

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007463.D
 Acq On : 11 Feb 2019 13:06
 Operator : JC/SP
 Sample : K1433-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW030-190207

Quant Time: Feb 12 00:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	794679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375829	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	271791	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	5.51	113	251475	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	952645	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	349028	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	342	0.230	ug/l	99
5) Bromomethane	1.66	94	1111	Below Cal	#	51
6) Chloroethane	1.80	64	1073	0.287	ug/l #	53
11) Tert butyl alcohol	3.06	59	31400	27.352	ug/l	96
13) Acrolein	2.31	56	438	0.814	ug/l #	14
14) Allyl chloride	2.61	41	2173	0.267	ug/l #	41
15) Acrylonitrile	3.17	53	3173	1.117	ug/l #	49
16) Acetone	2.45	43	14291	5.624	ug/l	94
17) Carbon Disulfide	2.58	76	1909	2.261	ug/l #	63
18) Methyl Acetate	2.78	43	1107	0.758	ug/l #	87
19) Methyl tert-butyl Ether	3.20	73	78619	4.863	ug/l #	89
20) Methylene Chloride	2.86	84	1139	Below Cal		88
25) 2-Butanone	4.70	43	1978	0.547	ug/l #	89
31) Cyclohexane	5.58	56	36180	4.690	ug/l #	93
36) 1,1-Dichloropropene	5.67	75	32944	4.620	ug/l #	50
38) Carbon Tetrachloride	5.67	117	45974	6.646	ug/l #	15
39) Methylcyclohexane	7.46	83	49635	5.754	ug/l	93
40) Benzene	6.15	78	17381	0.828	ug/l	98
43) Isopropyl Acetate	6.45	43	4352	0.391	ug/l #	80
47) Bromodichloromethane	7.84	83	1783	0.275	ug/l #	8
48) Methyl methacrylate	7.74	41	3738	0.672	ug/l #	30
49) 1,4-Dioxane	7.74	88	127	7.875	ug/l #	25
51) 4-Methyl-2-Pentanone	8.68	43	4858	0.663	ug/l #	36
52) Toluene	8.79	92	3364	0.248	ug/l	87
55) 1,1,2-Trichloroethane	9.16	97	24962	4.419	ug/l #	18
56) Ethyl methacrylate	9.16	69	5431	0.694	ug/l #	1
59) 2-Hexanone	9.51	43	1720	0.302	ug/l	99
67) Ethyl Benzene	10.26	91	10040	0.384	ug/l	93
68) m/p-Xylenes	10.36	106	4195	0.403	ug/l	96
71) Bromoform	10.90	173	90	4.047	ug/l #	29
73) Isopropylbenzene	11.02	105	1260387	49.350	ug/l	99
76) 1,2,3-Trichloropropane	11.36	75	7675	1.050	ug/l #	1
78) n-propylbenzene	11.36	91	1394805	49.804	ug/l	99
79) 2-Chlorotoluene	11.36	91	1394805	82.080	ug/l #	38

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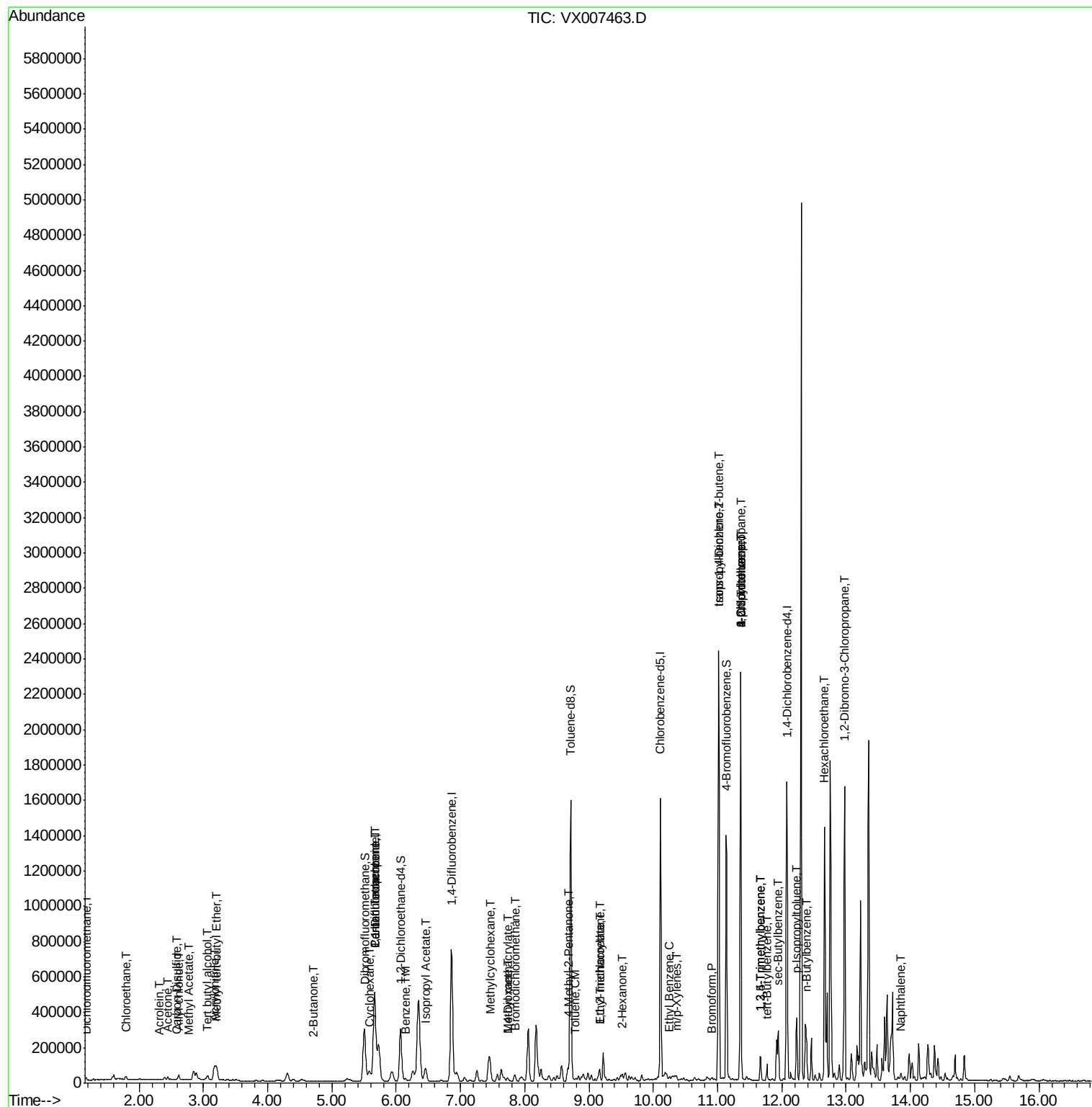
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.66	105	69100	3.307	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.02	75	14358	9.786	ug/l #	70
82) 4-Chlorotoluene	11.36	91	1394805	70.935	ug/l #	42
83) tert-Butylbenzene	11.77	119	35428	1.713	ug/l	97
84) 1,2,4-Trimethylbenzene	11.66	105	69100	3.257	ug/l	78
85) sec-Butylbenzene	11.94	105	148949	5.949	ug/l	96
86) p-Isopropyltoluene	12.23	119	154295	6.827	ug/l	97
89) n-Butylbenzene	12.38	91	120452	6.195	ug/l #	74
90) Hexachloroethane	12.66	117	68103	20.133	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	4871	3.010	ug/l #	1
95) Naphthalene	13.83	128	9832	0.388	ug/l #	78

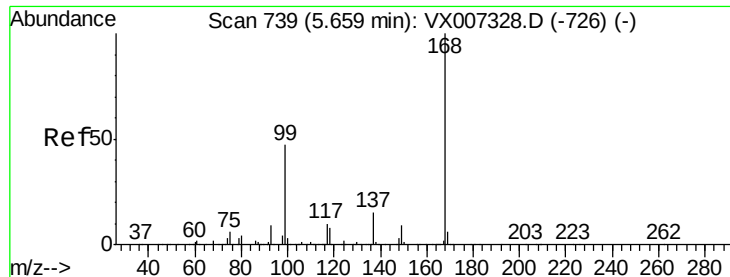
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

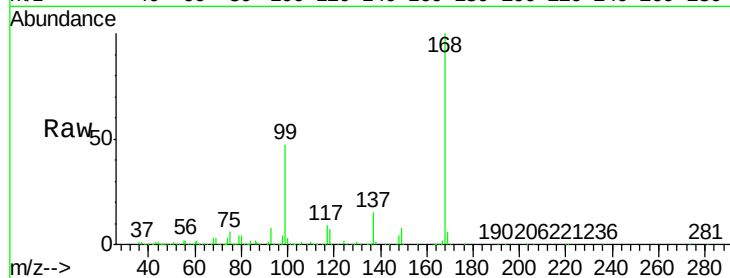
KY001MW030-190207

Tot Ion:168 Resp: 522624

Ion Ratio Lower Upper

168 100

99 47.4 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

200000

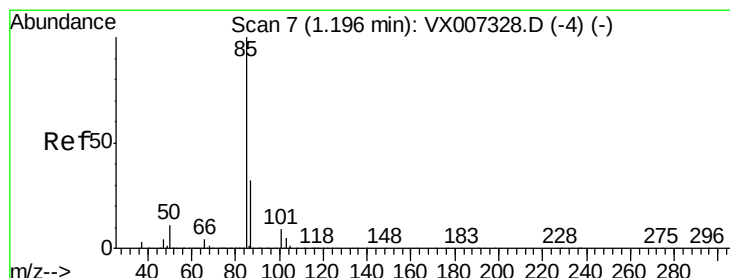
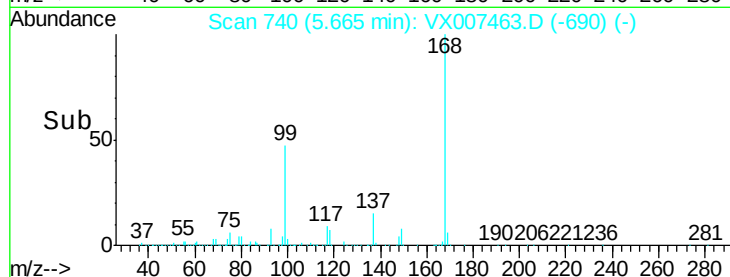
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.230 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX007463.D

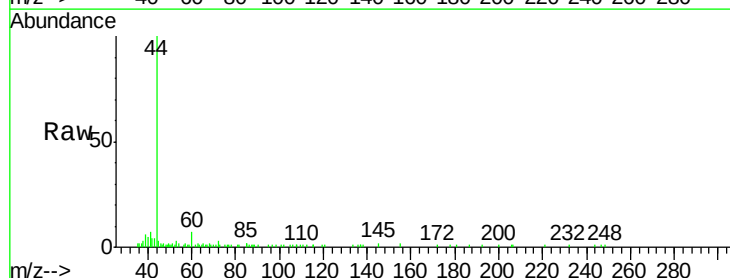
Acq: 11 Feb 2019 13:06

Tgt Ion: 85 Resp: 342

Ion Ratio Lower Upper

85 100

87 30.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

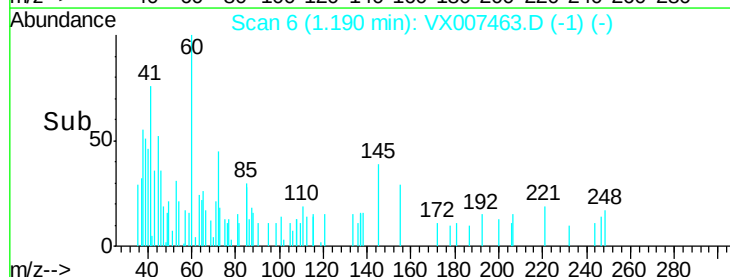
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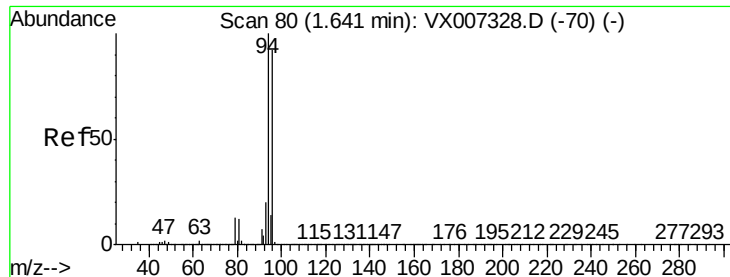
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

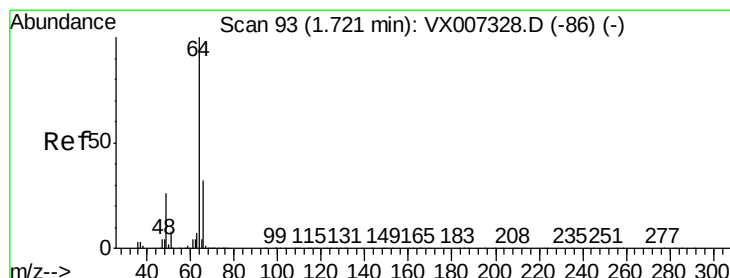
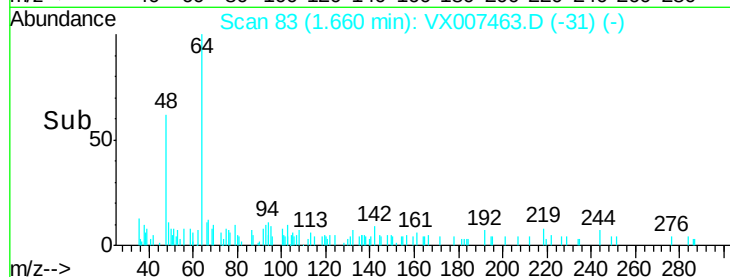
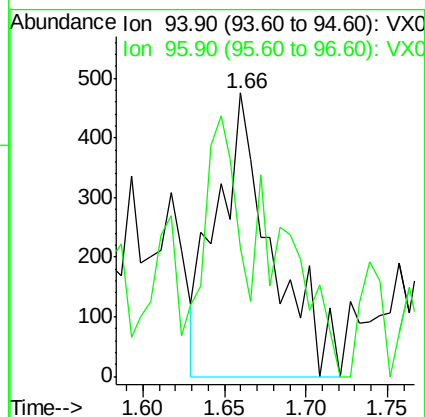
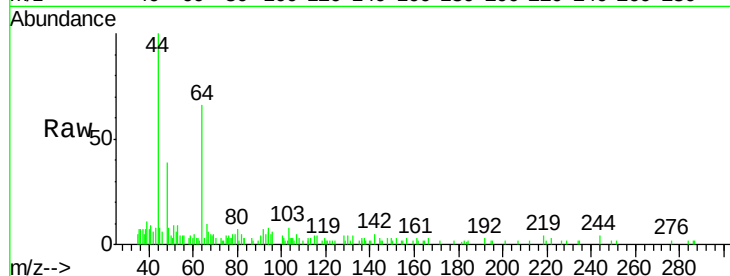
KY001MW030-190207

Tot Ion: 94 Resp: 1111

Ion Ratio Lower Upper

94 100

96 45.5 73.9 110.9#



#6

Chloroethane

Concen: 0.287 ug/l

RT: 1.80 min Scan# 106

Delta R.T. 0.08 min

Lab File: VX007463.D

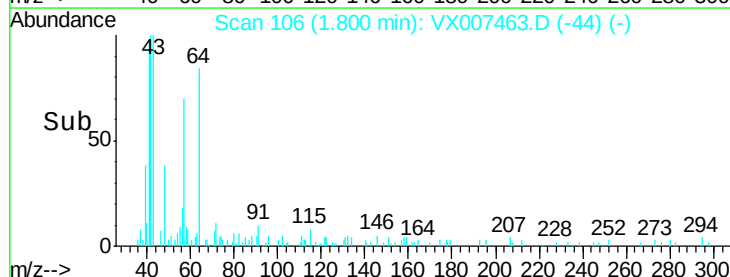
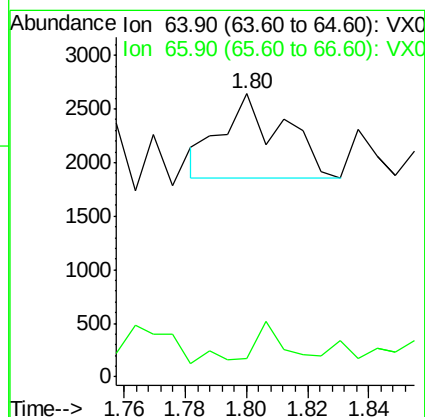
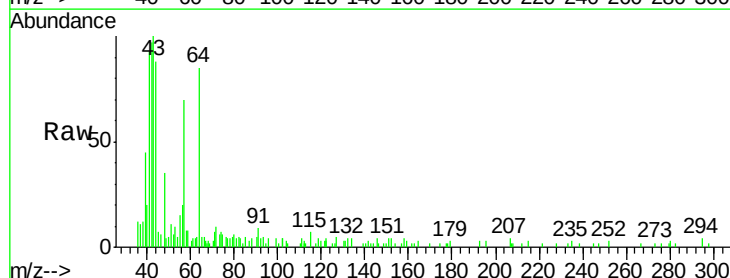
Acq: 11 Feb 2019 13:06

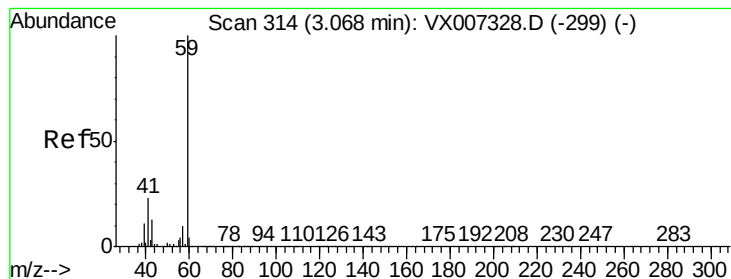
Tgt Ion: 64 Resp: 1073

Ion Ratio Lower Upper

64 100

66 5.9 25.5 38.3#



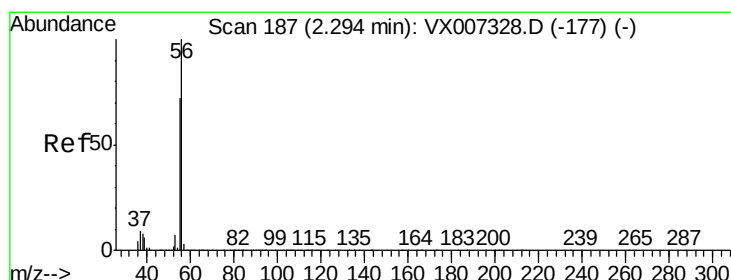
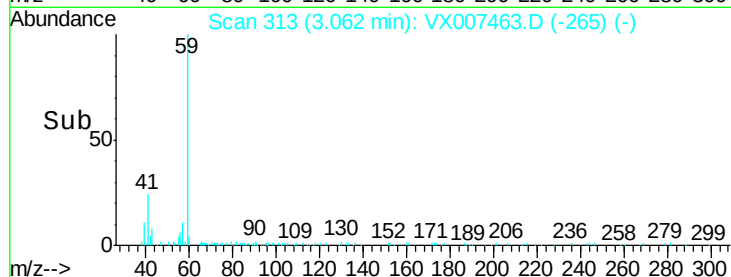
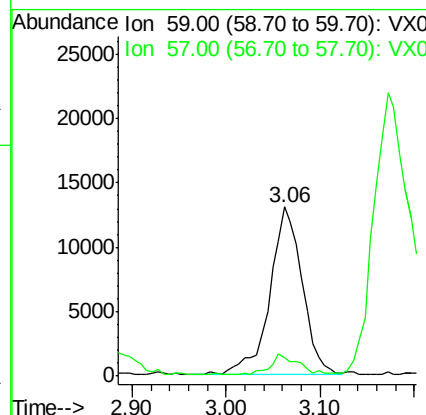
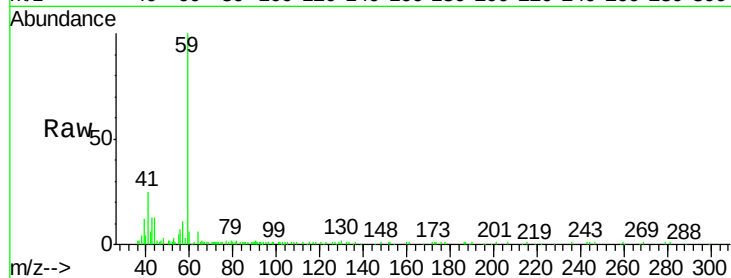


#11

Tert butyl alcohol
Concen: 27.352 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

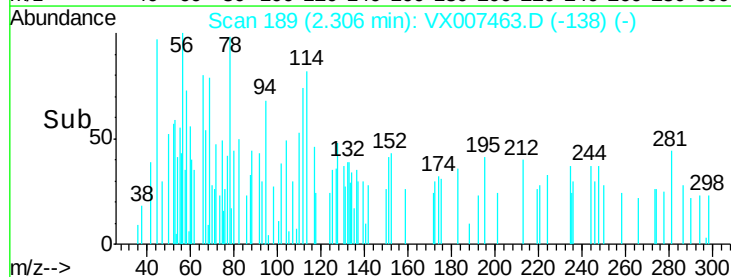
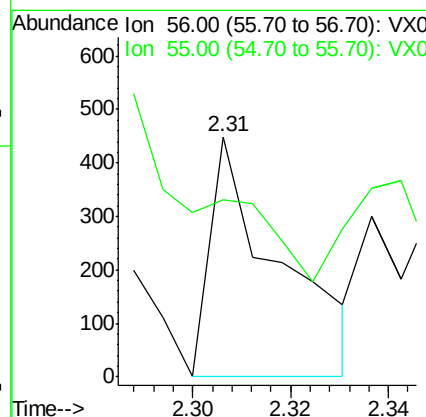
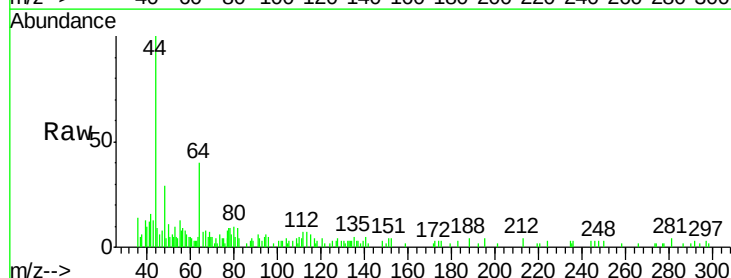
Tot Ion: 59 Resp: 31400
Ion Ratio Lower Upper
59 100
57 11.7 8.1 12.1

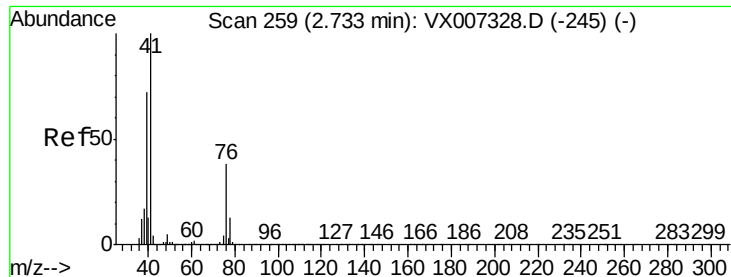


#13

Acrolein
Concen: 0.814 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 56 Resp: 438
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#14

Allvl chloride

Concen: 0.267 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.12 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

KY001MW030-190207

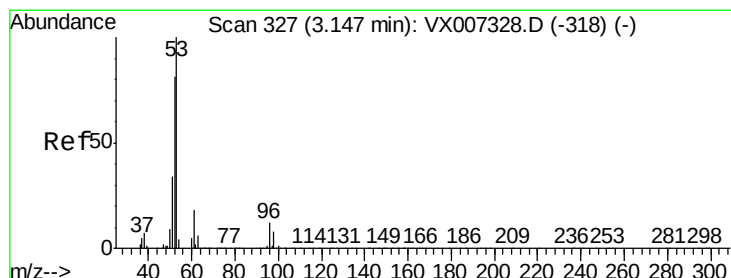
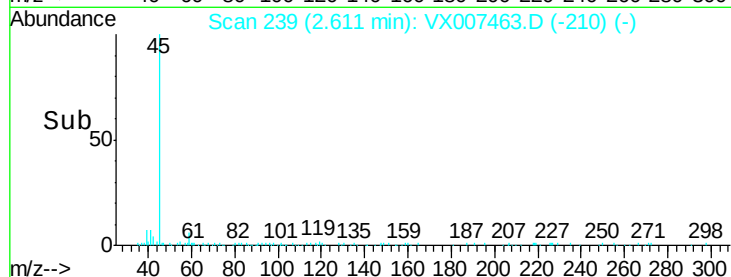
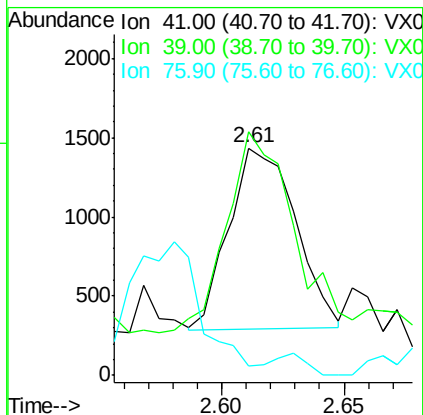
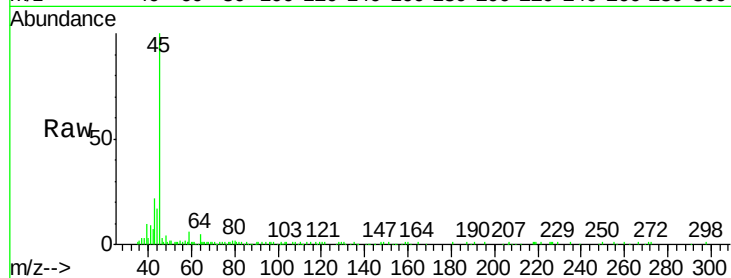
Tot Ion: 41 Resp: 2173

Ion Ratio Lower Upper

41 100

39 118.3 54.1 81.1#

76 5.5 27.8 41.8#



#15

Acrylonitrile

Concen: 1.117 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

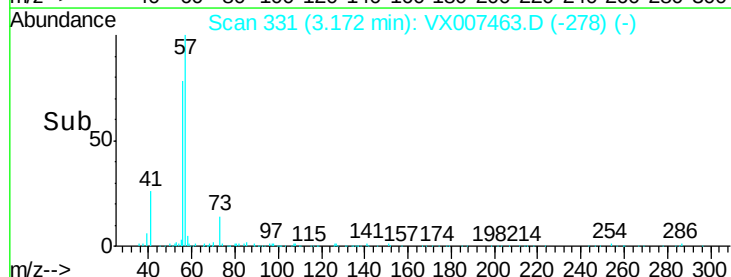
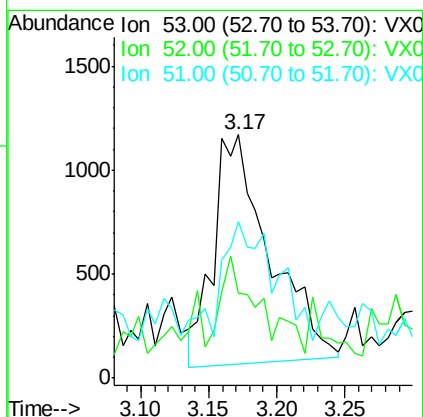
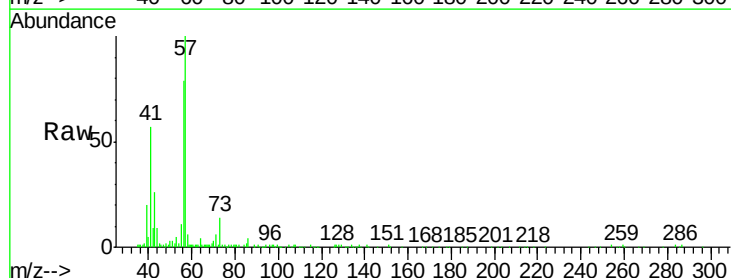
Tgt Ion: 53 Resp: 3173

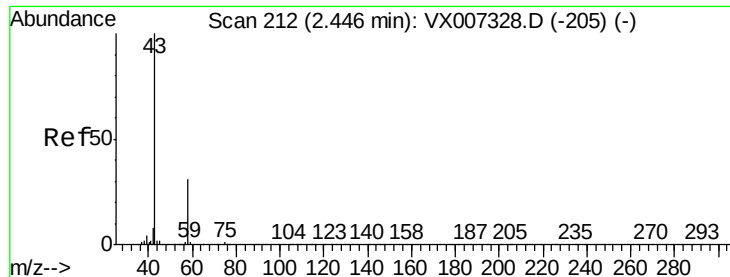
Ion Ratio Lower Upper

53 100

52 24.5 66.4 99.6#

51 45.9 28.4 42.6#





#16

Acetone

Concen: 5.624 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

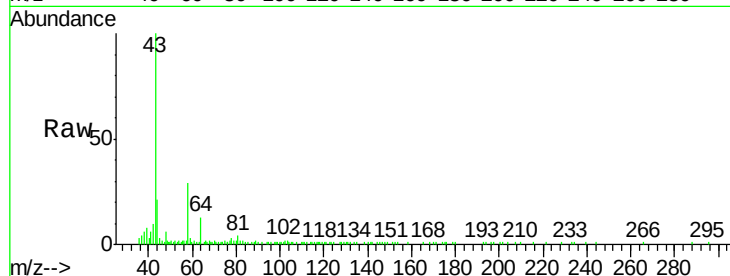
KY001MW030-190207

Tot Ion: 43 Resp: 14291

Ion Ratio Lower Upper

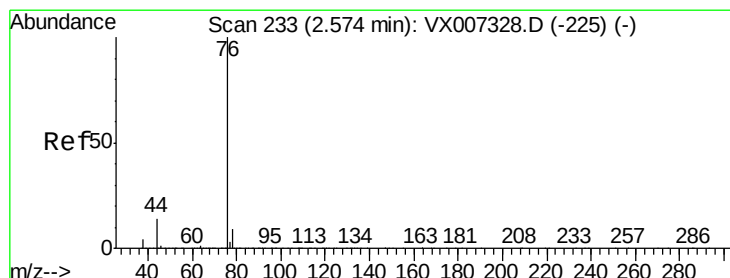
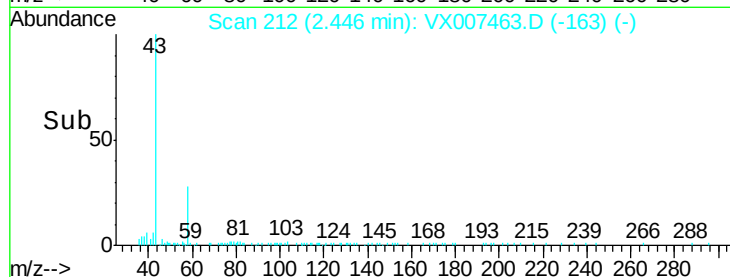
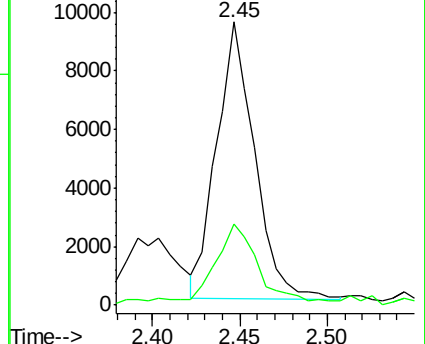
43 100

58 27.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 2.261 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007463.D

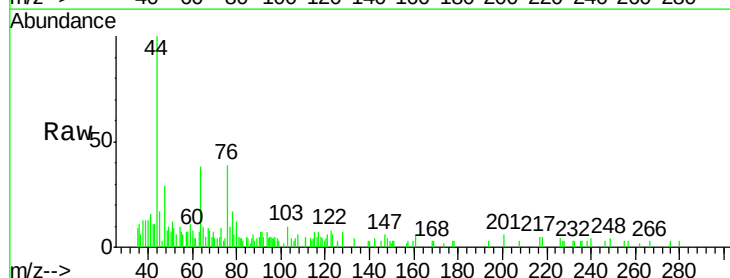
Acq: 11 Feb 2019 13:06

Tgt Ion: 76 Resp: 1909

Ion Ratio Lower Upper

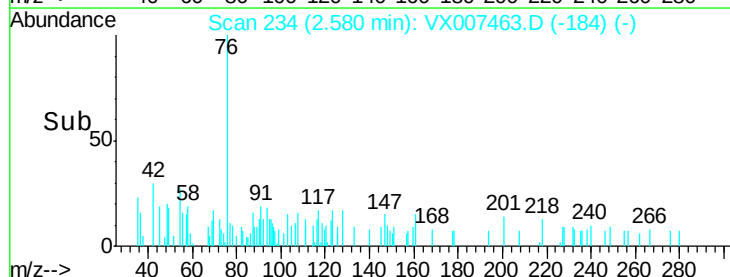
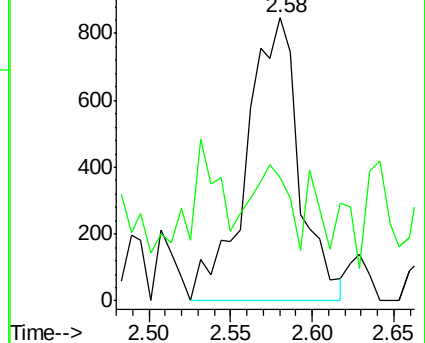
76 100

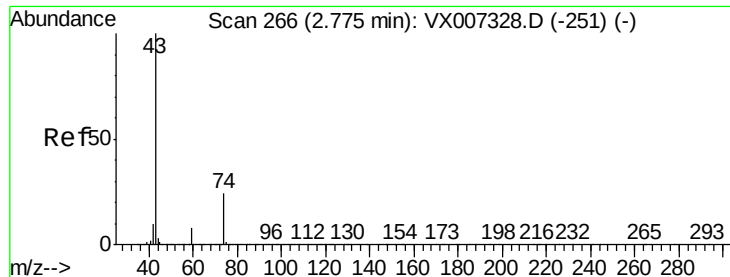
78 22.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#18

Methyl Acetate

Concen: 0.758 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

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ClientSampleId :

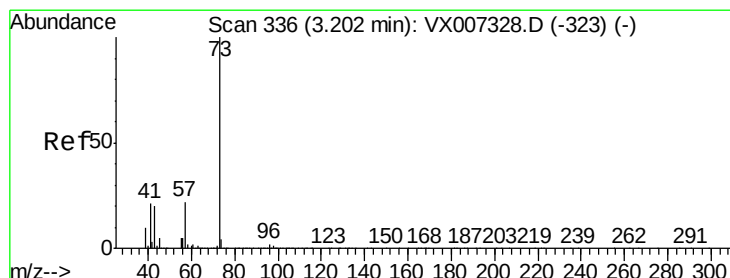
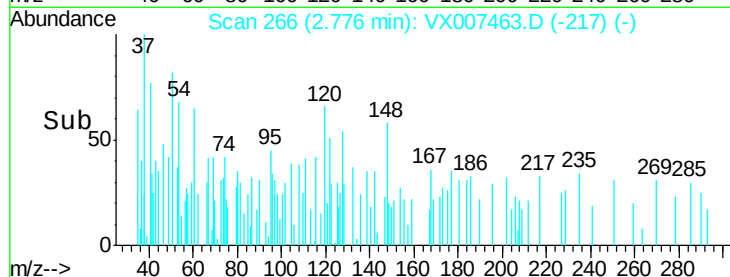
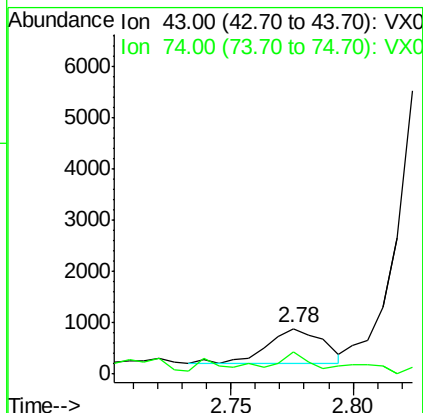
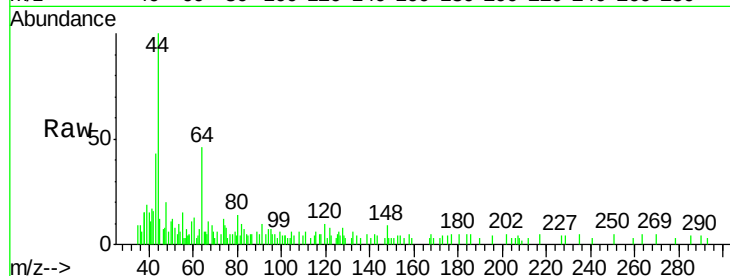
KY001MW030-190207

Tot Ion: 43 Resp: 1107

Ion Ratio Lower Upper

43 100

74 17.8 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 4.863 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX007463.D

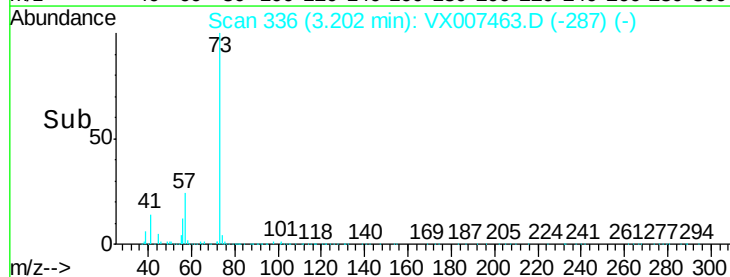
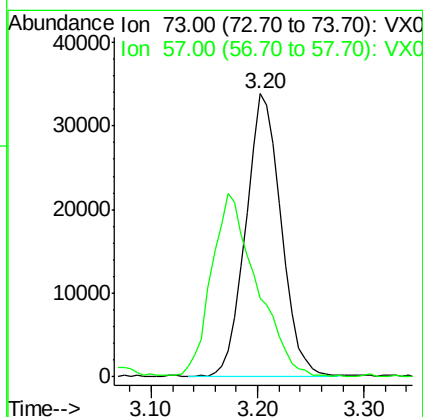
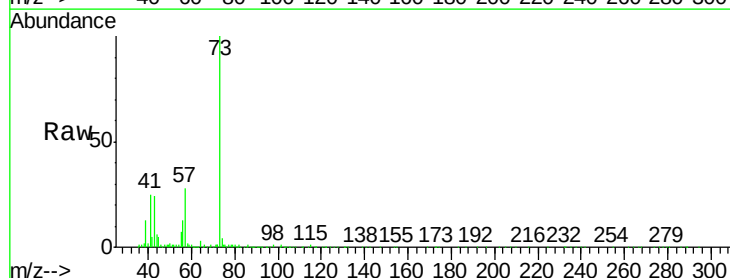
Acq: 11 Feb 2019 13:06

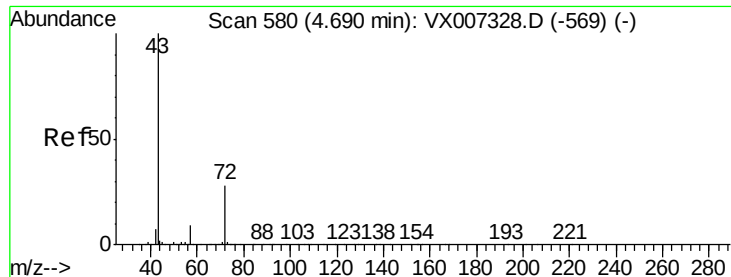
Tgt Ion: 73 Resp: 78619

Ion Ratio Lower Upper

73 100

57 27.6 17.8 26.8#





#25

2-Butanone

Concen: 0.547 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

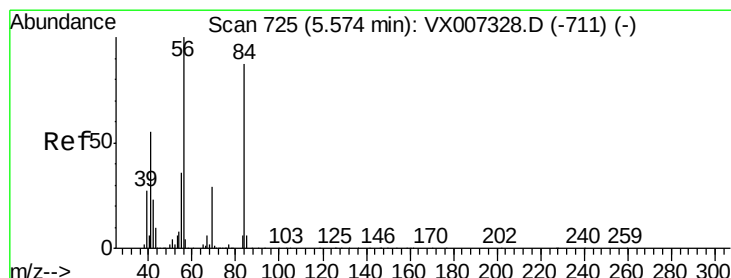
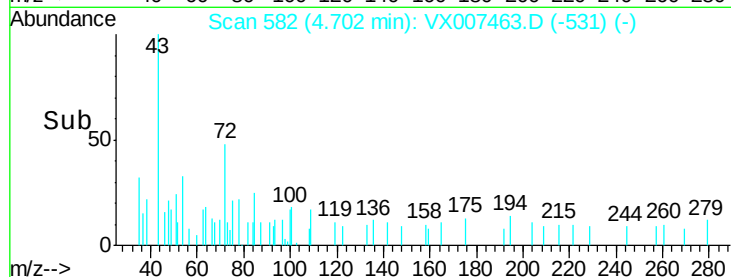
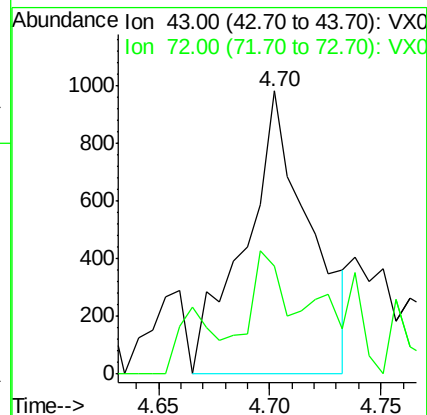
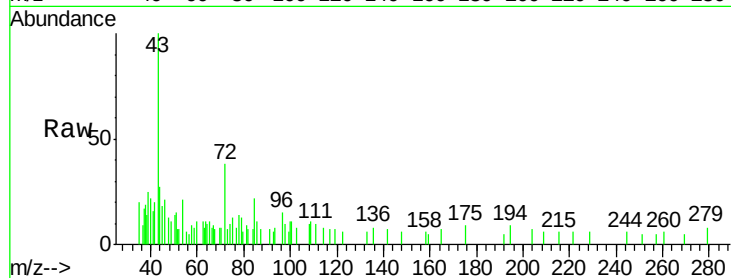
KY001MW030-190207

Tot Ion: 43 Resp: 1978

Ion Ratio Lower Upper

43 100

72 22.1 22.2 33.2#



#31

Cyclohexane

Concen: 4.690 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

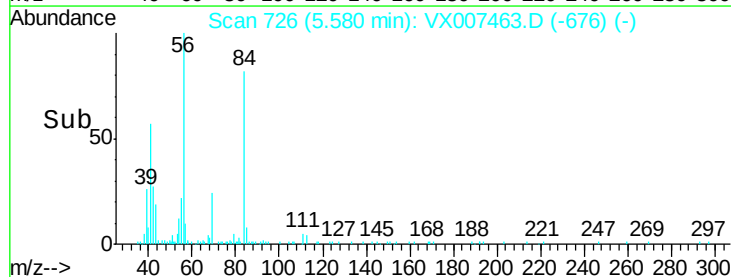
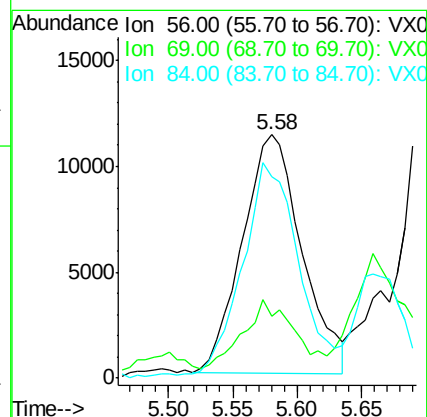
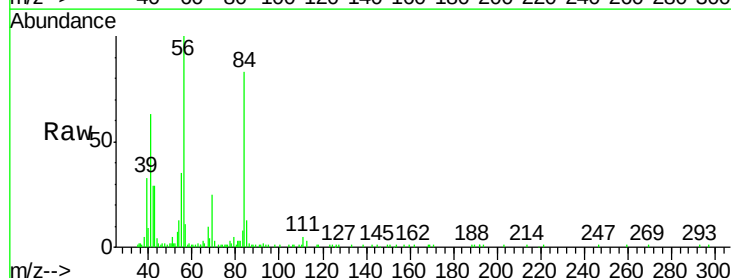
Tgt Ion: 56 Resp: 36180

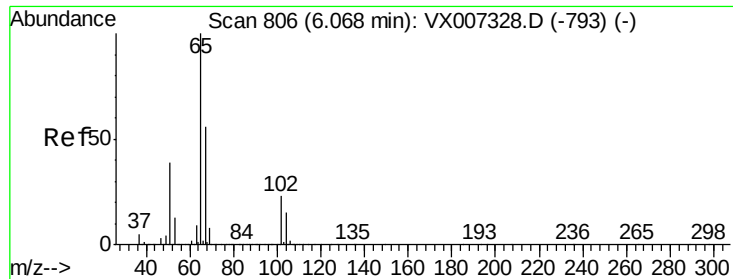
Ion Ratio Lower Upper

56 100

69 21.4 23.0 34.6#

84 83.1 69.8 104.6

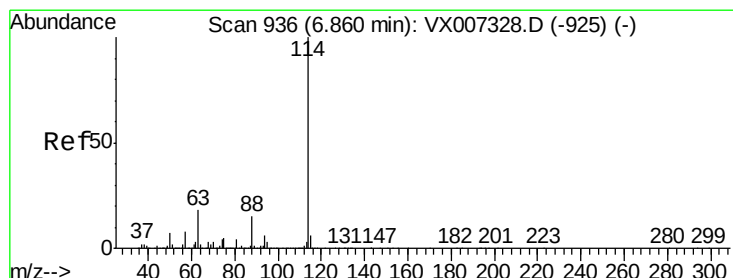
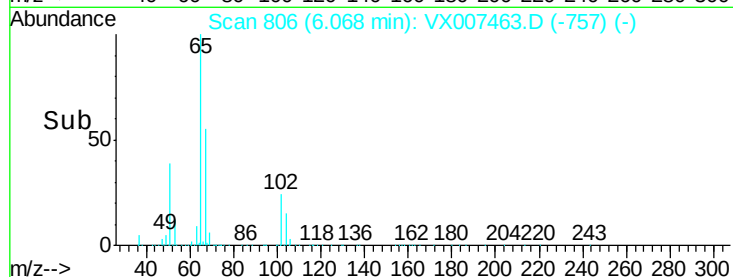
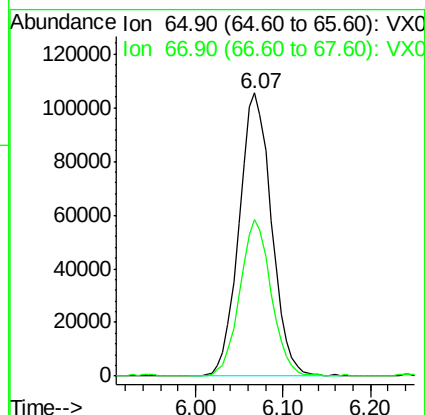
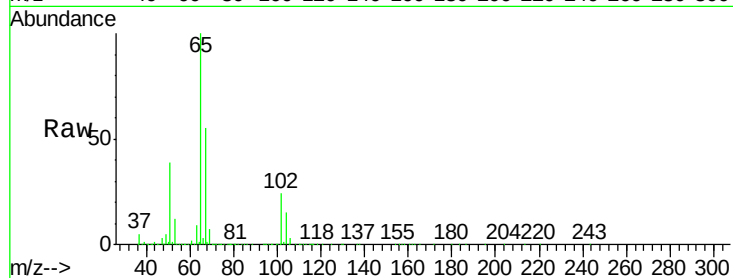




#33
 1,2-Dichloroethane-d4
 Concen: 48.996 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007463.D
 Acq: 11 Feb 2019 13:06

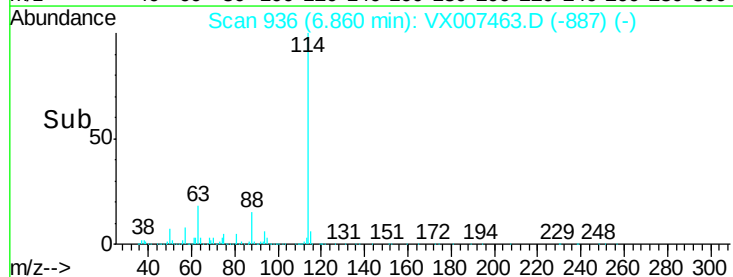
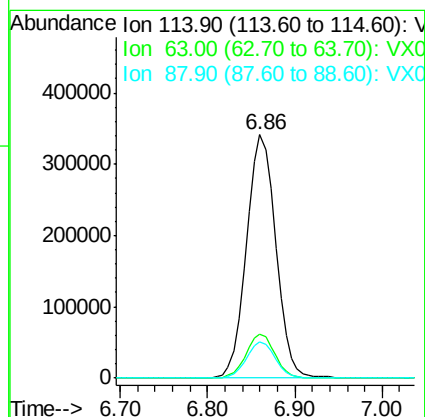
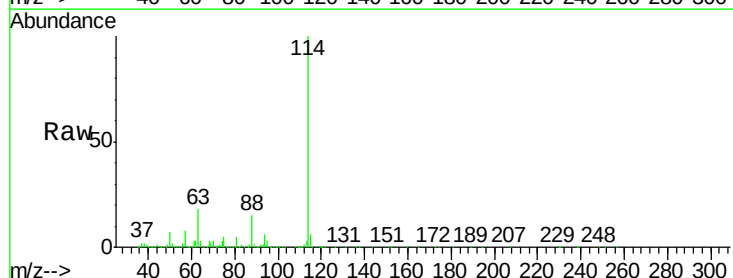
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW030-190207

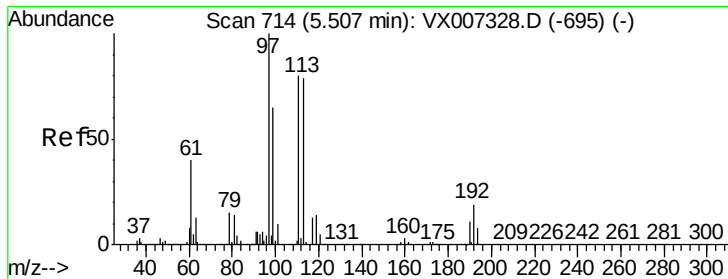
Tot Ion: 65 Resp: 271791
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007463.D
 Acq: 11 Feb 2019 13:06

Tgt Ion: 114 Resp: 794679
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.635 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

KY001MW030-190207

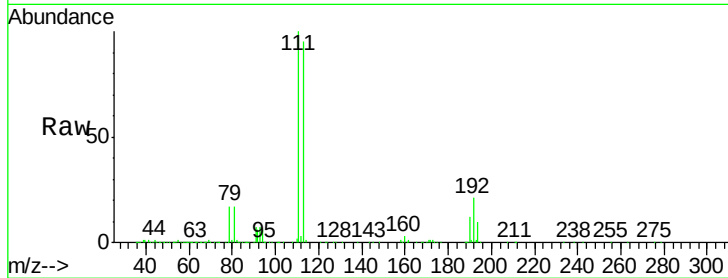
Tot Ion:113 Resp: 251475

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

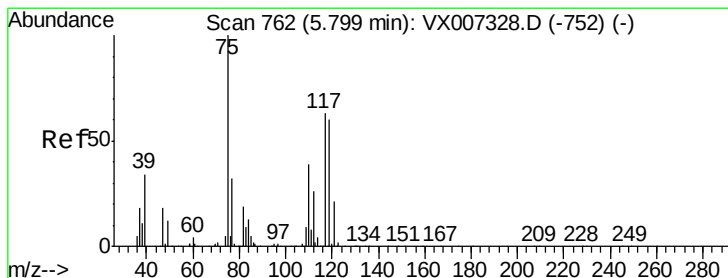
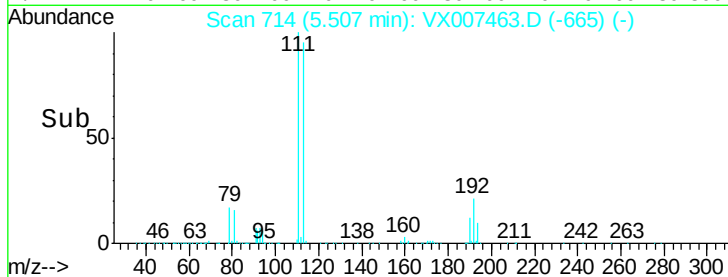
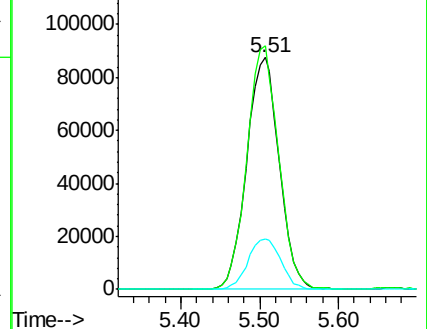
192 22.2 18.5 27.7



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



#36

1,1-Dichloropropene

Concen: 4.620 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

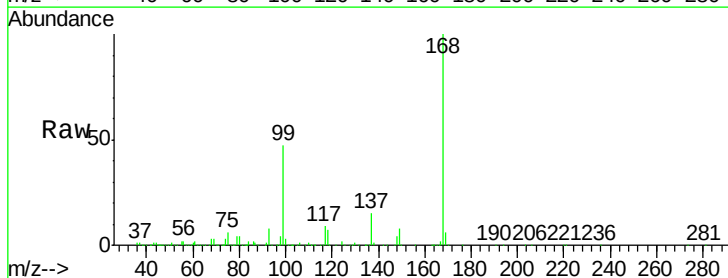
Tgt Ion: 75 Resp: 32944

Ion Ratio Lower Upper

75 100

110 11.4 20.0 59.9#

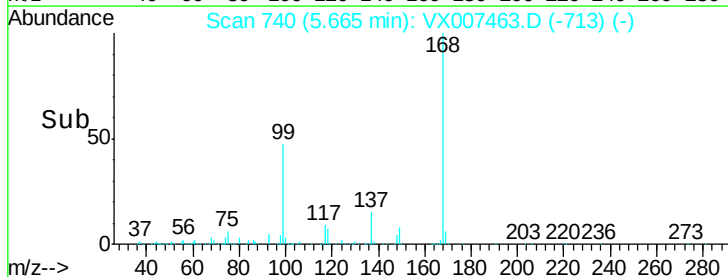
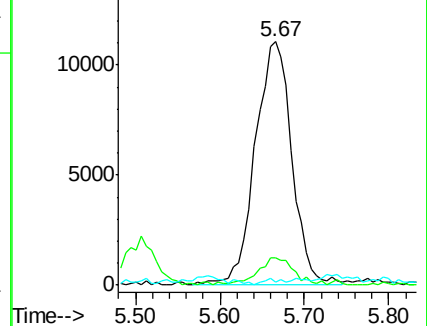
77 0.9 24.7 37.1#

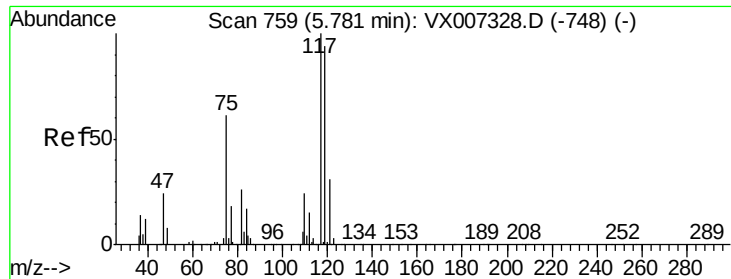


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

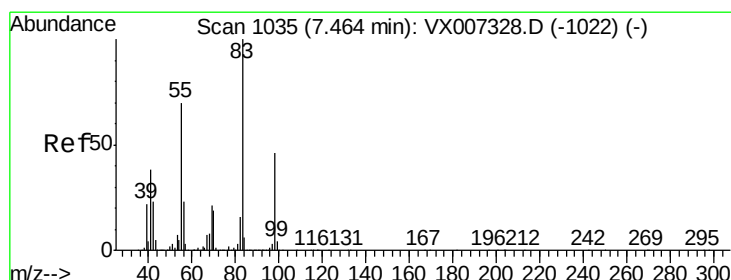
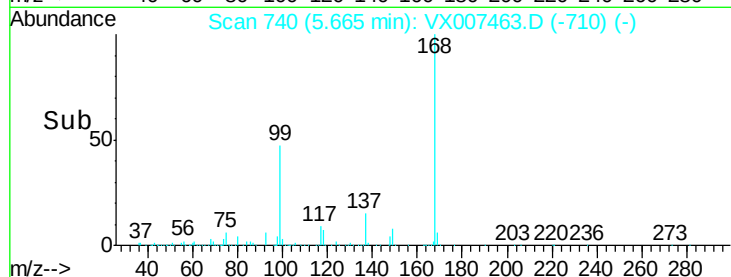
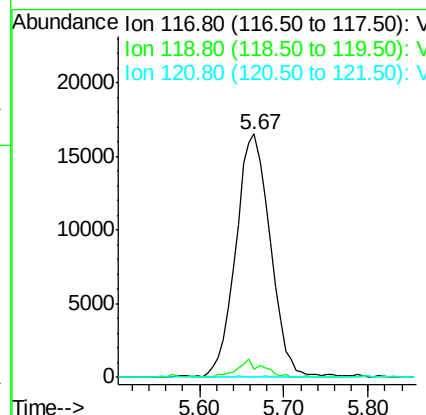
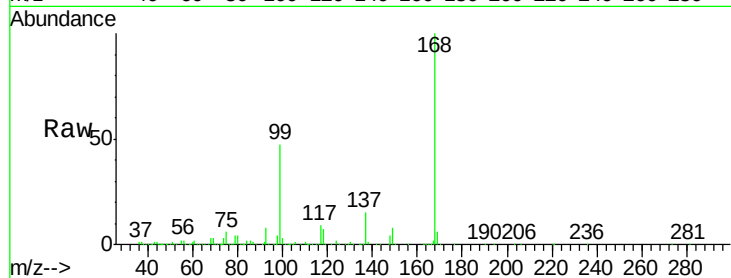




#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

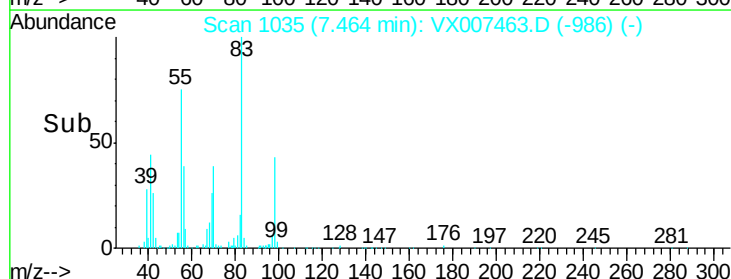
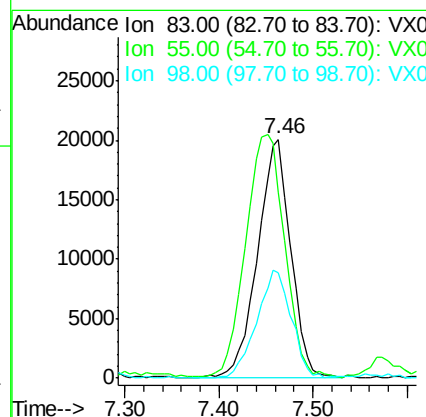
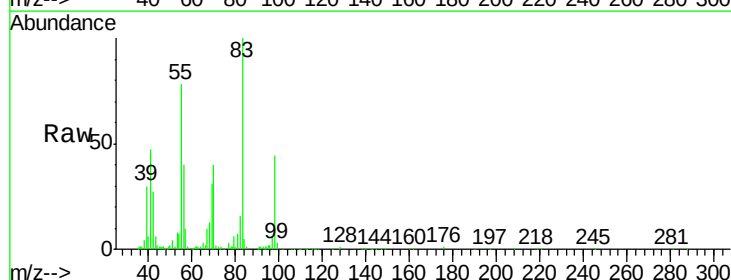
Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

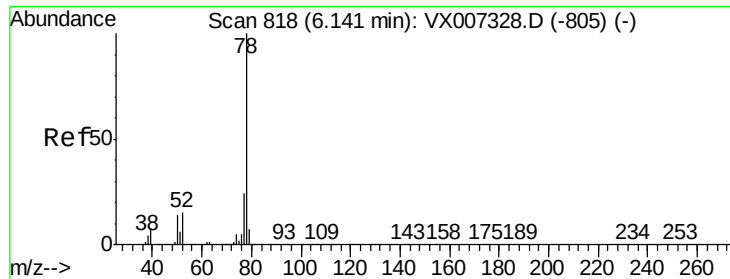
Tot Ion:117 Resp: 45974
Ion Ratio Lower Upper
117 100
119 3.5 75.3 112.9#
121 0.0 25.0 37.4#



#39
Methylcyclohexane
Concen: 5.754 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 83 Resp: 49635
Ion Ratio Lower Upper
83 100
55 78.2 56.2 84.2
98 44.5 36.8 55.2





#40

Benzene

Concen: 0.828 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

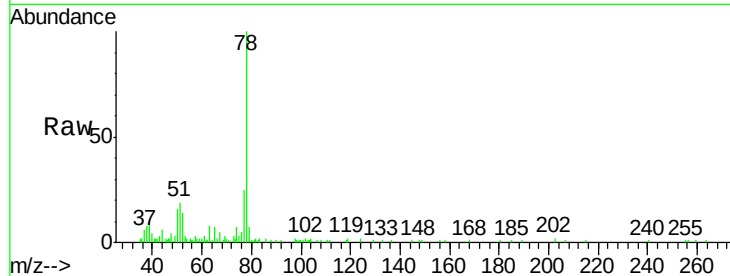
KY001MW030-190207

Tot Ion: 78 Resp: 17381

Ion Ratio Lower Upper

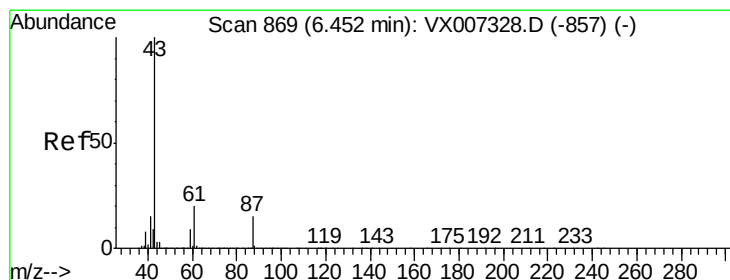
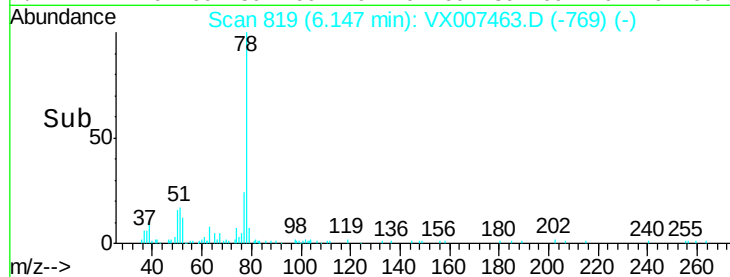
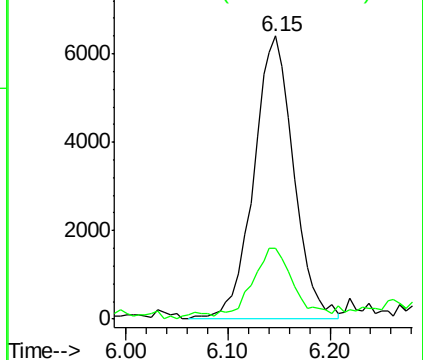
78 100

77 23.4 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 0.391 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

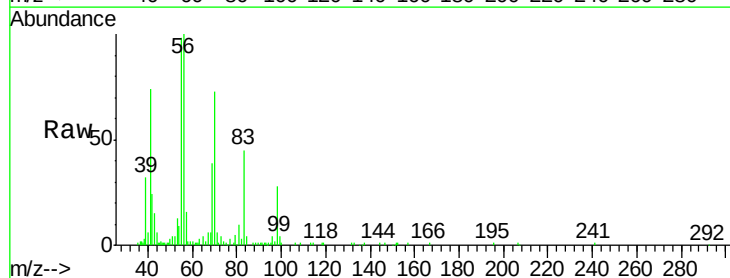
Tgt Ion: 43 Resp: 4352

Ion Ratio Lower Upper

43 100

61 5.1 16.1 24.1#

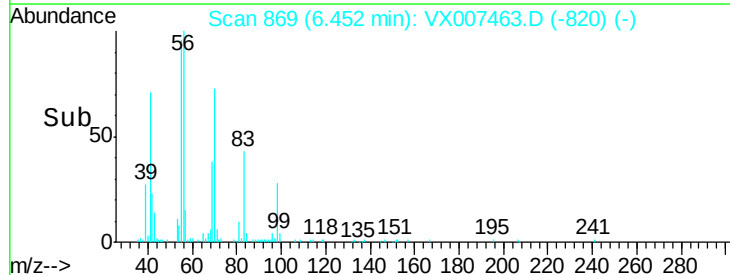
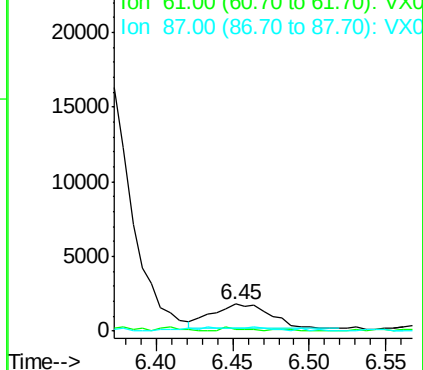
87 13.8 11.5 17.3

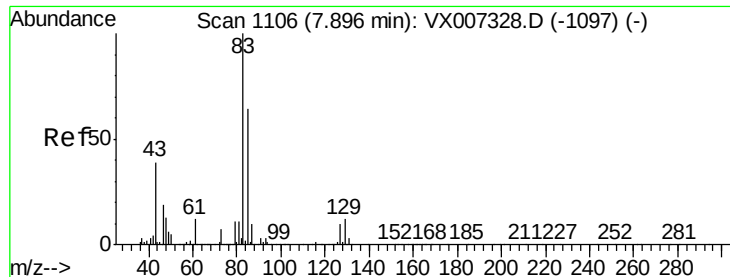


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.275 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

KY001MW030-190207

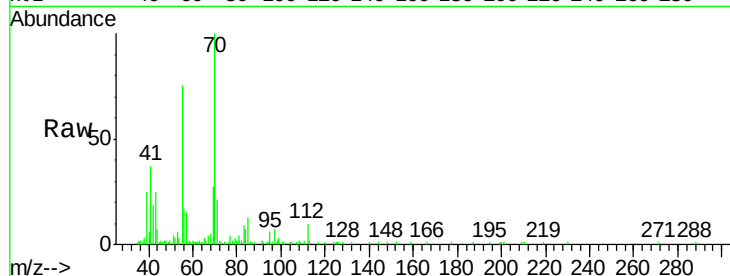
Tot Ion: 83 Resp: 1783

Ion Ratio Lower Upper

83 100

85 144.0 51.4 77.0#

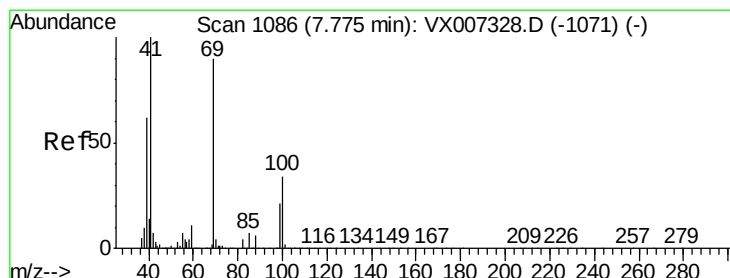
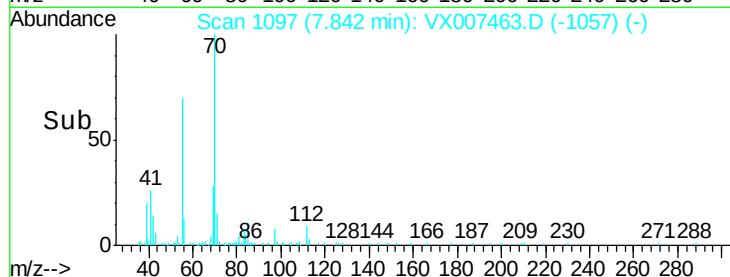
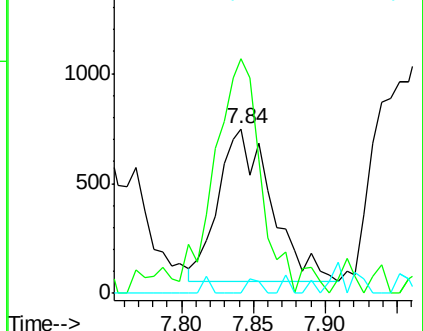
127 0.0 8.1 12.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.672 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.04 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

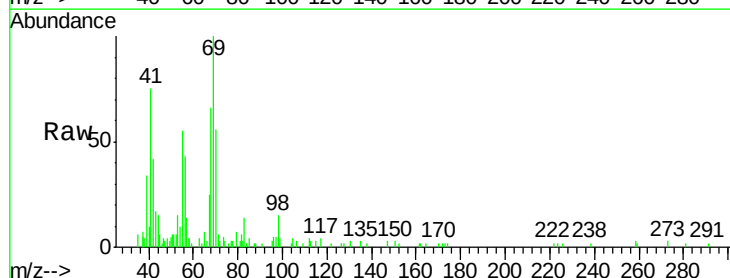
Tgt Ion: 41 Resp: 3738

Ion Ratio Lower Upper

41 100

69 183.3 70.2 105.4#

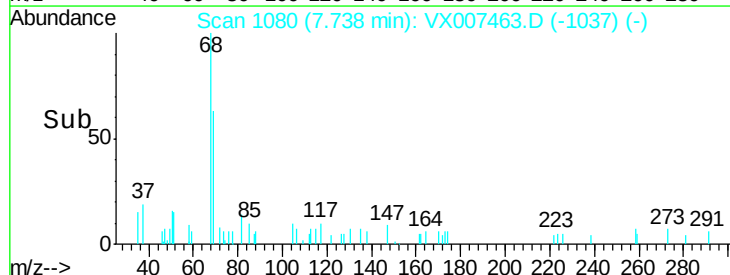
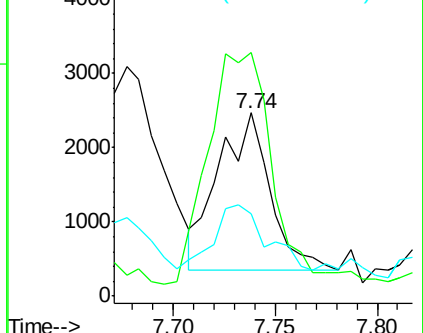
39 43.2 47.4 71.0#

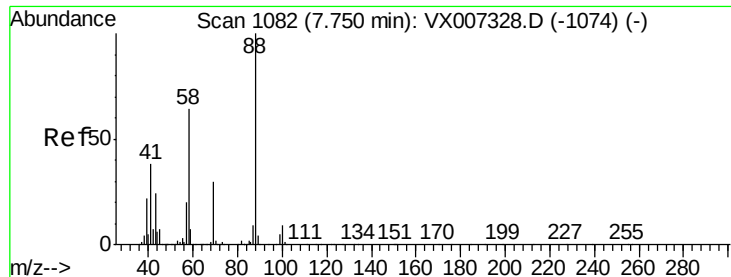


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

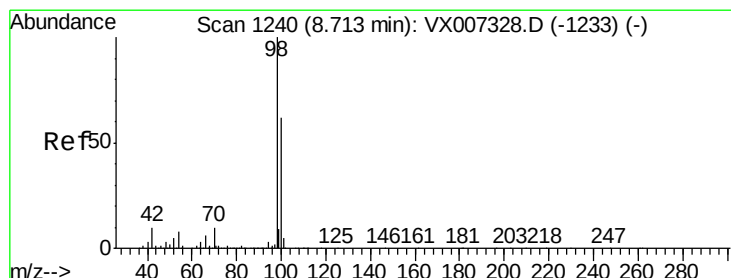
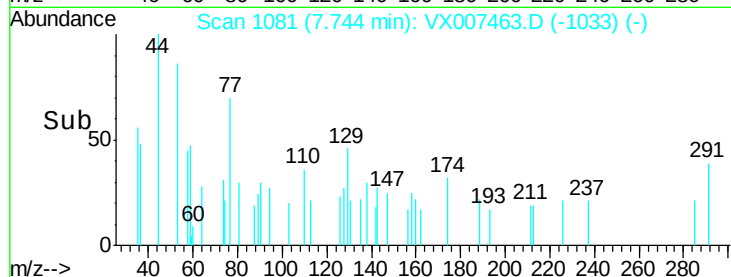
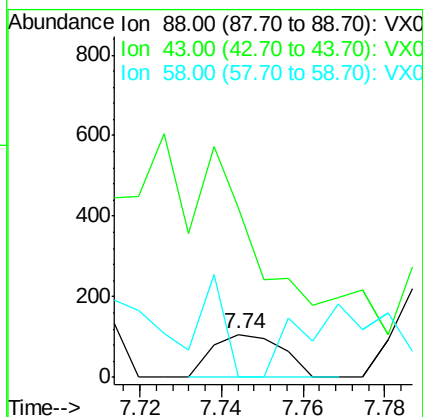
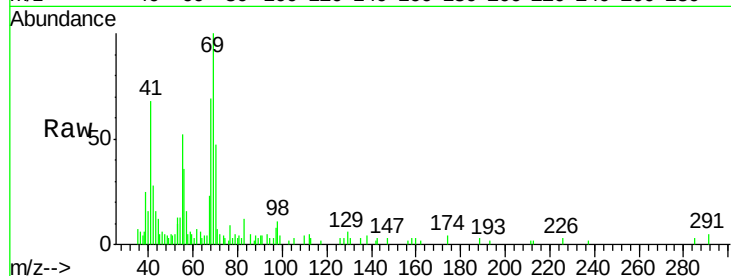




#49
1,4-Dioxane
Concen: 7.875 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

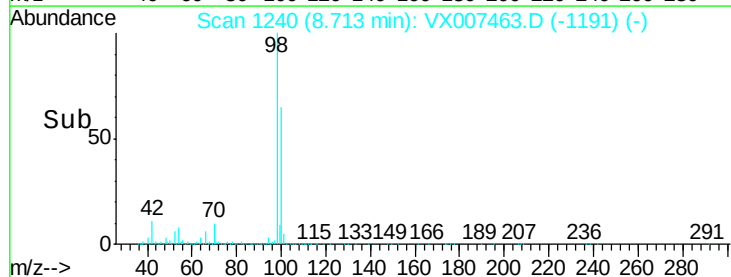
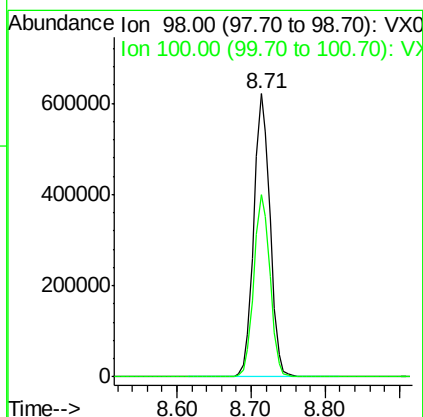
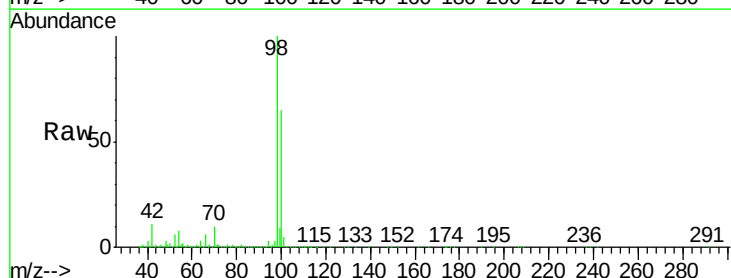
Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

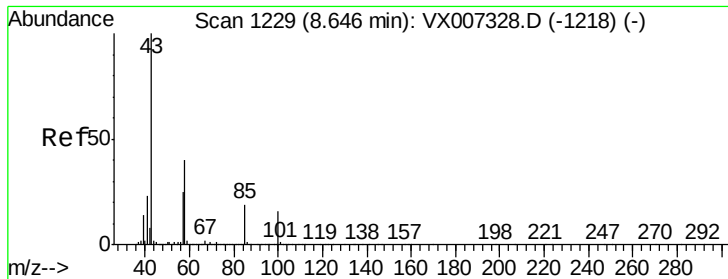
Tot Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 53.0 79.4#



#50
Toluene-d8
Concen: 49.658 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 98 Resp: 952645
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

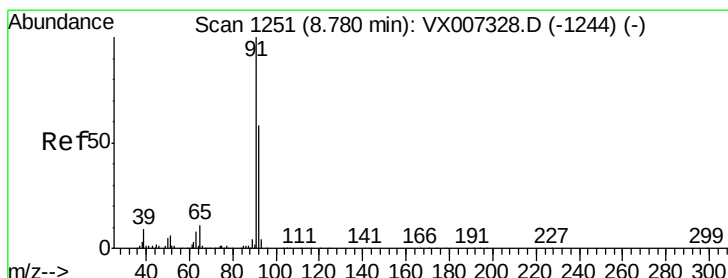
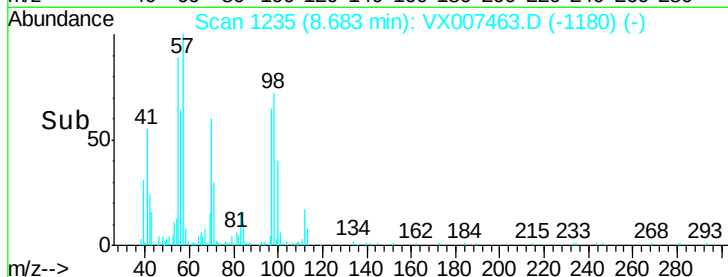
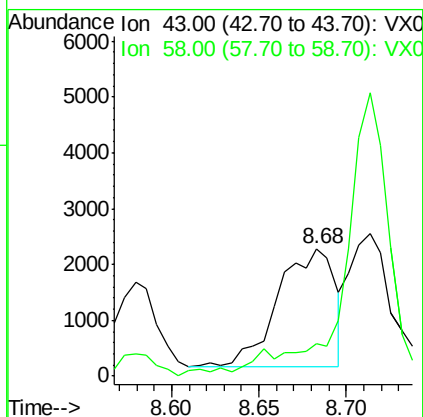
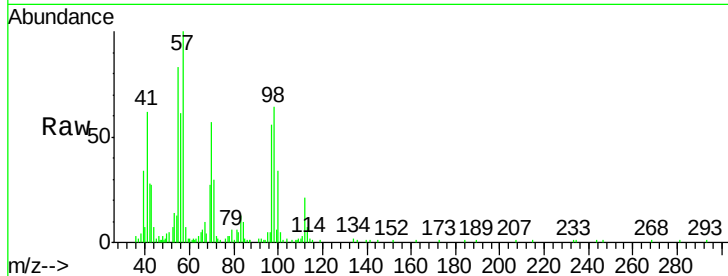




#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 8.68 min Scan# 1235
Delta R.T. 0.04 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

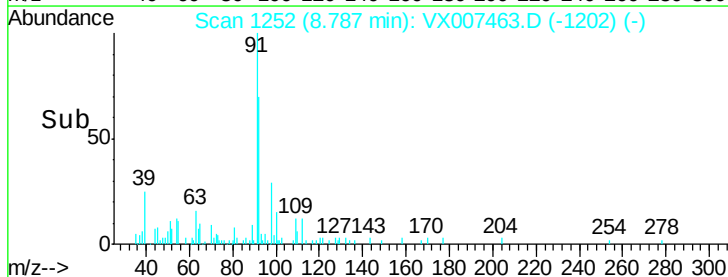
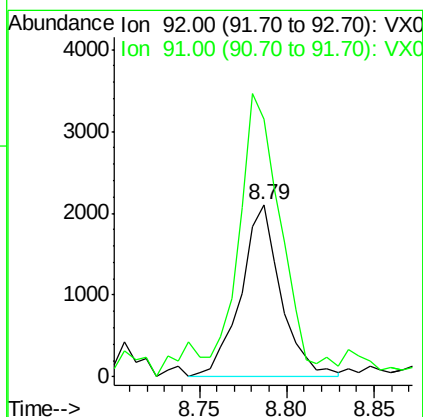
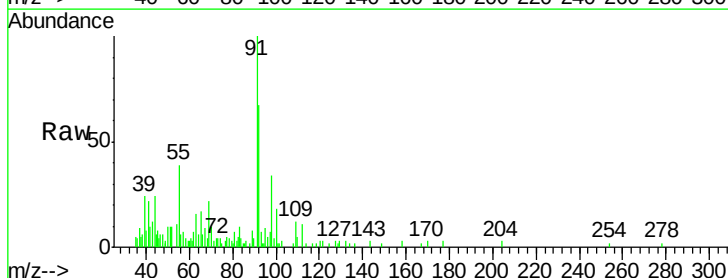
Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

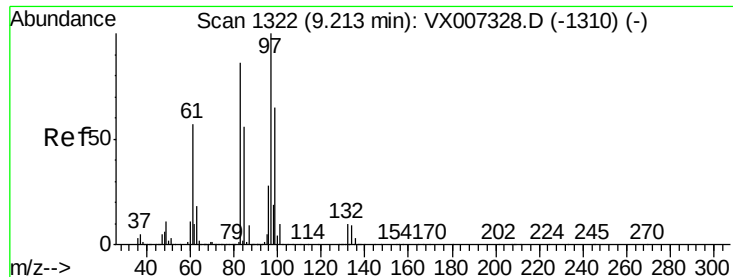
Tot Ion: 43 Resp: 4858
Ion Ratio Lower Upper
43 100
58 0.0 31.2 46.8#



#52
Toluene
Concen: 0.248 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 92 Resp: 3364
Ion Ratio Lower Upper
92 100
91 155.8 139.1 208.7





#55

1,1,2-Trichloroethane

Concen: 4.419 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

KY001MW030-190207

Tot Ion: 97 Resp: 24962

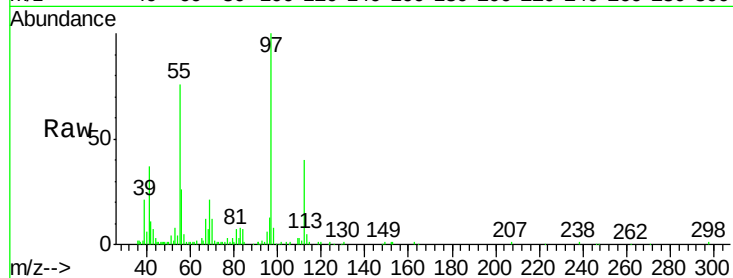
Ion Ratio Lower Upper

97 100

83 7.2 68.6 102.8#

85 1.3 44.5 66.7#

99 0.3 52.2 78.4#

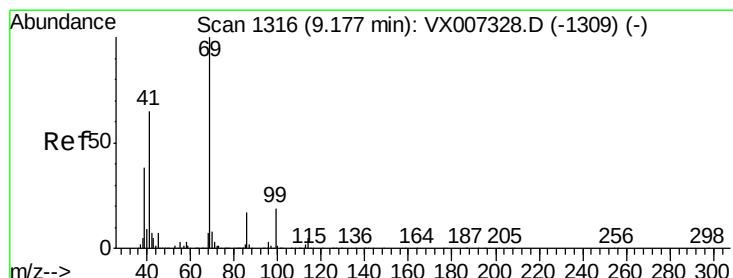
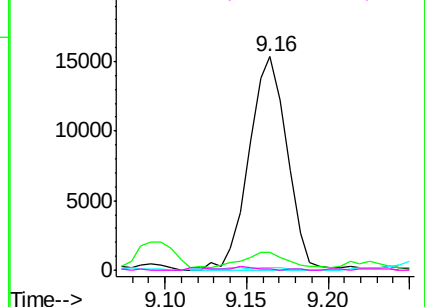
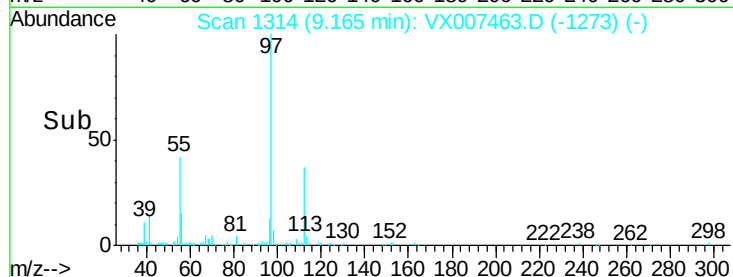


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.694 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

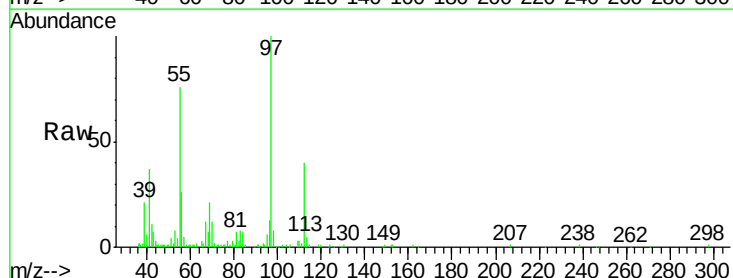
Tgt Ion: 69 Resp: 5431

Ion Ratio Lower Upper

69 100

41 162.1 52.1 78.1#

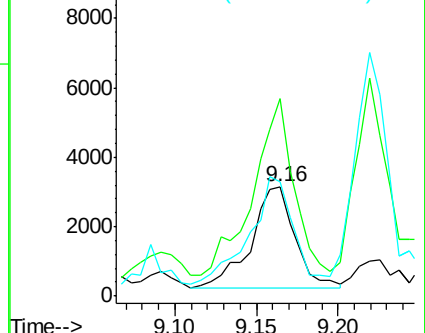
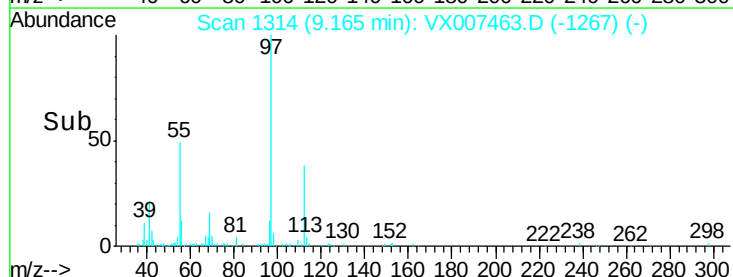
39 105.1 30.1 45.1#

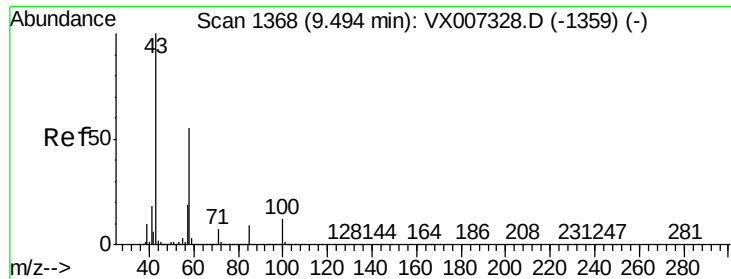


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

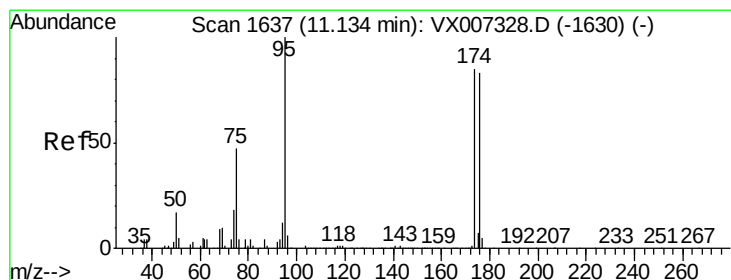
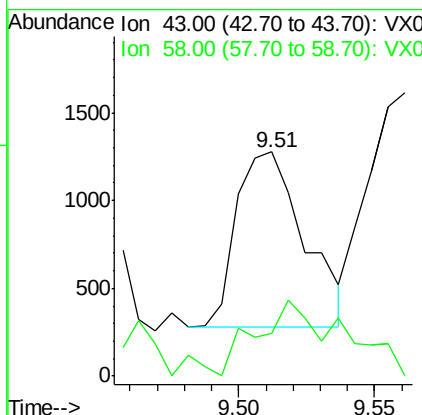
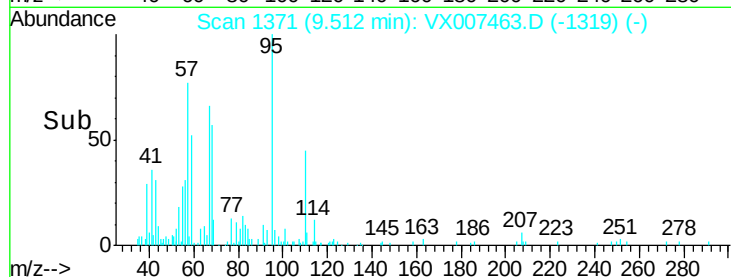
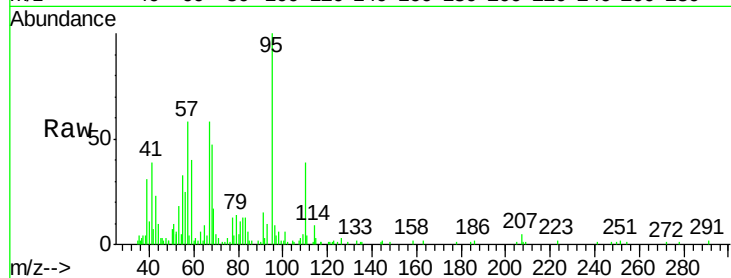




#59
2-Hexanone
Concen: 0.302 ug/l
RT: 9.51 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

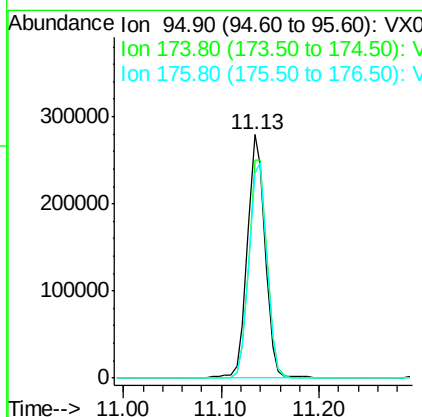
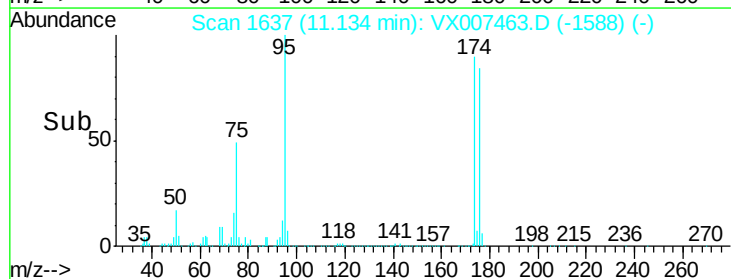
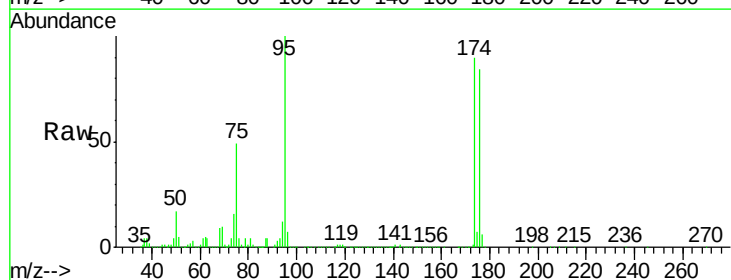
Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

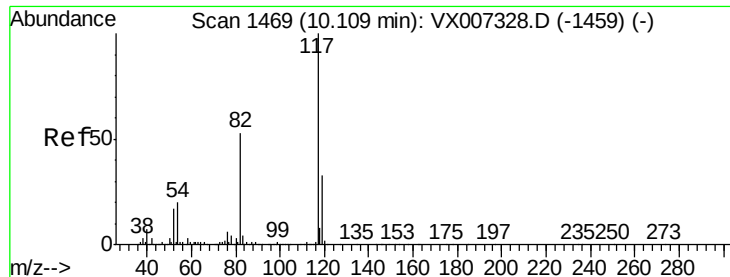
Tot Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 49.832 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 95 Resp: 349028
Ion Ratio Lower Upper
95 100
174 93.1 0.0 189.2
176 90.3 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

KY001MW030-190207

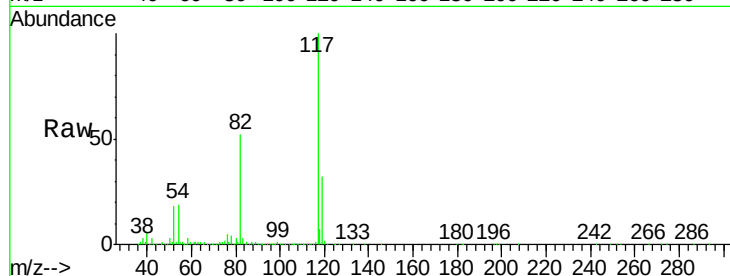
Tot Ion:117 Resp: 744568

Ion Ratio Lower Upper

117 100

82 51.6 42.1 63.1

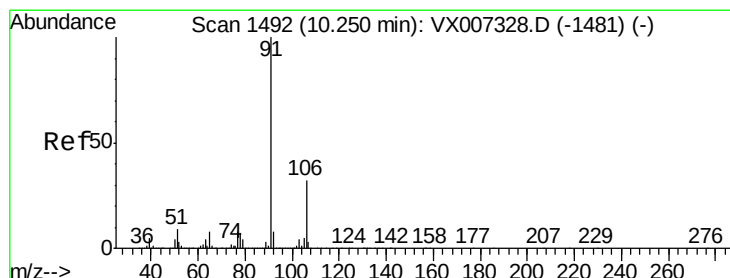
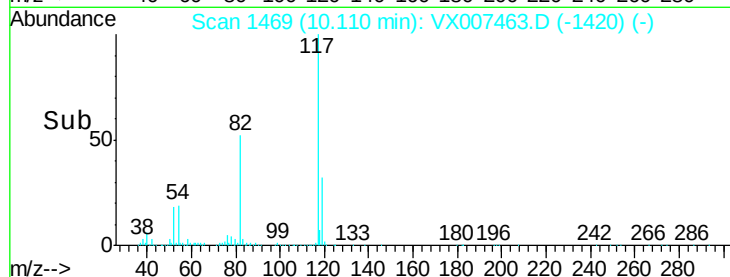
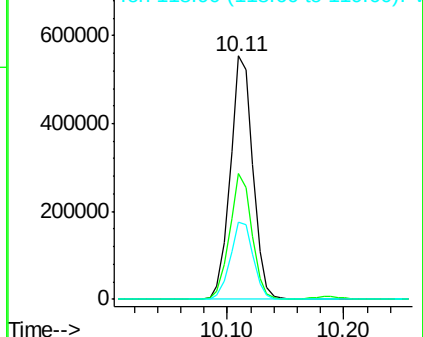
119 31.9 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.384 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX007463.D

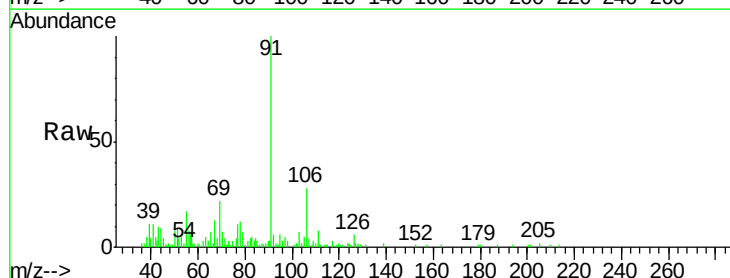
Acq: 11 Feb 2019 13:06

Tgt Ion: 91 Resp: 10040

Ion Ratio Lower Upper

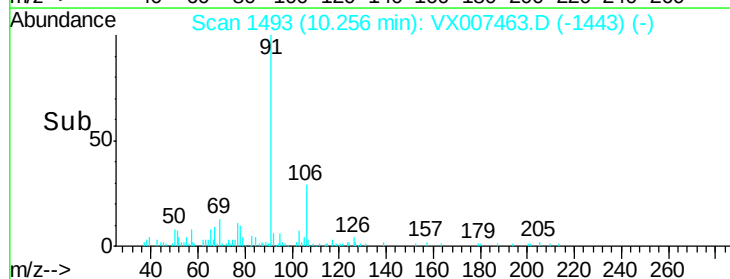
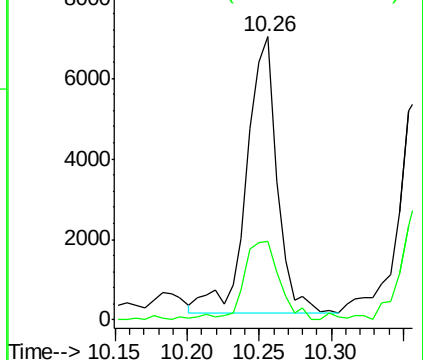
91 100

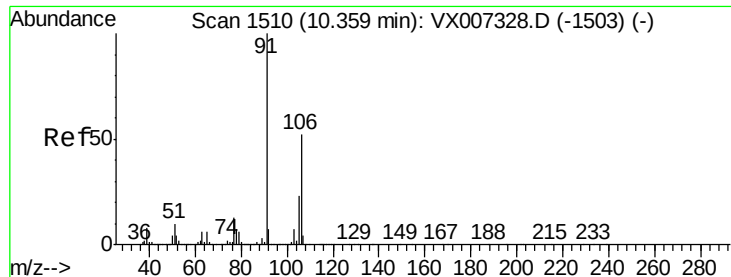
106 27.8 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 0.403 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

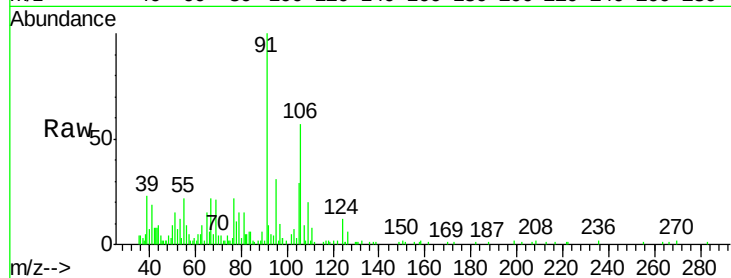
KY001MW030-190207

Tot Ion:106 Resp: 4195

Ion Ratio Lower Upper

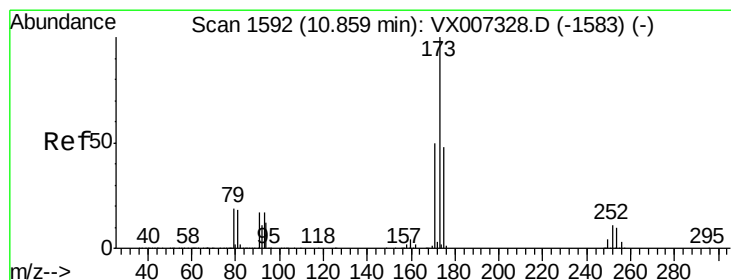
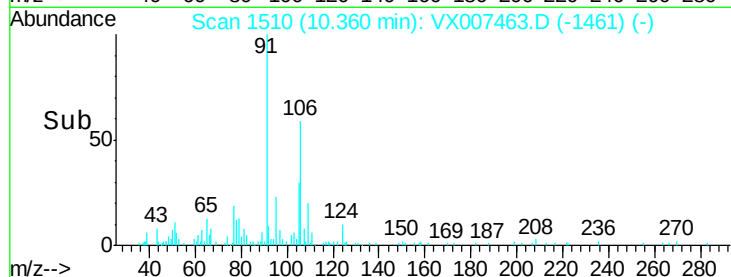
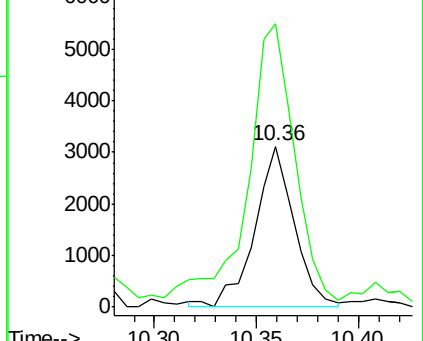
106 100

91 201.3 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#71

Bromoform

Concen: 4.047 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.04 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

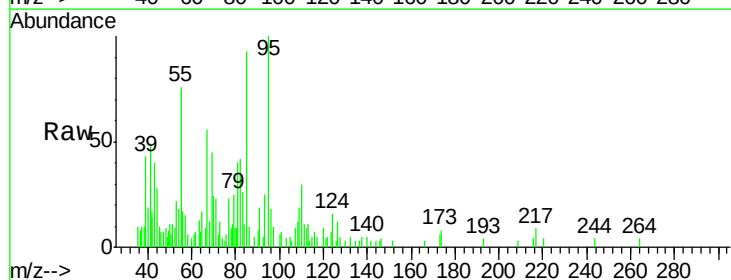
Tgt Ion:173 Resp: 90

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

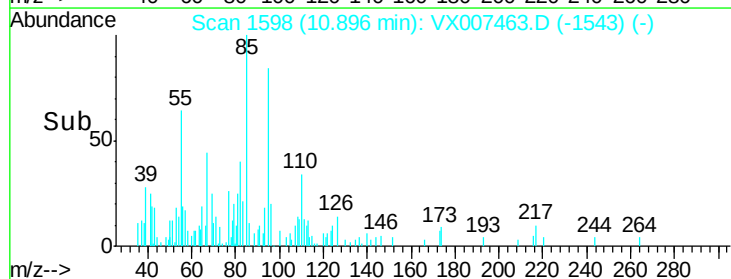
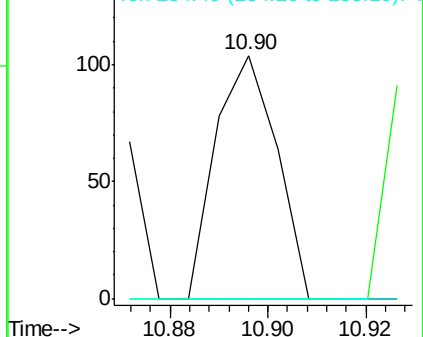
254 0.0 0.2 0.2#

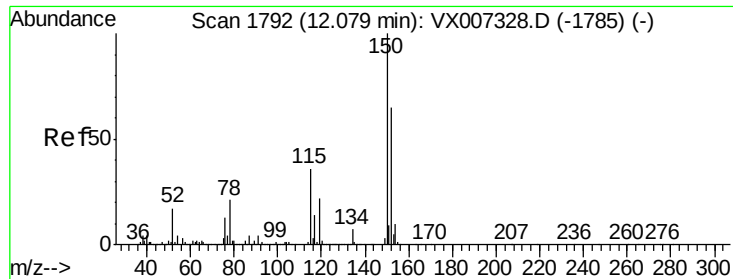


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

KY001MW030-190207

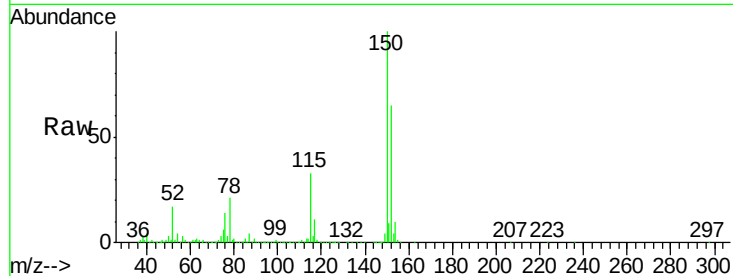
Tot Ion:152 Resp: 375829

Ion Ratio Lower Upper

152 100

115 53.4 38.0 114.0

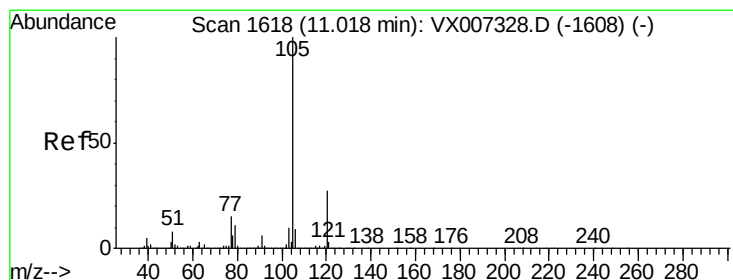
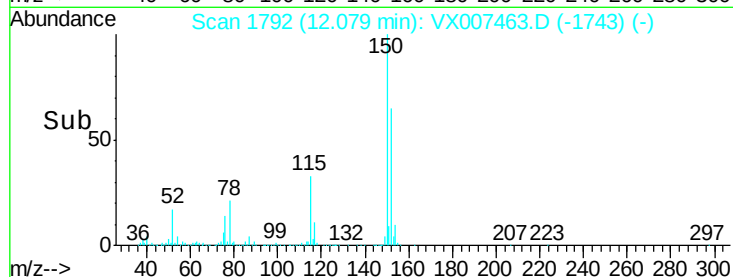
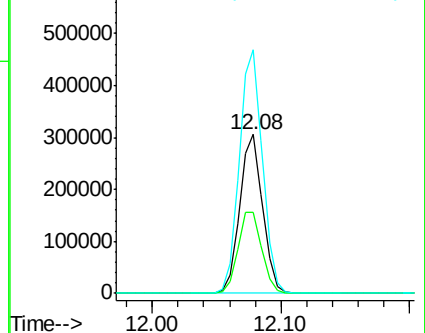
150 155.0 0.0 346.4



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



#73

Isopropylbenzene

Concen: 49.350 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007463.D

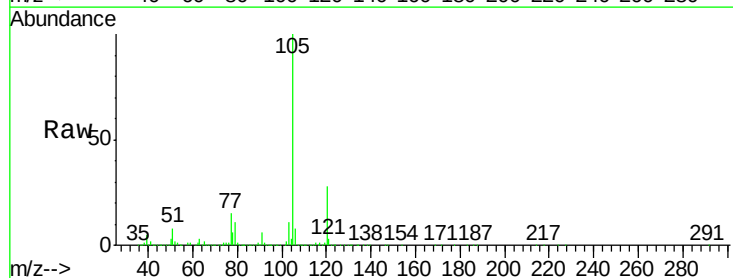
Acq: 11 Feb 2019 13:06

Tgt Ion:105 Resp: 1260387

Ion Ratio Lower Upper

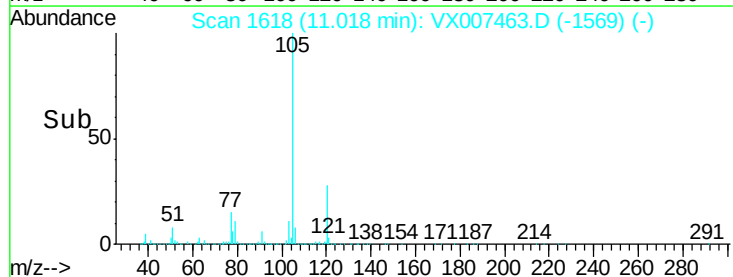
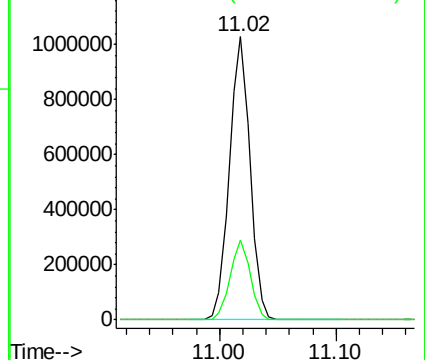
105 100

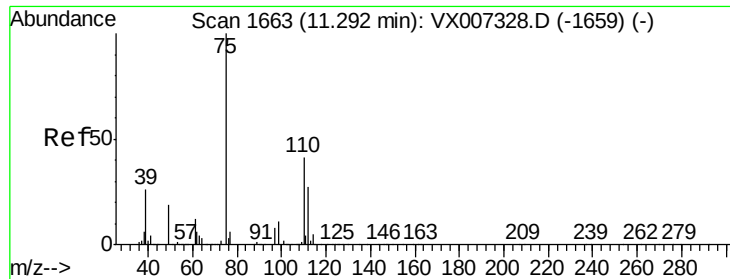
120 27.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

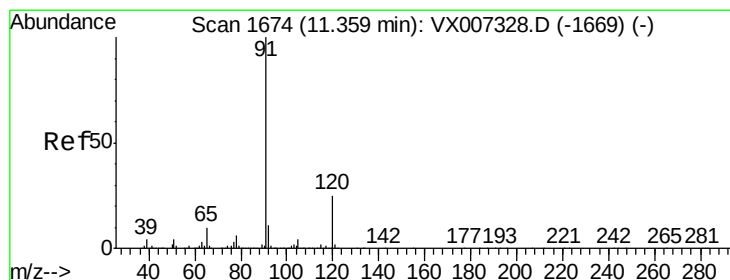
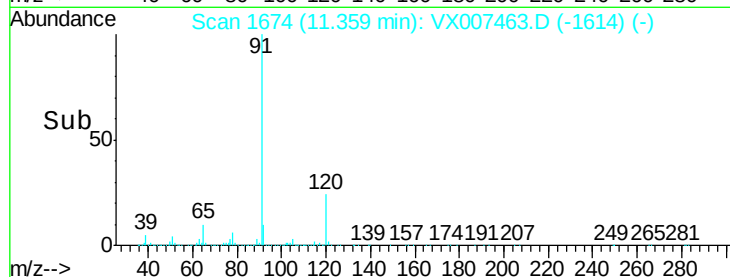
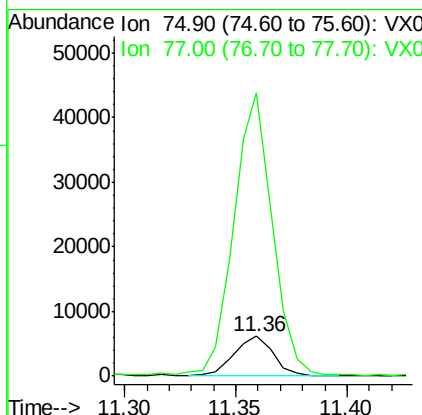
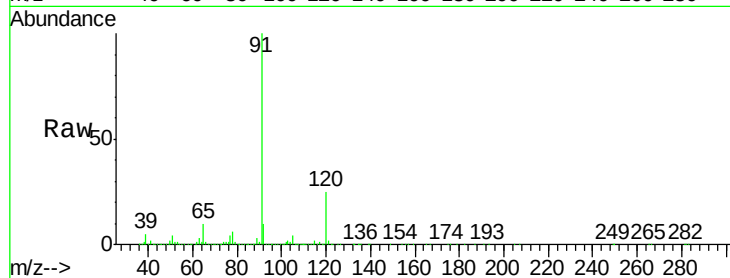




#76
 1,2,3-Trichloropropane
 Concen: 1.050 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.07 min
 Lab File: VX007463.D
 Acq: 11 Feb 2019 13:06

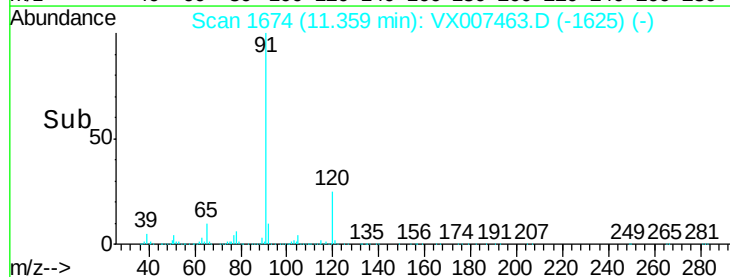
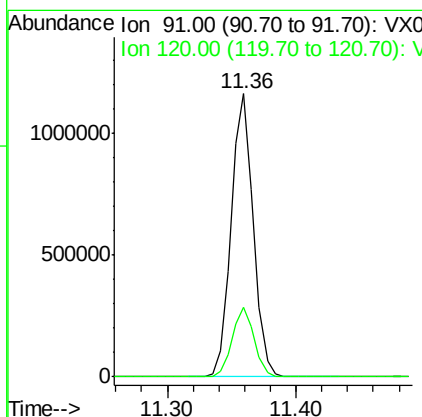
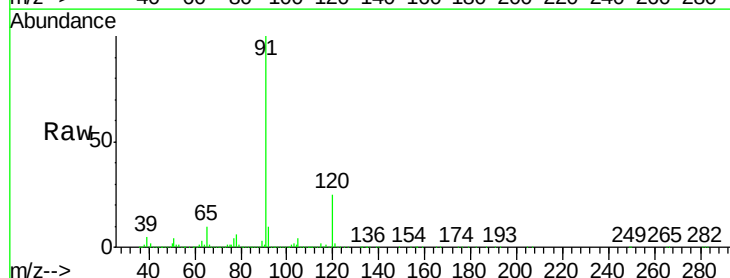
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW030-190207

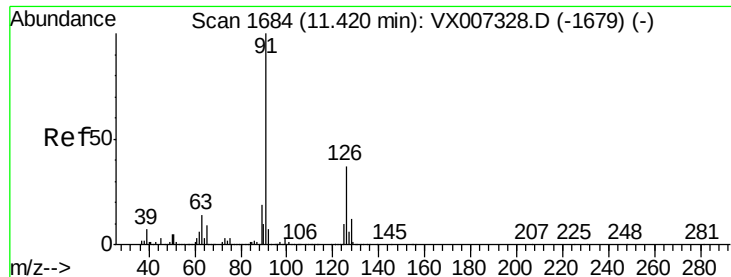
Tot Ion: 75 Resp: 7675
 Ion Ratio Lower Upper
 75 100
 77 685.0 23.0 69.0#



#78
 n-propylbenzene
 Concen: 49.804 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX007463.D
 Acq: 11 Feb 2019 13:06

Tgt Ion: 91 Resp: 1394805
 Ion Ratio Lower Upper
 91 100
 120 24.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 82.080 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

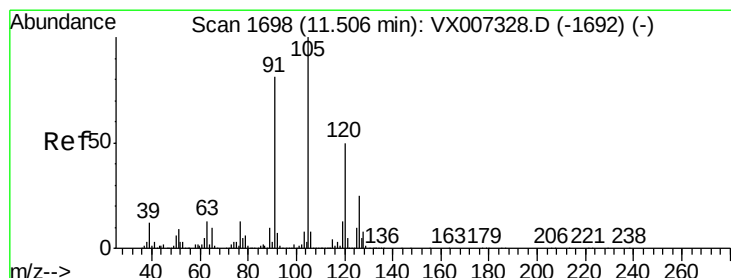
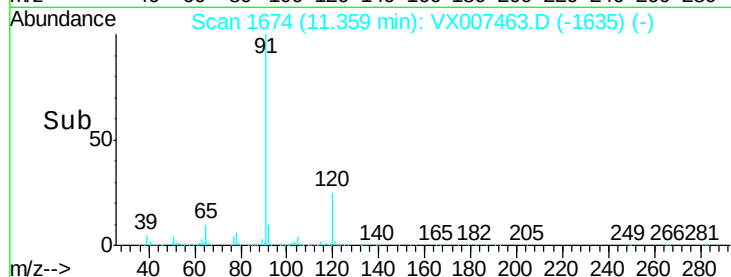
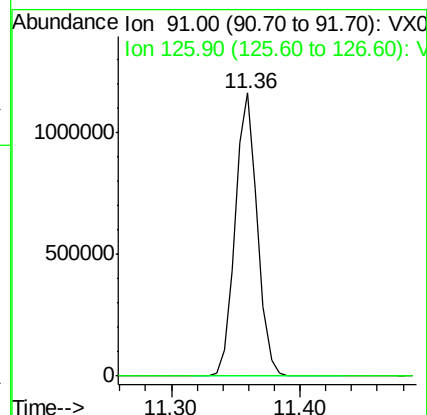
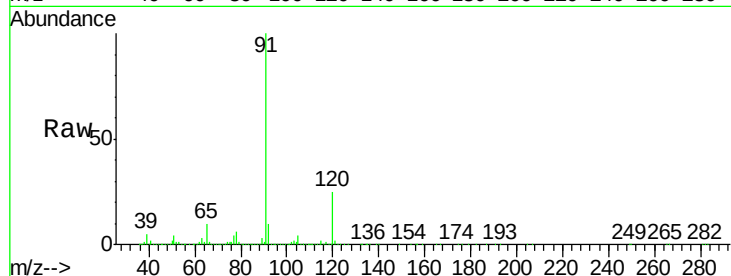
KY001MW030-190207

Tot Ion: 91 Resp: 1394805

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#



#80

1,3,5-Trimethylbenzene

Concen: 3.307 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX007463.D

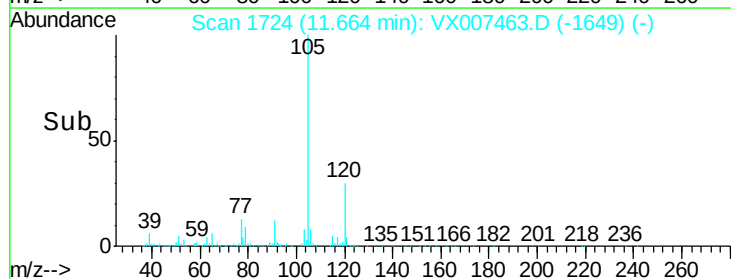
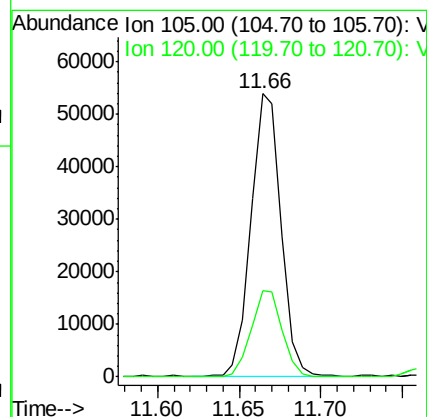
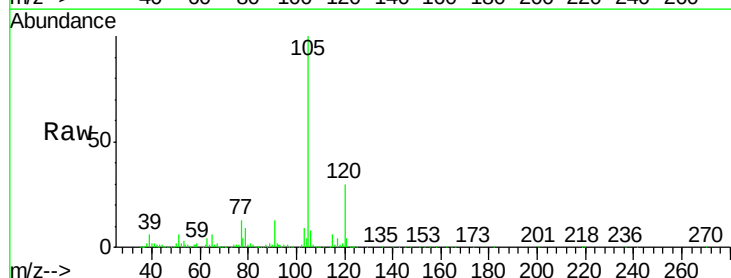
Acq: 11 Feb 2019 13:06

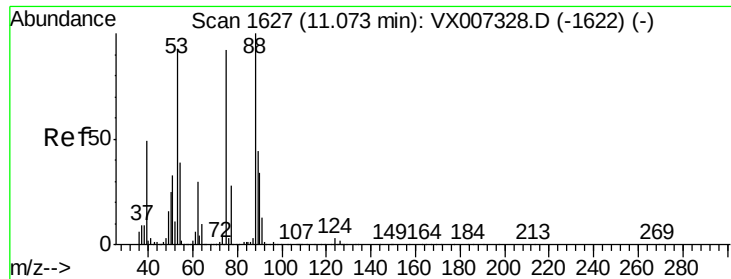
Tgt Ion:105 Resp: 69100

Ion Ratio Lower Upper

105 100

120 31.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.786 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

KY001MW030-190207

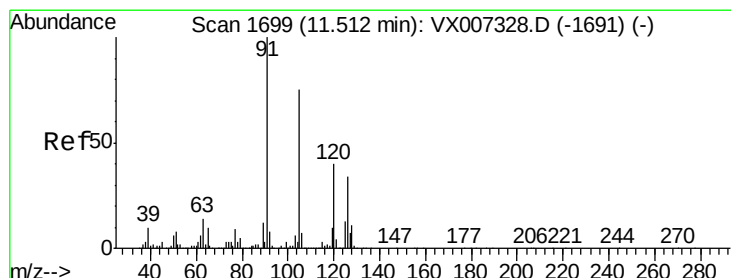
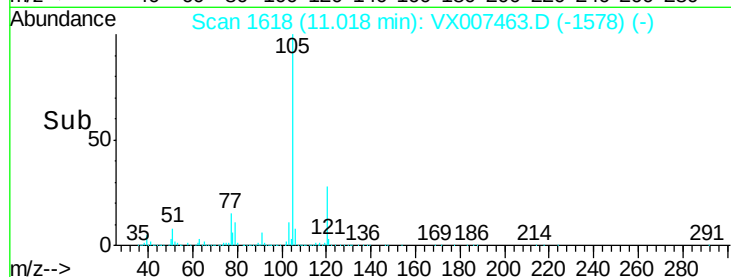
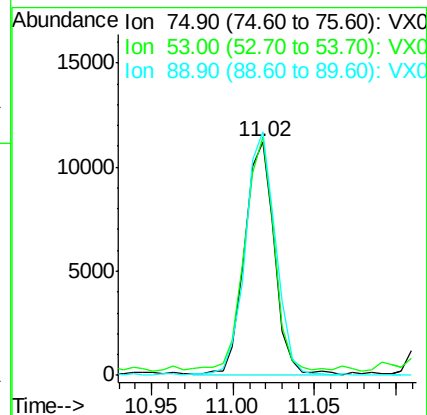
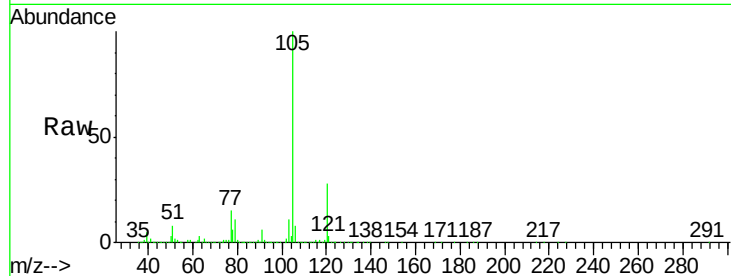
Tot Ion: 75 Resp: 14358

Ion Ratio Lower Upper

75 100

53 96.0 81.0 121.6

89 106.2 41.4 62.0#



#82

4-Chlorotoluene

Concen: 70.935 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX007463.D

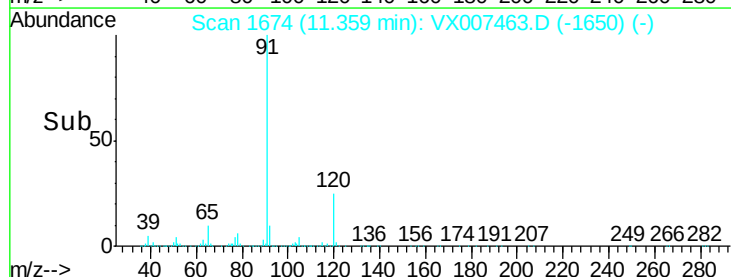
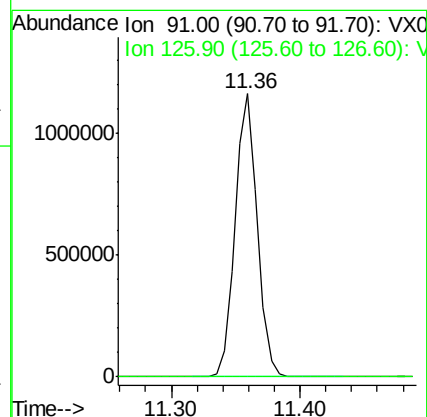
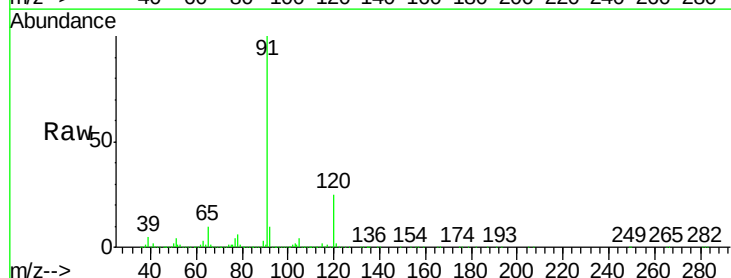
Acq: 11 Feb 2019 13:06

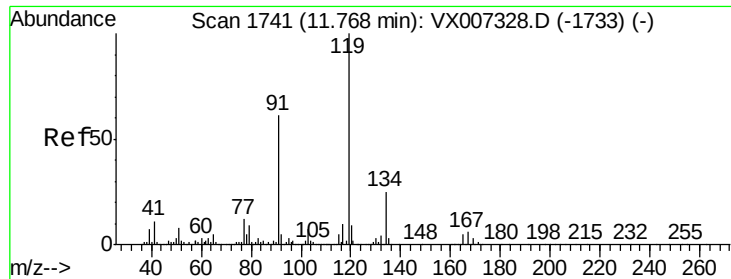
Tgt Ion: 91 Resp: 1394805

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.5#

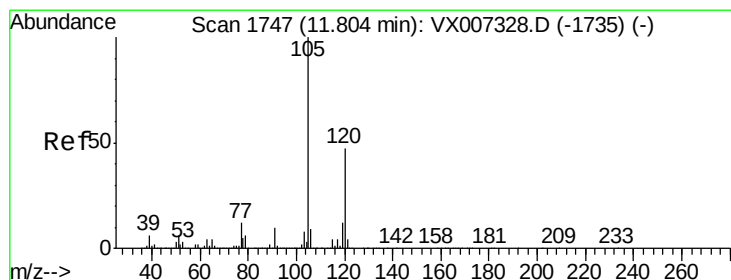
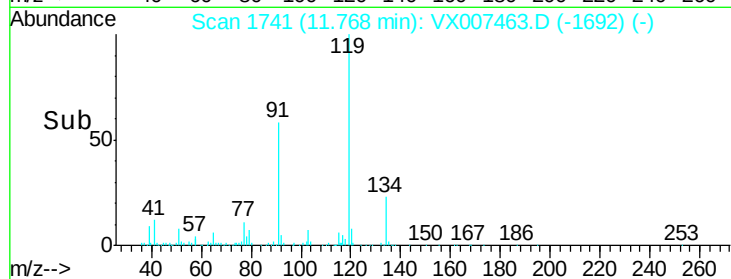
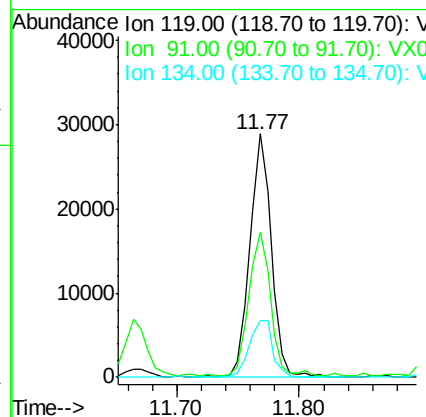
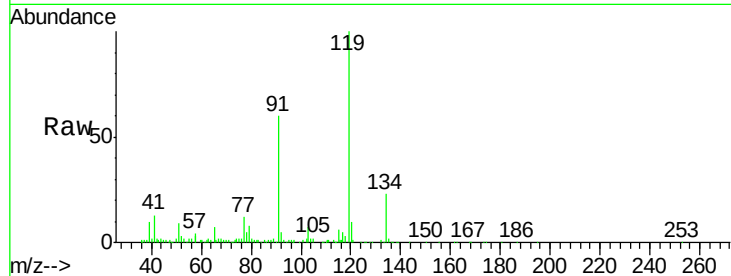




#83
 tert-Butylbenzene
 Concen: 1.713 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007463.D
 Acq: 11 Feb 2019 13:06

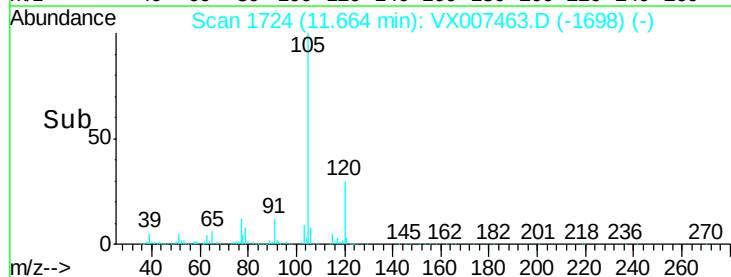
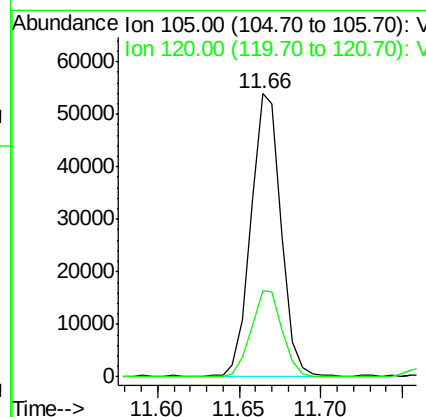
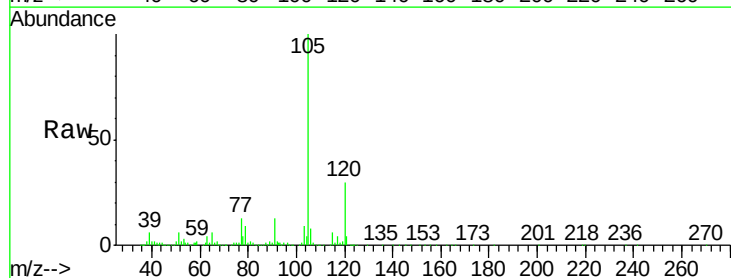
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW030-190207

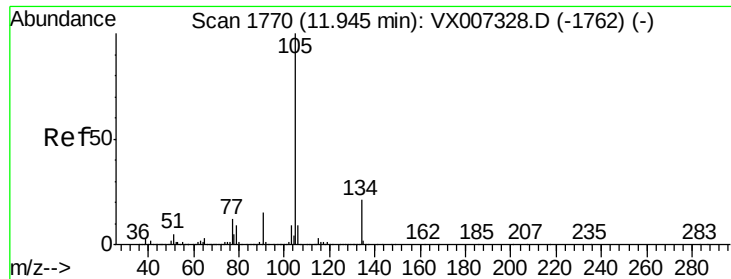
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	28.5	85.6
134	25.6	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 3.257 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. -0.14 min
 Lab File: VX007463.D
 Acq: 11 Feb 2019 13:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	31.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 5.949 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

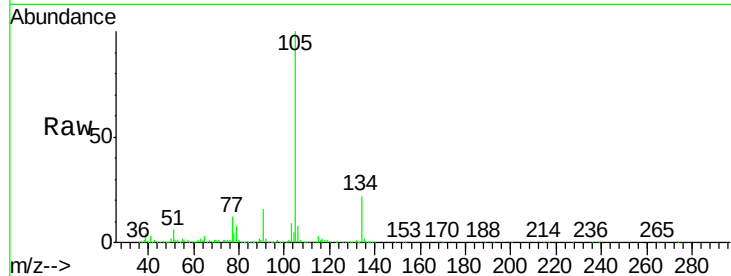
KY001MW030-190207

Tot Ion:105 Resp: 148949

Ion Ratio Lower Upper

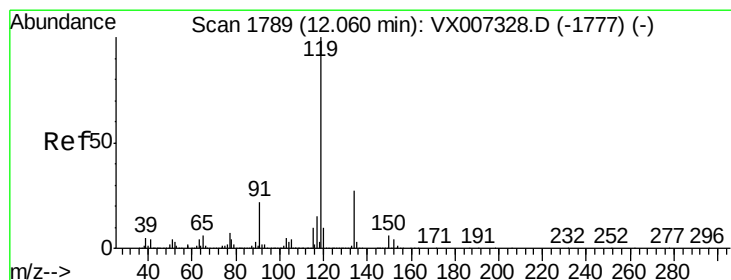
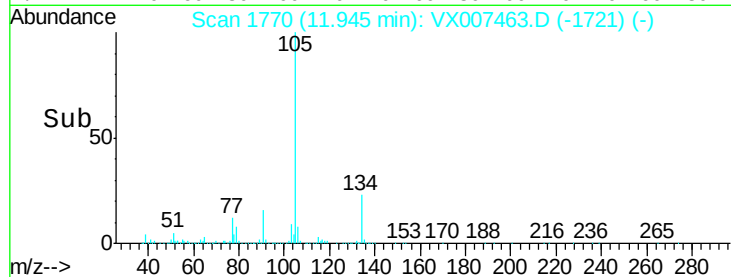
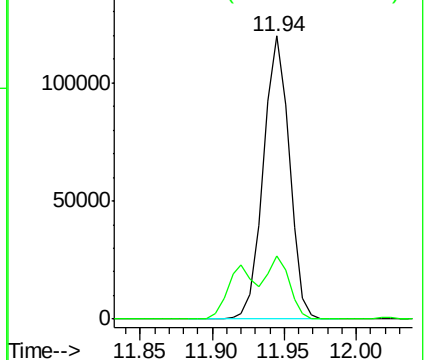
105 100

134 19.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.827 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

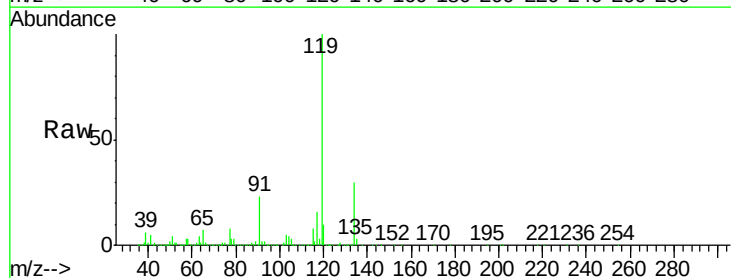
Tgt Ion:119 Resp: 154295

Ion Ratio Lower Upper

119 100

134 29.6 13.7 41.1

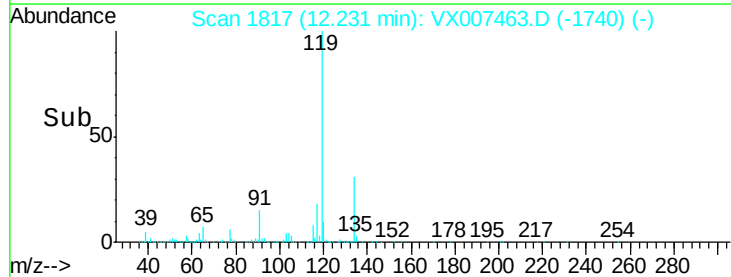
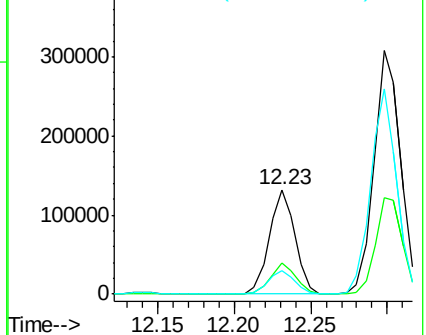
91 23.4 11.2 33.5

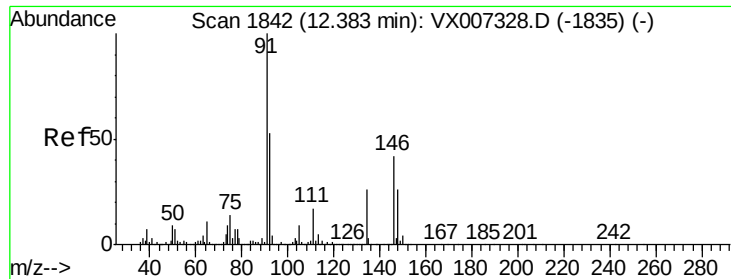


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

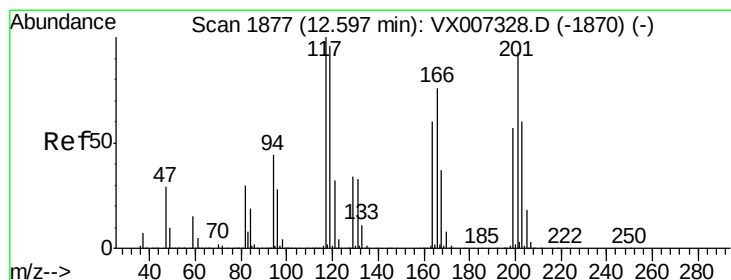
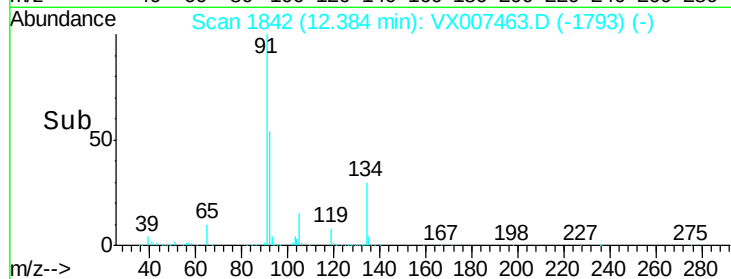
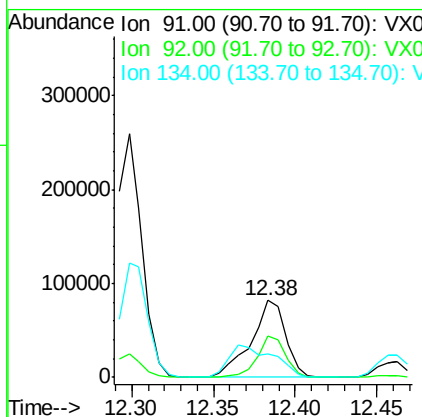
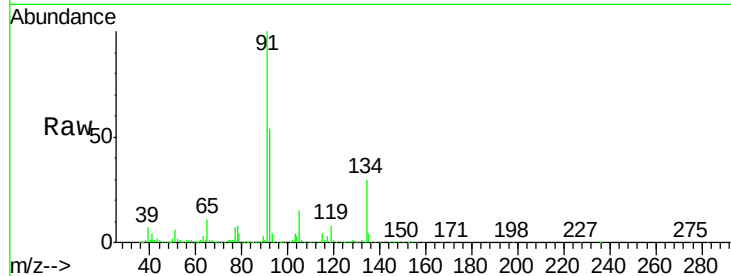




#89
n-Butylbenzene
Concen: 6.195 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

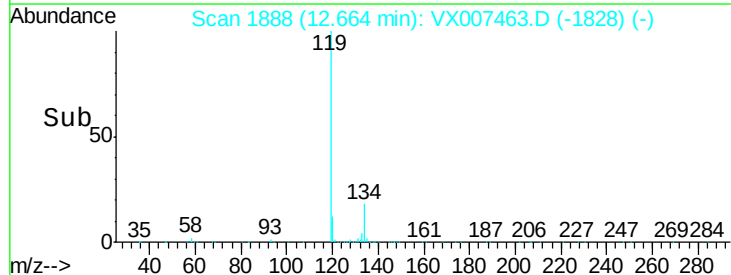
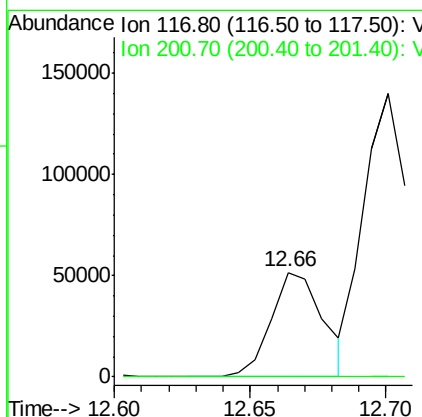
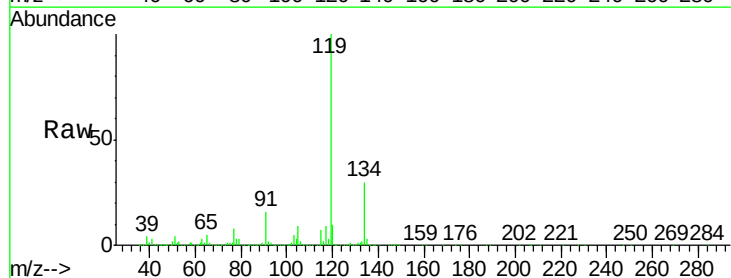
Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

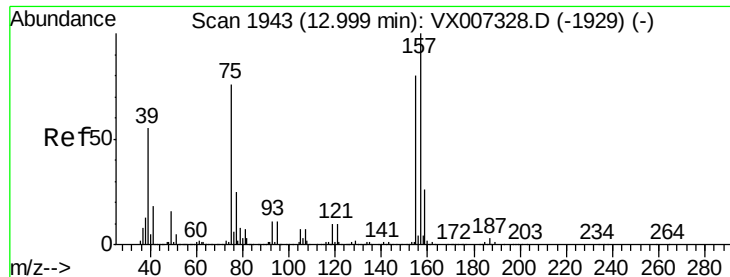
Tot Ion: 91 Resp: 120452
Ion Ratio Lower Upper
91 100
92 44.3 26.3 78.9
134 54.7 13.9 41.6#



#90
Hexachloroethane
Concen: 20.133 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 117 Resp: 68103
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.010 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

Instrument :

MSVOA_X

ClientSampleId :

KY001MW030-190207

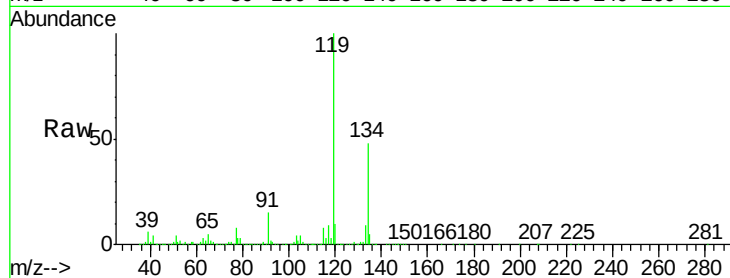
Tot Ion: 75 Resp: 4871

Ion Ratio Lower Upper

75 100

155 0.0 49.6 149.0#

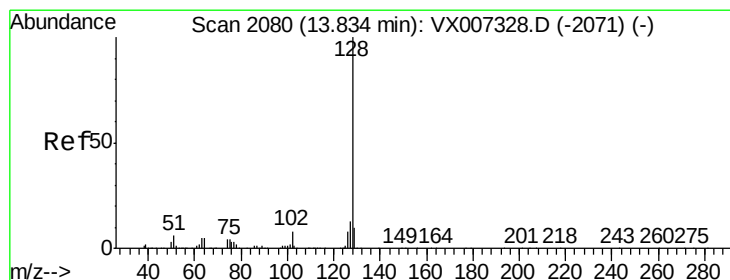
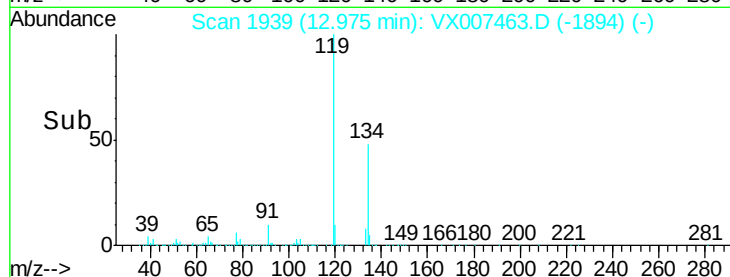
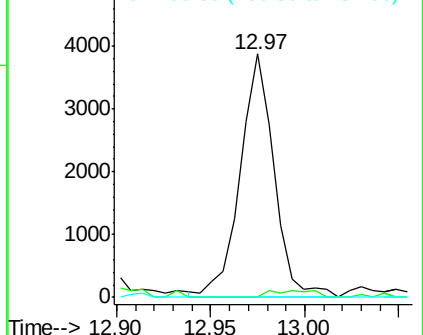
157 0.0 65.1 195.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 0.388 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007463.D

Acq: 11 Feb 2019 13:06

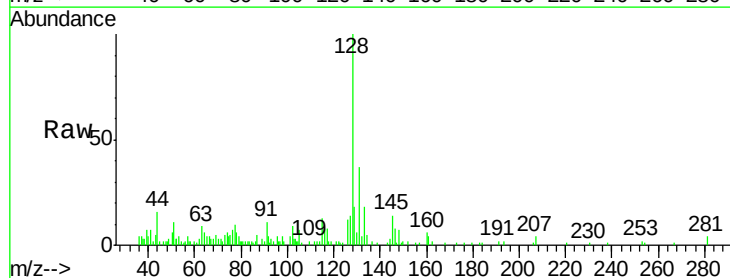
Tgt Ion: 128 Resp: 9832

Ion Ratio Lower Upper

128 100

127 5.3 10.5 15.7#

129 20.6 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

