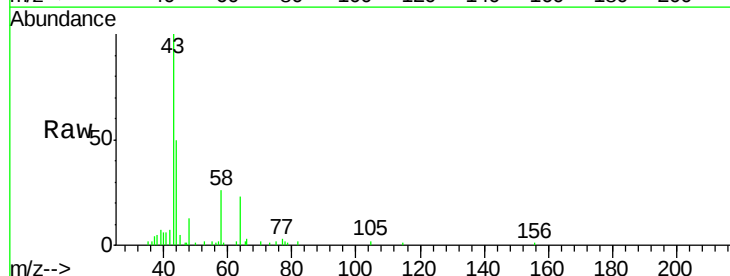
Acq: 22 Jun 2018 23:05

Tgt Ion: 43 Resp: 8287

Ion Ratio Lower Upper

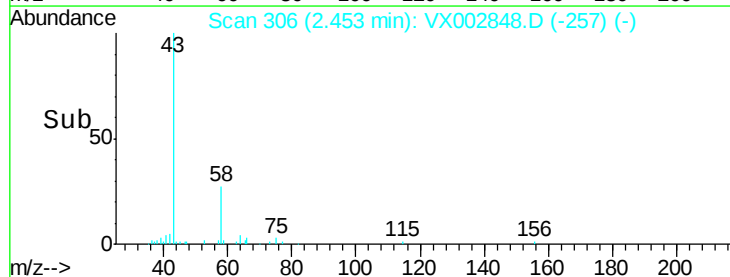
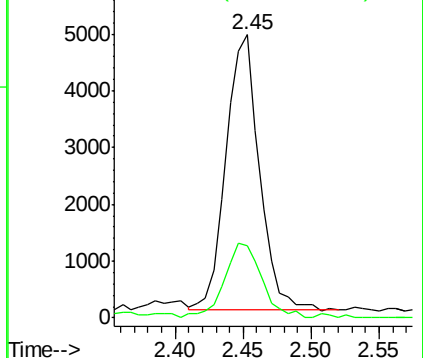
43 100

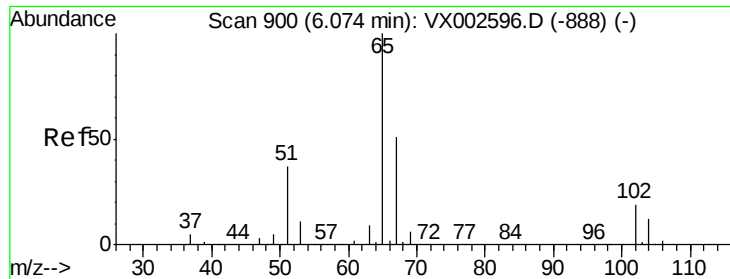
58 26.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.39 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002848.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_X

ClientSampleId :

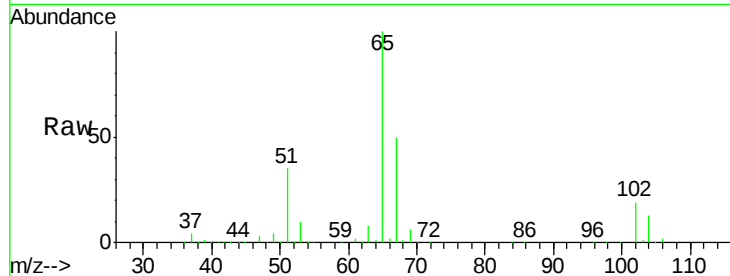
S83-0018

Tot Ion: 65 Resp: 164737

Ion Ratio Lower Upper

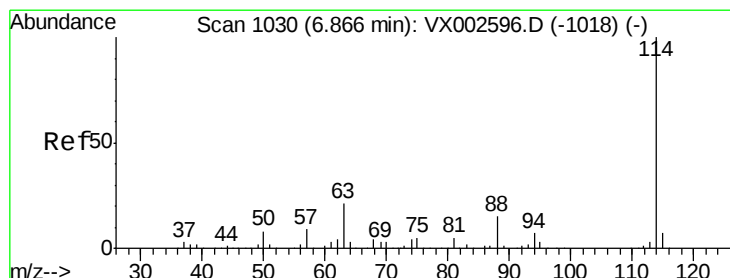
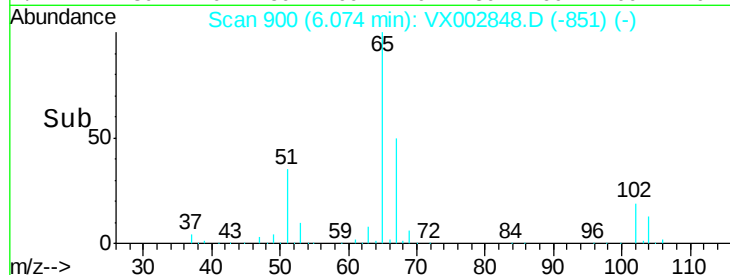
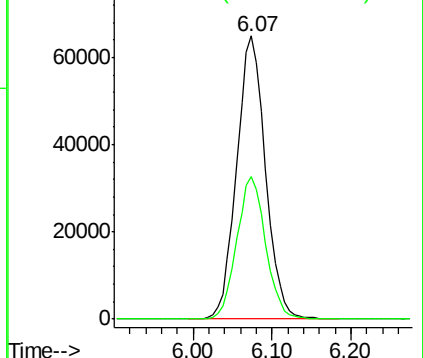
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002848.D

Acq: 22 Jun 2018 23:05

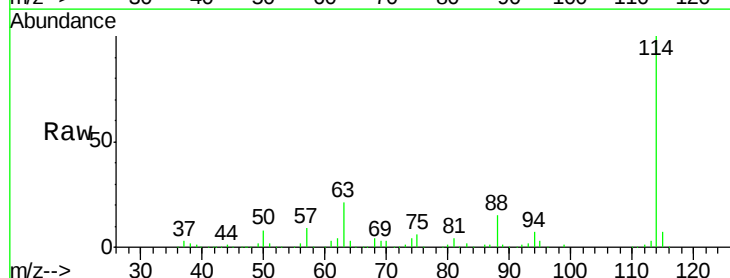
Tgt Ion: 114 Resp: 339651

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

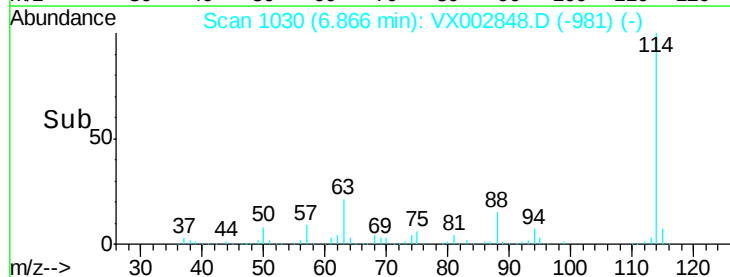
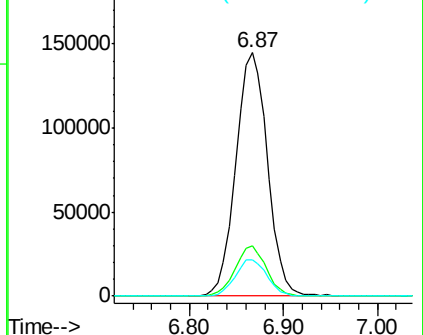
88 14.8 0.0 30.0

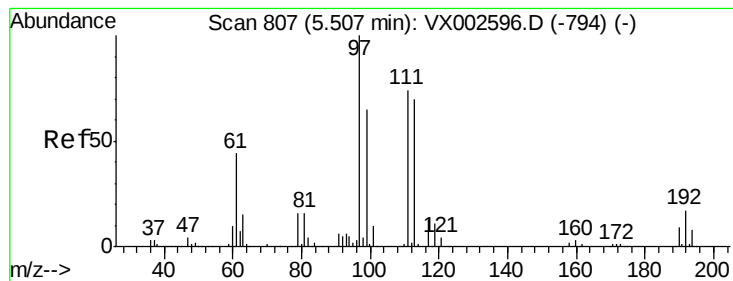


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.40 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002848.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_X

ClientSampleId :

S83-0018

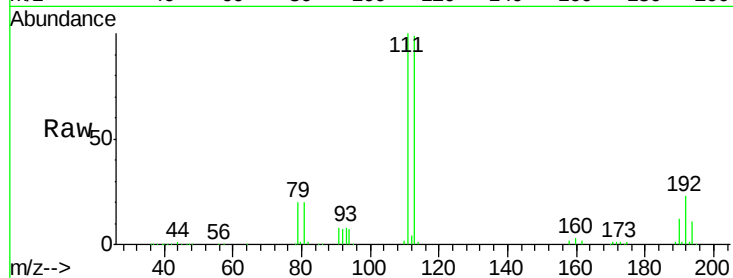
Tot Ion:113 Resp: 128500

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

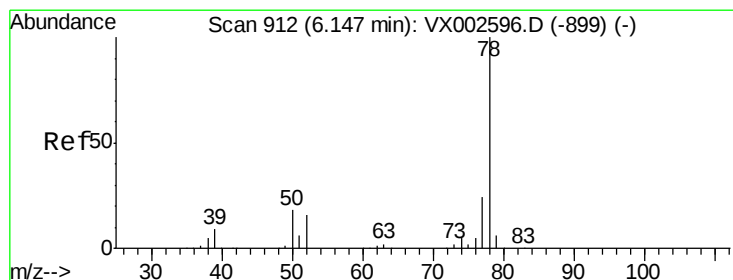
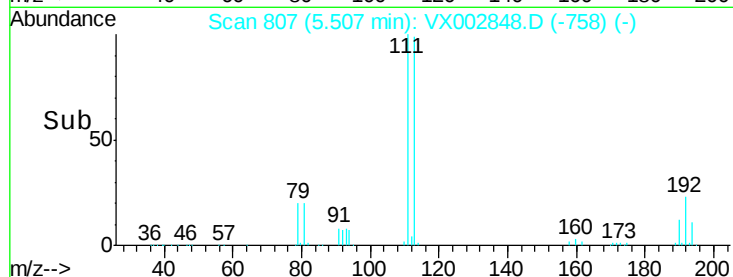
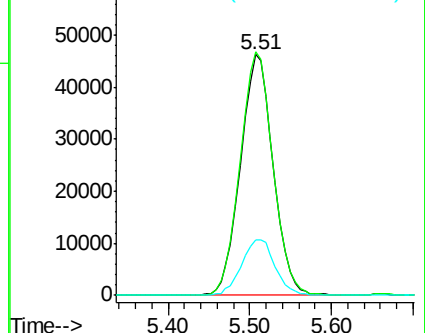
192 23.7 19.1 28.7



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



#40

Benzene

Concen: 0.39 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002848.D

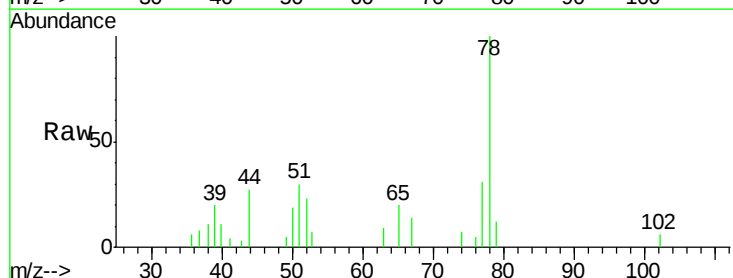
Acq: 22 Jun 2018 23:05

Tgt Ion: 78 Resp: 4182

Ion Ratio Lower Upper

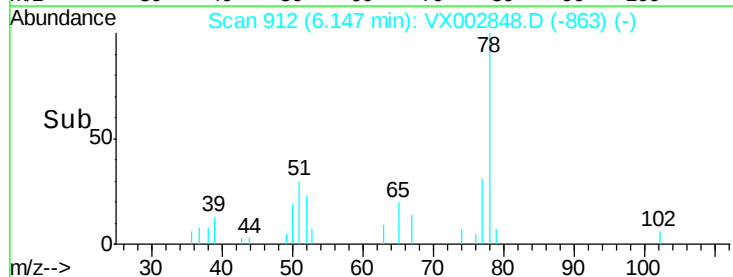
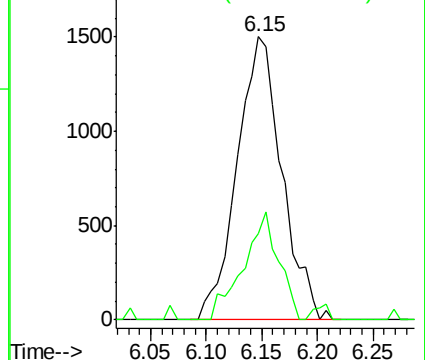
78 100

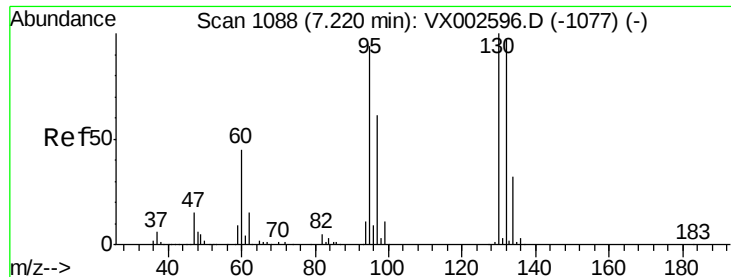
77 30.5 19.1 28.7#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#44

Trichloroethene

Concen: 1.25 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002848.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_X

ClientSampleId :

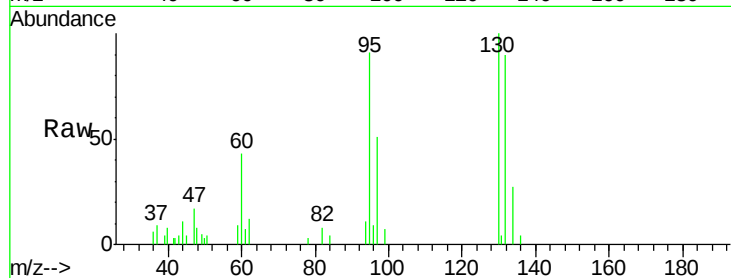
S83-0018

Tot Ion:130 Resp: 3913

Ion Ratio Lower Upper

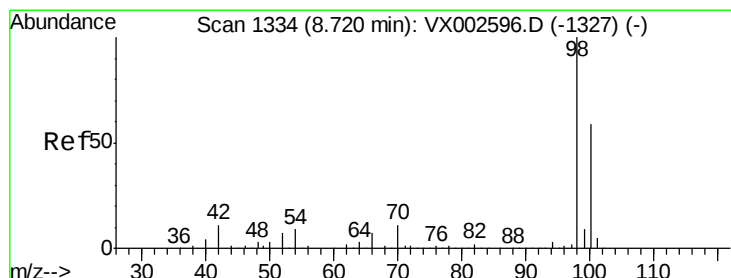
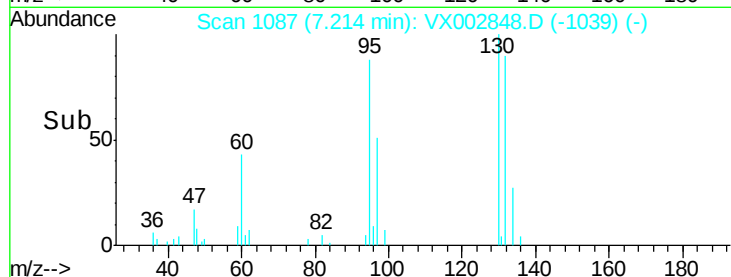
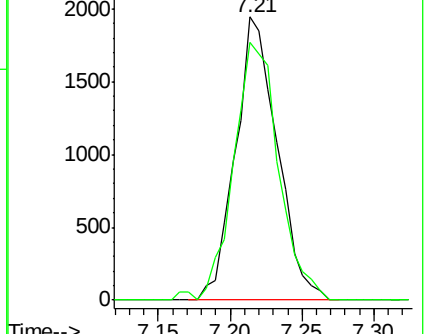
130 100

95 91.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 46.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002848.D

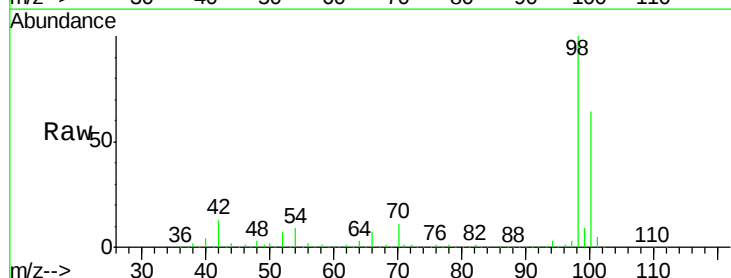
Acq: 22 Jun 2018 23:05

Tgt Ion: 98 Resp: 479676

Ion Ratio Lower Upper

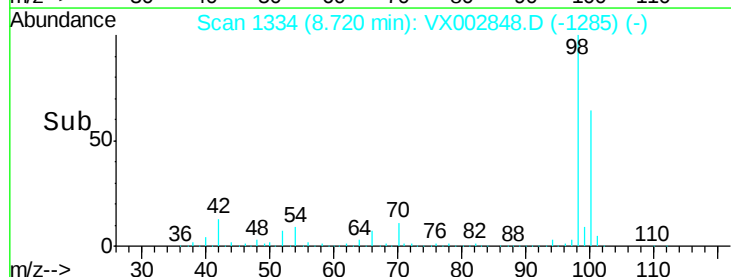
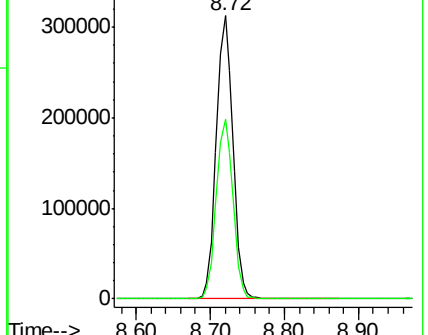
98 100

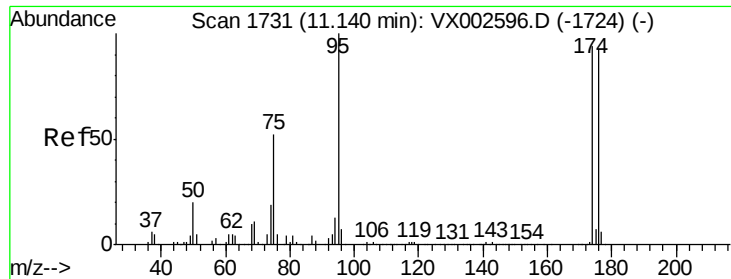
100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002848.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_X

ClientSampleId :

S83-0018

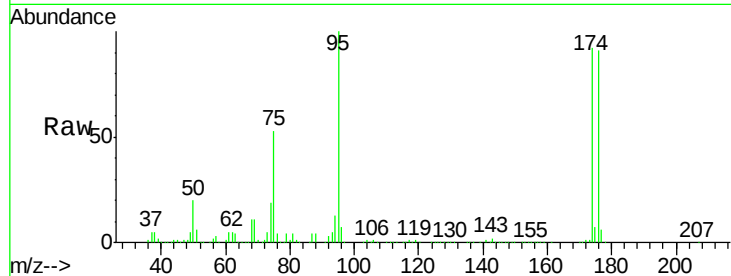
Tot Ion: 95 Resp: 172429

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

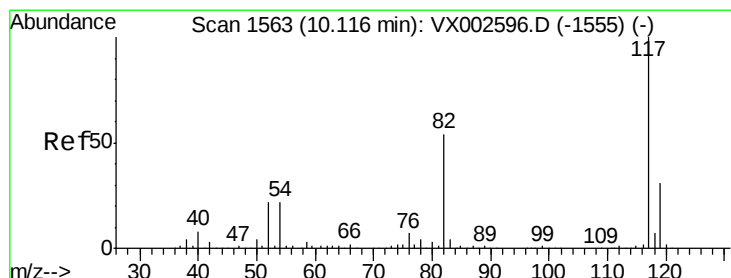
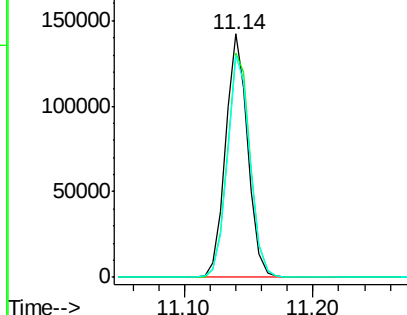
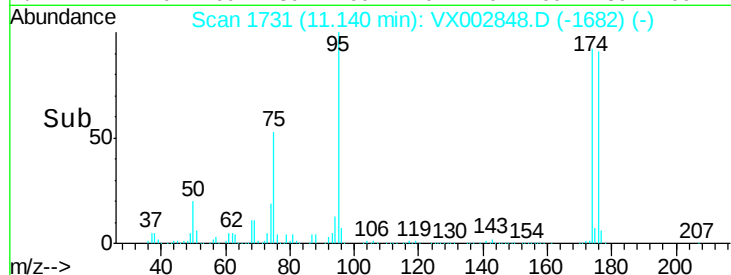
176 92.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002848.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002848.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002848.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002848.D

Acq: 22 Jun 2018 23:05

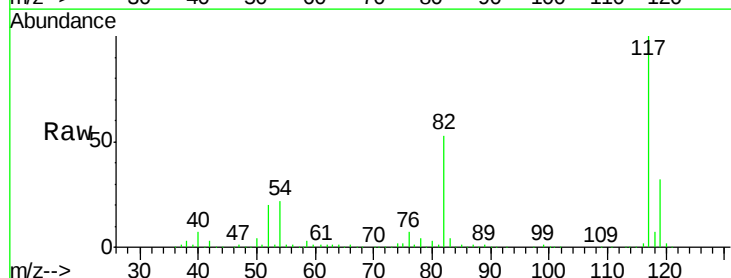
Tgt Ion: 117 Resp: 317279

Ion Ratio Lower Upper

117 100

82 53.1 45.0 67.4

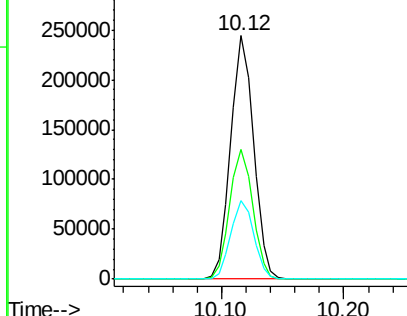
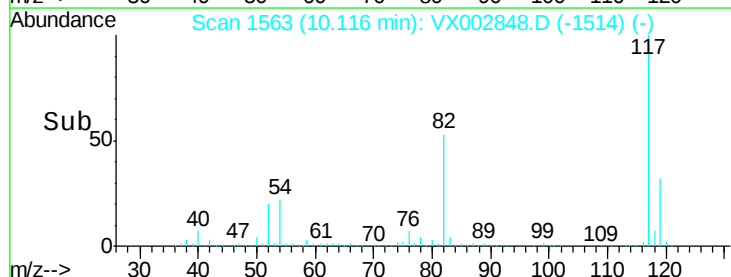
119 32.1 25.8 38.6

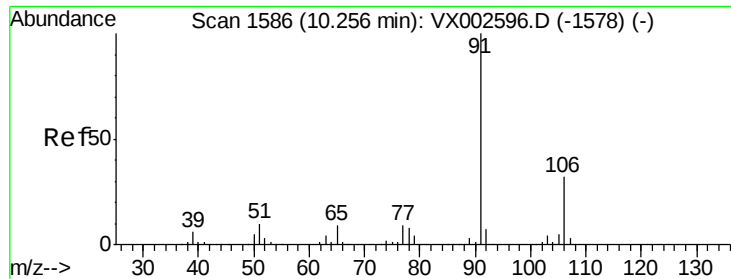


Abundance Ion 116.90 (116.60 to 117.60): VX002848.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002848.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002848.D (-1514) (-)

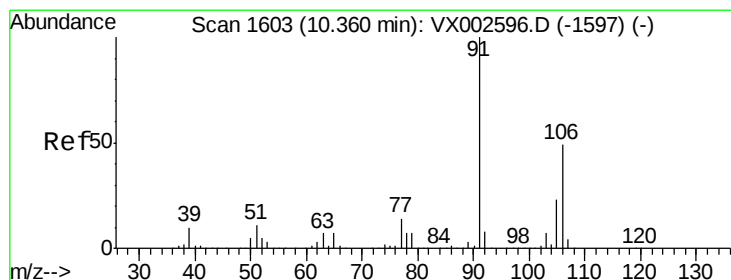
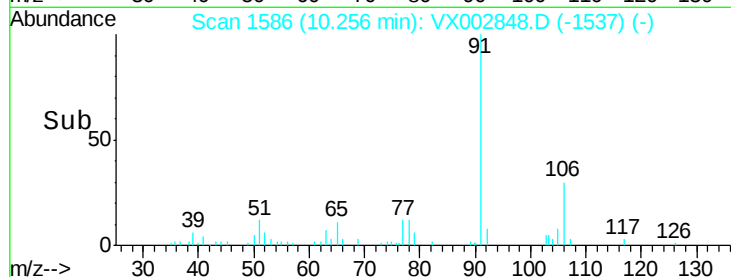
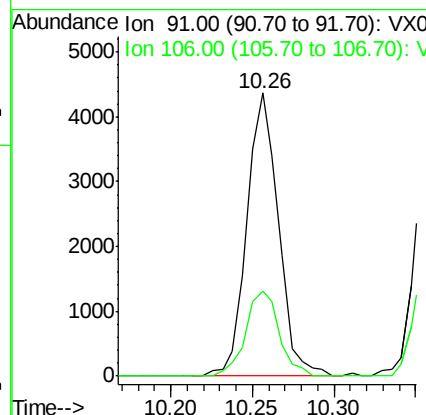
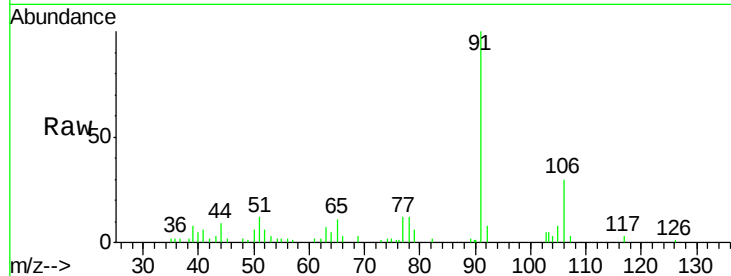




#67
Ethyl Benzene
Concen: 0.45 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002848.D
Acq: 22 Jun 2018 23:05

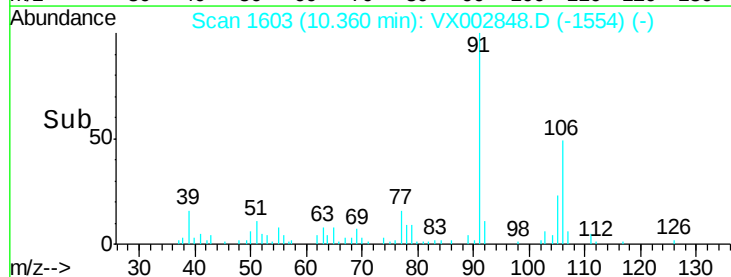
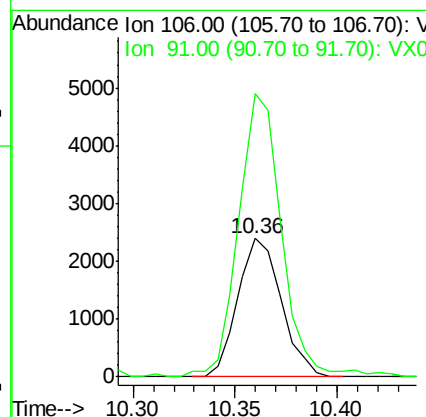
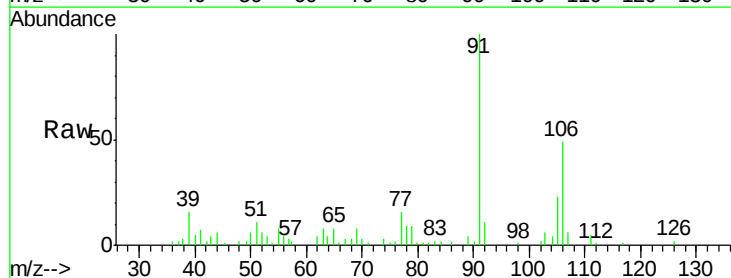
Instrument :
MSVOA_X
ClientSampleId :
S83-0018

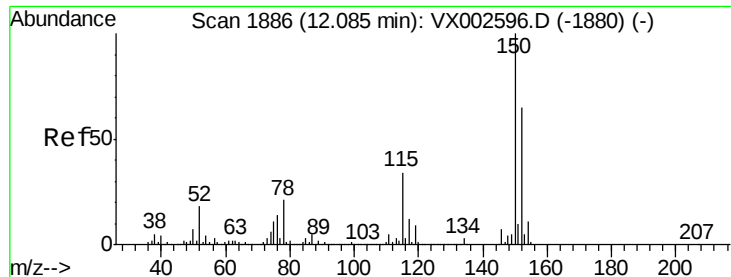
Tot Ion: 91 Resp: 5907
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 0.70 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002848.D
Acq: 22 Jun 2018 23:05

Tgt Ion: 106 Resp: 3532
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002848.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_X

ClientSampled :

S83-0018

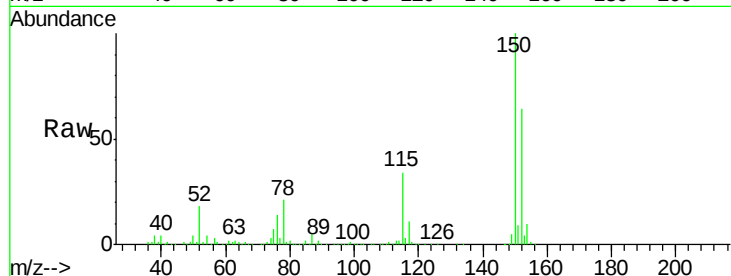
Tot Ion:152 Resp: 183151

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

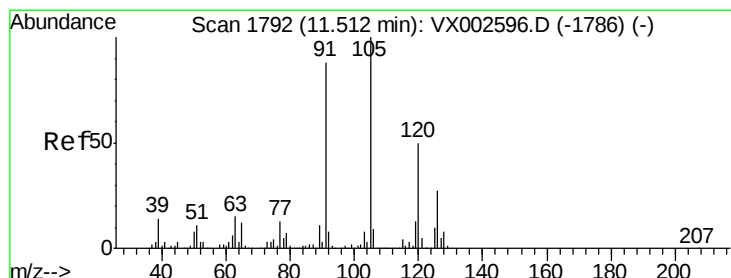
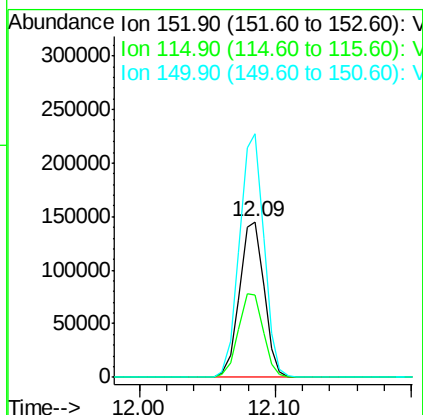
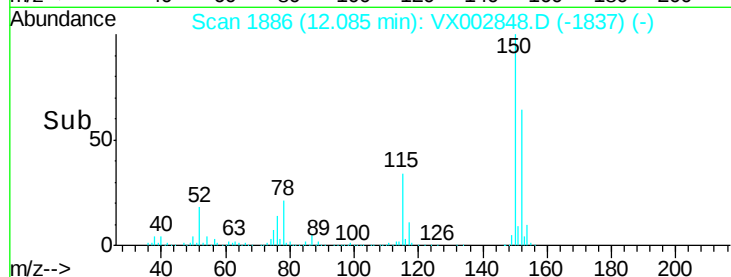
150 155.6 0.0 347.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002848.D

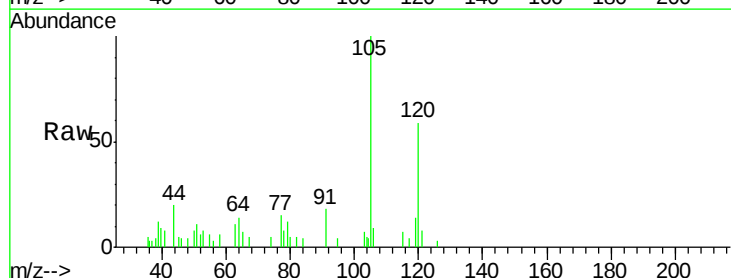
Acq: 22 Jun 2018 23:05

Tgt Ion:105 Resp: 2310

Ion Ratio Lower Upper

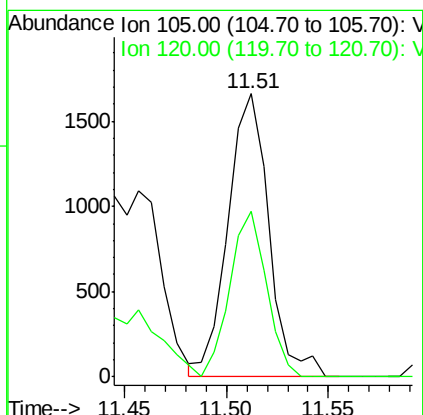
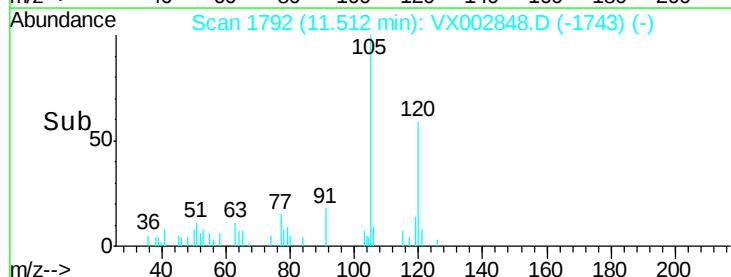
105 100

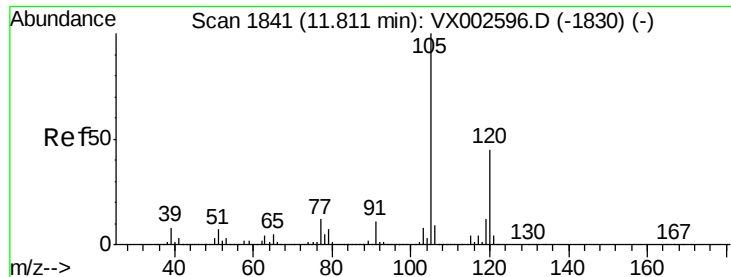
120 52.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 0.51 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002848.D
 Acq: 22 Jun 2018 23:05

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0018

Tot Ion:105 Resp: 5349
 Ion Ratio Lower Upper
 105 100
 120 49.5 22.3 66.8

