

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007462.D
 Acq On : 11 Feb 2019 12:40
 Operator : JC/SP
 Sample : K1433-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207

Quant Time: Feb 12 00:01:13 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	507469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	786285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	753284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380097	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	266782	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	5.50	113	252807	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	957733	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	364698	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	523	0.261	ug/l	100
5) Bromomethane	1.65	94	277	Below Cal		87
6) Chloroethane	1.60	64	22757	6.274	ug/l #	46
11) Tert butyl alcohol	3.07	59	63505	56.970	ug/l #	73
13) Acrolein	2.28	56	293	0.561	ug/l #	1
14) Allyl chloride	2.84	41	44159	5.593	ug/l #	63
15) Acrylonitrile	3.18	53	7669	2.781	ug/l #	31
16) Acetone	2.44	43	8226	3.334	ug/l	89
17) Carbon Disulfide	2.57	76	2978	2.346	ug/l #	77
18) Methyl Acetate	2.84	43	102733	16.384	ug/l #	52
19) Methyl tert-butyl Ether	3.20	73	712460	45.387	ug/l	94
25) 2-Butanone	4.68	43	762	0.217	ug/l #	89
30) Chloroform	5.27	83	17397	1.999	ug/l #	52
31) Cyclohexane	5.57	56	243200	32.469	ug/l	98
36) 1,1-Dichloropropene	5.66	75	31949	4.529	ug/l #	49
38) Carbon Tetrachloride	5.67	117	45723	6.680	ug/l #	16
39) Methylcyclohexane	7.46	83	546246	63.996	ug/l	90
40) Benzene	6.14	78	34355	1.653	ug/l	92
41) Methacrylonitrile	5.06	41	2342	0.613	ug/l #	47
43) Isopropyl Acetate	6.35	43	646022	58.688	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	7350	1.412	ug/l #	1
46) Dibromomethane	7.63	93	2527	0.668	ug/l #	1
47) Bromodichloromethane	7.84	83	10621	1.656	ug/l #	54
48) Methyl methacrylate	7.73	41	54715	9.937	ug/l #	46
49) 1,4-Dioxane	7.76	88	285	9.139	ug/l #	25
51) 4-Methyl-2-Pentanone	8.68	43	32676	4.509	ug/l #	61
52) Toluene	8.78	92	19567	1.459	ug/l	94
55) 1,1,2-Trichloroethane	9.16	97	134079	23.990	ug/l #	18
56) Ethyl methacrylate	9.16	69	30936	3.996	ug/l #	1
59) 2-Hexanone	9.51	43	3953	0.701	ug/l	70
67) Ethyl Benzene	10.25	91	182498	6.894	ug/l	99
68) m/p-Xylenes	10.36	106	82638	7.853	ug/l	98
69) o-Xylene	10.69	106	7088	0.700	ug/l	95
71) Bromoform	10.90	173	120	4.052	ug/l #	29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

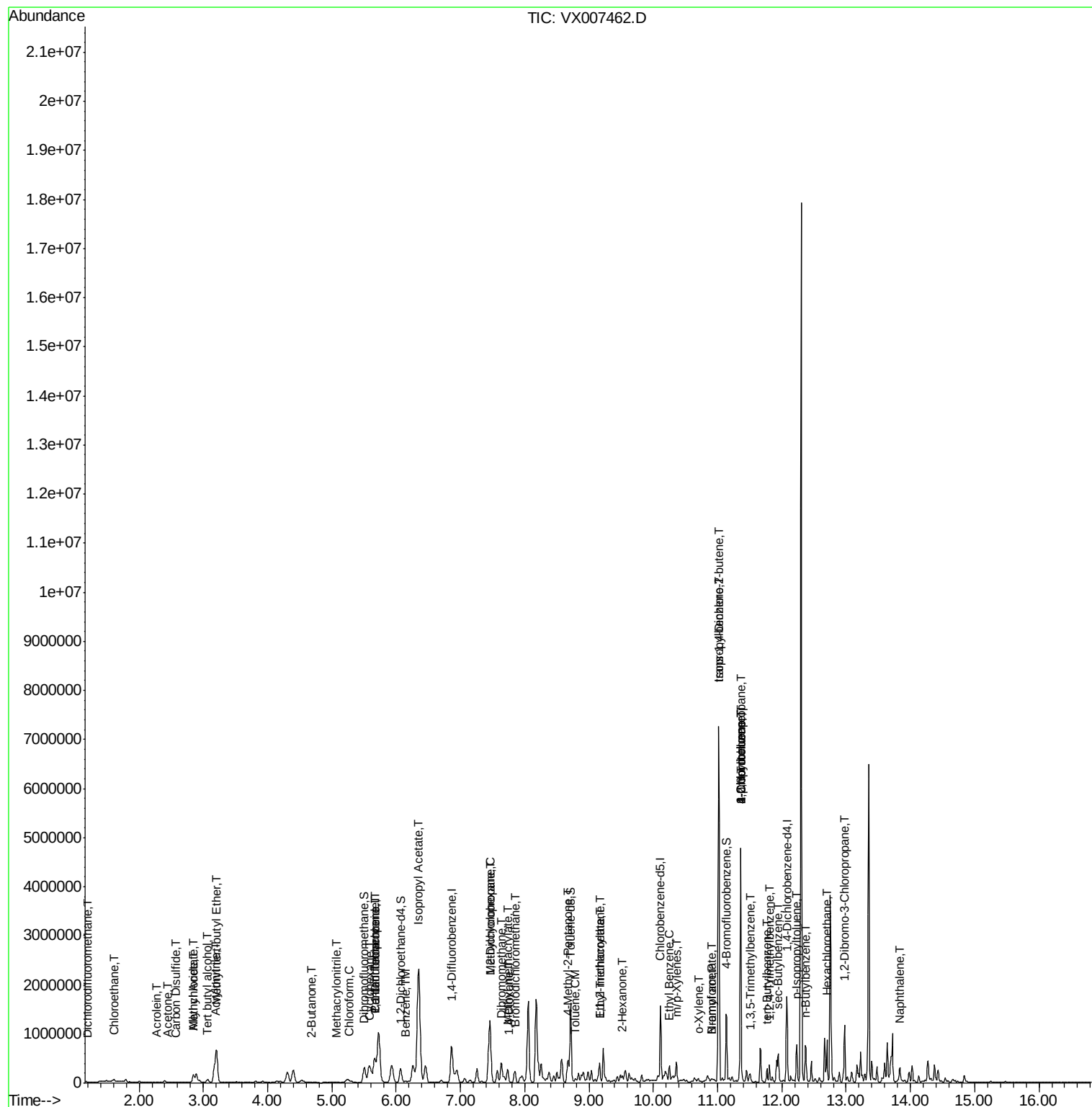
73) Isopropylbenzene	11.02	105	3731041	144.448	ug/l	99
74) N-amyl acetate	10.90	43	3520	0.352	ug/l #	1
76) 1,2,3-Trichloropropane	11.36	75	16365	2.213	ug/l #	1
78) n-propylbenzene	11.36	91	2783115	98.261	ug/l	99
79) 2-Chlorotoluene	11.36	91	2783115	161.938	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	57807	2.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	41719	20.195	ug/l #	69
82) 4-Chlorotoluene	11.36	91	2783115	139.951	ug/l #	42
83) tert-Butylbenzene	11.77	119	99087	4.736	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	152684	7.117	ug/l	100
85) sec-Butylbenzene	11.94	105	276378	10.915	ug/l	97
86) p-Isopropyltoluene	12.23	119	331276	14.493	ug/l	97
89) n-Butylbenzene	12.38	91	114147	5.805	ug/l #	33
90) Hexachloroethane	12.70	117	330564	96.628	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	3524	2.153	ug/l #	1
95) Naphthalene	13.83	128	190660	7.438	ug/l #	91

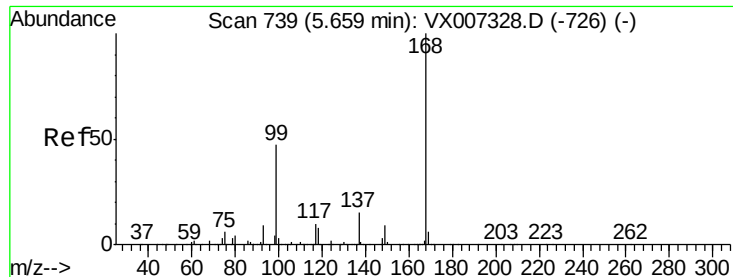
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

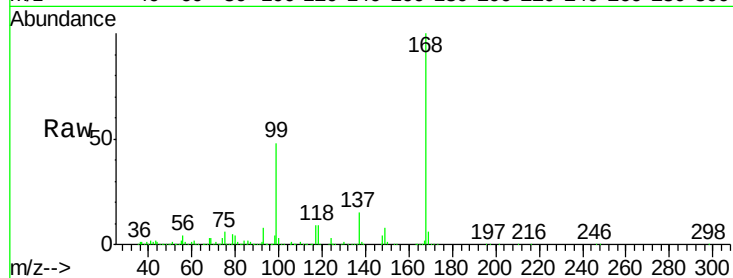
KY001MW020-190207

Tot Ion:168 Resp: 507469

Ion Ratio Lower Upper

168 100

99 48.2 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

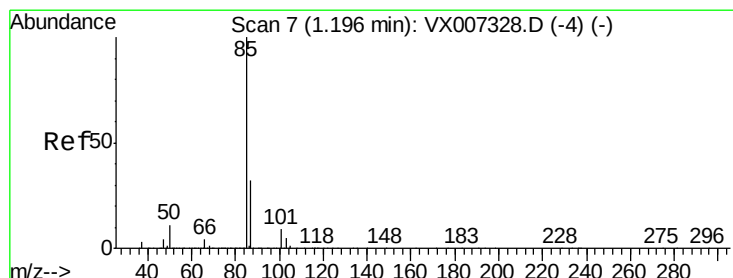
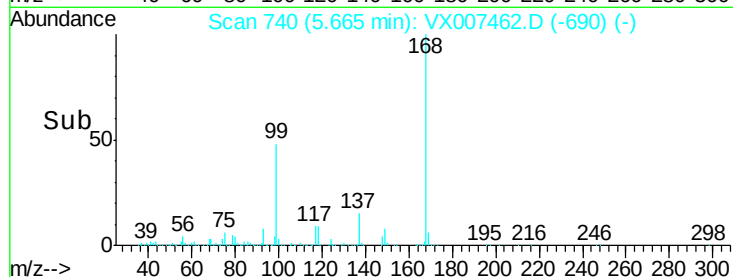
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.261 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007462.D

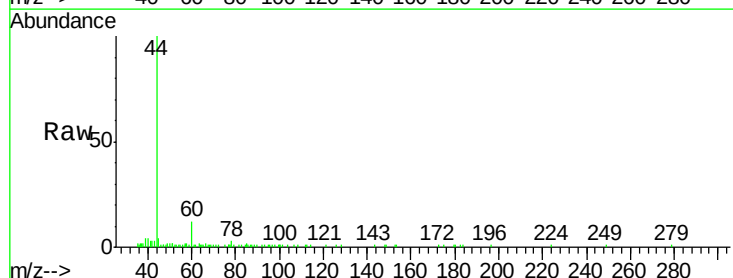
Acq: 11 Feb 2019 12:40

Tgt Ion: 85 Resp: 523

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300

250

200

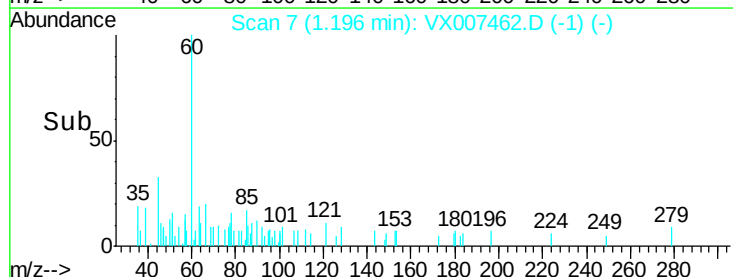
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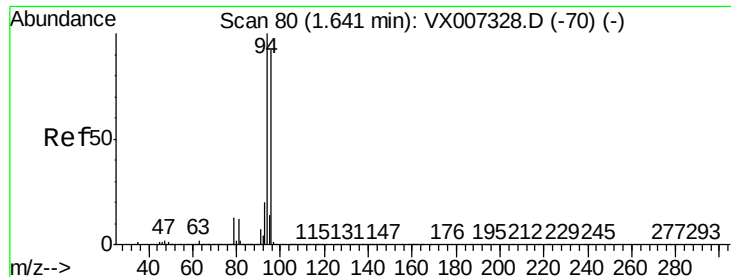
100

50

0

Time--> 1.20 1.25





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

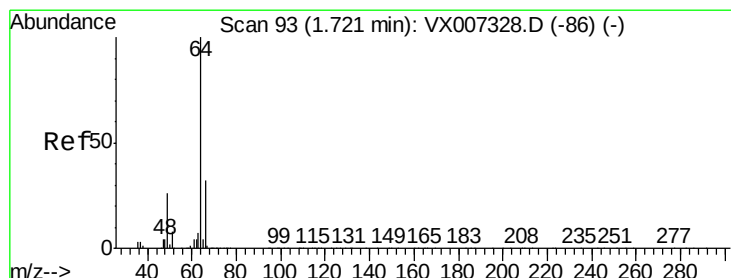
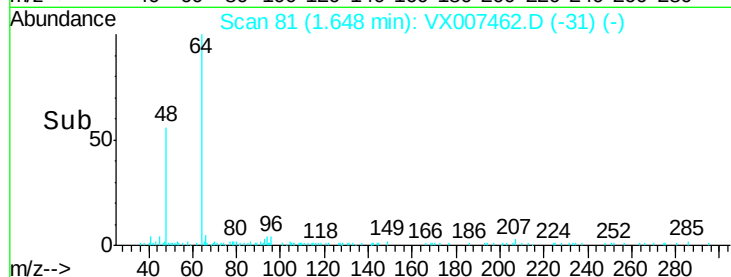
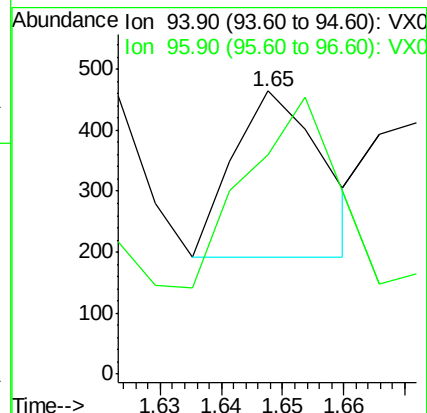
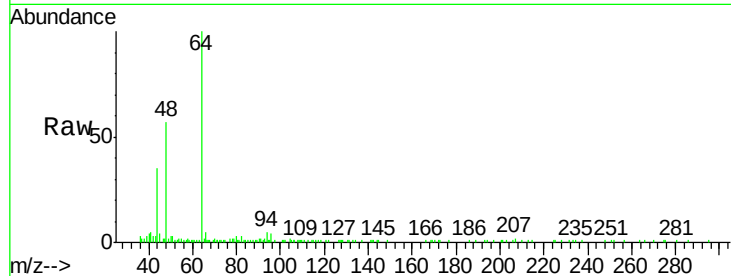
KY001MW020-190207

Tot Ion: 94 Resp: 277

Ion Ratio Lower Upper

94 100

96 79.9 73.9 110.9



#6

Chloroethane

Concen: 6.274 ug/l

RT: 1.60 min Scan# 74

Delta R.T. -0.12 min

Lab File: VX007462.D

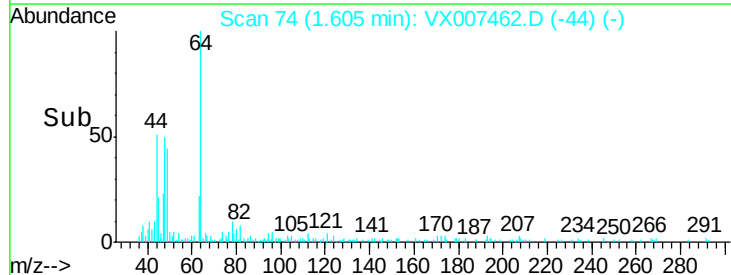
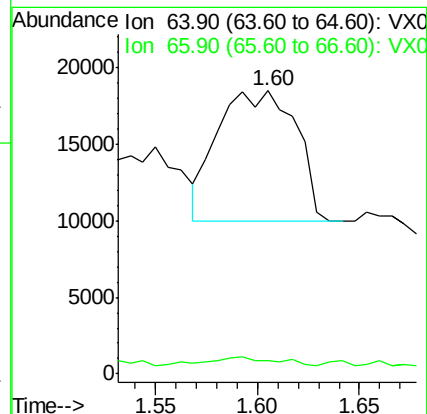
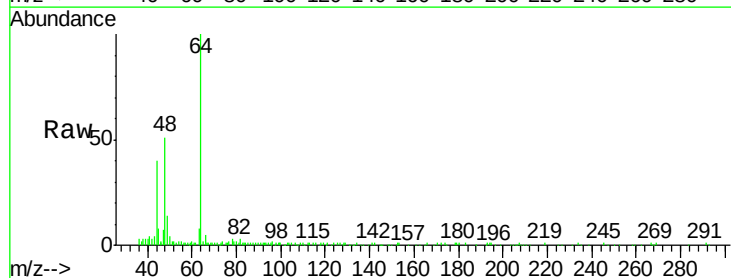
Acq: 11 Feb 2019 12:40

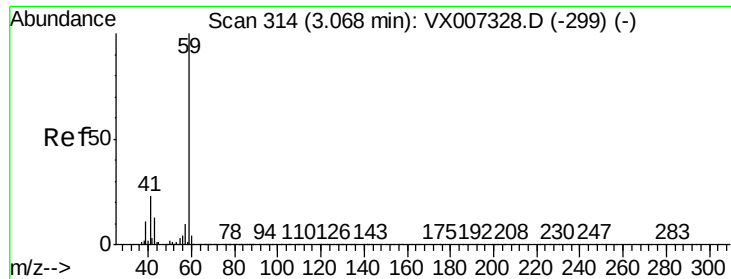
Tgt Ion: 64 Resp: 22757

Ion Ratio Lower Upper

64 100

66 1.8 25.5 38.3#



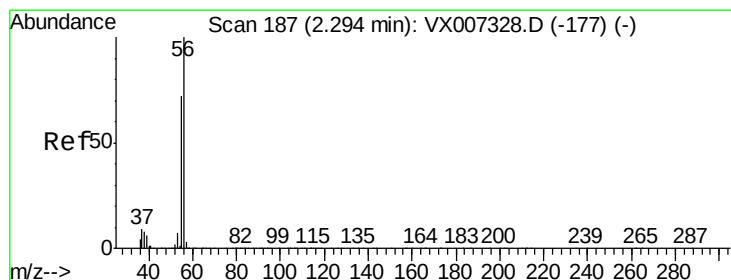
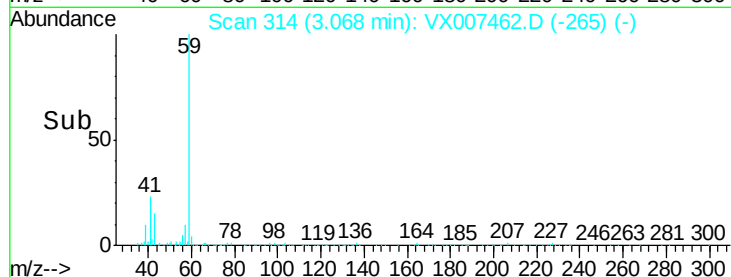
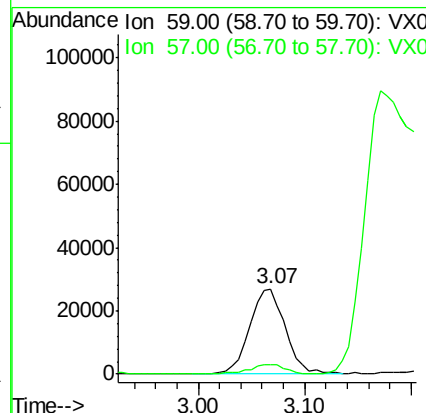
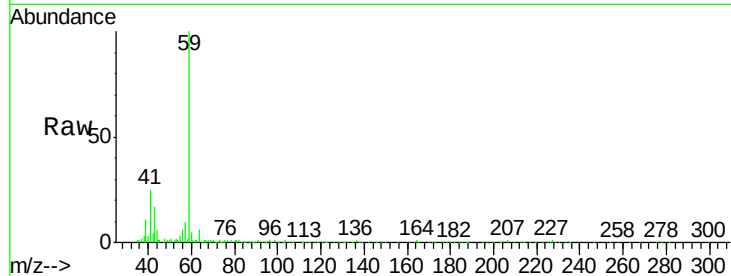


#11

Tert butyl alcohol
 Concen: 56.970 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007462.D
 Acq: 11 Feb 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207

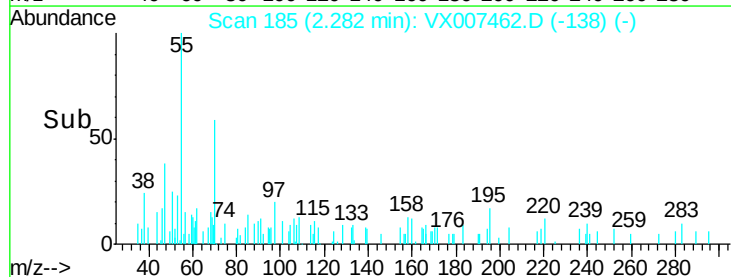
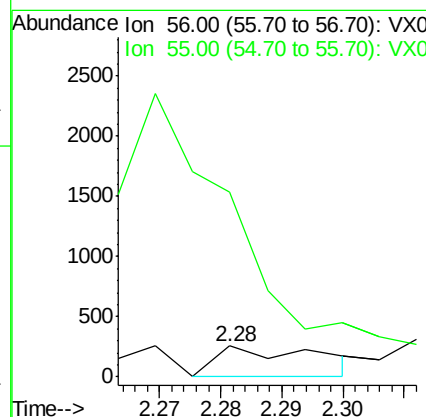
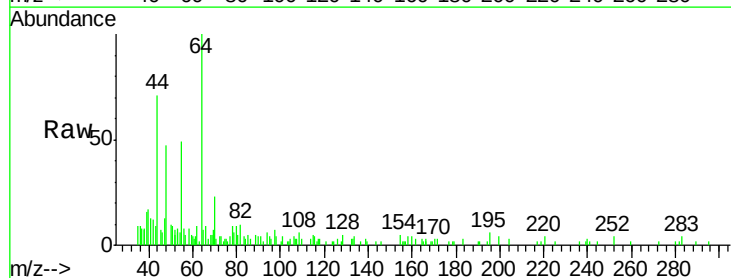
Tot Ion: 59 Resp: 63505
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

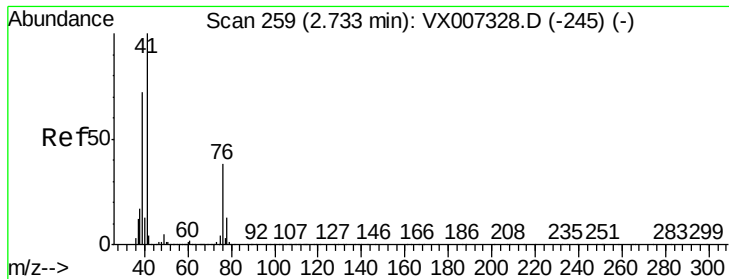


#13

Acrolein
 Concen: 0.561 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX007462.D
 Acq: 11 Feb 2019 12:40

Tgt Ion: 56 Resp: 293
 Ion Ratio Lower Upper
 56 100
 55 1271.0 56.9 85.3#

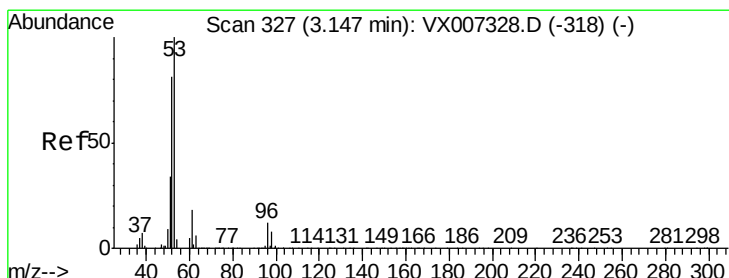
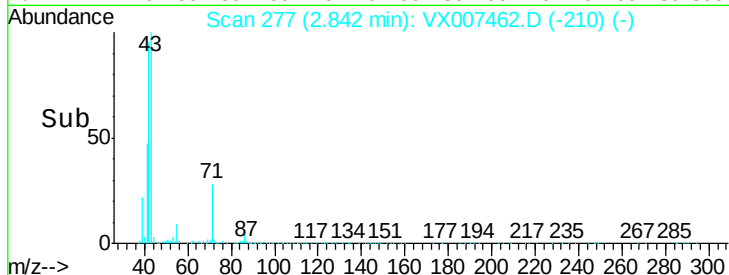
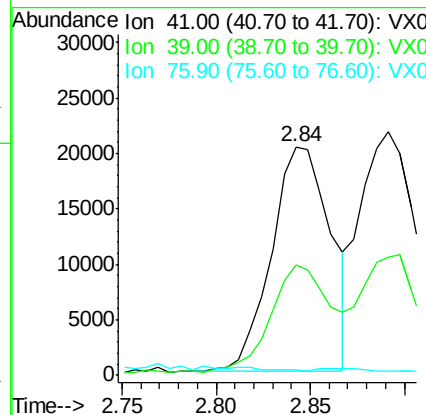
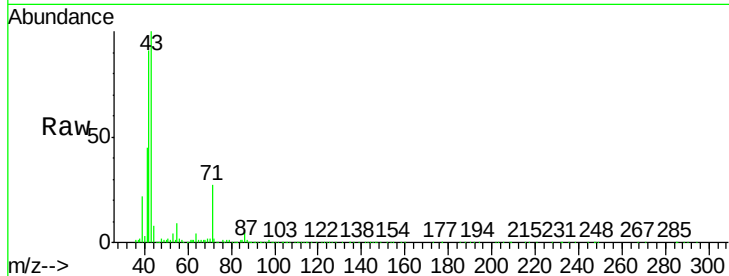




#14
Allvl chloride
Concen: 5.593 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.11 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

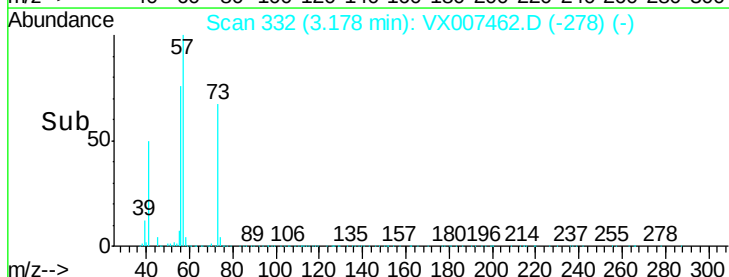
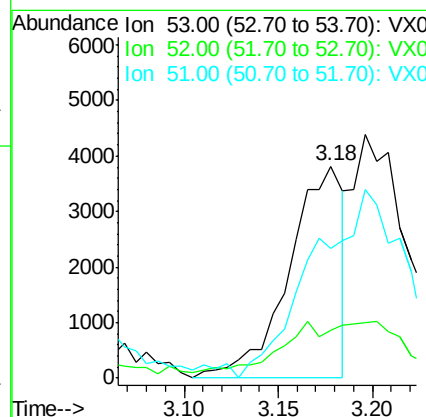
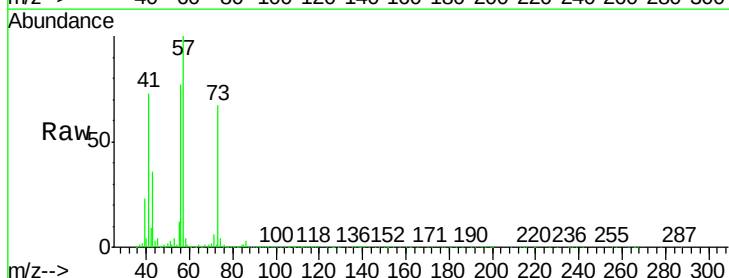
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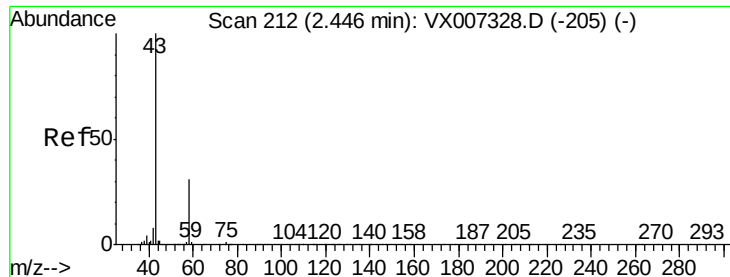
Tot Ion: 41 Resp: 44159
Ion Ratio Lower Upper
41 100
39 47.0 54.1 81.1#
76 0.0 27.8 41.8#



#15
Acrylonitrile
Concen: 2.781 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.03 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

Tgt Ion: 53 Resp: 7669
Ion Ratio Lower Upper
53 100
52 17.3 66.4 99.6#
51 0.0 28.4 42.6#





#16

Acetone

Concen: 3.334 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

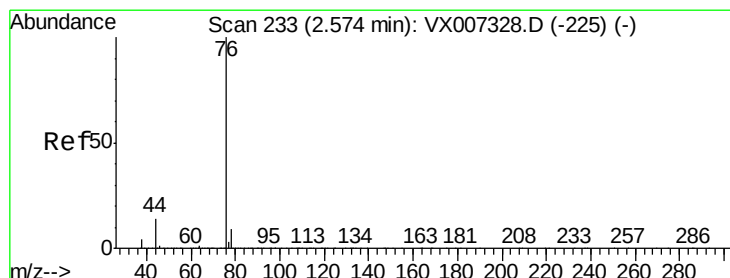
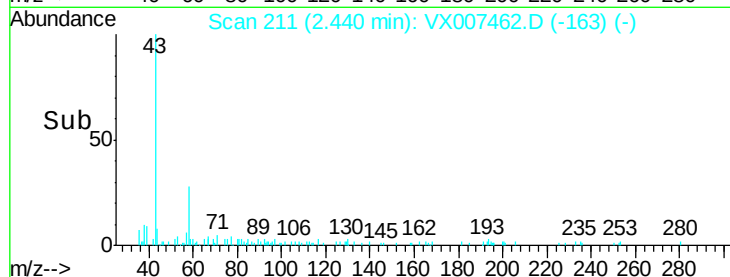
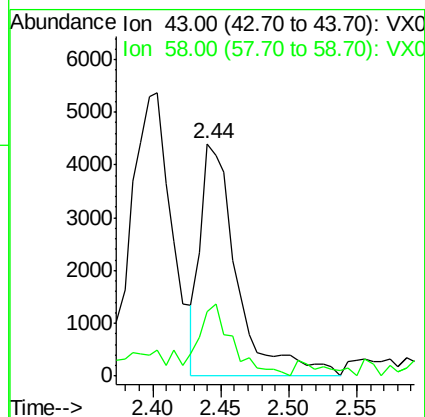
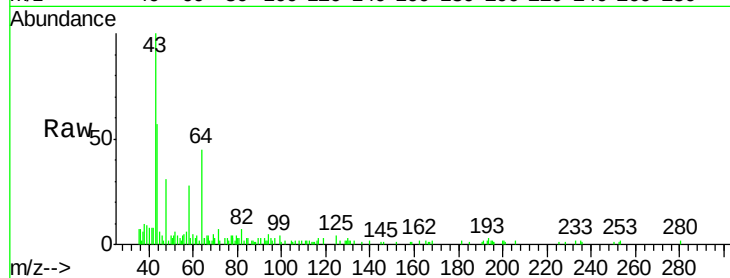
KY001MW020-190207

Tot Ion: 43 Resp: 8226

Ion Ratio Lower Upper

43 100

58 25.1 24.9 37.3



#17

Carbon Disulfide

Concen: 2.346 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007462.D

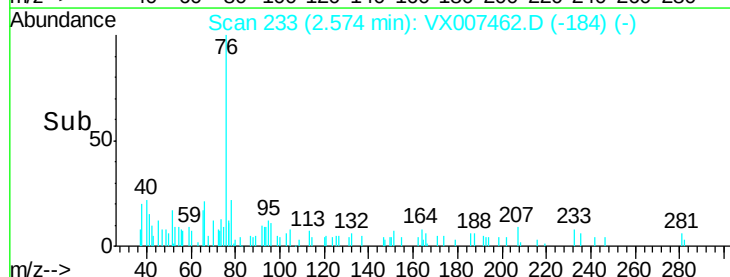
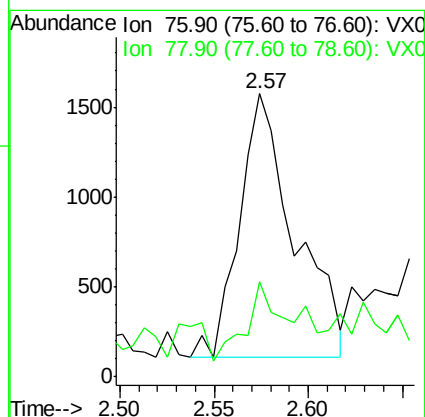
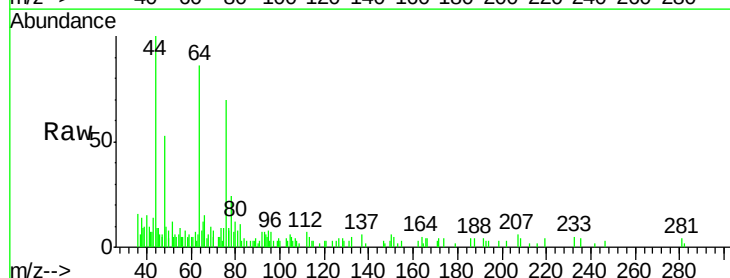
Acq: 11 Feb 2019 12:40

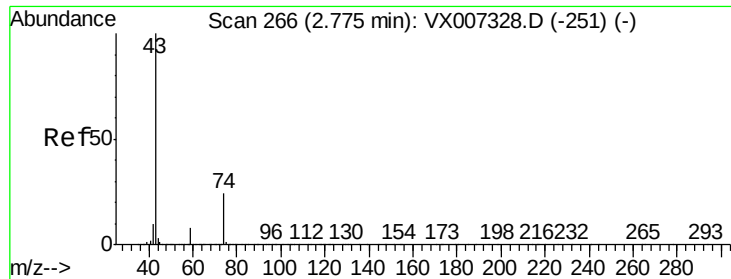
Tgt Ion: 76 Resp: 2978

Ion Ratio Lower Upper

76 100

78 17.1 7.1 10.7#

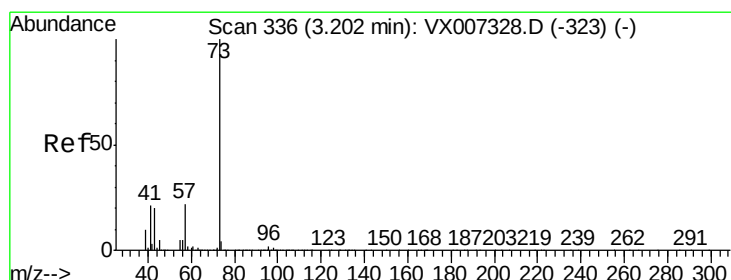
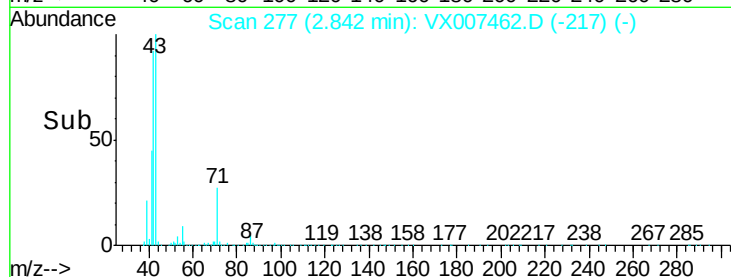
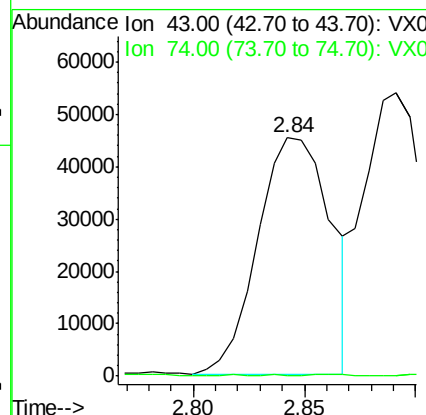
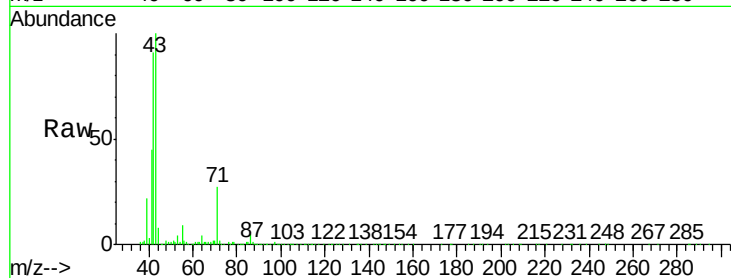




#18
Methyl Acetate
Concen: 16.384 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

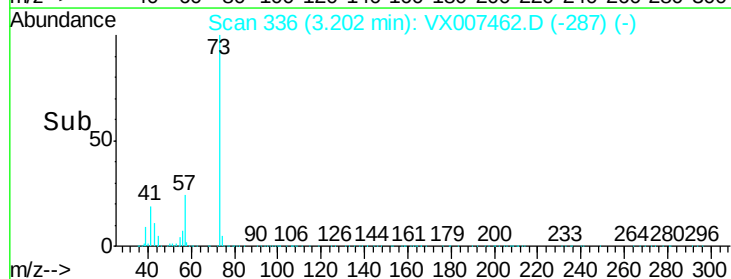
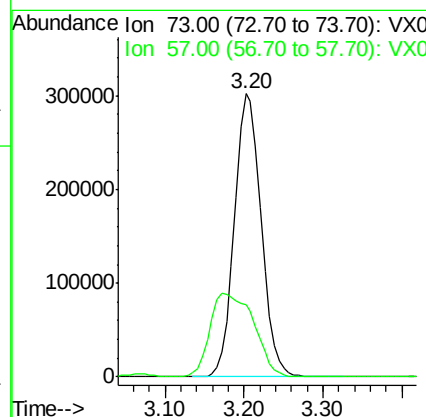
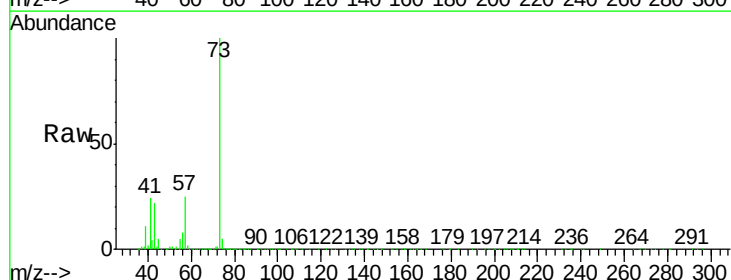
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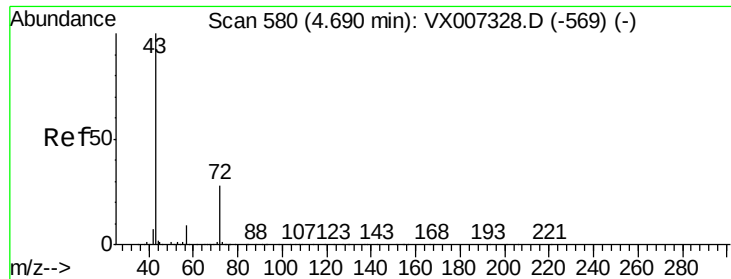
Tot Ion: 43 Resp: 102733
Ion Ratio Lower Upper
43 100
74 0.4 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 45.387 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

Tgt Ion: 73 Resp: 712460
Ion Ratio Lower Upper
73 100
57 25.3 17.8 26.8





#25

2-Butanone

Concen: 0.217 ug/l

RT: 4.68 min Scan# 579

Delta R.T. -0.01 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

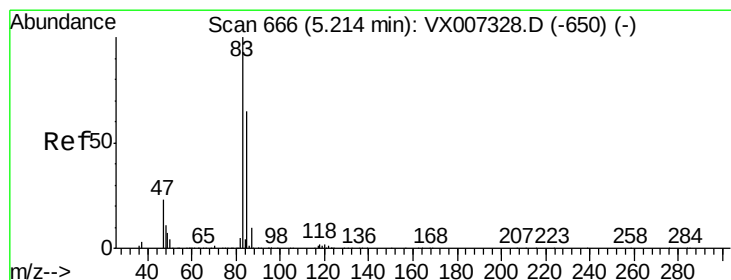
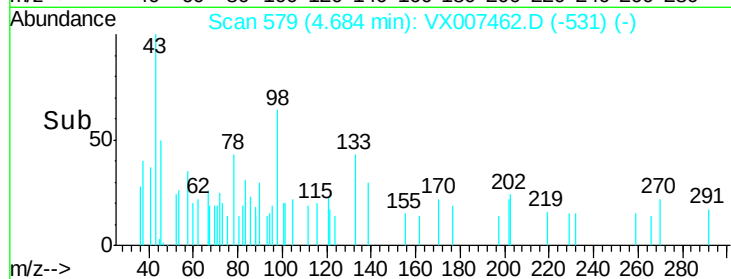
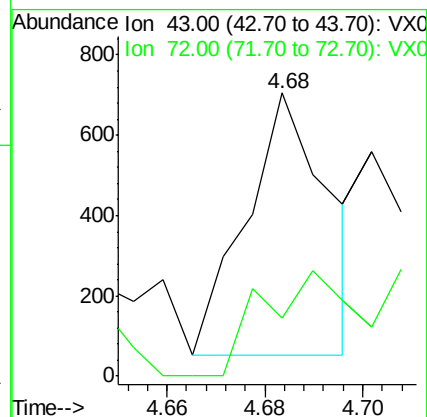
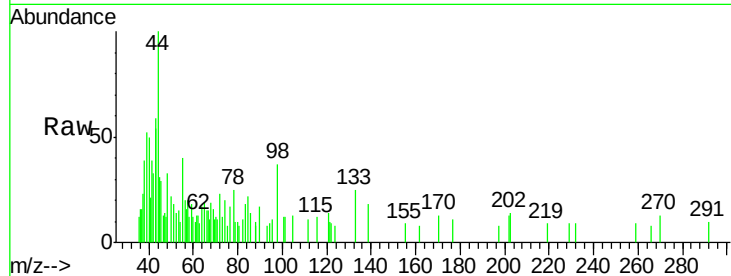
KY001MW020-190207

Tot Ion: 43 Resp: 762

Ion Ratio Lower Upper

43 100

72 33.3 22.2 33.2#



#30

Chloroform

Concen: 1.999 ug/l

RT: 5.27 min Scan# 676

Delta R.T. 0.06 min

Lab File: VX007462.D

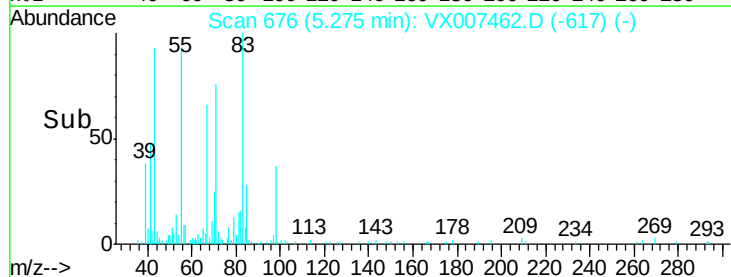
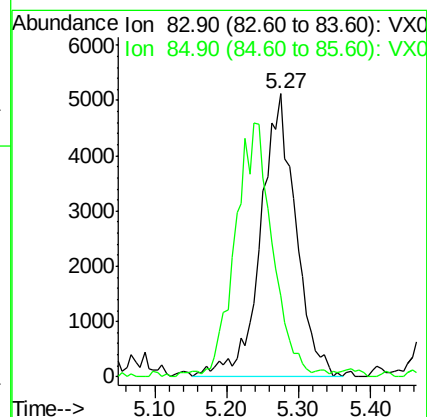
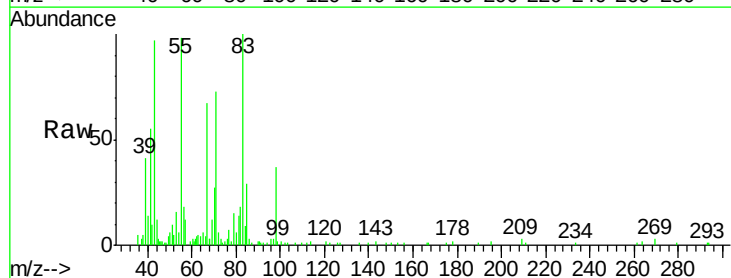
Acq: 11 Feb 2019 12:40

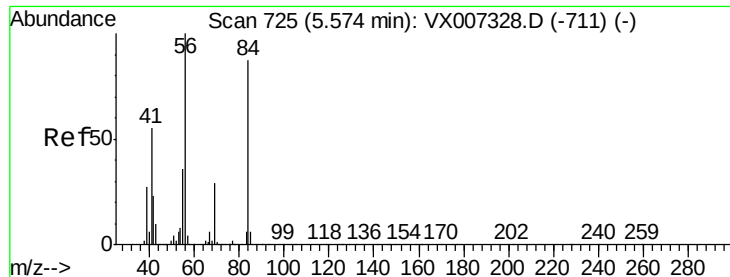
Tgt Ion: 83 Resp: 17397

Ion Ratio Lower Upper

83 100

85 27.0 51.6 77.4#





#31

Cyclohexane

Concen: 32.469 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

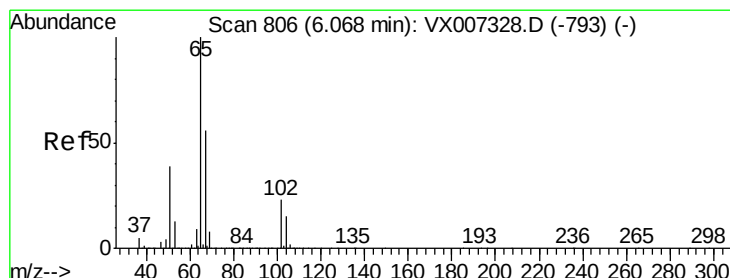
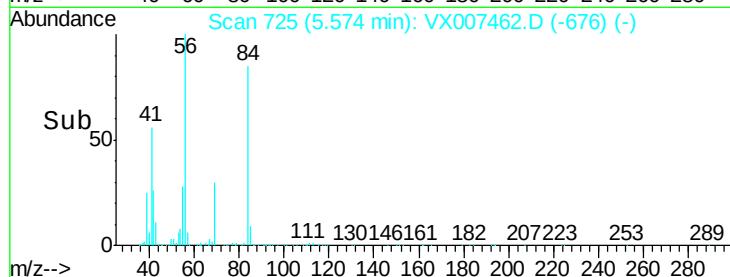
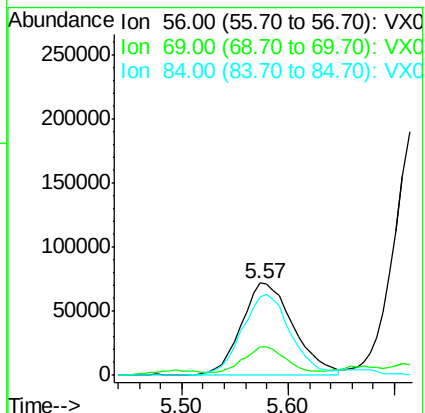
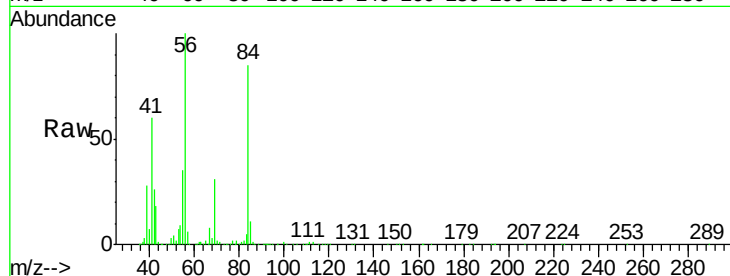
Tot Ion: 56 Resp: 243200

Ion Ratio Lower Upper

56 100

69 26.7 23.0 34.6

84 85.4 69.8 104.6



#33

1,2-Dichloroethane-d4

Concen: 49.529 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007462.D

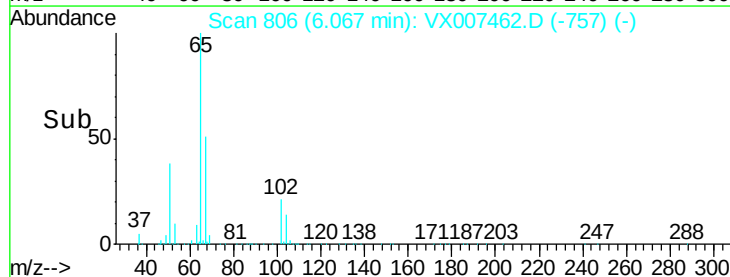
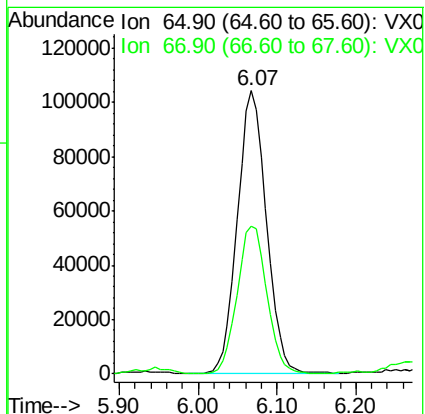
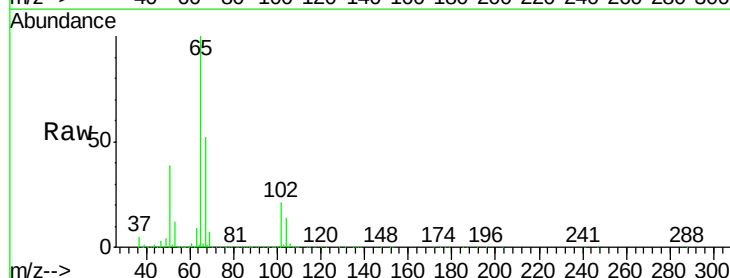
Acq: 11 Feb 2019 12:40

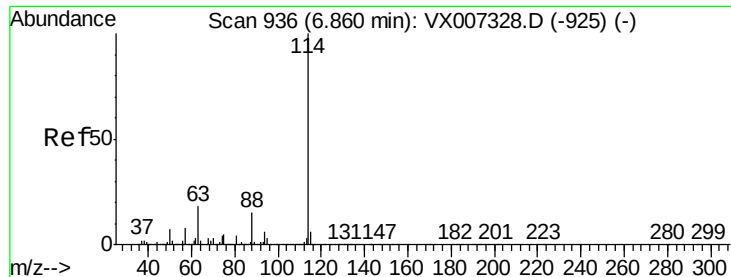
Tgt Ion: 65 Resp: 266782

Ion Ratio Lower Upper

65 100

67 53.2 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: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

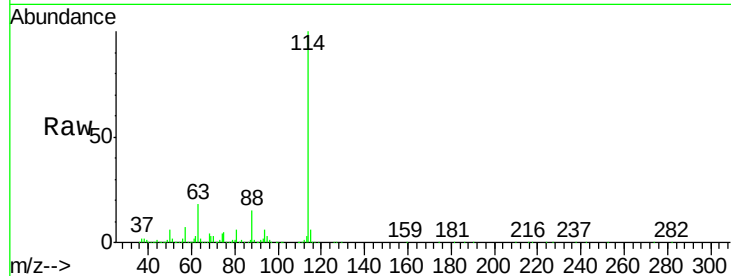
Tot Ion:114 Resp: 786285

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

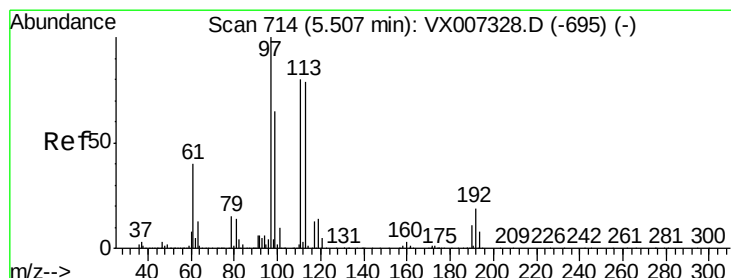
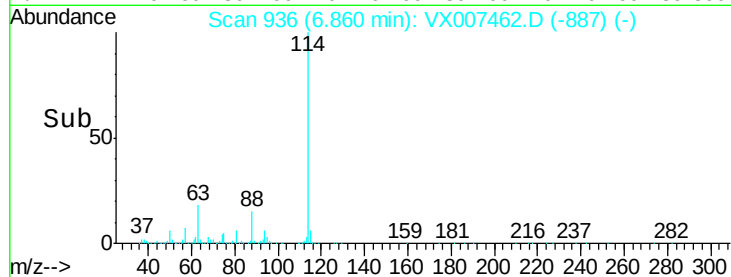
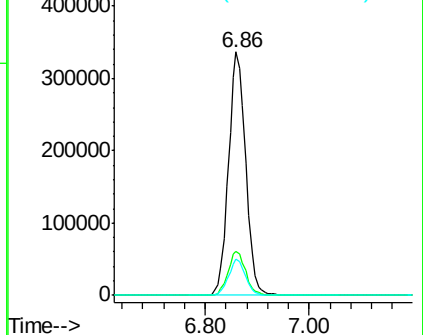
88 15.1 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.414 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

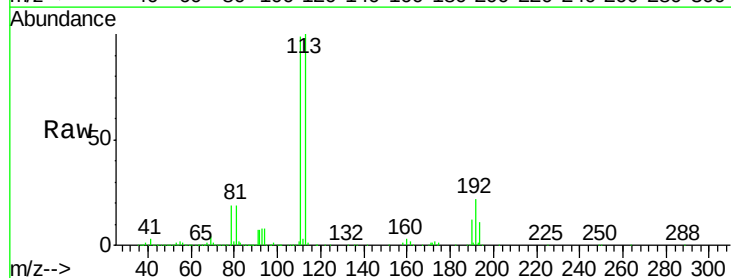
Tgt Ion:113 Resp: 252807

Ion Ratio Lower Upper

113 100

111 100.2 81.8 122.8

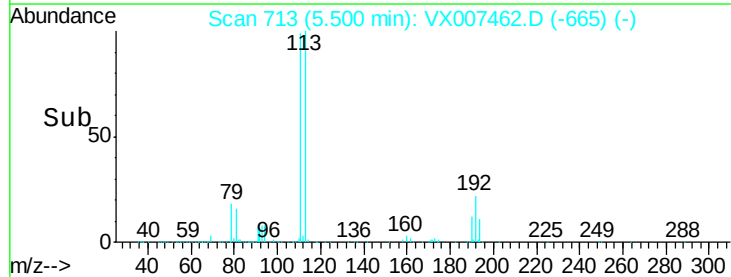
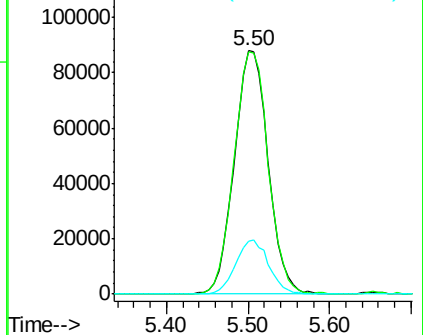
192 21.8 18.5 27.7

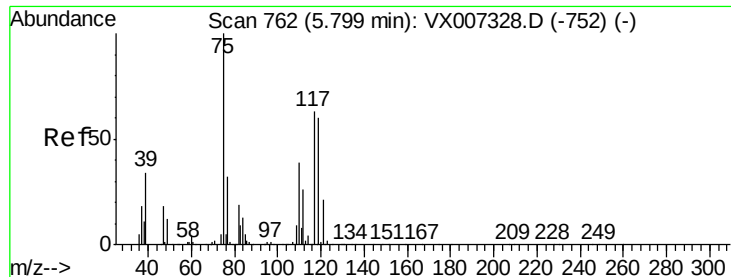


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

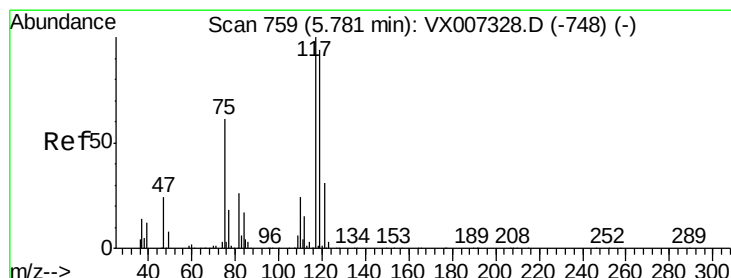
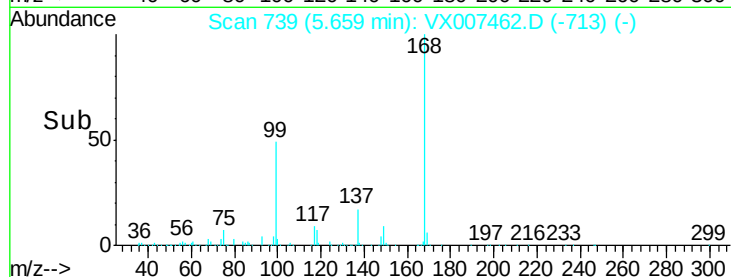
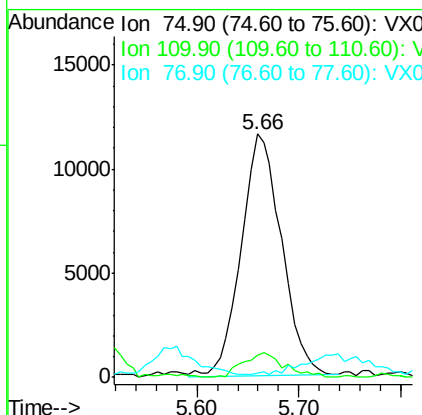
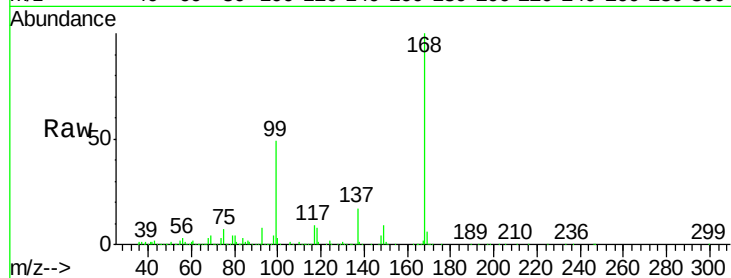




#36
 1,1-Dichloropropene
 Concen: 4.529 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007462.D
 Acq: 11 Feb 2019 12:40

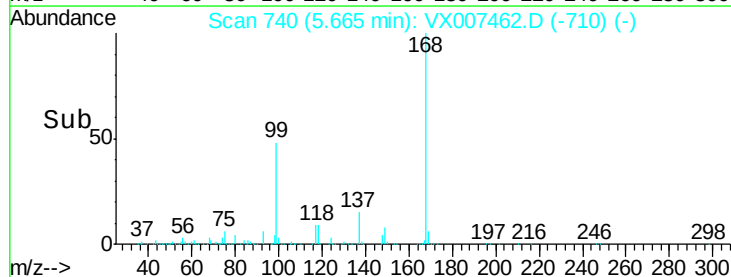
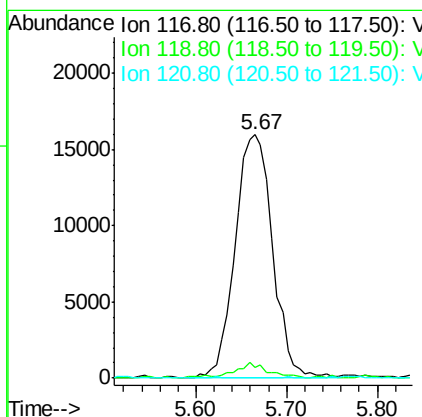
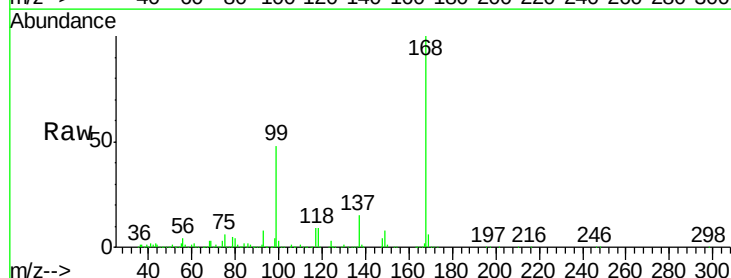
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207

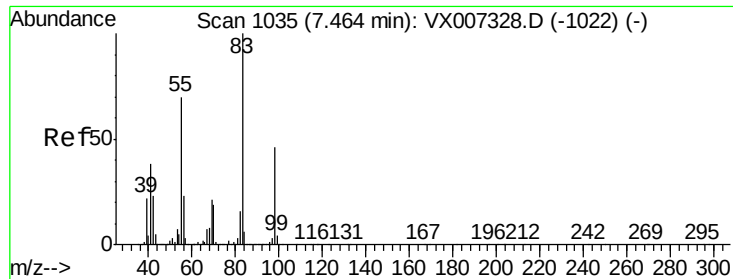
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.0	59.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.680 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007462.D
 Acq: 11 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.3	112.9#
121	0.0	25.0	37.4#

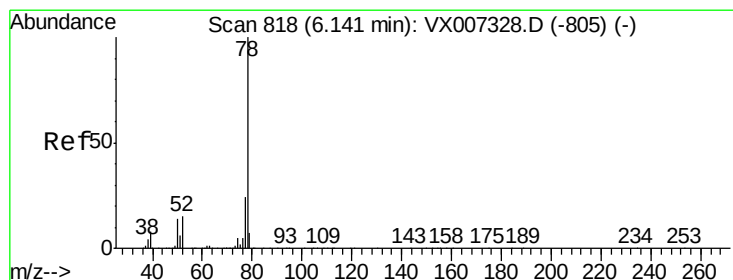
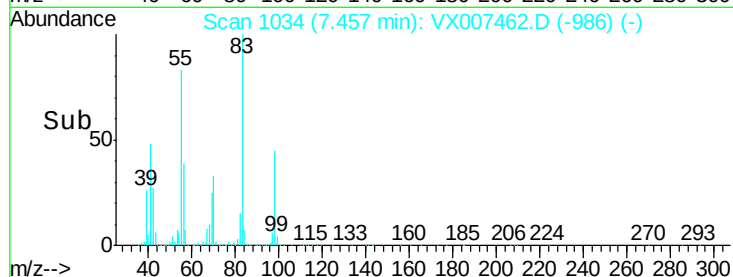
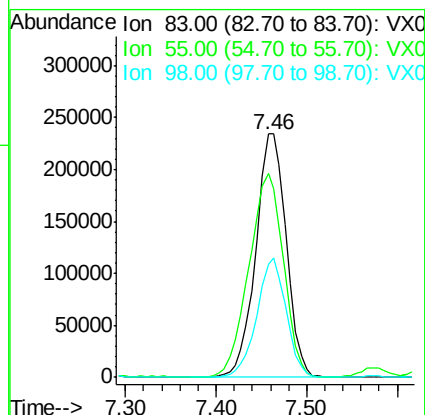
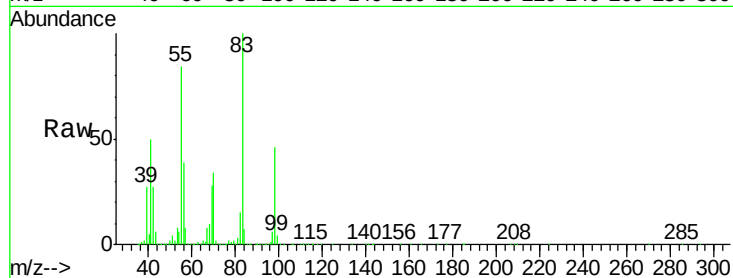




#39
Methylvlcyclohexane
Concen: 63.996 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

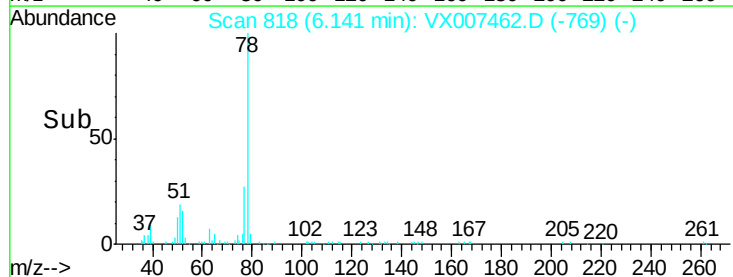
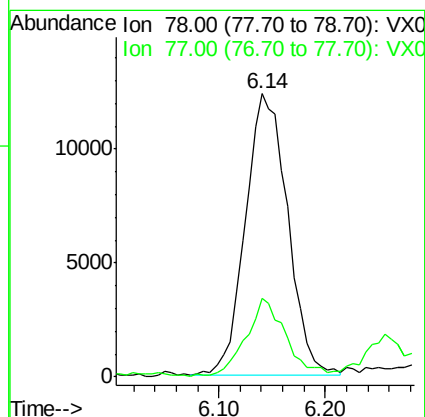
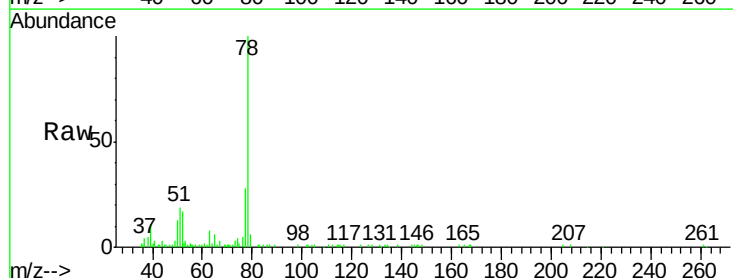
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207

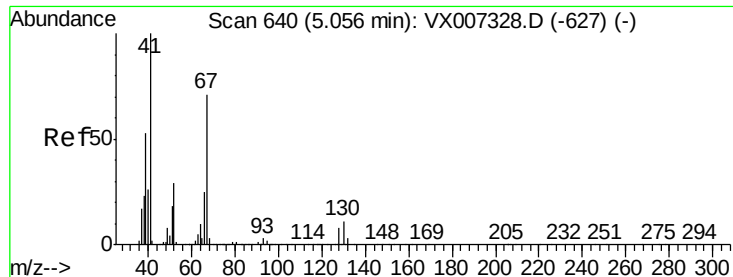
Tot Ion: 83 Resp: 546246
Ion Ratio Lower Upper
83 100
55 83.9 56.2 84.2
98 46.3 36.8 55.2



#40
Benzene
Concen: 1.653 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

Tgt Ion: 78 Resp: 34355
Ion Ratio Lower Upper
78 100
77 28.0 19.3 28.9





#41

Methacrylonitrile

Concen: 0.613 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

Tot Ion: 41 Resp: 2342

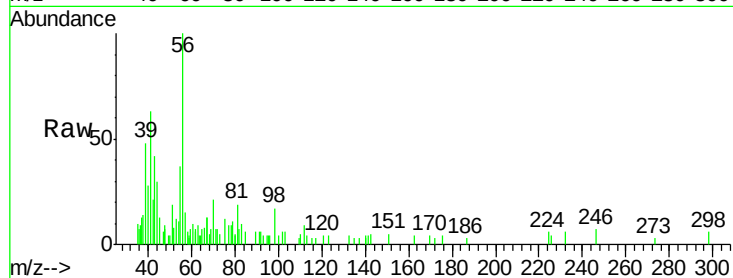
Ion Ratio Lower Upper

41 100

39 65.5 44.5 66.7

67 0.0 60.4 90.6#

52 9.0 24.1 36.1#

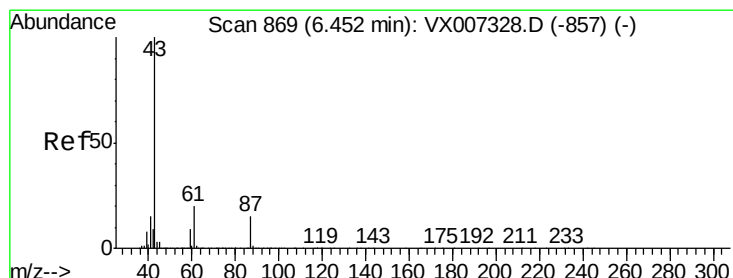
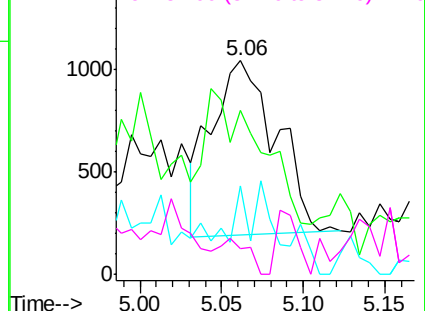
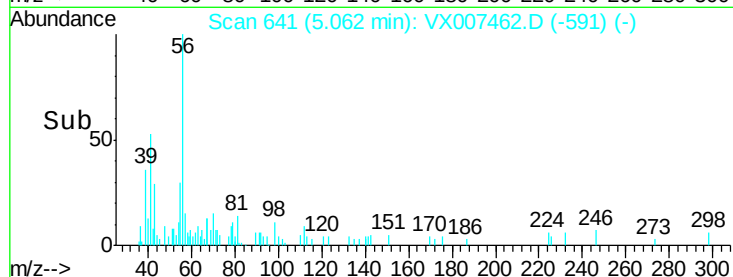


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 58.688 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.10 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

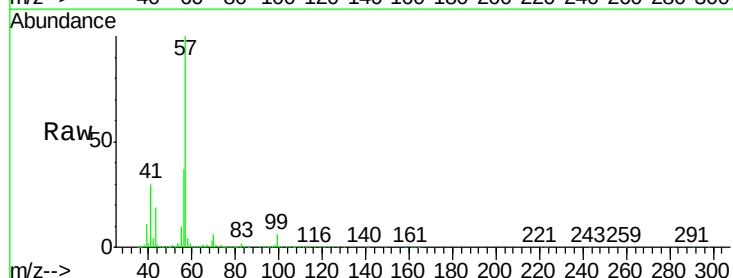
Tgt Ion: 43 Resp: 646022

Ion Ratio Lower Upper

43 100

61 0.0 16.1 24.1#

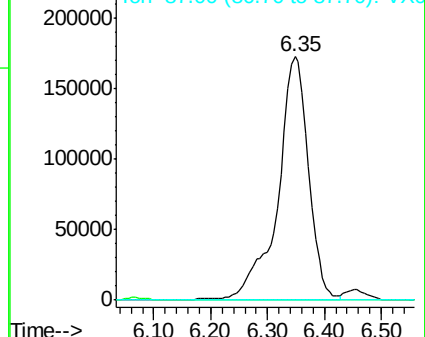
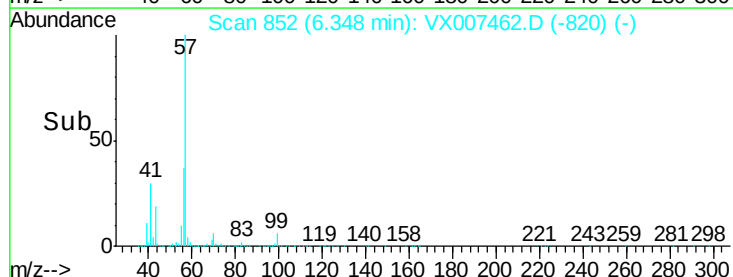
87 0.0 11.5 17.3#

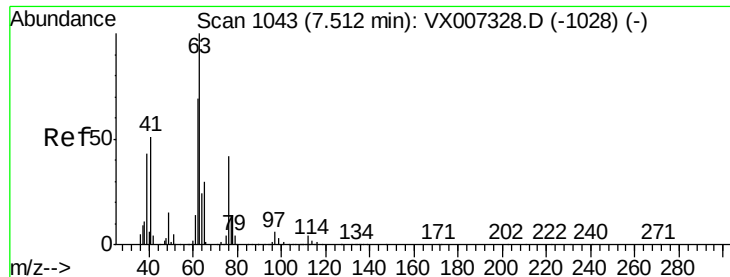


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 1.412 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.05 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

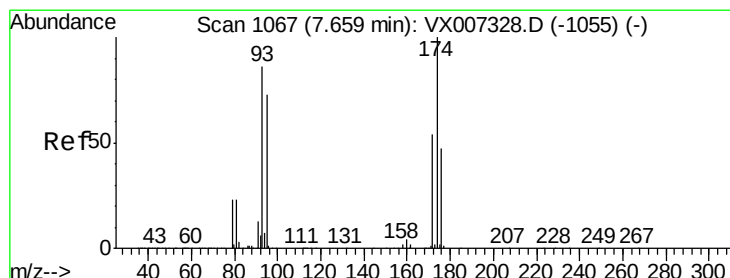
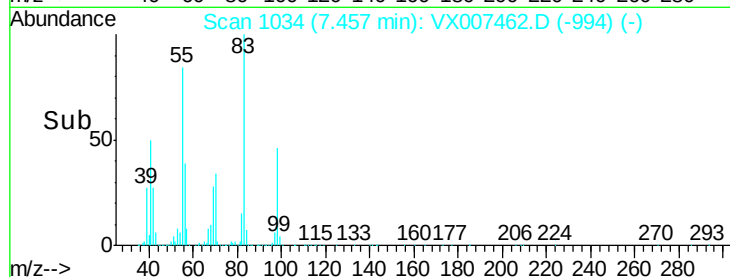
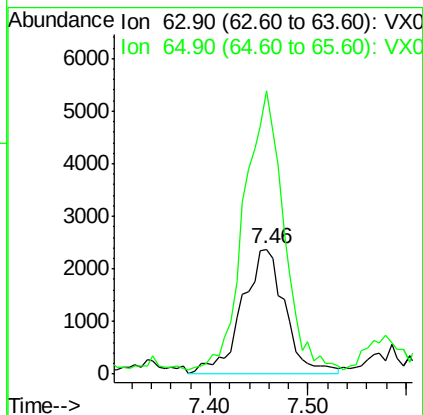
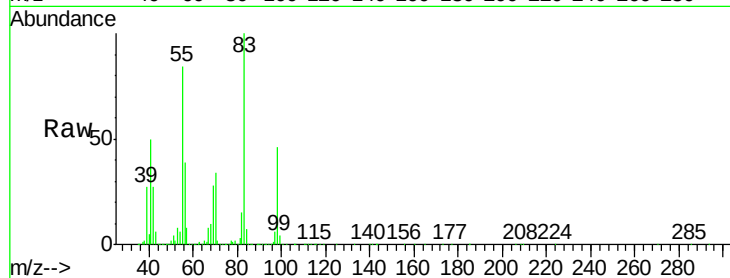
KY001MW020-190207

Tot Ion: 63 Resp: 7350

Ion Ratio Lower Upper

63 100

65 222.9 24.2 36.2#



#46

Dibromomethane

Concen: 0.668 ug/l

RT: 7.63 min Scan# 1062

Delta R.T. -0.03 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

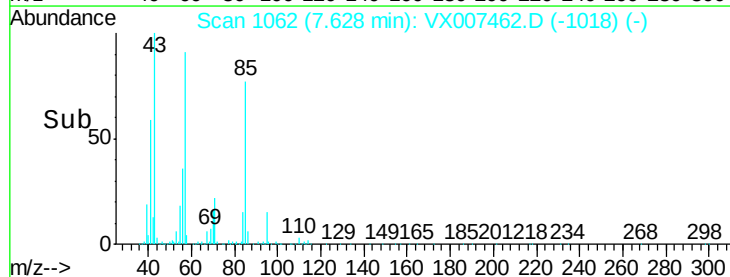
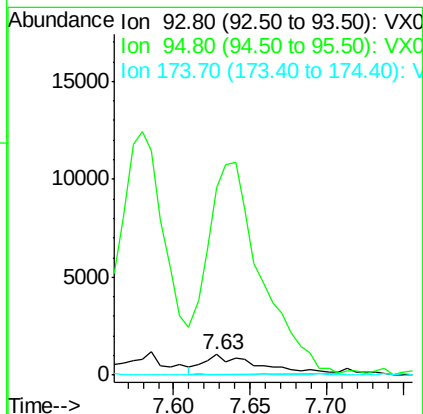
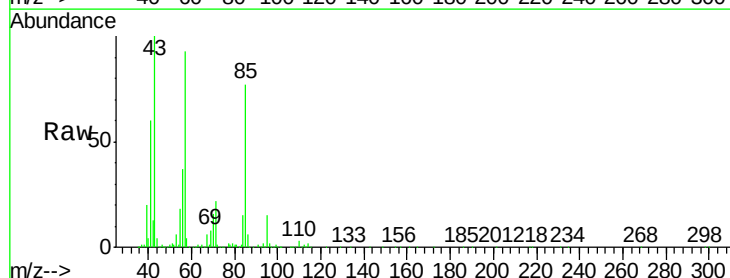
Tgt Ion: 93 Resp: 2527

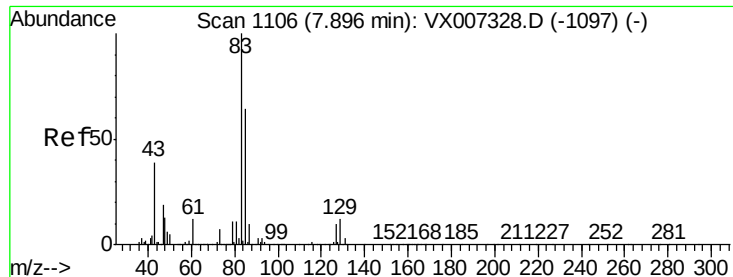
Ion Ratio Lower Upper

93 100

95 0.0 67.6 101.4#

174 1.0 94.2 141.4#





#47

Bromodichloromethane

Concen: 1.656 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

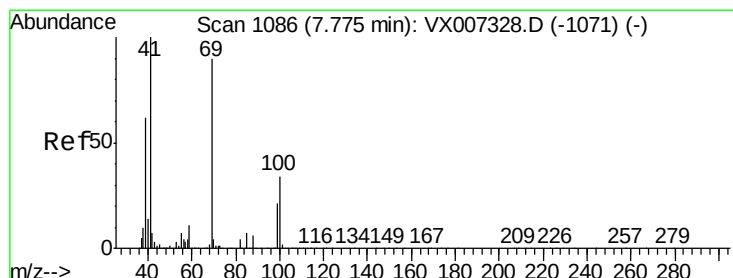
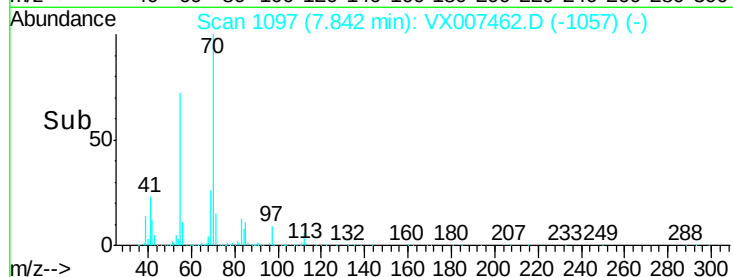
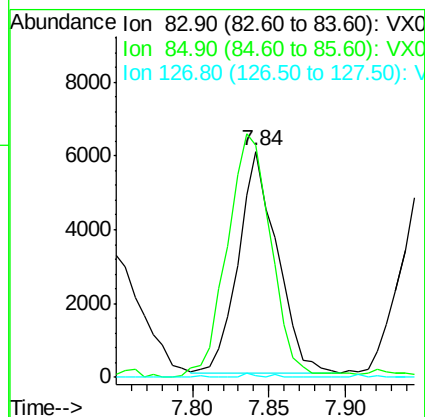
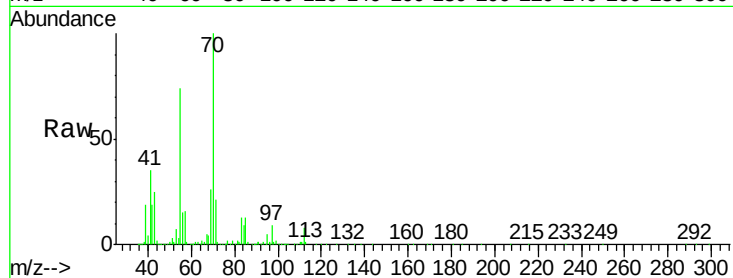
Tot Ion: 83 Resp: 10621

Ion Ratio Lower Upper

83 100

85 102.8 51.4 77.0#

127 0.9 8.1 12.1#



#48

Methyl methacrylate

Concen: 9.937 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

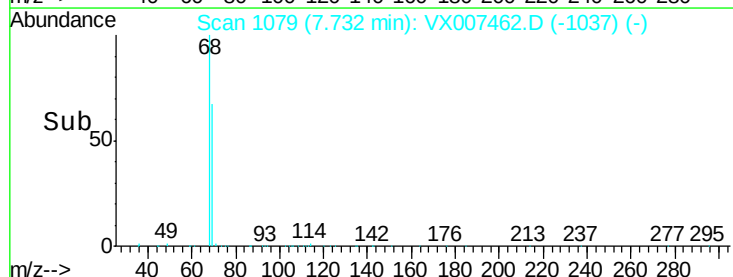
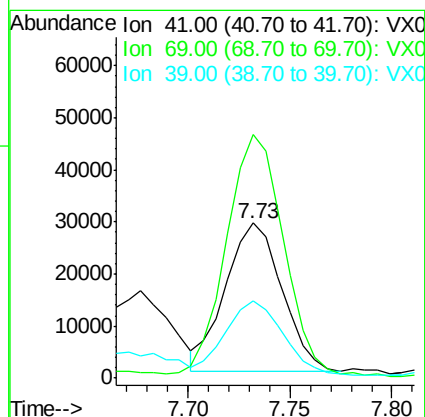
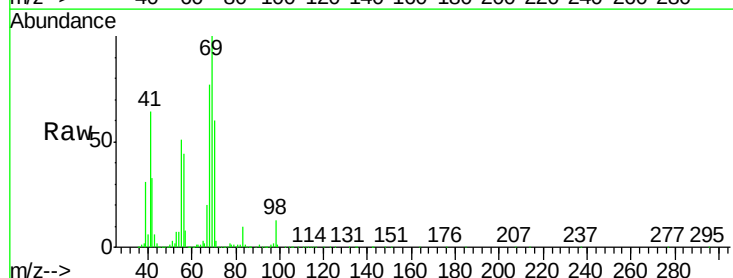
Tgt Ion: 41 Resp: 54715

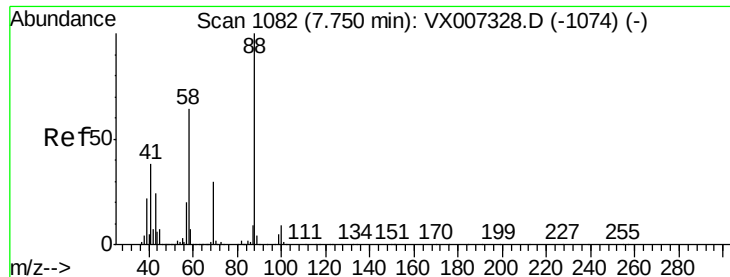
Ion Ratio Lower Upper

41 100

69 166.2 70.2 105.4#

39 52.0 47.4 71.0





#49

1,4-Dioxane

Concen: 9.139 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

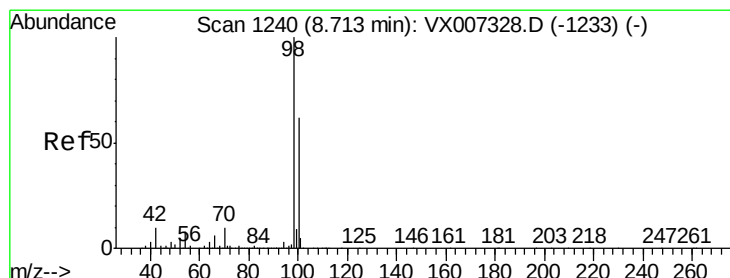
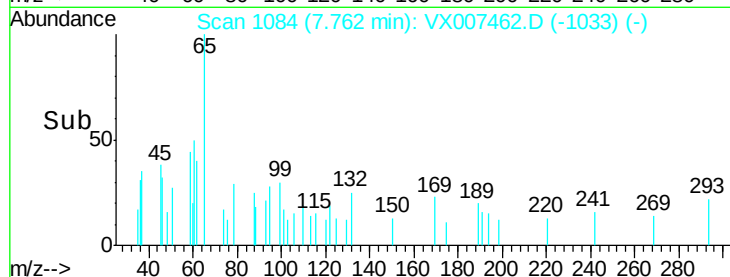
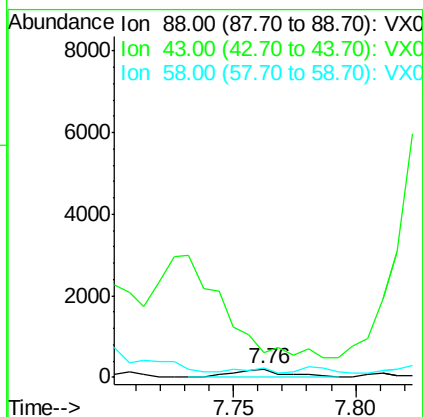
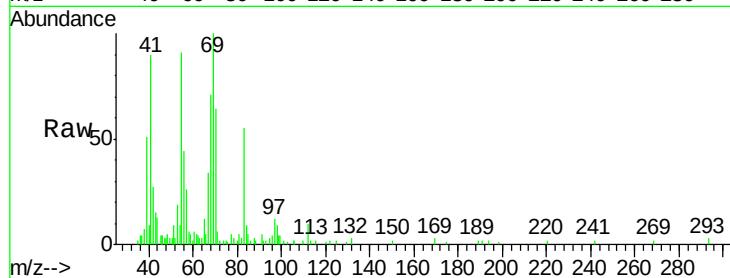
Tot Ion: 88 Resp: 285

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

58 0.0 53.0 79.4#



#50

Toluene-d8

Concen: 50.456 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007462.D

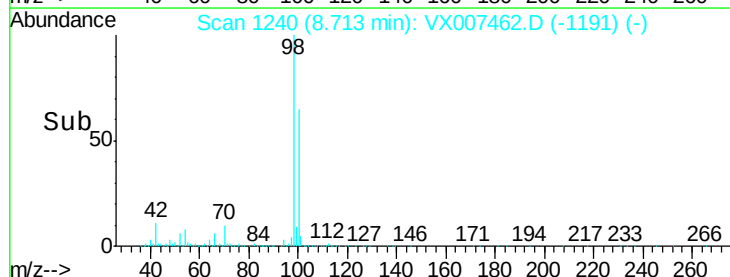
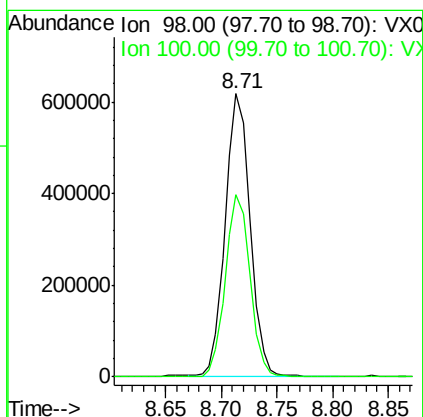
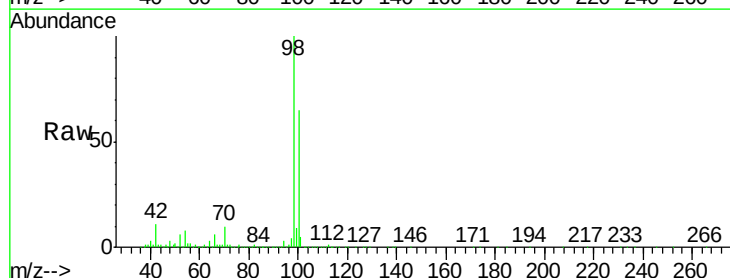
Acq: 11 Feb 2019 12:40

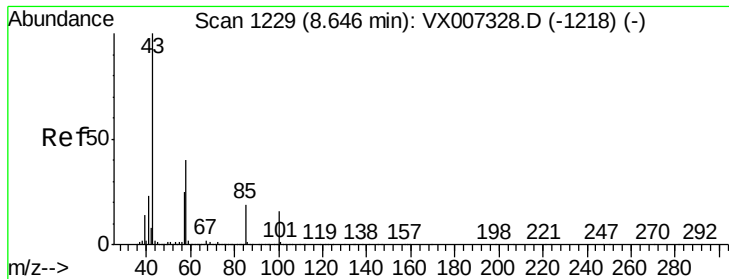
Tgt Ion: 98 Resp: 957733

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 4.509 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.03 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

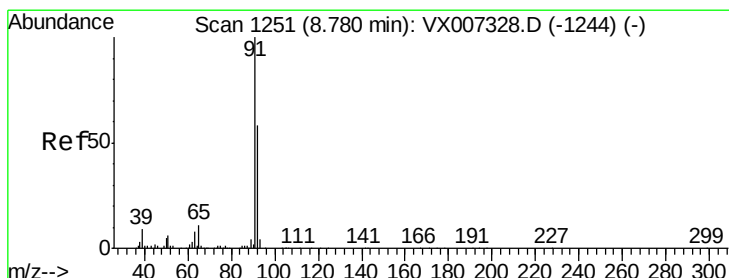
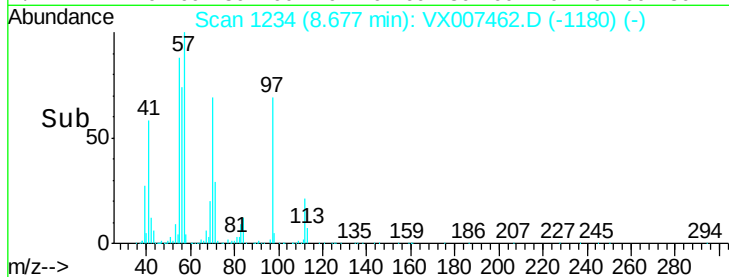
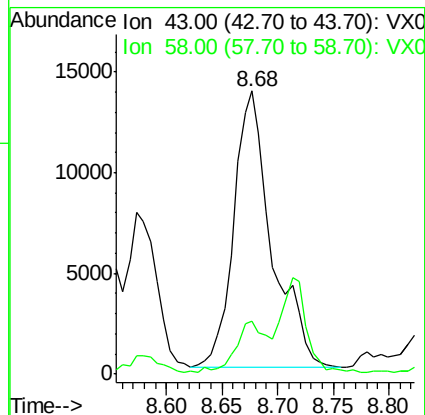
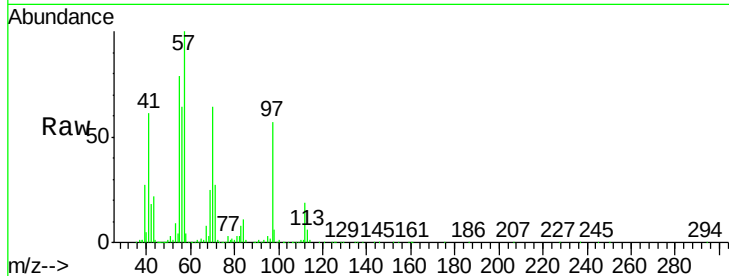
KY001MW020-190207

Tot Ion: 43 Resp: 32676

Ion Ratio Lower Upper

43 100

58 15.3 31.2 46.8#



#52

Toluene

Concen: 1.459 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007462.D

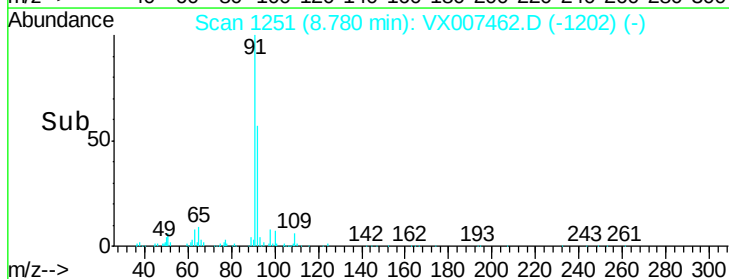
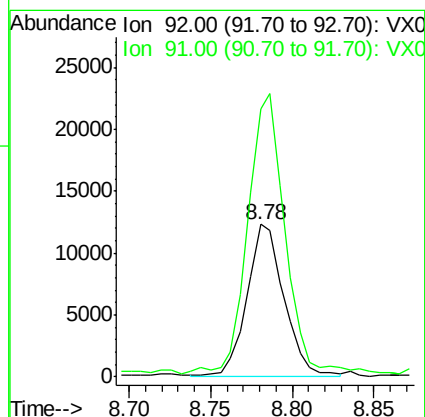
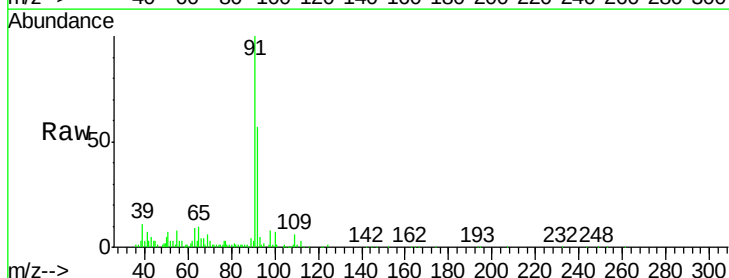
Acq: 11 Feb 2019 12:40

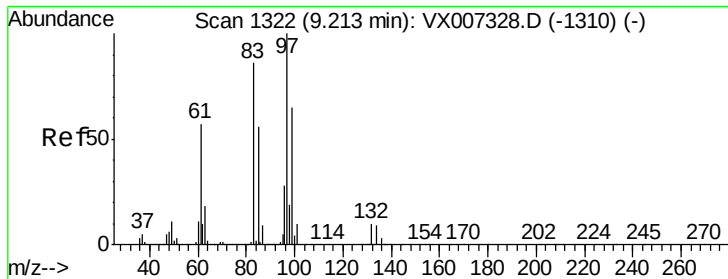
Tgt Ion: 92 Resp: 19567

Ion Ratio Lower Upper

92 100

91 182.5 139.1 208.7

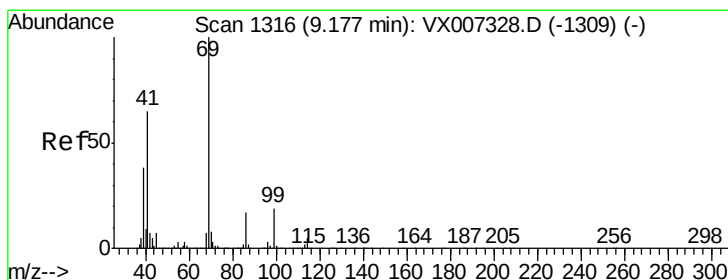
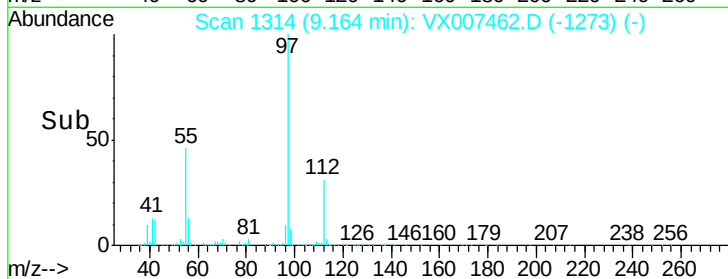
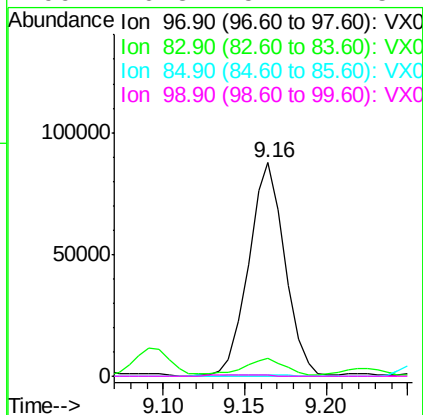
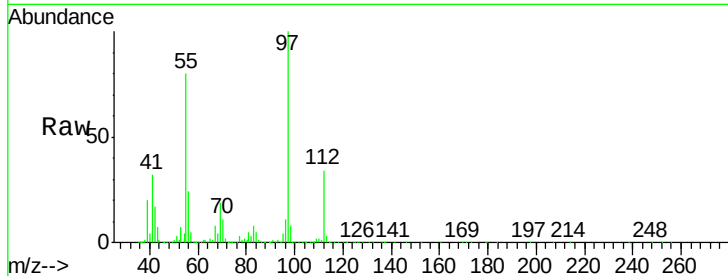




#55
 1,1,2-Trichloroethane
 Concen: 23.990 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX007462.D
 Acq: 11 Feb 2019 12:40

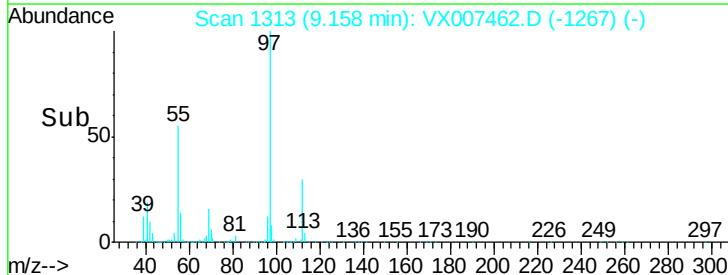
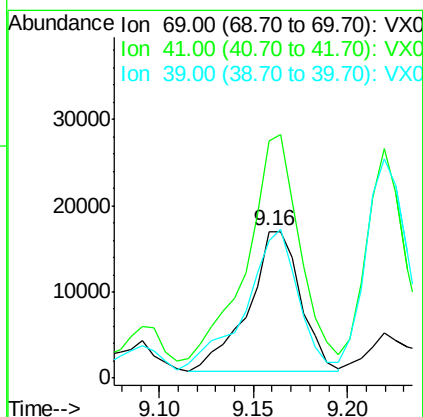
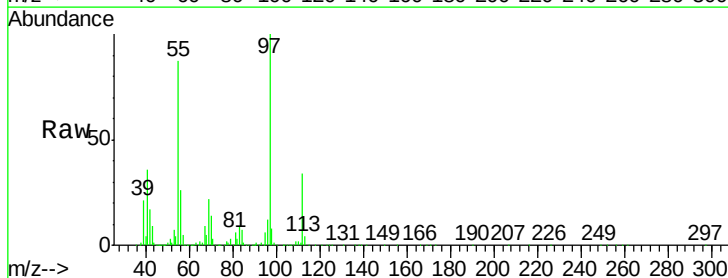
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207

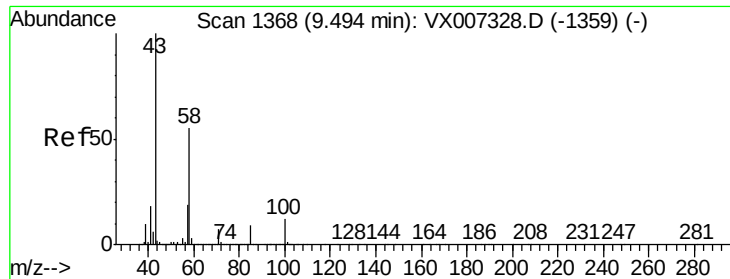
Tot Ion	97	Resp	134079
Ion Ratio	Lower	Upper	
97	100		
83	7.2	68.6	102.8#
85	0.5	44.5	66.7#
99	0.3	52.2	78.4#



#56
 Ethyl methacrylate
 Concen: 3.996 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX007462.D
 Acq: 11 Feb 2019 12:40

Tgt Ion	69	Resp	30936
Ion Ratio	Lower	Upper	
69	100		
41	160.8	52.1	78.1#
39	100.8	30.1	45.1#

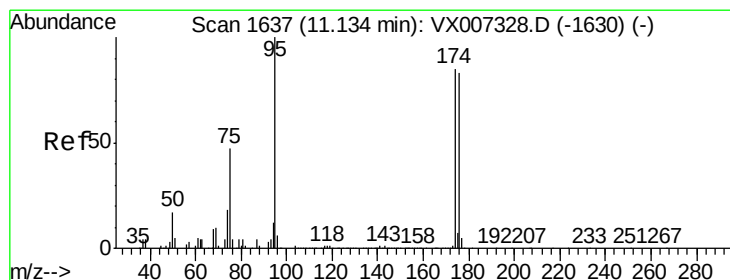
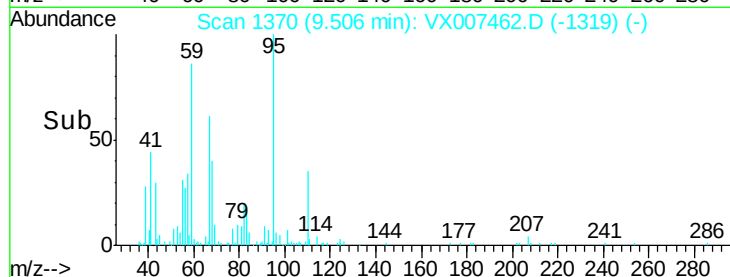
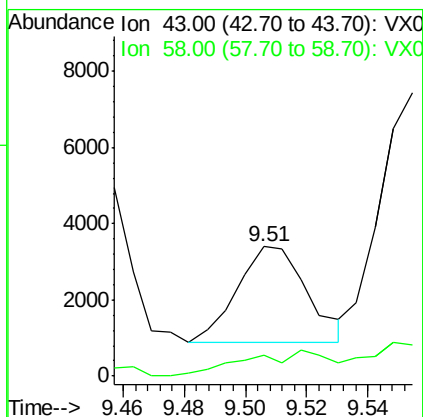
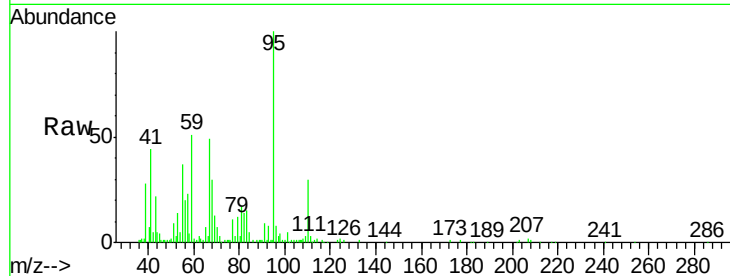




#59
2-Hexanone
Concen: 0.701 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

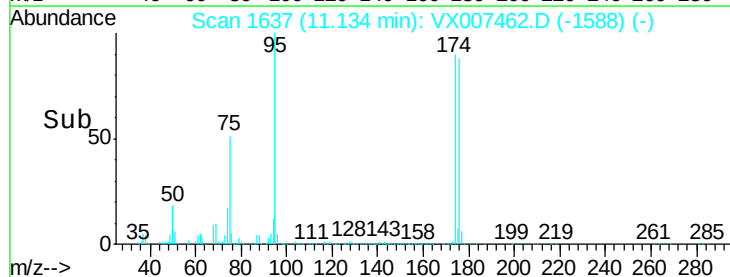
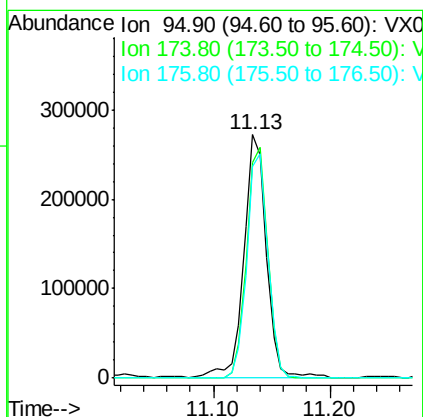
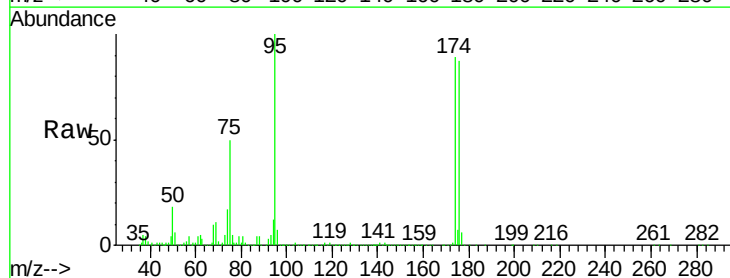
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207

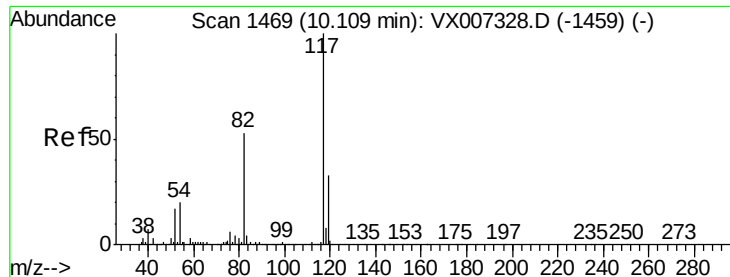
Tot Ion: 43 Resp: 3953
Ion Ratio Lower Upper
43 100
58 32.4 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 52.625 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

Tgt Ion: 95 Resp: 364698
Ion Ratio Lower Upper
95 100
174 90.6 0.0 189.2
176 87.8 0.0 186.2

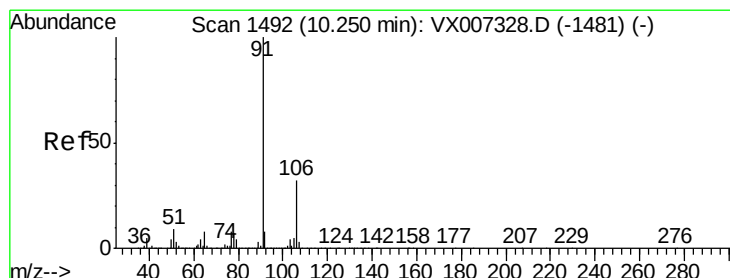
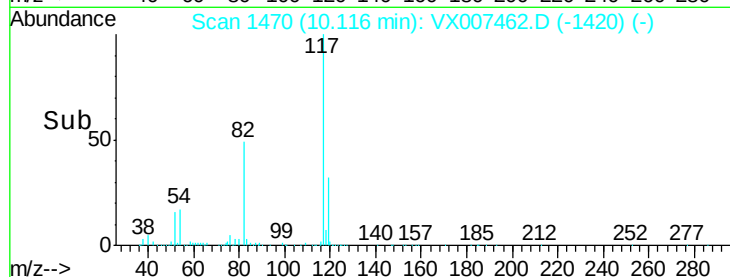
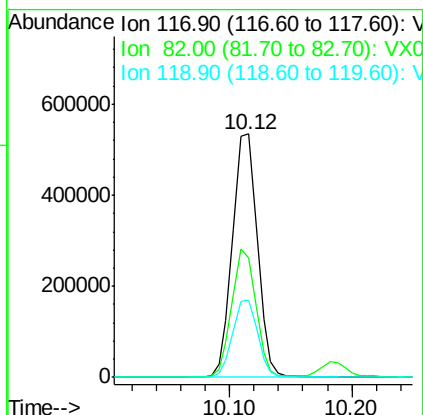
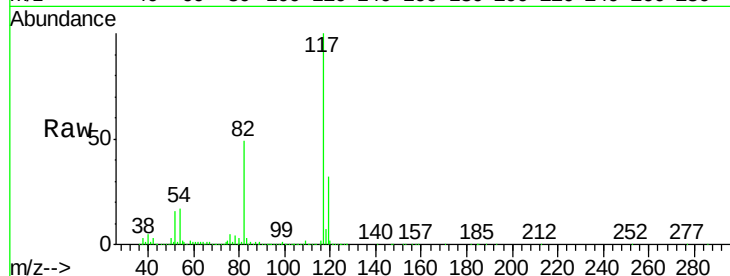




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

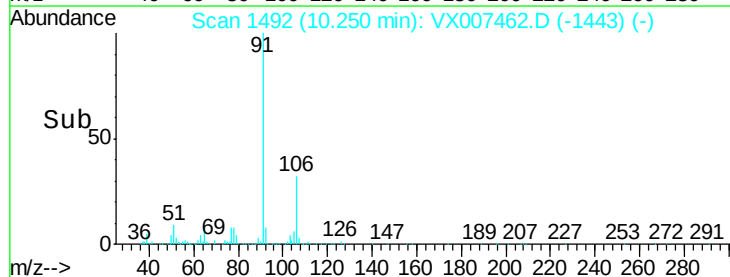
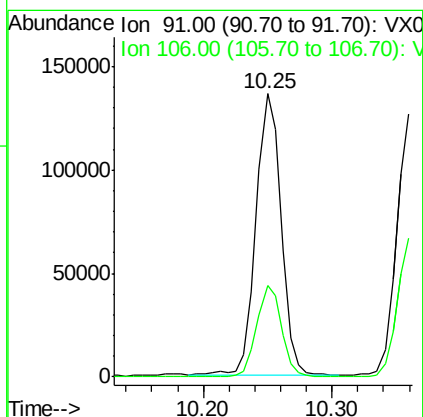
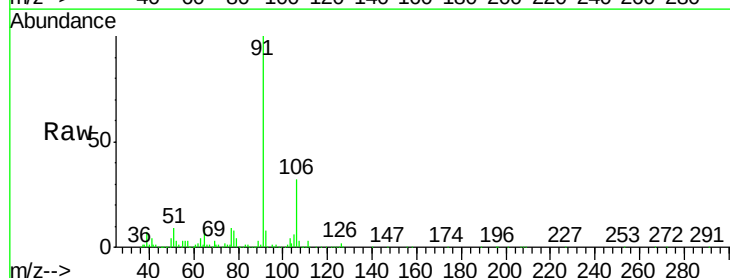
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207

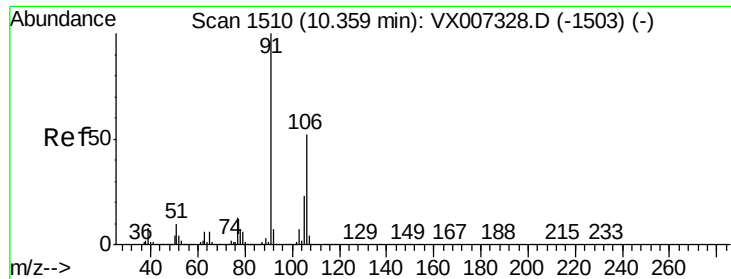
Tot Ion:117 Resp: 753284
Ion Ratio Lower Upper
117 100
82 49.0 42.1 63.1
119 32.0 26.5 39.7



#67
Ethyl Benzene
Concen: 6.894 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

Tgt Ion: 91 Resp: 182498
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.0

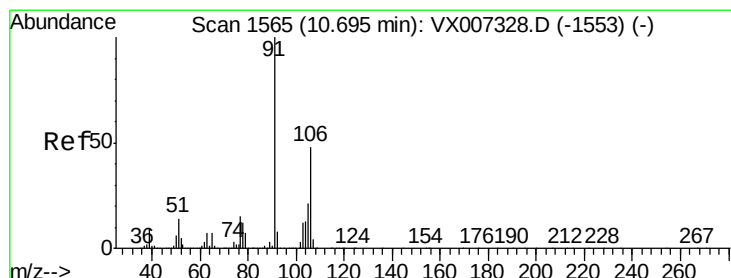
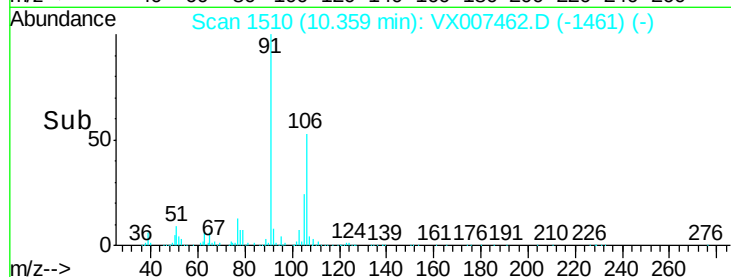
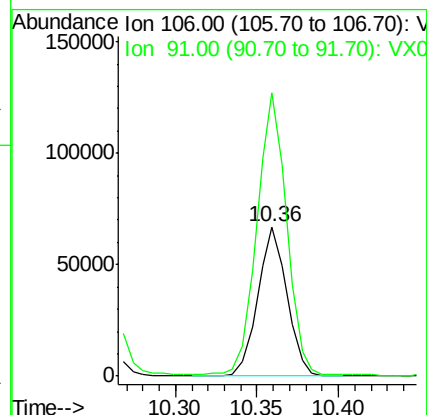
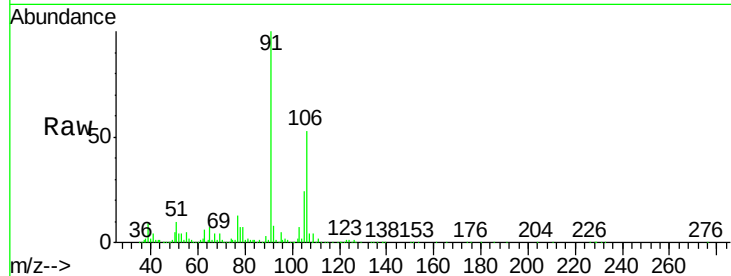




#68
m/p-Xylenes
Concen: 7.853 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

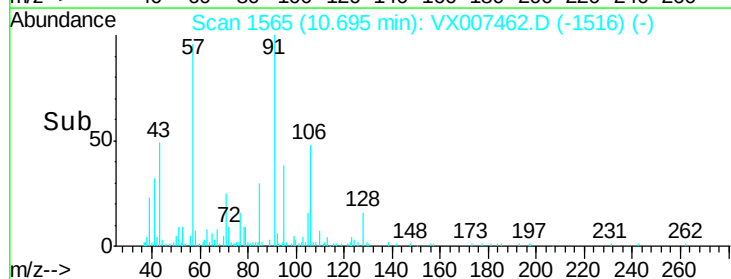
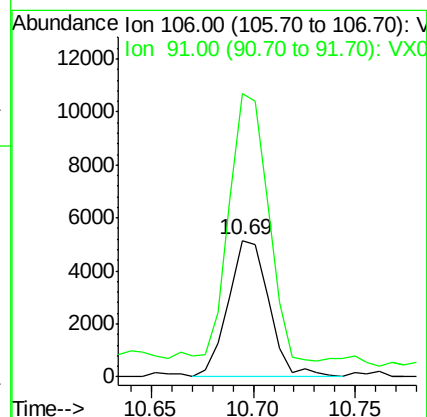
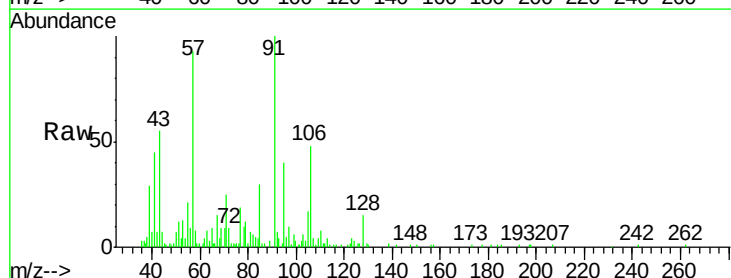
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207

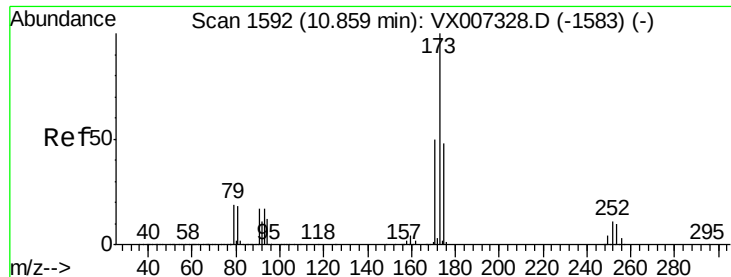
Tot Ion:106 Resp: 82638
Ion Ratio Lower Upper
106 100
91 193.1 156.6 234.8



#69
o-Xylene
Concen: 0.700 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007462.D
Acq: 11 Feb 2019 12:40

Tgt Ion:106 Resp: 7088
Ion Ratio Lower Upper
106 100
91 198.8 102.9 308.7





#71

Bromoform

Concen: 4.052 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.04 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

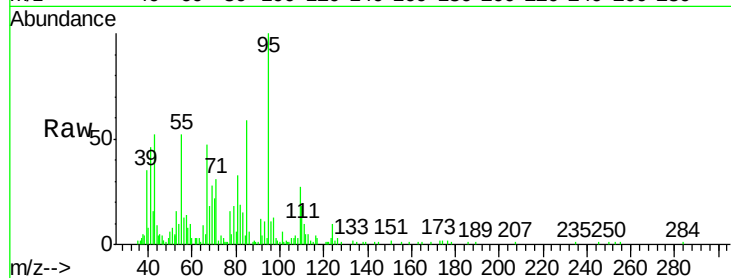
Tot Ion:173 Resp: 120

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

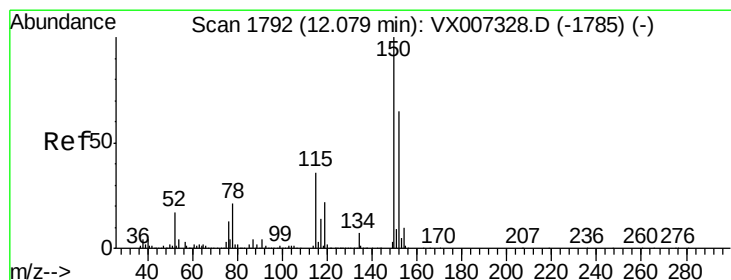
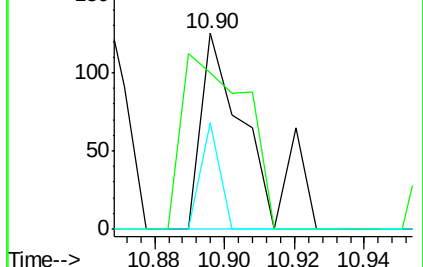
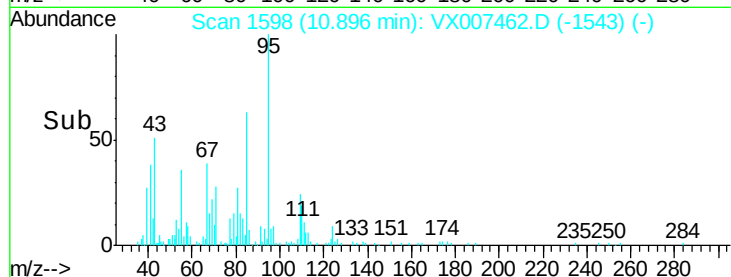
254 20.8 0.2 0.2#



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: VX007462.D

Acq: 11 Feb 2019 12:40

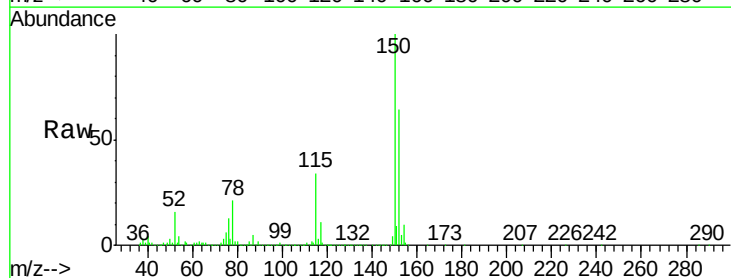
Tgt Ion:152 Resp: 380097

Ion Ratio Lower Upper

152 100

115 53.9 38.0 114.0

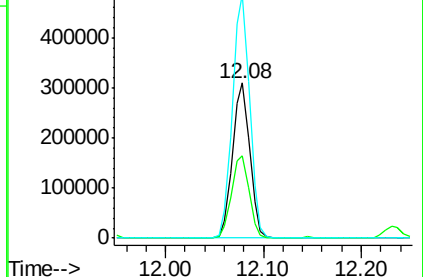
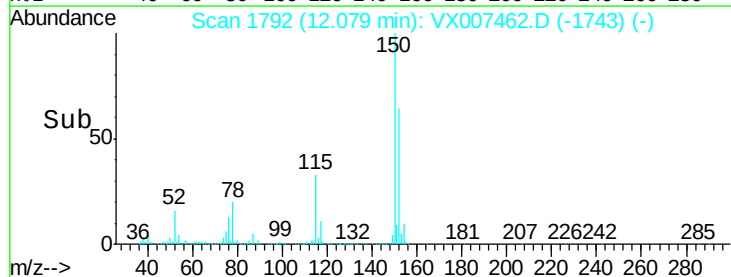
150 156.1 0.0 346.4

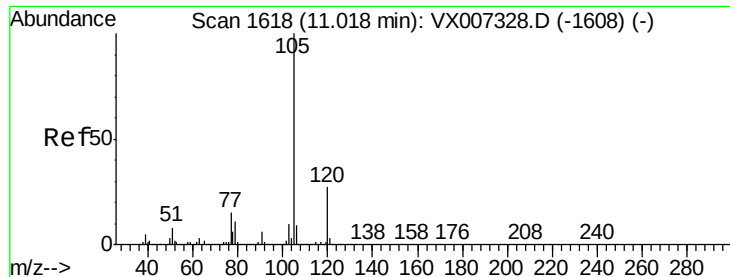


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 144.448 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

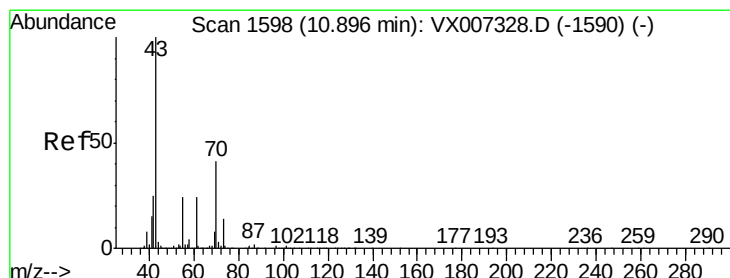
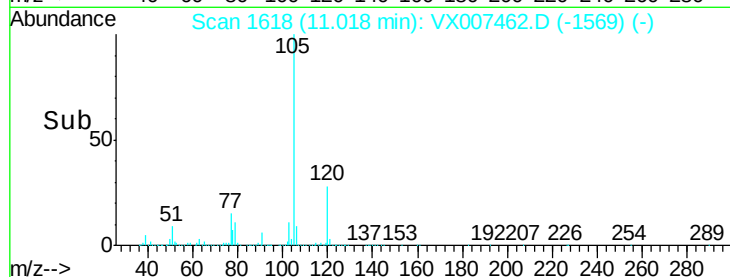
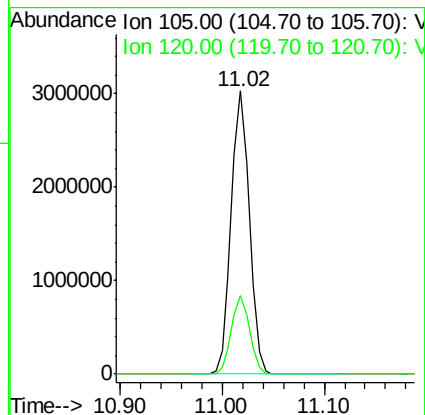
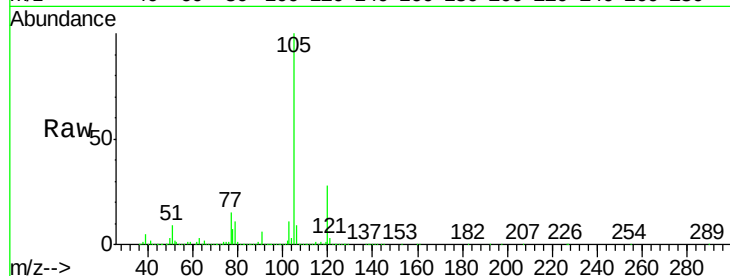
KY001MW020-190207

Tot Ion:105 Resp: 3731041

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7



#74

N-ethyl acetate

Concen: 0.352 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Tgt Ion: 43 Resp: 3520

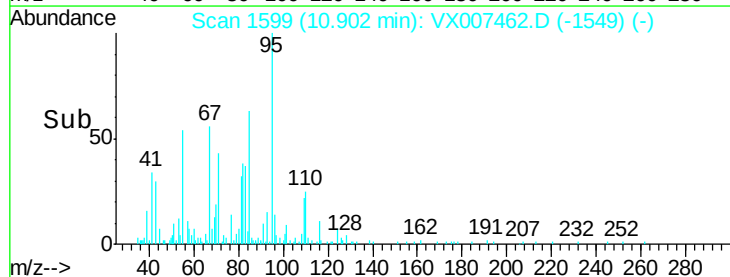
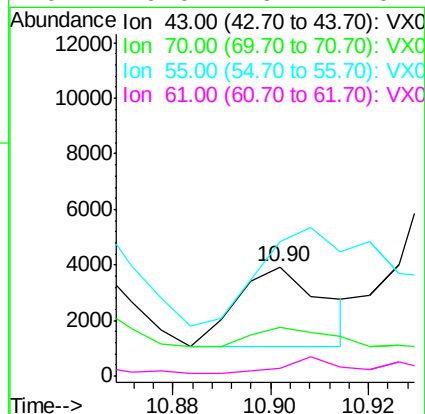
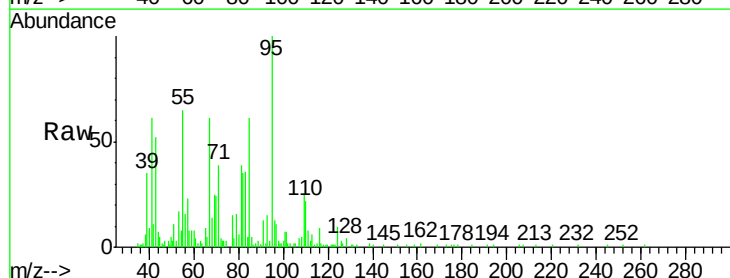
Ion Ratio Lower Upper

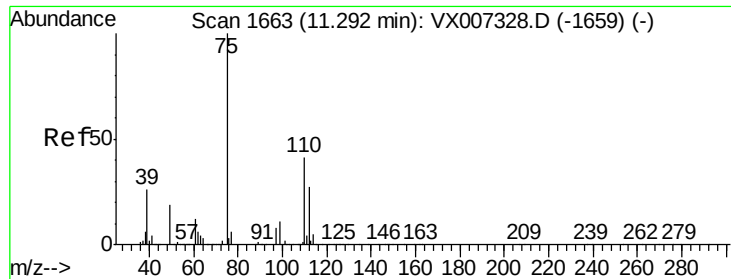
43 100

70 102.8 33.8 50.6#

55 298.0 19.5 29.3#

61 0.0 19.4 29.2#





#76

1,2,3-Trichloropropane

Concen: 2.213 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

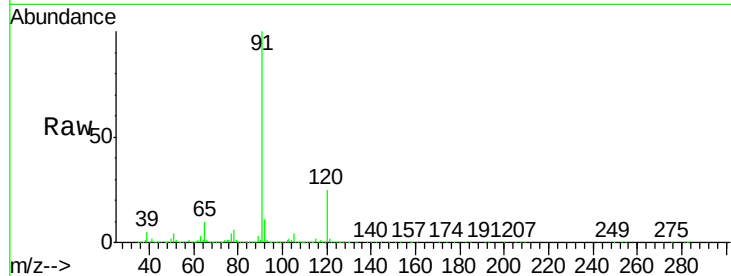
KY001MW020-190207

Tot Ion: 75 Resp: 16365

Ion Ratio Lower Upper

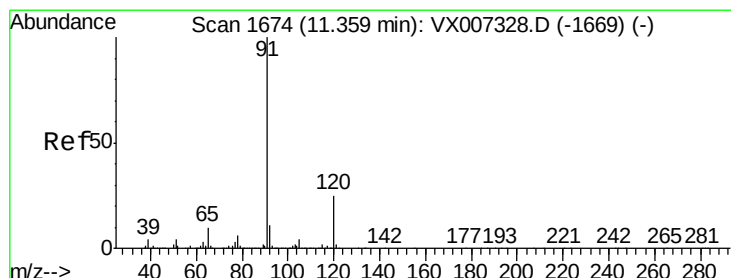
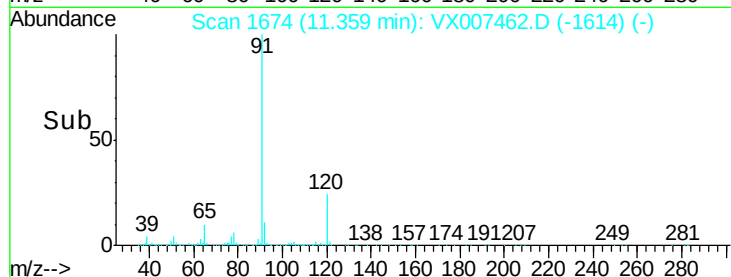
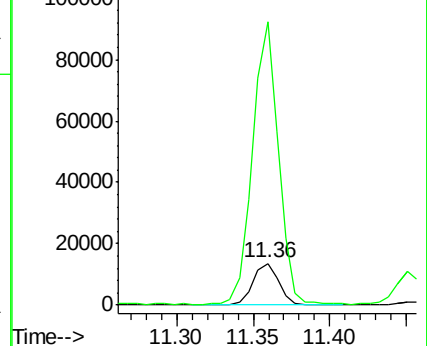
75 100

77 658.6 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 98.261 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007462.D

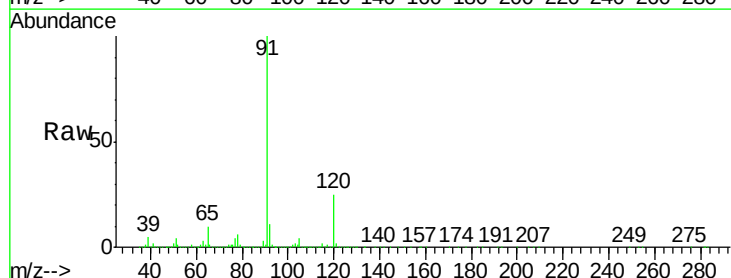
Acq: 11 Feb 2019 12:40

Tgt Ion: 91 Resp: 2783115

Ion Ratio Lower Upper

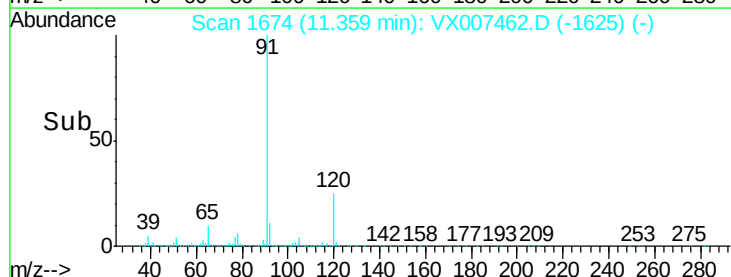
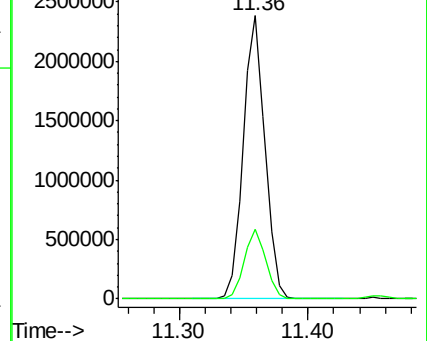
91 100

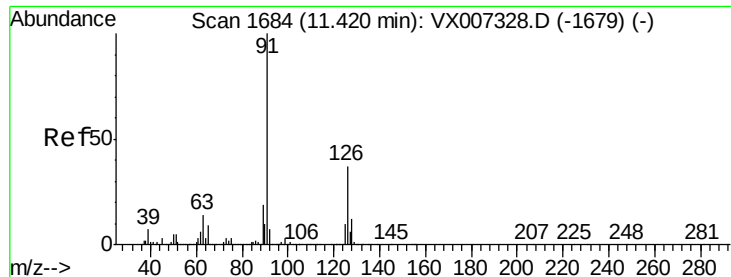
120 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 161.938 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

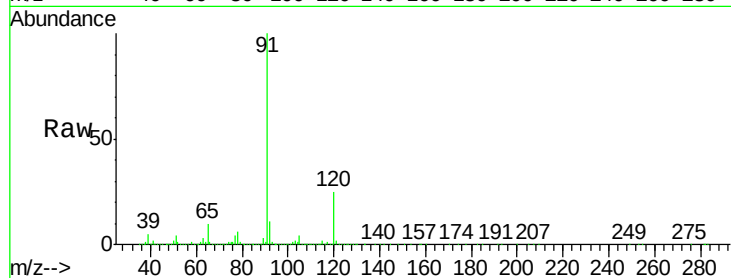
KY001MW020-190207

Tot Ion: 91 Resp: 2783115

Ion Ratio Lower Upper

91 100

126 0.1 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

2500000

2000000

1500000

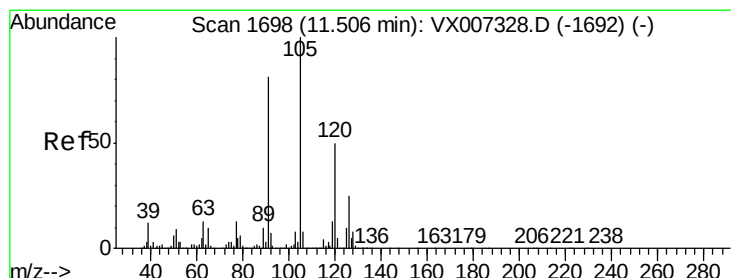
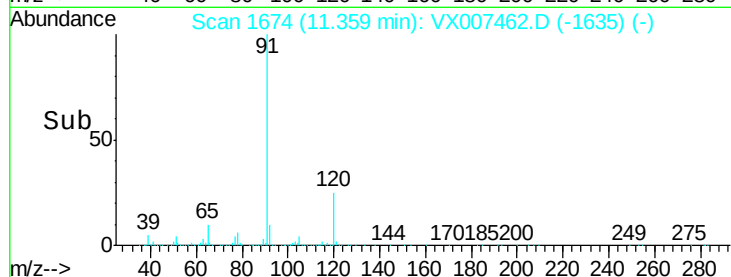
1000000

500000

0

11.30 11.40

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 2.736 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007462.D

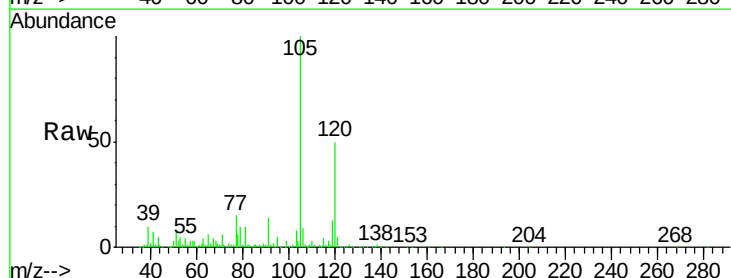
Acq: 11 Feb 2019 12:40

Tgt Ion:105 Resp: 57807

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

100000

80000

60000

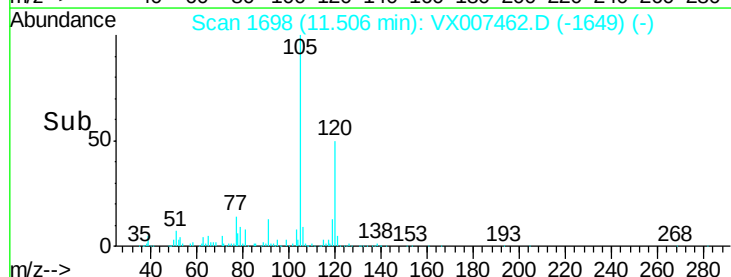
40000

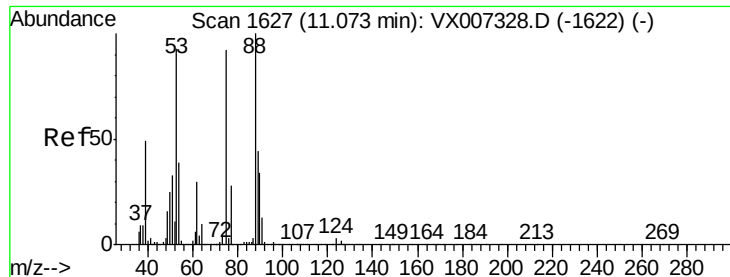
20000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.195 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

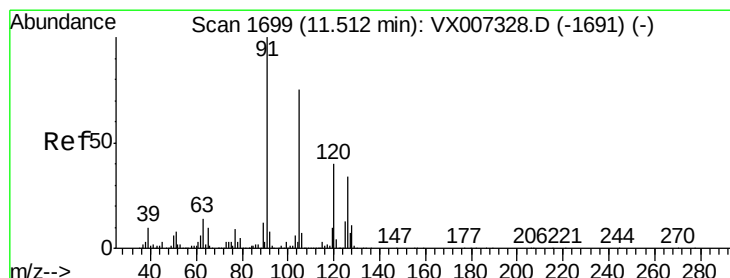
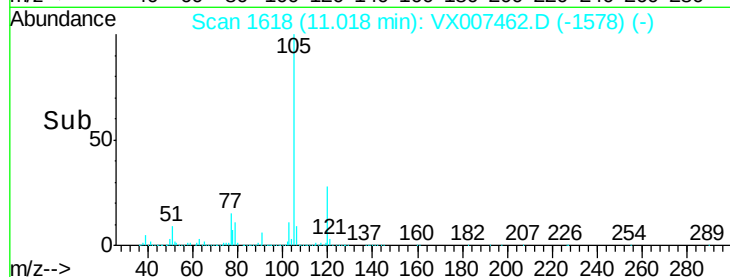
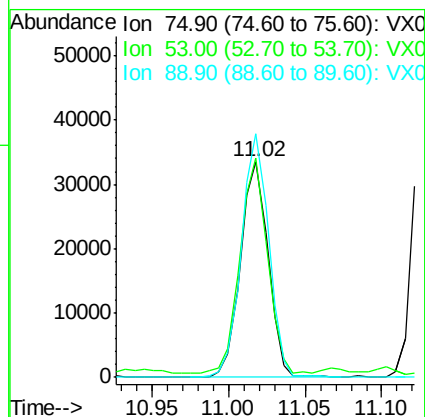
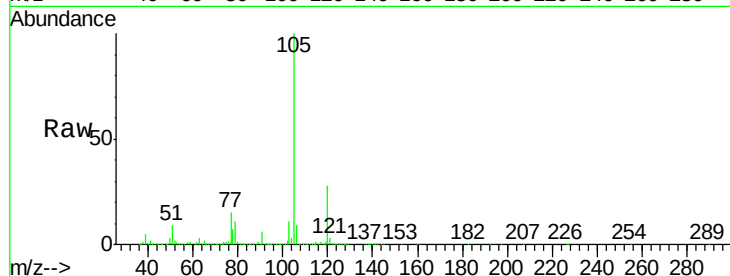
Tot Ion: 75 Resp: 41719

Ion Ratio Lower Upper

75 100

53 98.9 81.0 121.6

89 112.6 41.4 62.0#



#82

4-Chlorotoluene

Concen: 139.951 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX007462.D

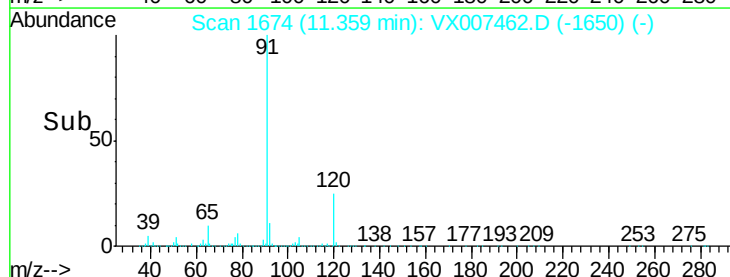
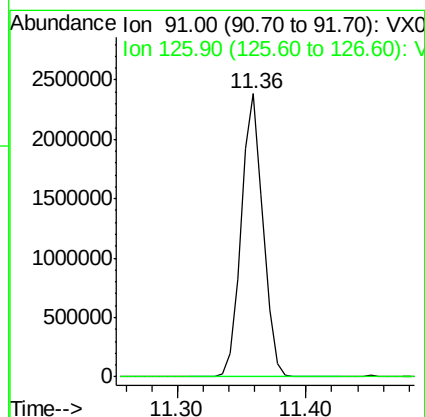
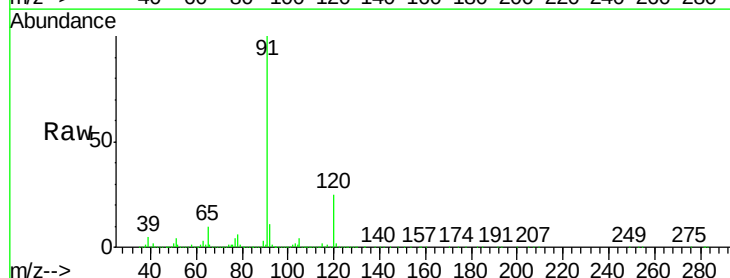
Acq: 11 Feb 2019 12:40

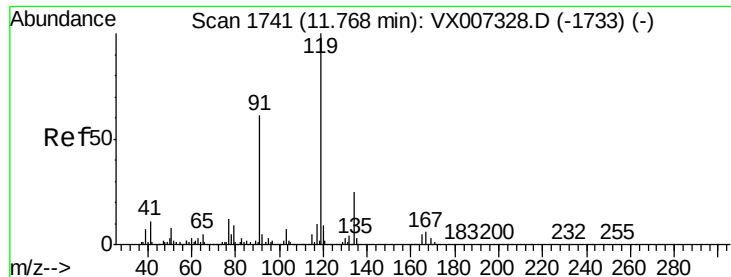
Tgt Ion: 91 Resp: 2783115

Ion Ratio Lower Upper

91 100

126 0.1 16.2 48.5#





#83

tert-Butylbenzene

Concen: 4.736 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

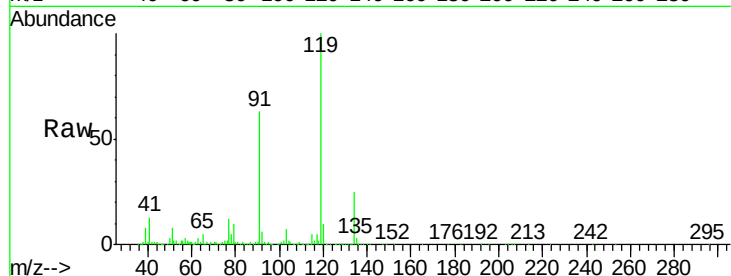
Tot Ion:119 Resp: 99087

Ion Ratio Lower Upper

119 100

91 63.4 28.5 85.6

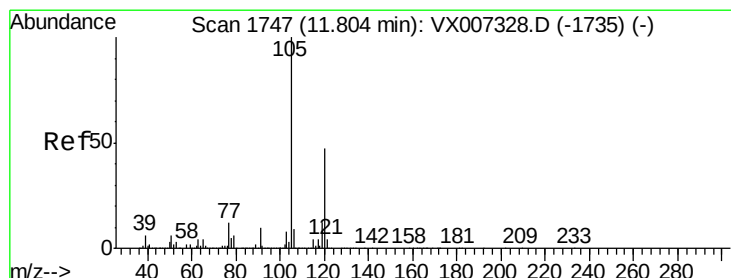
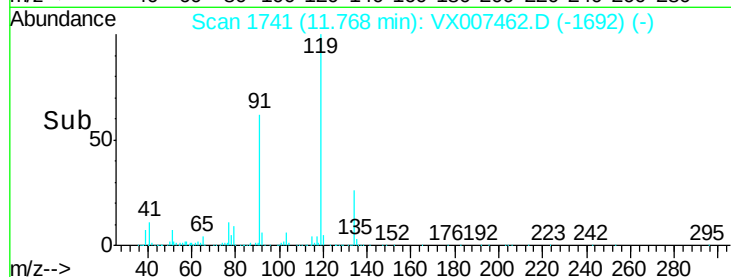
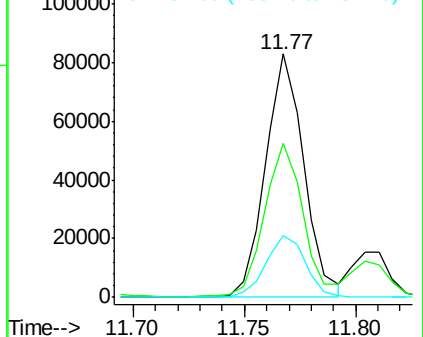
134 26.2 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 7.117 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007462.D

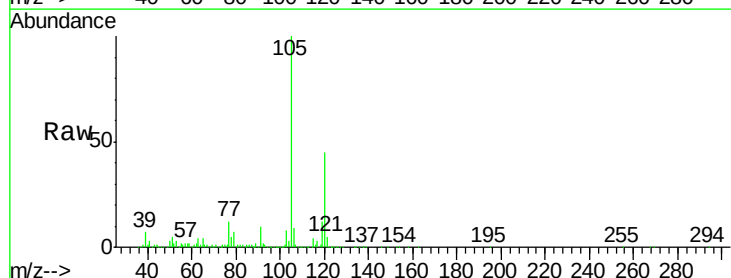
Acq: 11 Feb 2019 12:40

Tgt Ion:105 Resp: 152684

Ion Ratio Lower Upper

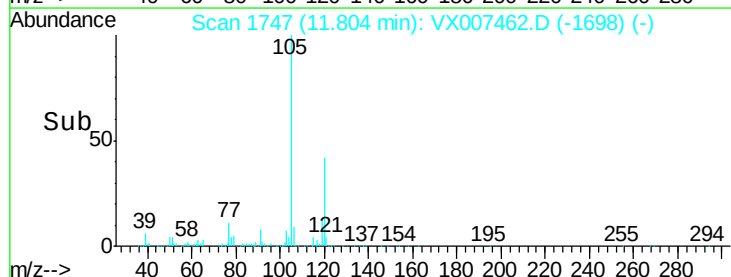
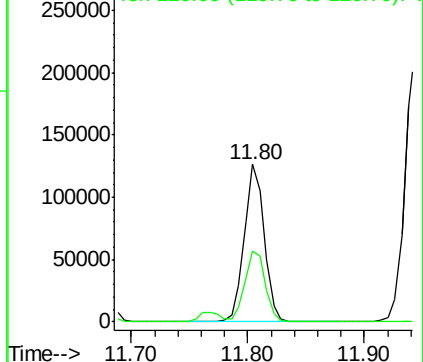
105 100

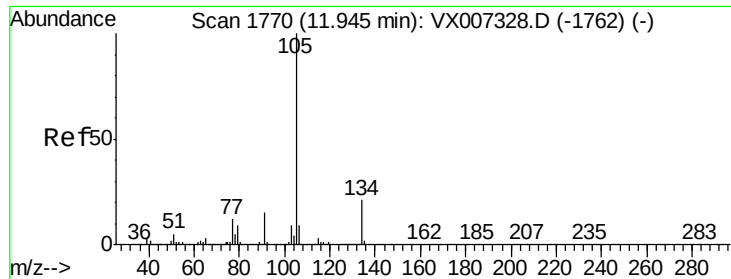
120 46.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 10.915 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

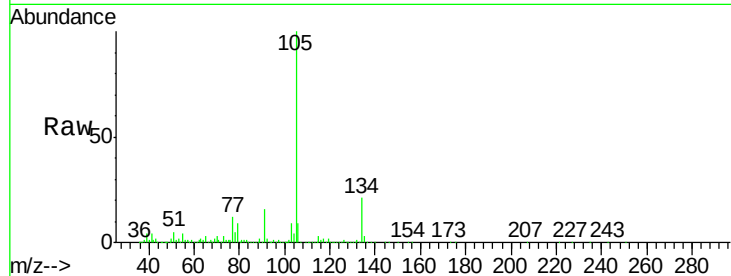
KY001MW020-190207

Tot Ion:105 Resp: 276378

Ion Ratio Lower Upper

105 100

134 19.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

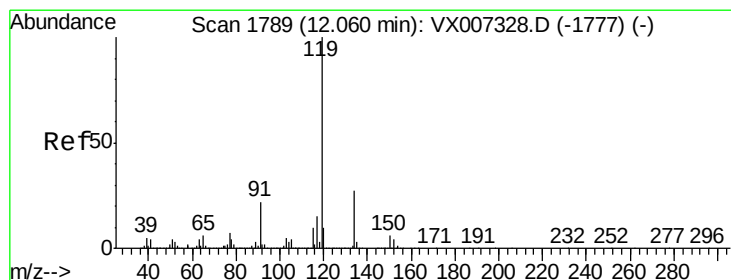
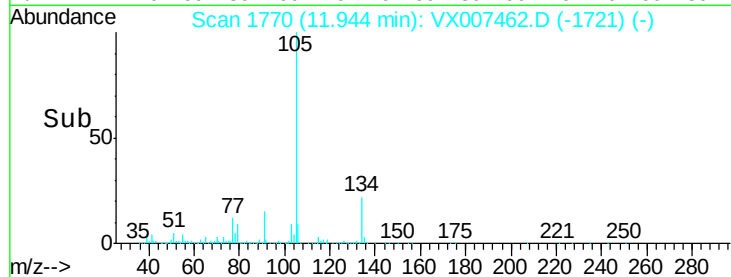
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 14.493 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

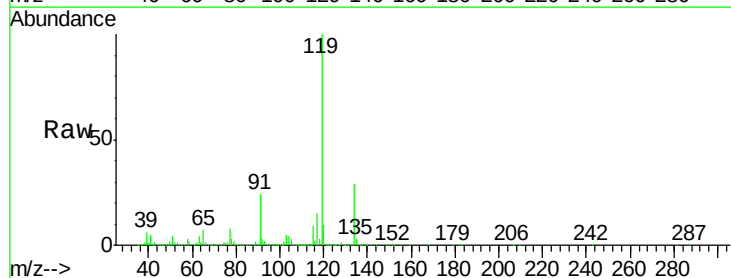
Tgt Ion:119 Resp: 331276

Ion Ratio Lower Upper

119 100

134 29.3 13.7 41.1

91 23.6 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

1200000

1000000

800000

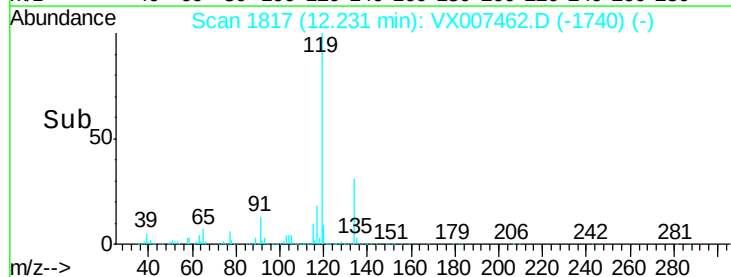
600000

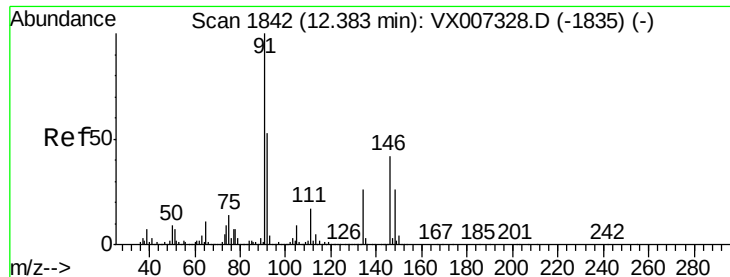
400000

200000

0

Time-->





#89

n-Butylbenzene

Concen: 5.805 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

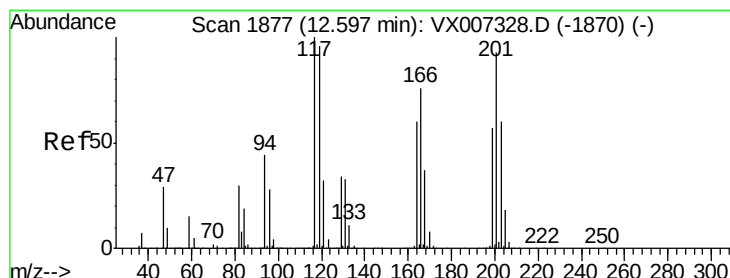
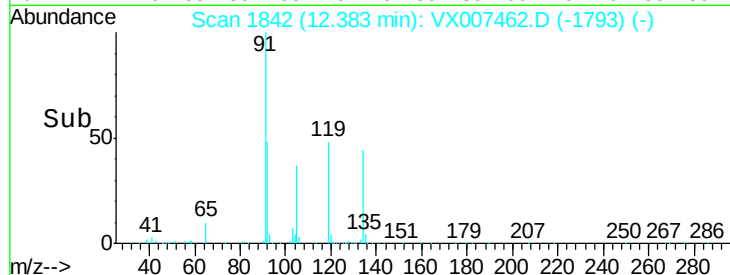
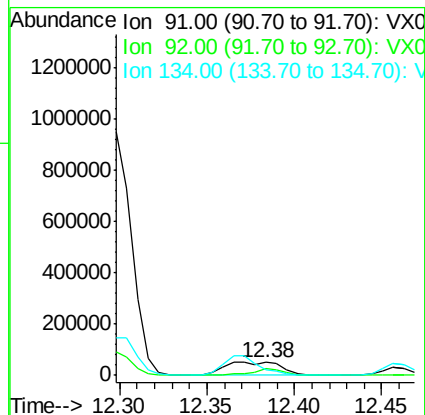
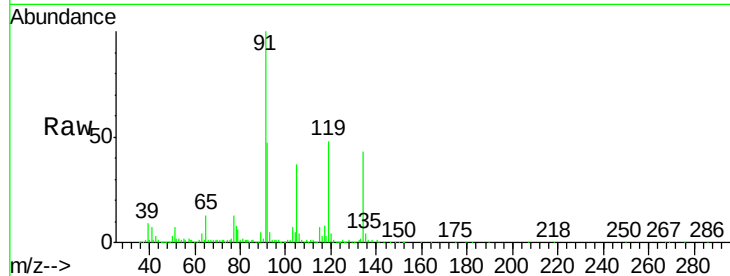
Tot Ion: 91 Resp: 114147

Ion Ratio Lower Upper

91 100

92 30.4 26.3 78.9

134 98.4 13.9 41.6#



#90

Hexachloroethane

Concen: 96.628 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX007462.D

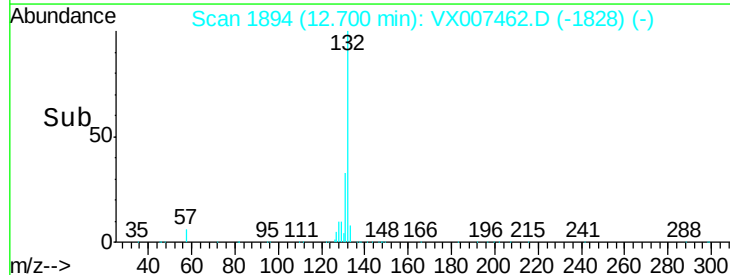
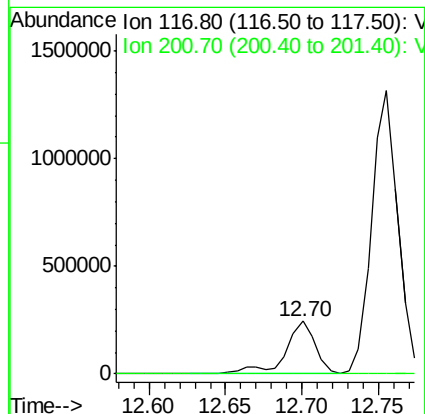
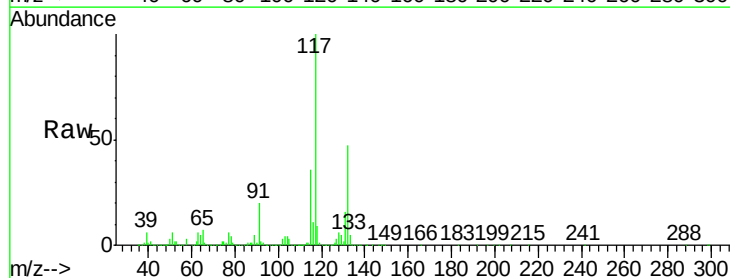
Acq: 11 Feb 2019 12:40

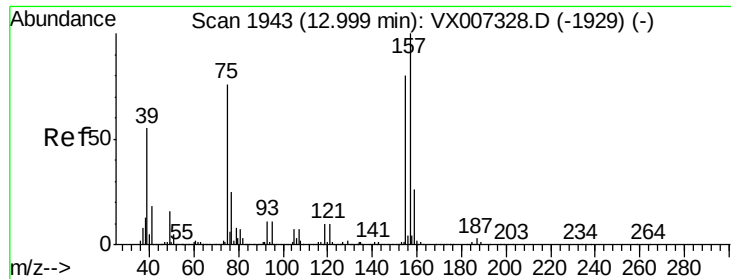
Tgt Ion: 117 Resp: 330564

Ion Ratio Lower Upper

117 100

201 0.0 44.9 134.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.153 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207

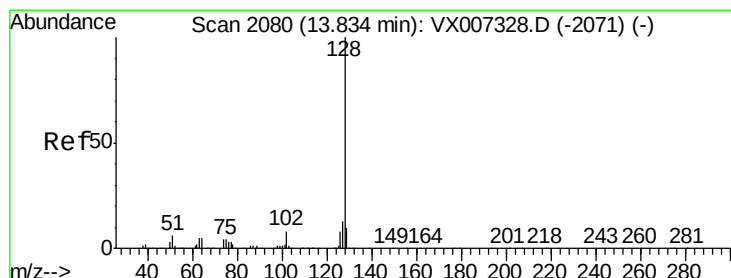
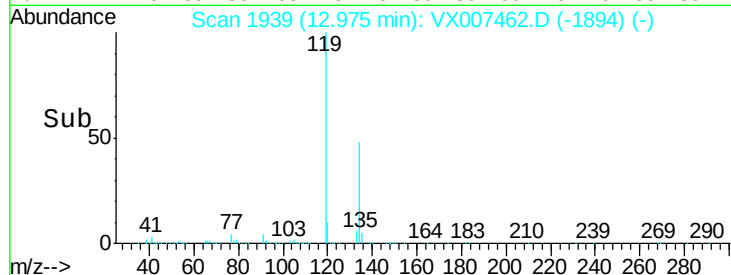
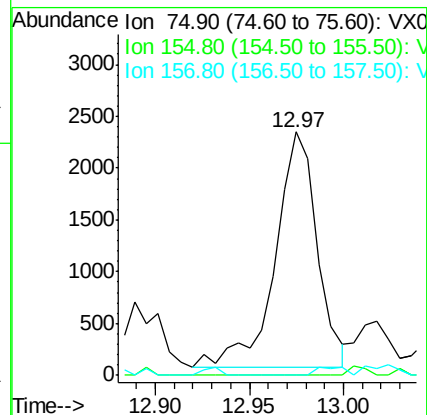
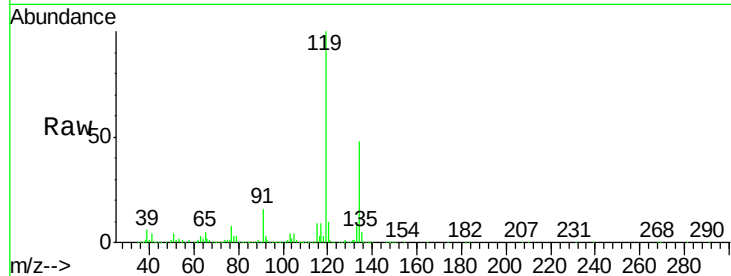
Tot Ion: 75 Resp: 3524

Ion Ratio Lower Upper

75 100

155 0.0 49.6 149.0#

157 2.3 65.1 195.3#



#95

Naphthalene

Concen: 7.438 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007462.D

Acq: 11 Feb 2019 12:40

Tgt Ion: 128 Resp: 190660

Ion Ratio Lower Upper

128 100

127 14.8 10.5 15.7

129 16.1 8.7 13.1#

