

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007269.D
 Acq On : 28 Jan 2019 18:58
 Operator : JC/SP
 Sample : K1011-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-012519-A

Quant Time: Jan 29 01:24:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

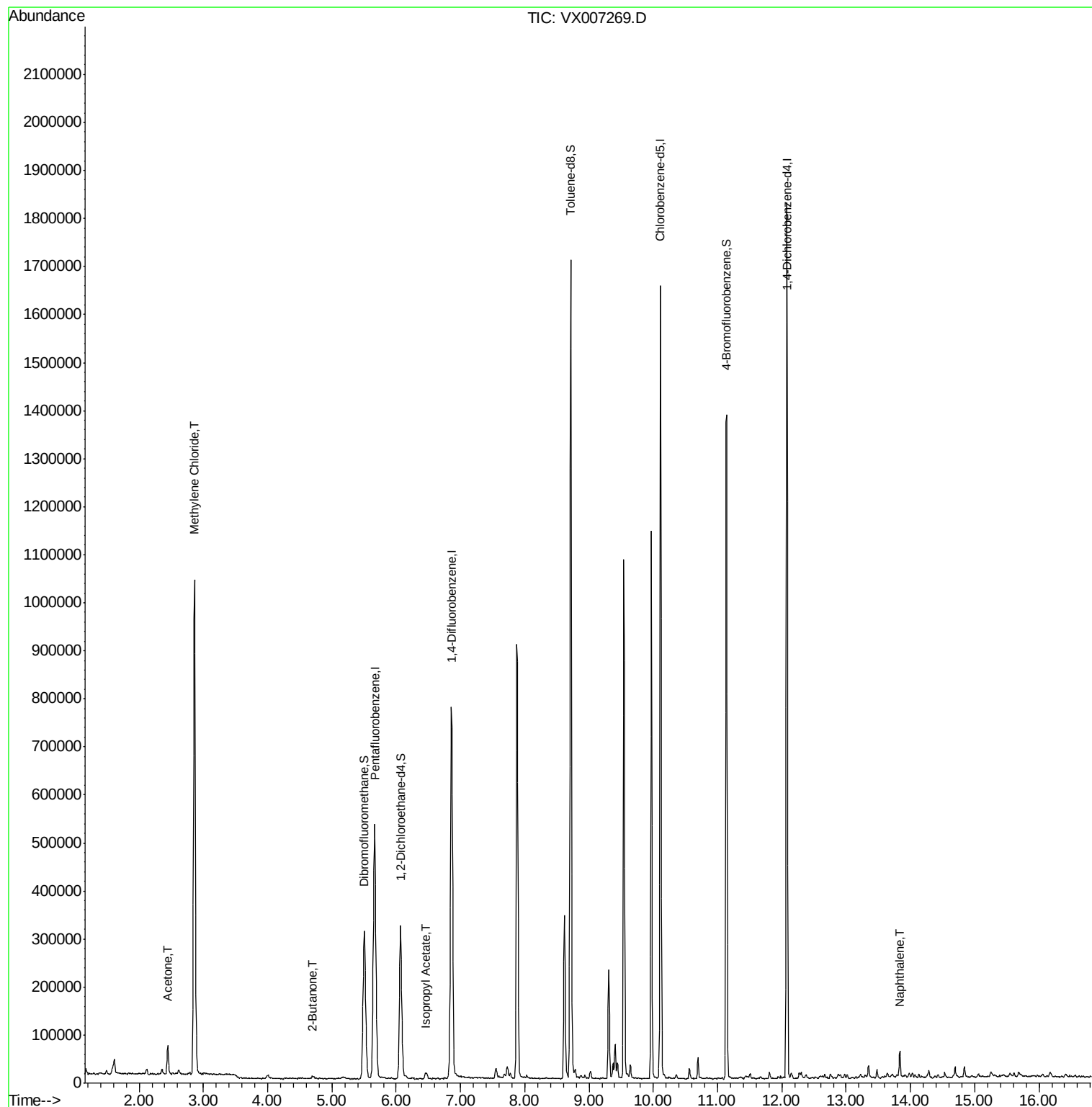
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	539282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	826465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	792037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	387742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	290565	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	5.50	113	260116	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	1020985	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.13	95	359521	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
Target Compounds						
16) Acetone	2.45	43	64146	23.022	ug/l	99
20) Methylene Chloride	2.86	84	483269	91.664	ug/l	97
25) 2-Butanone	4.70	43	9656	2.422	ug/l	95
43) Isopropyl Acetate	6.46	43	18844	1.551	ug/l #	95
95) Naphthalene	13.83	128	35953	1.287	ug/l	98

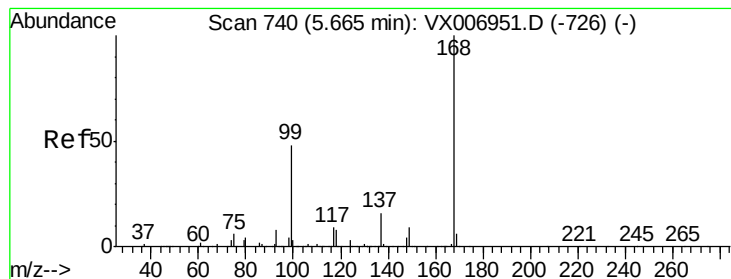
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX007269.D

Acq: 28 Jan 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

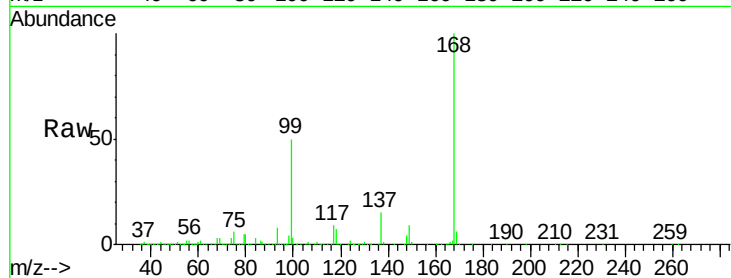
OR-01-012519-A

Tot Ion:168 Resp: 539282

Ion Ratio Lower Upper

168 100

99 49.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

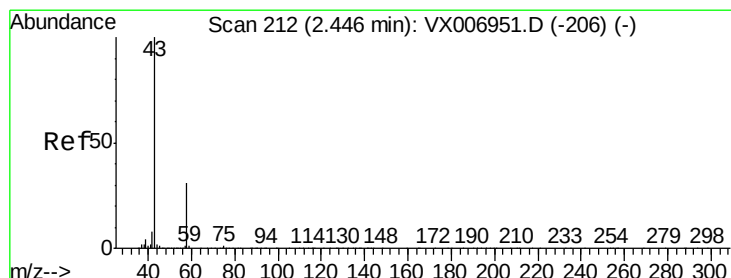
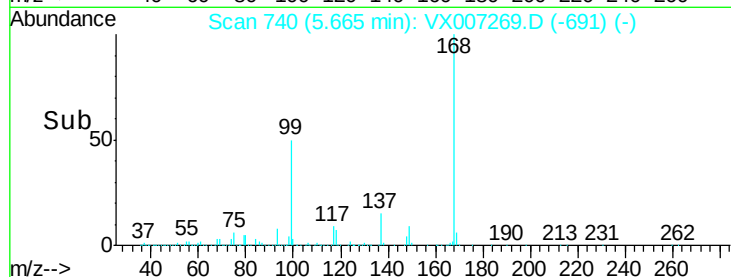
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 23.022 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007269.D

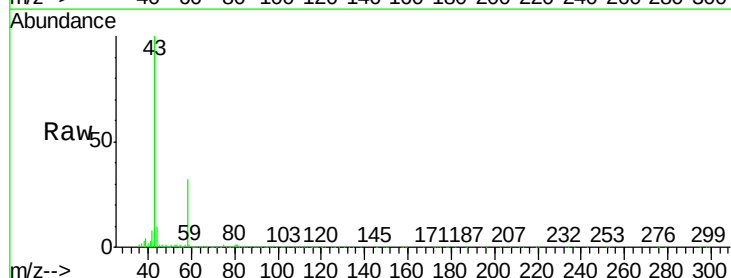
Acq: 28 Jan 2019 18:58

Tgt Ion: 43 Resp: 64146

Ion Ratio Lower Upper

43 100

58 31.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

30000

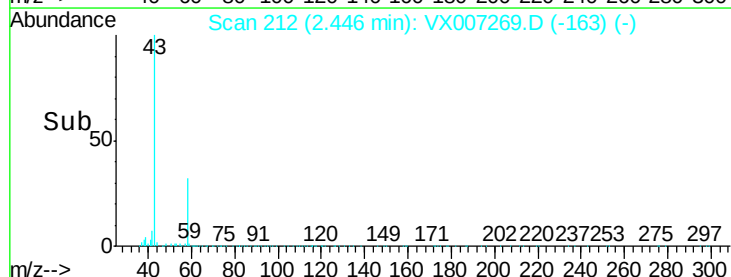
20000

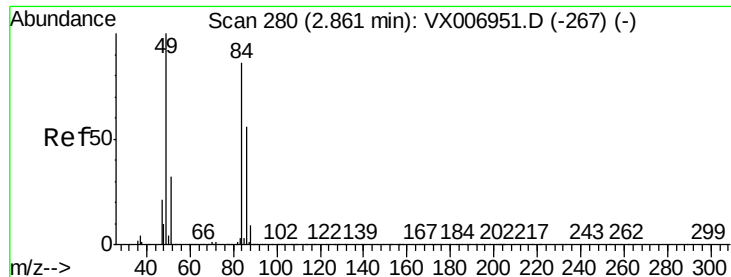
10000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 91.664 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007269.D

Acq: 28 Jan 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

OR-01-012519-A

Tot Ion: 84 Resp: 483269

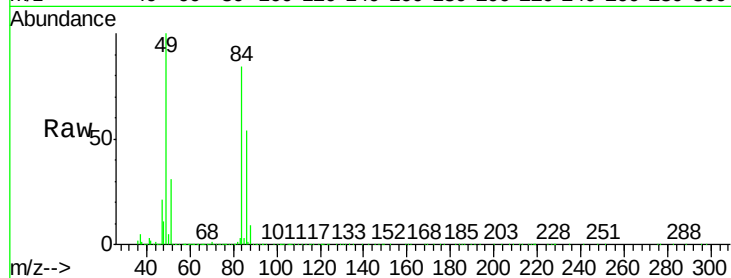
Ion Ratio Lower Upper

84 100

49 119.6 91.8 137.6

51 37.2 28.5 42.7

86 64.1 50.2 75.2

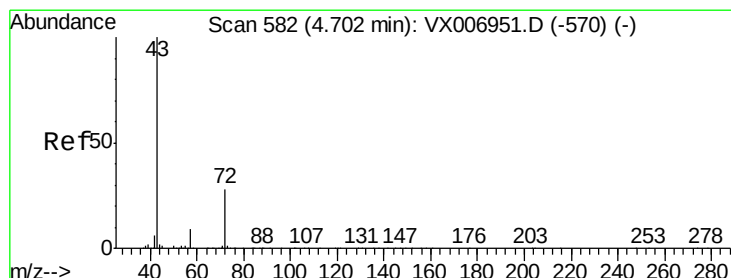
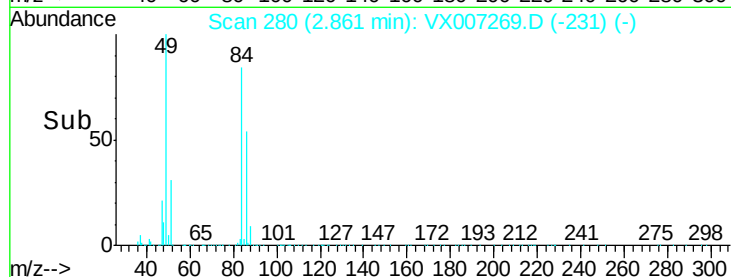
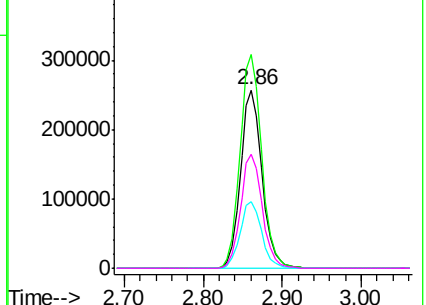


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 2.422 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007269.D

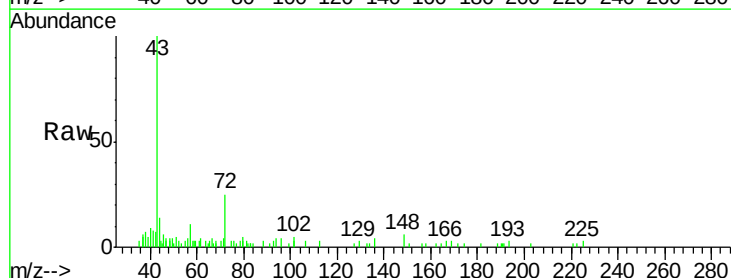
Acq: 28 Jan 2019 18:58

Tgt Ion: 43 Resp: 9656

Ion Ratio Lower Upper

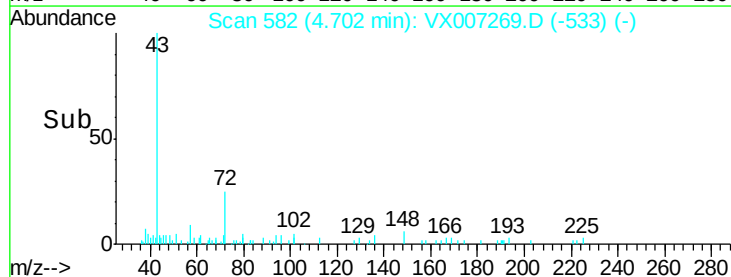
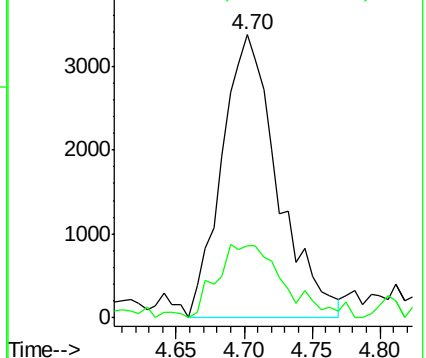
43 100

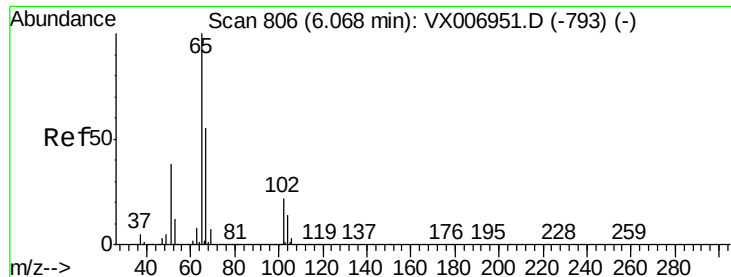
72 25.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

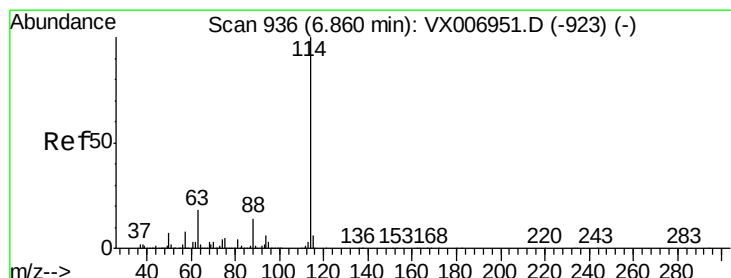
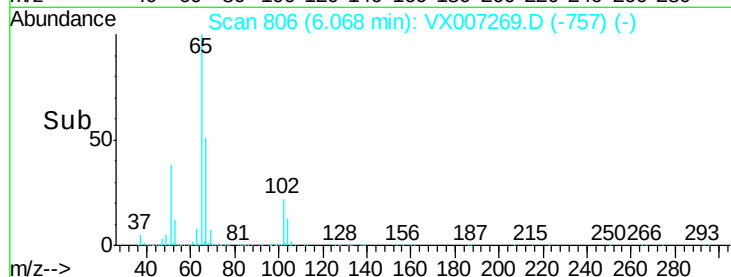
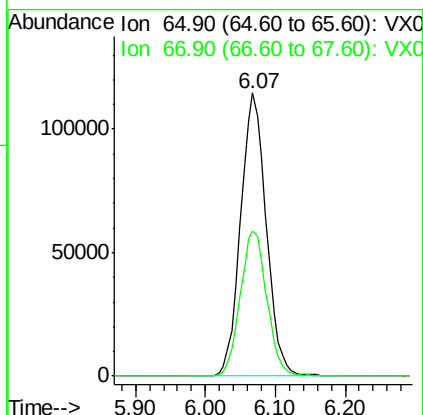
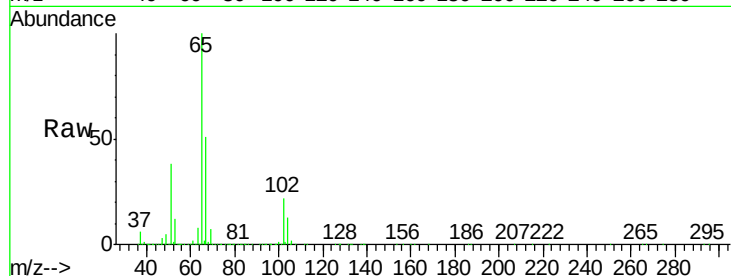




#33
 1,2-Dichloroethane-d4
 Concen: 51.556 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007269.D
 Acq: 28 Jan 2019 18:58

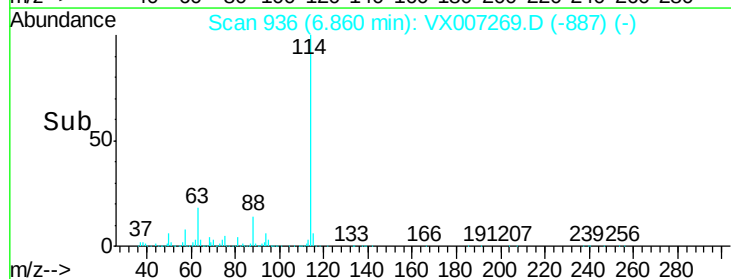
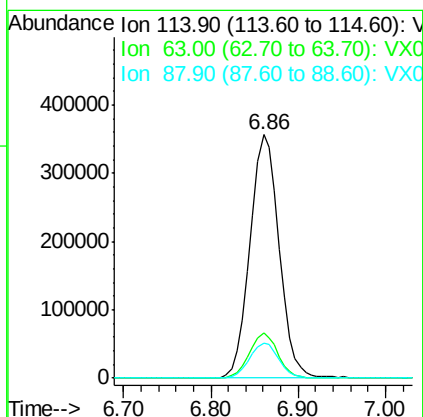
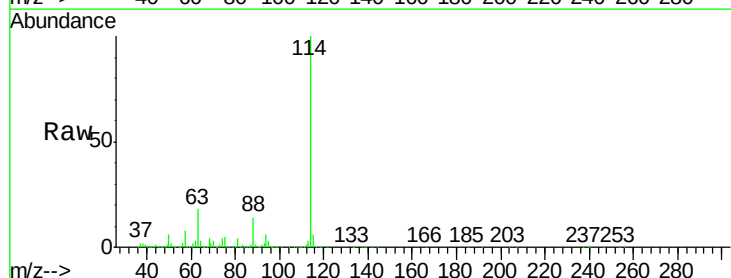
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-012519-A

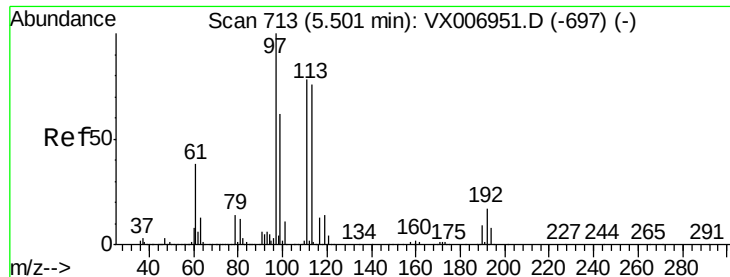
Tot Ion: 65 Resp: 290565
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007269.D
 Acq: 28 Jan 2019 18:58

Tgt Ion: 114 Resp: 826465
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.8
 88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.147 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007269.D

Acq: 28 Jan 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

OR-01-012519-A

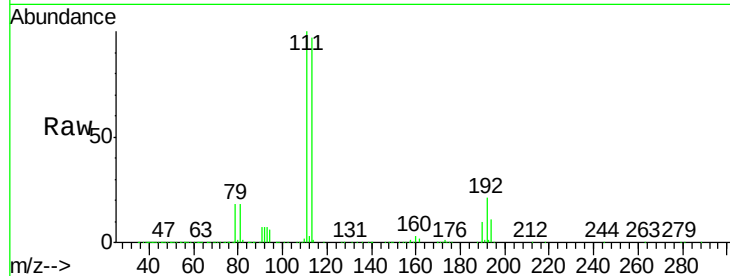
Tot Ion:113 Resp: 260116

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

192 22.1 16.7 25.1

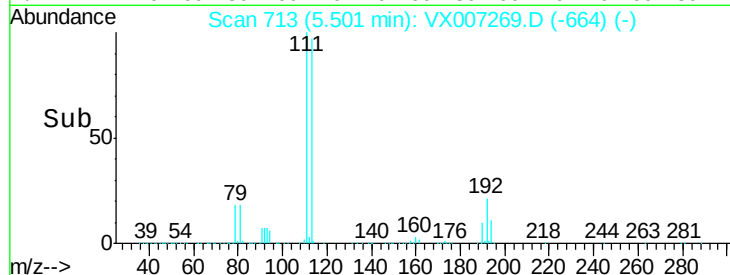


Abundance Ion 112.80 (112.50 to 113.50): V

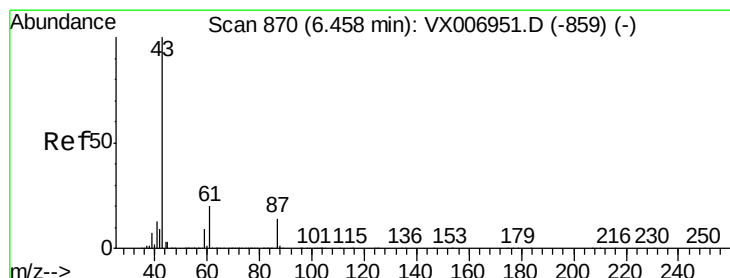
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#43

Isopropyl Acetate

Concen: 1.551 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007269.D

Acq: 28 Jan 2019 18:58

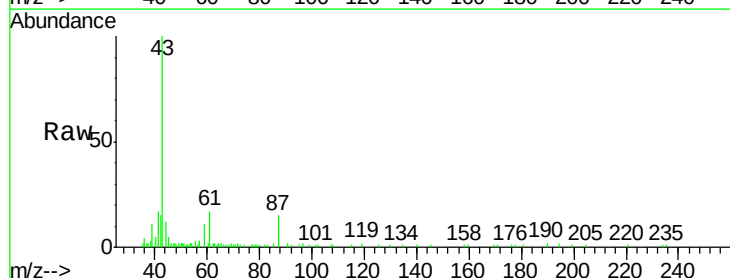
Tgt Ion: 43 Resp: 18844

Ion Ratio Lower Upper

43 100

61 22.3 16.8 25.2

87 11.8 12.4 18.6#

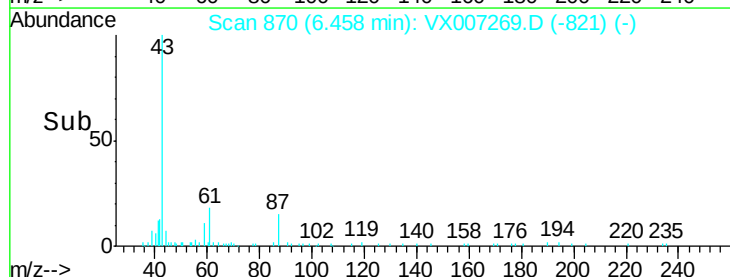


Abundance Ion 43.00 (42.70 to 43.70): VX0

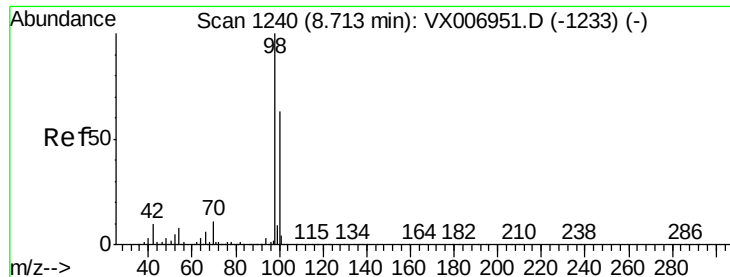
Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 52.702 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007269.D

Acq: 28 Jan 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

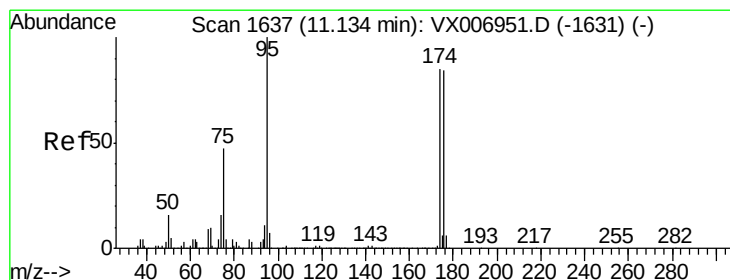
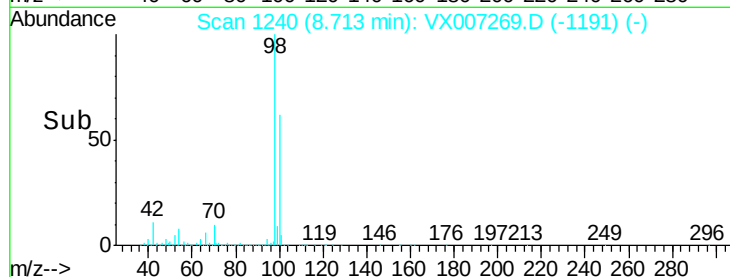
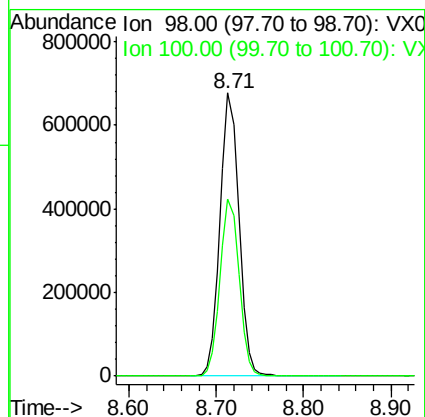
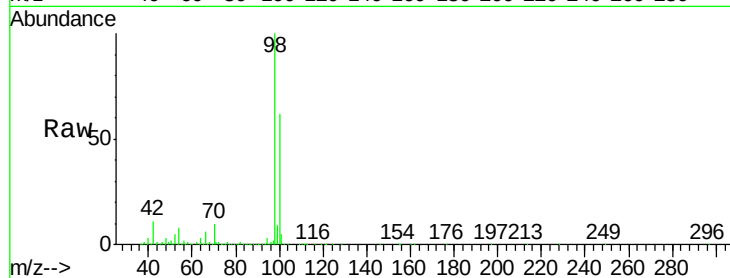
OR-01-012519-A

Tot Ion: 98 Resp: 1020985

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.233 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007269.D

Acq: 28 Jan 2019 18:58

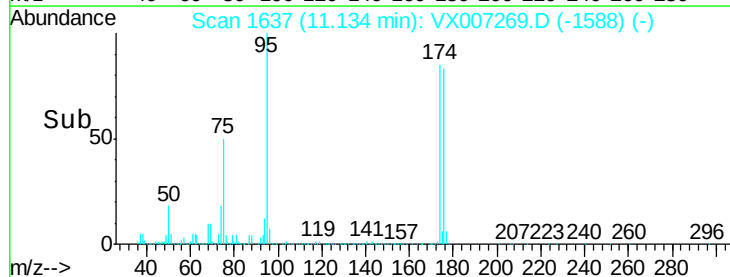
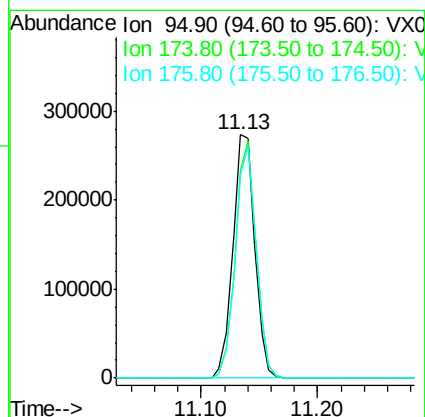
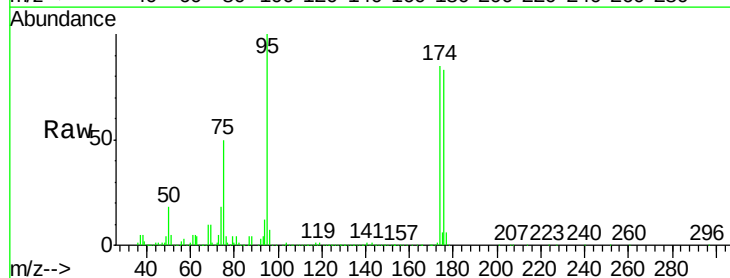
Tgt Ion: 95 Resp: 359521

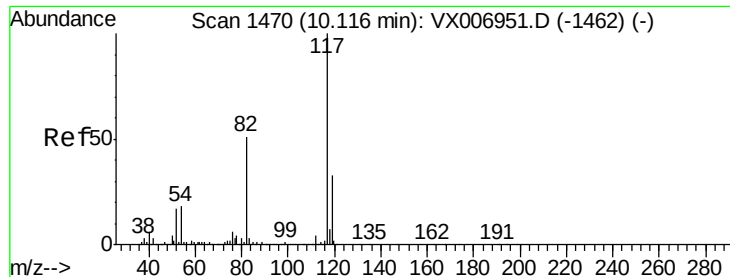
Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

176 91.1 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007269.D

Acq: 28 Jan 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

OR-01-012519-A

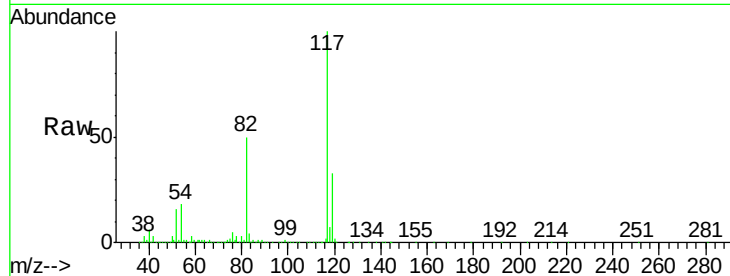
Tot Ion:117 Resp: 792037

Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.6

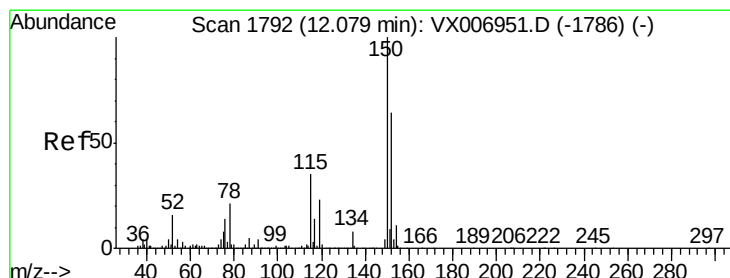
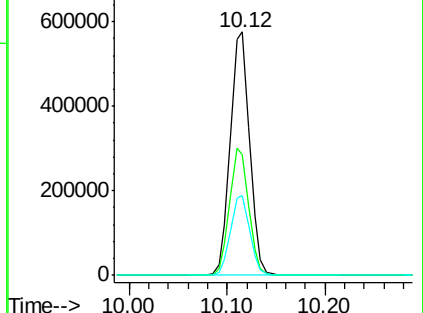
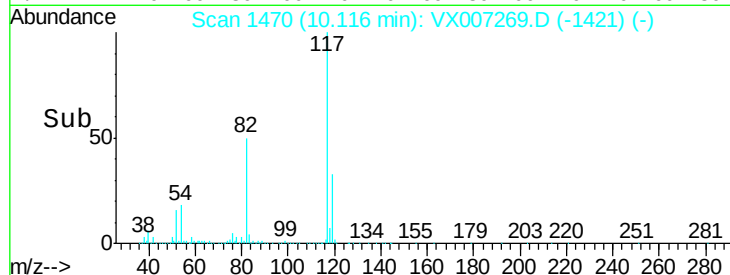
119 32.7 25.4 38.0



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: VX007269.D

Acq: 28 Jan 2019 18:58

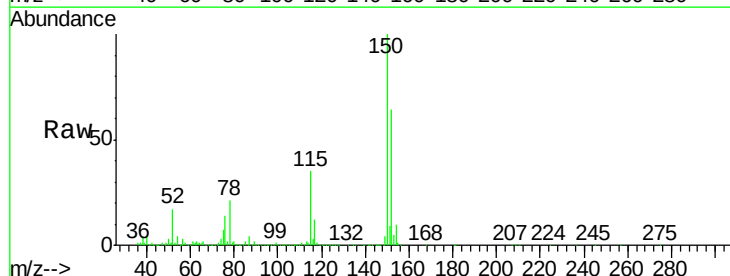
Tgt Ion:152 Resp: 387742

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.2

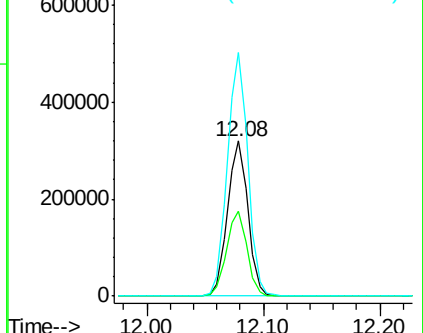
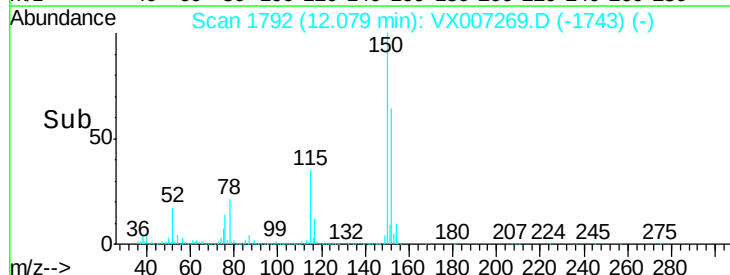
150 157.5 0.0 344.8

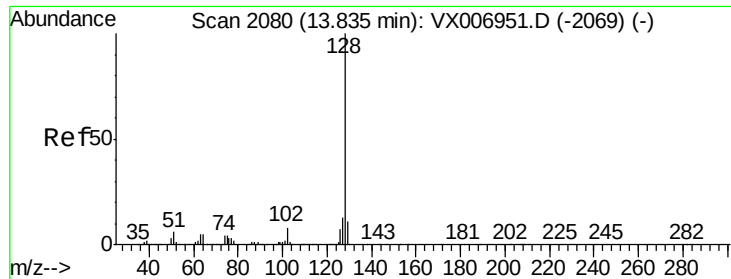


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

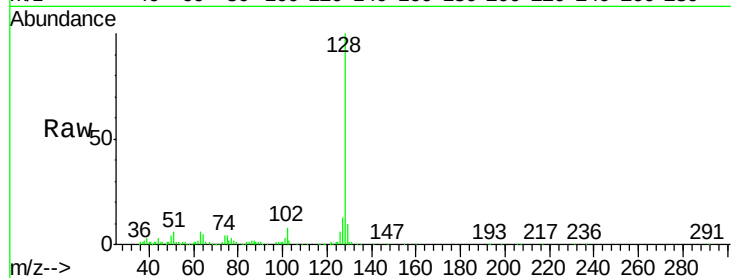




#95
Naphthalene
Concen: 1.287 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007269.D
Acq: 28 Jan 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
OR-01-012519-A

Tot Ion:128 Resp: 35953
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.9 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

