

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003436.D
 Acq On : 17 Jul 2018 19:01
 Operator : JC/MD
 Sample : J3829-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-01-071318-B

Quant Time: Jul 18 02:11:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

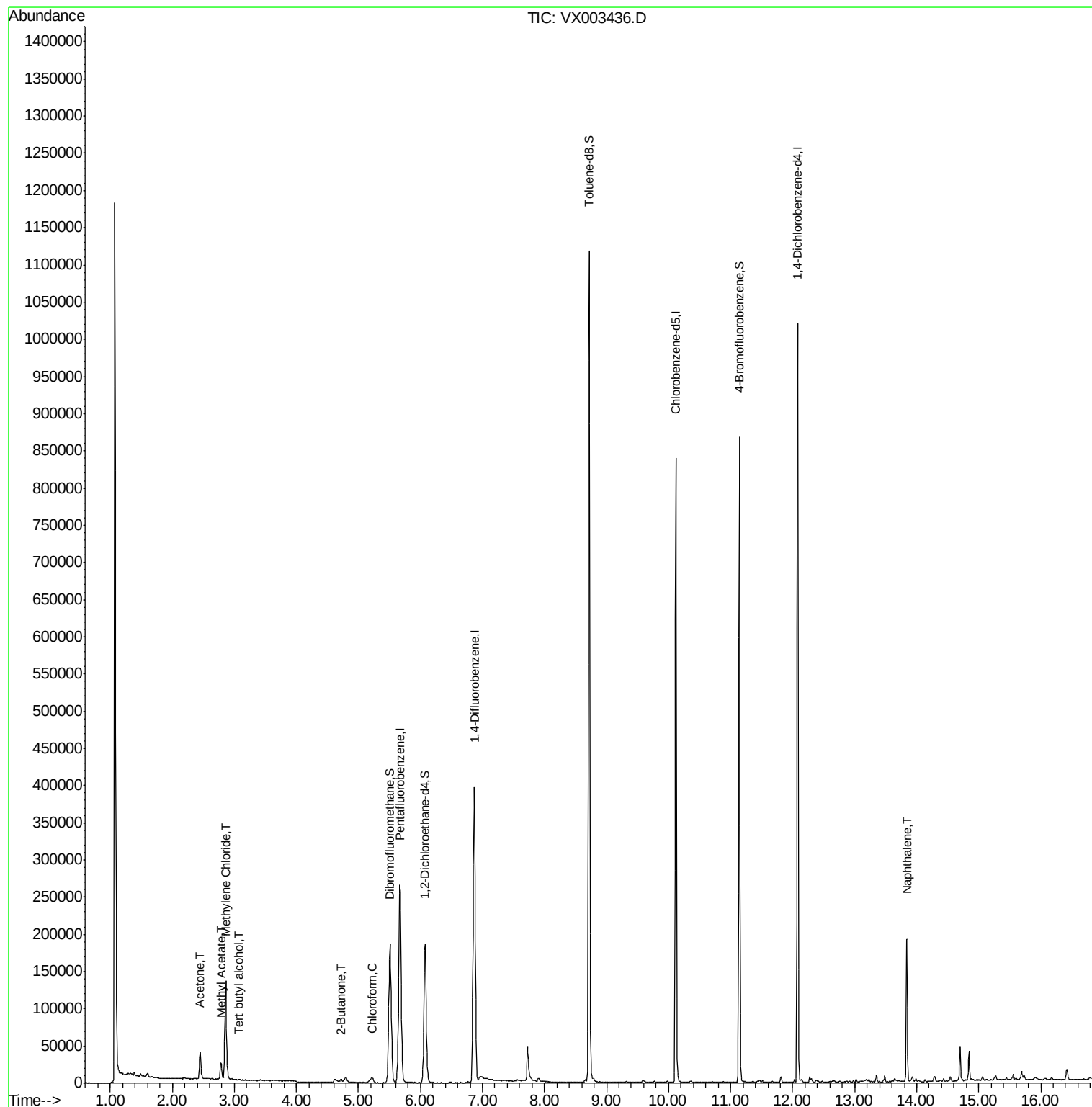
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	413516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	230171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174733	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	5.51	113	154619	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	8.72	98	678294	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
62) 4-Bromofluorobenzene	11.14	95	218281	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	2048	2.48	ug/l #	89
16) Acetone	2.45	43	40301	26.34	ug/l #	88
18) Methyl Acetate	2.78	43	28678	5.75	ug/l	94
20) Methylene Chloride	2.86	84	61751	21.69	ug/l	96
25) 2-Butanone	4.72	43	6313	2.64	ug/l	95
30) Chloroform	5.22	83	7535	1.38	ug/l	96
95) Naphthalene	13.84	128	127005	8.42	ug/l	100

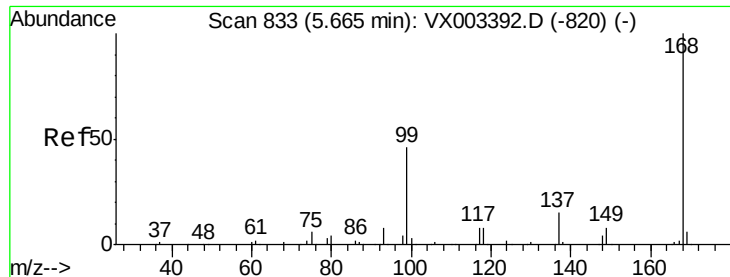
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003436.D

Acq: 17 Jul 2018 19:01

Instrument :

MSVOA_X

ClientSampleId :

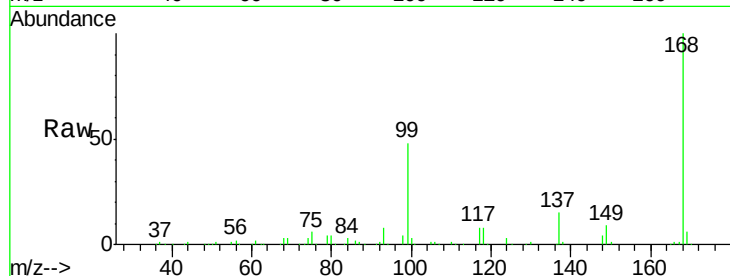
PL-01-071318-B

Tot Ion:168 Resp: 280945

Ion Ratio Lower Upper

168 100

99 48.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

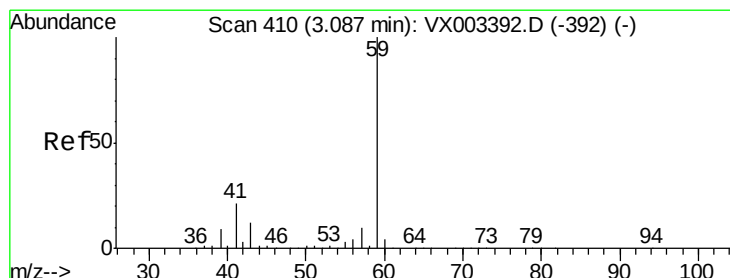
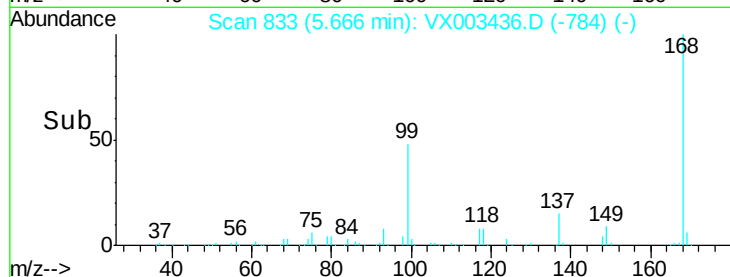
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 2.48 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003436.D

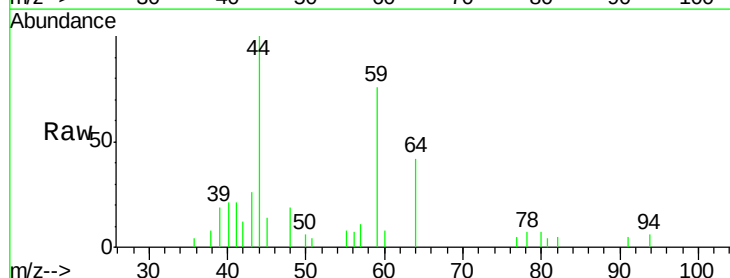
Acq: 17 Jul 2018 19:01

Tgt Ion: 59 Resp: 2048

Ion Ratio Lower Upper

59 100

57 14.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

1000

800

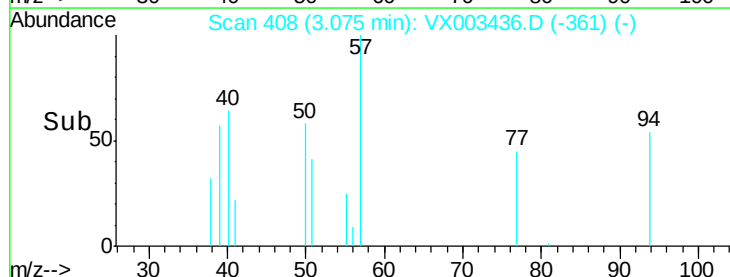
600

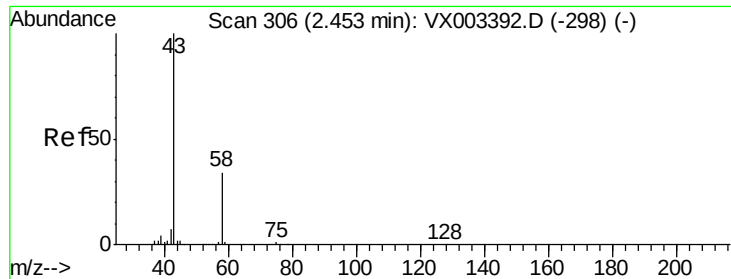
400

200

0

Time--> 3.00 3.05 3.10 3.15

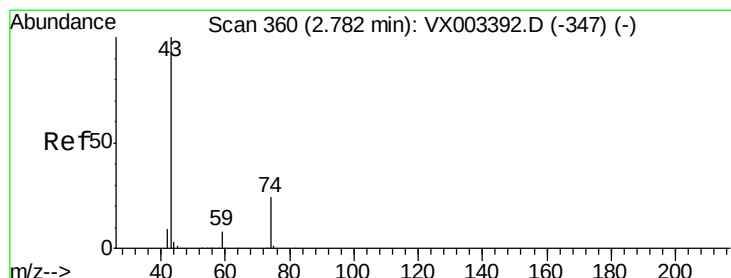
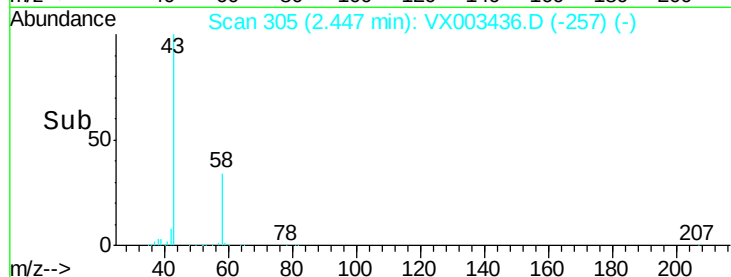
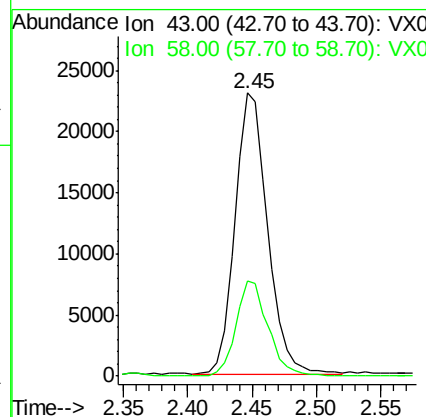
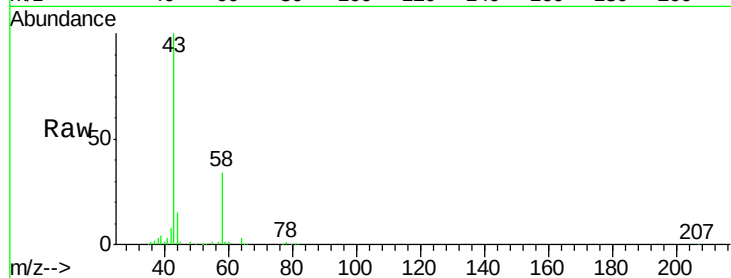




#16
Acetone
Concen: 26.34 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003436.D
Acq: 17 Jul 2018 19:01

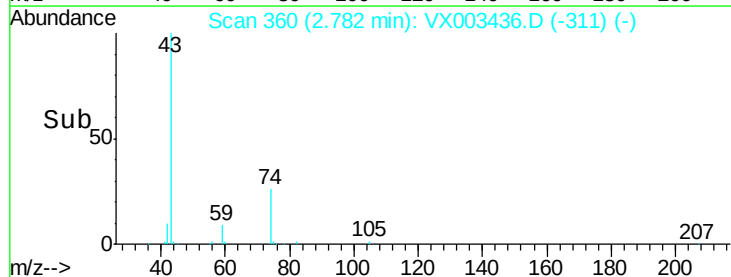
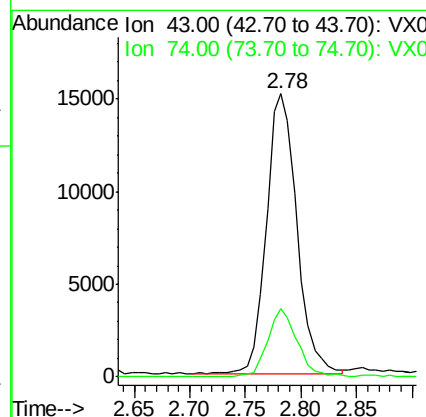
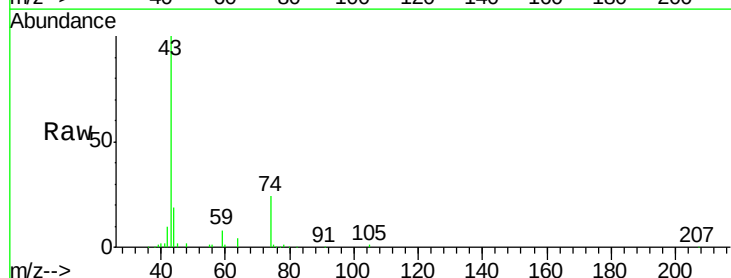
Instrument :
MSVOA_X
ClientSampleId :
PL-01-071318-B

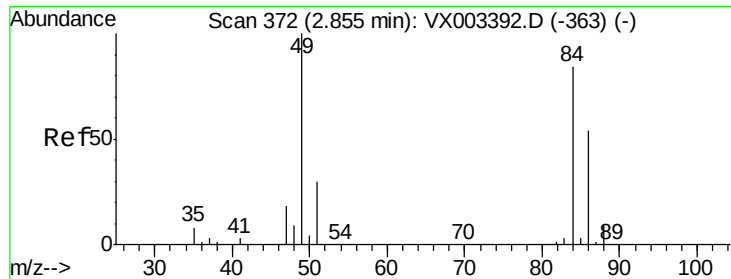
Tot Ion: 43 Resp: 40301
Ion Ratio Lower Upper
43 100
58 34.1 22.1 33.1#



#18
Methyl Acetate
Concen: 5.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003436.D
Acq: 17 Jul 2018 19:01

Tgt Ion: 43 Resp: 28678
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1

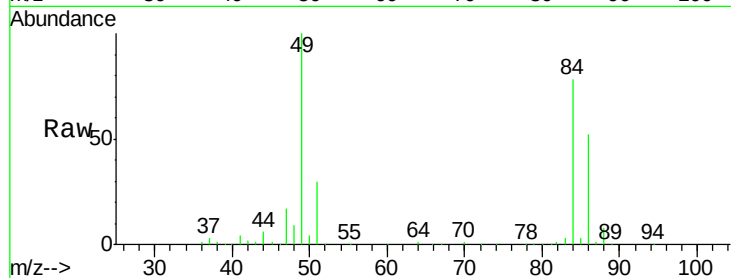




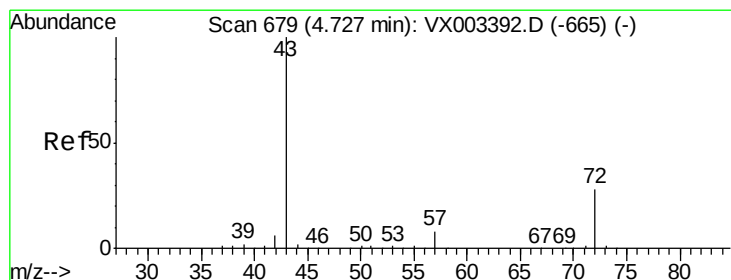
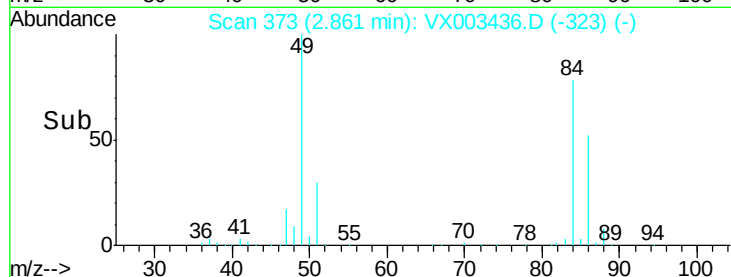
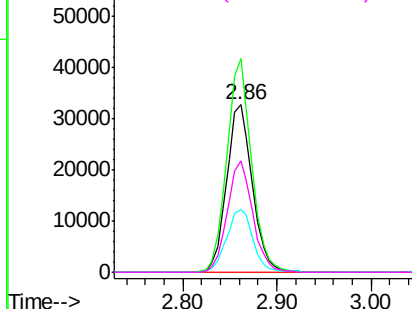
#20
Methvlene Chloride
Concen: 21.69 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003436.D
Acq: 17 Jul 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
PL-01-071318-B

Tot Ion: 84 Resp: 61751
Ion Ratio Lower Upper
84 100
49 127.7 107.8 161.6
51 37.8 32.8 49.2
86 66.3 52.5 78.7

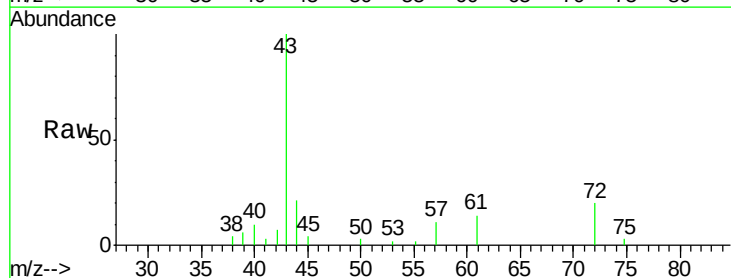


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

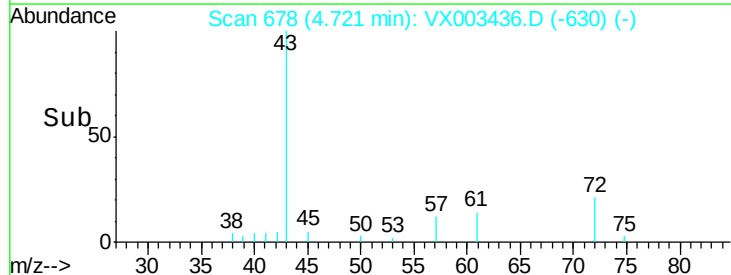
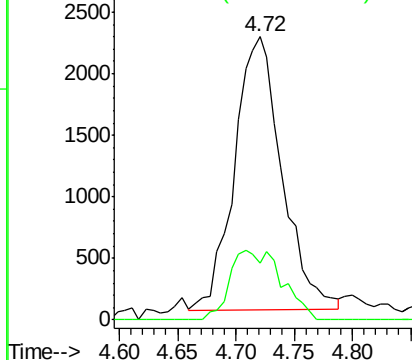


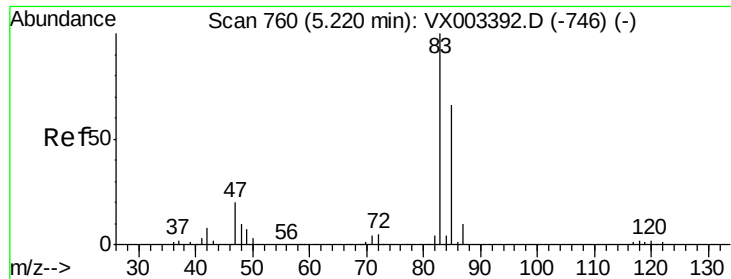
#25
2-Butanone
Concen: 2.64 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX003436.D
Acq: 17 Jul 2018 19:01

Tgt Ion: 43 Resp: 6313
Ion Ratio Lower Upper
43 100
72 20.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

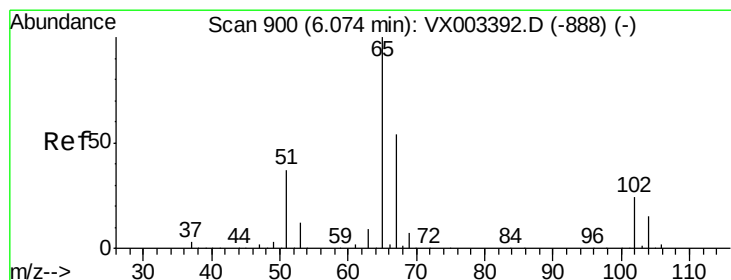
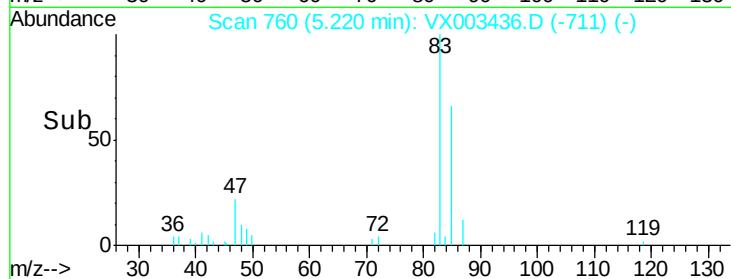
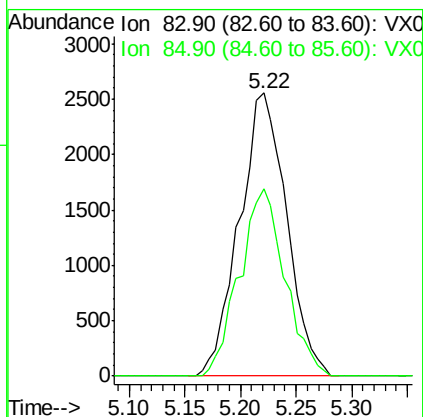
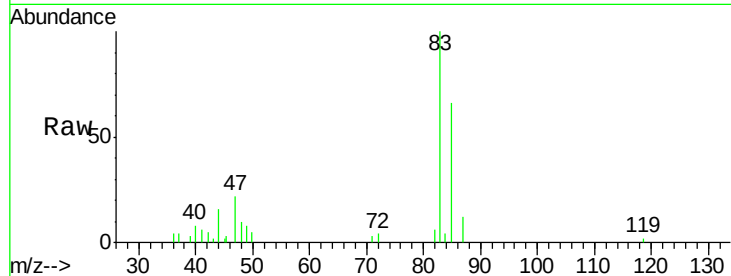




#30
Chloroform
Concen: 1.38 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003436.D
Acq: 17 Jul 2018 19:01

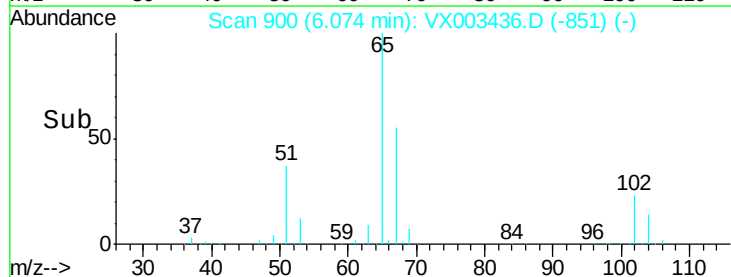
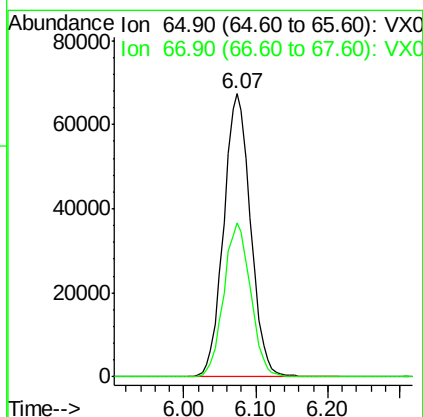
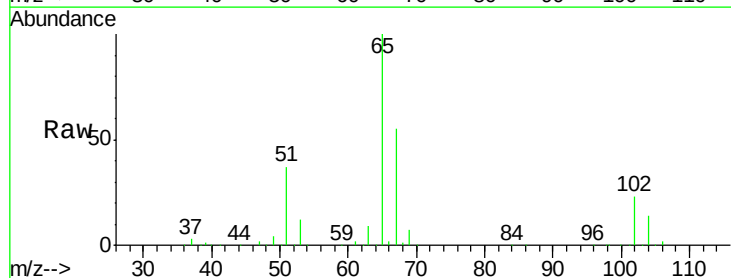
Instrument :
MSVOA_X
ClientSampleId :
PL-01-071318-B

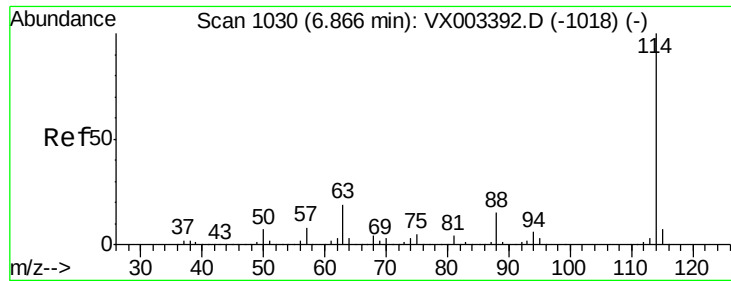
Tot Ion: 83 Resp: 7535
Ion Ratio Lower Upper
83 100
85 66.1 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 47.49 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003436.D
Acq: 17 Jul 2018 19:01

Tgt Ion: 65 Resp: 174733
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003436.D

Acq: 17 Jul 2018 19:01

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-B

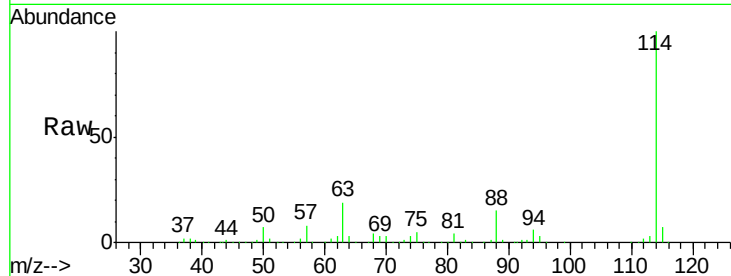
Tot Ion:114 Resp: 413516

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

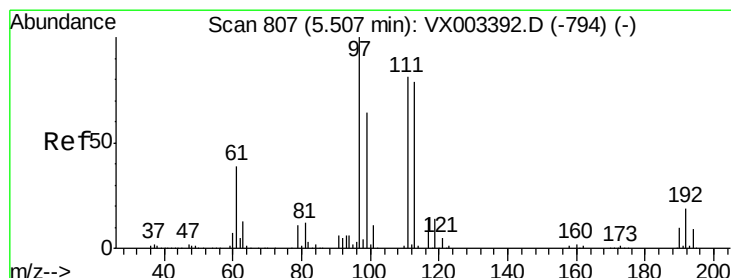
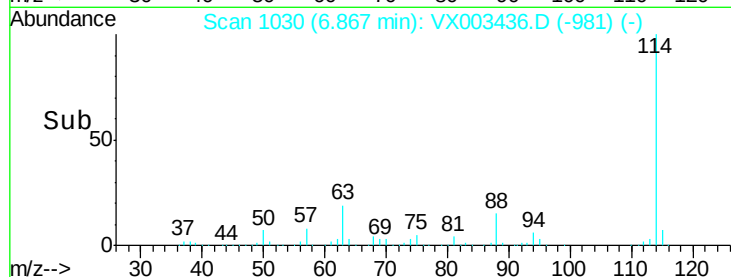
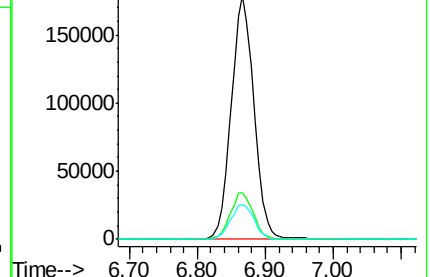
88 14.6 0.0 30.0



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: 46.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003436.D

Acq: 17 Jul 2018 19:01

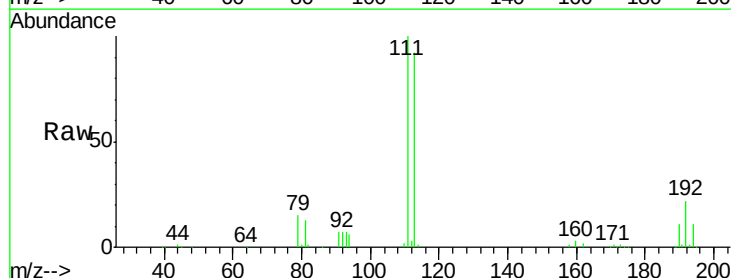
Tgt Ion:113 Resp: 154619

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

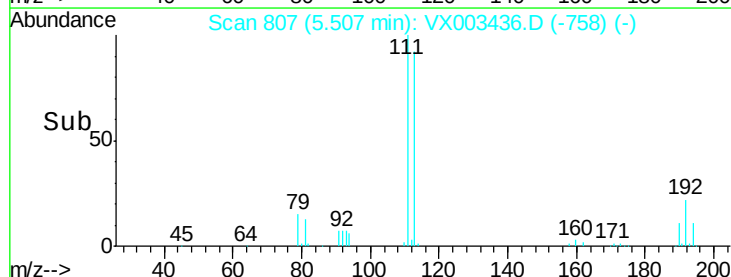
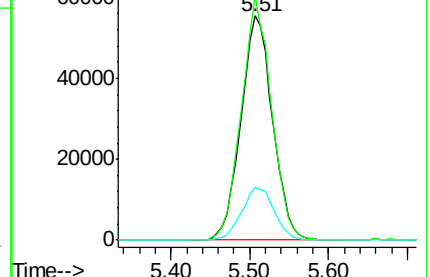
192 24.2 19.1 28.7

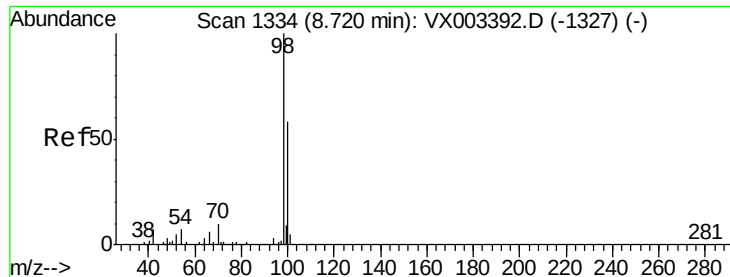


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.94 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003436.D

Acq: 17 Jul 2018 19:01

Instrument :

MSVOA_X

ClientSampleId :

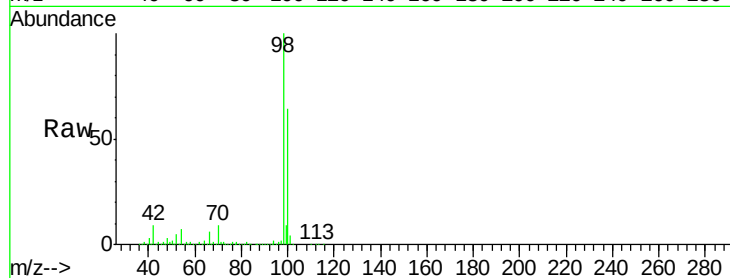
PL-01-071318-B

Tot Ion: 98 Resp: 678294

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

500000

400000

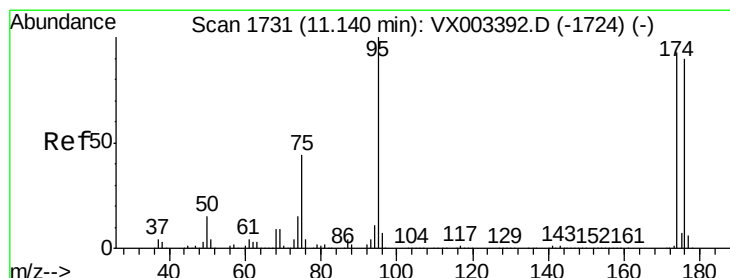
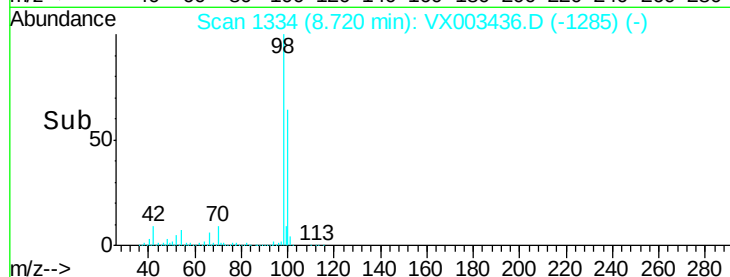
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 49.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003436.D

Acq: 17 Jul 2018 19:01

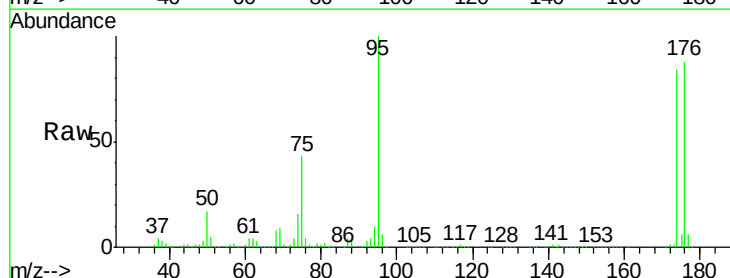
Tgt Ion: 95 Resp: 218281

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.4

176 90.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

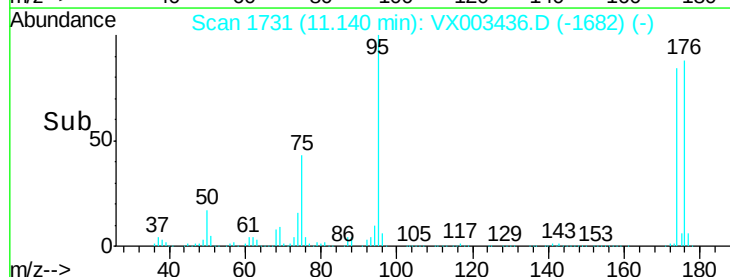
150000

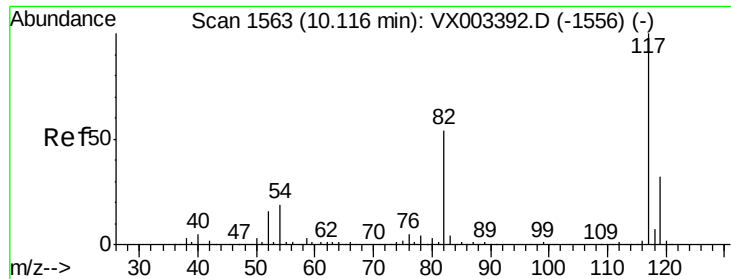
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003436.D

Acq: 17 Jul 2018 19:01

Instrument :

MSVOA_X

ClientSampleId :

PL-01-071318-B

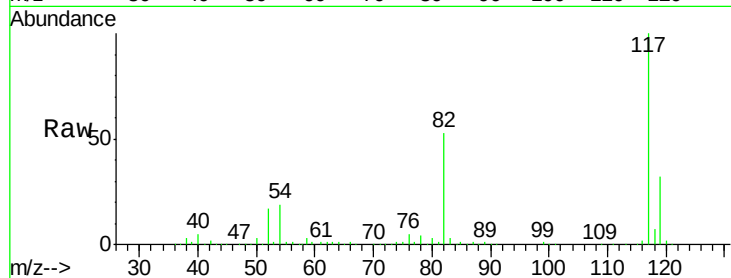
Tot Ion:117 Resp: 388775

Ion Ratio Lower Upper

117 100

82 52.9 45.0 67.4

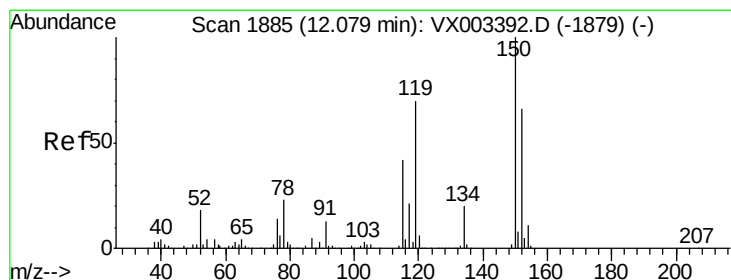
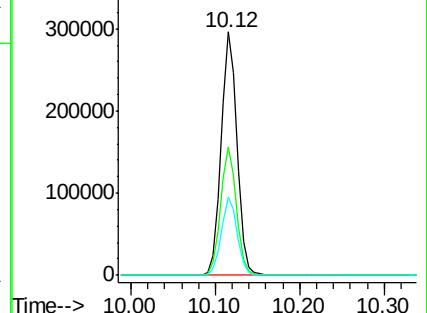
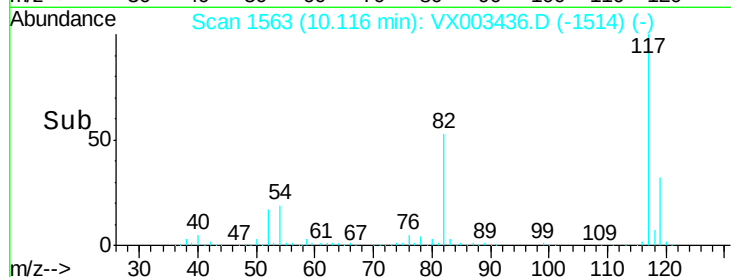
119 32.2 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003436.D

Acq: 17 Jul 2018 19:01

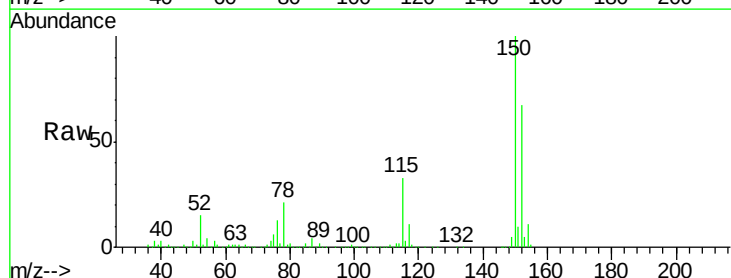
Tgt Ion:152 Resp: 230171

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

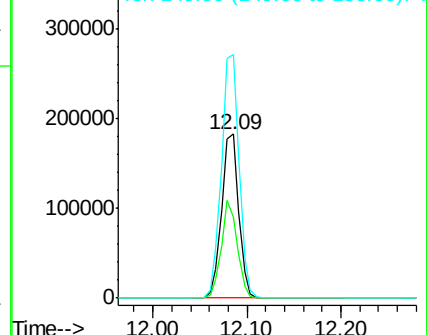
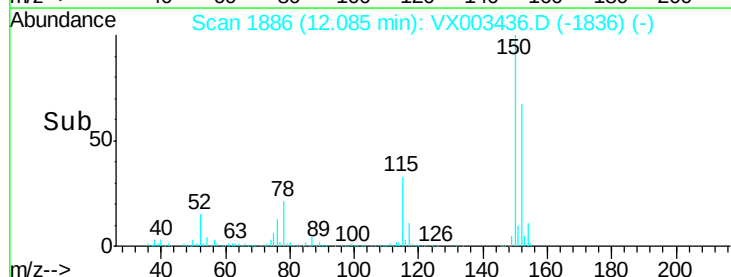
150 153.7 0.0 347.2

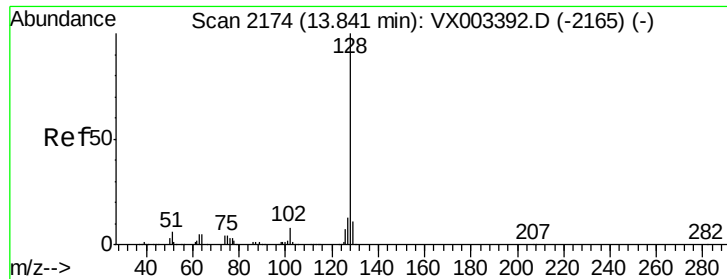


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 8.42 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003436.D
Acq: 17 Jul 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
PL-01-071318-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.6	8.6	13.0

