

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006917.D
 Acq On : 04 Jan 2019 16:58
 Operator : JC/MD
 Sample : K1040-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200030-RBR-200028-RT-3483

Quant Time: Jan 04 22:54:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

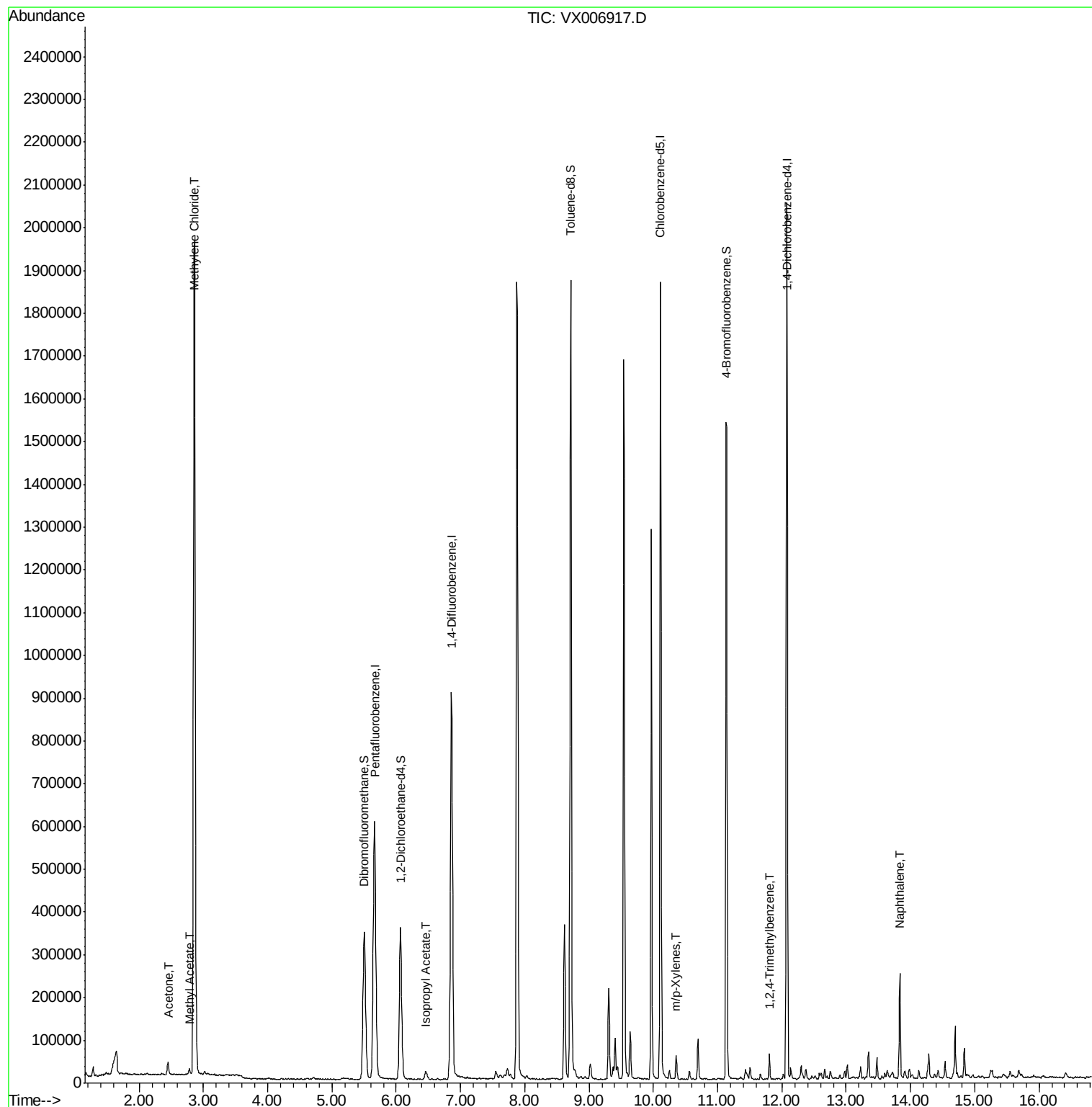
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	624857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	965069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	909221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	328550	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	5.50	113	296178	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	1160605	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	410428	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
16) Acetone	2.45	43	33424	10.803	ug/l	99
18) Methyl Acetate	2.78	43	16093	1.769	ug/l	93
20) Methylene Chloride	2.86	84	941010	147.082	ug/l	98
43) Isopropyl Acetate	6.46	43	25262	1.996	ug/l	97
68) m/p-Xylenes	10.35	106	14297	1.153	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	26273	1.017	ug/l	99
95) Naphthalene	13.83	128	153438	4.793	ug/l	100

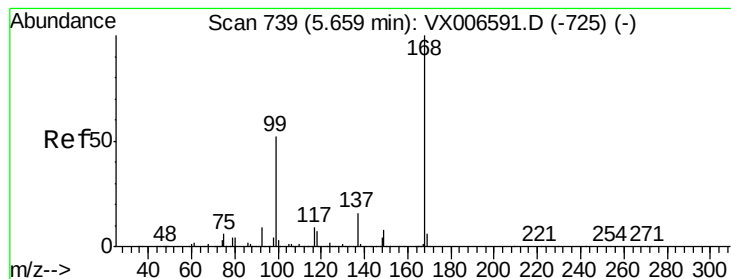
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RBR-200030-RBR-200028-RT-3483

Quant Time: Jan 04 22:54:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

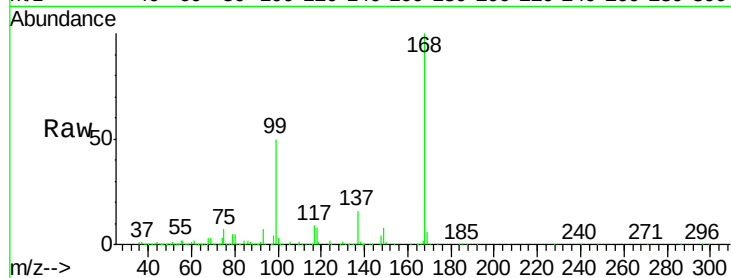
RBR-200030-RBR-200028-RT-3483

Tot Ion:168 Resp: 624857

Ion Ratio Lower Upper

168 100

99 49.7 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

250000

200000

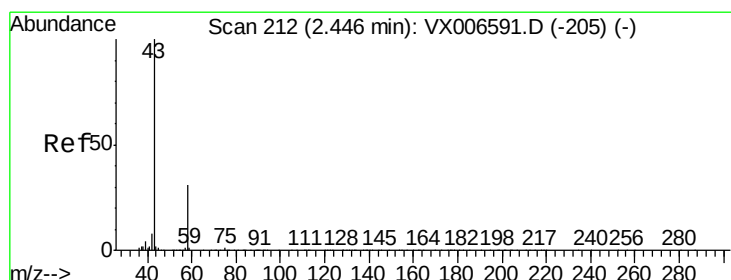
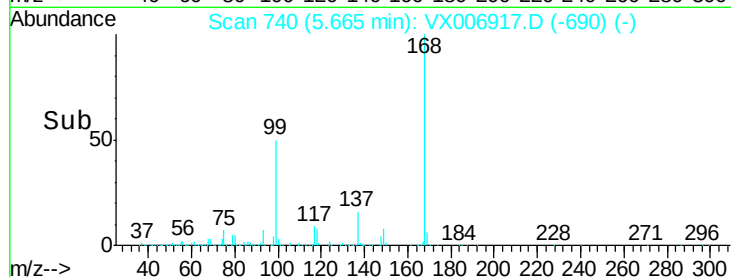
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.803 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006917.D

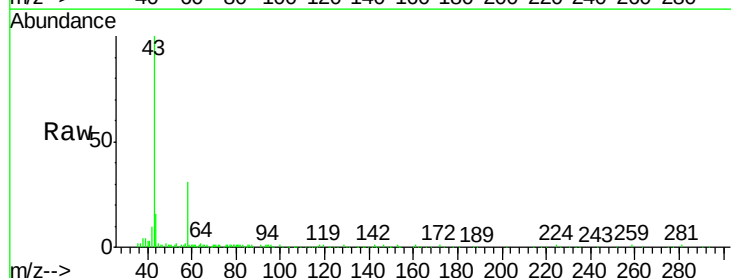
Acq: 04 Jan 2019 16:58

Tgt Ion: 43 Resp: 33424

Ion Ratio Lower Upper

43 100

58 31.0 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

20000

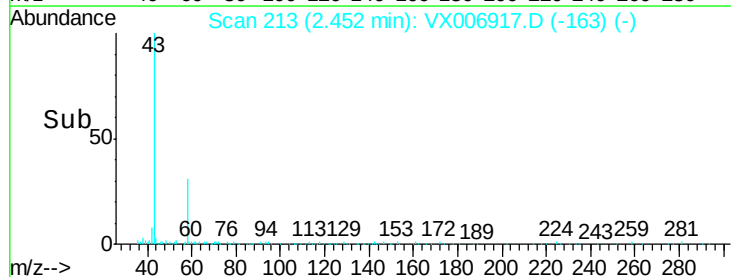
15000

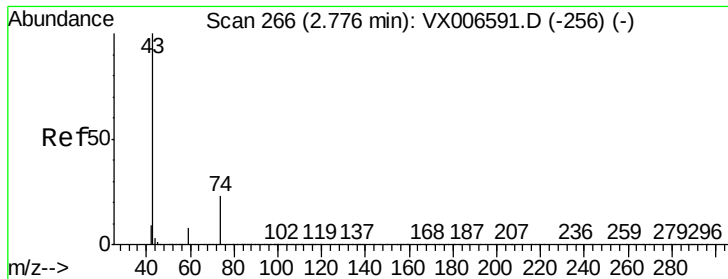
10000

5000

0

Time-->

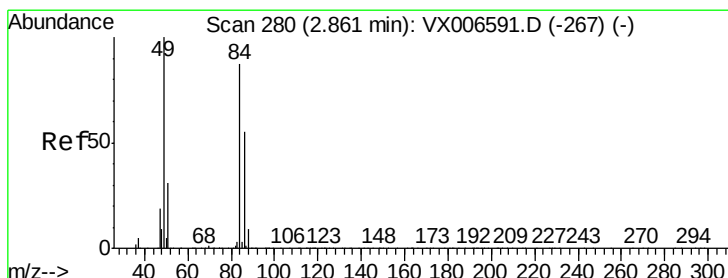
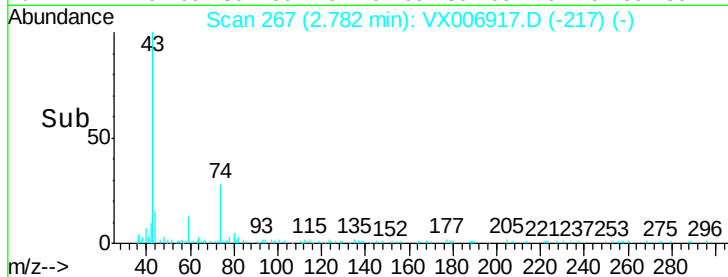
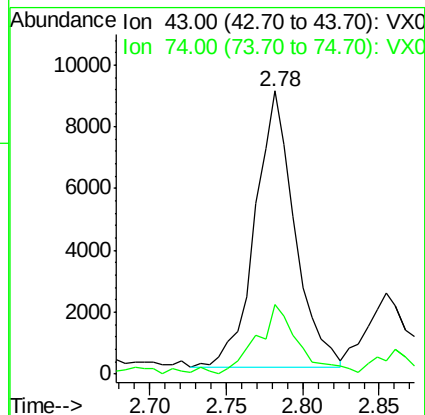
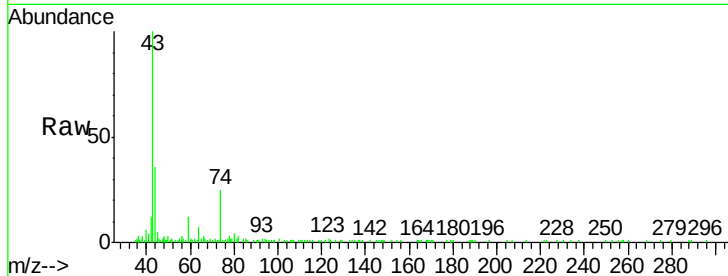




#18
Methvl Acetate
Concen: 1.769 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

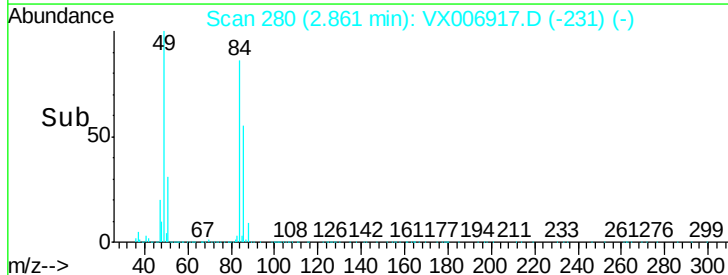
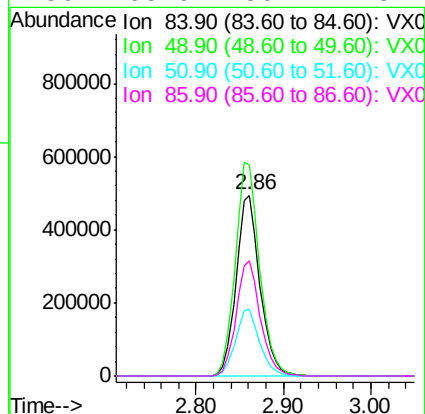
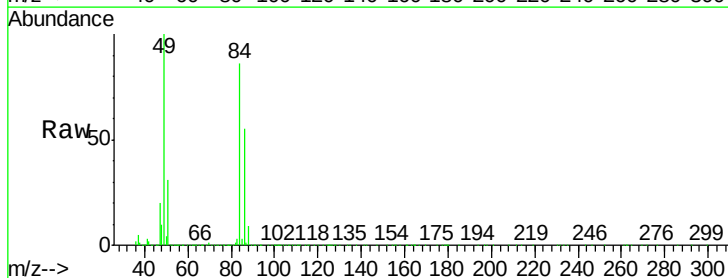
Instrument :
MSVOA_X
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

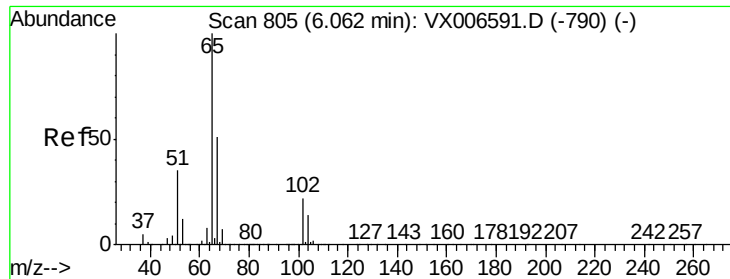
Tot Ion: 43 Resp: 16093
Ion Ratio Lower Upper
43 100
74 26.5 18.6 28.0



#20
Methylene Chloride
Concen: 147.082 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

Tgt Ion: 84 Resp: 941010
Ion Ratio Lower Upper
84 100
49 116.8 91.8 137.6
51 36.4 28.5 42.7
86 63.9 50.2 75.2

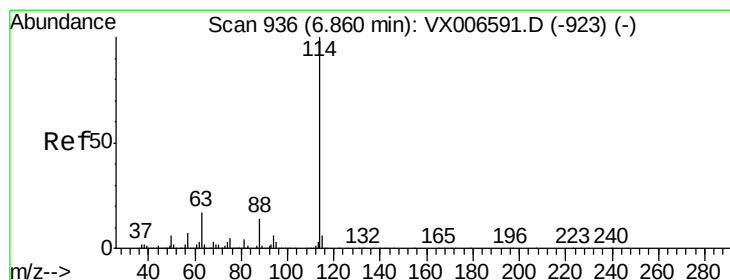
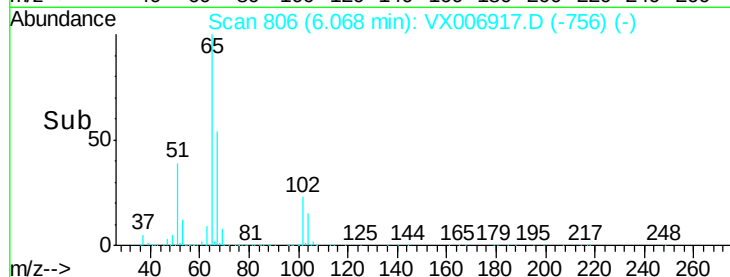
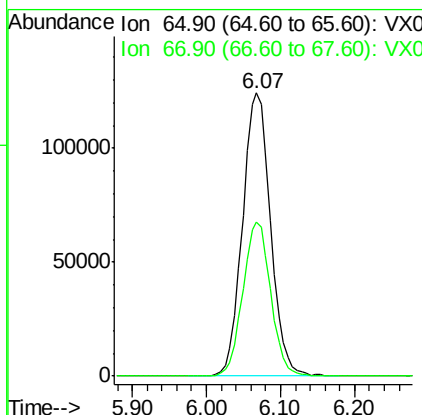
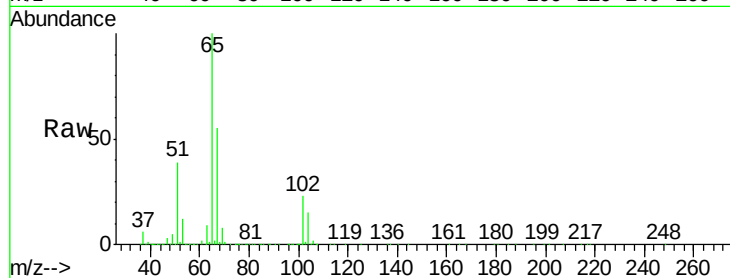




#33
 1,2-Dichloroethane-d4
 Concen: 48.787 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006917.D
 Acq: 04 Jan 2019 16:58

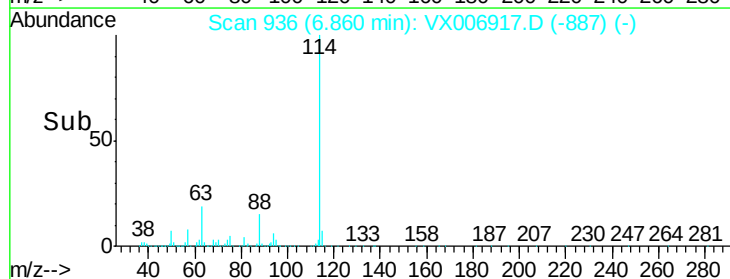
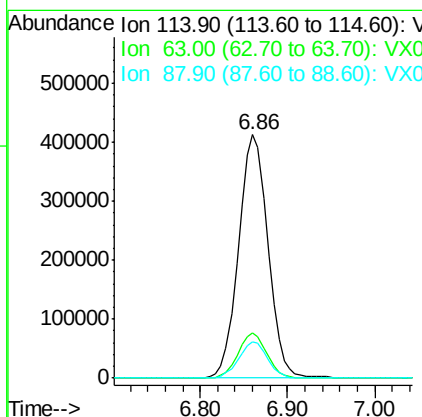
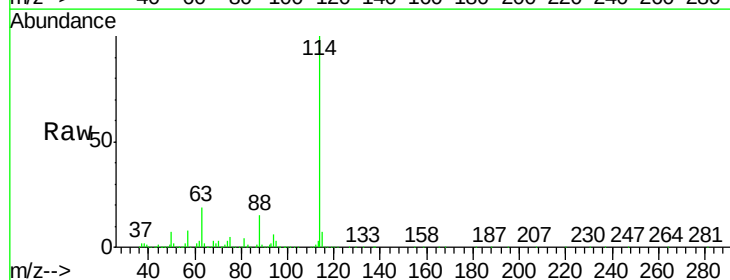
Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200030-RBR-200028-RT-3483

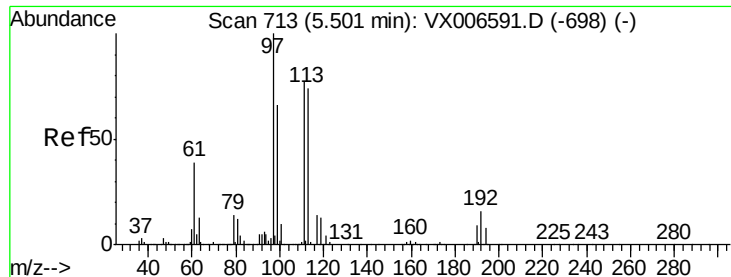
Tot Ion: 65 Resp: 328550
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006917.D
 Acq: 04 Jan 2019 16:58

Tgt Ion: 114 Resp: 965069
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.8
 88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.531 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

RBR-200030-RBR-200028-RT-3483

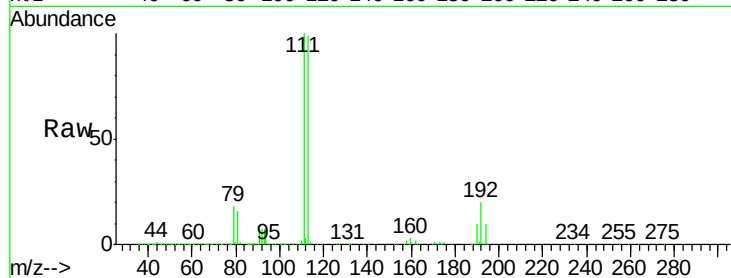
Tot Ion:113 Resp: 296178

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

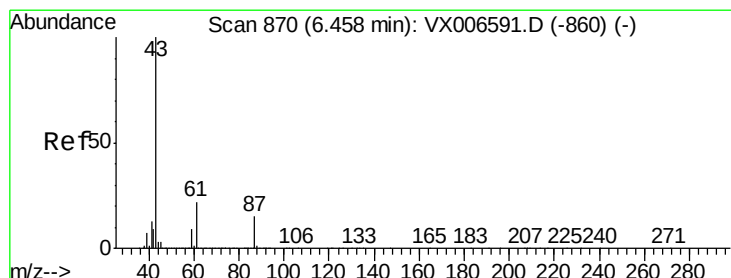
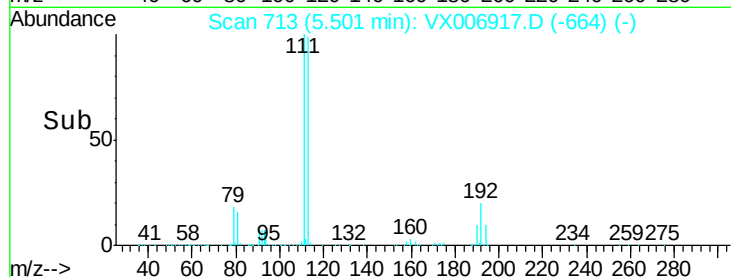
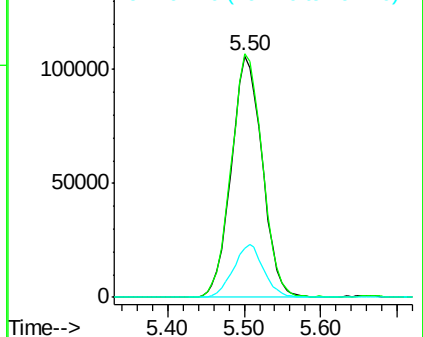
192 21.5 16.7 25.1



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



#43

Isopropyl Acetate

Concen: 1.996 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

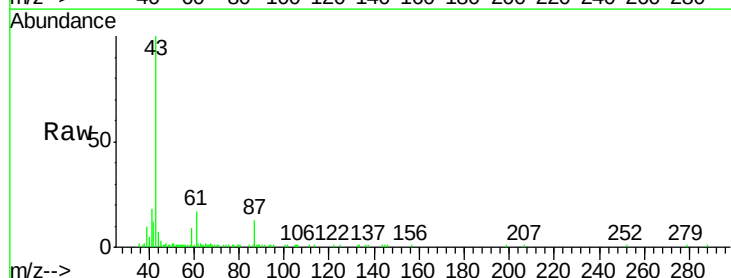
Tgt Ion: 43 Resp: 25262

Ion Ratio Lower Upper

43 100

61 22.4 16.8 25.2

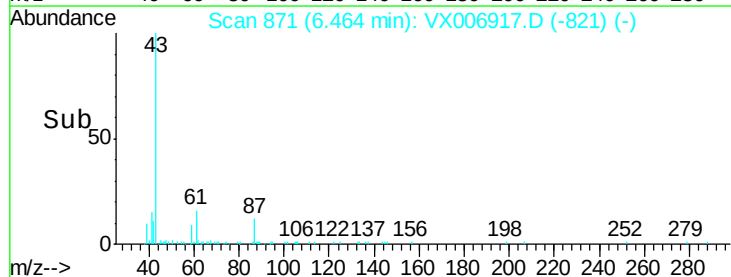
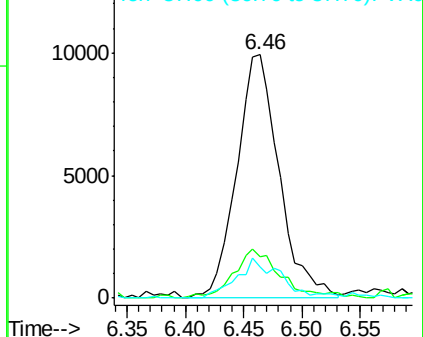
87 16.3 12.4 18.6

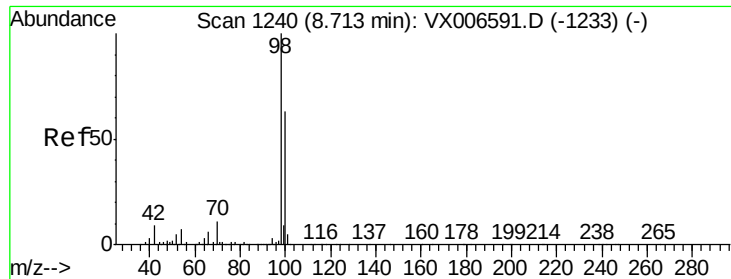


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.443 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

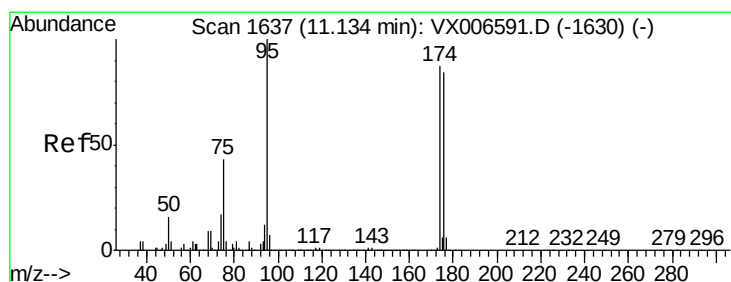
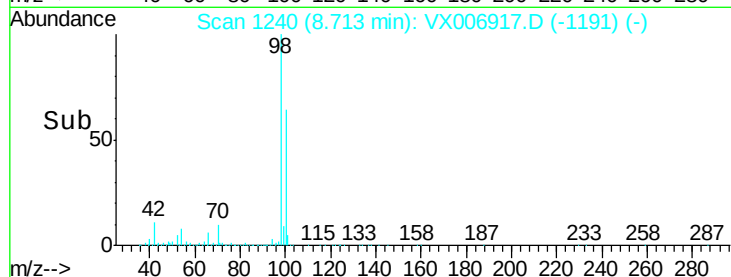
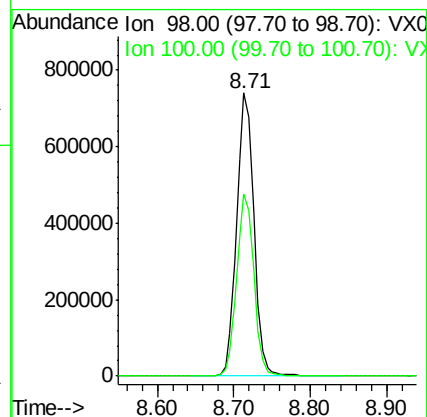
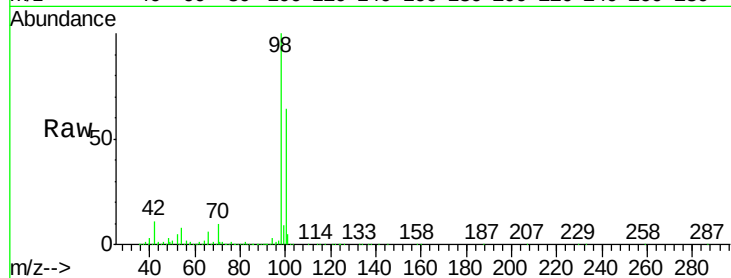
RBR-200030-RBR-200028-RT-3483

Tot Ion: 98 Resp: 1160605

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.706 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

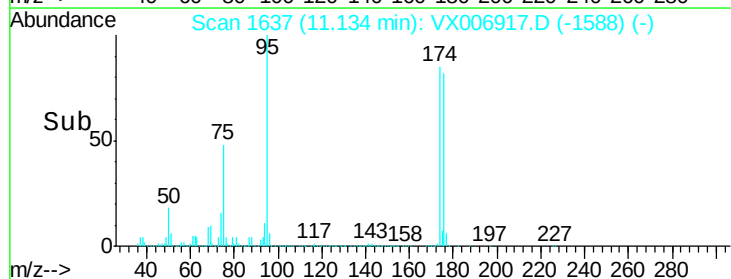
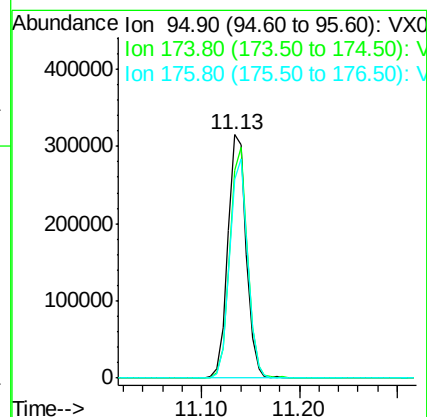
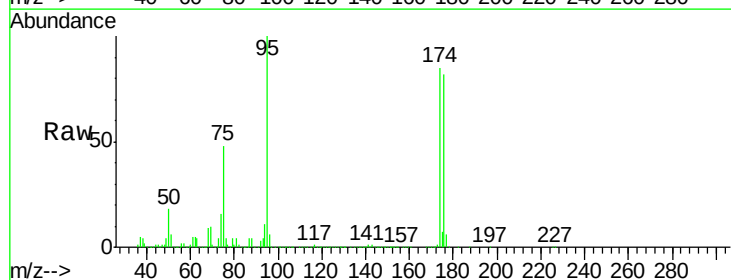
Tgt Ion: 95 Resp: 410428

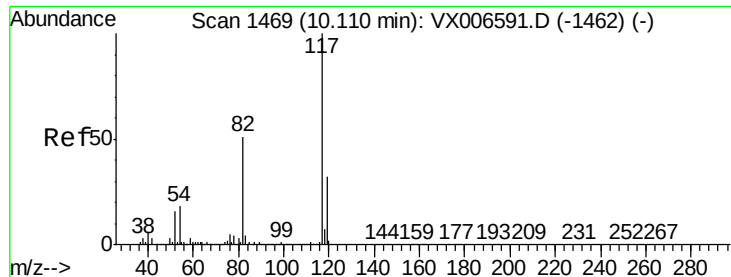
Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.2

176 88.8 0.0 178.8

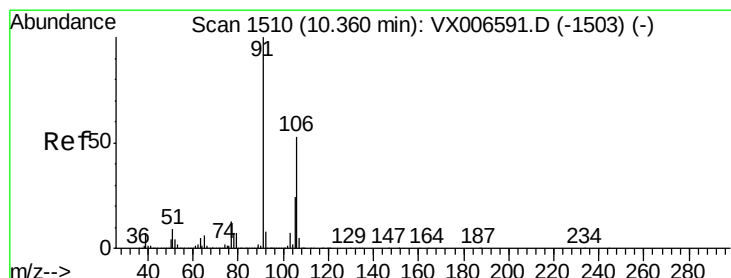
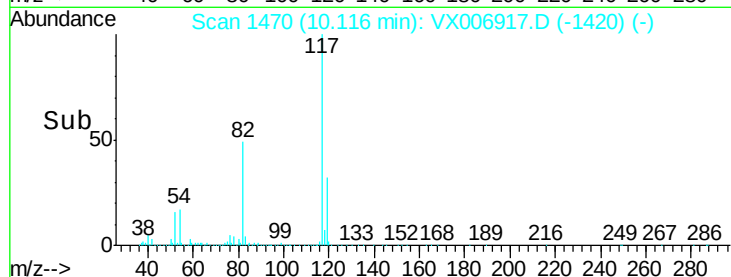
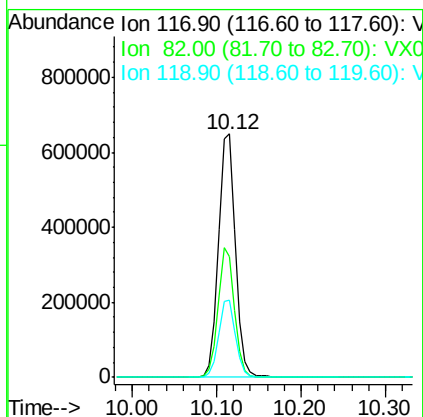
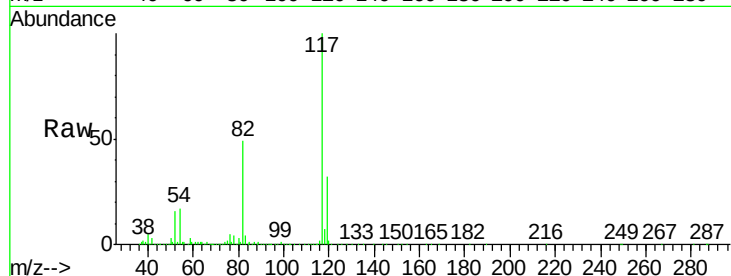




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

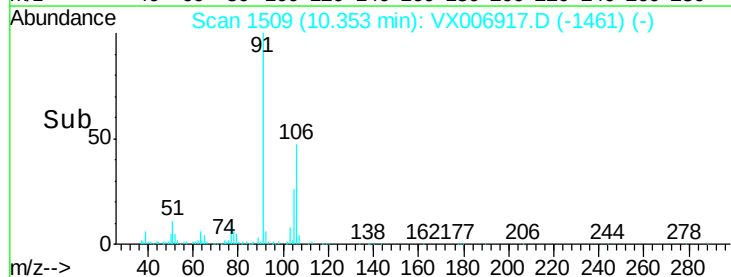
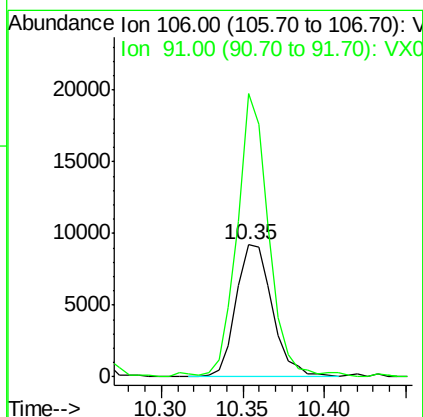
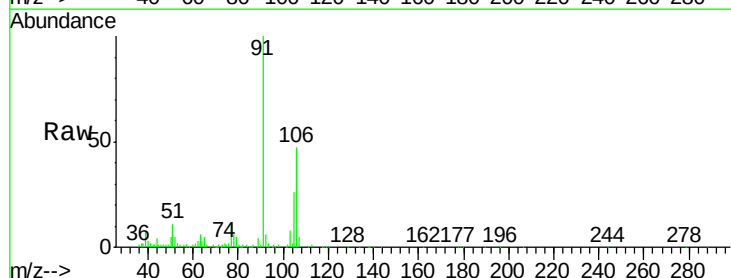
Instrument :
MSVOA_X
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

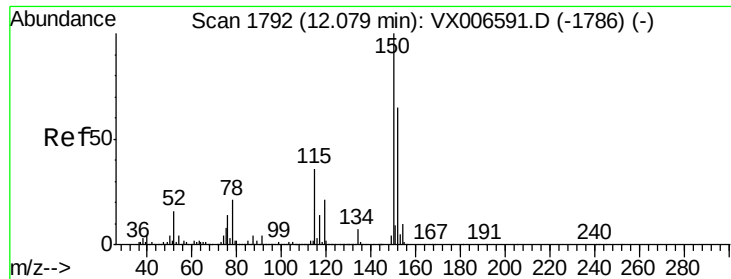
Tot Ion:117 Resp: 909221
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 1.153 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

Tgt Ion:106 Resp: 14297
Ion Ratio Lower Upper
106 100
91 187.6 155.8 233.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

RBR-200030-RBR-200028-RT-3483

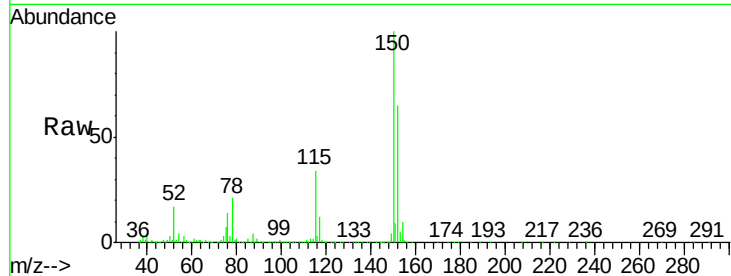
Tot Ion:152 Resp: 436068

Ion Ratio Lower Upper

152 100

115 54.0 39.1 117.2

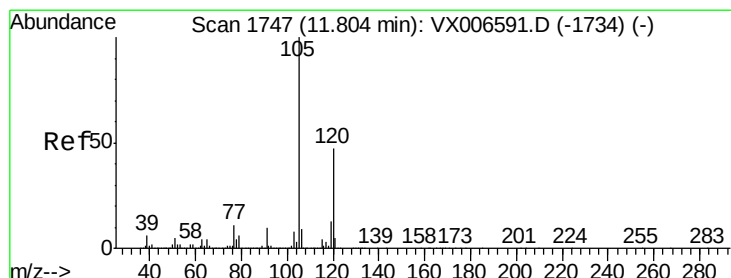
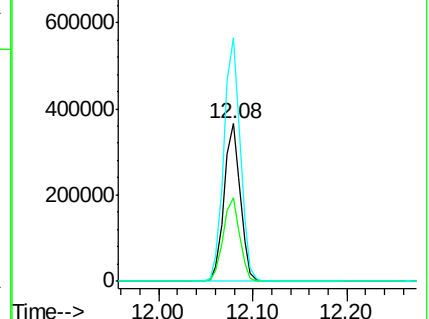
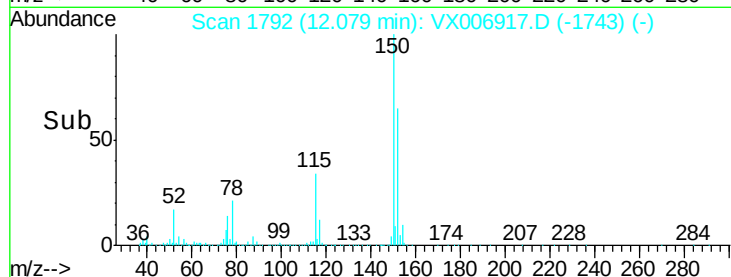
150 157.1 0.0 344.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.017 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006917.D

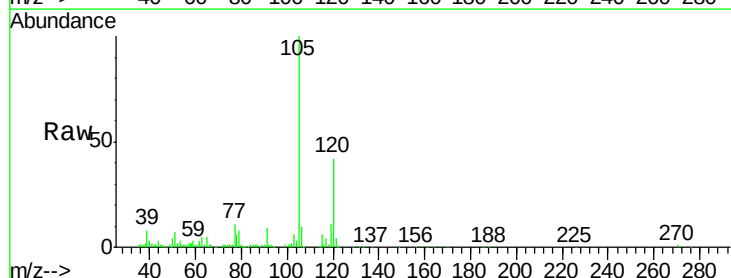
Acq: 04 Jan 2019 16:58

Tgt Ion:105 Resp: 26273

Ion Ratio Lower Upper

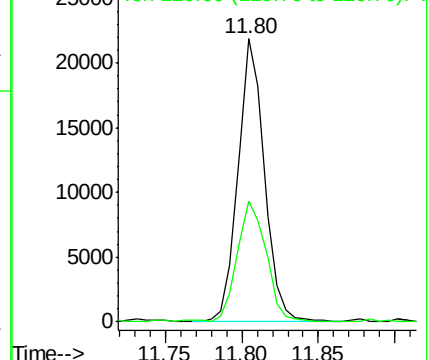
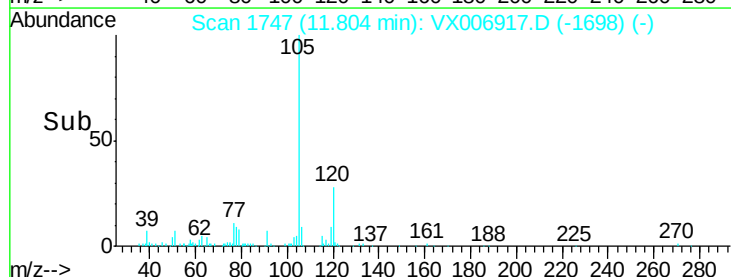
105 100

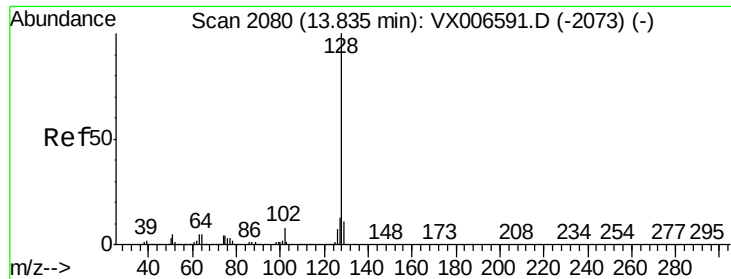
120 47.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 4.793 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.9	8.6	13.0

