

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 22:19:32 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

					Qvalue	
3) Chloromethane	1.33	50	2276	0.370	ug/l #	82
5) Bromomethane	1.64	94	2509	Below Cal	#	75
11) Tert butyl alcohol	3.03	59	4069	2.707	ug/l #	86
13) Acrolein	2.28	56	500	0.493	ug/l #	13
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
25) 2-Butanone	4.69	43	2237	0.514	ug/l #	85
28) Bromochloromethane	5.03	49	346	Below Cal	#	30
29) Tetrahydrofuran	5.17	42	1530	0.534	ug/l #	72
30) Chloroform	5.21	83	2221	0.209	ug/l	84
31) Cyclohexane	5.65	56	10511	1.127	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	40509	5.068	ug/l #	49
38) Carbon Tetrachloride	5.67	117	56850	7.319	ug/l #	15
43) Isopropyl Acetate	6.46	43	25262	1.996	ug/l	97
48) Methyl methacrylate	7.68	41	12941	2.010	ug/l #	11
49) 1,4-Dioxane	7.77	88	88	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	119610	14.851	ug/l #	48
52) Toluene	8.78	92	4086	0.260	ug/l #	68
54) cis-1,3-Dichloropropene	8.62	75	59142	6.961	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	14732	1.425	ug/l #	47
59) 2-Hexanone	9.54	43	186418	30.252	ug/l #	51
60) Dibromochloromethane	9.65	129	70	2.334	ug/l	84
67) Ethyl Benzene	10.25	91	10512	0.334	ug/l	94
68) m/p-Xylenes	10.35	106	14297	1.153	ug/l	95
69) o-Xylene	10.70	106	4930	0.403	ug/l	97
71) Bromoform	10.65	173	109	4.478	ug/l #	28
74) N-amyl acetate	10.69	43	17182	1.609	ug/l #	55
76) 1,2,3-Trichloropropane	11.13	75	192106	23.705	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	10661	0.434	ug/l	87
81) trans-1,4-Dichloro-2-buten	11.13	75	192106	70.267	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	26273	1.017	ug/l	99
90) Hexachloroethane	12.60	117	911	3.498	ug/l #	10
95) Naphthalene	13.83	128	153438	4.793	ug/l	100

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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

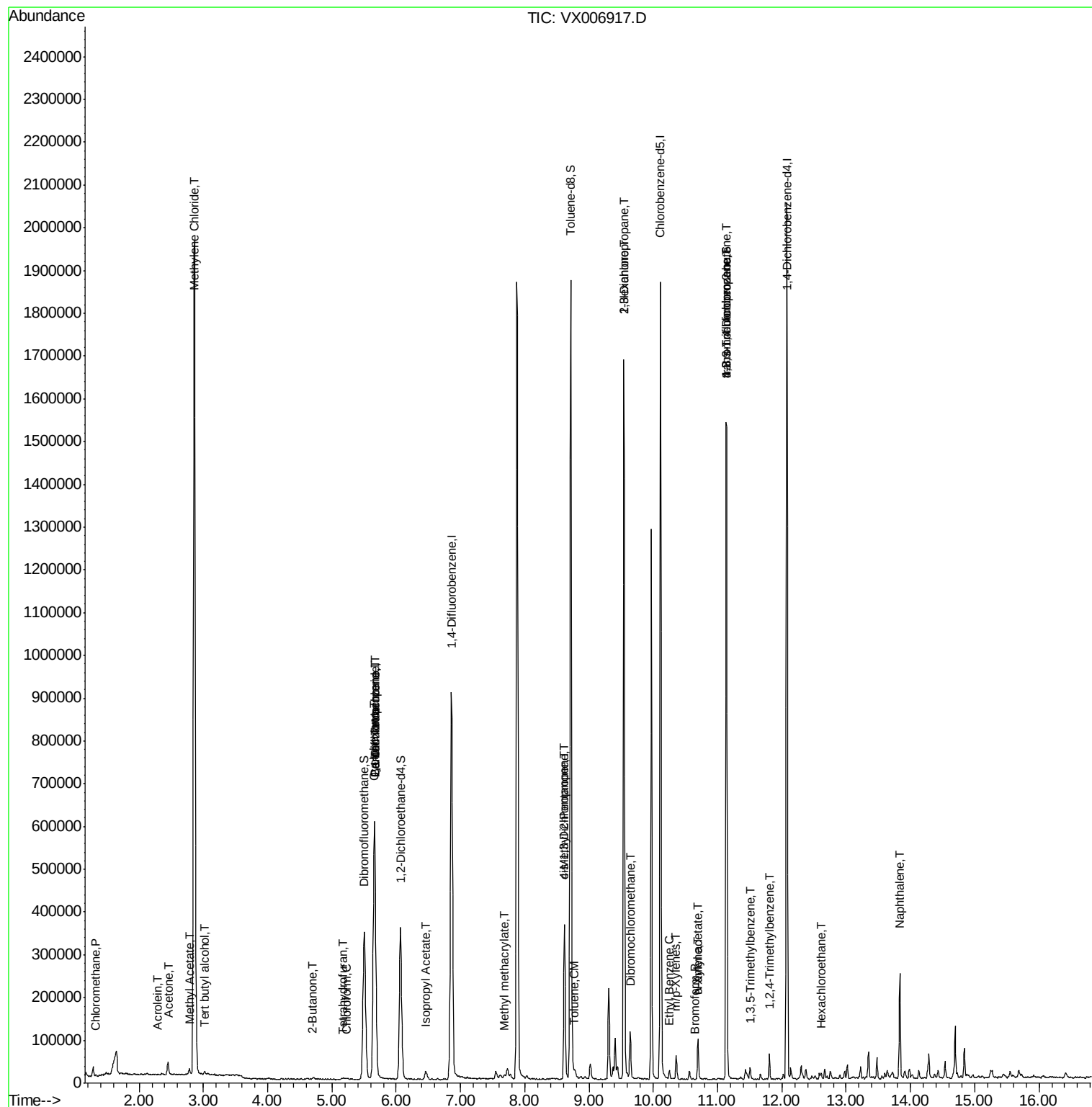
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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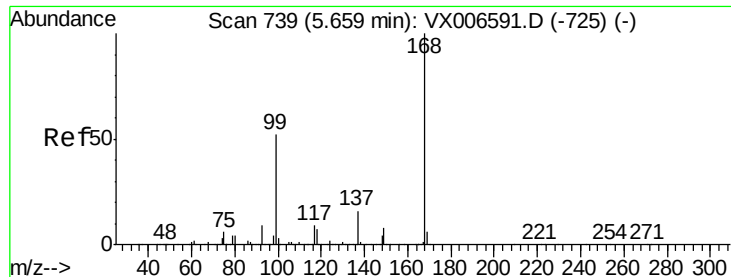
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

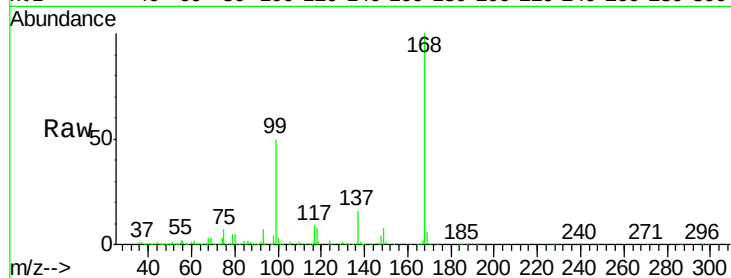
RBR-200030-RBR-200028-RT-3483

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

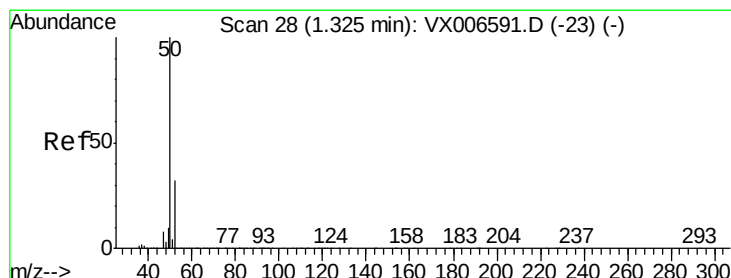
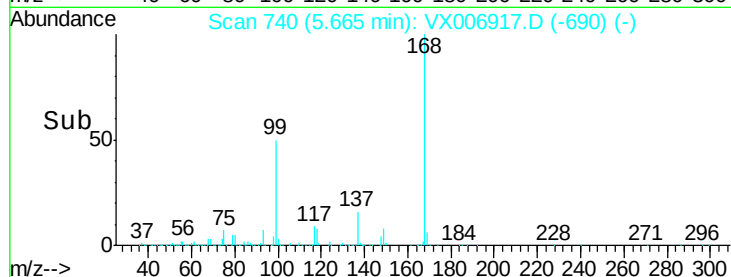
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.370 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006917.D

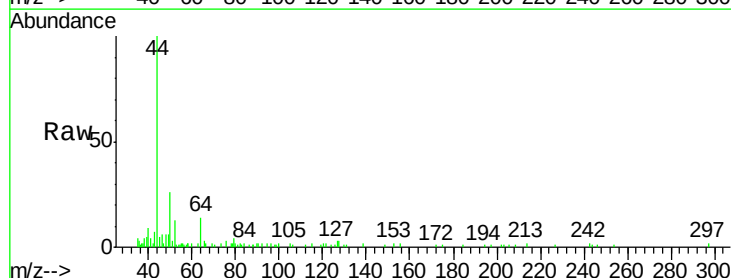
Acq: 04 Jan 2019 16:58

Tgt Ion: 50 Resp: 2276

Ion Ratio Lower Upper

50 100

52 41.9 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

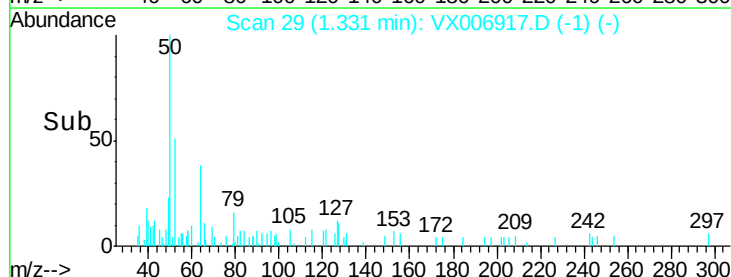
1500

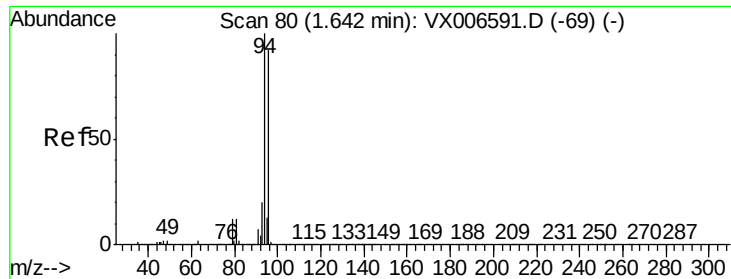
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

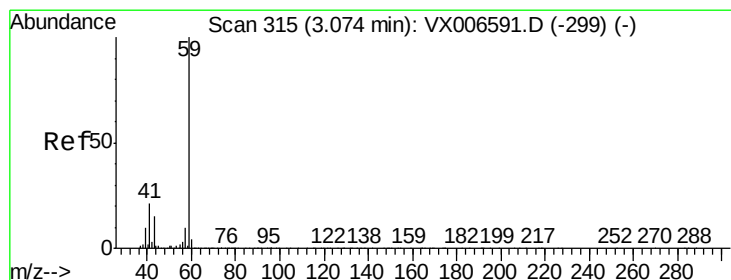
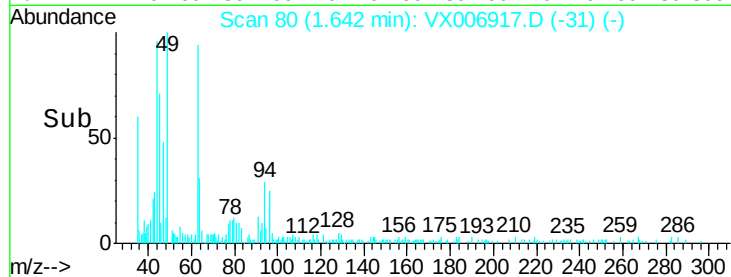
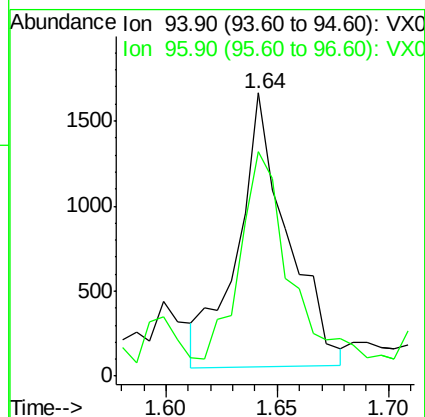
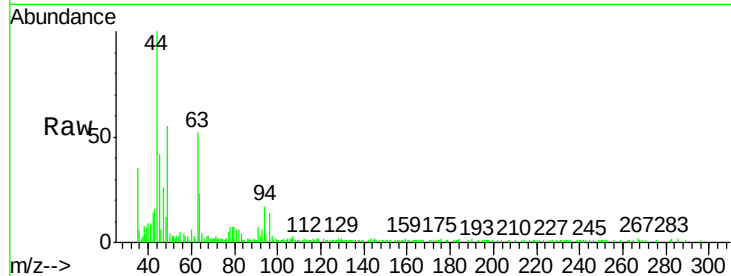
RBR-200030-RBR-200028-RT-3483

Tot Ion: 94 Resp: 2509

Ion Ratio Lower Upper

94 100

96 68.3 73.4 110.2#



#11

Tert butyl alcohol

Concen: 2.707 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006917.D

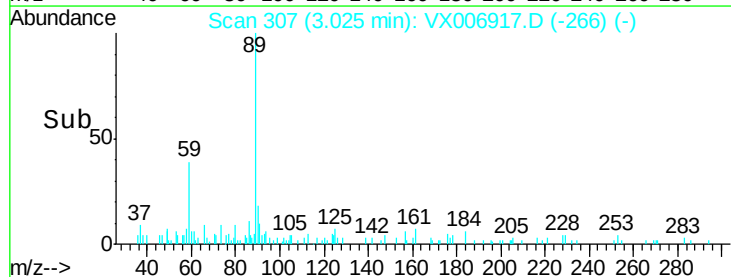
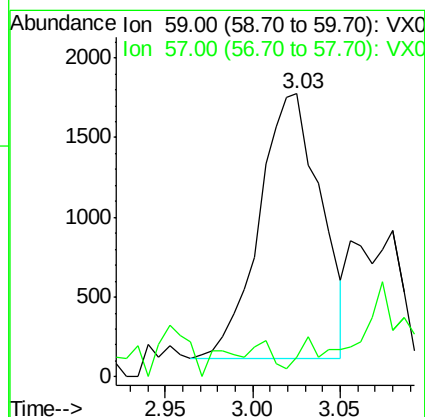
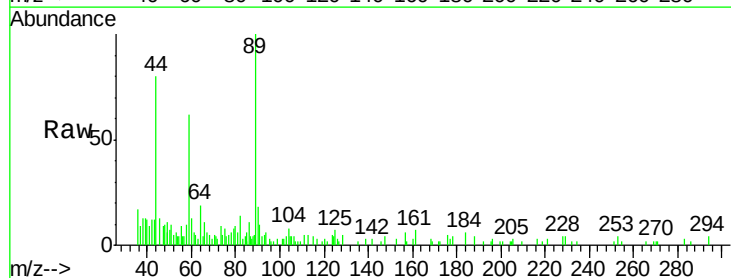
Acq: 04 Jan 2019 16:58

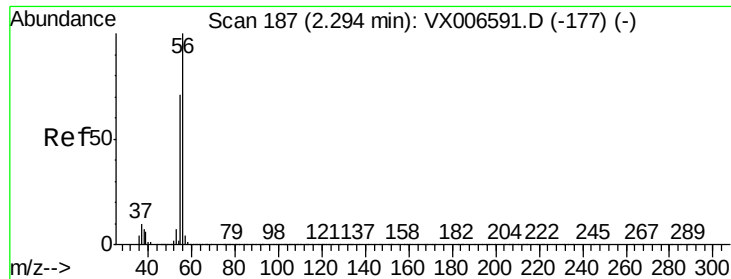
Tgt Ion: 59 Resp: 4069

Ion Ratio Lower Upper

59 100

57 5.2 8.5 12.7#





#13

Acrolein

Concen: 0.493 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

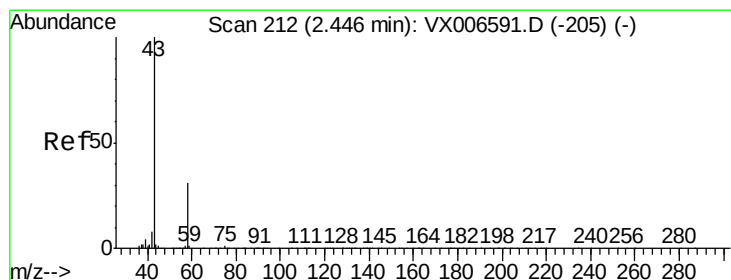
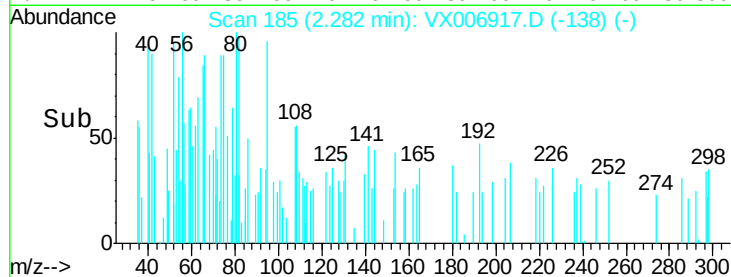
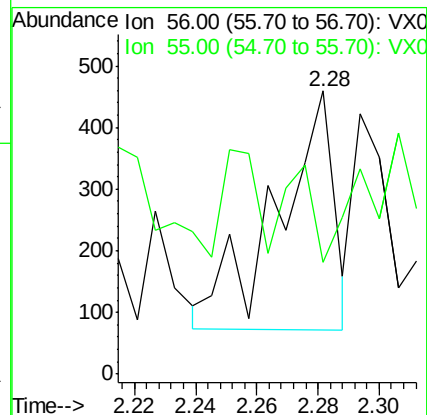
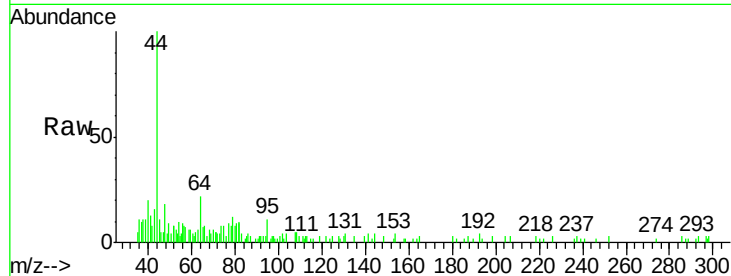
RBR-200030-RBR-200028-RT-3483

Tot Ion: 56 Resp: 500

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#



#16

Acetone

Concen: 10.803 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006917.D

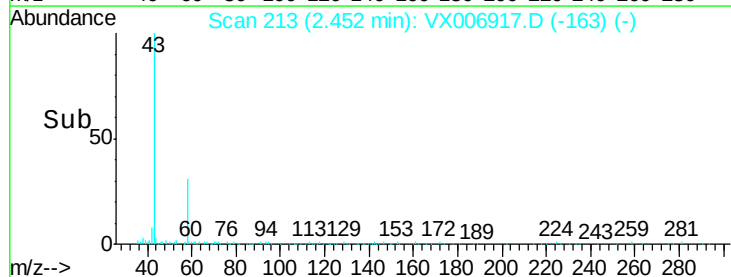
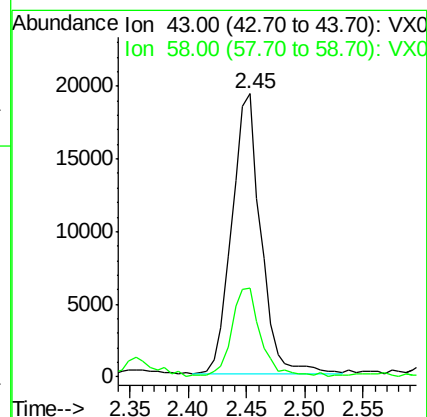
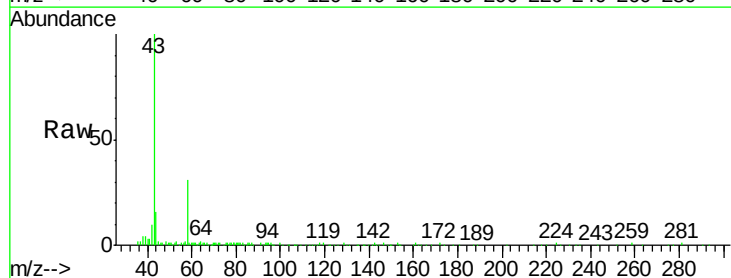
Acq: 04 Jan 2019 16:58

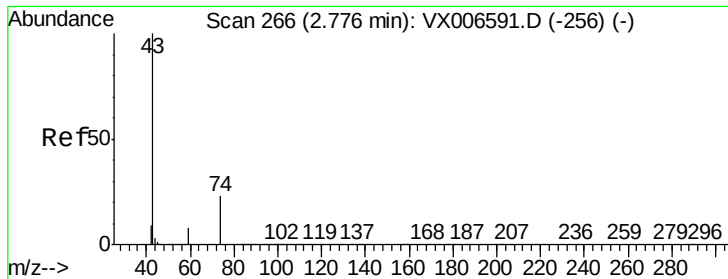
Tgt Ion: 43 Resp: 33424

Ion Ratio Lower Upper

43 100

58 31.0 25.0 37.6

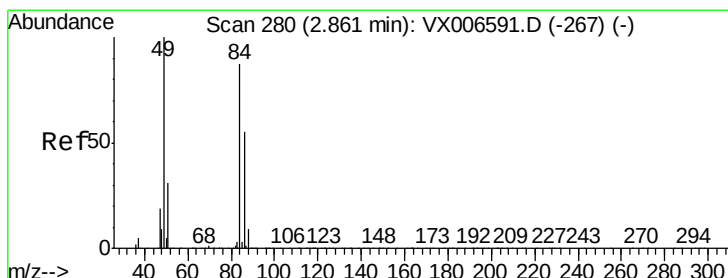
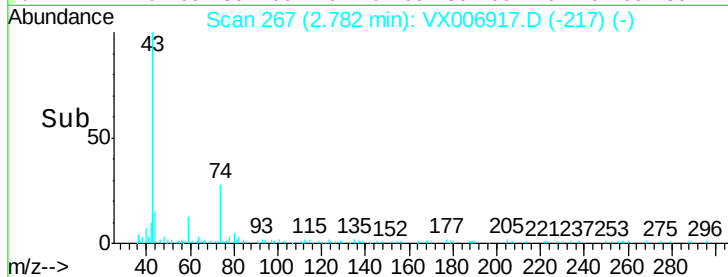
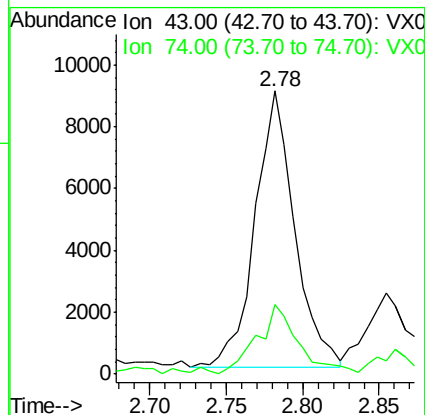
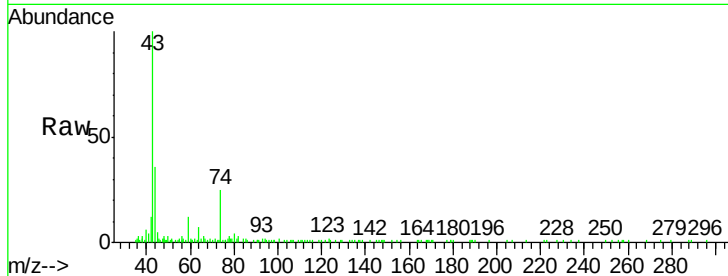




#18
Methyl Acetate
Concen: 1.769 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

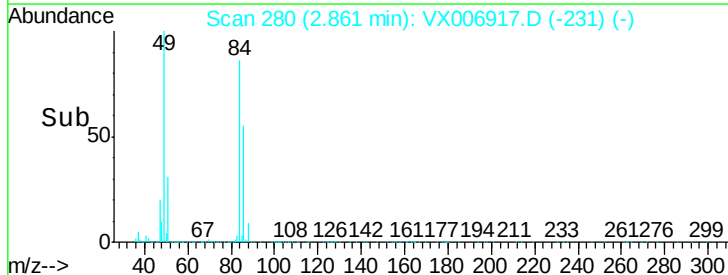
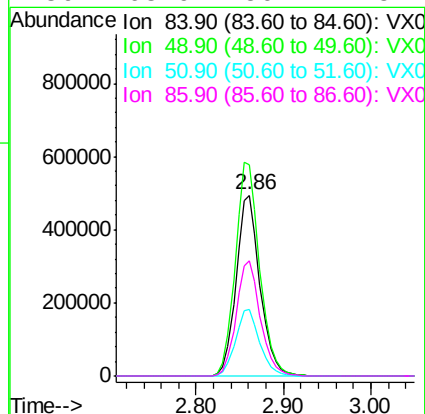
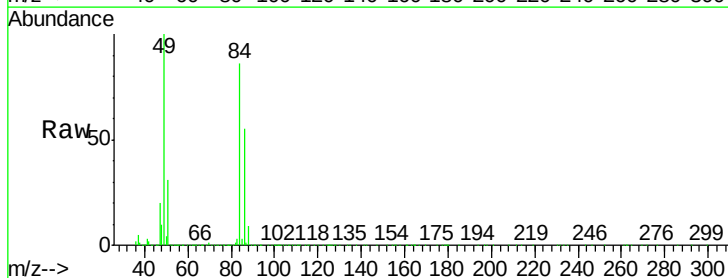
Instrument :
MSVOA_X
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

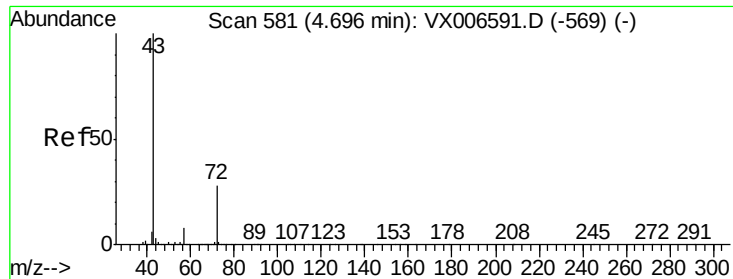
Tot Ion: 43 Resp: 16093
Ion Ratio Lower Upper
43 100
74 26.5 18.6 28.0



#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





#25

2-Butanone

Concen: 0.514 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

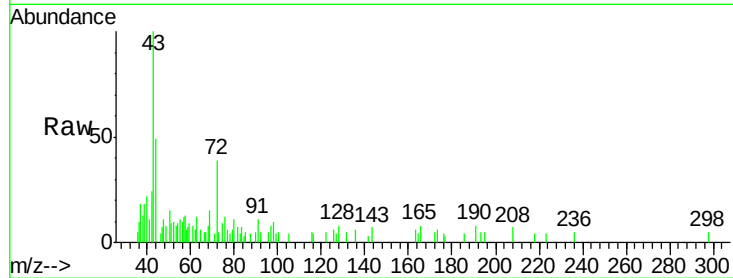
RBR-200030-RBR-200028-RT-3483

Tot Ion: 43 Resp: 2237

Ion Ratio Lower Upper

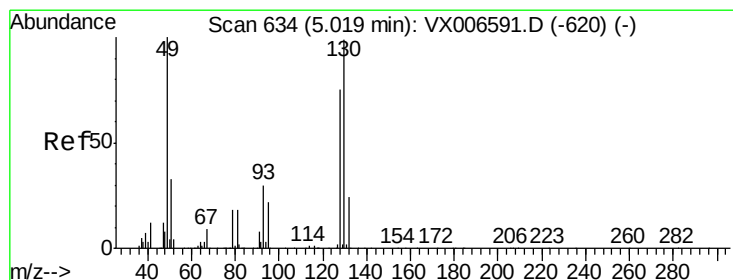
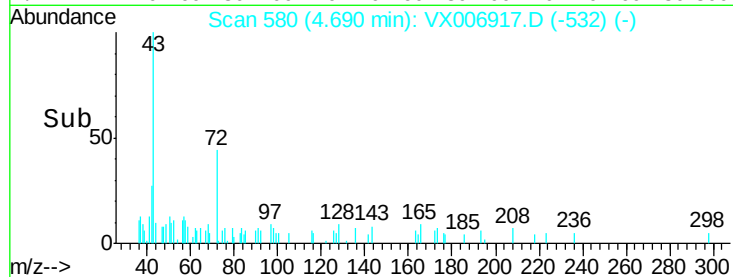
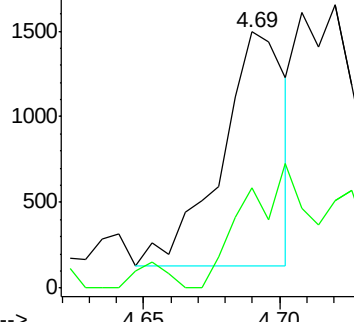
43 100

72 35.6 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 636

Delta R.T. 0.01 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

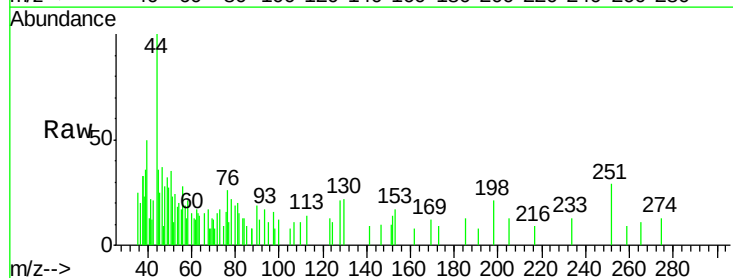
Tgt Ion: 49 Resp: 346

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

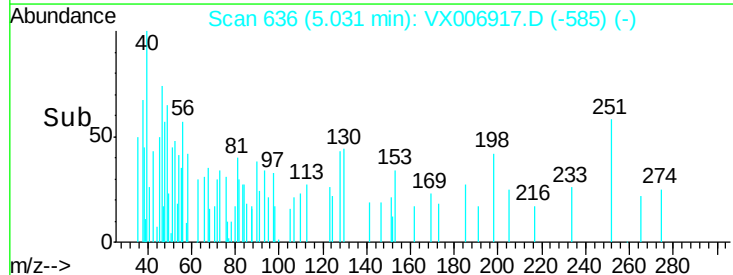
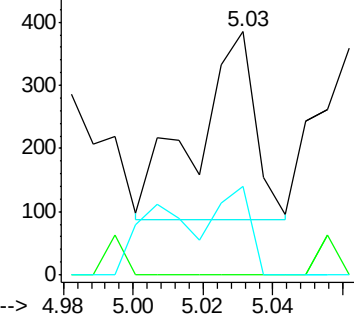
130 26.9 77.7 116.5#

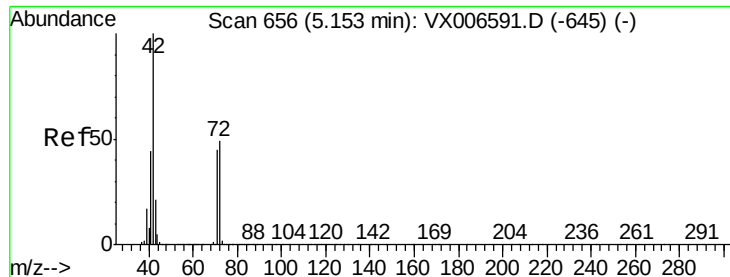


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.534 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

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RBR-200030-RBR-200028-RT-3483

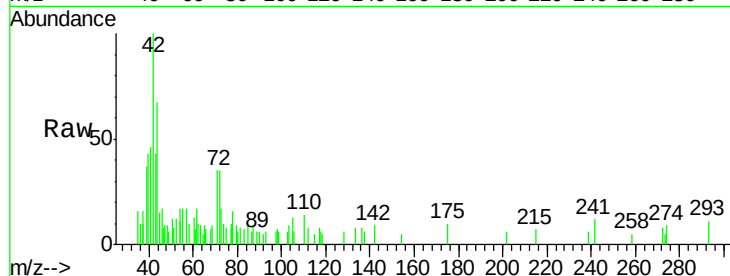
Tot Ion: 42 Resp: 1530

Ion Ratio Lower Upper

42 100

72 62.1 38.9 58.3#

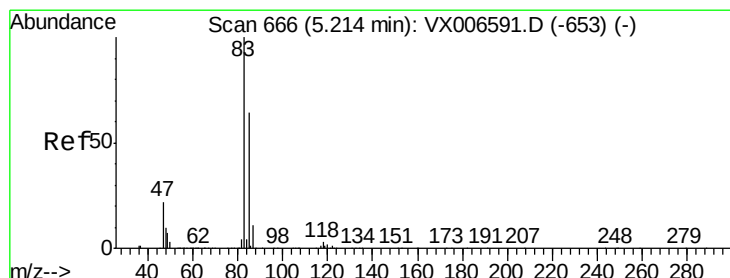
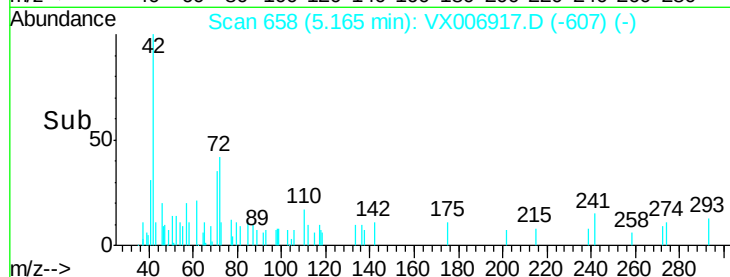
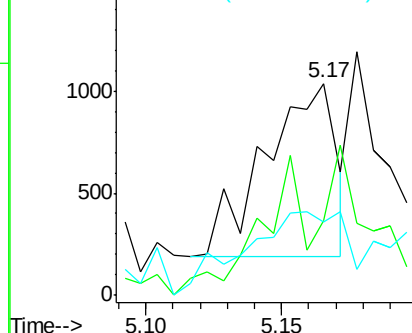
71 69.0 36.2 54.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.209 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006917.D

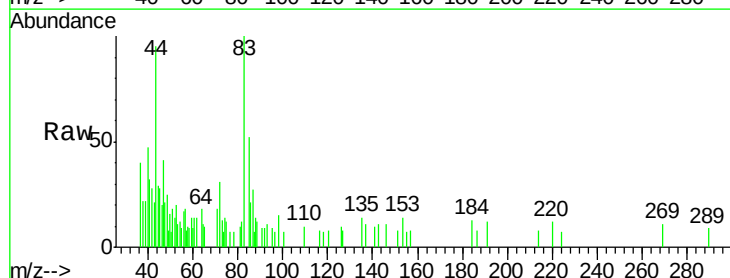
Acq: 04 Jan 2019 16:58

Tgt Ion: 83 Resp: 2221

Ion Ratio Lower Upper

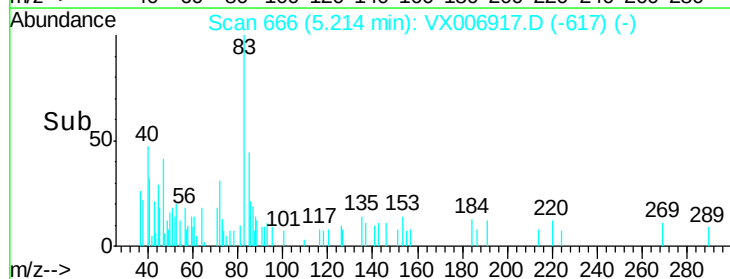
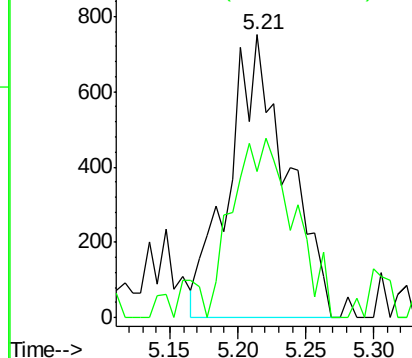
83 100

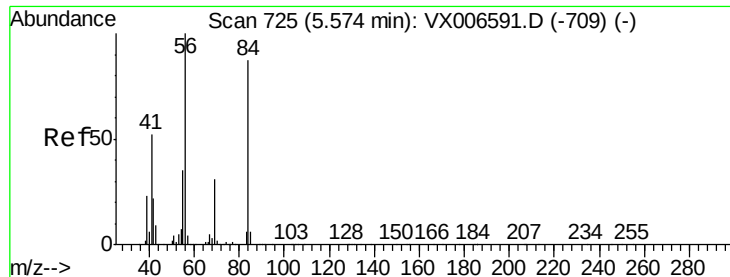
85 51.8 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.127 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.08 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

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RBR-200030-RBR-200028-RT-3483

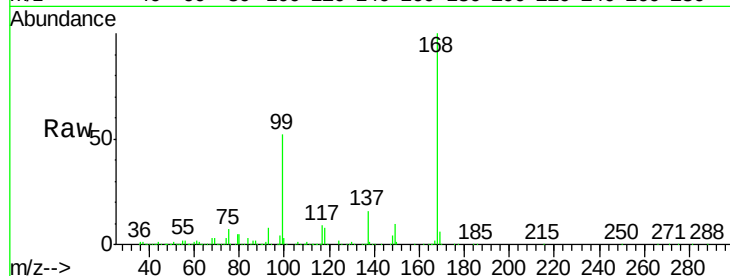
Tot Ion: 56 Resp: 10511

Ion Ratio Lower Upper

56 100

69 164.4 24.4 36.6#

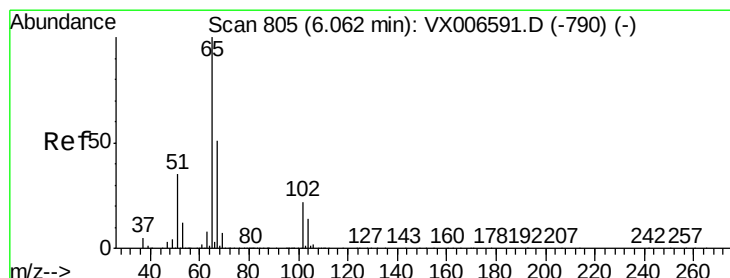
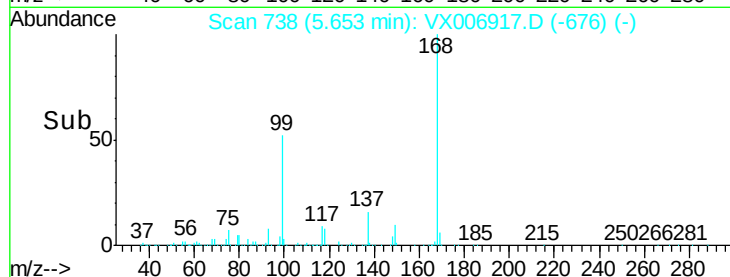
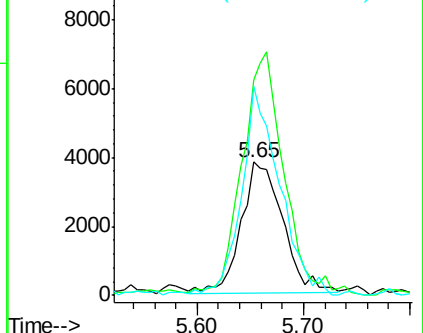
84 162.0 70.0 105.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#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

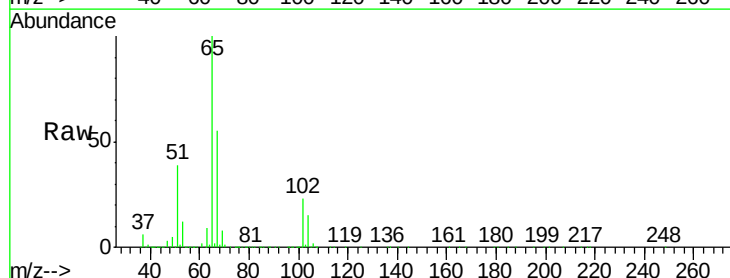
Acq: 04 Jan 2019 16:58

Tgt Ion: 65 Resp: 328550

Ion Ratio Lower Upper

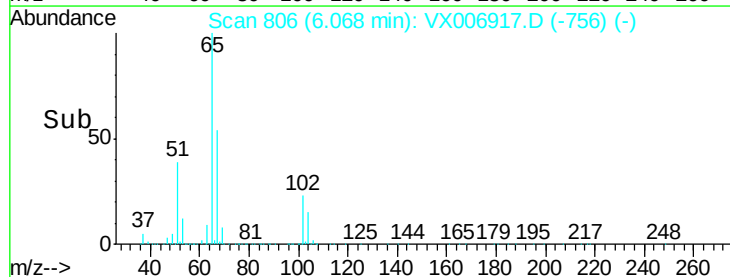
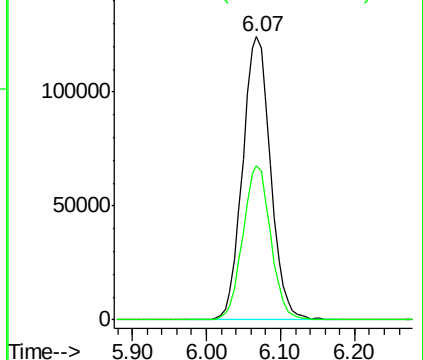
65 100

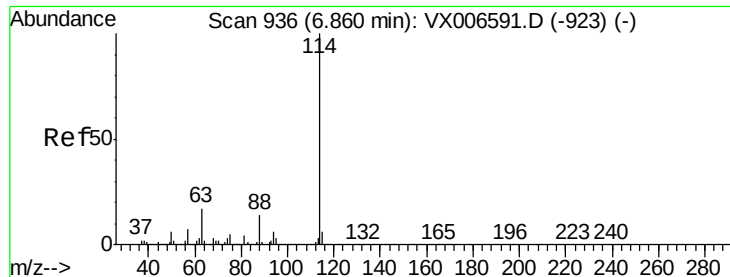
67 54.3 0.0 105.0



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: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

RBR-200030-RBR-200028-RT-3483

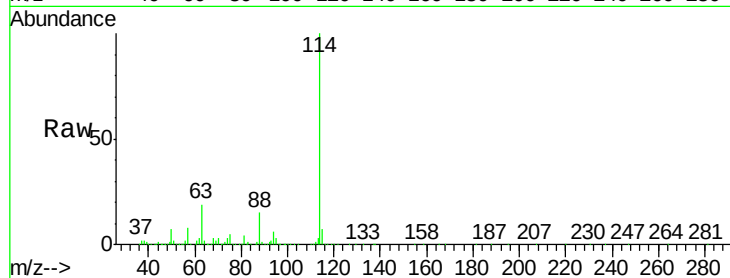
Tot Ion:114 Resp: 965069

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

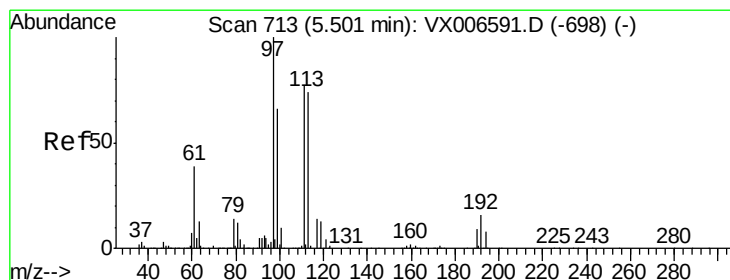
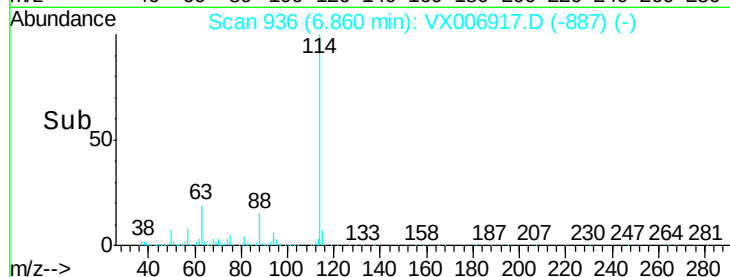
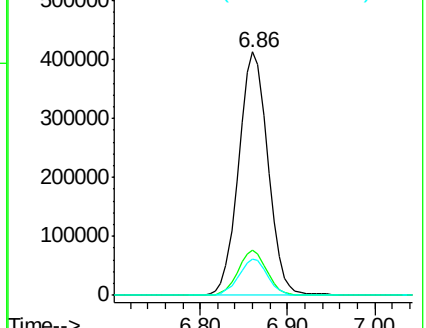
88 15.1 0.0 28.8



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: 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

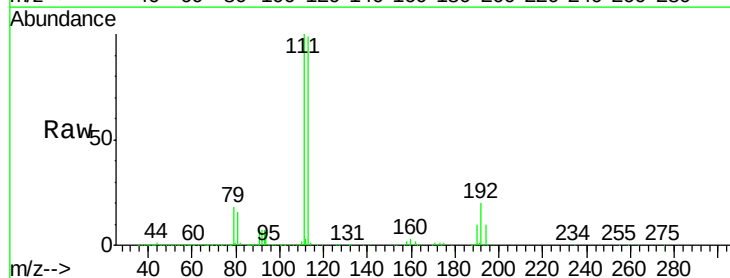
Tgt Ion:113 Resp: 296178

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

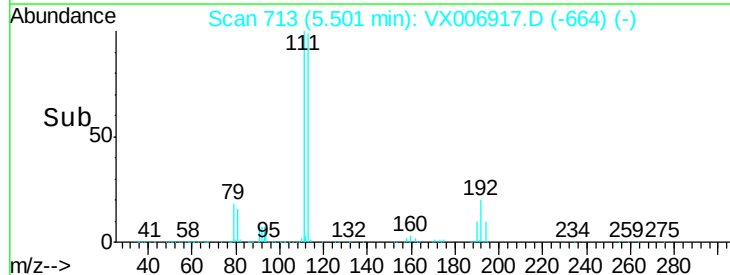
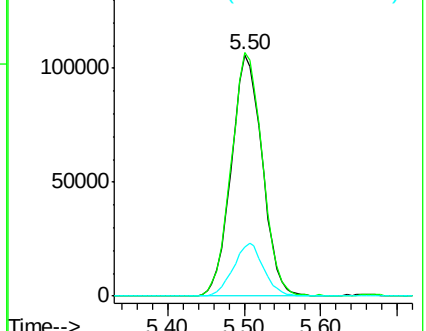
192 21.5 16.7 25.1

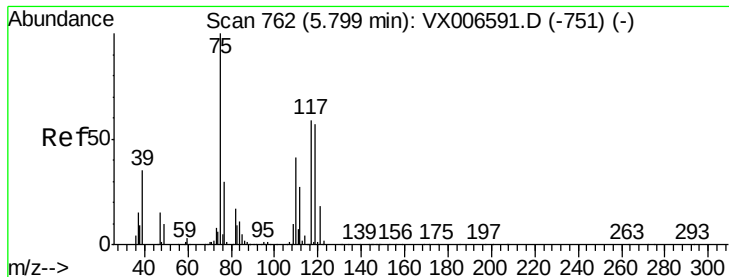


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.068 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

RBR-200030-RBR-200028-RT-3483

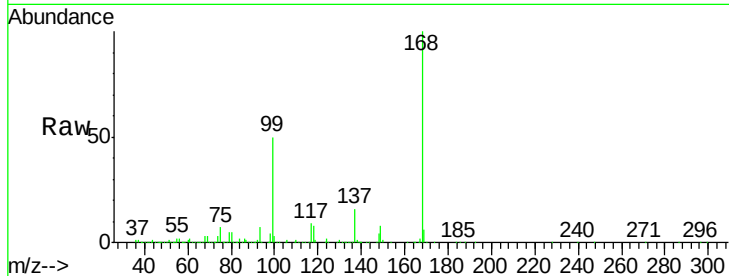
Tot Ion: 75 Resp: 40509

Ion Ratio Lower Upper

75 100

110 10.5 20.2 60.5#

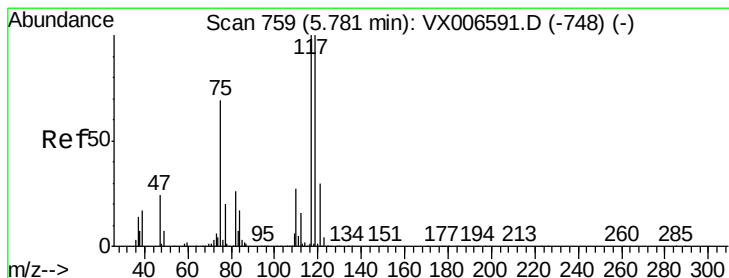
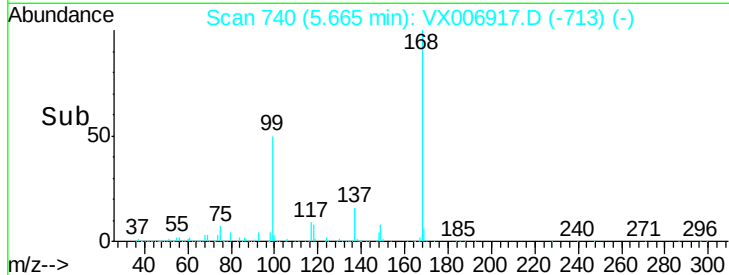
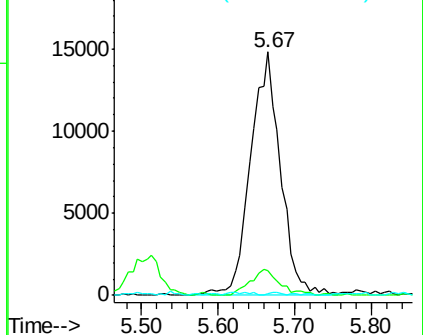
77 0.5 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 7.319 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

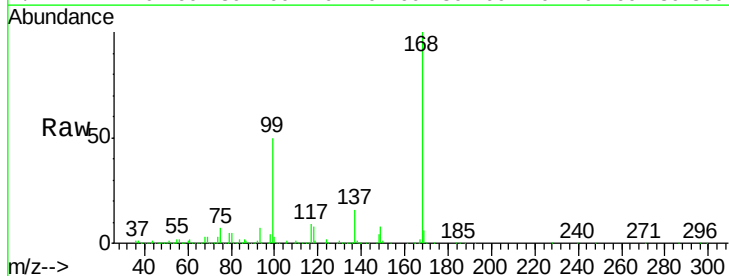
Tgt Ion:117 Resp: 56850

Ion Ratio Lower Upper

117 100

119 5.6 79.4 119.2#

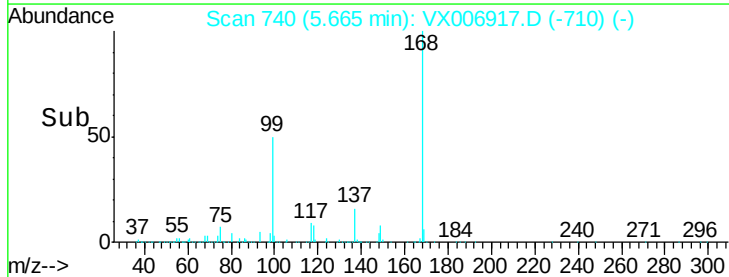
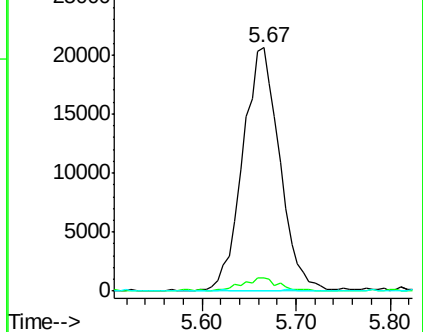
121 0.0 24.0 36.0#

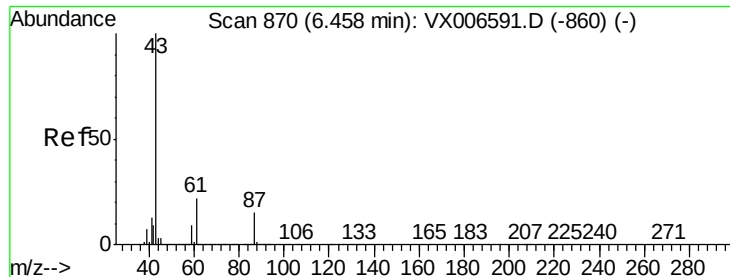


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): 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

Instrument :

MSVOA_X

ClientSampleId :

RBR-200030-RBR-200028-RT-3483

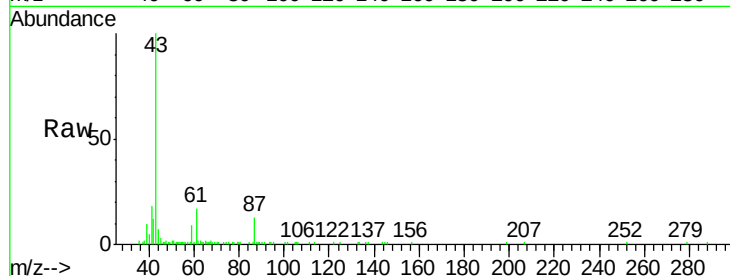
Tot Ion: 43 Resp: 25262

Ion Ratio Lower Upper

43 100

61 22.4 16.8 25.2

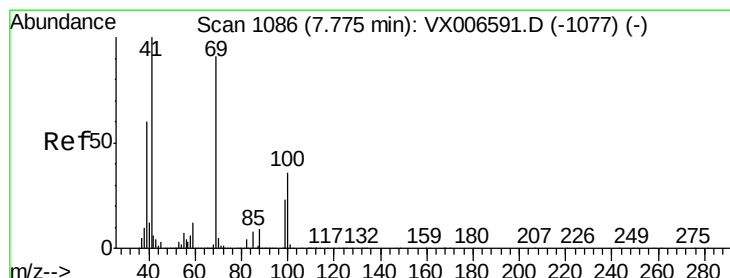
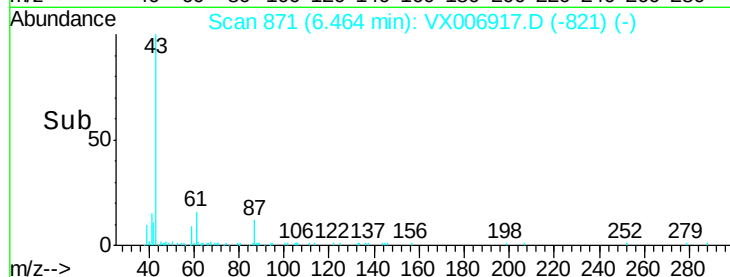
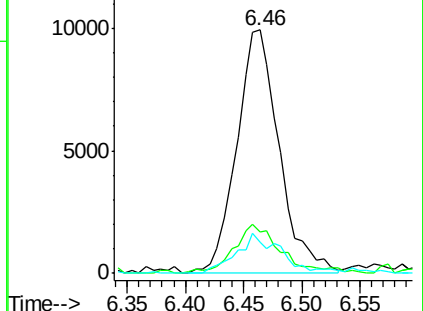
87 16.3 12.4 18.6



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



#48

Methyl methacrylate

Concen: 2.010 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

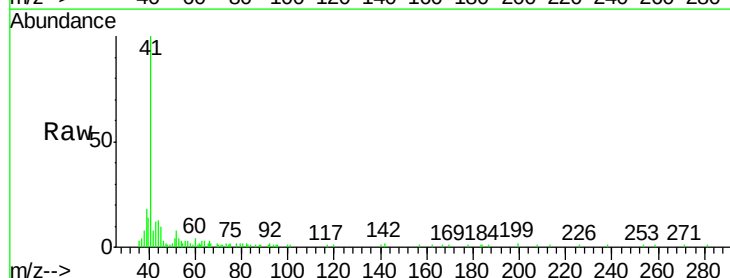
Tgt Ion: 41 Resp: 12941

Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

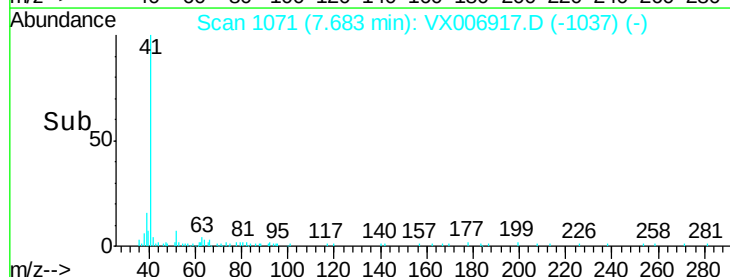
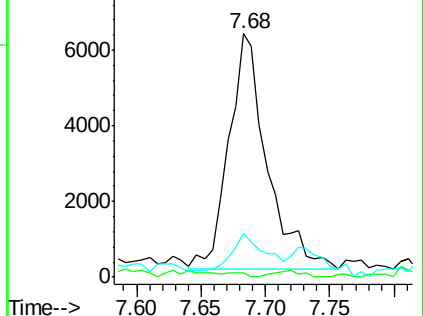
39 0.0 45.8 68.8#

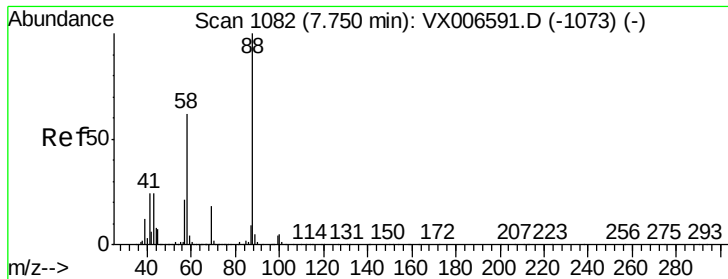


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

RBR-200030-RBR-200028-RT-3483

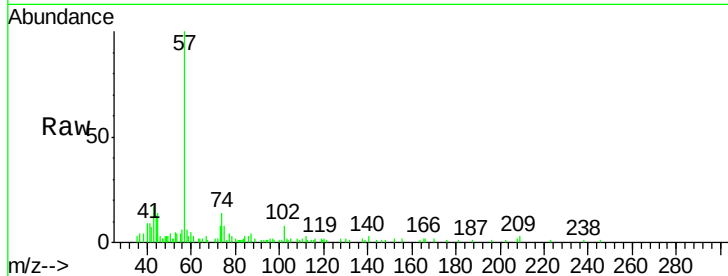
Tot Ion: 88 Resp: 88

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

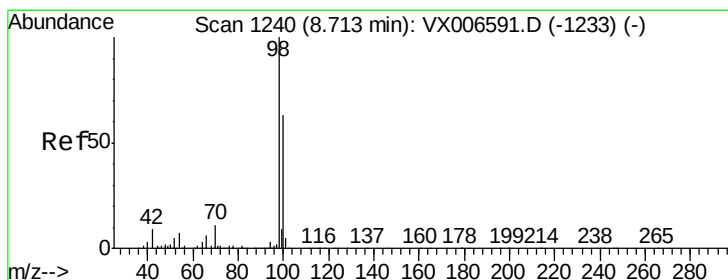
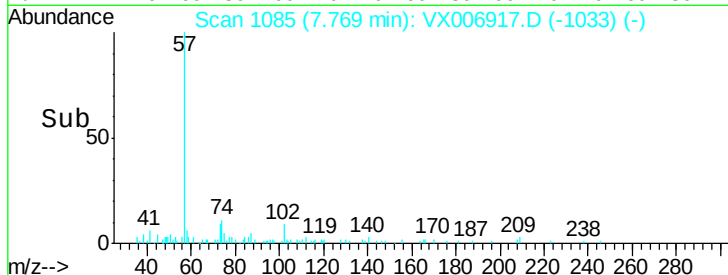
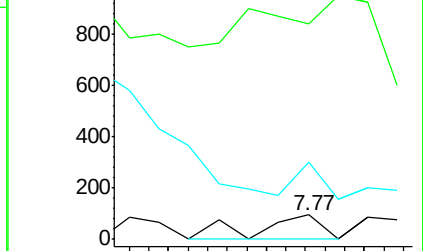
58 0.0 51.0 76.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): 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

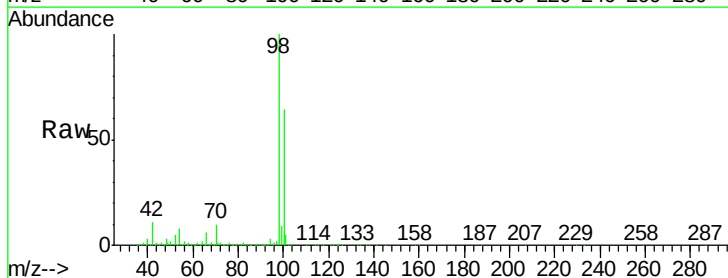
Acq: 04 Jan 2019 16:58

Tgt Ion: 98 Resp: 1160605

Ion Ratio Lower Upper

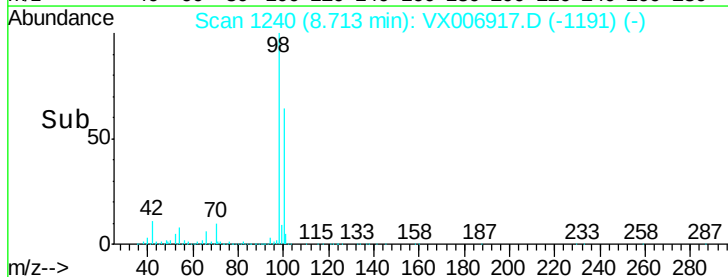
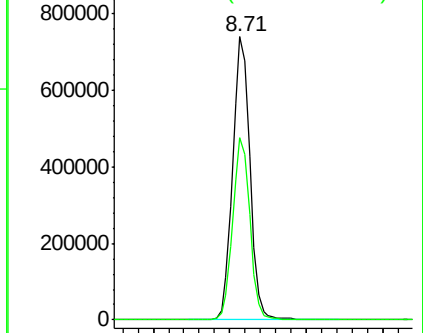
98 100

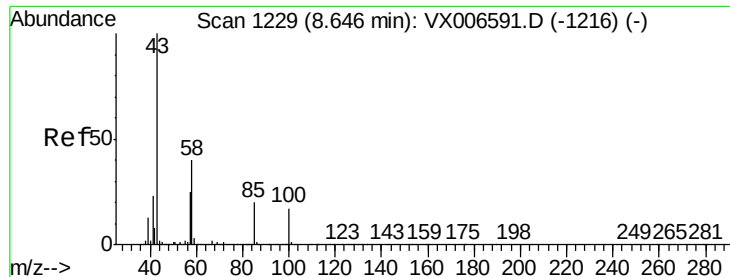
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 14.851 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

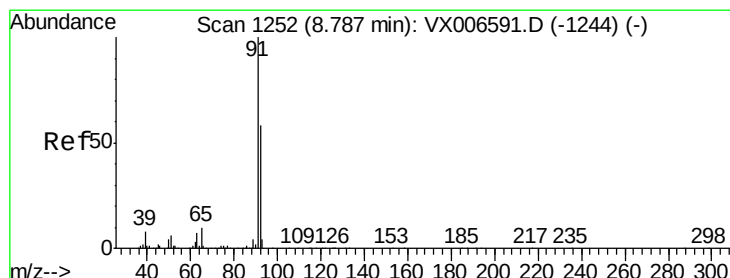
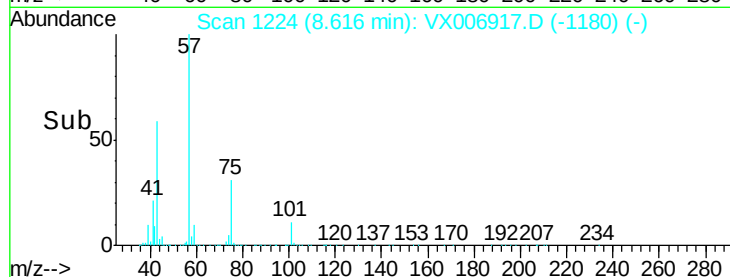
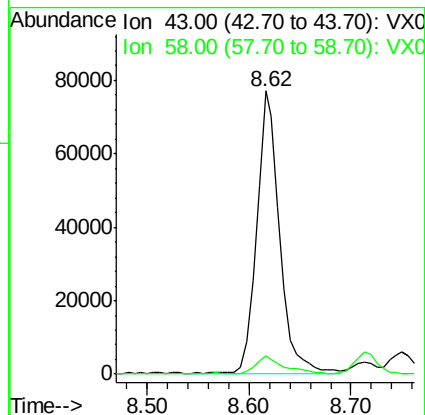
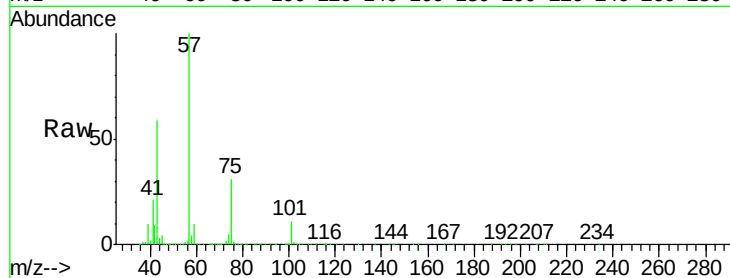
RBR-200030-RBR-200028-RT-3483

Tot Ion: 43 Resp: 119610

Ion Ratio Lower Upper

43 100

58 7.8 31.8 47.6#



#52

Toluene

Concen: 0.260 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006917.D

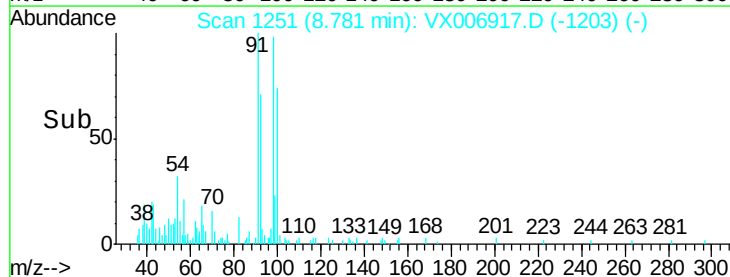
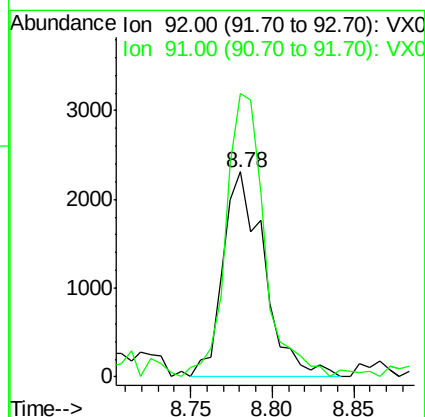
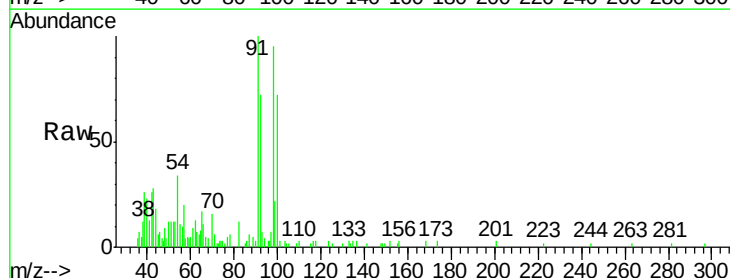
Acq: 04 Jan 2019 16:58

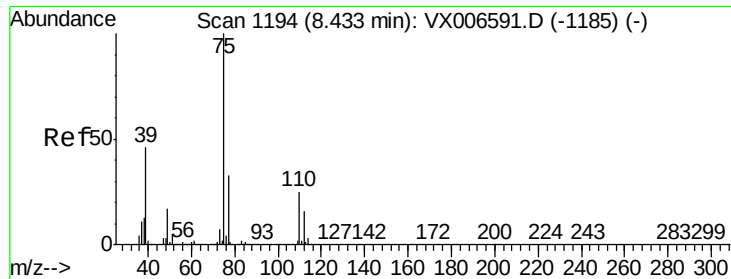
Tgt Ion: 92 Resp: 4086

Ion Ratio Lower Upper

92 100

91 127.4 137.6 206.4#





#54

cis-1,3-Dichloropropene

Concen: 6.961 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

RBR-200030-RBR-200028-RT-3483

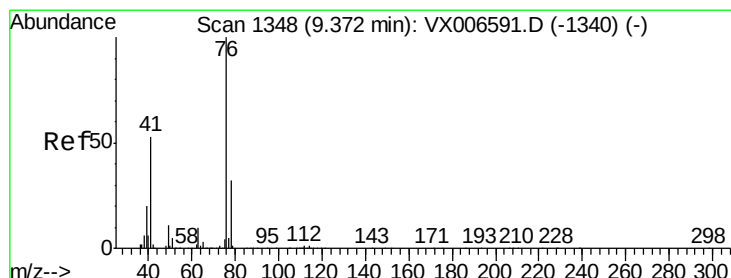
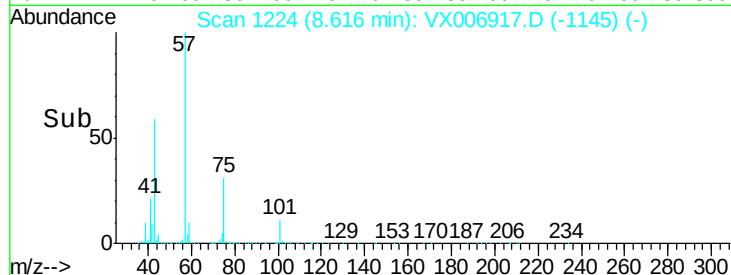
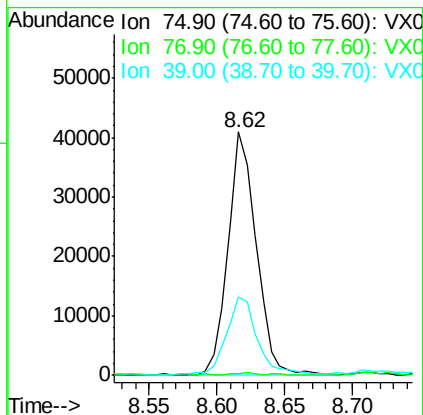
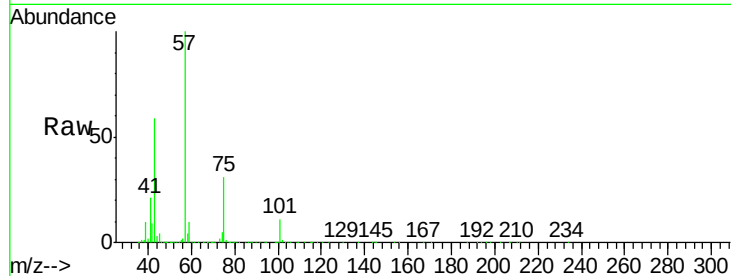
Tot Ion: 75 Resp: 59142

Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

39 31.8 36.7 55.1#



#57

1,3-Dichloropropane

Concen: 1.425 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006917.D

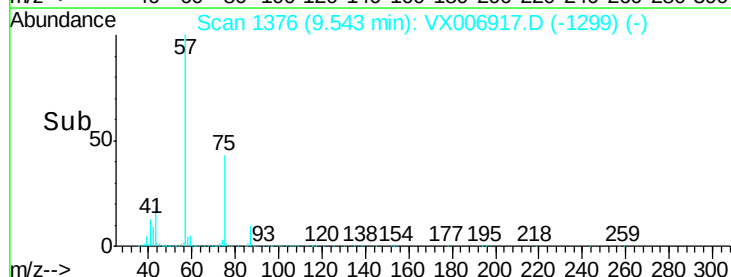
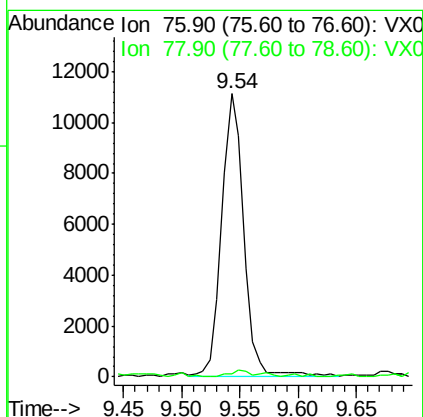
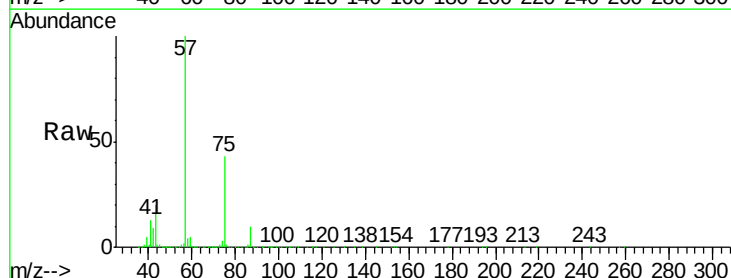
Acq: 04 Jan 2019 16:58

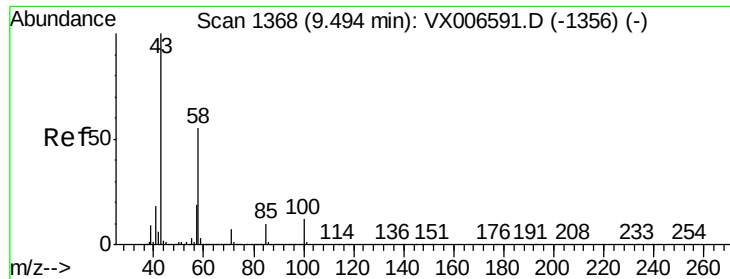
Tgt Ion: 76 Resp: 14732

Ion Ratio Lower Upper

76 100

78 2.7 26.0 39.0#





#59

2-Hexanone

Concen: 30.252 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

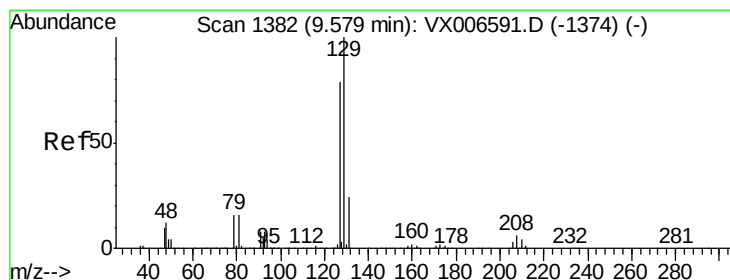
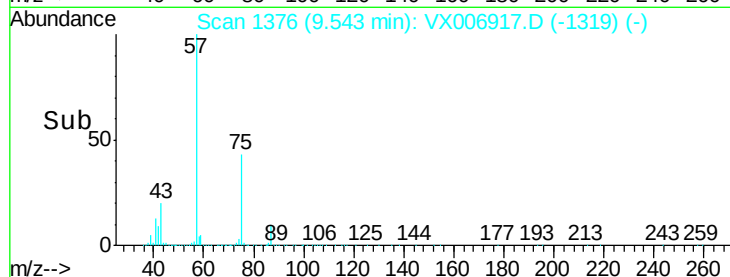
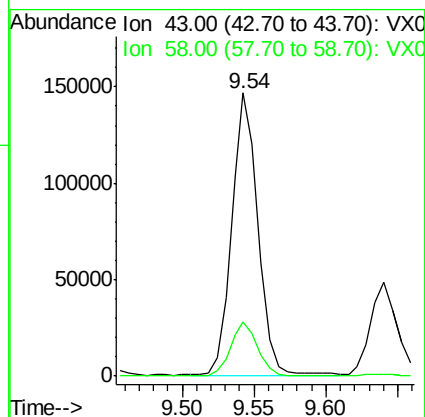
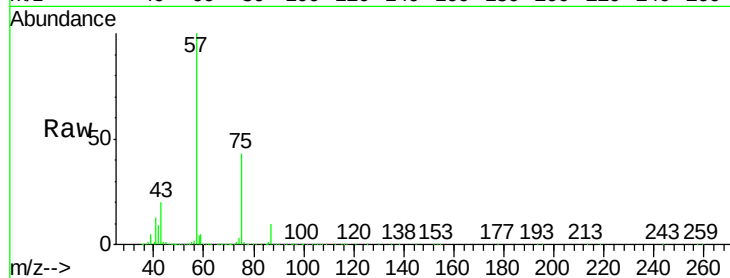
RBR-200030-RBR-200028-RT-3483

Tot Ion: 43 Resp: 186418

Ion Ratio Lower Upper

43 100

58 20.2 27.7 83.1#



#60

Dibromochloromethane

Concen: 2.334 ug/l

RT: 9.65 min Scan# 1393

Delta R.T. 0.07 min

Lab File: VX006917.D

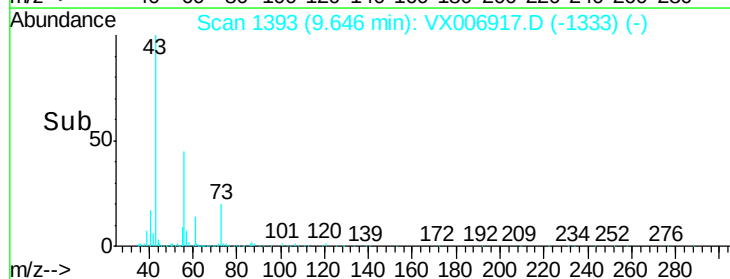
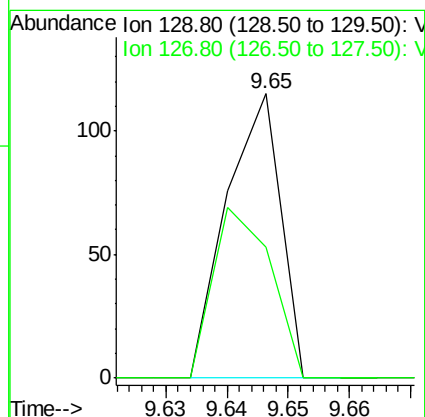
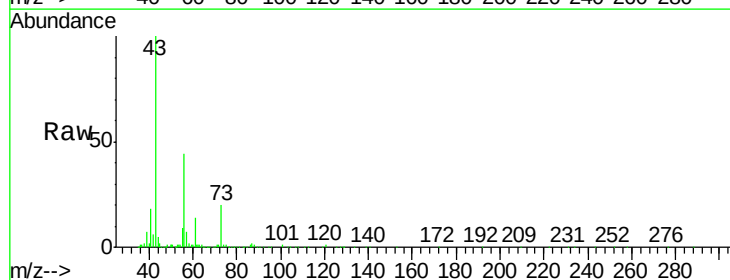
Acq: 04 Jan 2019 16:58

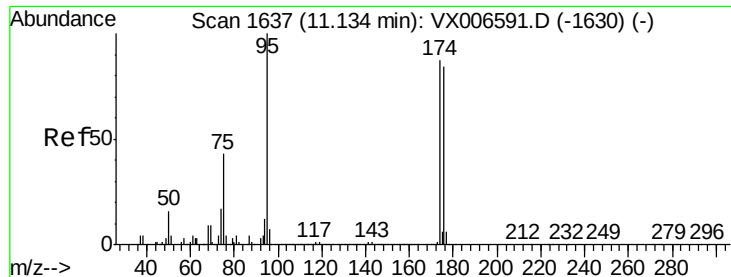
Tgt Ion: 129 Resp: 70

Ion Ratio Lower Upper

129 100

127 64.3 39.3 117.8

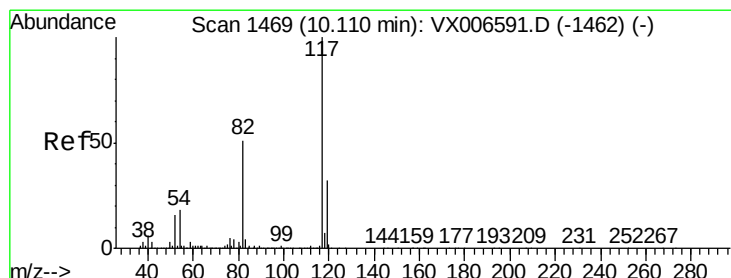
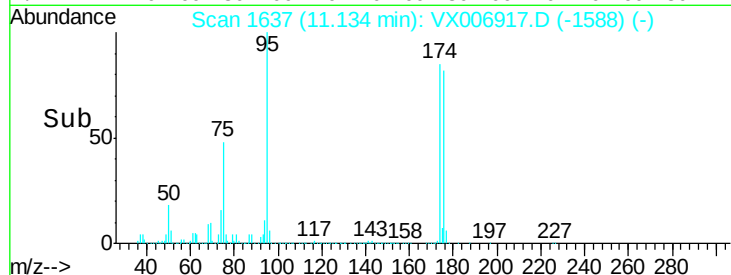
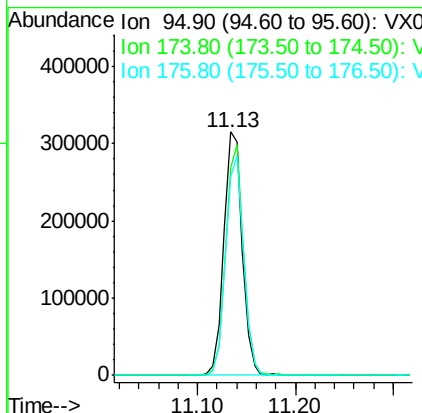
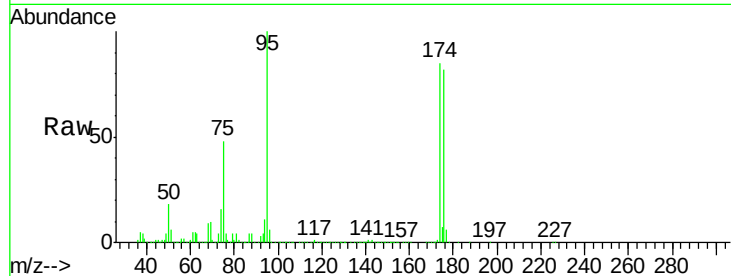




#62
4-Bromofluorobenzene
Concen: 48.706 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

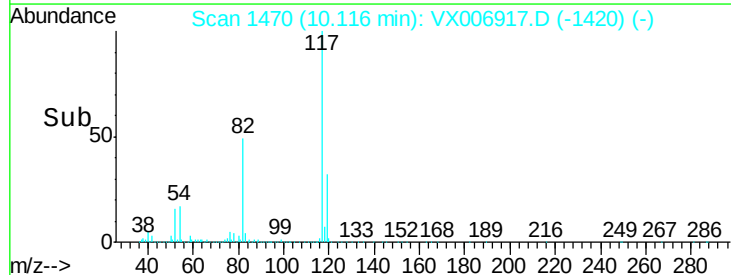
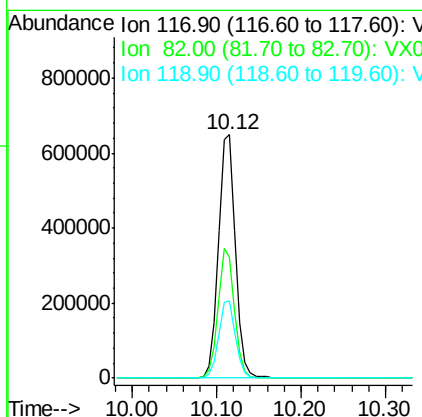
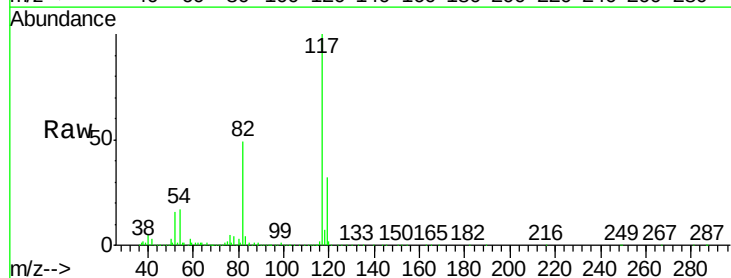
Instrument :
MSVOA_X
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

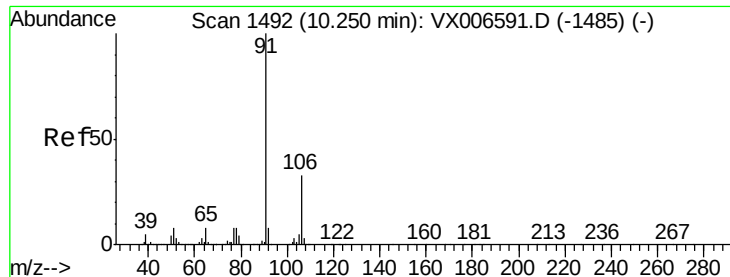
Tot Ion: 95 Resp: 410428
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.2
176 88.8 0.0 178.8



#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

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





#67

Ethyl Benzene

Concen: 0.334 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

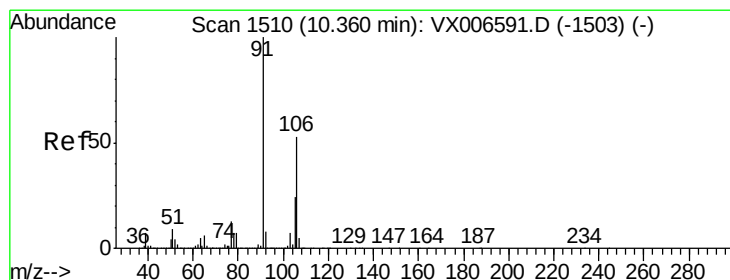
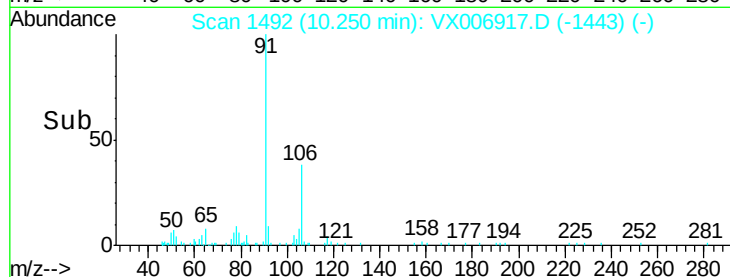
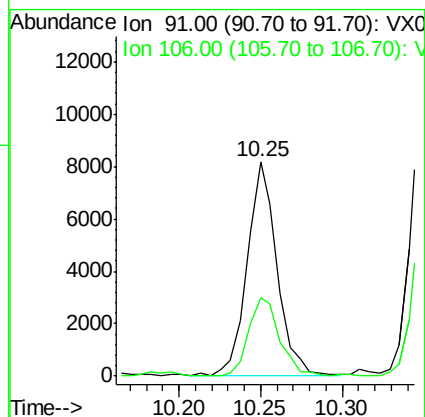
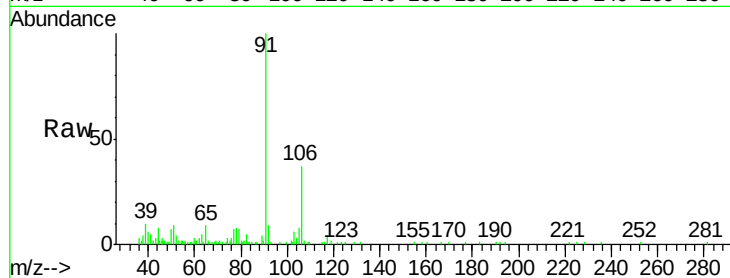
RBR-200030-RBR-200028-RT-3483

Tot Ion: 91 Resp: 10512

Ion Ratio Lower Upper

91 100

106 36.6 26.4 39.6



#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

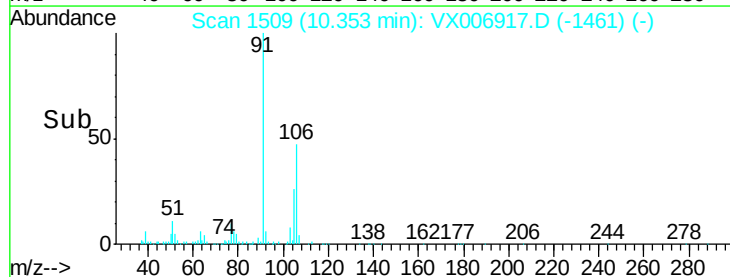
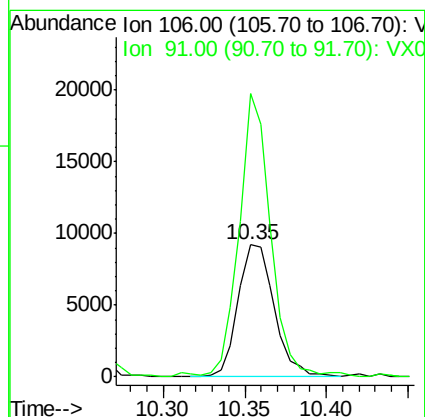
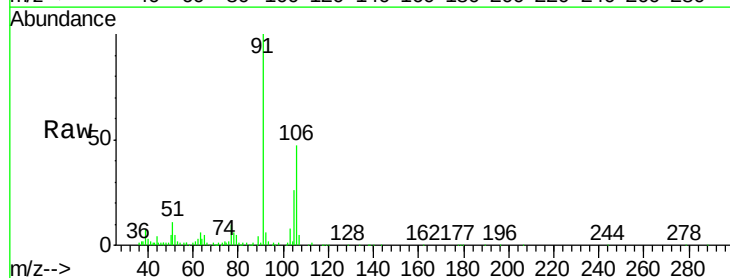
Acq: 04 Jan 2019 16:58

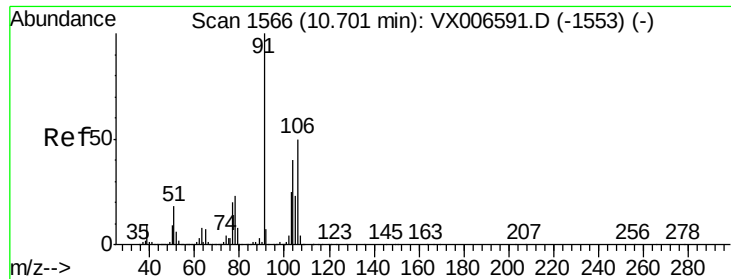
Tgt Ion: 106 Resp: 14297

Ion Ratio Lower Upper

106 100

91 187.6 155.8 233.6

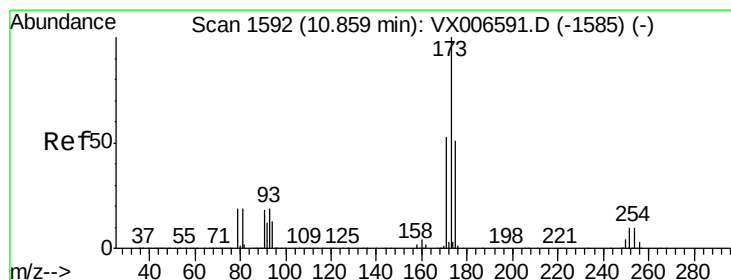
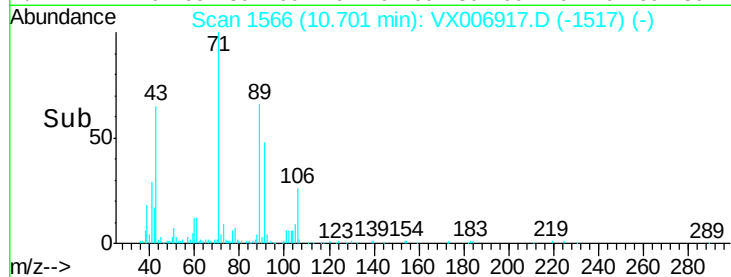
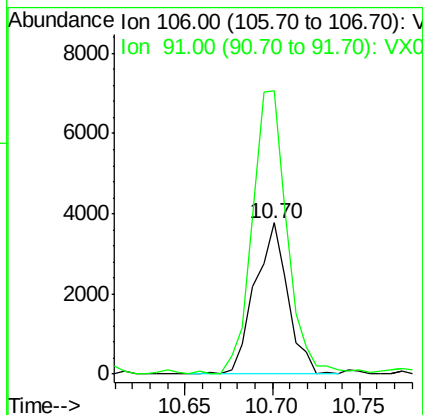
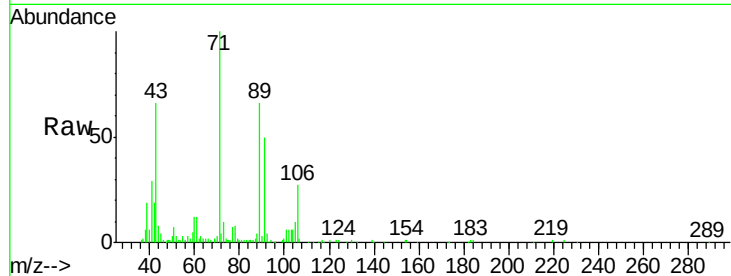




#69
o-Xylene
Concen: 0.403 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

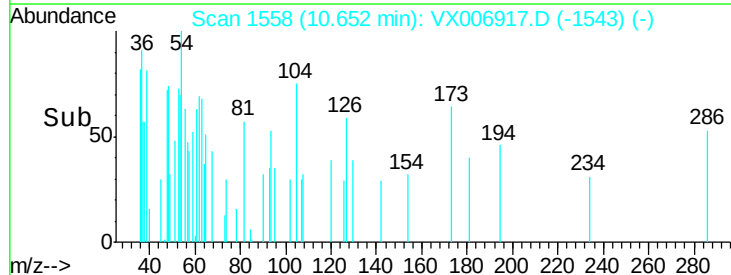
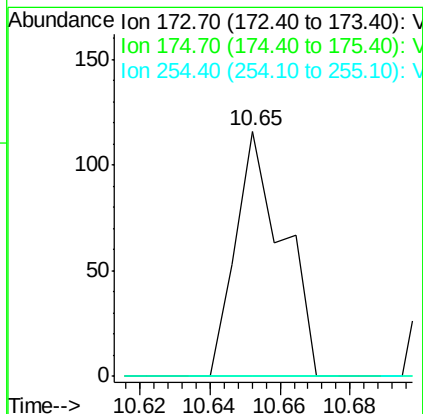
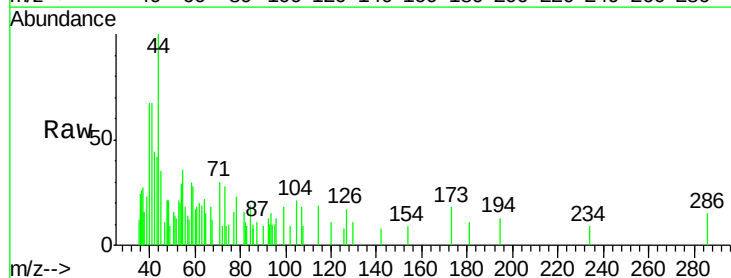
Instrument :
MSVOA_X
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

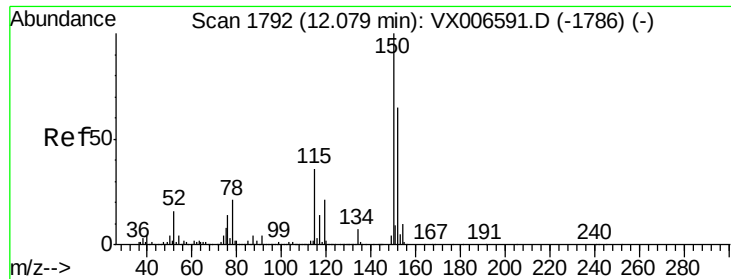
Tot Ion:106 Resp: 4930
Ion Ratio Lower Upper
106 100
91 198.5 101.3 303.7



#71
Bromoform
Concen: 4.478 ug/l
RT: 10.65 min Scan# 1558
Delta R.T. -0.21 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

Tgt Ion:173 Resp: 109
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#



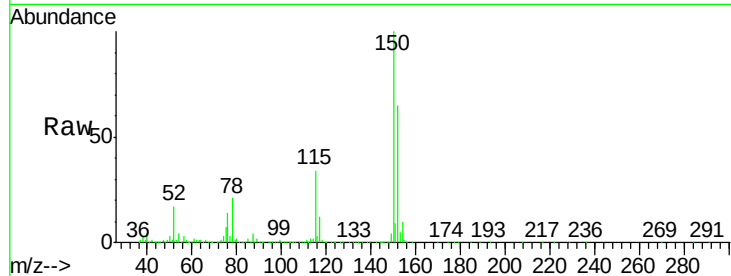


#72

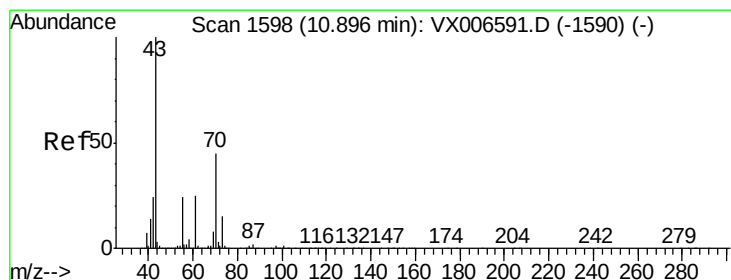
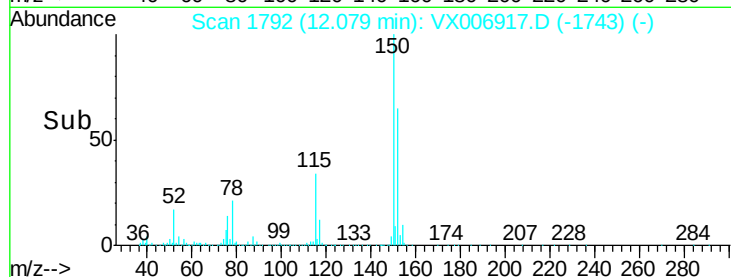
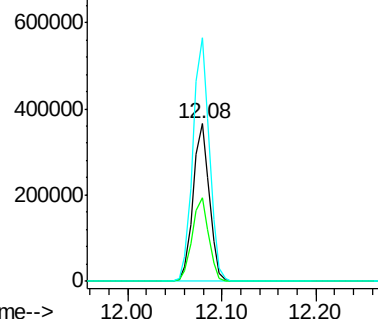
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	39.1	117.2
150	157.1	0.0	344.8



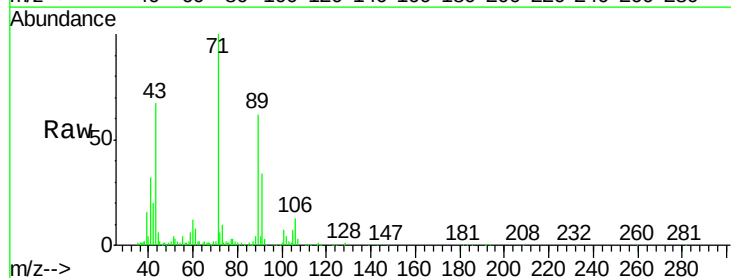
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



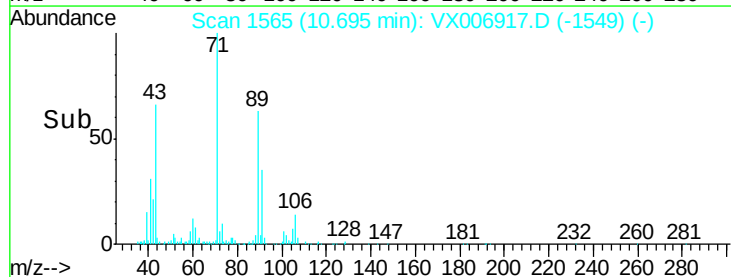
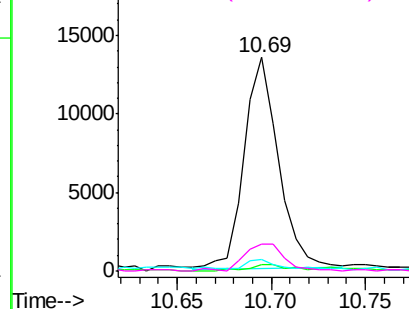
#74

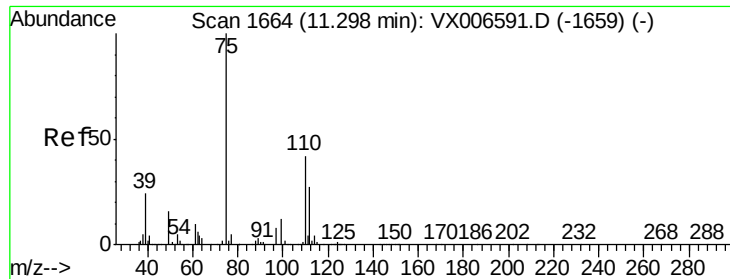
N-ethyl acetate
Concen: 1.609 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006917.D
Acq: 04 Jan 2019 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
71	3.6	35.8	53.8#
55	5.7	19.4	29.0#
61	15.2	20.1	30.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.705 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

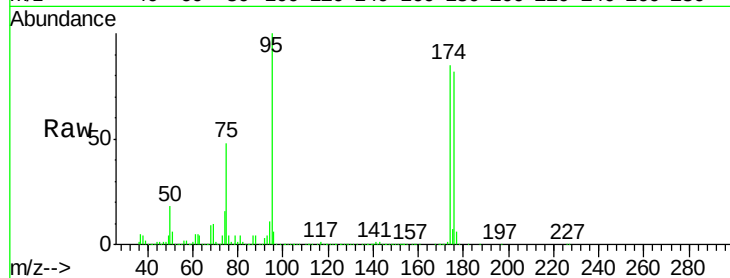
RBR-200030-RBR-200028-RT-3483

Tot Ion: 75 Resp: 192106

Ion Ratio Lower Upper

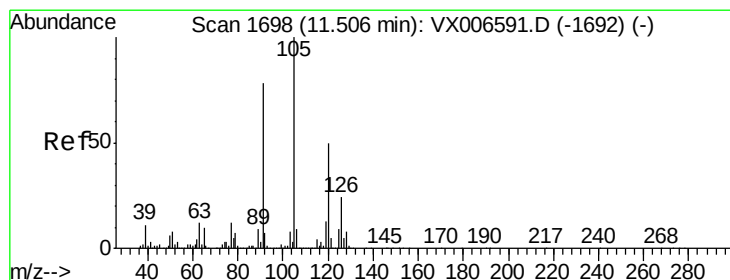
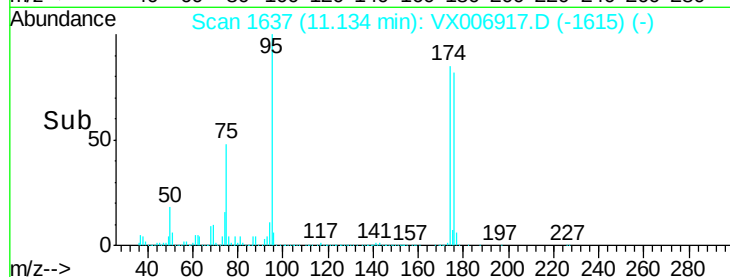
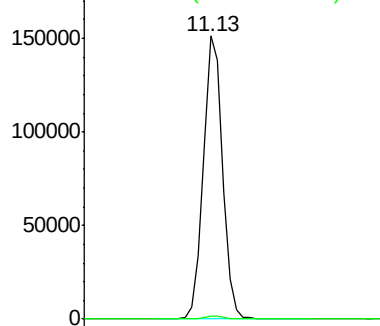
75 100

77 1.6 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 0.434 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006917.D

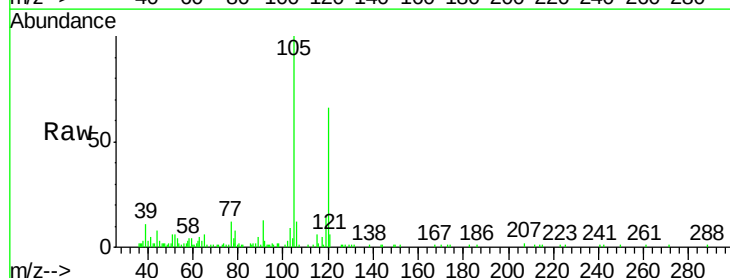
Acq: 04 Jan 2019 16:58

Tgt Ion: 105 Resp: 10661

Ion Ratio Lower Upper

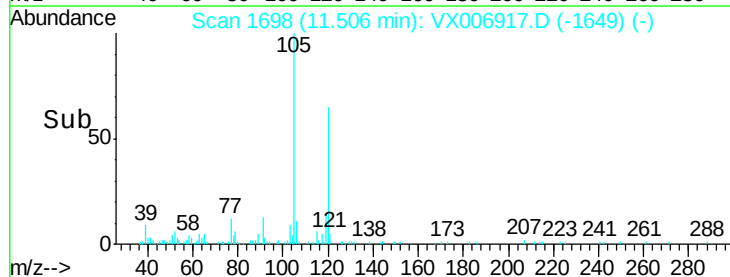
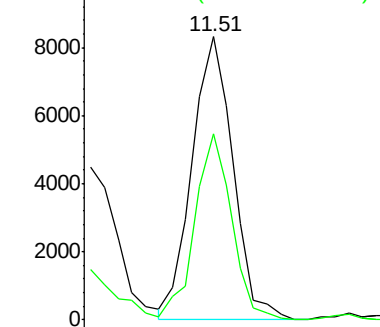
105 100

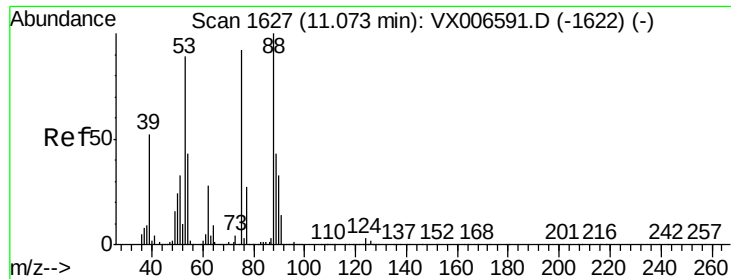
120 59.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 70.267 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

RBR-200030-RBR-200028-RT-3483

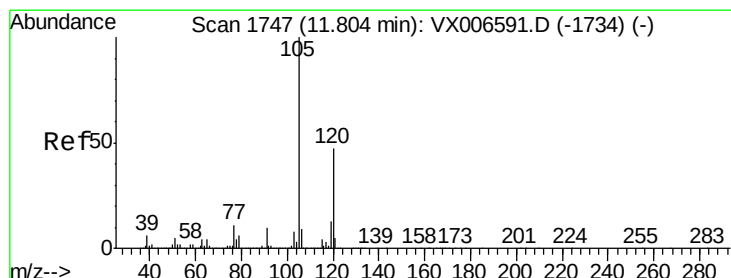
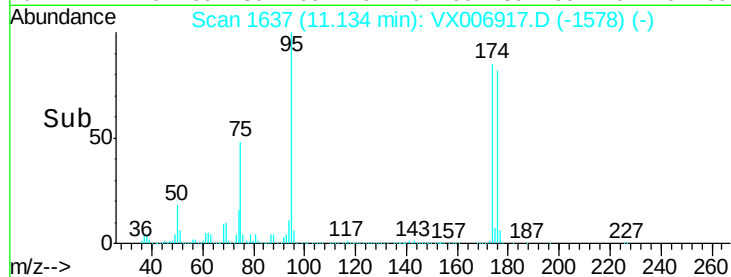
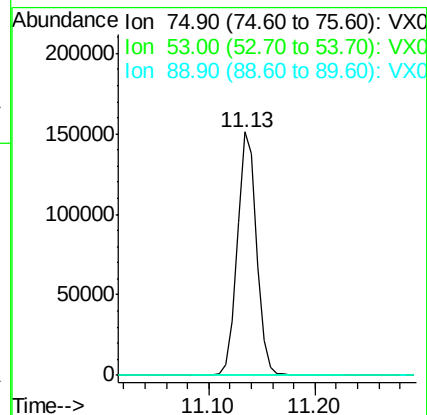
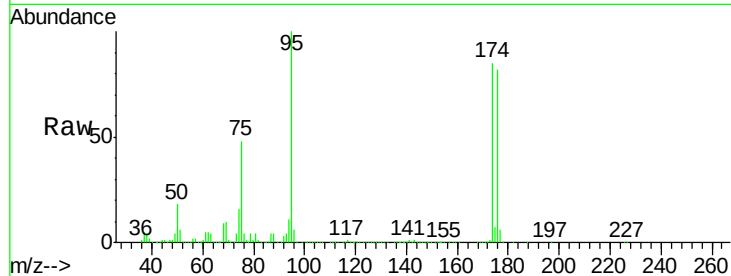
Tot Ion: 75 Resp: 192106

Ion Ratio Lower Upper

75 100

53 0.3 79.7 119.5#

89 0.1 38.0 57.0#



#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

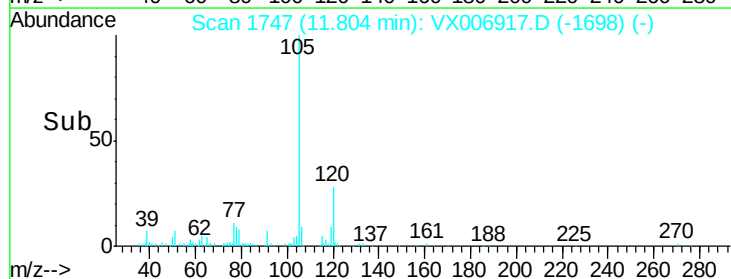
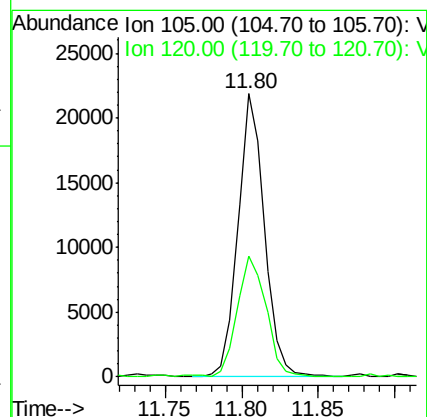
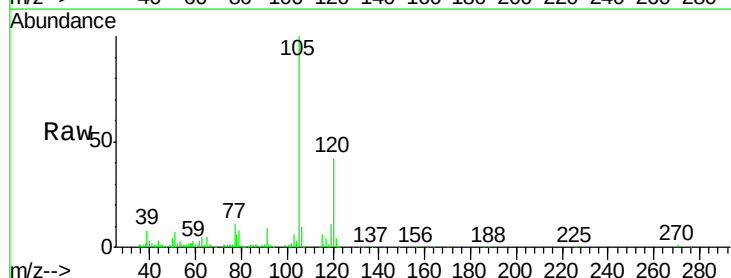
Acq: 04 Jan 2019 16:58

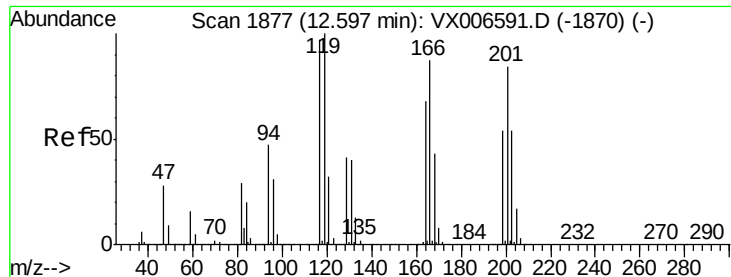
Tgt Ion: 105 Resp: 26273

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#90

Hexachloroethane

Concen: 3.498 ug/l

RT: 12.60 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX006917.D

Acq: 04 Jan 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

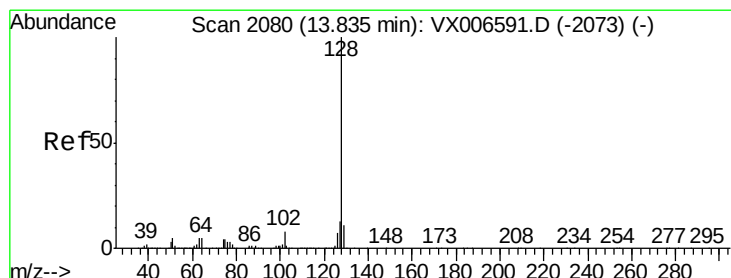
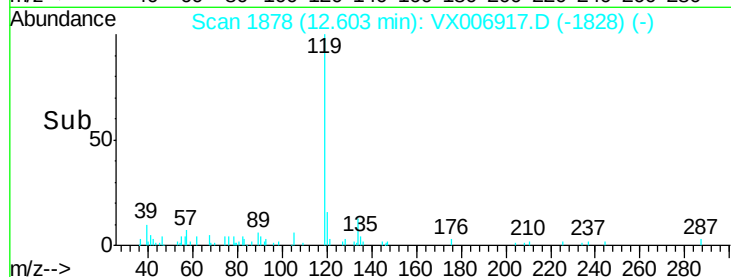
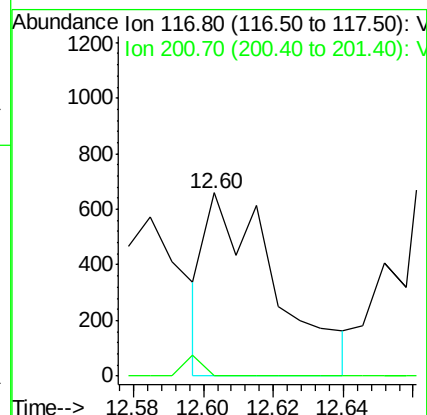
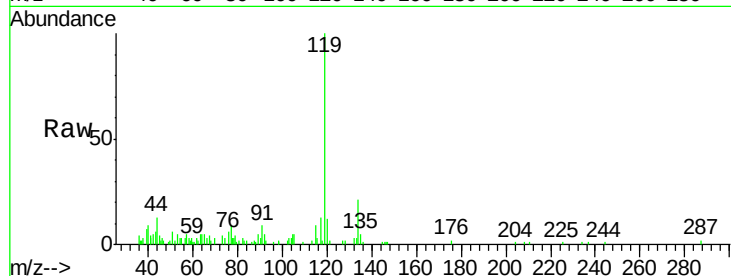
RBR-200030-RBR-200028-RT-3483

Tot Ion:117 Resp: 911

Ion Ratio Lower Upper

117 100

201 3.1 42.9 128.7#



#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

Tgt Ion:128 Resp: 153438

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.9 8.6 13.0

