

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000413.D
 Acq On : 22 Mar 2018 18:11
 Operator : JC/MD
 Sample : J2005-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7-031918

Quant Time: Mar 23 06:54:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	95764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	157696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	70637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	68334	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
35) Dibromofluoromethane	5.51	113	53278	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
50) Toluene-d8	8.73	98	204543	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	11.15	95	66717	38.13	ug/l	0.00
Spiked Amount			Recovery	=	76.26%	

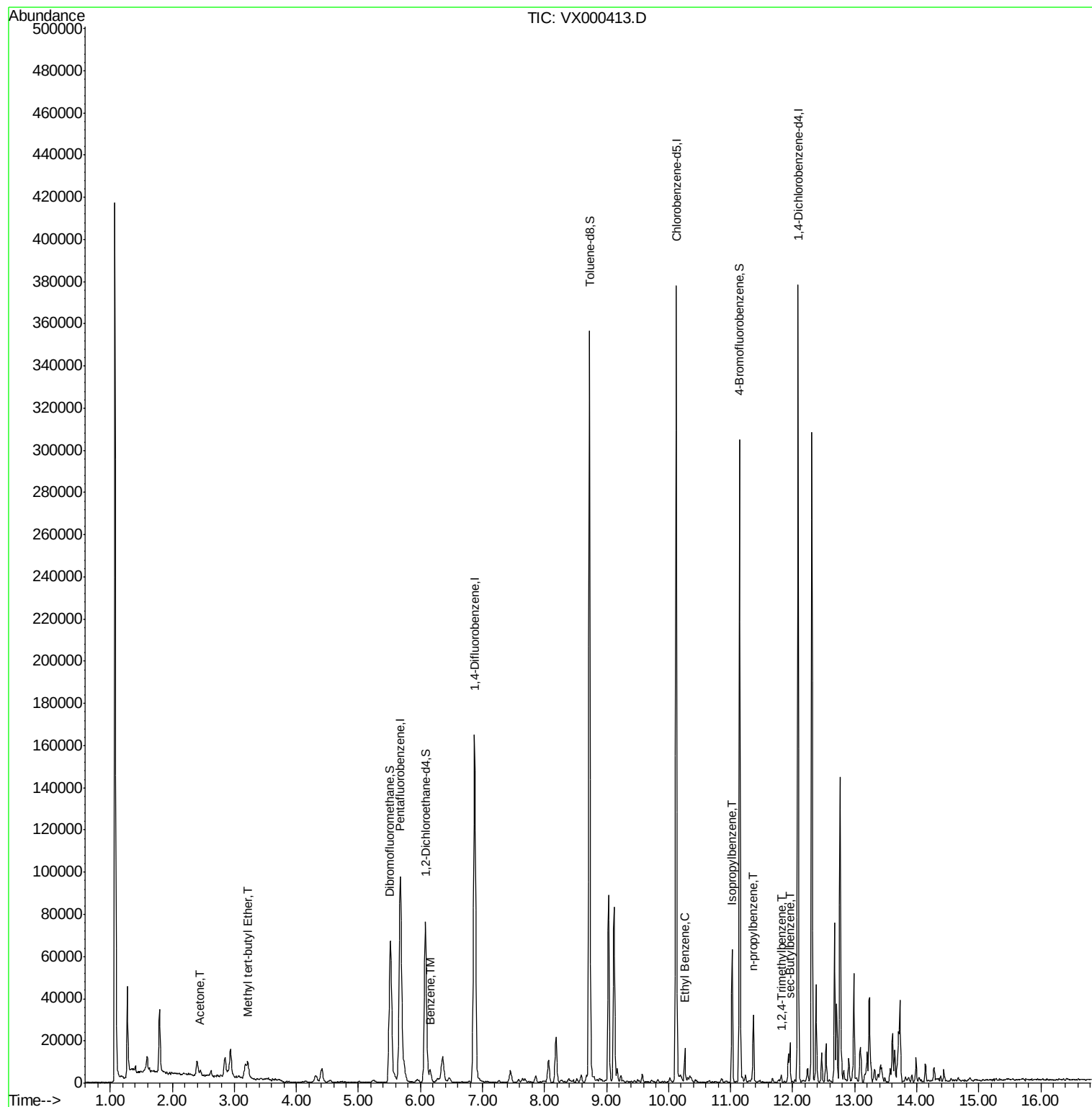
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3171	3.05	ug/l	89
19) Methyl tert-butyl Ether	3.22	73	7989	2.08	ug/l	95
40) Benzene	6.15	78	6321	1.40	ug/l #	67
67) Ethyl Benzene	10.26	91	8834	1.48	ug/l	95
73) Isopropylbenzene	11.02	105	31483	6.73	ug/l	99
78) n-propylbenzene	11.37	91	17642	3.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	1451	0.35	ug/l	100
85) sec-Butylbenzene	11.96	105	8924	1.82	ug/l	97

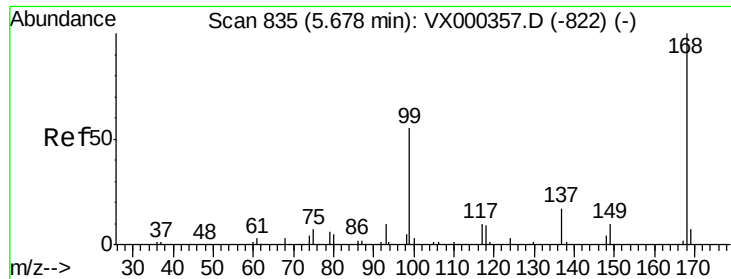
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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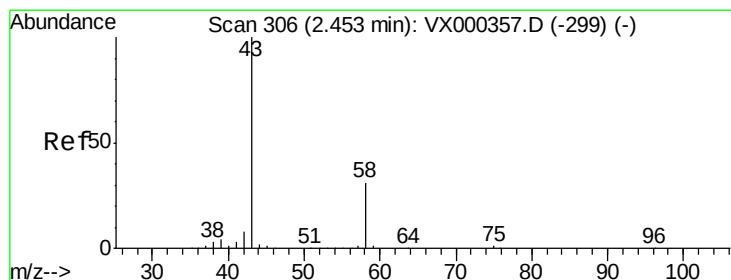
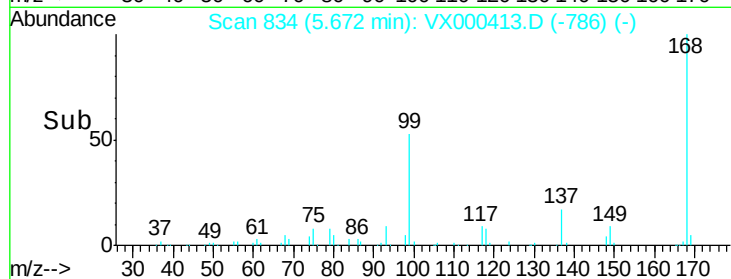
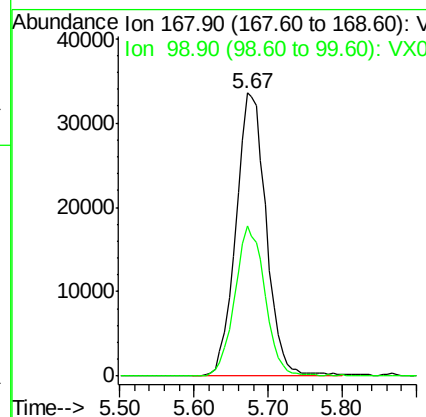
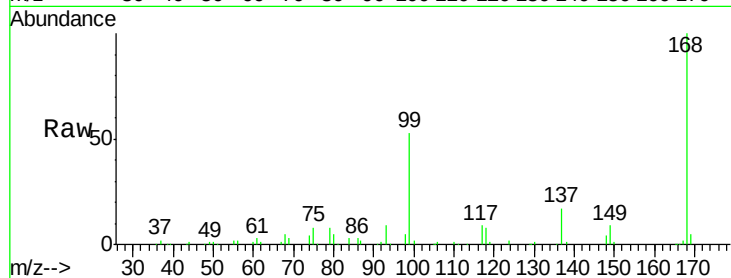




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000413.D
Acq: 22 Mar 2018 18:11

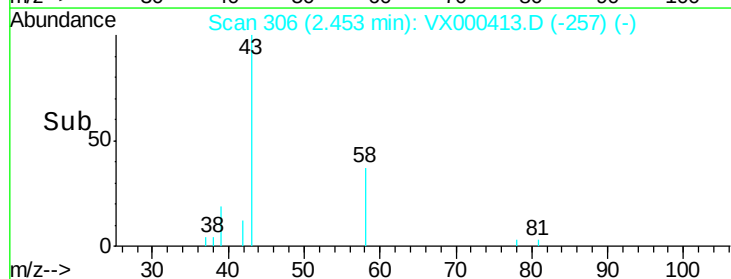
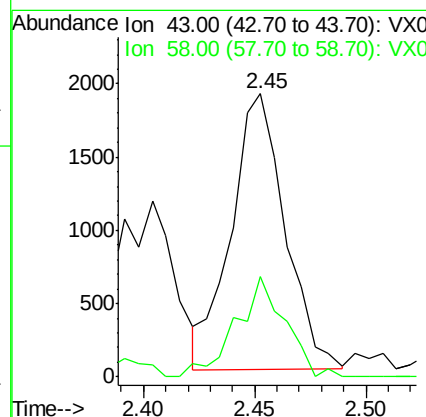
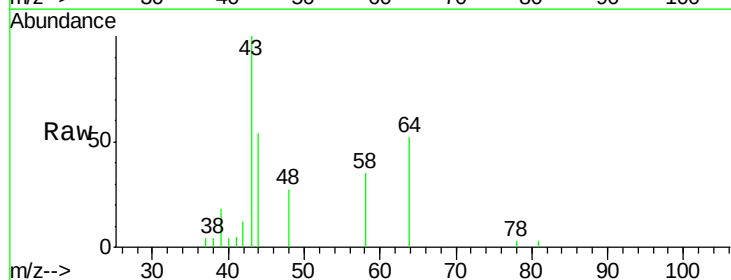
Instrument :
MSVOA_X
ClientSampleId :
MW-7-031918

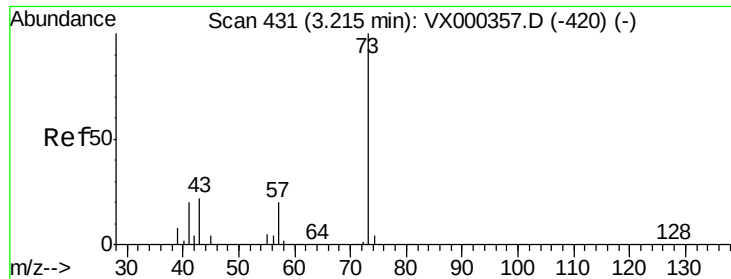
Tot Ion:168 Resp: 95764
Ion Ratio Lower Upper
168 100
99 53.1 45.8 68.6



#16
Acetone
Concen: 3.05 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000413.D
Acq: 22 Mar 2018 18:11

Tgt Ion: 43 Resp: 3171
Ion Ratio Lower Upper
43 100
58 36.7 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 2.08 ug/l

RT: 3.22 min Scan# 432

Delta R.T. 0.01 min

Lab File: VX000413.D

Acq: 22 Mar 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

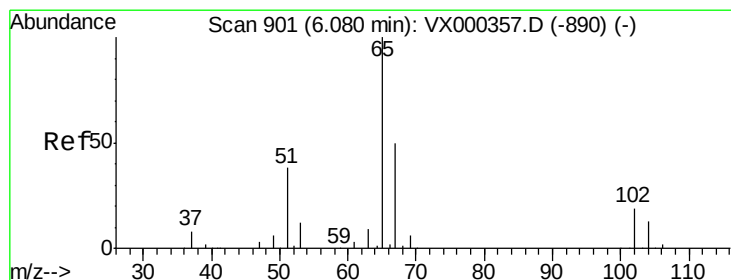
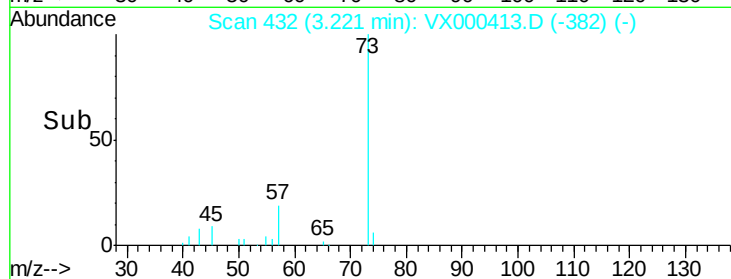
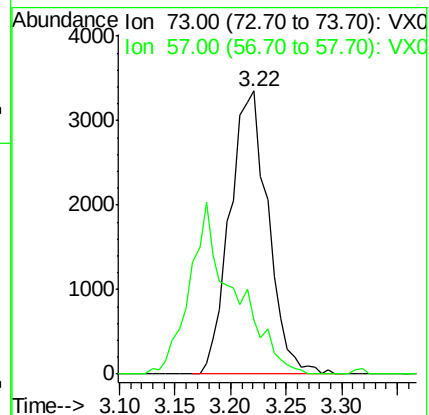
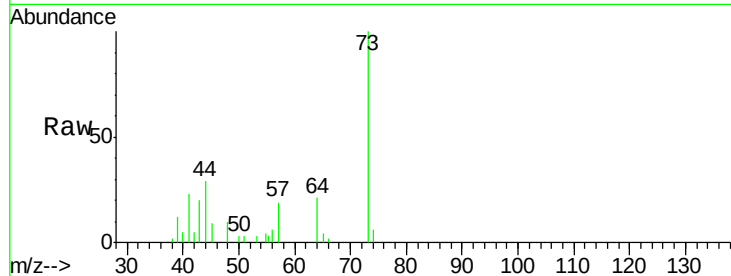
MW-7-031918

Tot Ion: 73 Resp: 7989

Ion Ratio Lower Upper

73 100

57 19.3 17.2 25.8



#33

1,2-Dichloroethane-d4

Concen: 54.66 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000413.D

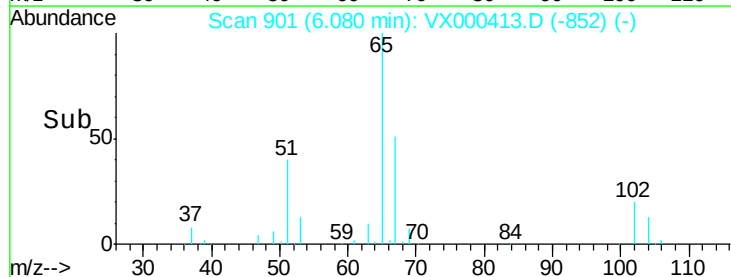
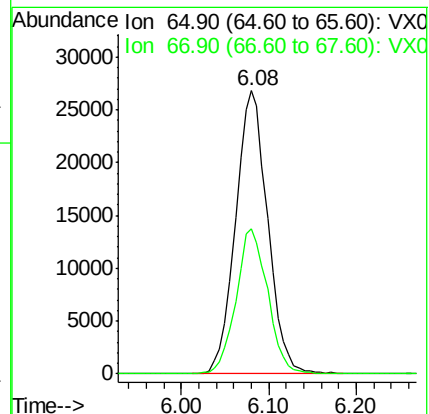
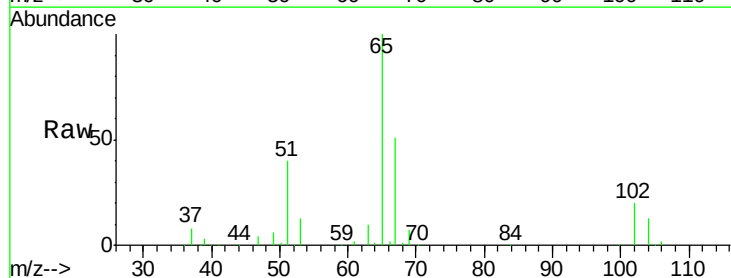
Acq: 22 Mar 2018 18:11

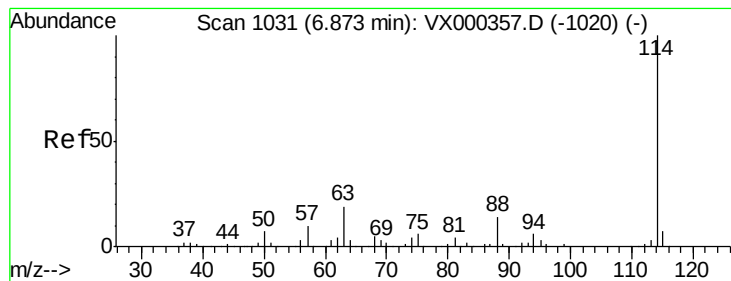
Tgt Ion: 65 Resp: 68334

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000413.D

Acq: 22 Mar 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

MW-7-031918

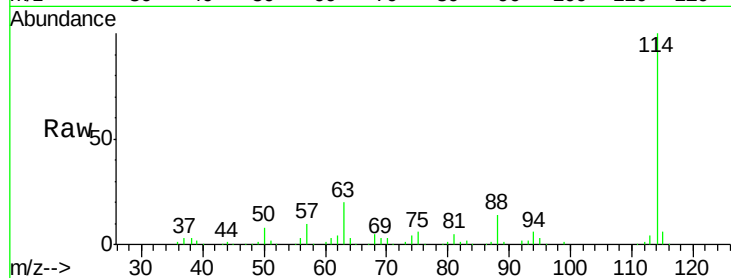
Tot Ion:114 Resp: 165976

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

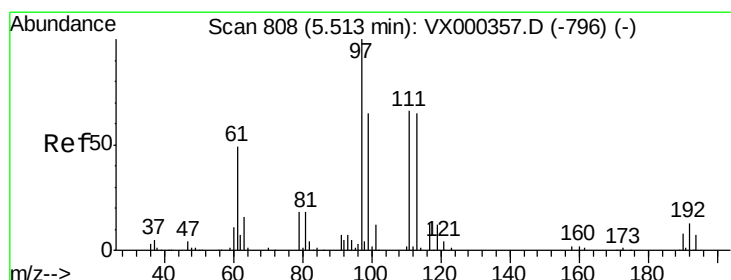
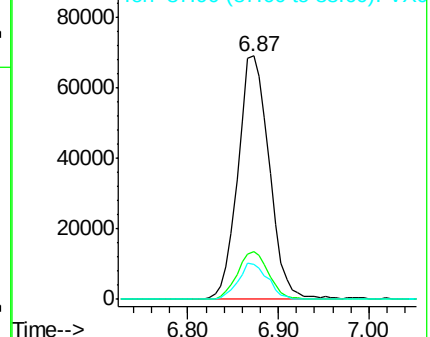
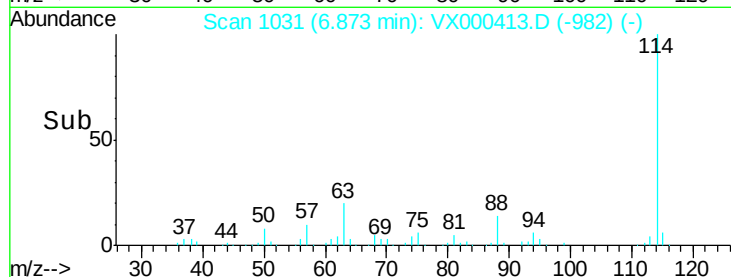
88 14.5 0.0 27.0



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: 50.95 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000413.D

Acq: 22 Mar 2018 18:11

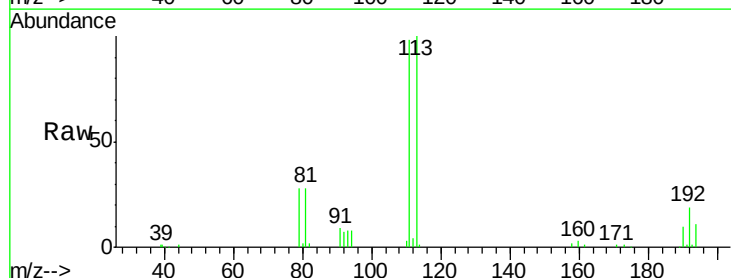
Tgt Ion:113 Resp: 53278

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

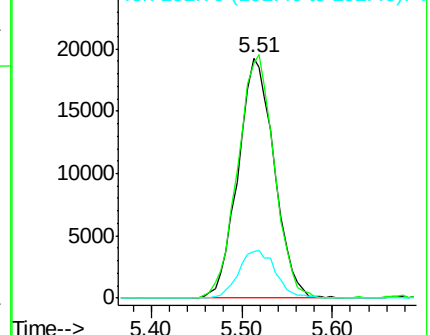
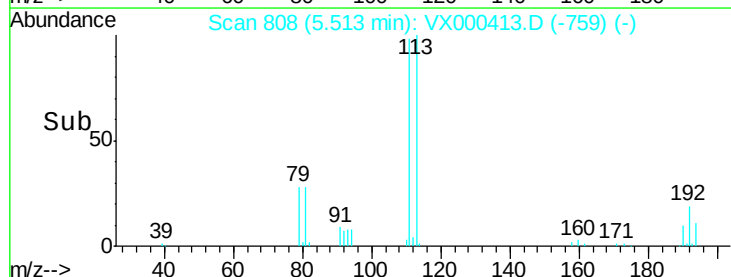
192 20.2 15.8 23.6

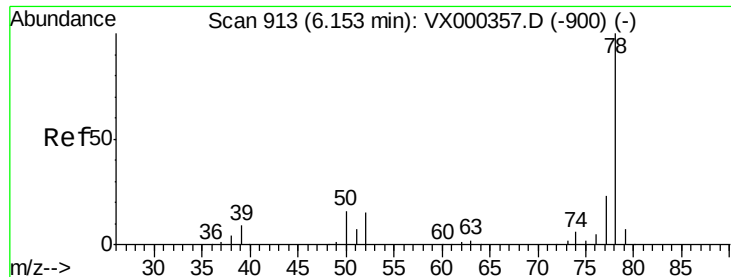


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.40 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000413.D

Acq: 22 Mar 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

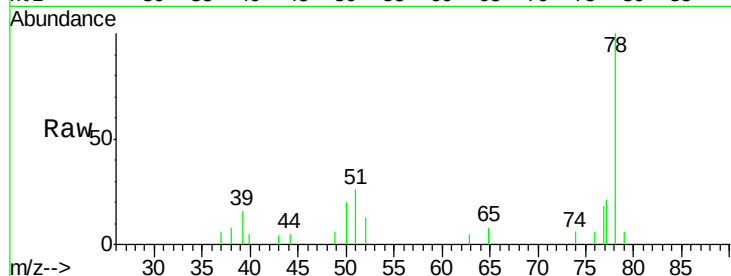
MW-7-031918

Tot Ion: 78 Resp: 6321

Ion Ratio Lower Upper

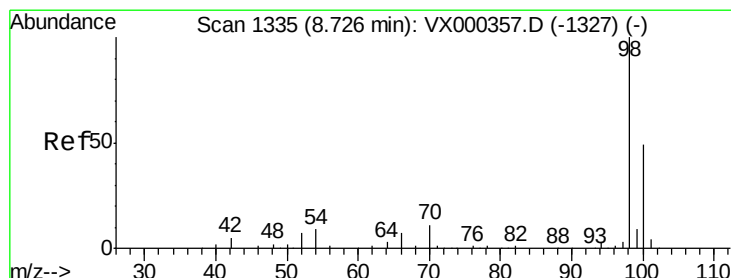
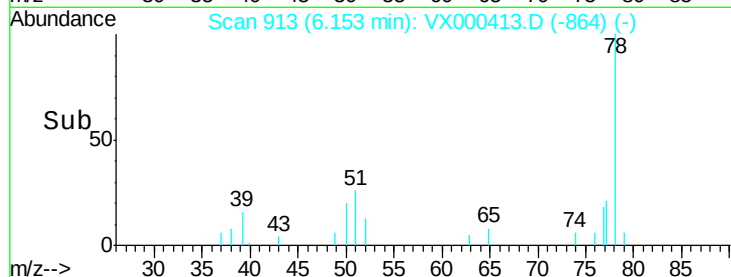
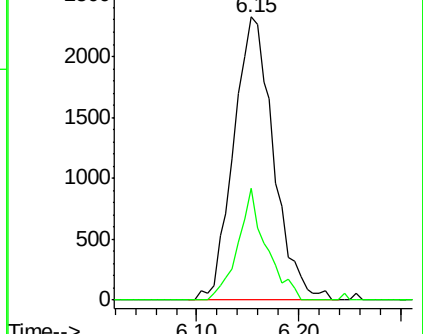
78 100

77 39.7 18.7 28.1#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 47.22 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000413.D

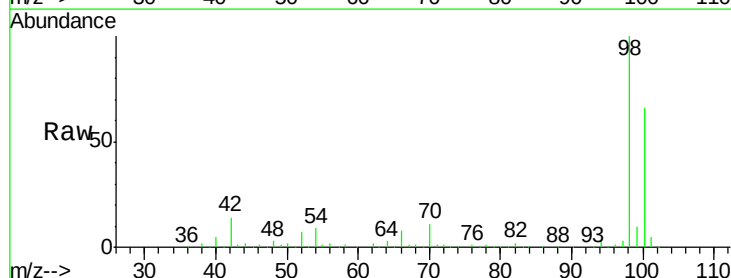
Acq: 22 Mar 2018 18:11

Tgt Ion: 98 Resp: 204543

Ion Ratio Lower Upper

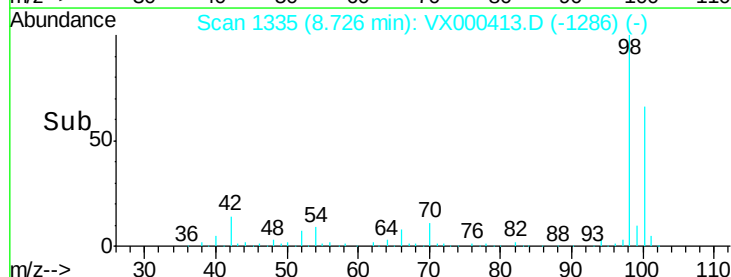
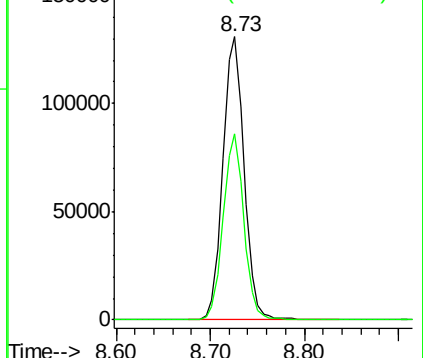
98 100

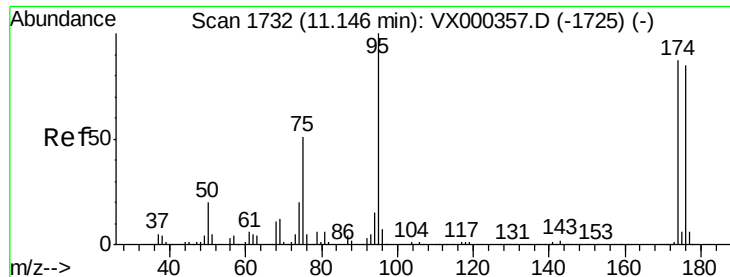
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

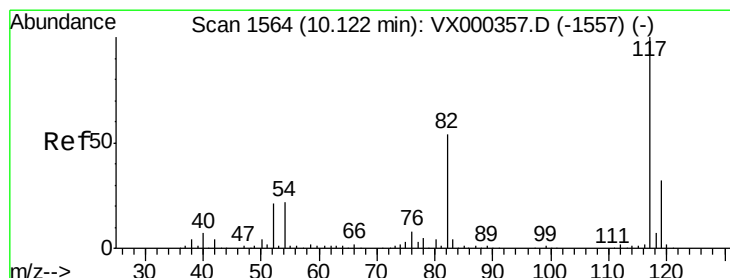
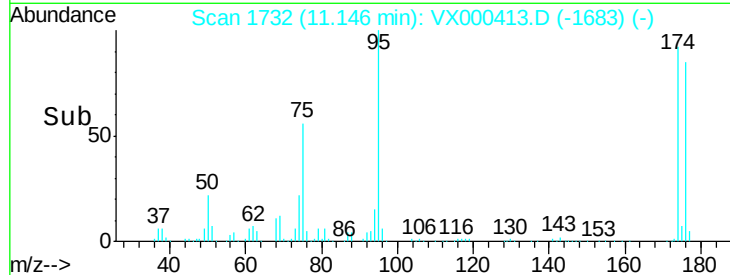
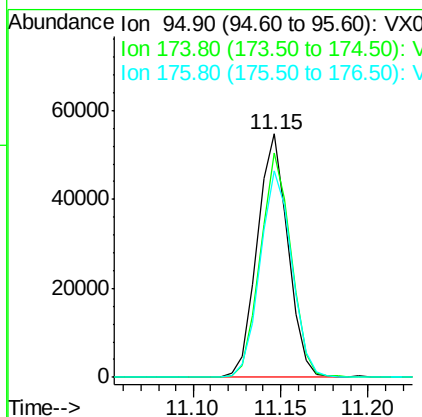
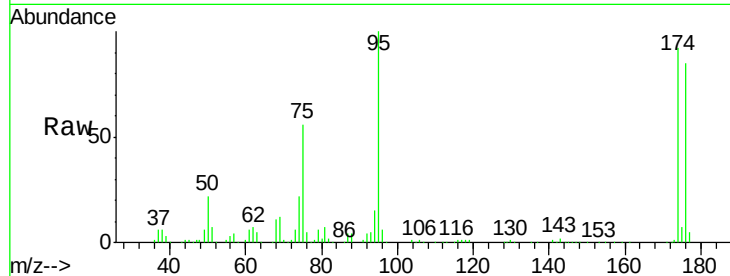




#62
4-Bromofluorobenzene
Concen: 38.13 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000413.D
Acq: 22 Mar 2018 18:11

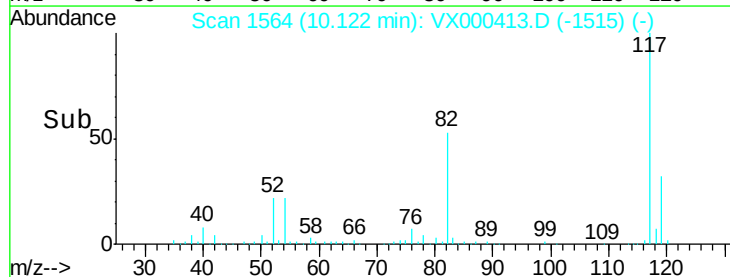
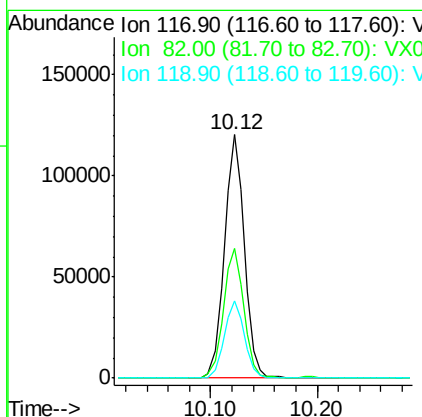
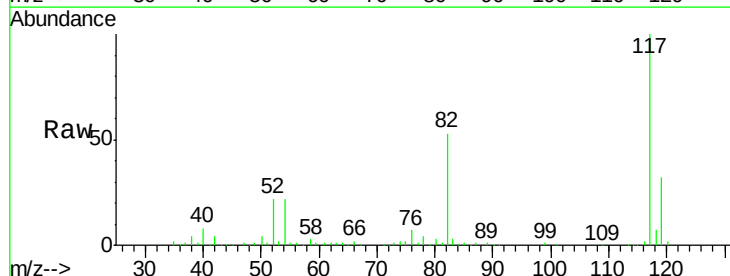
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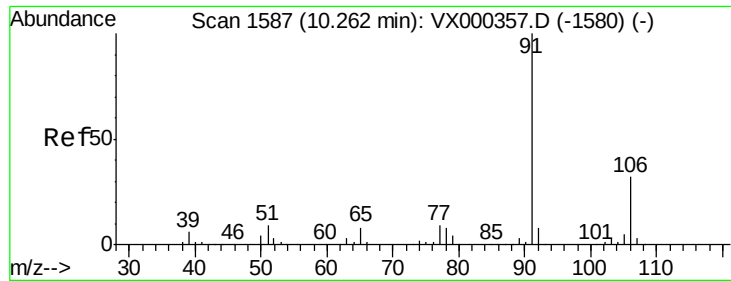
Tot Ion: 95 Resp: 66717
Ion Ratio Lower Upper
95 100
174 92.3 0.0 173.6
176 87.7 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000413.D
Acq: 22 Mar 2018 18:11

Tgt Ion: 117 Resp: 157696
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 31.8 24.9 37.3





#67

Ethyl Benzene

Concen: 1.48 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000413.D

Acq: 22 Mar 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

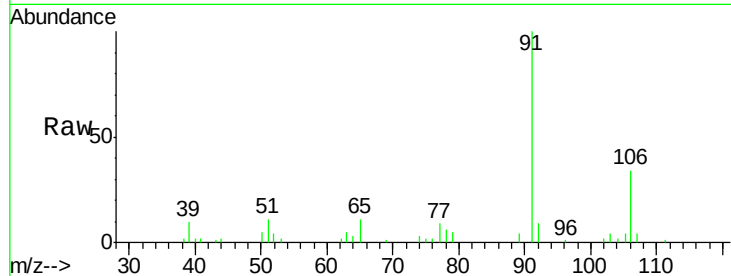
MW-7-031918

Tot Ion: 91 Resp: 8834

Ion Ratio Lower Upper

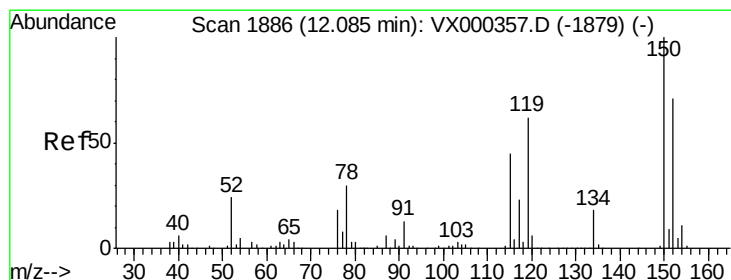
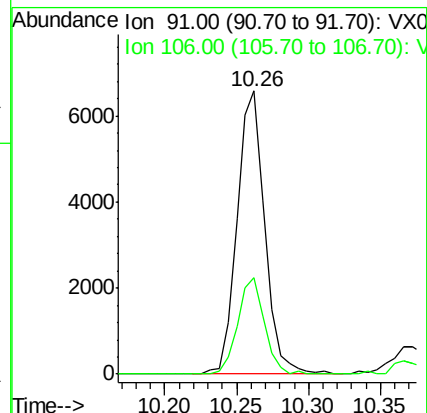
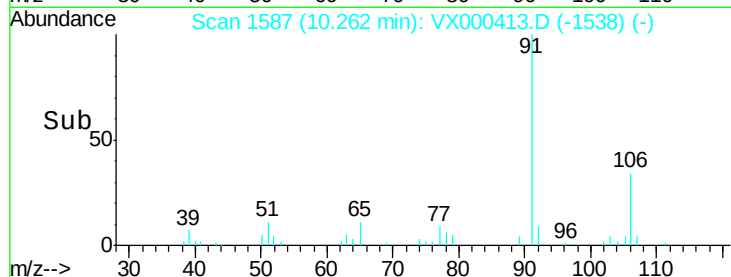
91 100

106 34.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX000413.D (-1538) (-)

Ion 106.00 (105.70 to 106.70): VX000413.D (-1538) (-)



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000413.D

Acq: 22 Mar 2018 18:11

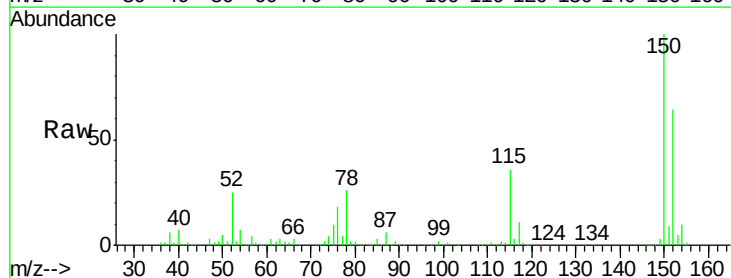
Tgt Ion: 152 Resp: 70637

Ion Ratio Lower Upper

152 100

115 55.3 39.8 119.3

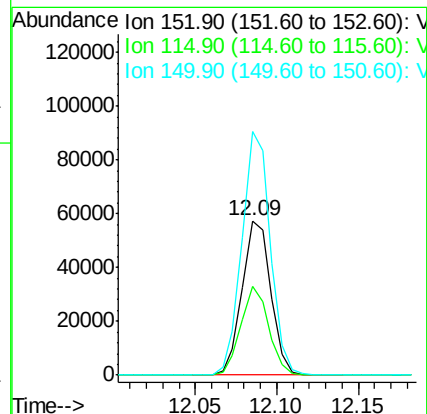
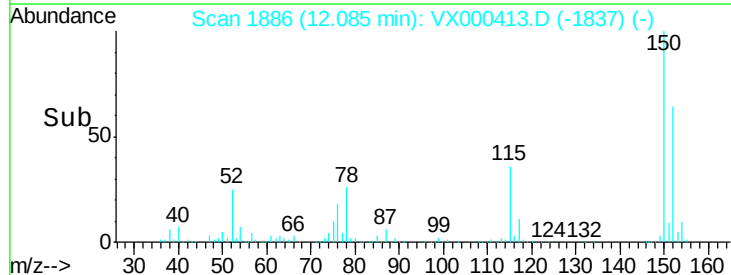
150 155.4 0.0 344.4

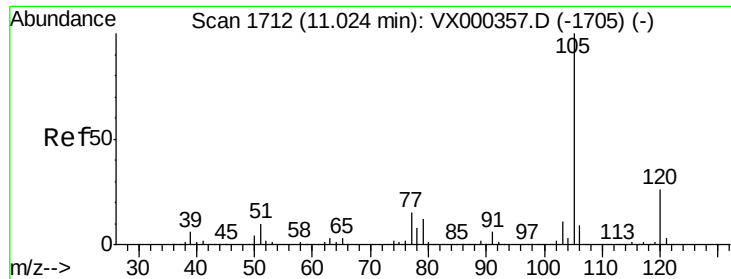


Abundance Ion 151.90 (151.60 to 152.60): VX000413.D (-1837) (-)

Ion 114.90 (114.60 to 115.60): VX000413.D (-1837) (-)

Ion 149.90 (149.60 to 150.60): VX000413.D (-1837) (-)





#73

Isopropylbenzene

Concen: 6.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000413.D

Acq: 22 Mar 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

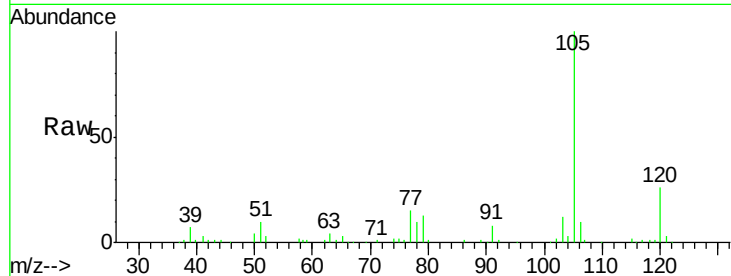
MW-7-031918

Tot Ion:105 Resp: 31483

Ion Ratio Lower Upper

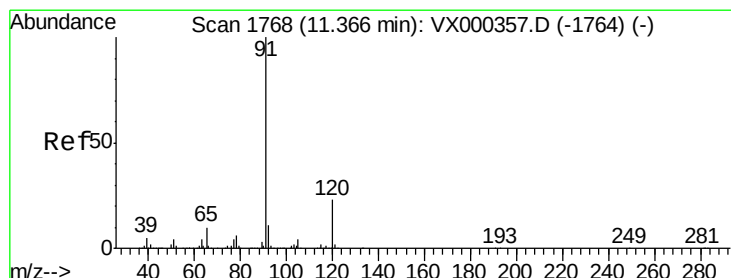
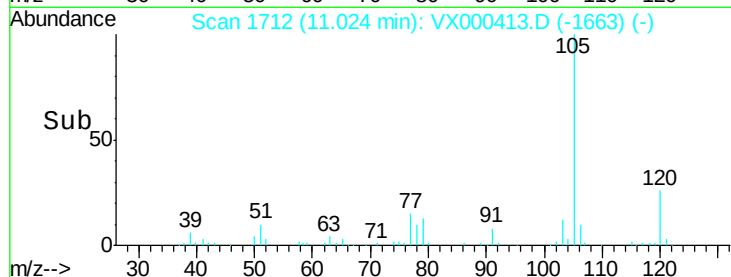
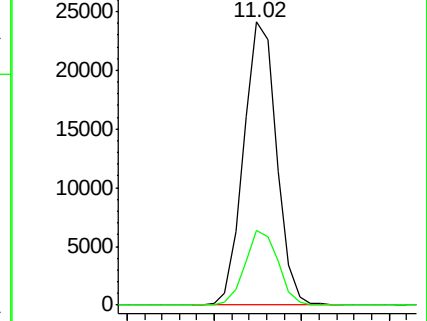
105 100

120 26.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 3.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000413.D

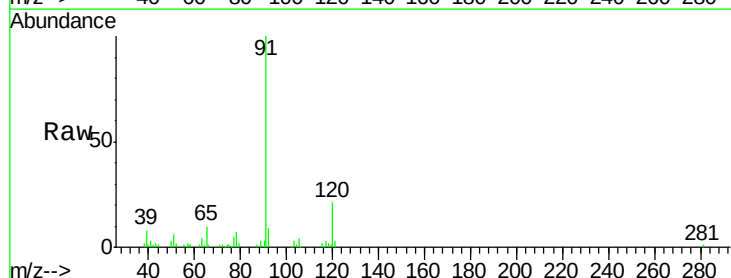
Acq: 22 Mar 2018 18:11

Tgt Ion: 91 Resp: 17642

Ion Ratio Lower Upper

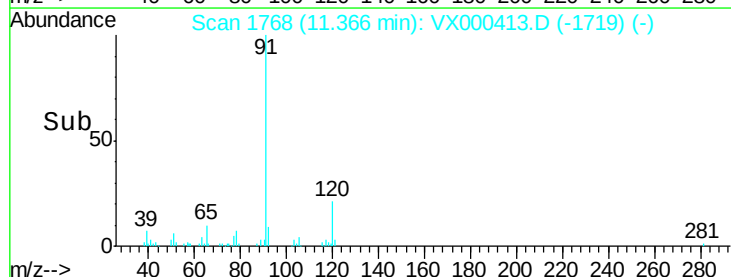
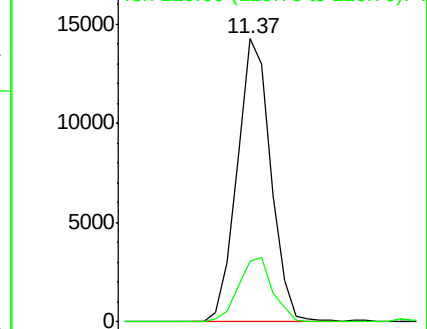
91 100

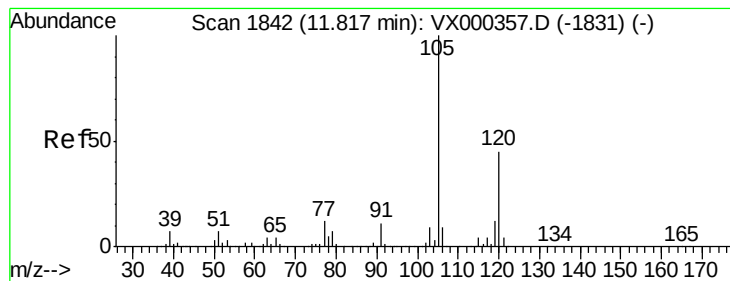
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.35 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000413.D

Acq: 22 Mar 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

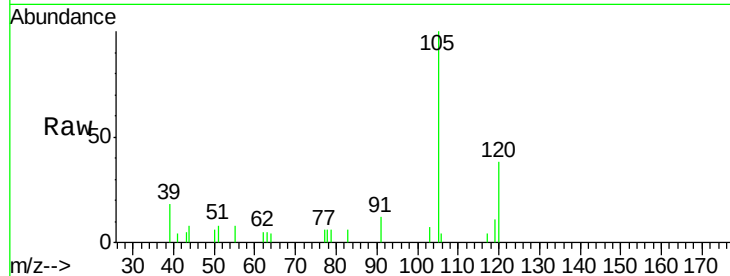
MW-7-031918

Tot Ion:105 Resp: 1451

Ion Ratio Lower Upper

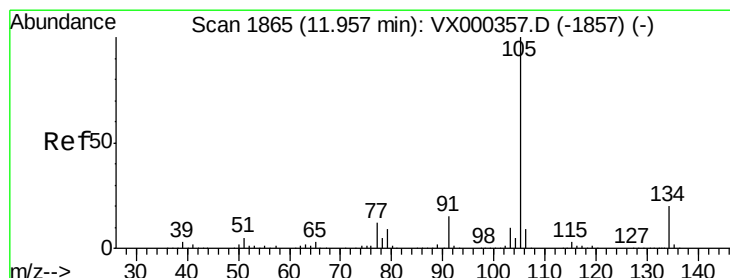
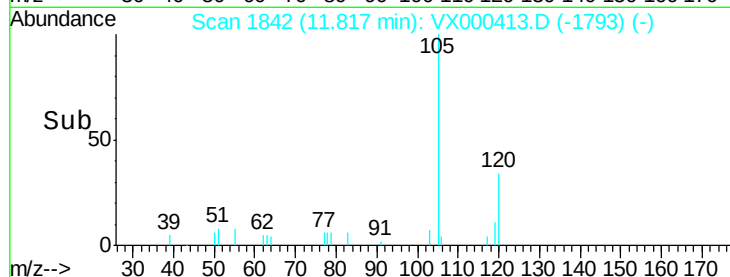
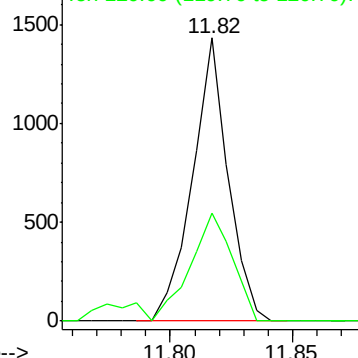
105 100

120 44.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.82 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000413.D

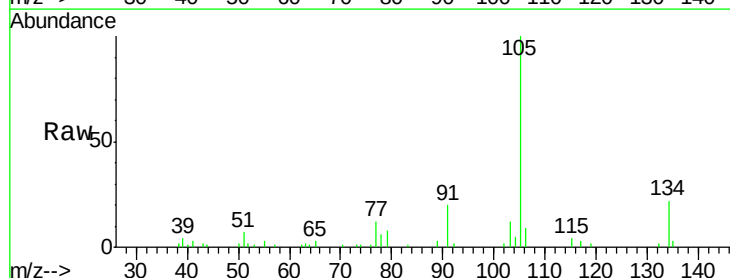
Acq: 22 Mar 2018 18:11

Tgt Ion:105 Resp: 8924

Ion Ratio Lower Upper

105 100

134 22.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

