

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007555.D
 Acq On : 14 Feb 2019 19:28
 Operator : JC/SP
 Sample : K1474-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW003-190212

Quant Time: Feb 15 05:49:15 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	5.66	168	540040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	840081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	786319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386935	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	286348	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	5.51	113	263053	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	995415	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	359562	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	

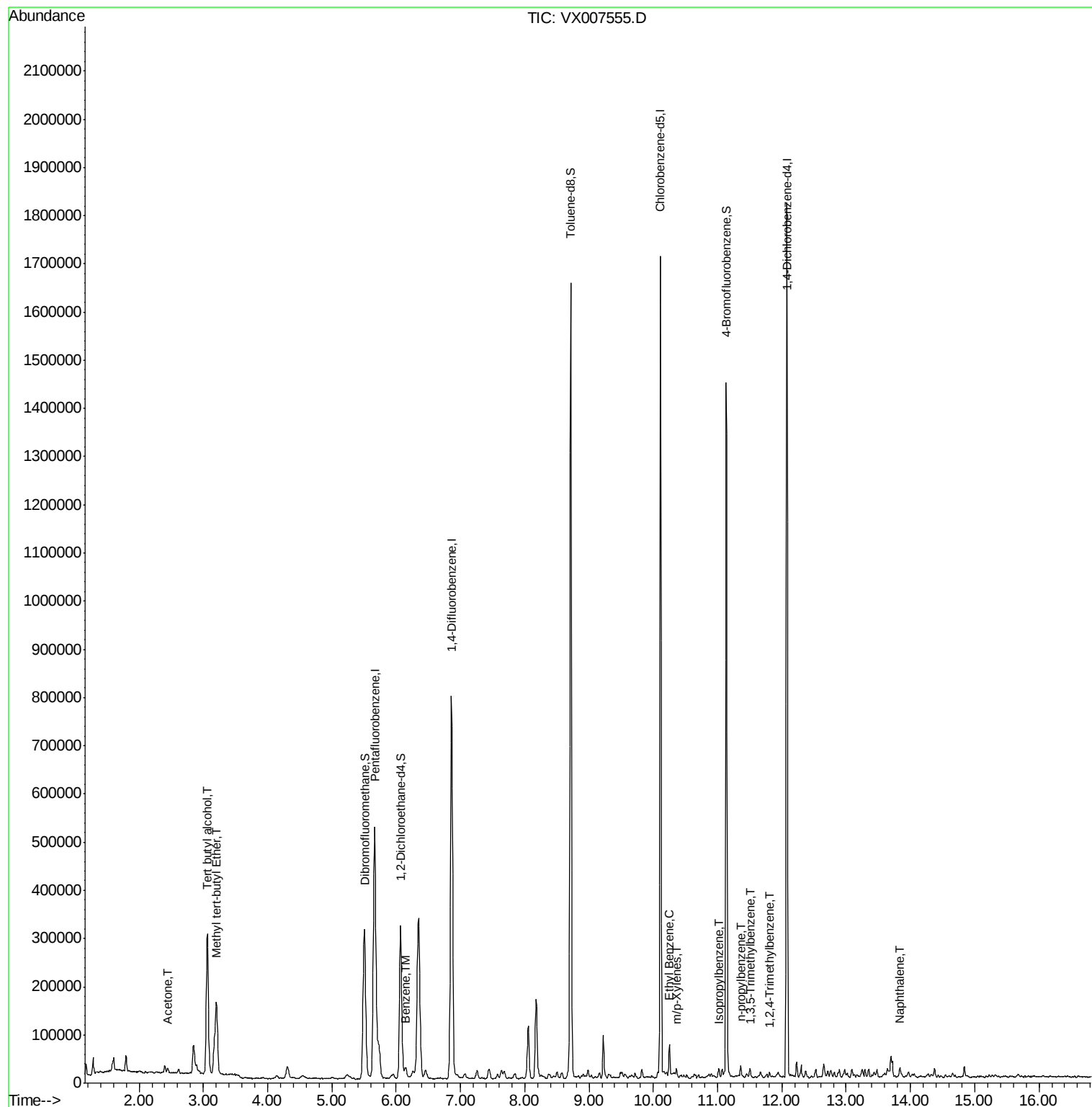
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	363274	306.235	ug/l	98
16) Acetone	2.45	43	12454	4.743	ug/l #	79
19) Methyl tert-butyl Ether	3.21	73	159506	9.548	ug/l	95
40) Benzene	6.14	78	27472	1.237	ug/l #	88
67) Ethyl Benzene	10.25	91	40902	1.480	ug/l	91
68) m/p-Xylenes	10.36	106	2875	0.262	ug/l	96
73) Isopropylbenzene	11.02	105	7651	0.291	ug/l	89
78) n-propylbenzene	11.36	91	10480	0.363	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	6812	0.317	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	4620	0.212	ug/l	88
95) Naphthalene	13.83	128	12677	0.486	ug/l #	88

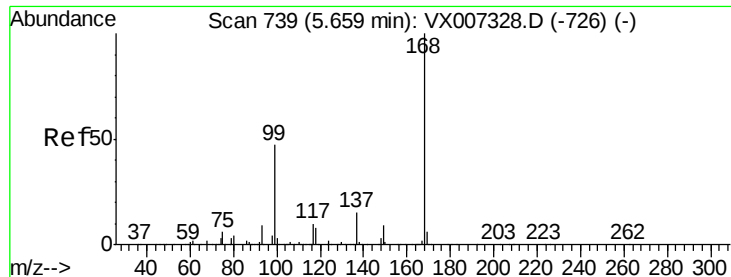
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007555.D

Acq: 14 Feb 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

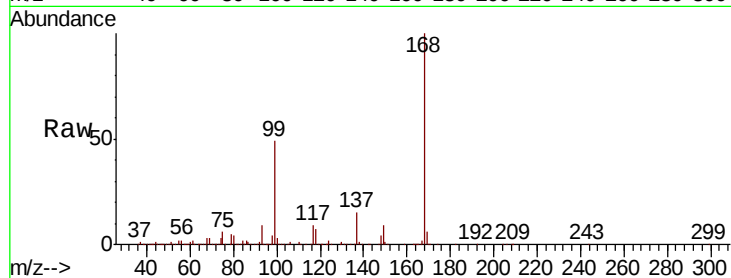
KY001MW003-190212

Tot Ion:168 Resp: 540040

Ion Ratio Lower Upper

168 100

99 48.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

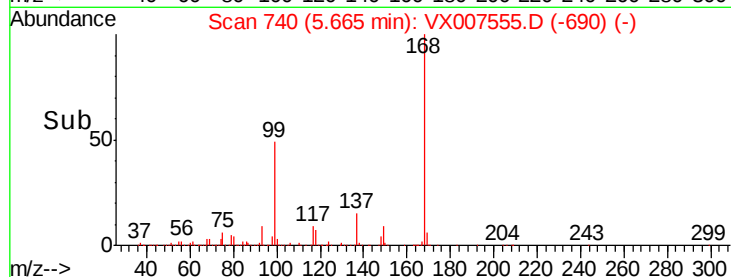
100000

50000

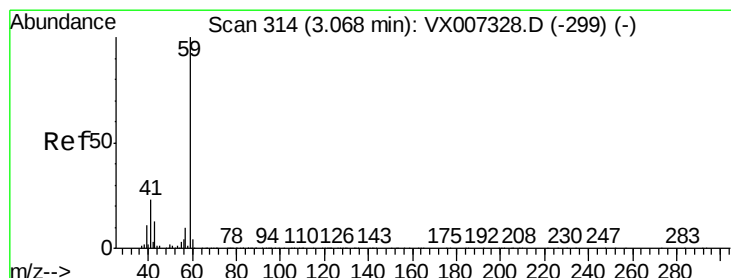
0

5.66

5.50 5.60 5.70 5.80



Time-->



#11

Tert butyl alcohol

Concen: 306.235 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007555.D

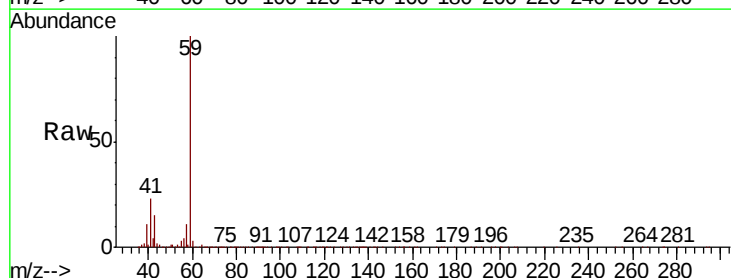
Acq: 14 Feb 2019 19:28

Tgt Ion: 59 Resp: 363274

Ion Ratio Lower Upper

59 100

57 10.7 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150000

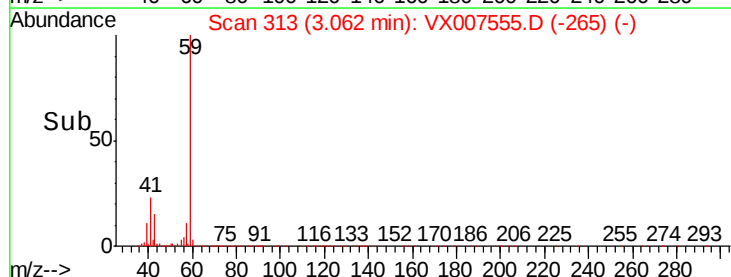
100000

50000

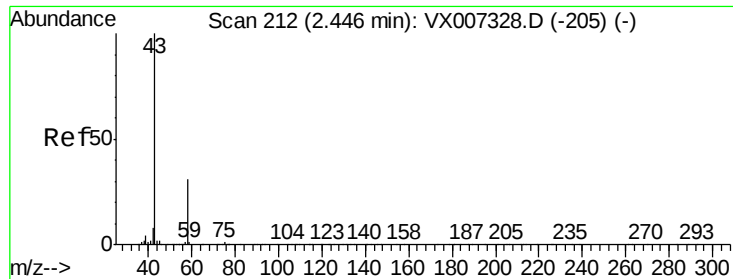
0

3.06

3.00 3.10 3.20



Time-->



#16

Acetone

Concen: 4.743 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007555.D

Acq: 14 Feb 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

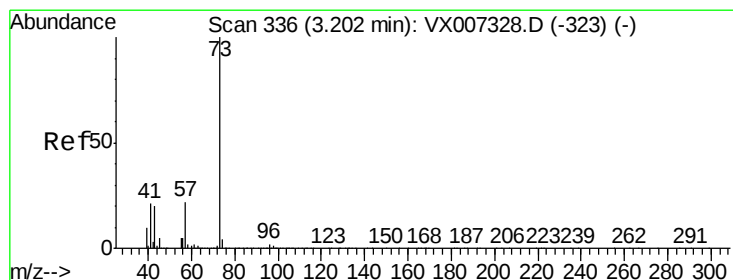
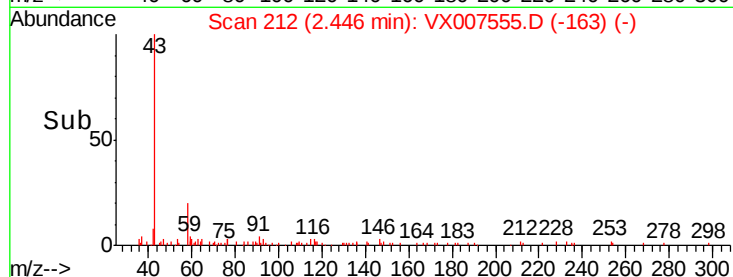
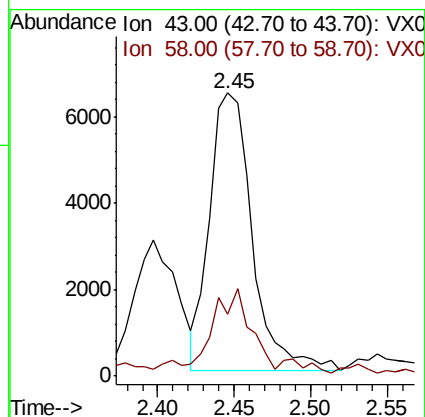
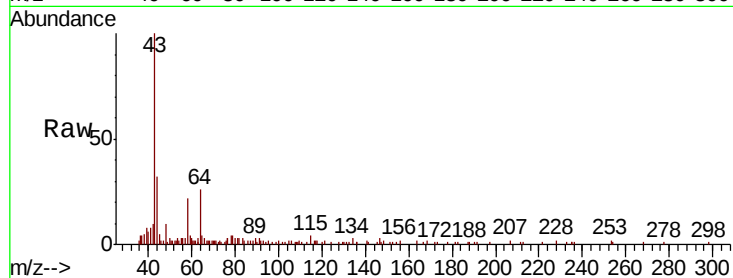
KY001MW003-190212

Tot Ion: 43 Resp: 12454

Ion Ratio Lower Upper

43 100

58 19.5 24.9 37.3#



#19

Methyl tert-butyl Ether

Concen: 9.548 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007555.D

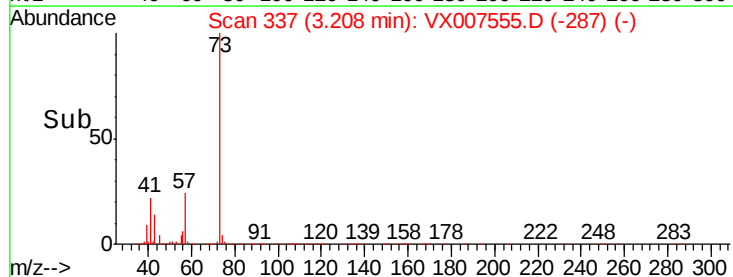
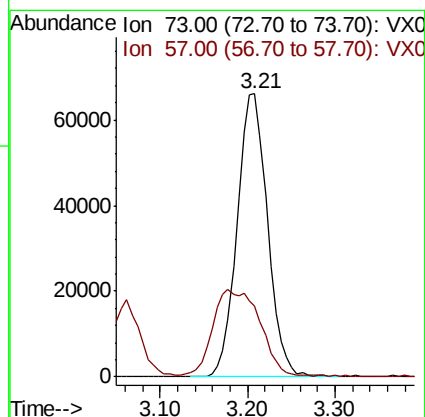
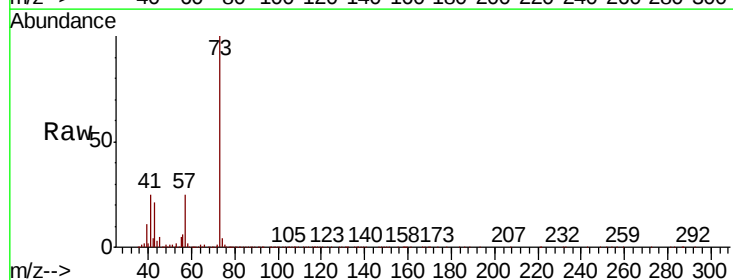
Acq: 14 Feb 2019 19:28

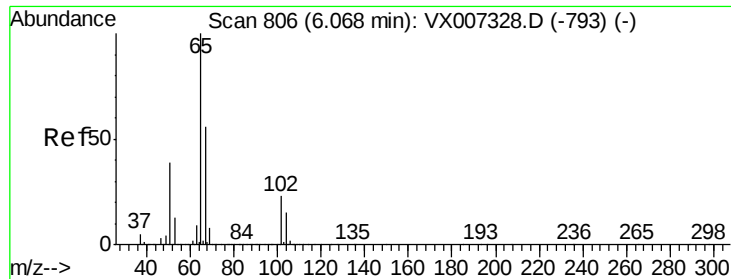
Tgt Ion: 73 Resp: 159506

Ion Ratio Lower Upper

73 100

57 24.7 17.8 26.8

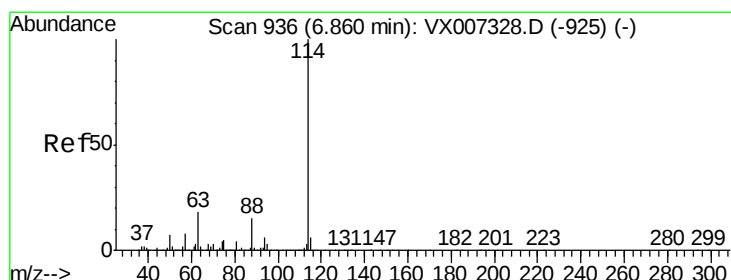
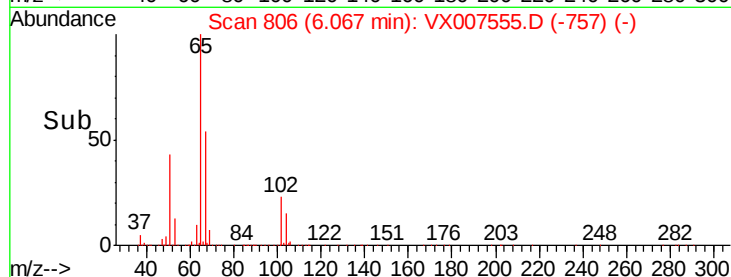
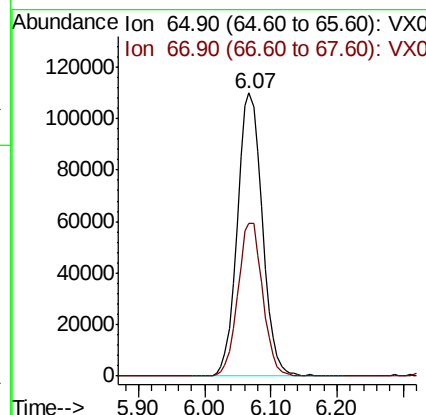
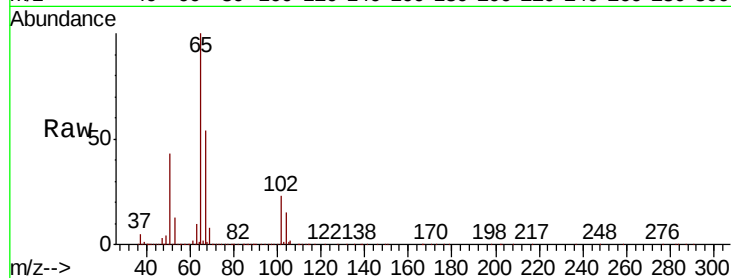




#33
 1,2-Dichloroethane-d4
 Concen: 49.955 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007555.D
 Acq: 14 Feb 2019 19:28

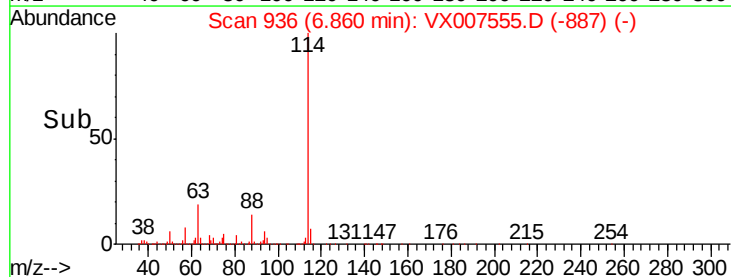
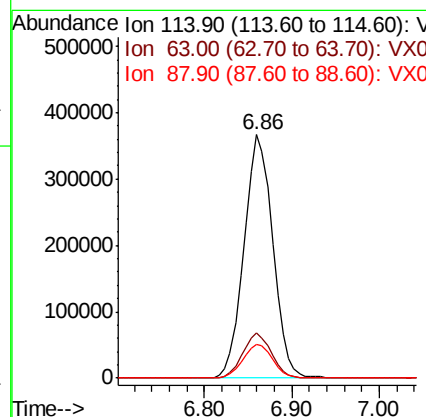
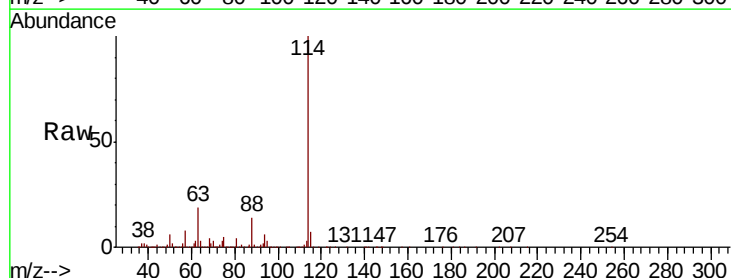
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW003-190212

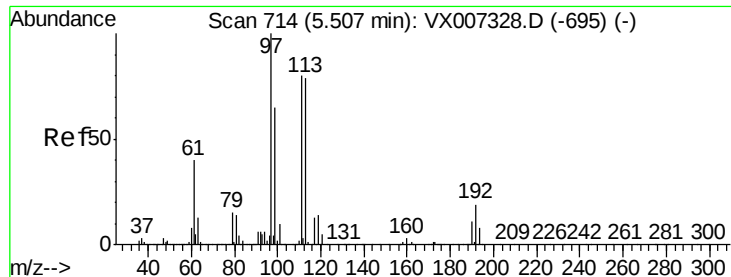
Tot Ion: 65 Resp: 286348
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007555.D
 Acq: 14 Feb 2019 19:28

Tgt Ion: 114 Resp: 840081
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.6
 88 13.7 0.0 29.6

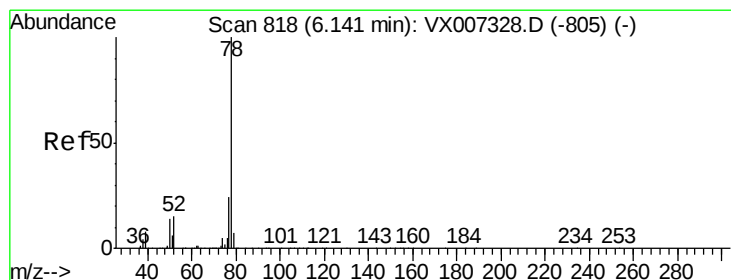
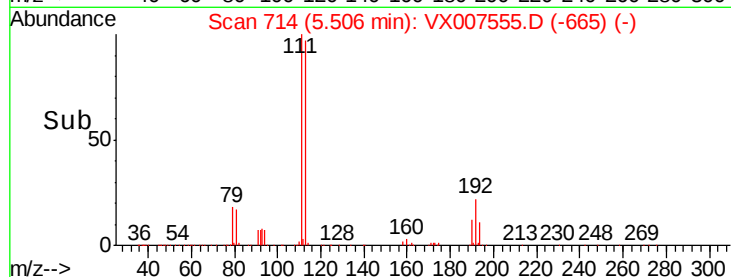
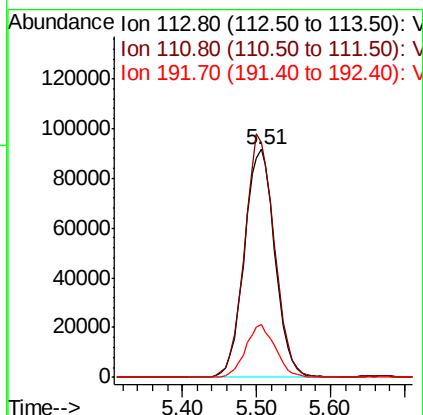
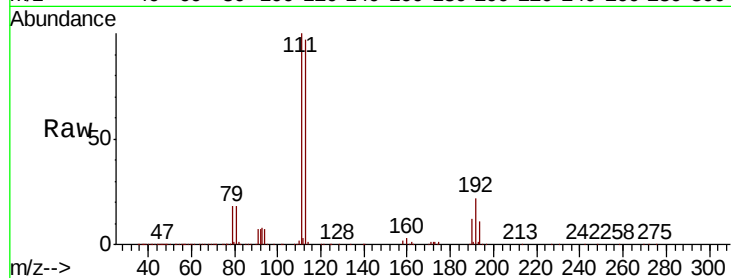




#35
 Dibromofluoromethane
 Concen: 48.124 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX007555.D
 Acq: 14 Feb 2019 19:28

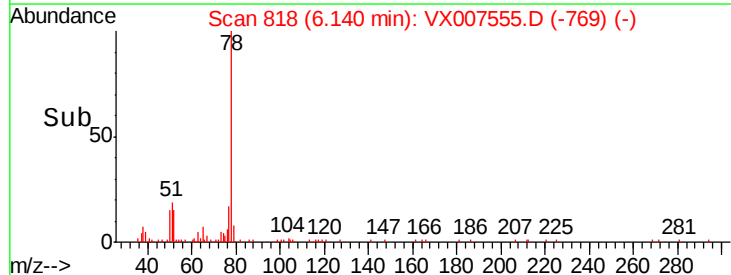
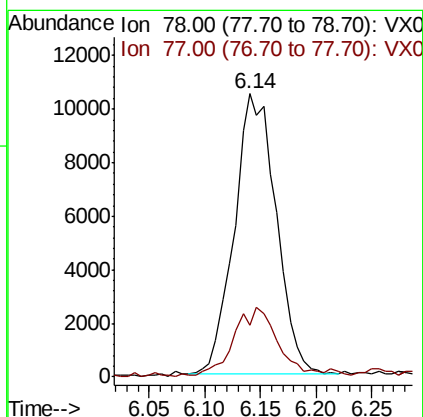
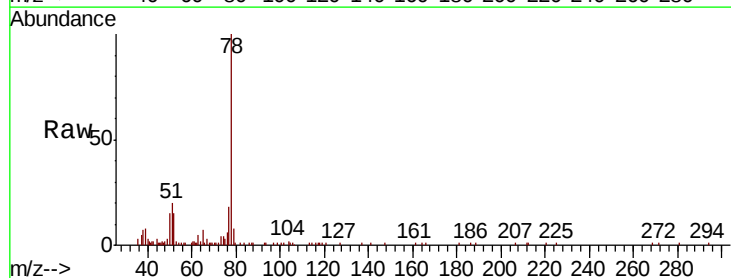
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW003-190212

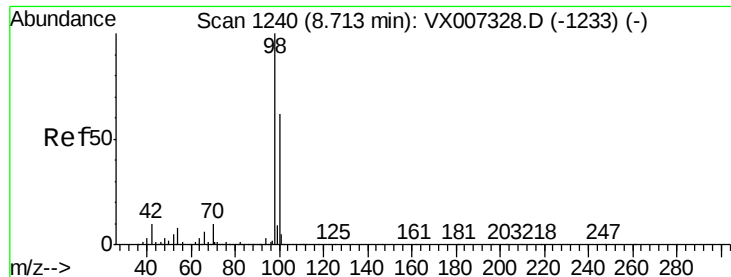
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.8
192	22.6	18.5	27.7



#40
 Benzene
 Concen: 1.237 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: VX007555.D
 Acq: 14 Feb 2019 19:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	18.0	19.3	28.9#





#50

Toluene-d8

Concen: 49.083 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007555.D

Acq: 14 Feb 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

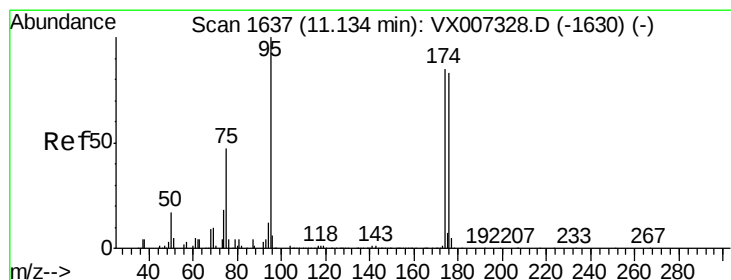
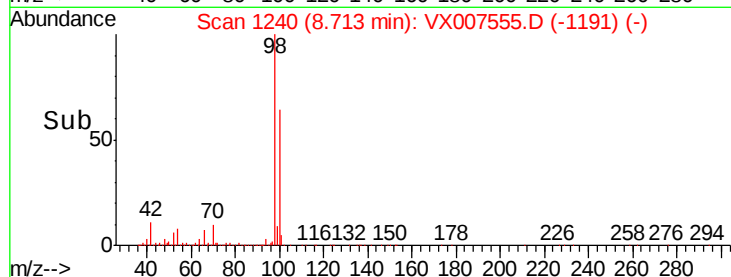
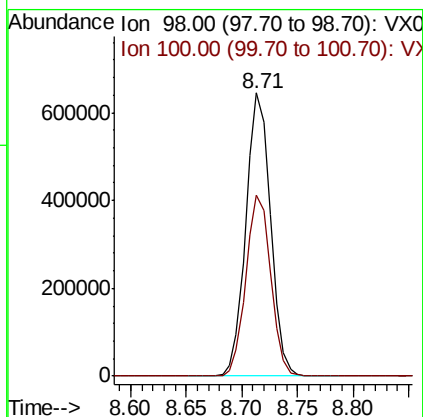
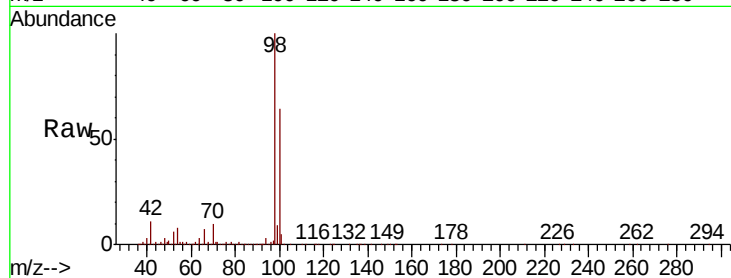
KY001MW003-190212

Tot Ion: 98 Resp: 995415

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.561 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007555.D

Acq: 14 Feb 2019 19:28

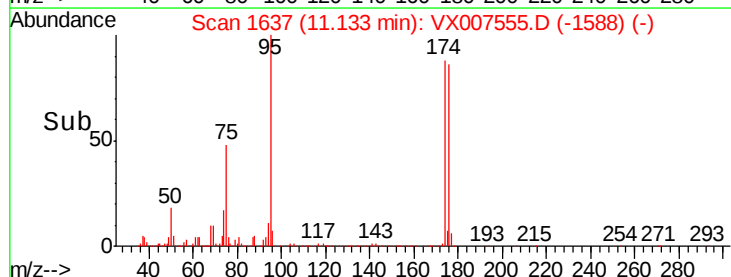
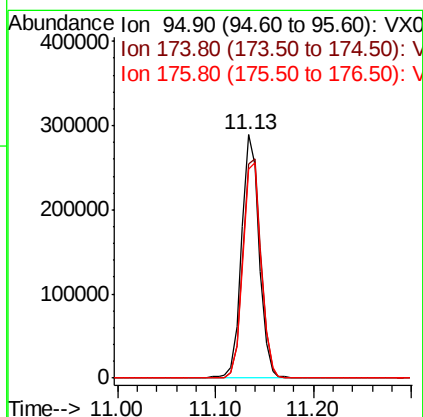
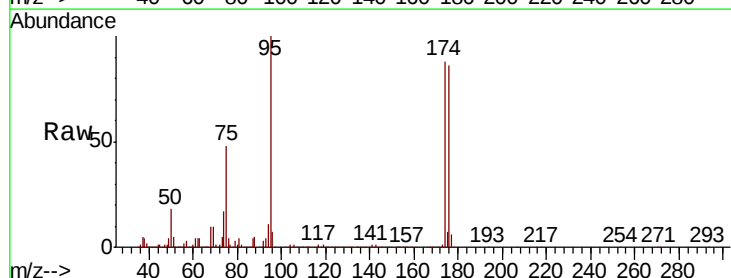
Tgt Ion: 95 Resp: 359562

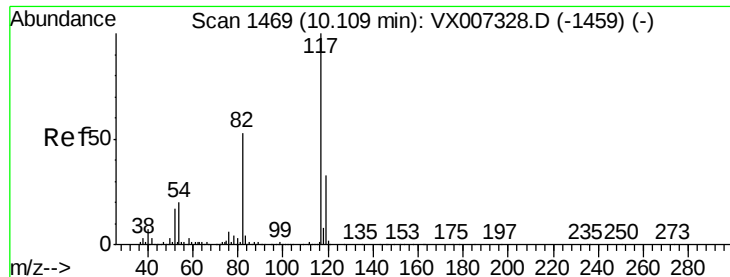
Ion Ratio Lower Upper

95 100

174 94.5 0.0 189.2

176 91.8 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: VX007555.D

Acq: 14 Feb 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW003-190212

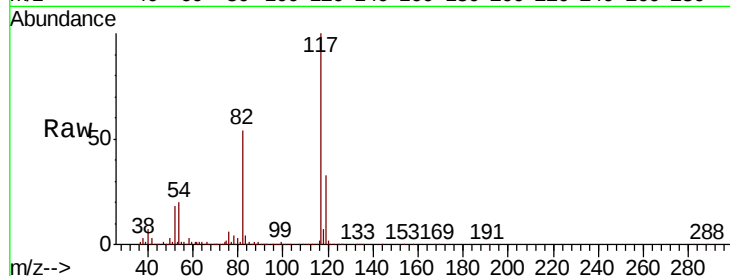
Tot Ion:117 Resp: 786319

Ion Ratio Lower Upper

117 100

82 53.6 42.1 63.1

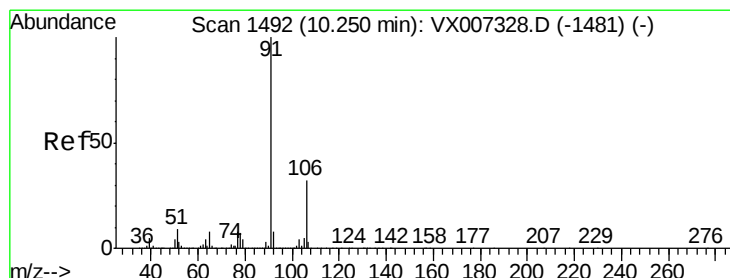
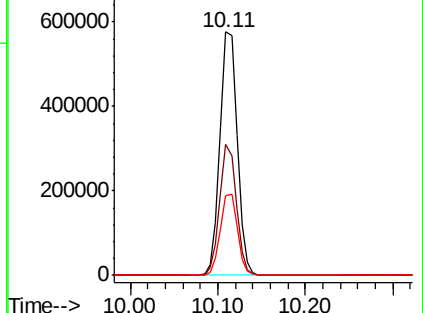
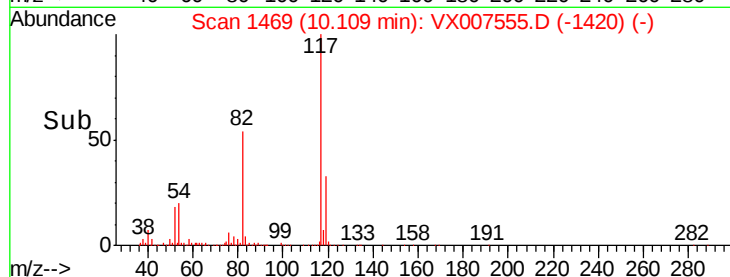
119 32.8 26.5 39.7



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: 1.480 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007555.D

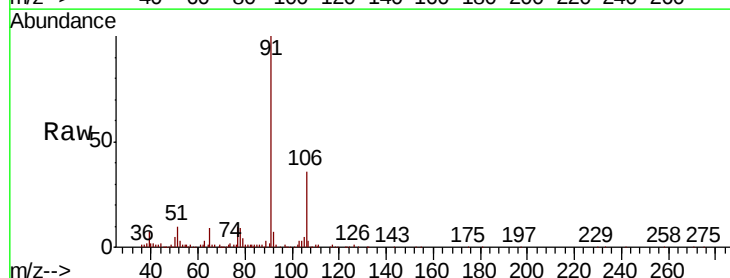
Acq: 14 Feb 2019 19:28

Tgt Ion: 91 Resp: 40902

Ion Ratio Lower Upper

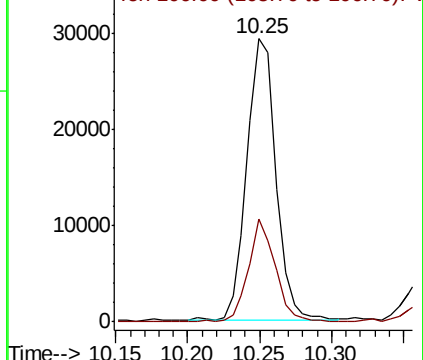
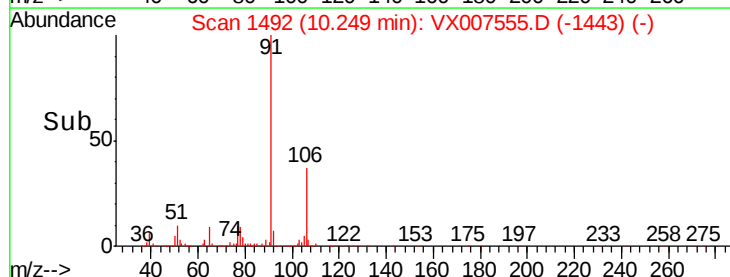
91 100

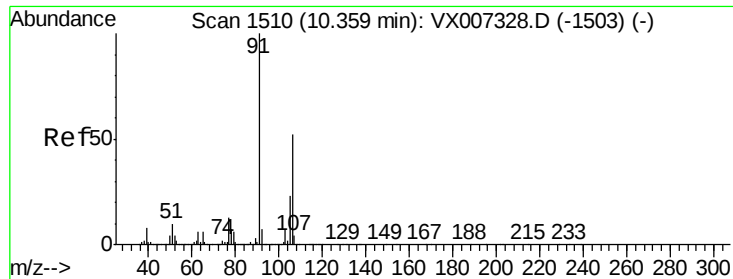
106 36.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

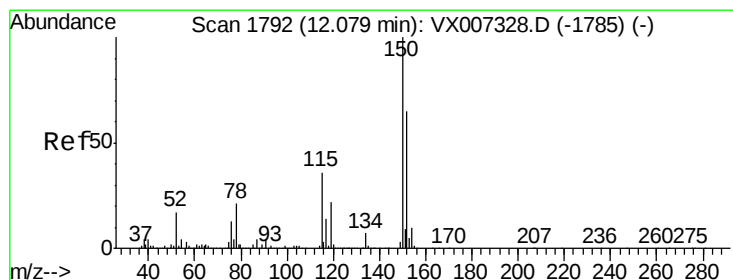
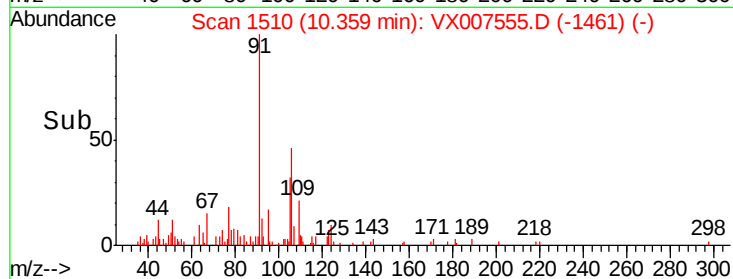
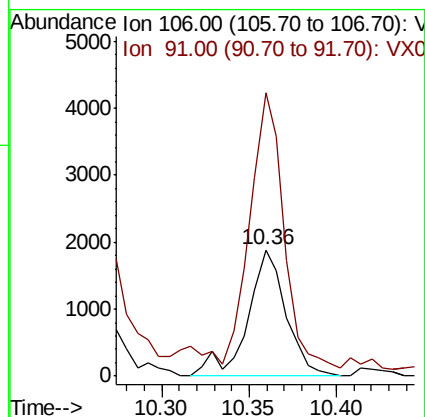
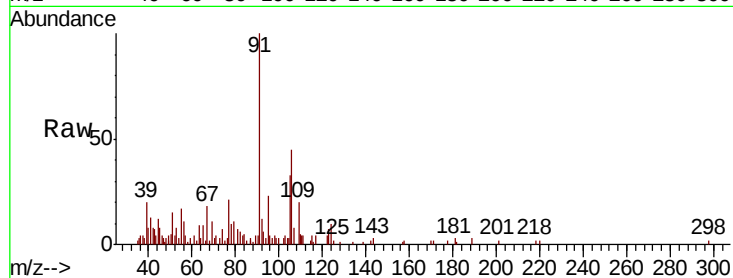




#68
m/p-Xvlenes
Concen: 0.262 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007555.D
Acq: 14 Feb 2019 19:28

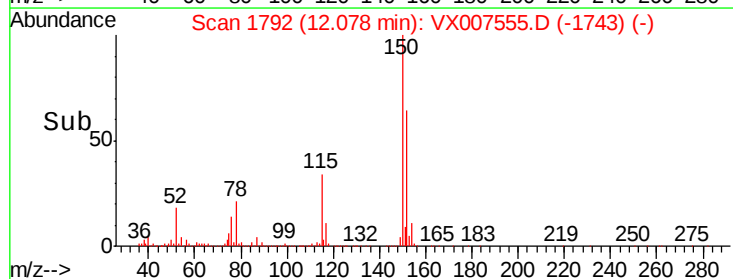
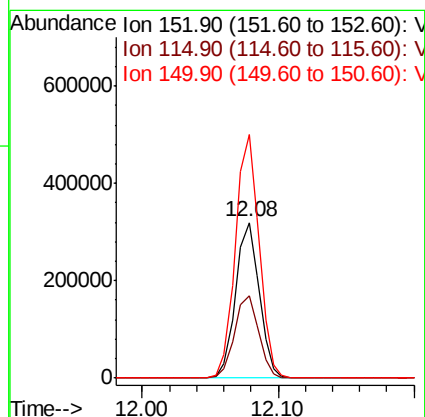
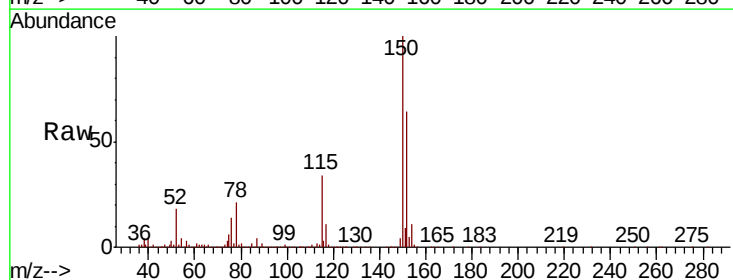
Instrument :
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KY001MW003-190212

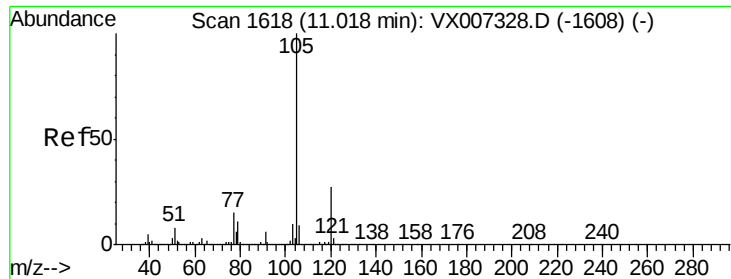
Tot Ion:106 Resp: 2875
Ion Ratio Lower Upper
106 100
91 190.2 156.6 234.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007555.D
Acq: 14 Feb 2019 19:28

Tgt Ion:152 Resp: 386935
Ion Ratio Lower Upper
152 100
115 54.4 38.0 114.0
150 156.9 0.0 346.4





#73

Isopropylbenzene

Concen: 0.291 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007555.D

Acq: 14 Feb 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

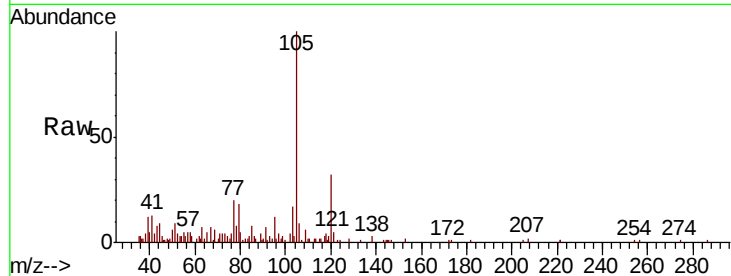
KY001MW003-190212

Tot Ion:105 Resp: 7651

Ion Ratio Lower Upper

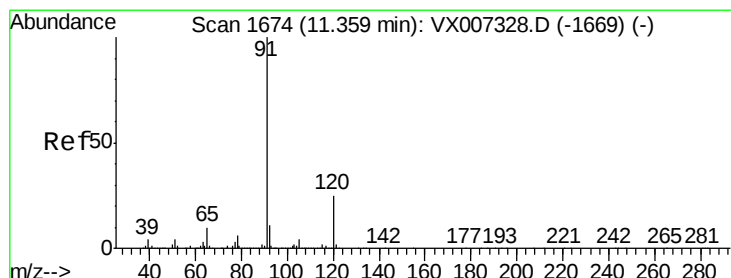
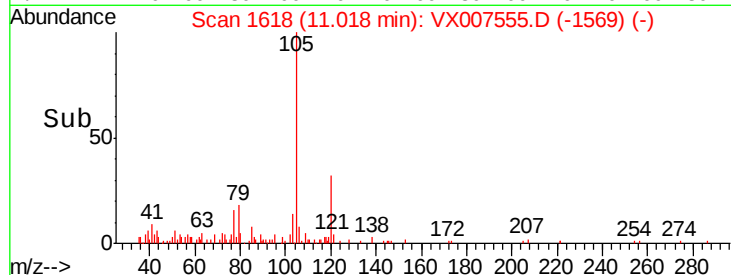
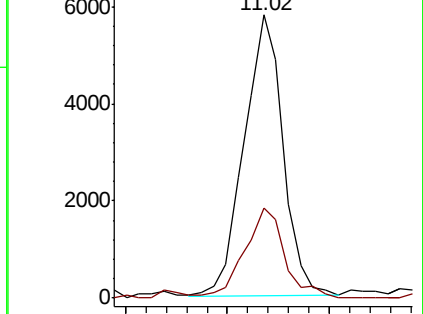
105 100

120 32.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.363 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007555.D

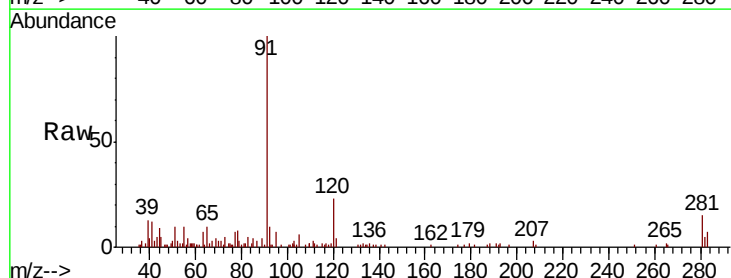
Acq: 14 Feb 2019 19:28

Tgt Ion: 91 Resp: 10480

Ion Ratio Lower Upper

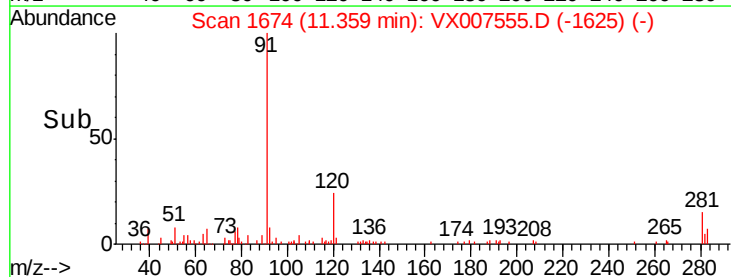
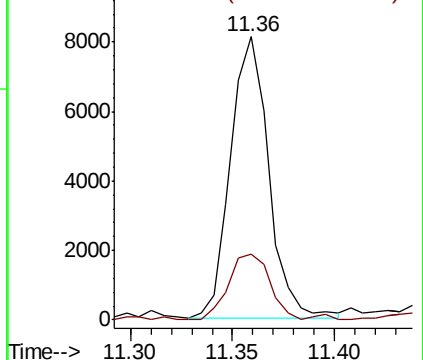
91 100

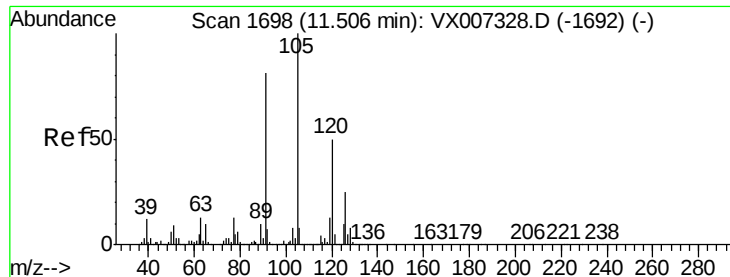
120 25.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.317 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007555.D

Acq: 14 Feb 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

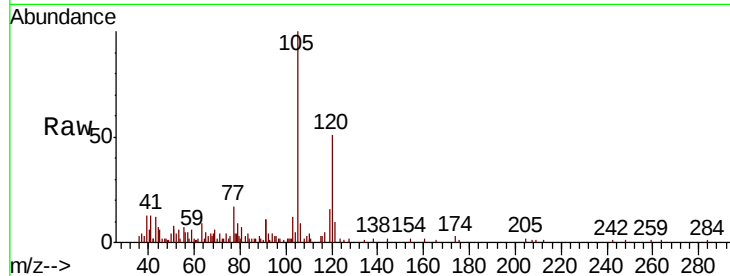
KY001MW003-190212

Tot Ion:105 Resp: 6812

Ion Ratio Lower Upper

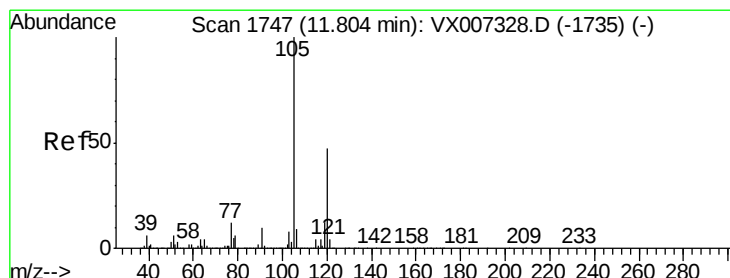
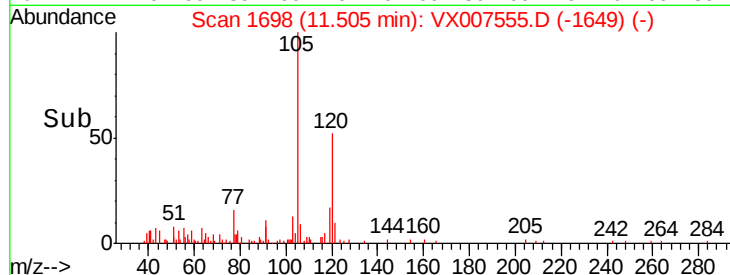
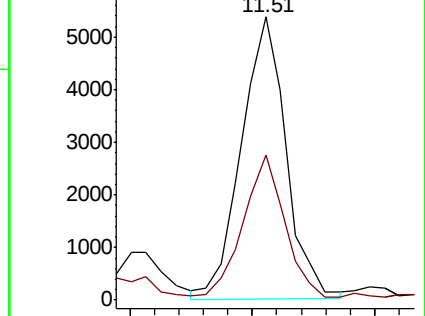
105 100

120 49.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.212 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007555.D

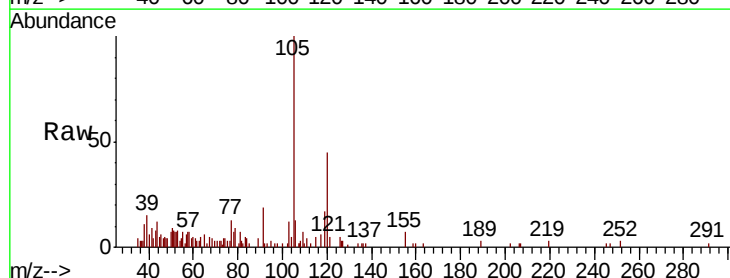
Acq: 14 Feb 2019 19:28

Tgt Ion:105 Resp: 4620

Ion Ratio Lower Upper

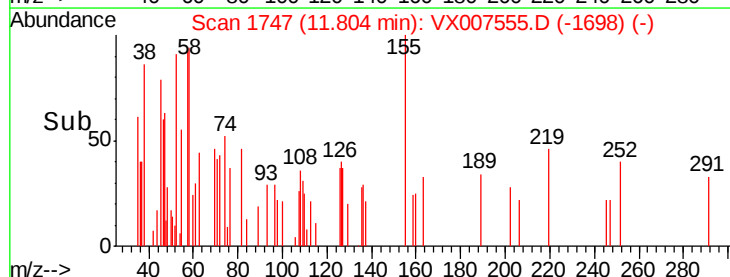
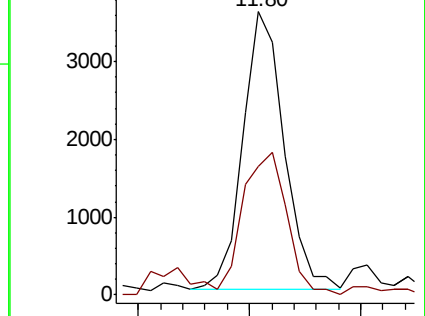
105 100

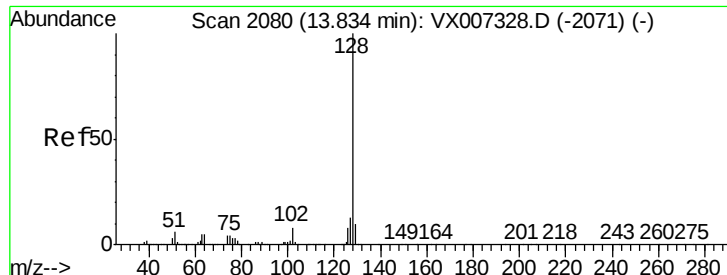
120 54.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.486 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007555.D

Acq: 14 Feb 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW003-190212

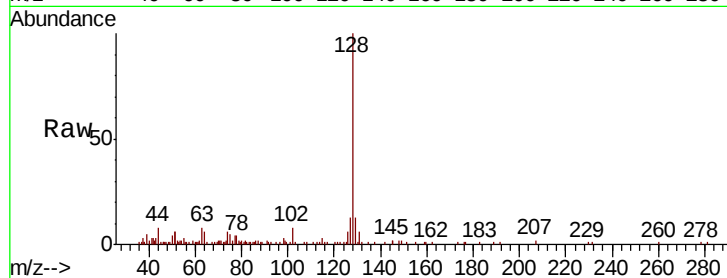
Tot Ion:128 Resp: 12677

Ion Ratio Lower Upper

128 100

127 16.4 10.5 15.7#

129 16.9 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

