

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003695.D
 Acq On : 27 Jul 2018 03:47
 Operator : JC/SP
 Sample : J4154-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0506

Quant Time: Jul 27 17:23:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

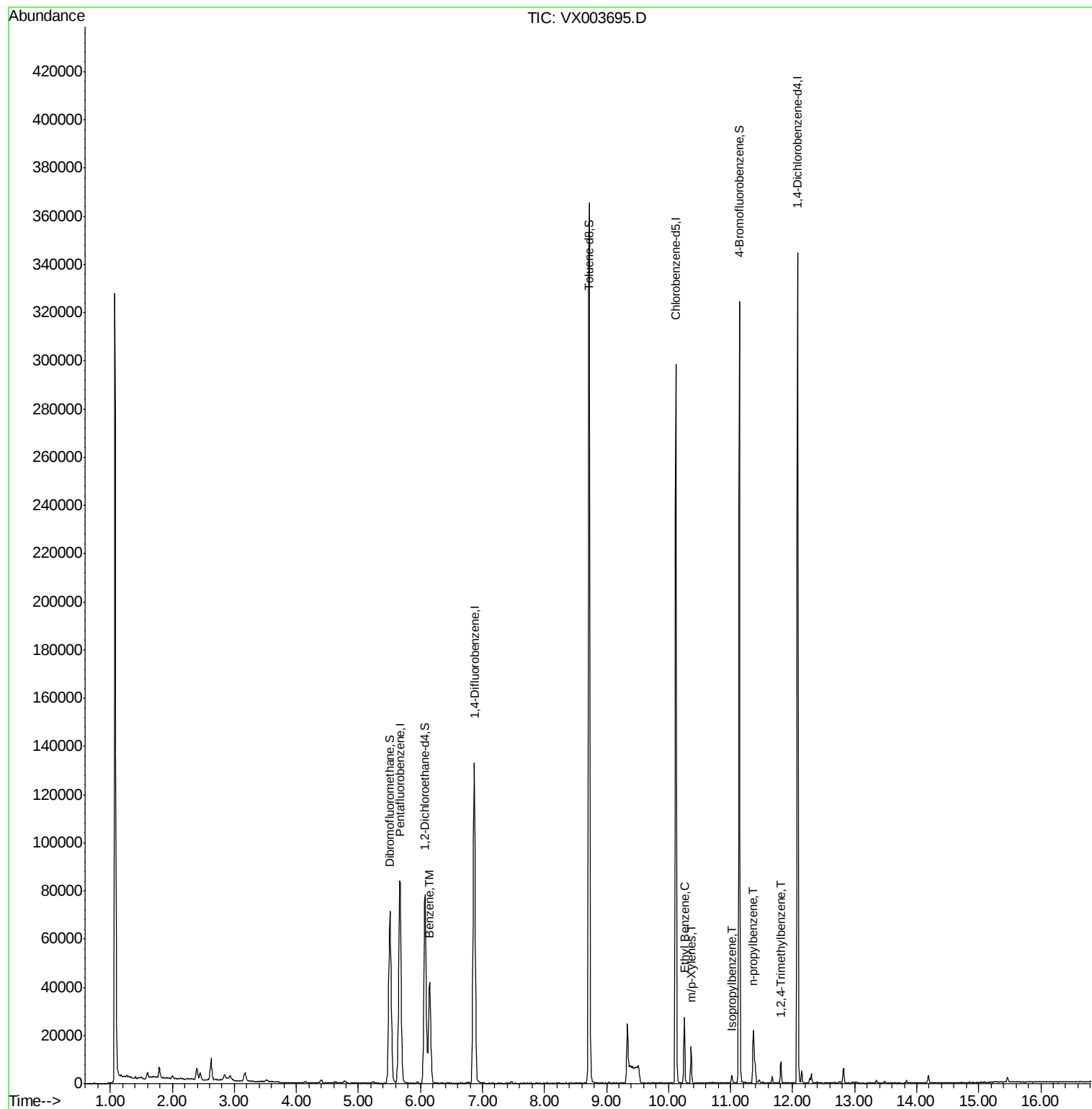
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	83659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	131901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	70487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	73709	59.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.96%	
35) Dibromofluoromethane	5.51	113	59330	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
50) Toluene-d8	8.72	98	217508	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.14	95	77706	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
Target Compounds						
40) Benzene	6.15	78	49098	10.76	ug/l	99
67) Ethyl Benzene	10.26	91	15154	2.75	ug/l	99
68) m/p-Xylenes	10.37	106	3524	1.67	ug/l	98
73) Isopropylbenzene	11.02	105	1894	0.39	ug/l	95
78) n-propylbenzene	11.36	91	1477	0.27	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	3786	0.90	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003695.D

Acq: 27 Jul 2018 03:47

Instrument :

MSVOA_X

ClientSampleId :

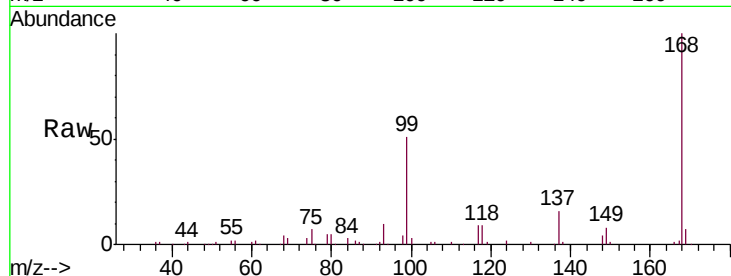
FL-0506

Tot Ion:168 Resp: 83659

Ion Ratio Lower Upper

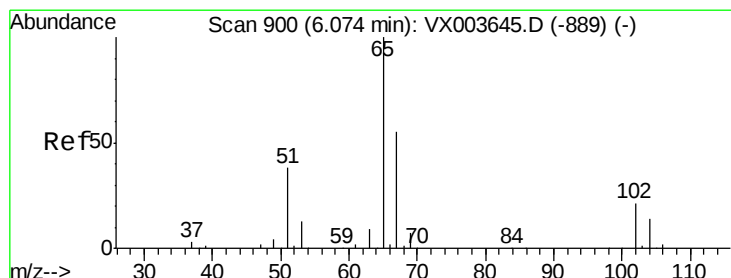
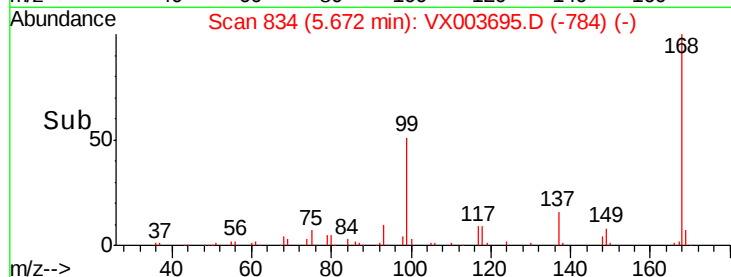
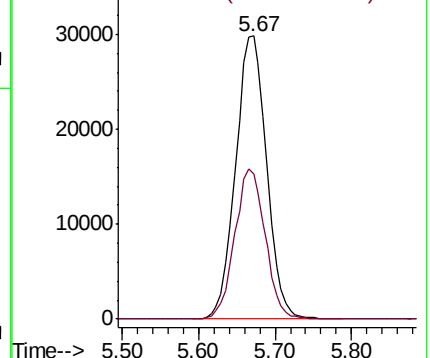
168 100

99 51.1 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 59.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003695.D

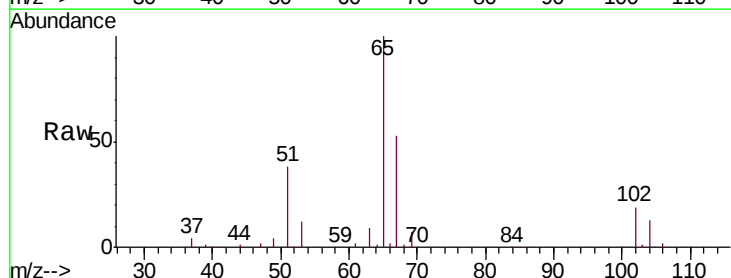
Acq: 27 Jul 2018 03:47

Tgt Ion: 65 Resp: 73709

Ion Ratio Lower Upper

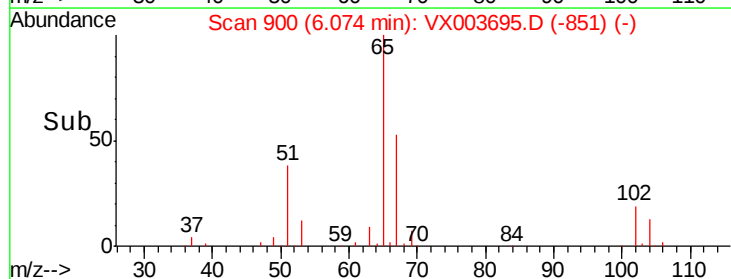
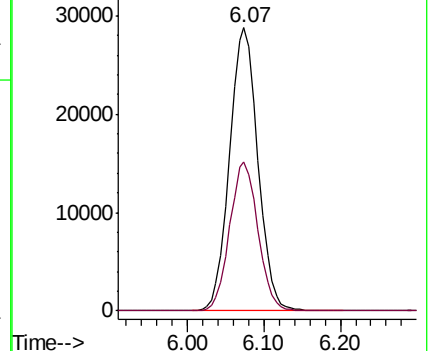
65 100

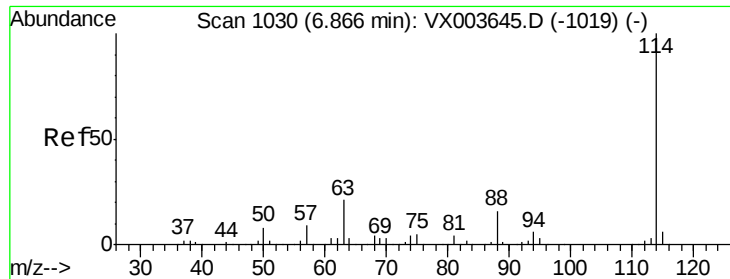
67 52.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

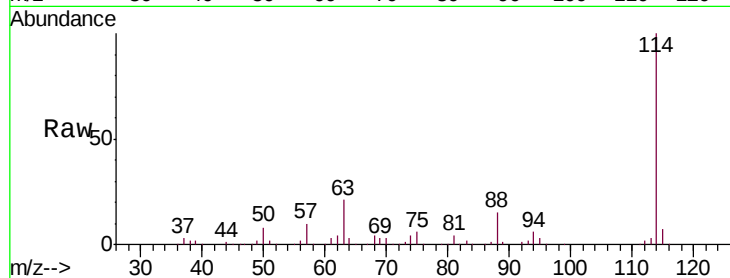




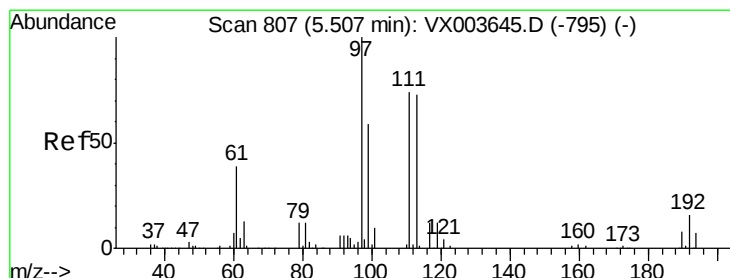
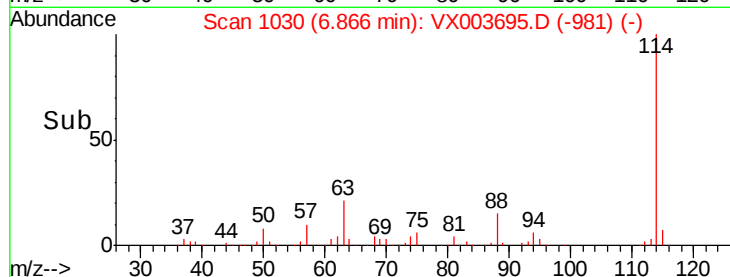
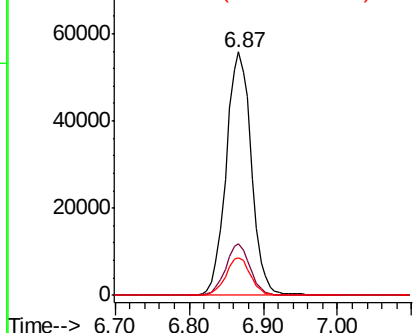
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003695.D
 Acq: 27 Jul 2018 03:47

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0506

Tot Ion:114 Resp: 131901
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.0
 88 15.4 0.0 31.8

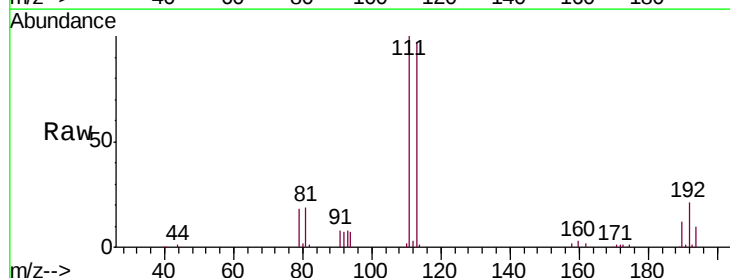


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

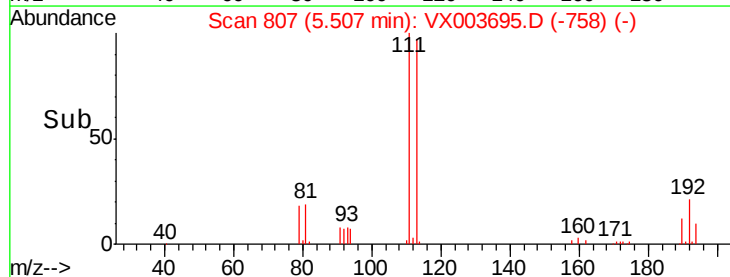
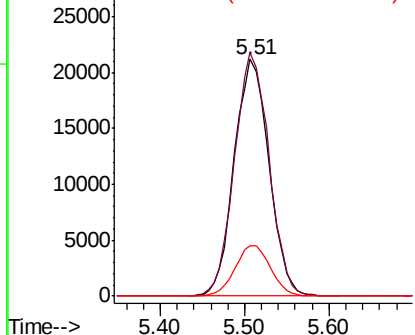


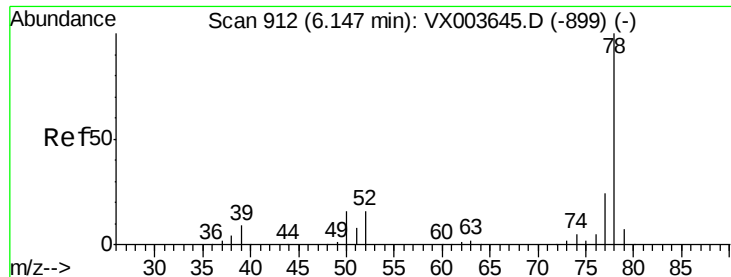
#35
 Dibromofluoromethane
 Concen: 55.02 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003695.D
 Acq: 27 Jul 2018 03:47

Tgt Ion:113 Resp: 59330
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 21.7 18.2 27.4



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: 10.76 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003695.D

Acq: 27 Jul 2018 03:47

Instrument :

MSVOA_X

ClientSampleId :

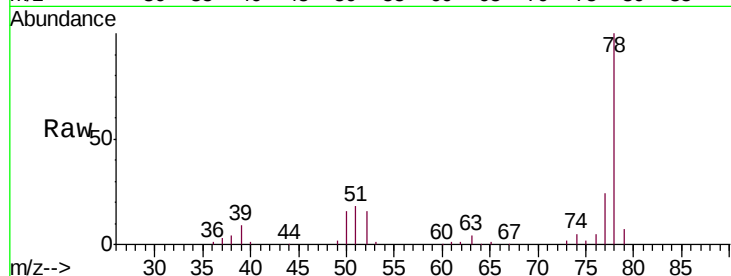
FL-0506

Tot Ion: 78 Resp: 49098

Ion Ratio Lower Upper

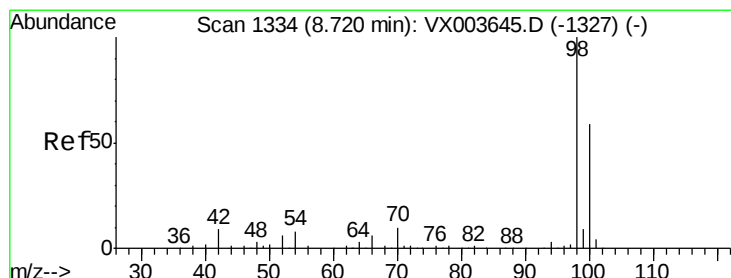
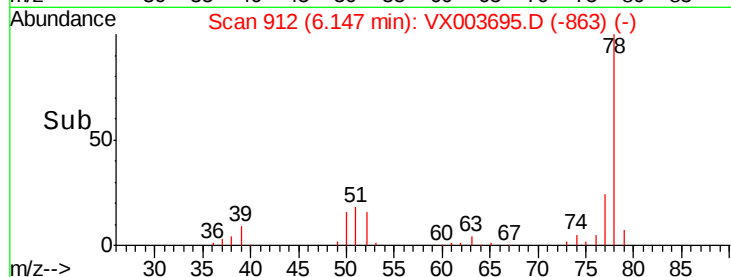
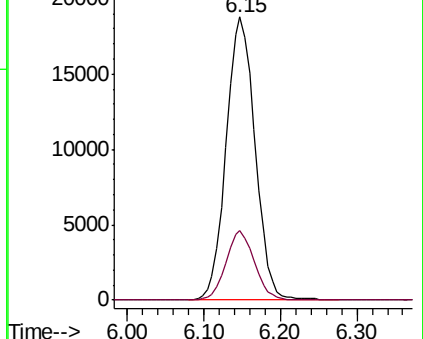
78 100

77 24.4 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 52.86 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003695.D

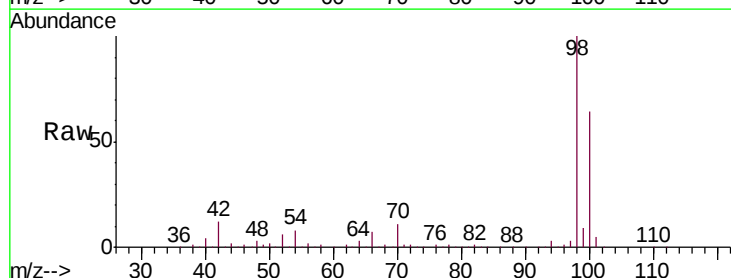
Acq: 27 Jul 2018 03:47

Tgt Ion: 98 Resp: 217508

Ion Ratio Lower Upper

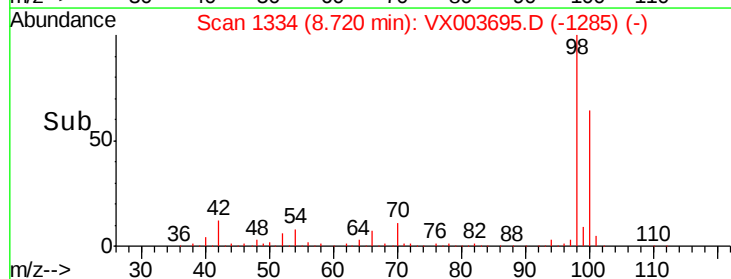
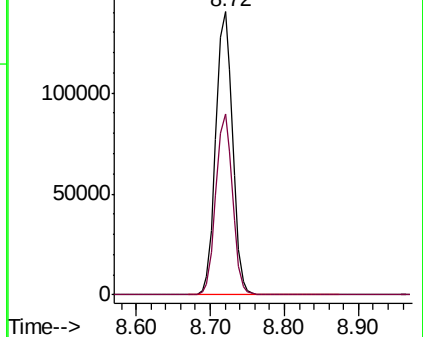
98 100

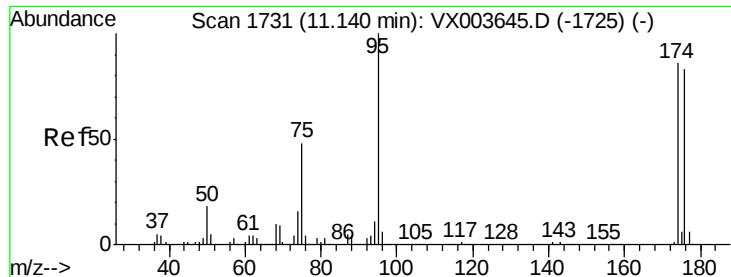
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003695.D

Acq: 27 Jul 2018 03:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0506

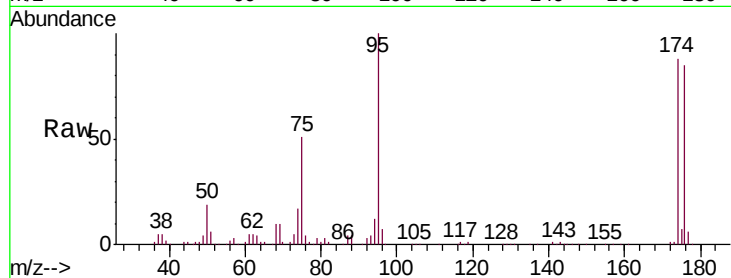
Tot Ion: 95 Resp: 77706

Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.0

176 85.2 0.0 173.0

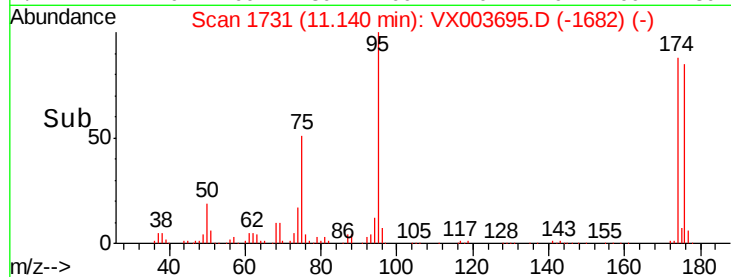


Abundance Ion 94.90 (94.60 to 95.60): VX003645.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX003645.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX003645.D (-1725) (-)

Time-->

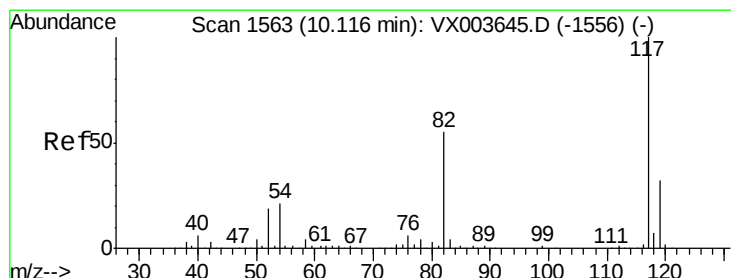


Abundance Ion 94.90 (94.60 to 95.60): VX003695.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003695.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003695.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003695.D

Acq: 27 Jul 2018 03:47

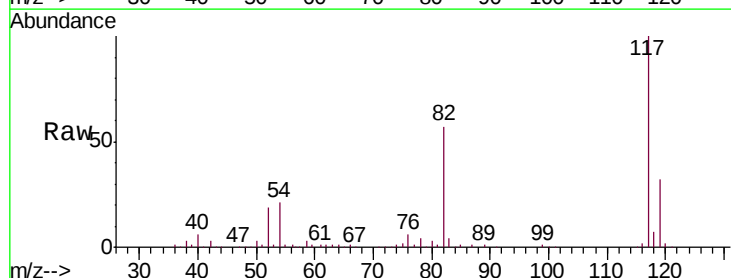
Tgt Ion: 117 Resp: 130718

Ion Ratio Lower Upper

117 100

82 56.5 44.3 66.5

119 32.3 25.6 38.4

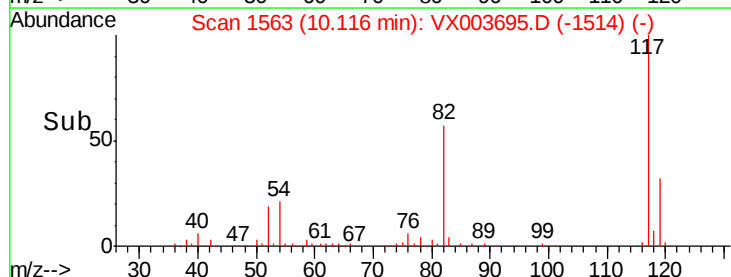


Abundance Ion 116.90 (116.60 to 117.60): VX003645.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003645.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003645.D (-1556) (-)

Time-->

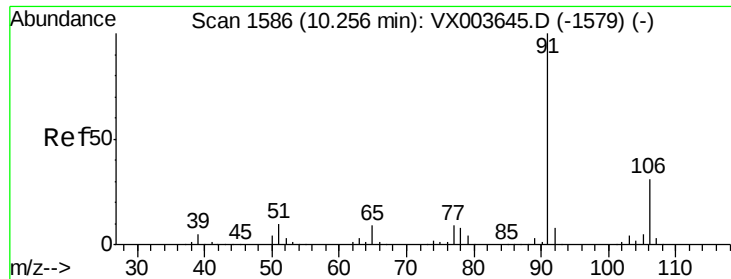


Abundance Ion 116.90 (116.60 to 117.60): VX003695.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003695.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003695.D (-1514) (-)

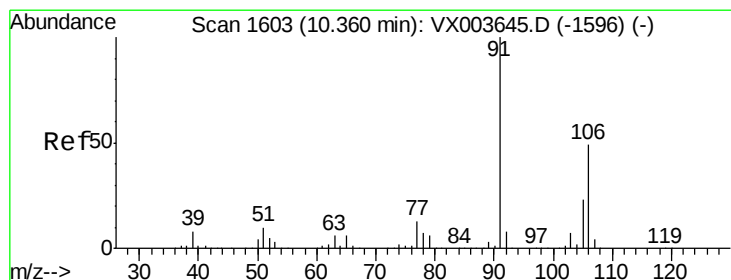
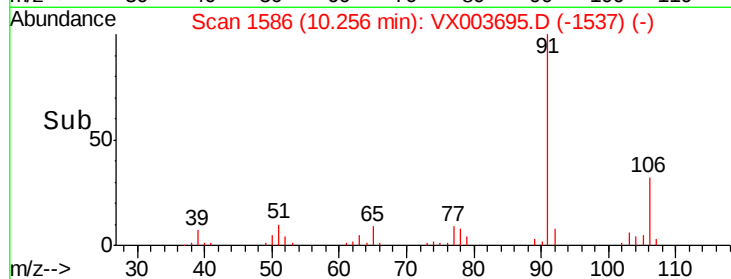
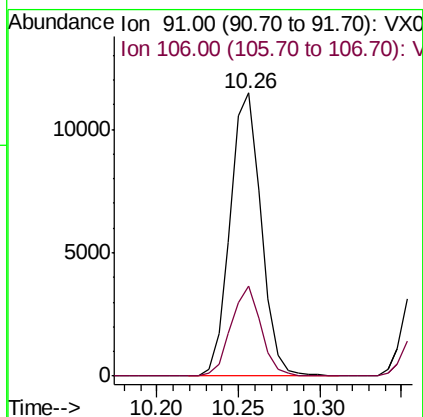
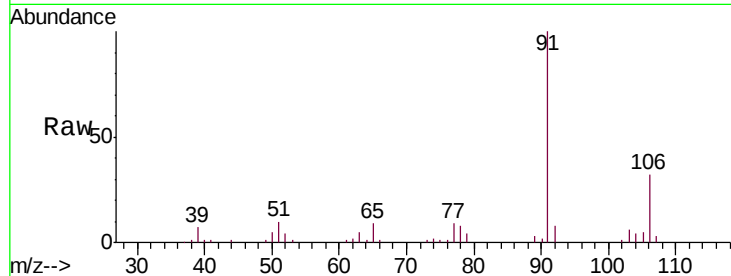
Time-->



#67
Ethyl Benzene
Concen: 2.75 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003695.D
Acq: 27 Jul 2018 03:47

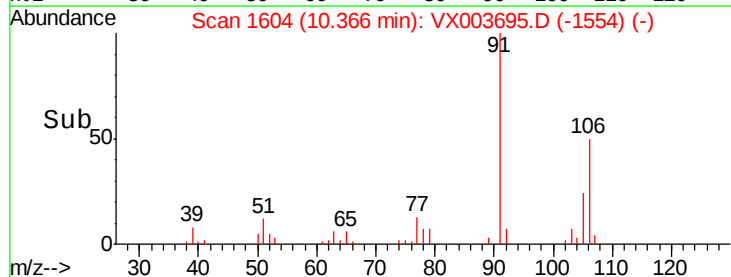
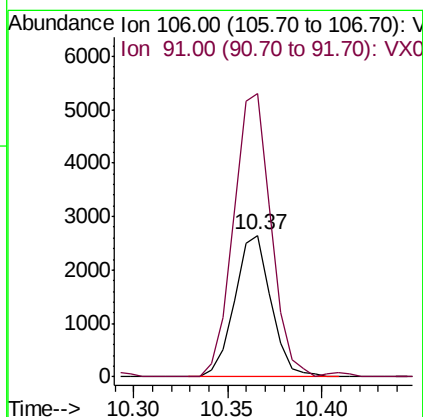
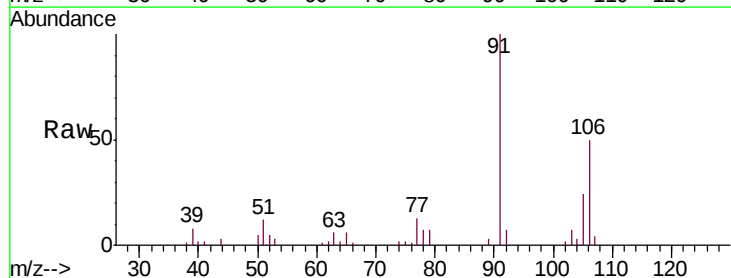
Instrument :
MSVOA_X
ClientSampled :
FL-0506

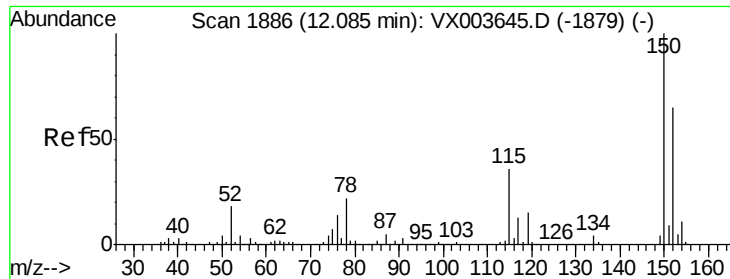
Tot Ion: 91 Resp: 15154
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6



#68
m/p-Xylenes
Concen: 1.67 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003695.D
Acq: 27 Jul 2018 03:47

Tgt Ion: 106 Resp: 3524
Ion Ratio Lower Upper
106 100
91 205.9 162.2 243.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003695.D

Acq: 27 Jul 2018 03:47

Instrument :

MSVOA_X

ClientSampleId :

FL-0506

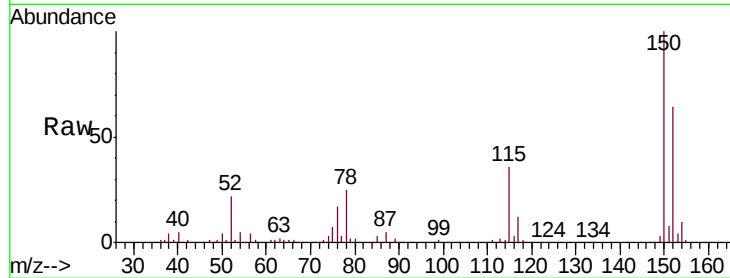
Tot Ion:152 Resp: 70487

Ion Ratio Lower Upper

152 100

115 56.5 40.0 119.9

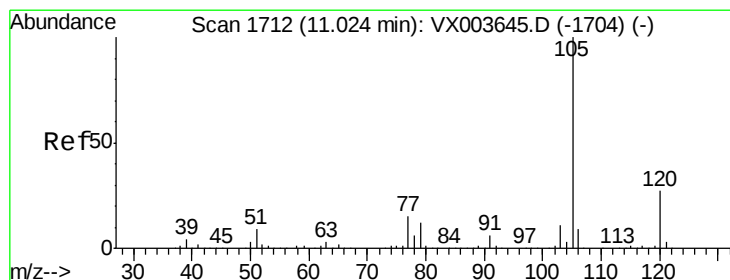
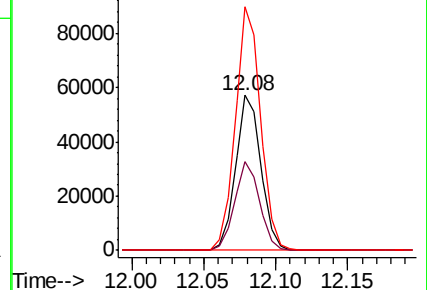
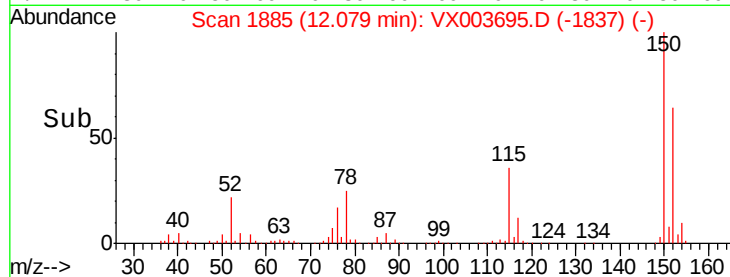
150 156.2 0.0 348.4



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



#73

Isopropylbenzene

Concen: 0.39 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003695.D

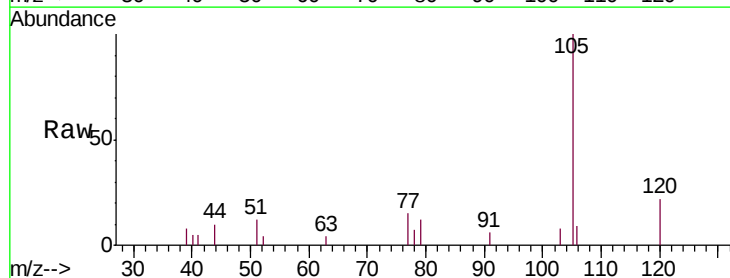
Acq: 27 Jul 2018 03:47

Tgt Ion:105 Resp: 1894

Ion Ratio Lower Upper

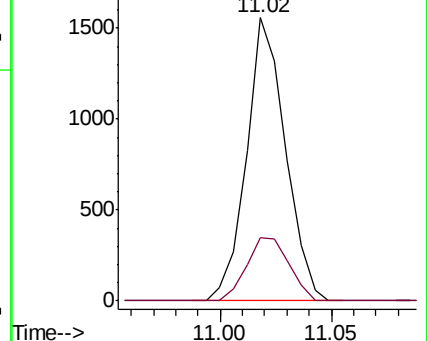
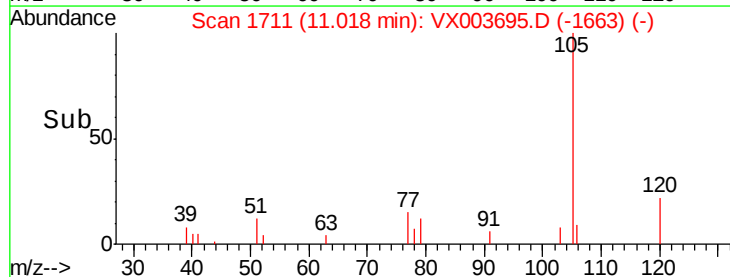
105 100

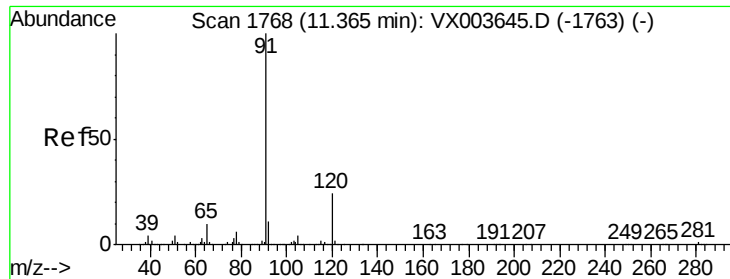
120 24.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.27 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003695.D

Acq: 27 Jul 2018 03:47

Instrument :

MSVOA_X

ClientSampled :

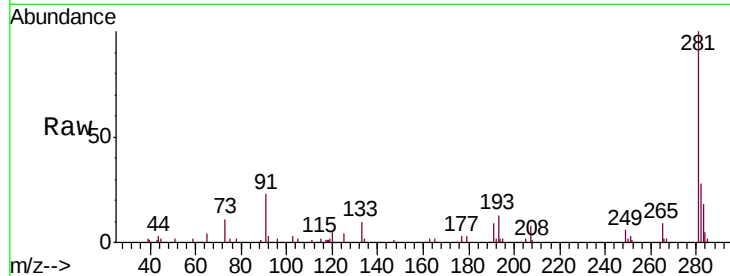
FL-0506

Tot Ion: 91 Resp: 1477

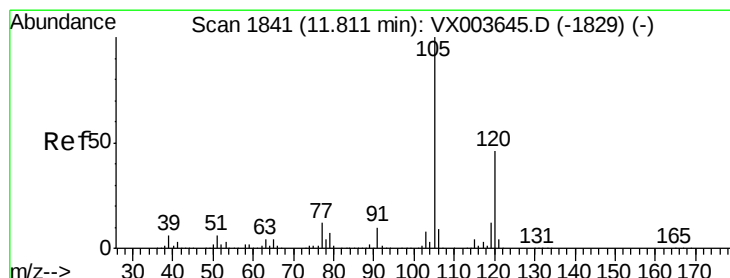
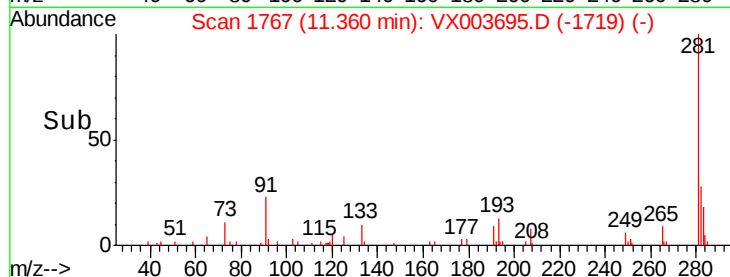
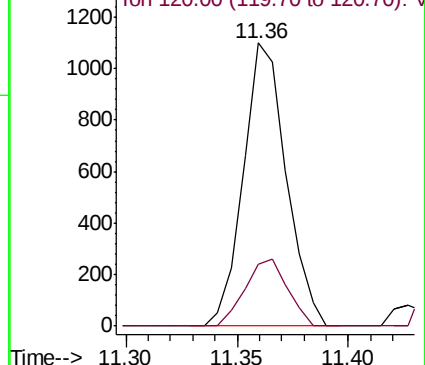
Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1763) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.90 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003695.D

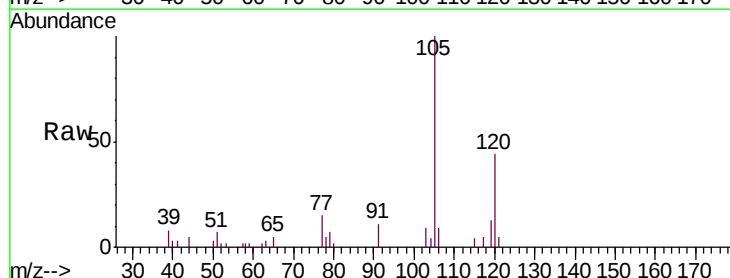
Acq: 27 Jul 2018 03:47

Tgt Ion: 105 Resp: 3786

Ion Ratio Lower Upper

105 100

120 43.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VX003645.D (-1829) (-)

