

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007705.D
 Acq On : 26 Feb 2019 09:34
 Operator : JC/SP
 Sample : K1348-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-03-022219-A

Quant Time: Feb 26 11:58:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

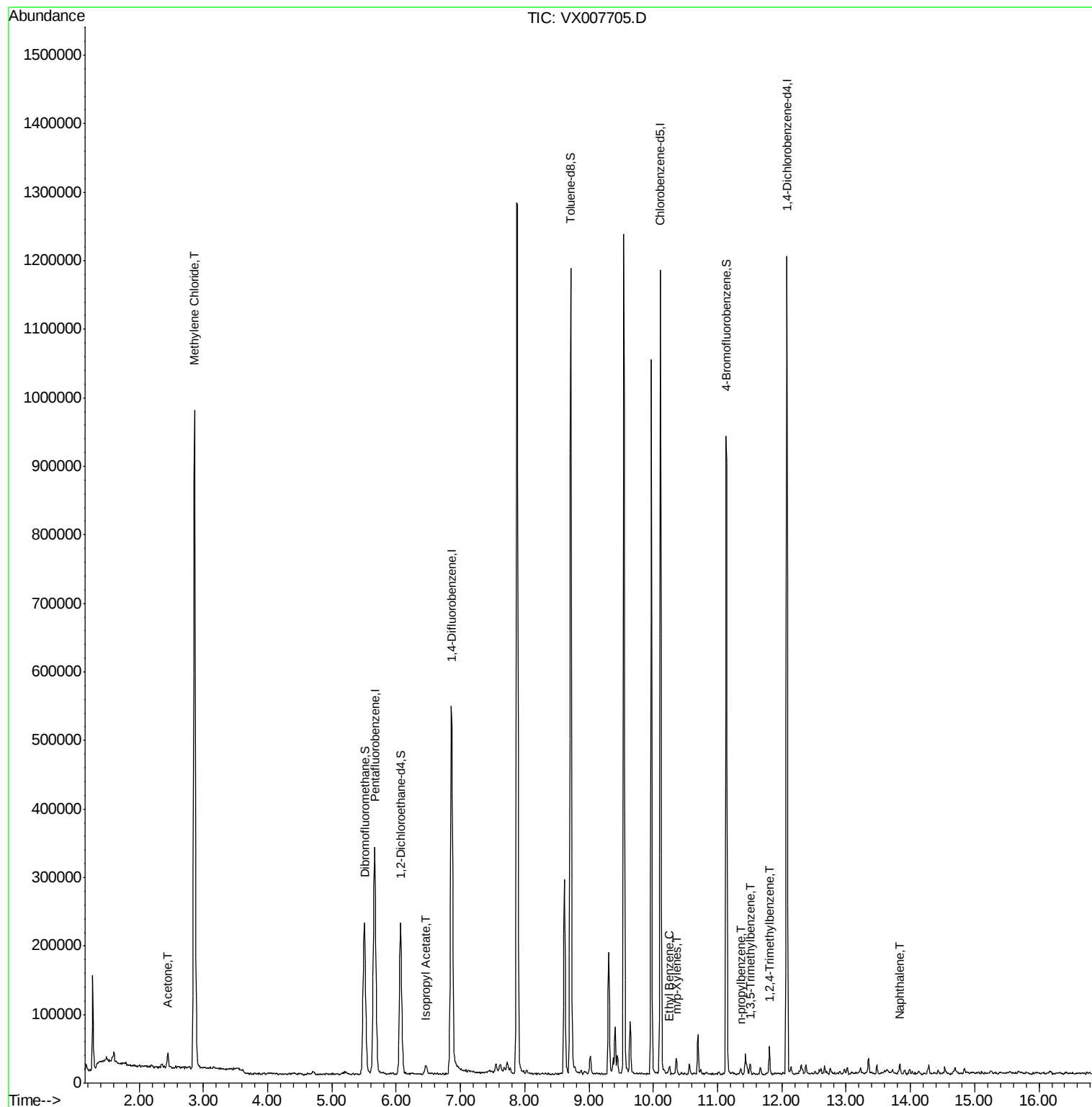
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	560952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	557062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204371	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
35) Dibromofluoromethane	5.51	113	189333	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	708679	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	245735	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	23558	13.096	ug/l	98
20) Methylene Chloride	2.86	84	436697	131.471	ug/l	94
43) Isopropyl Acetate	6.46	43	17553	2.036	ug/l #	90
67) Ethyl Benzene	10.25	91	6838	0.343	ug/l	99
68) m/p-Xylenes	10.36	106	6171	0.795	ug/l	88
78) n-propylbenzene	11.36	91	4807	0.241	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	6443	0.444	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	17159	1.155	ug/l	100
95) Naphthalene	13.83	128	9007	0.554	ug/l #	93

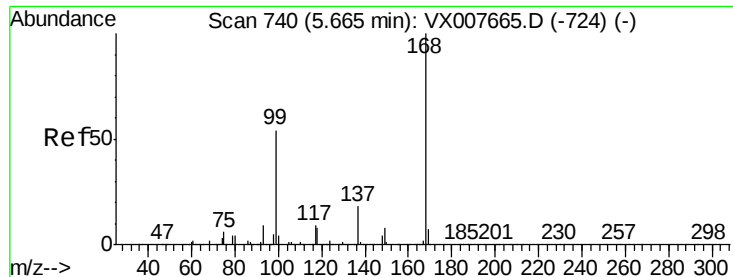
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

Instrument :

MSVOA_X

ClientSampleId :

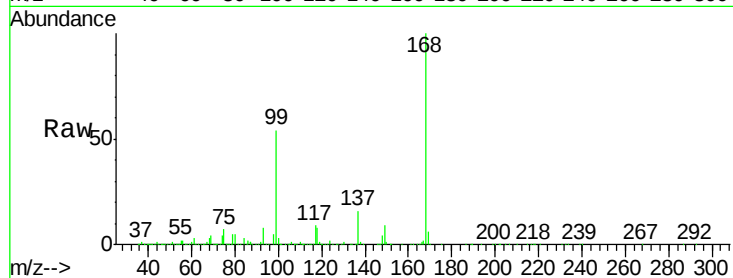
OK-03-022219-A

Tot Ion:168 Resp: 326564

Ion Ratio Lower Upper

168 100

99 54.4 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

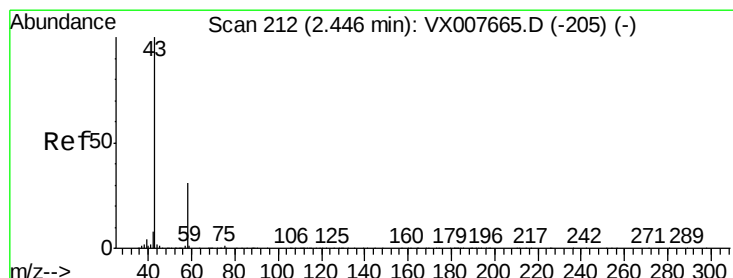
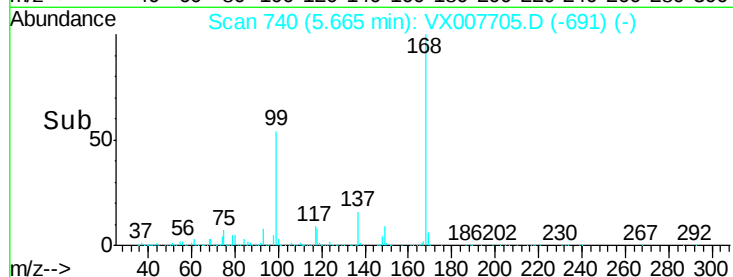
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.096 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007705.D

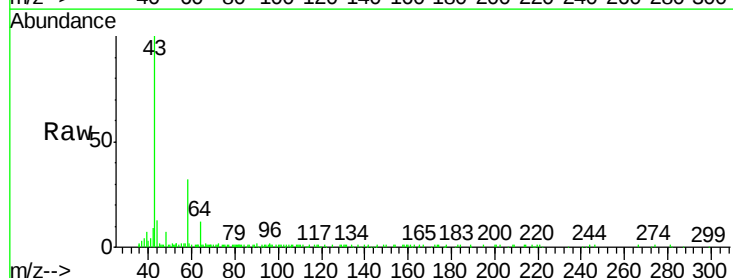
Acq: 26 Feb 2019 09:34

Tgt Ion: 43 Resp: 23558

Ion Ratio Lower Upper

43 100

58 30.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

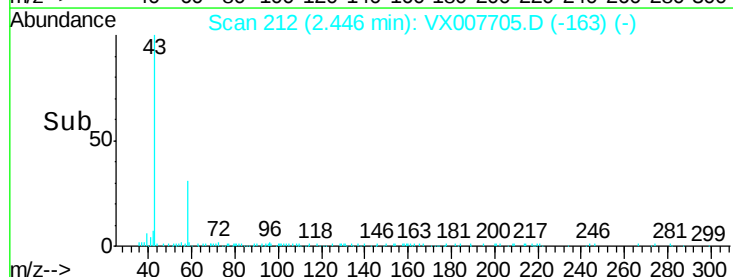
10000

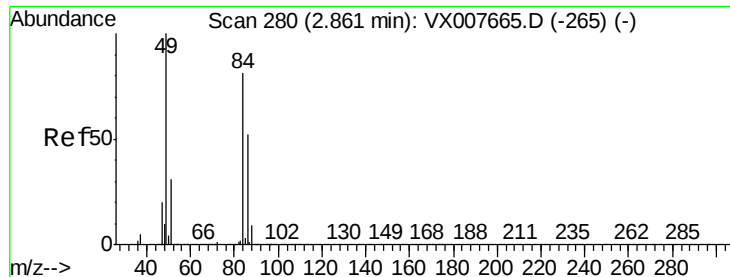
5000

0

Time-->

2.40 2.45 2.50





#20

Methylene Chloride

Concen: 131.471 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

Instrument :

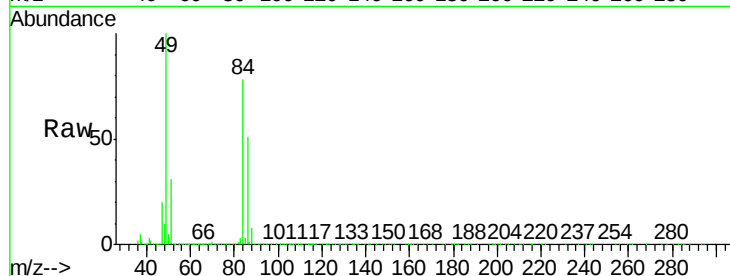
MSVOA_X

ClientSampleId :

OK-03-022219-A

Tot Ion: 84 Resp: 436697

Ion	Ratio	Lower	Upper
84	100		
49	128.0	94.8	142.2
51	39.0	29.8	44.8
86	64.6	54.1	81.1

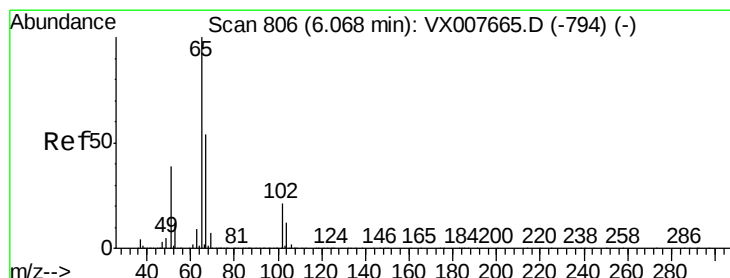
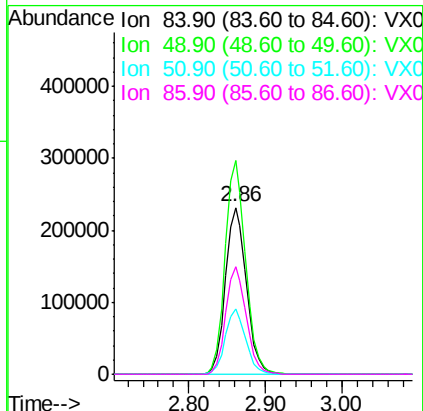
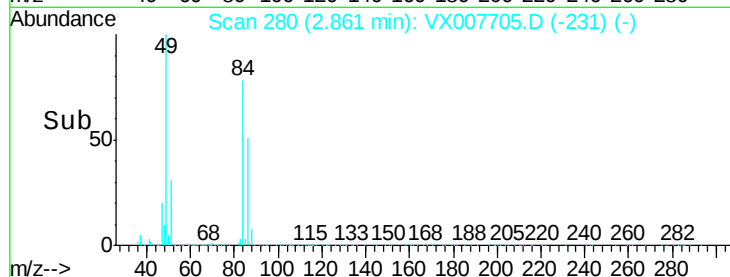


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 50.523 ug/l

RT: 6.07 min Scan# 806

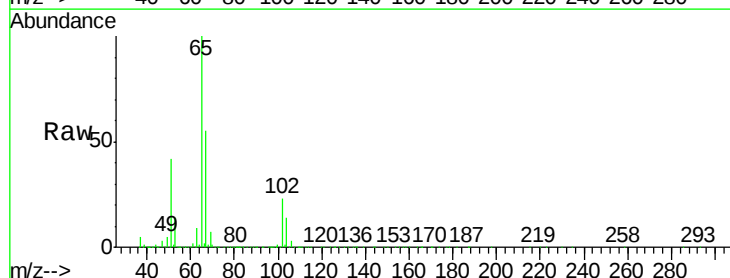
Delta R.T. -0.00 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

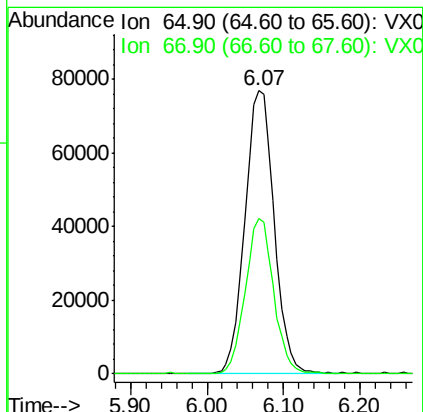
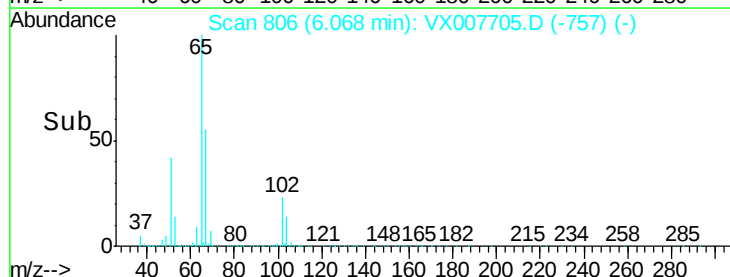
Tgt Ion: 65 Resp: 204371

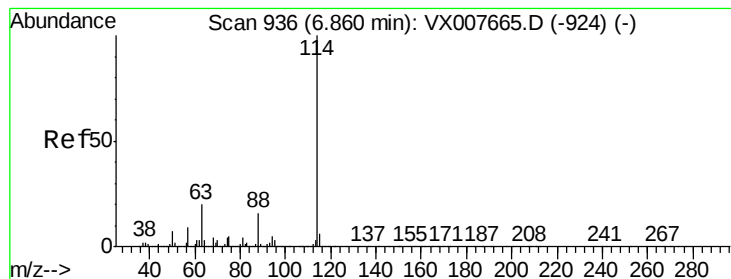
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

Instrument :

MSVOA_X

ClientSampleId :

OK-03-022219-A

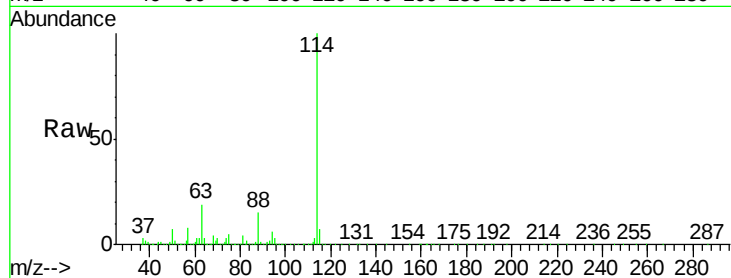
Tot Ion:114 Resp: 560952

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.6

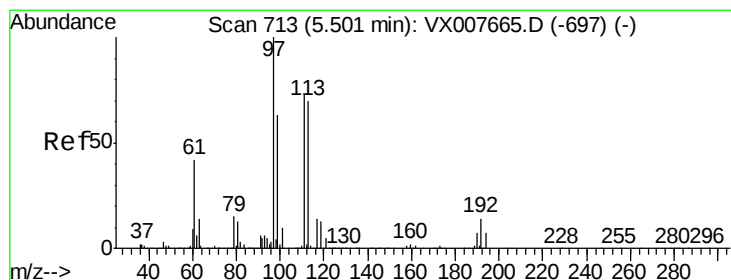
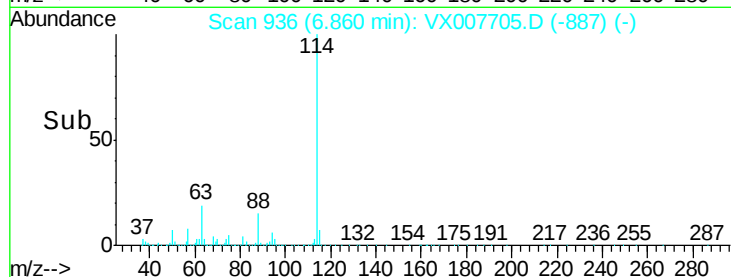
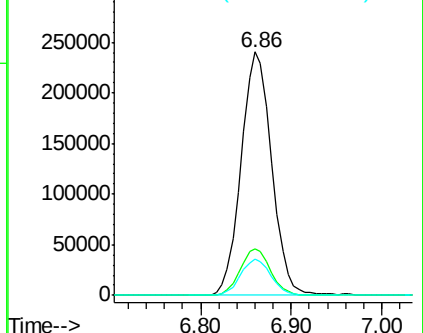
88 15.0 0.0 29.6



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: 50.492 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

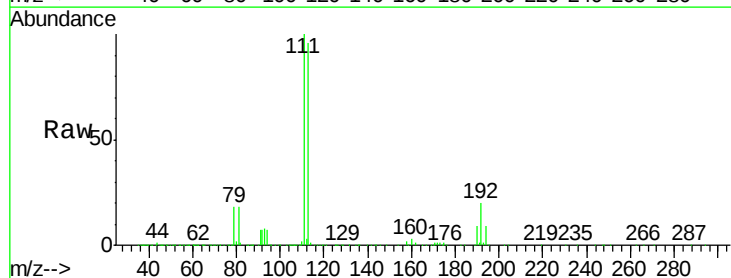
Tgt Ion:113 Resp: 189333

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

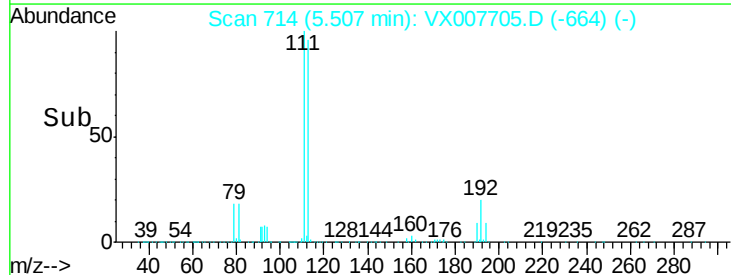
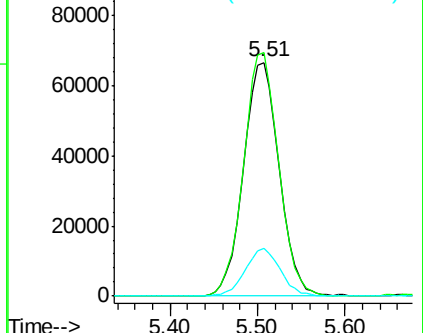
192 20.1 18.5 27.7

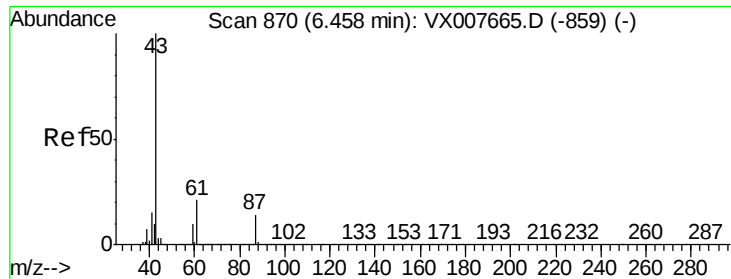


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.036 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

Instrument :

MSVOA_X

ClientSampleId :

OK-03-022219-A

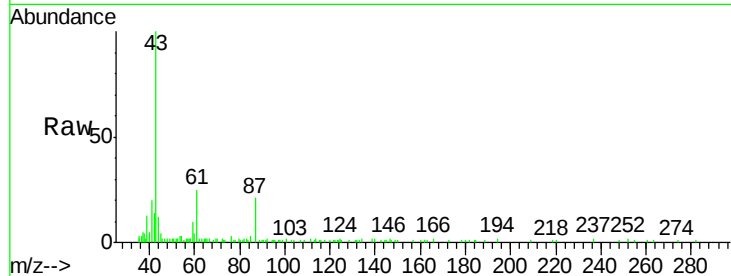
Tot Ion: 43 Resp: 17553

Ion Ratio Lower Upper

43 100

61 25.3 16.1 24.1#

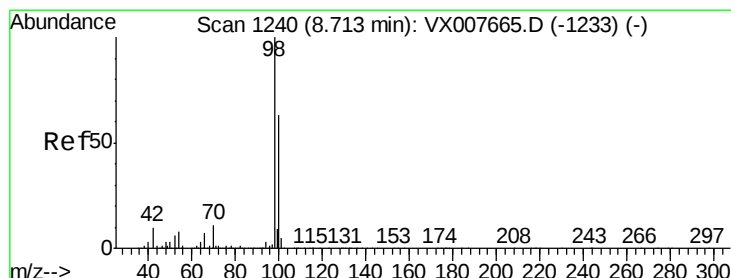
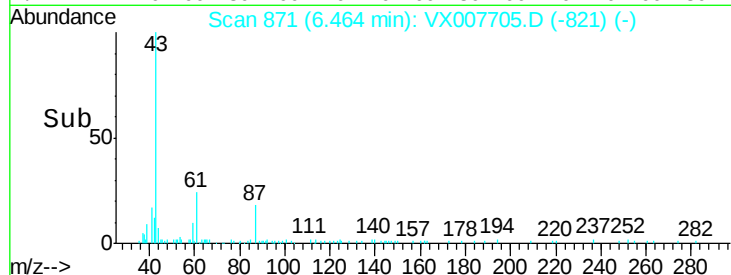
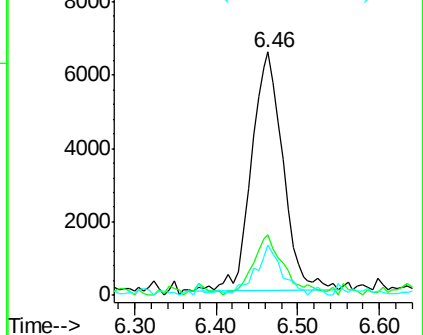
87 18.0 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.366 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007705.D

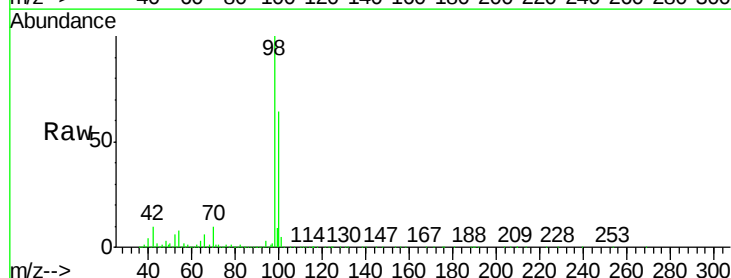
Acq: 26 Feb 2019 09:34

Tgt Ion: 98 Resp: 708679

Ion Ratio Lower Upper

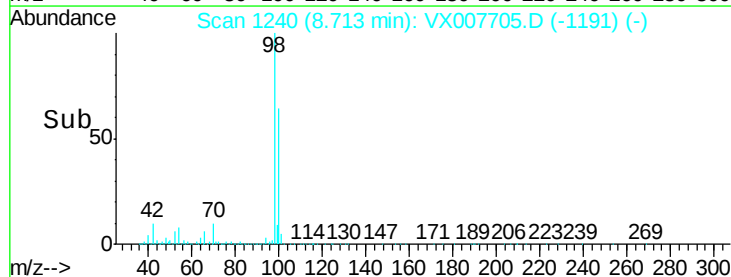
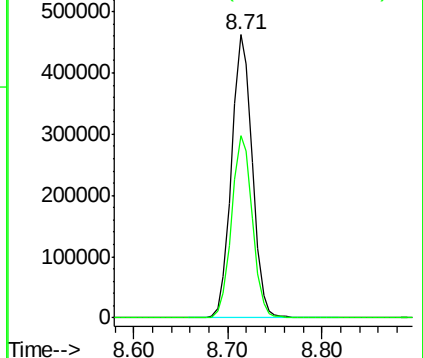
98 100

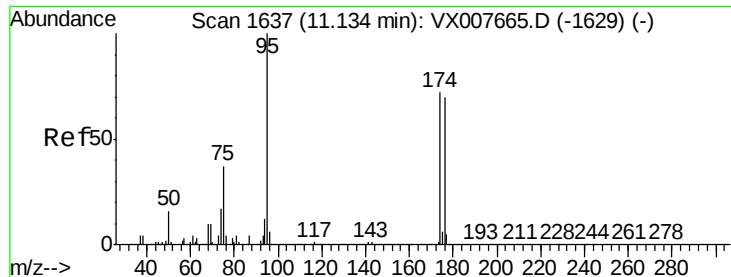
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.638 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

Instrument :

MSVOA_X

ClientSampleId :

OK-03-022219-A

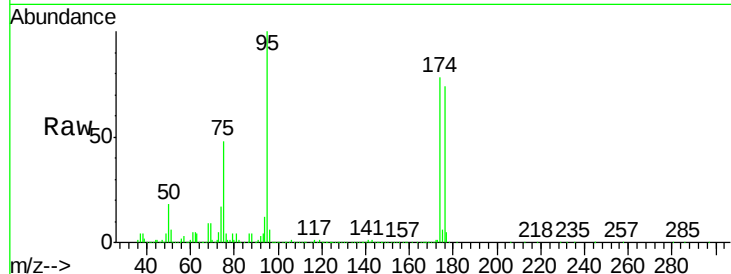
Tot Ion: 95 Resp: 245735

Ion Ratio Lower Upper

95 100

174 84.3 0.0 189.2

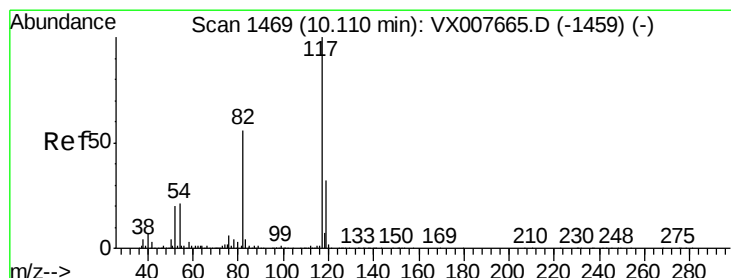
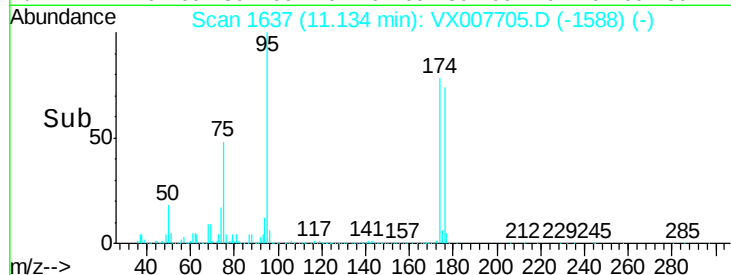
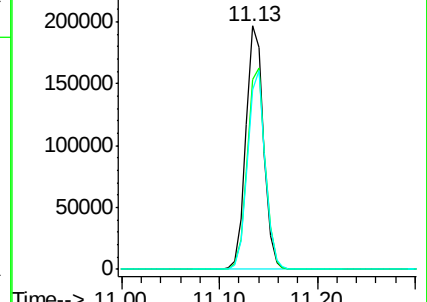
176 81.4 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

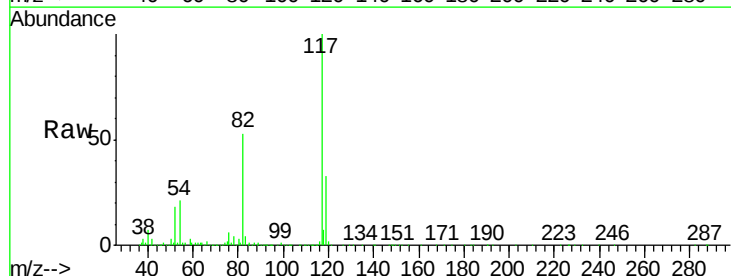
Tgt Ion: 117 Resp: 557062

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

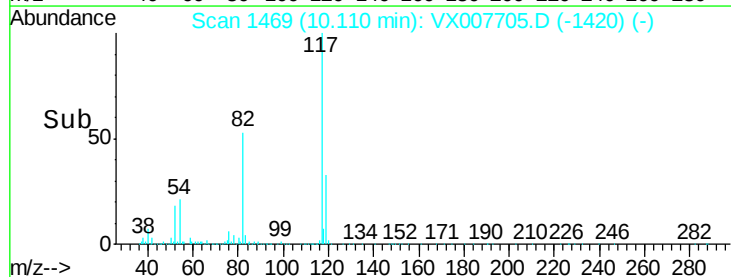
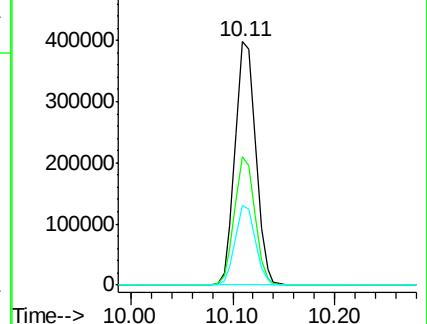
119 32.7 26.5 39.7

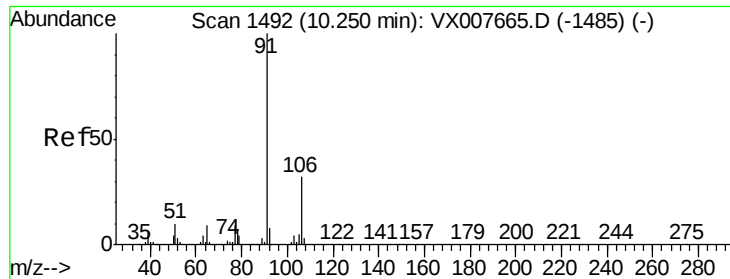


Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)





#67

Ethyl Benzene

Concen: 0.343 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

Instrument :

MSVOA_X

ClientSampleId :

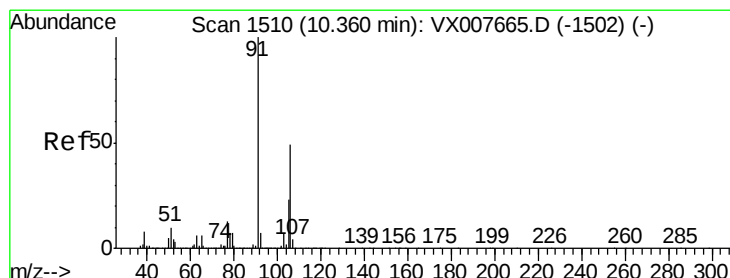
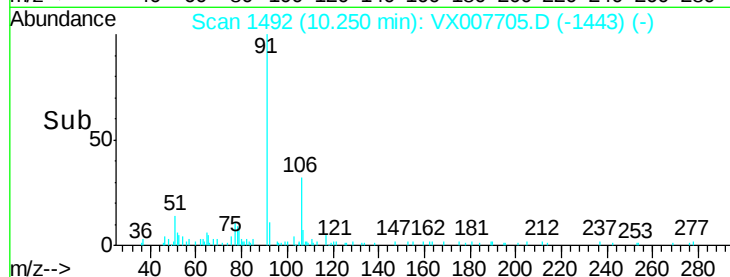
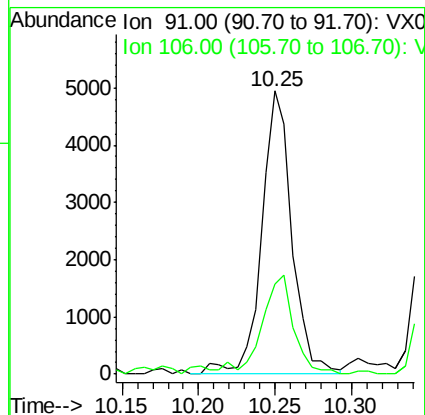
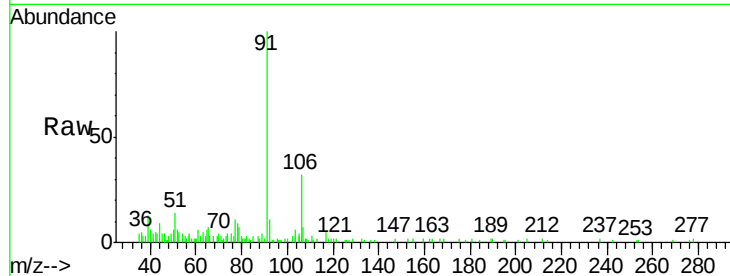
OK-03-022219-A

Tot Ion: 91 Resp: 6838

Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.0



#68

m/p-Xylenes

Concen: 0.795 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007705.D

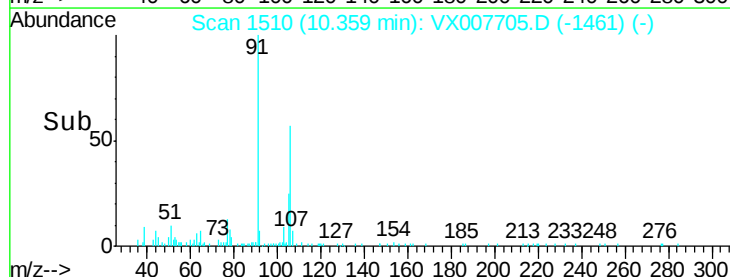
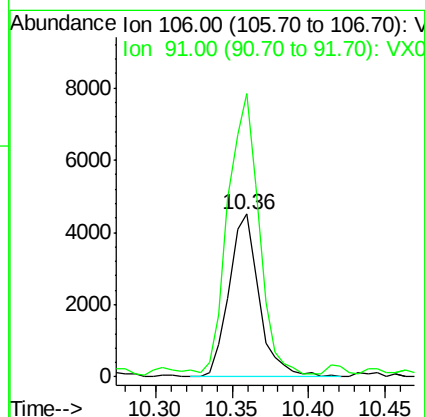
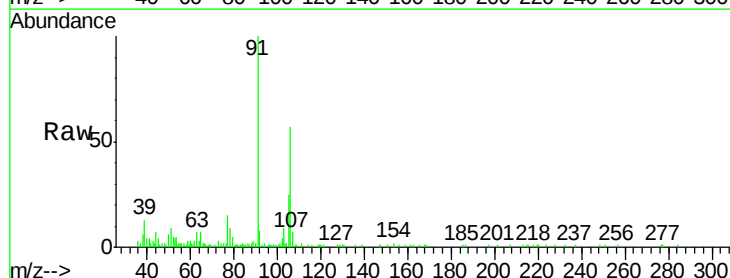
Acq: 26 Feb 2019 09:34

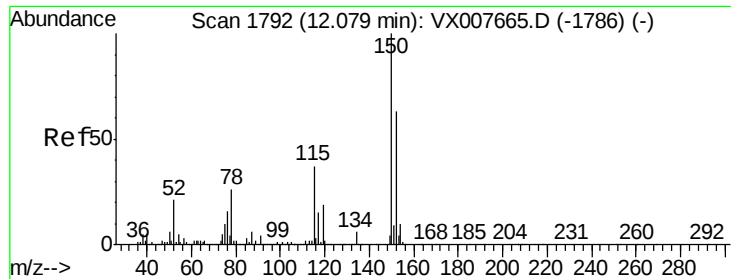
Tgt Ion: 106 Resp: 6171

Ion Ratio Lower Upper

106 100

91 177.7 156.6 234.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007705.D

Acq: 26 Feb 2019 09:34

Instrument :

MSVOA_X

ClientSampleId :

OK-03-022219-A

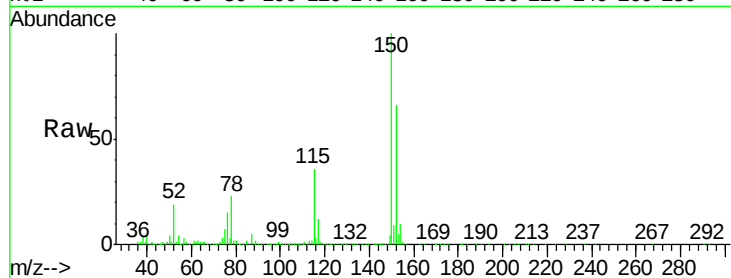
Tot Ion:152 Resp: 246942

Ion Ratio Lower Upper

152 100

115 56.4 38.0 114.0

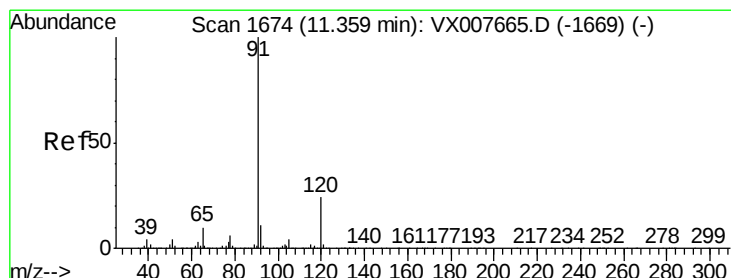
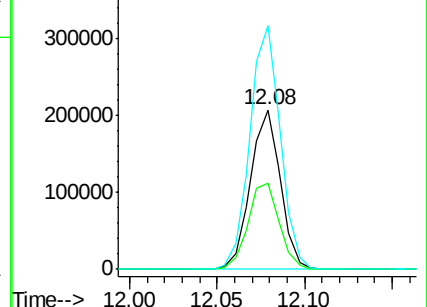
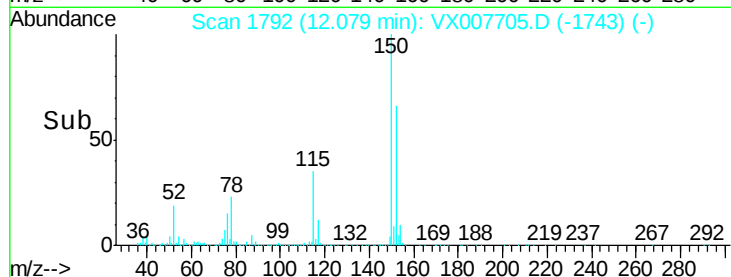
150 154.9 0.0 346.4



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



#78

n-propylbenzene

Concen: 0.241 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007705.D

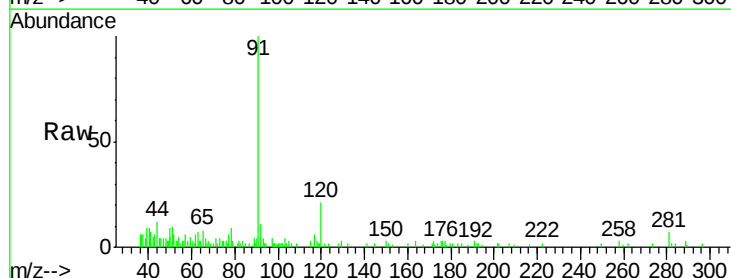
Acq: 26 Feb 2019 09:34

Tgt Ion: 91 Resp: 4807

Ion Ratio Lower Upper

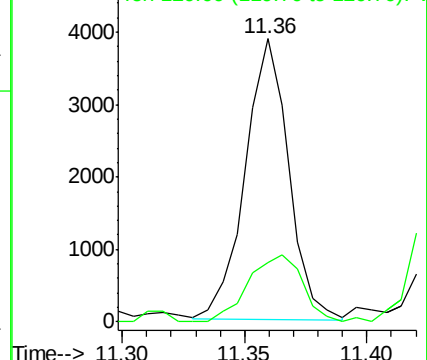
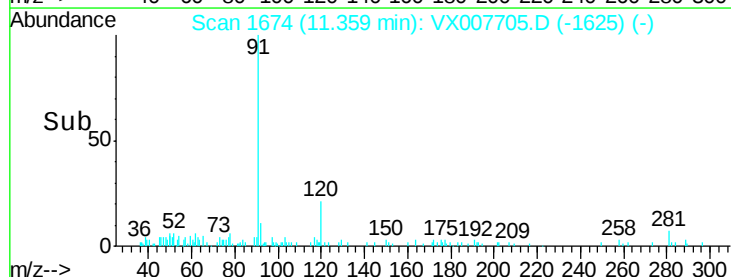
91 100

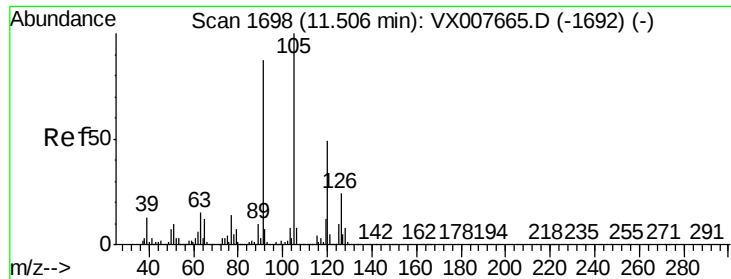
120 29.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

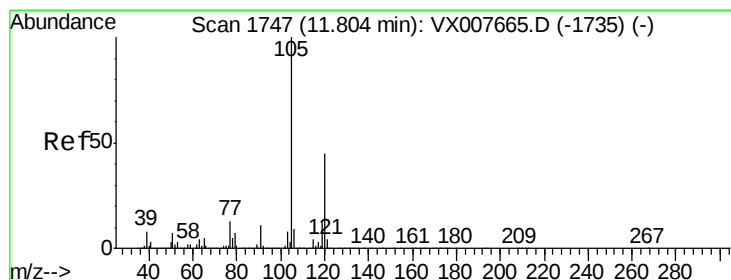
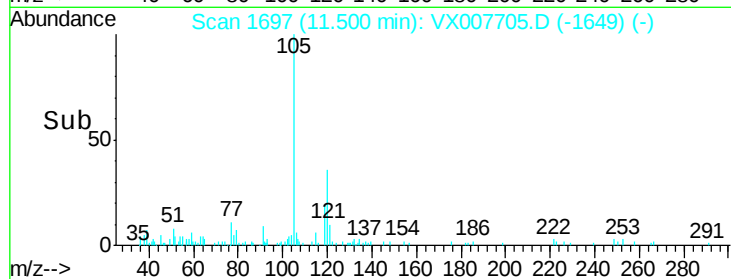
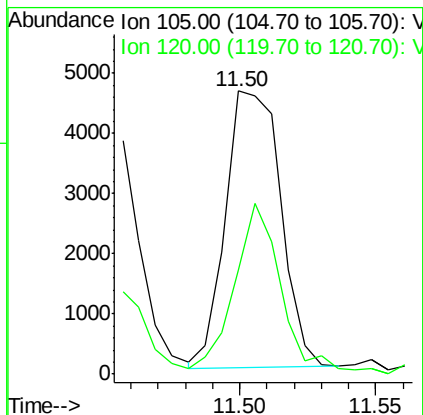
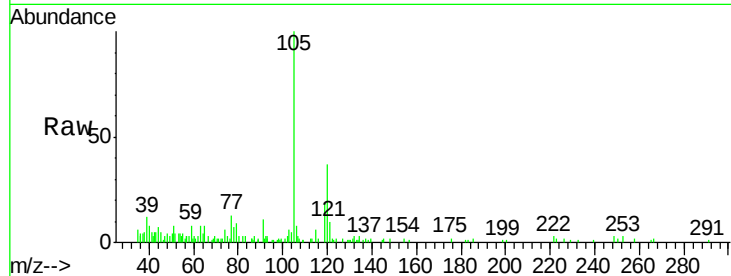




#80
 1,3,5-Trimethylbenzene
 Concen: 0.444 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: VX007705.D
 Acq: 26 Feb 2019 09:34

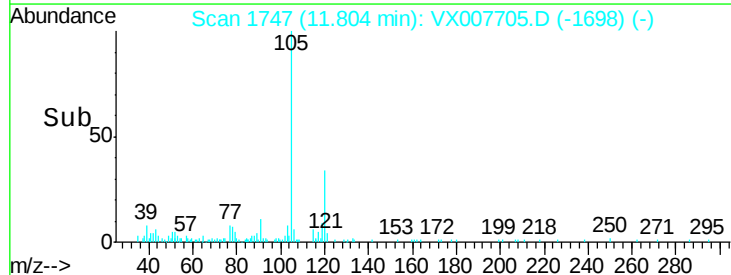
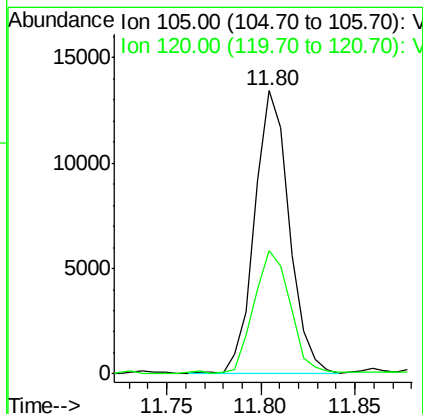
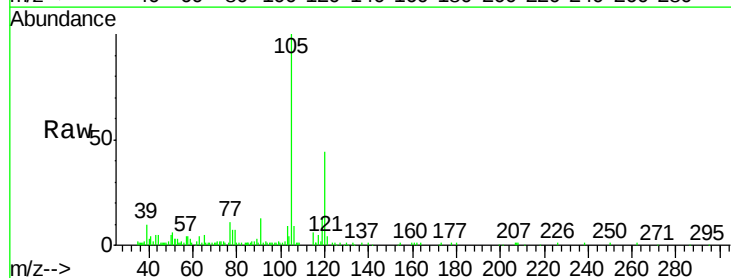
Instrument :
 MSVOA_X
 ClientSampleId :
 OK-03-022219-A

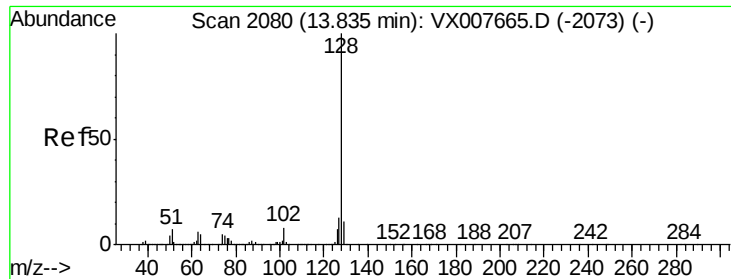
Tot Ion:105 Resp: 6443
 Ion Ratio Lower Upper
 105 100
 120 53.4 25.3 75.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.155 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007705.D
 Acq: 26 Feb 2019 09:34

Tgt Ion:105 Resp: 17159
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3

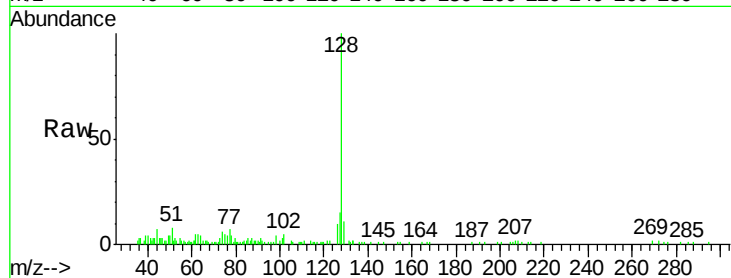




#95
Naphthalene
Concen: 0.554 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007705.D
Acq: 26 Feb 2019 09:34

Instrument :
MSVOA_X
ClientSampleId :
OK-03-022219-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.5	15.7#
129	13.2	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

