

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007465.D
 Acq On : 11 Feb 2019 14:00
 Operator : JC/SP
 Sample : K1433-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW064-190207

Quant Time: Feb 12 01:08:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

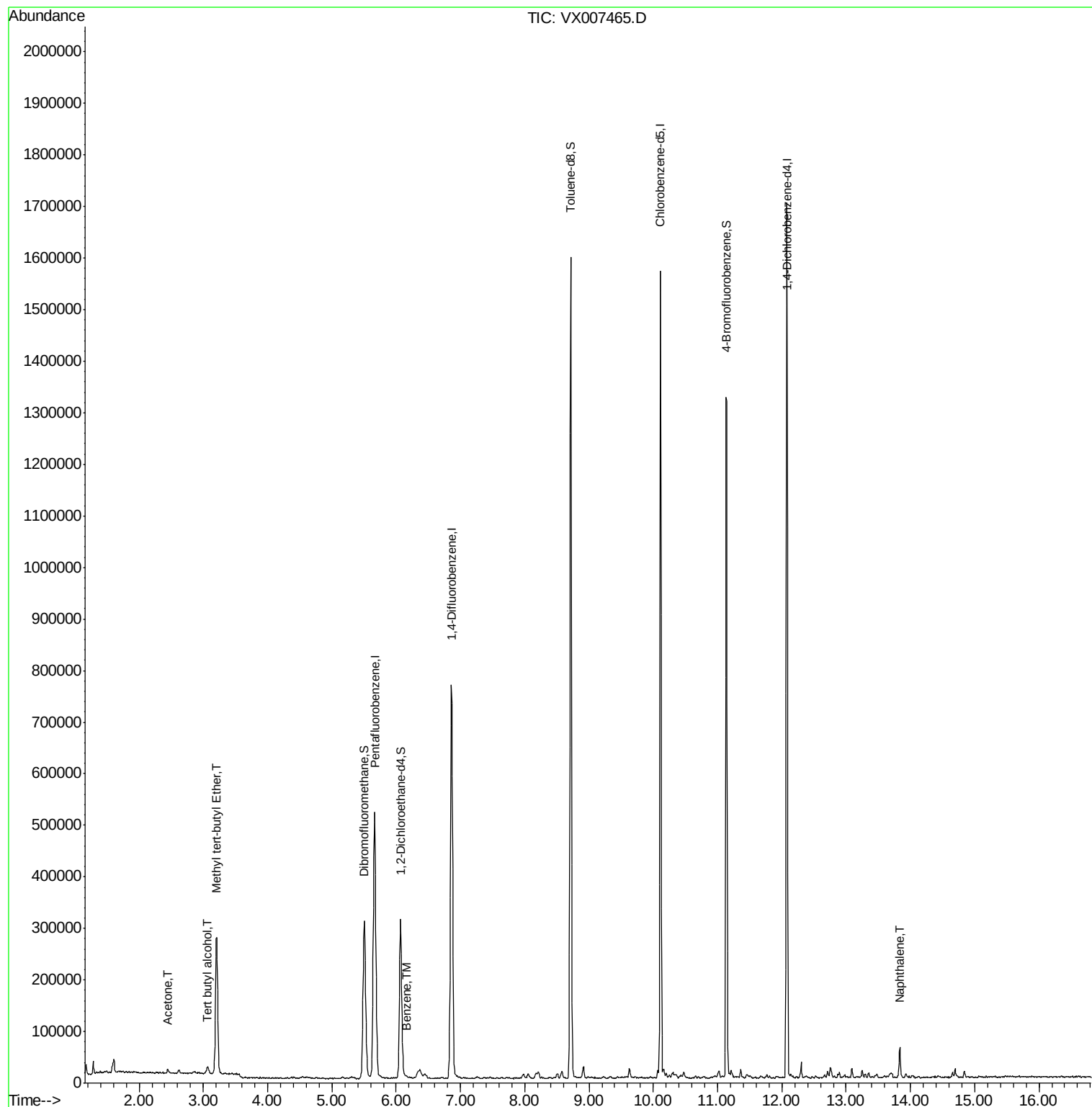
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	532989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	756708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	367391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	278518	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	5.50	113	260443	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	8.71	98	968433	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	344123	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.07	59	17816	15.217	ug/l #	73
16) Acetone	2.45	43	8246	3.182	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	303413	18.403	ug/l	100
40) Benzene	6.15	78	7301	0.336	ug/l #	81
95) Naphthalene	13.83	128	39366	1.589	ug/l #	96

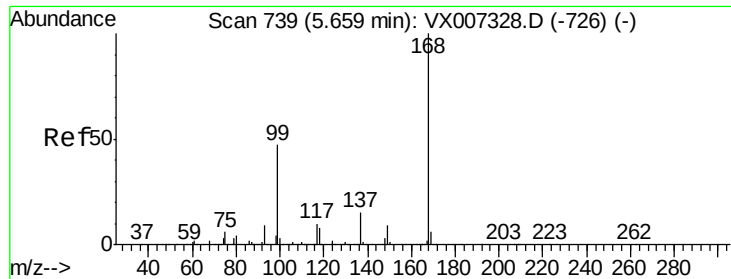
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007465.D

Acq: 11 Feb 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

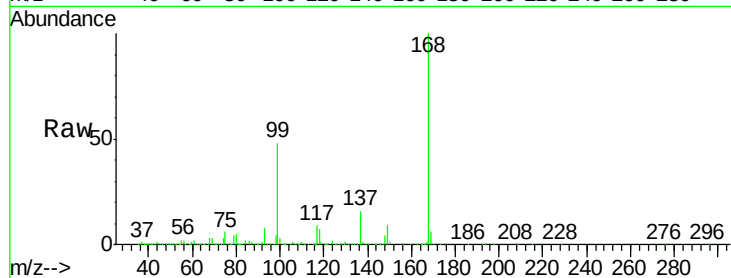
KY001IW064-190207

Tot Ion:168 Resp: 532989

Ion Ratio Lower Upper

168 100

99 48.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

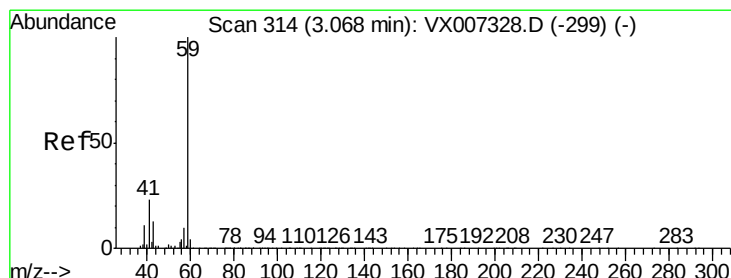
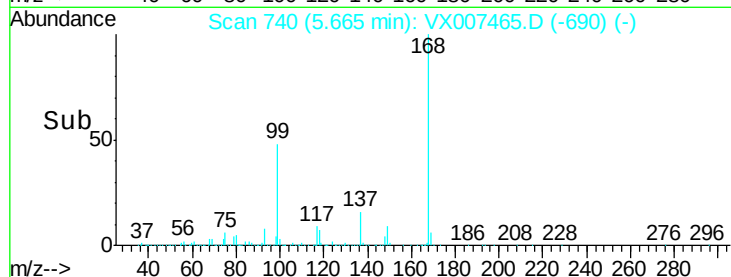
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 15.217 ug/l

RT: 3.07 min Scan# 314

Delta R.T. 0.00 min

Lab File: VX007465.D

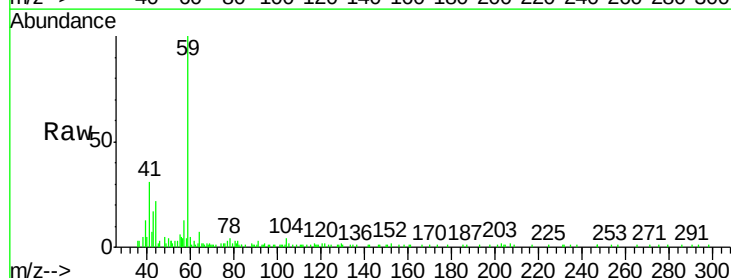
Acq: 11 Feb 2019 14:00

Tgt Ion: 59 Resp: 17816

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

8000

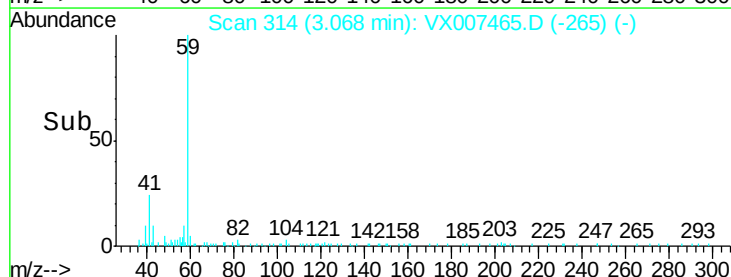
6000

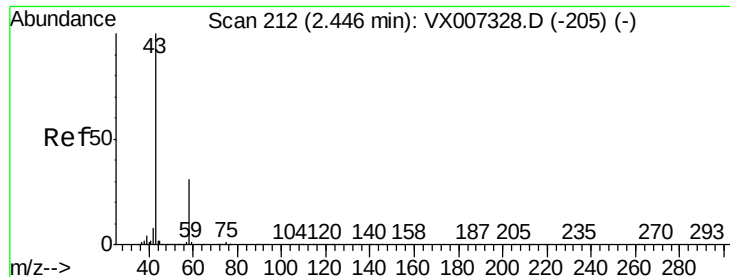
4000

2000

0

Time--> 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 3.182 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007465.D

Acq: 11 Feb 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

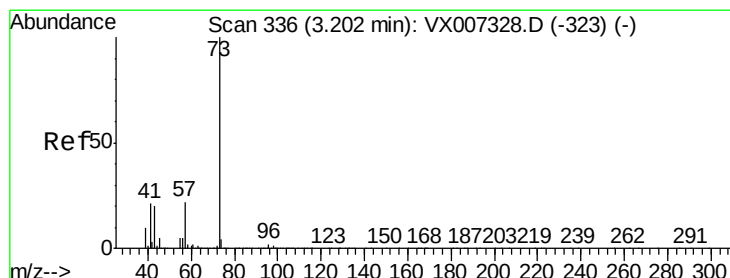
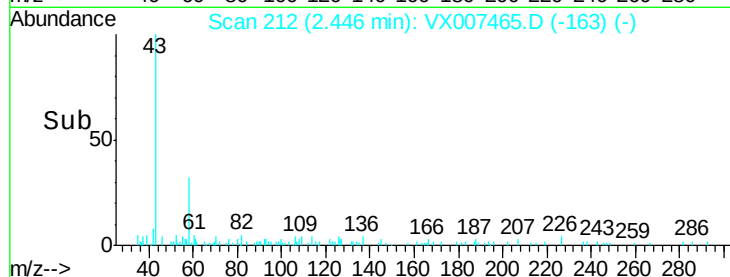
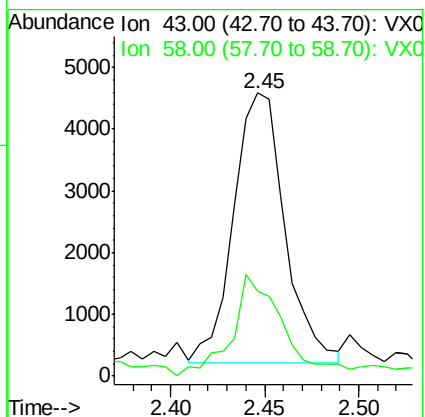
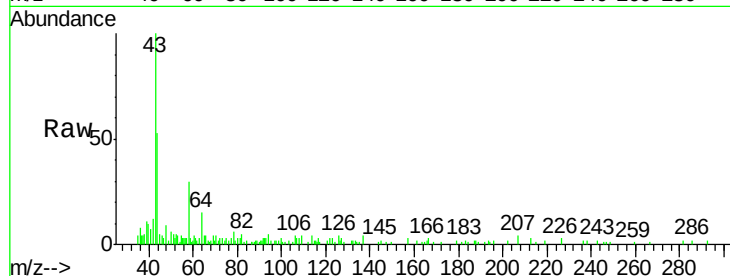
KY001IW064-190207

Tot Ion: 43 Resp: 8246

Ion Ratio Lower Upper

43 100

58 28.2 24.9 37.3



#19

Methyl tert-butyl Ether

Concen: 18.403 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX007465.D

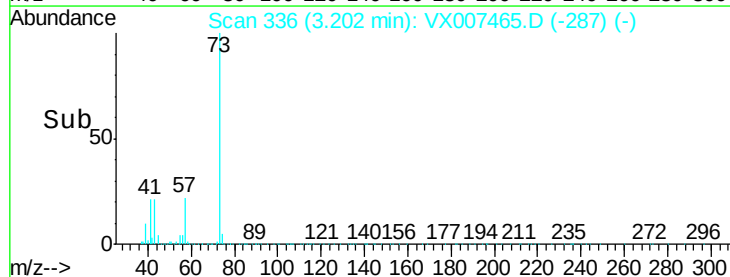
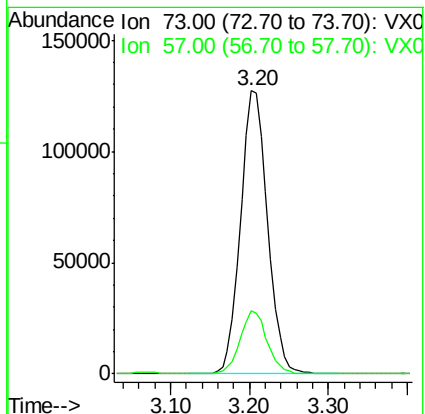
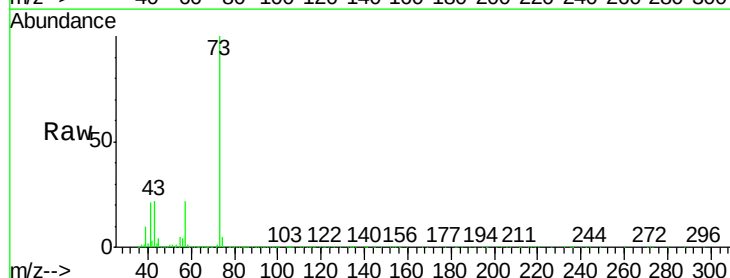
Acq: 11 Feb 2019 14:00

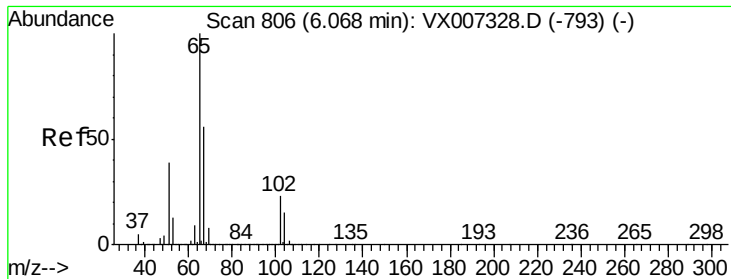
Tgt Ion: 73 Resp: 303413

Ion Ratio Lower Upper

73 100

57 22.1 17.8 26.8

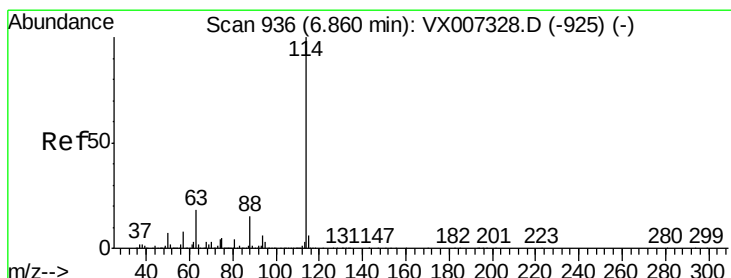
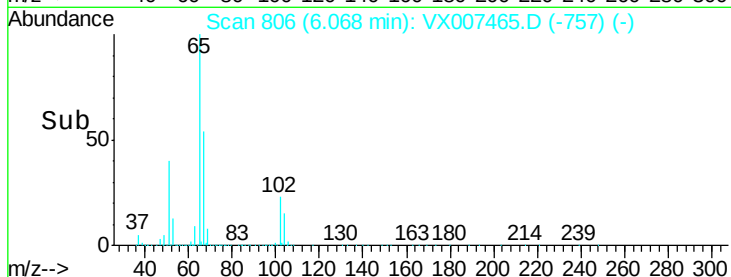
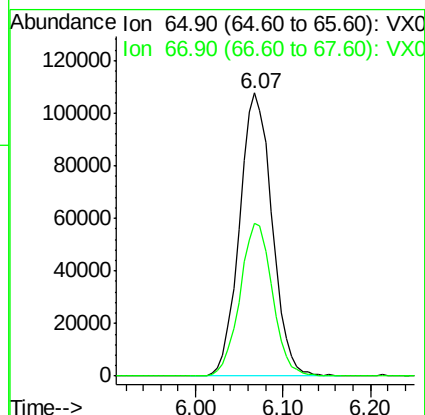
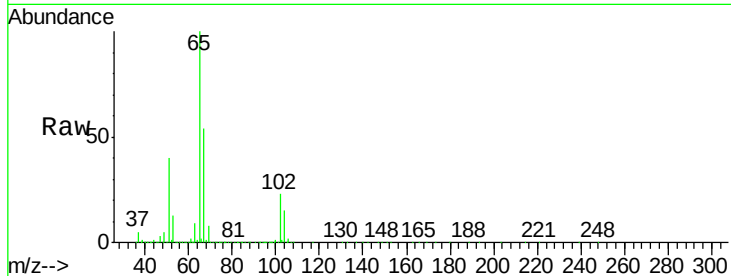




#33
 1,2-Dichloroethane-d4
 Concen: 49.232 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007465.D
 Acq: 11 Feb 2019 14:00

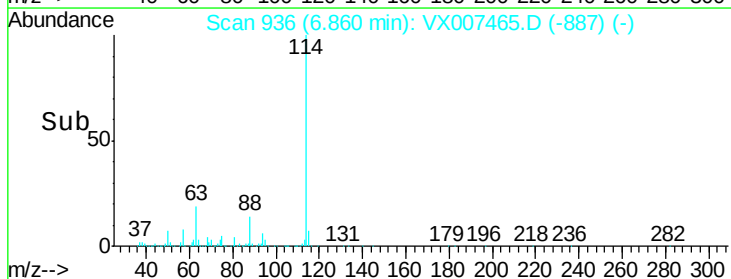
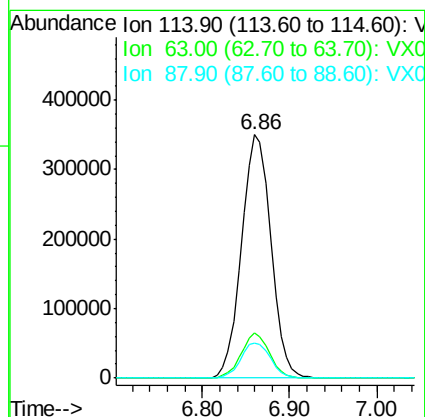
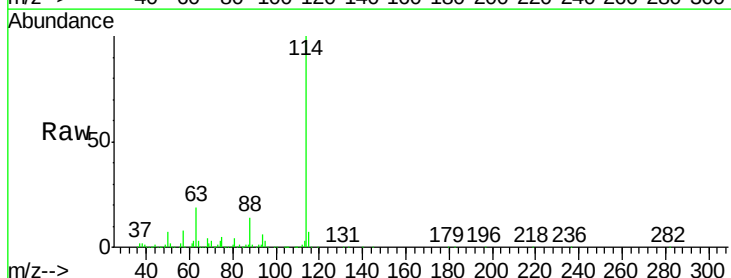
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW064-190207

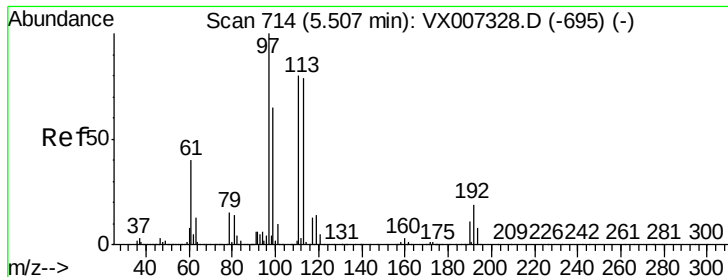
Tot Ion: 65 Resp: 278518
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007465.D
 Acq: 11 Feb 2019 14:00

Tgt Ion: 114 Resp: 821211
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.6
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.742 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007465.D

Acq: 11 Feb 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

KY001IW064-190207

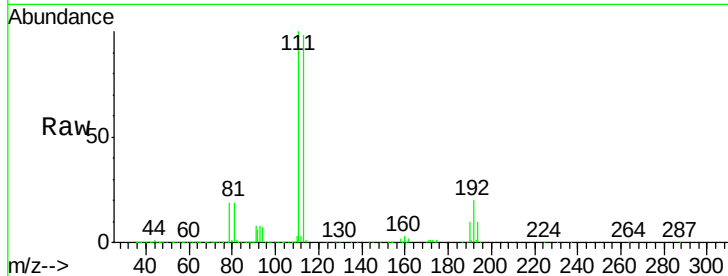
Tot Ion:113 Resp: 260443

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

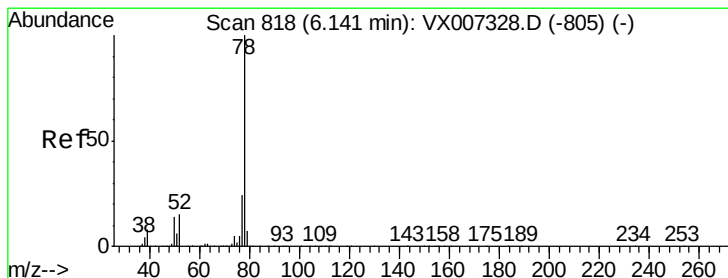
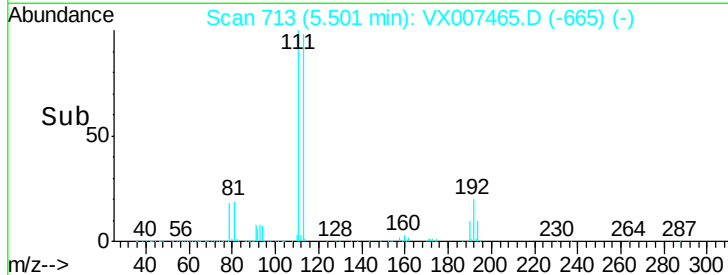
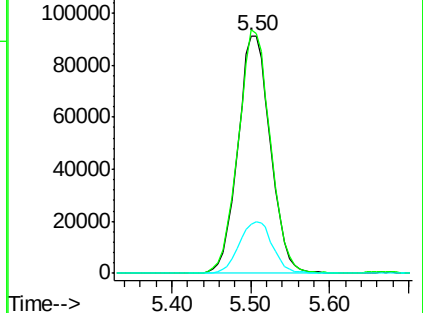
192 22.4 18.5 27.7



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: 0.336 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007465.D

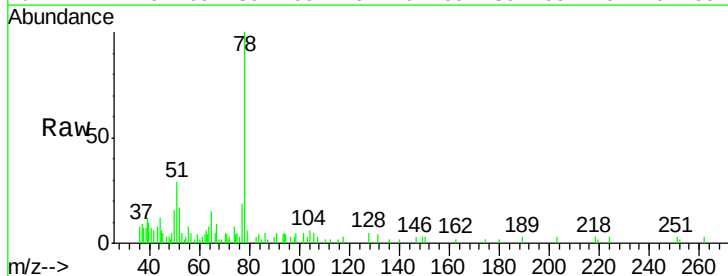
Acq: 11 Feb 2019 14:00

Tgt Ion: 78 Resp: 7301

Ion Ratio Lower Upper

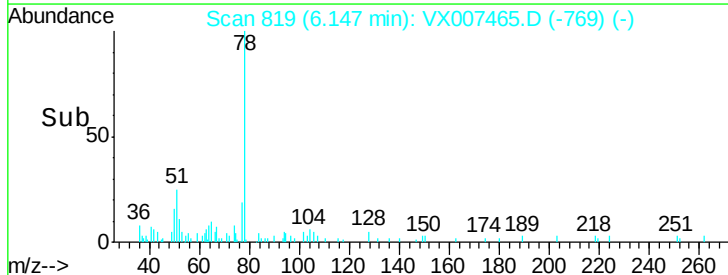
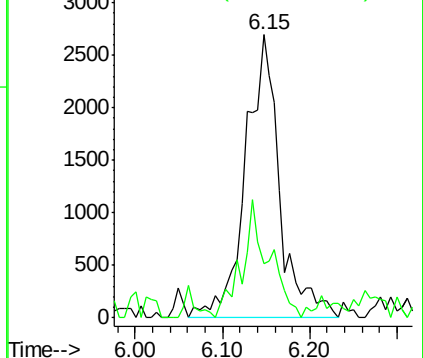
78 100

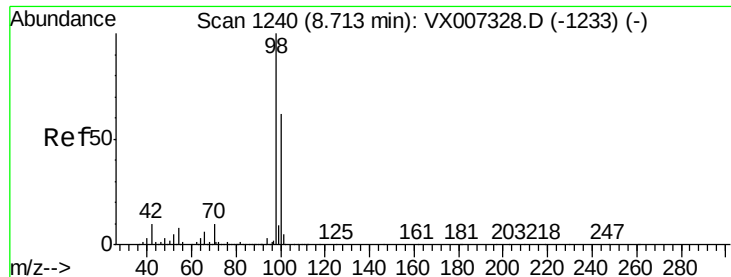
77 14.5 19.3 28.9#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.850 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007465.D

Acq: 11 Feb 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

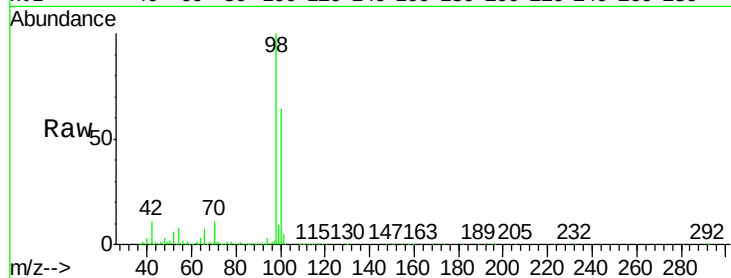
KY001IW064-190207

Tot Ion: 98 Resp: 968433

Ion Ratio Lower Upper

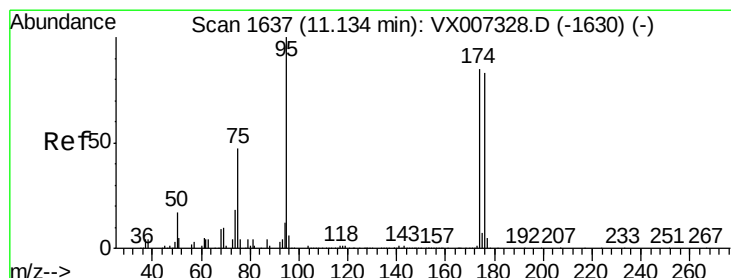
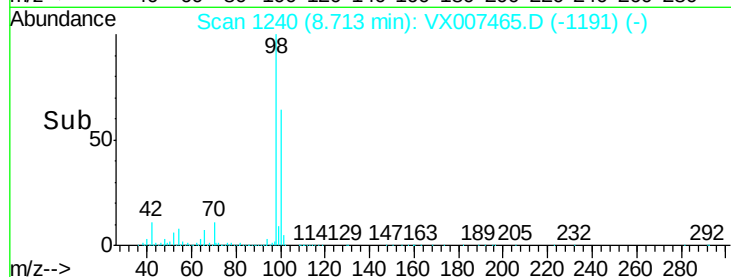
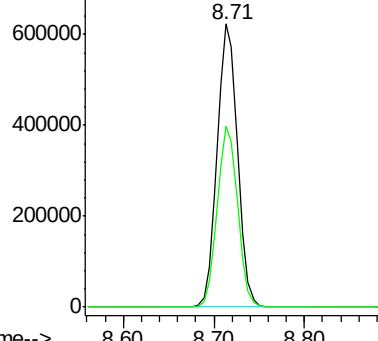
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.544 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007465.D

Acq: 11 Feb 2019 14:00

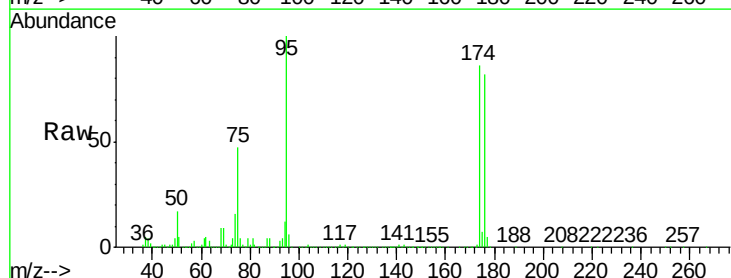
Tgt Ion: 95 Resp: 344123

Ion Ratio Lower Upper

95 100

174 95.1 0.0 189.2

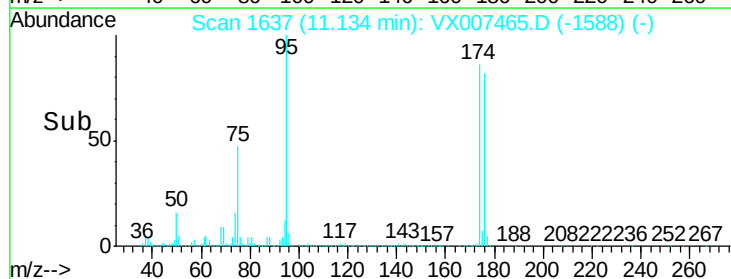
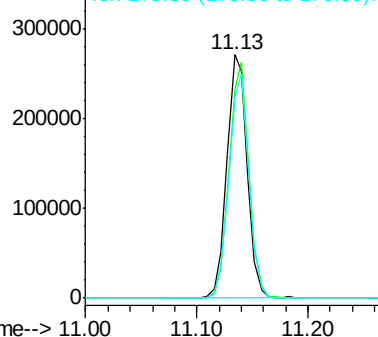
176 91.2 0.0 186.2

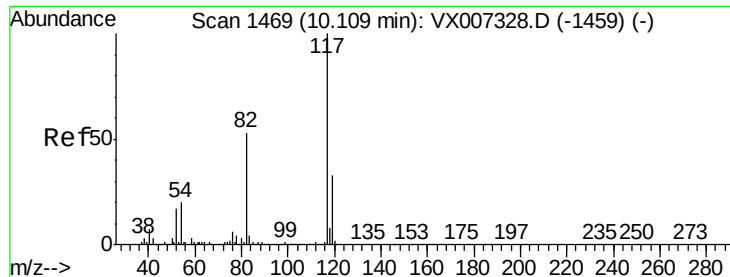


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007465.D

Acq: 11 Feb 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

KY001IW064-190207

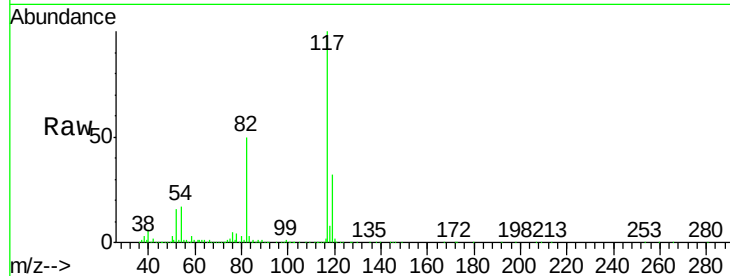
Tot Ion:117 Resp: 756708

Ion Ratio Lower Upper

117 100

82 49.8 42.1 63.1

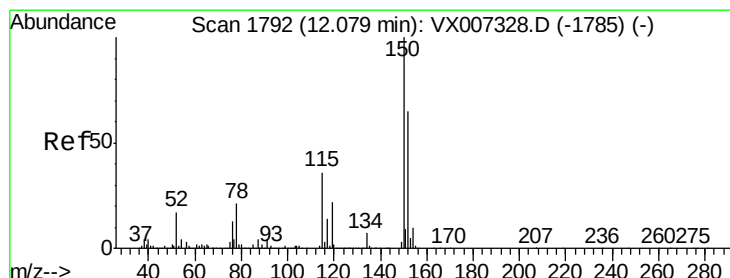
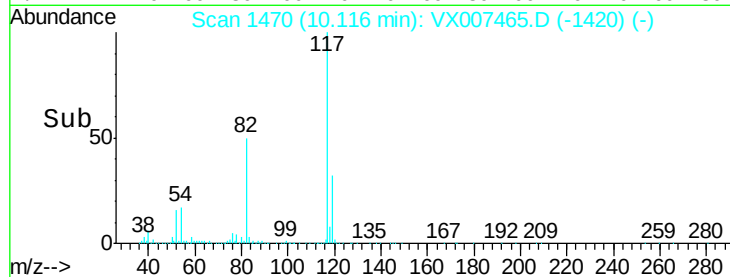
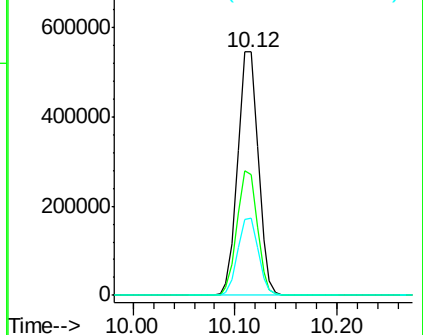
119 31.8 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007465.D

Acq: 11 Feb 2019 14:00

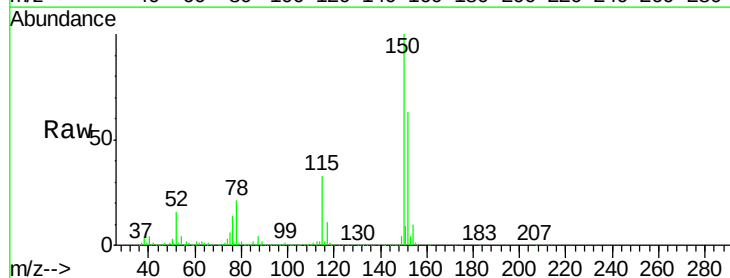
Tgt Ion:152 Resp: 367391

Ion Ratio Lower Upper

152 100

115 54.2 38.0 114.0

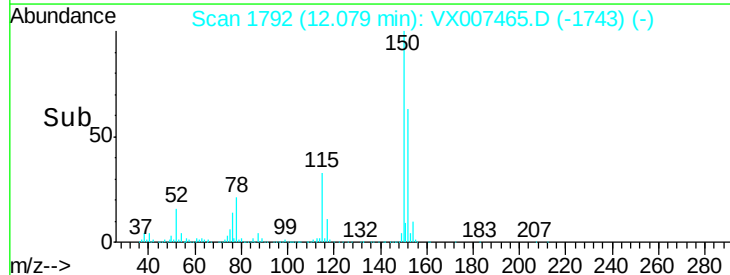
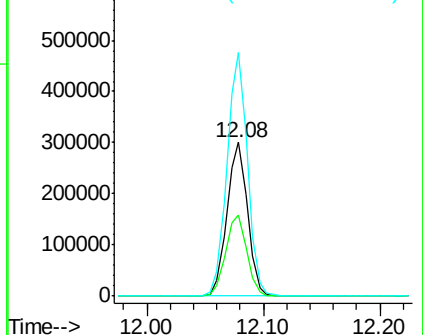
150 157.4 0.0 346.4

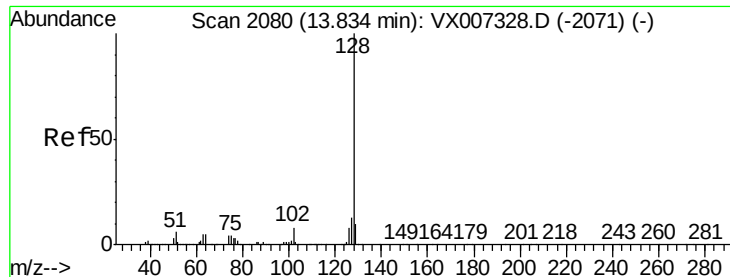


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

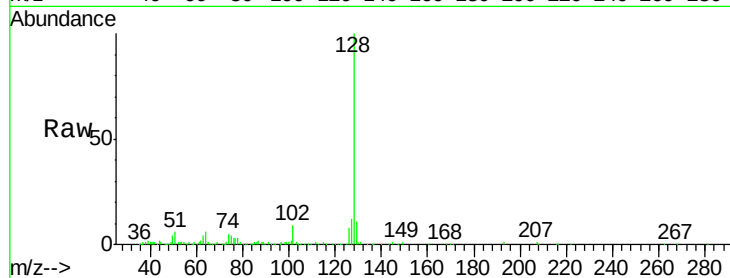




#95
Naphthalene
Concen: 1.589 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007465.D
Acq: 11 Feb 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
KY001IW064-190207

Tot Ion:128 Resp: 39366
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 13.4 8.7 13.1#



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

