

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000312.D
 Acq On : 13 Mar 2018 20:28
 Operator : JC/MD
 Sample : J1890-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM

Quant Time: Mar 14 01:42:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

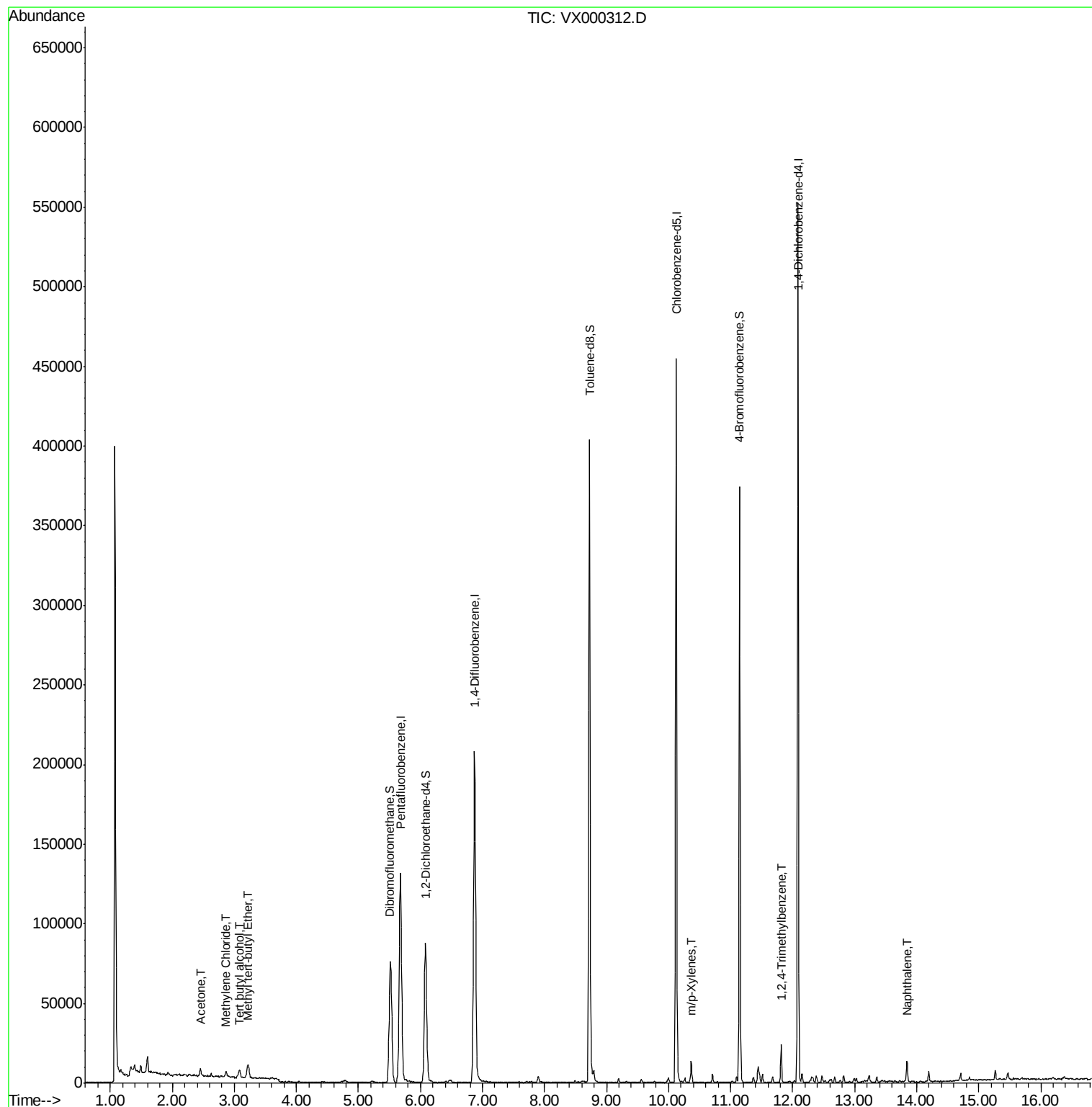
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	124276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	209379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	107323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	82008	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	5.52	113	62837	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	8.73	98	238880	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
62) 4-Bromofluorobenzene	11.15	95	88584	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.09	59	6587	10.41	ug/l #	87
16) Acetone	2.46	43	5129	4.15	ug/l	90
19) Methyl tert-butyl Ether	3.22	73	9881	2.12	ug/l	92
20) Methylene Chloride	2.87	84	1512	1.02	ug/l #	84
68) m/p-Xylenes	10.37	106	3161	1.15	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	10109	1.75	ug/l	97
95) Naphthalene	13.84	128	8330	1.00	ug/l	98

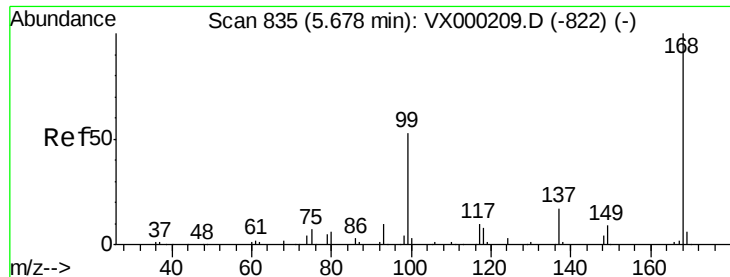
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 14 01:42:00 2018
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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000312.D

Acq: 13 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

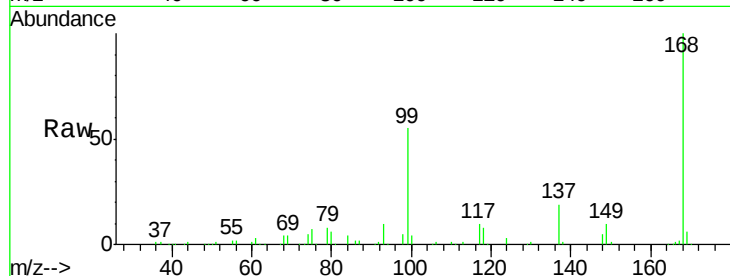
DRUM

Tot Ion:168 Resp: 124276

Ion Ratio Lower Upper

168 100

99 55.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

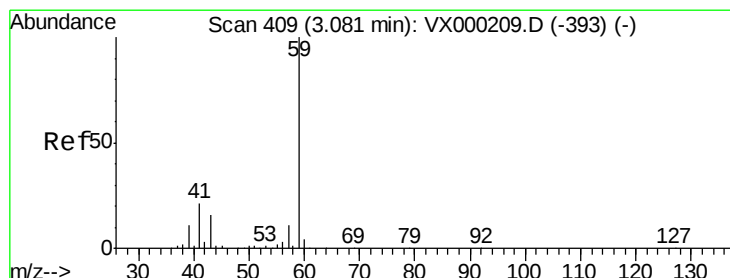
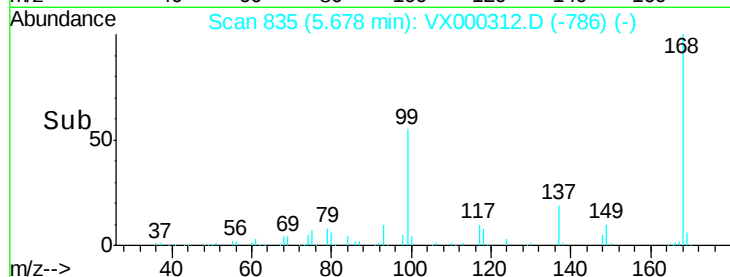
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 10.41 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX000312.D

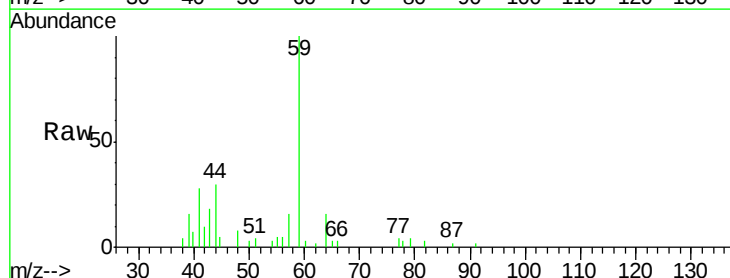
Acq: 13 Mar 2018 20:28

Tgt Ion: 59 Resp: 6587

Ion Ratio Lower Upper

59 100

57 15.4 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.09

3000

2500

2000

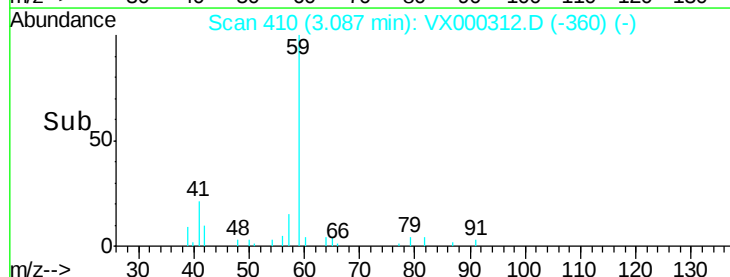
1500

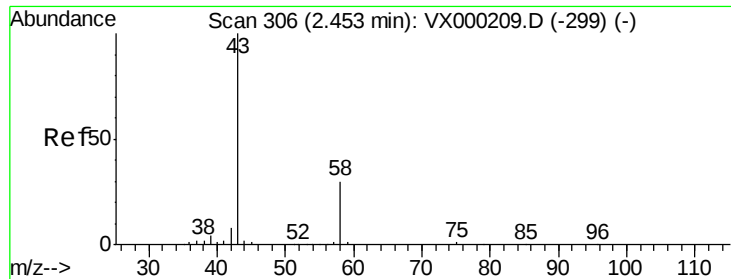
1000

500

0

Time-->





#16

Acetone

Concen: 4.15 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000312.D

Acq: 13 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

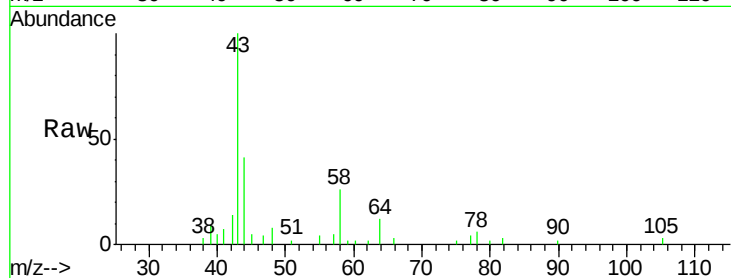
DRUM

Tot Ion: 43 Resp: 5129

Ion Ratio Lower Upper

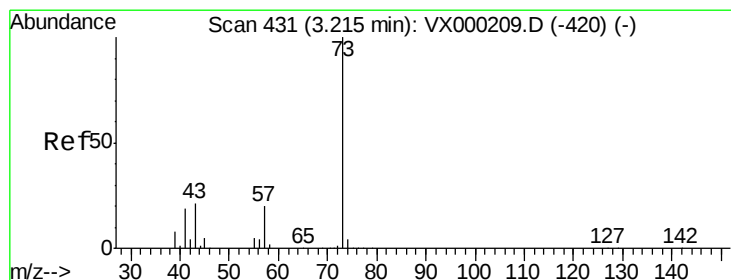
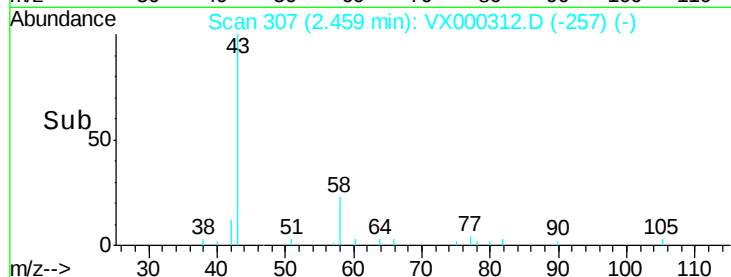
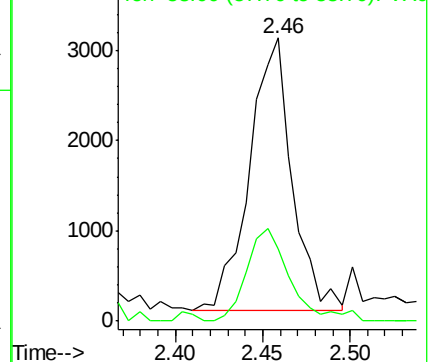
43 100

58 24.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 2.12 ug/l

RT: 3.22 min Scan# 432

Delta R.T. 0.01 min

Lab File: VX000312.D

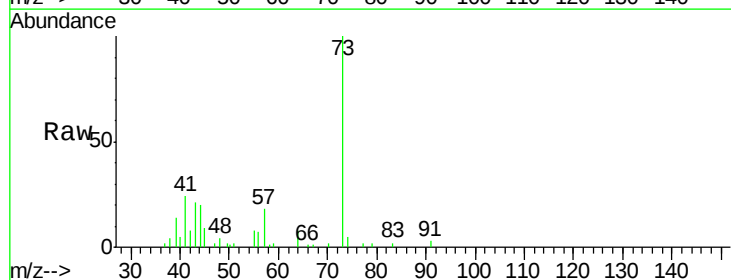
Acq: 13 Mar 2018 20:28

Tgt Ion: 73 Resp: 9881

Ion Ratio Lower Upper

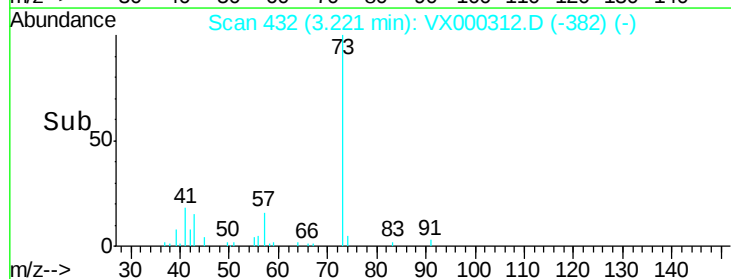
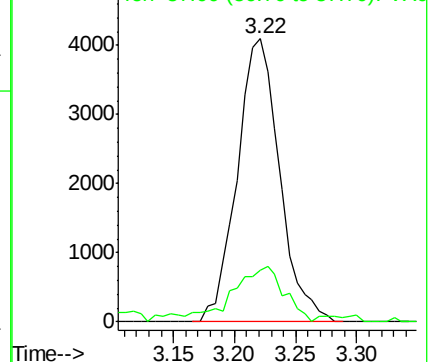
73 100

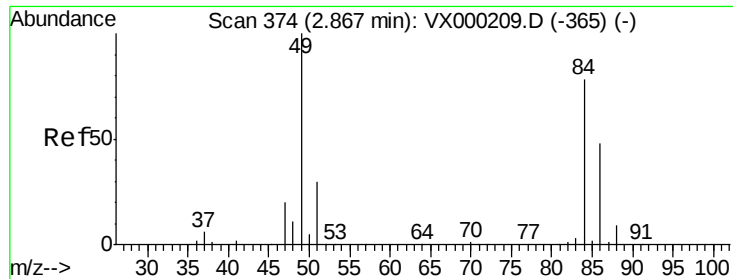
57 16.7 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

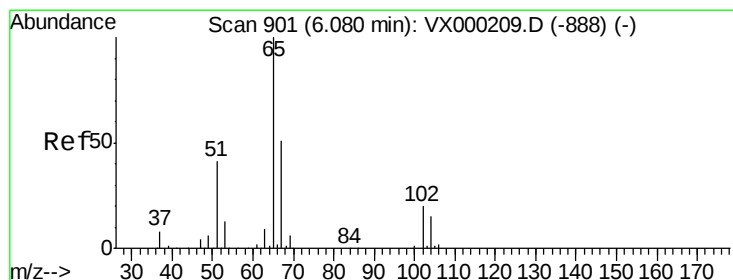
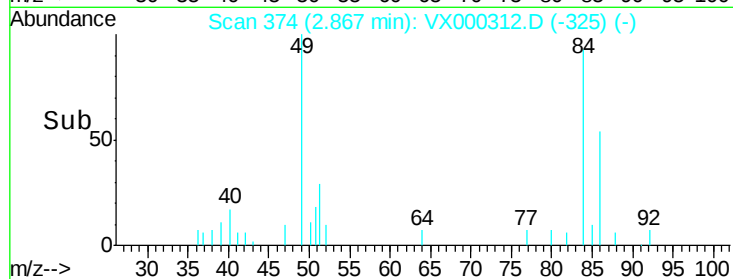
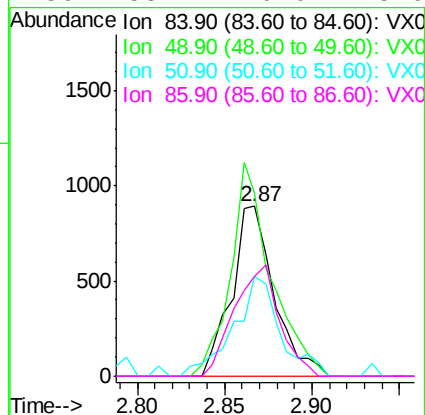
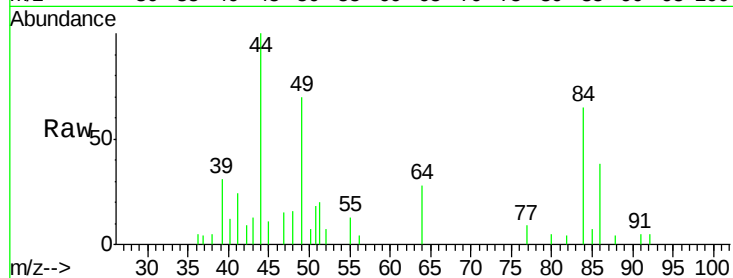




#20
Methvlene Chloride
Concen: 1.02 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

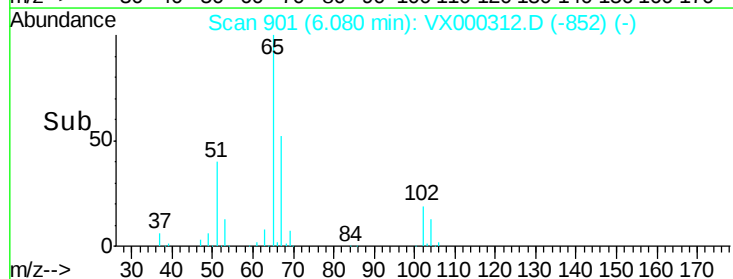
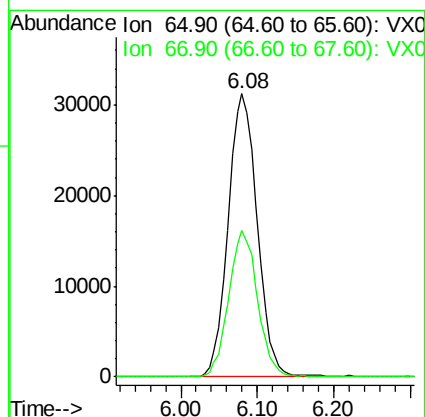
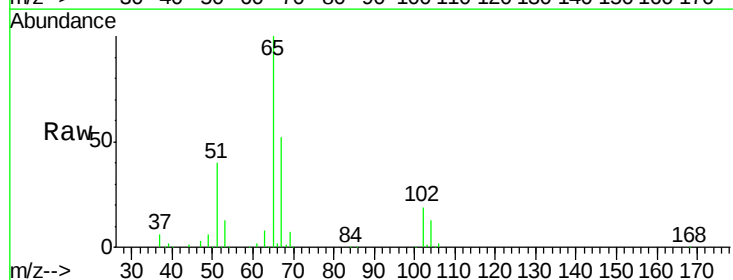
Instrument :
MSVOA_X
ClientSampleId :
DRUM

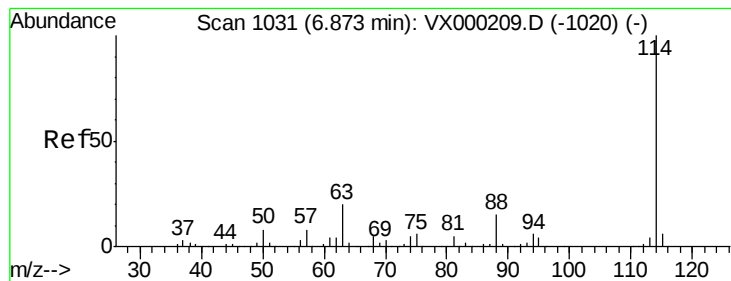
Tot Ion: 84 Resp: 1512
Ion Ratio Lower Upper
84 100
49 107.9 102.1 153.1
51 58.8 30.6 45.8#
86 58.7 49.0 73.6



#33
1,2-Dichloroethane-d4
Concen: 47.60 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 65 Resp: 82008
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000312.D

Acq: 13 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

DRUM

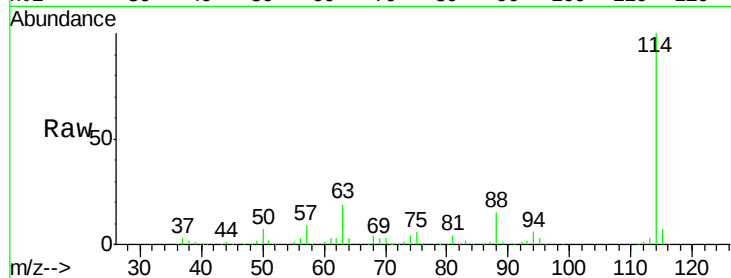
Tot Ion:114 Resp: 209379

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

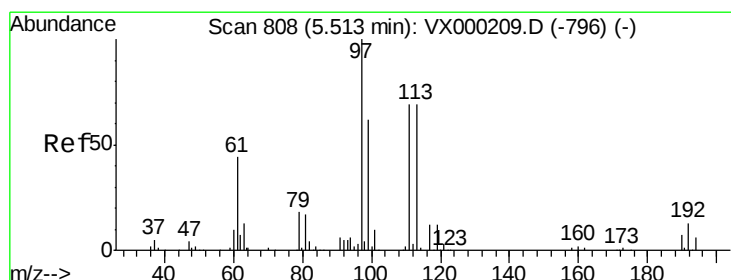
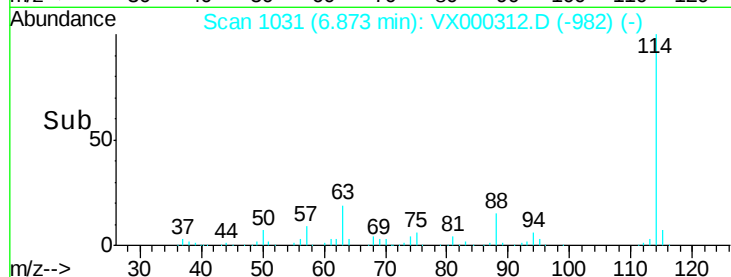
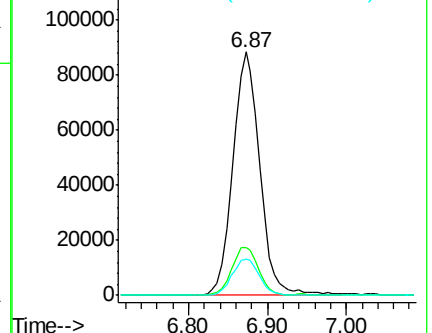
88 14.9 0.0 29.8



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: 47.78 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000312.D

Acq: 13 Mar 2018 20:28

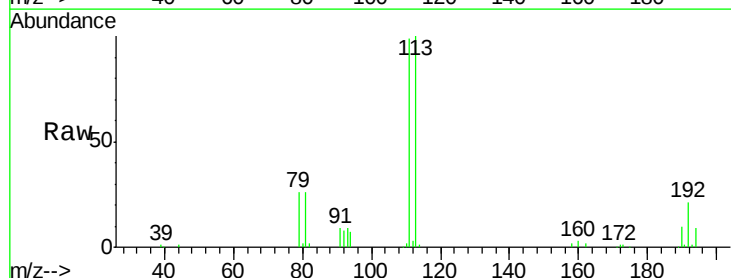
Tgt Ion:113 Resp: 62837

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

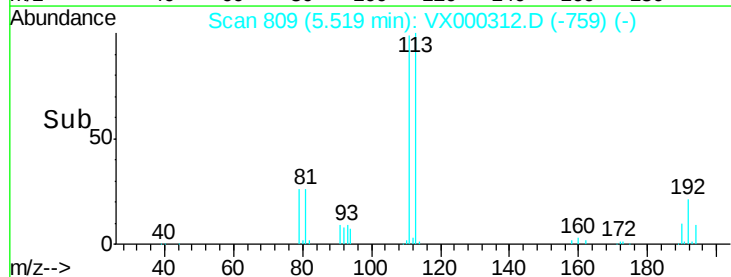
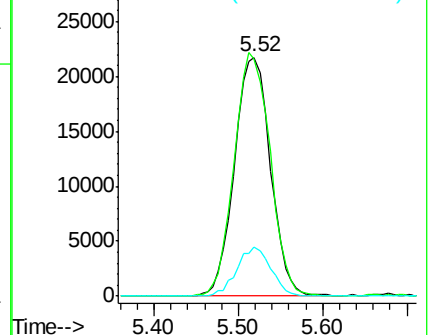
192 19.4 15.5 23.3

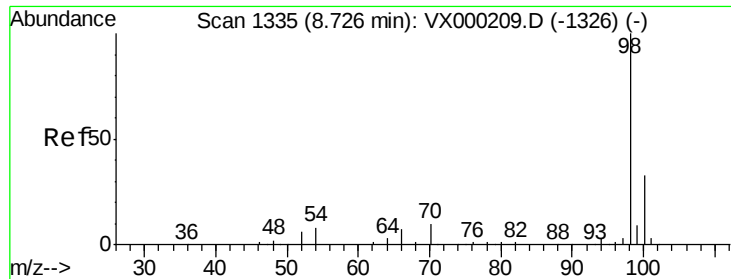


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

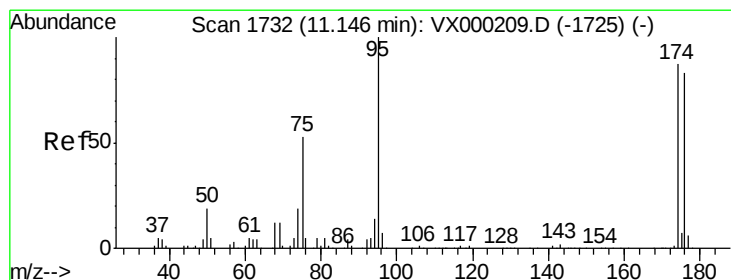
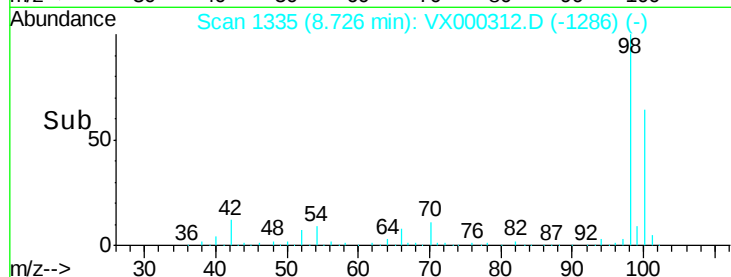
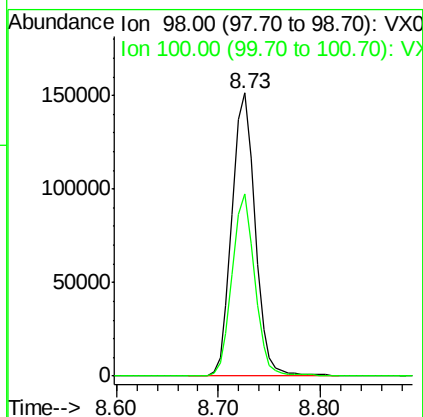
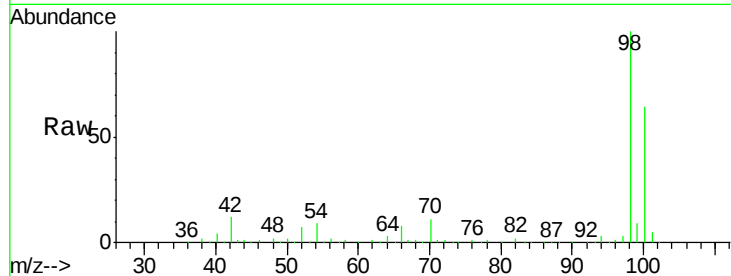




#50
Toluene-d8
Concen: 43.85 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

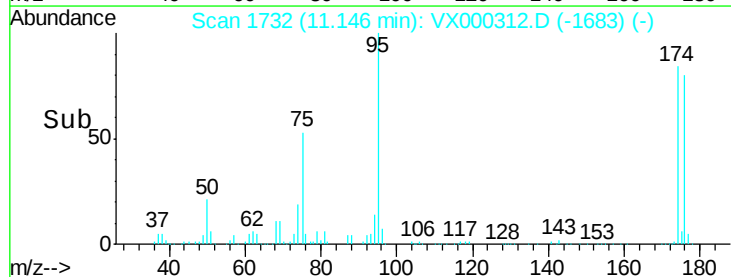
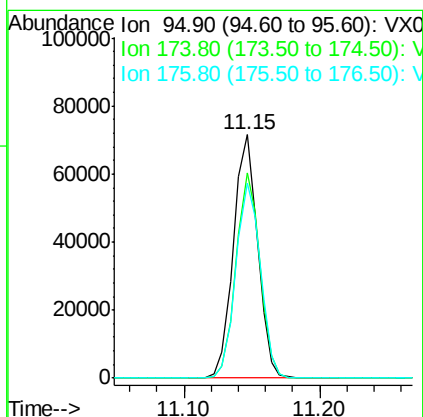
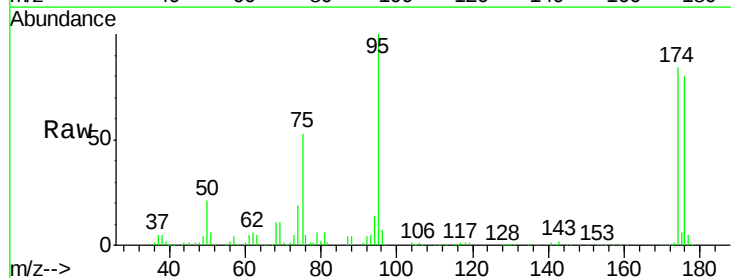
Instrument :
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DRUM

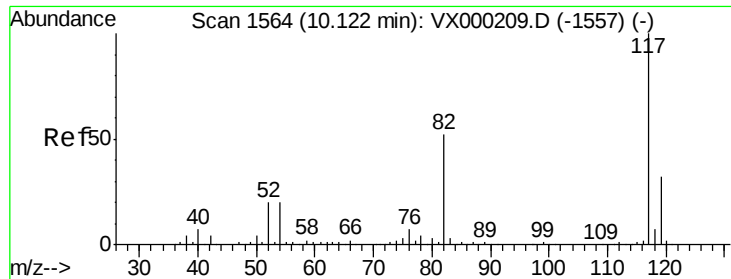
Tot Ion: 98 Resp: 238880
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 41.66 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion: 95 Resp: 88584
Ion Ratio Lower Upper
95 100
174 83.6 0.0 175.6
176 81.6 0.0 171.0

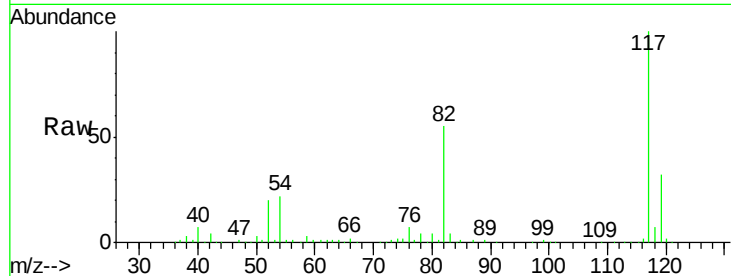




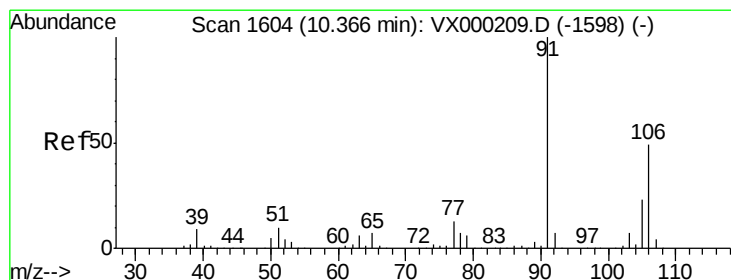
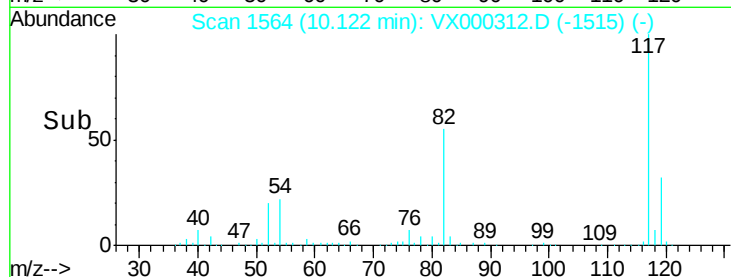
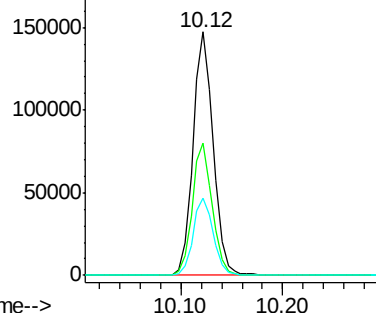
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tot Ion:117 Resp: 202605
Ion Ratio Lower Upper
117 100
82 54.6 42.0 63.0
119 32.0 25.3 37.9

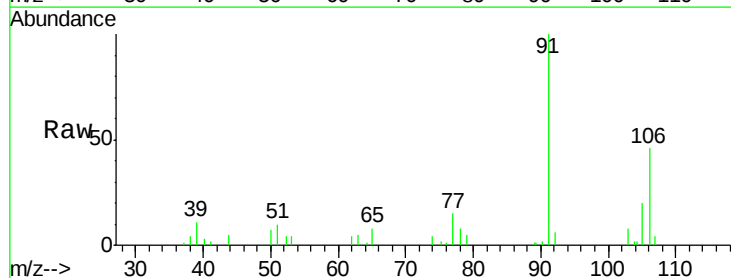


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

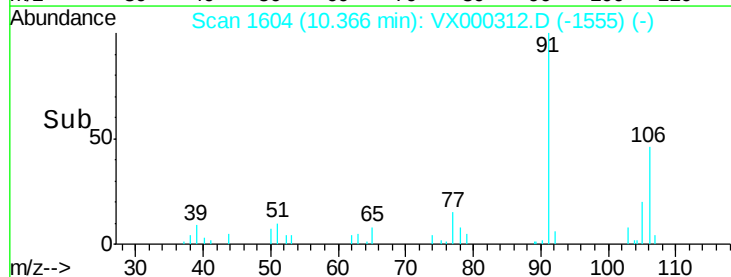
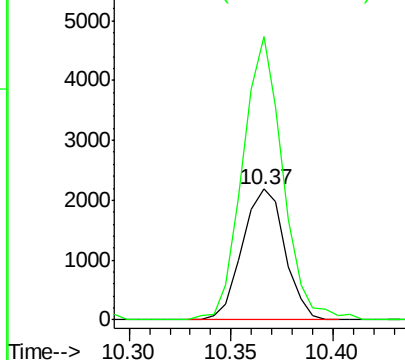


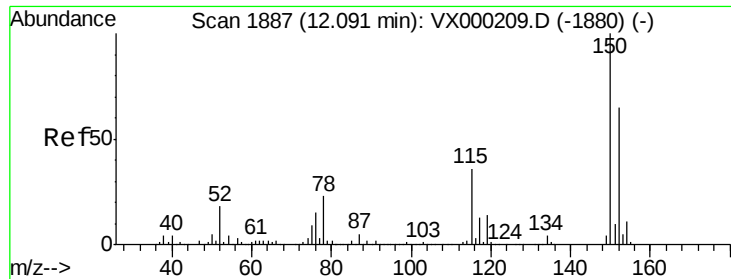
#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Tgt Ion:106 Resp: 3161
Ion Ratio Lower Upper
106 100
91 205.4 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000312.D

Acq: 13 Mar 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

DRUM

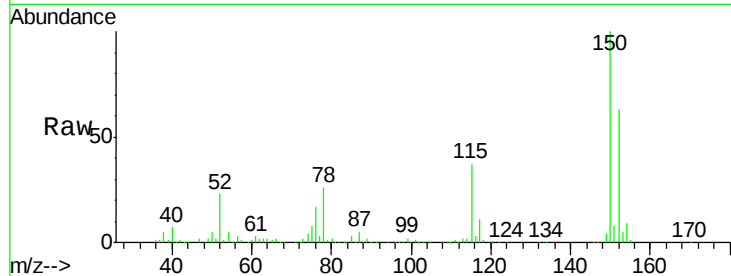
Tot Ion:152 Resp: 107323

Ion Ratio Lower Upper

152 100

115 57.7 39.8 119.3

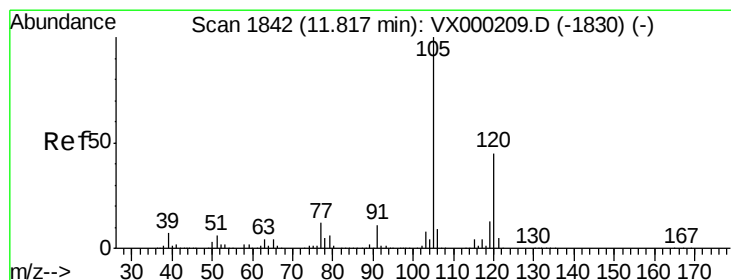
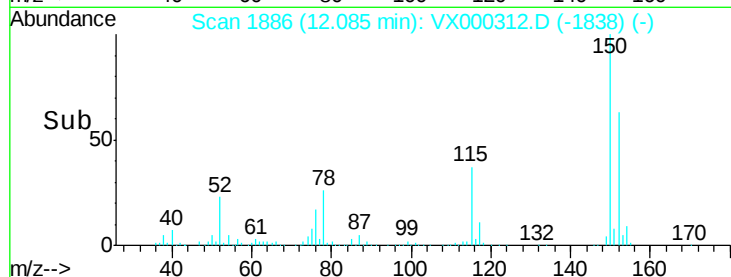
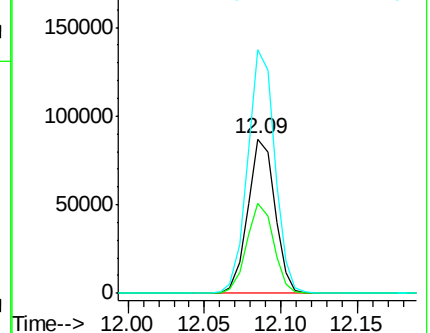
150 157.7 0.0 345.0



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: 1.75 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000312.D

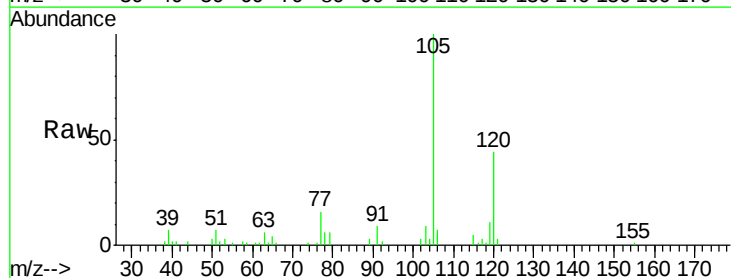
Acq: 13 Mar 2018 20:28

Tgt Ion:105 Resp: 10109

Ion Ratio Lower Upper

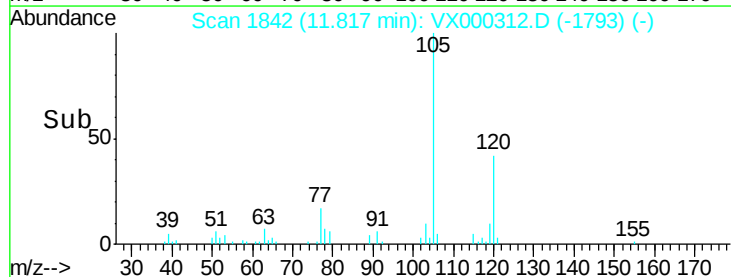
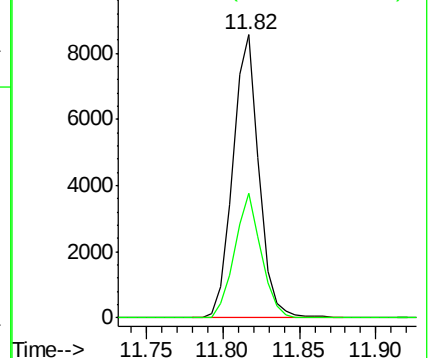
105 100

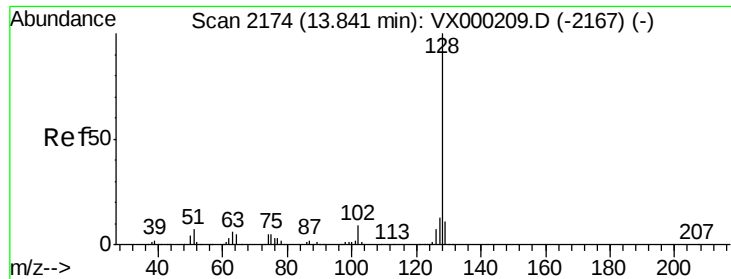
120 44.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

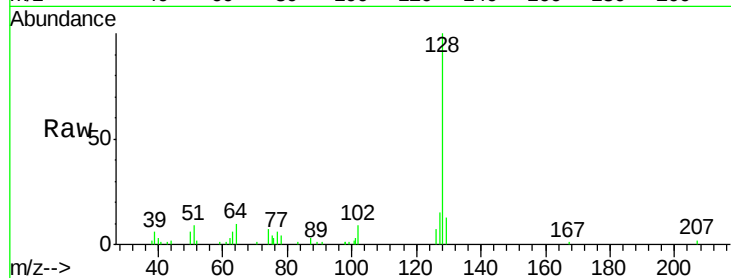




#95
Naphthalene
Concen: 1.00 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000312.D
Acq: 13 Mar 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
DRUM

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.5	15.7
129	11.1	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

