

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060618\
 Data File : VX002356.D
 Acq On : 06 Jun 2018 16:49
 Operator : JC/MD
 Sample : J3311-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

Quant Time: Jun 07 05:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	160753	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	158370	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	5.51	113	118210	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
50) Toluene-d8	8.72	98	479174	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	162895	42.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.08%	

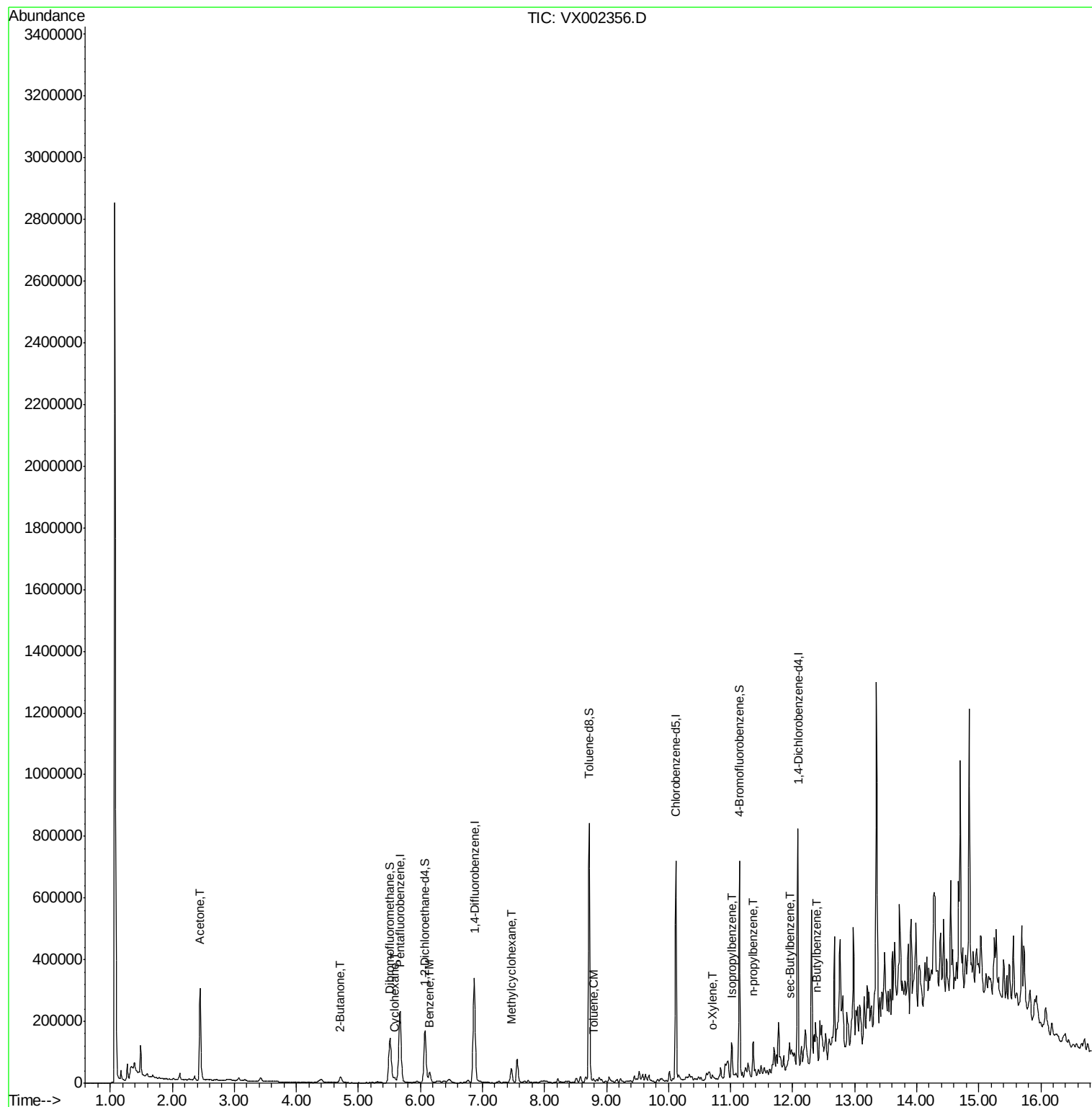
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	321220	225.90	ug/l	100
25) 2-Butanone	4.71	43	34367	15.28	ug/l	96
31) Cyclohexane	5.58	56	11038	2.67	ug/l	91
39) Methylcyclohexane	7.46	83	18760	4.57	ug/l	95
40) Benzene	6.15	78	36611	3.41	ug/l	96
52) Toluene	8.79	92	1516	0.22	ug/l	95
69) o-Xylene	10.70	106	1095	0.23	ug/l	98
73) Isopropylbenzene	11.02	105	35499	3.17	ug/l	99
78) n-propylbenzene	11.37	91	56800	4.57	ug/l	100
85) sec-Butylbenzene	11.95	105	22059	2.01	ug/l	81
89) n-Butylbenzene	12.39	91	20169	2.41	ug/l #	73

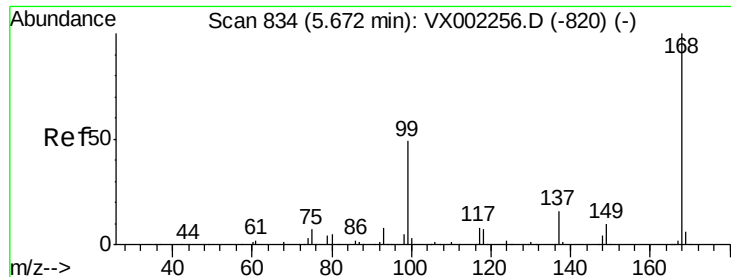
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

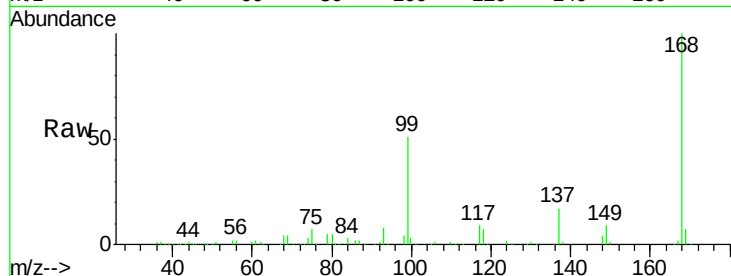
MW-05

Tot Ion:168 Resp: 229330

Ion Ratio Lower Upper

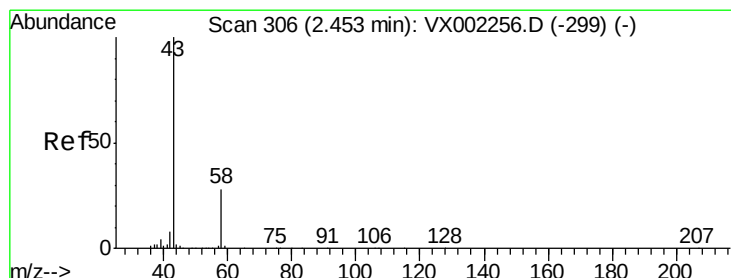
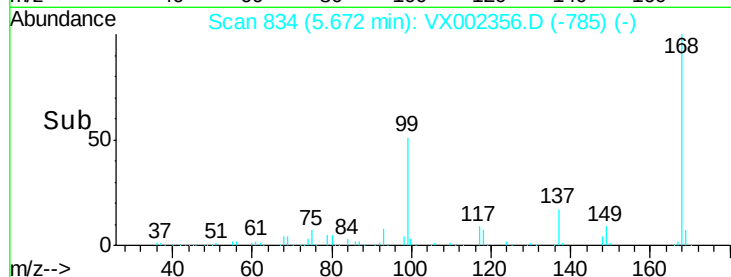
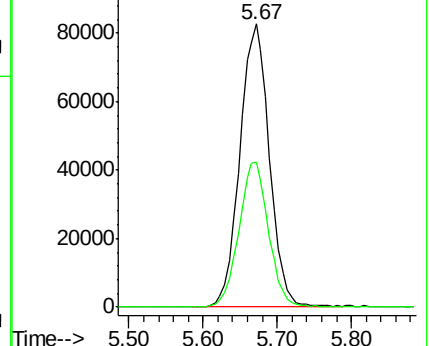
168 100

99 51.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 225.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002356.D

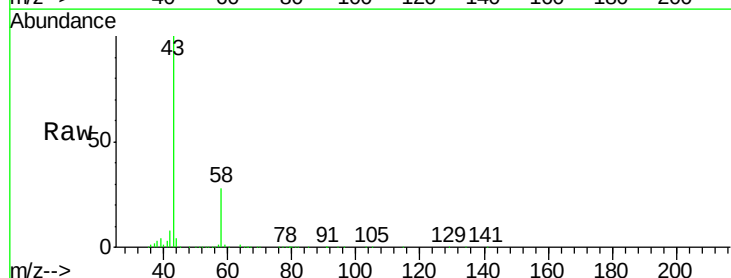
Acq: 06 Jun 2018 16:49

Tgt Ion: 43 Resp: 321220

Ion Ratio Lower Upper

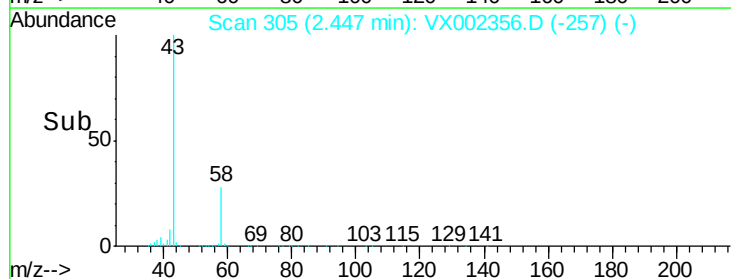
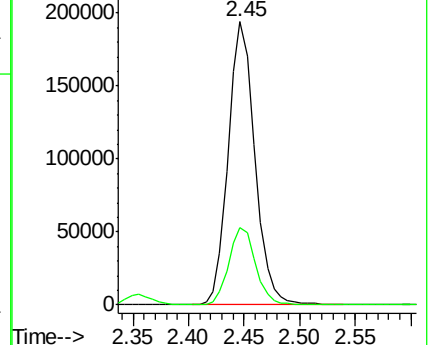
43 100

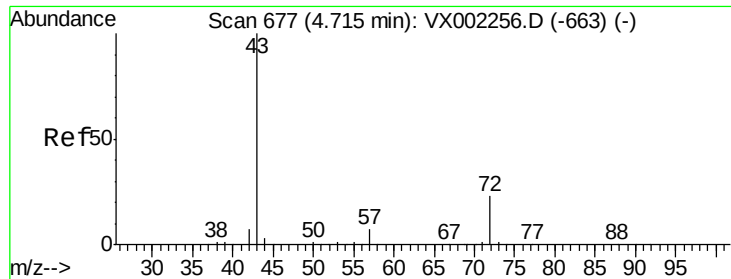
58 27.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 15.28 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampled :

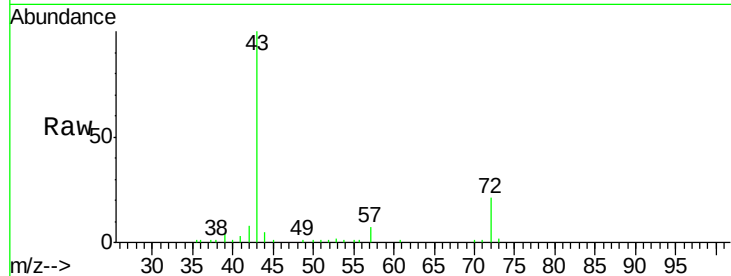
MW-05

Tot Ion: 43 Resp: 34367

Ion Ratio Lower Upper

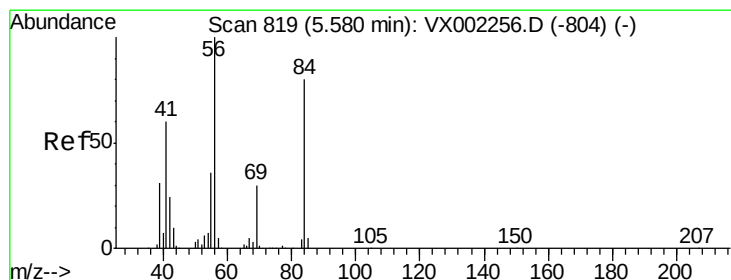
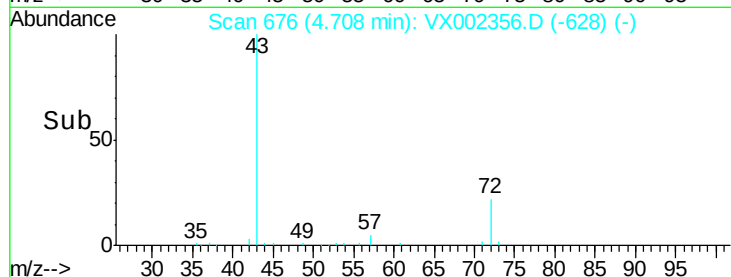
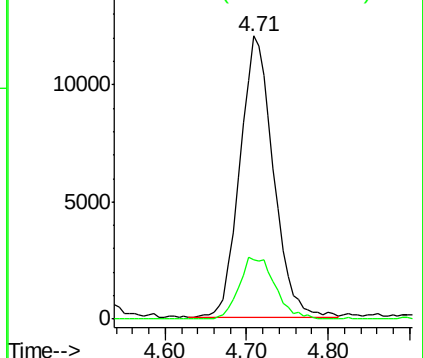
43 100

72 21.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 2.67 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

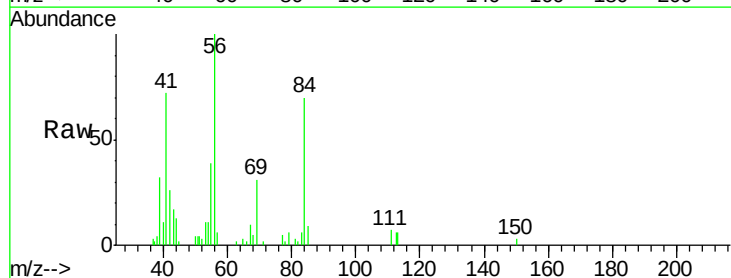
Tgt Ion: 56 Resp: 11038

Ion Ratio Lower Upper

56 100

69 30.5 23.7 35.5

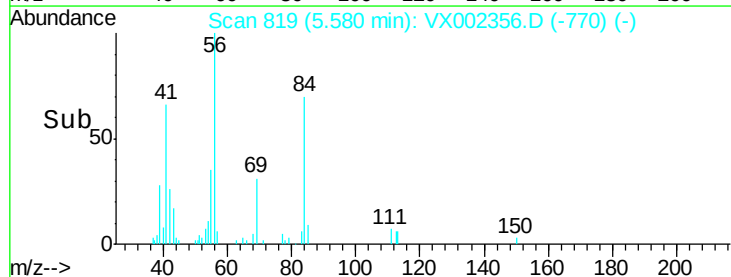
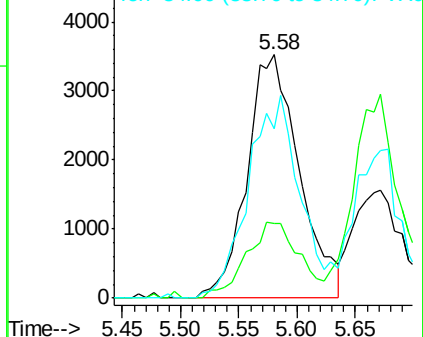
84 69.5 64.1 96.1

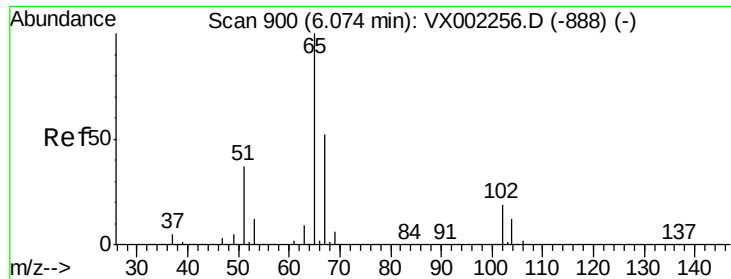


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

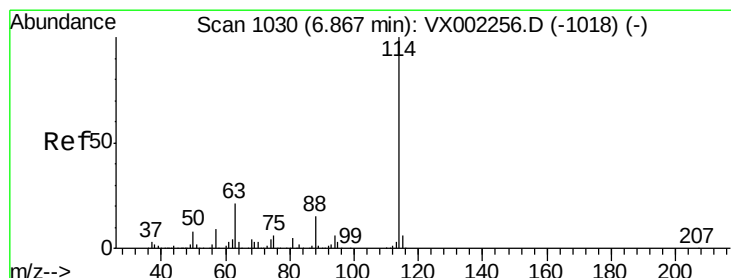
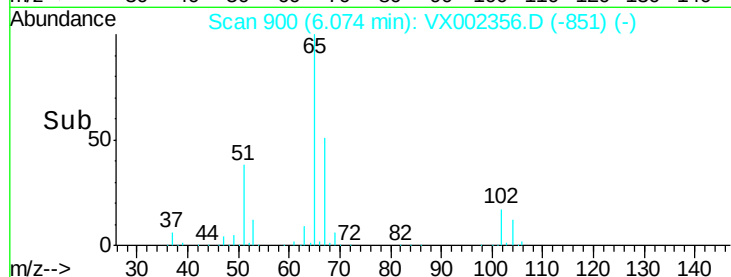
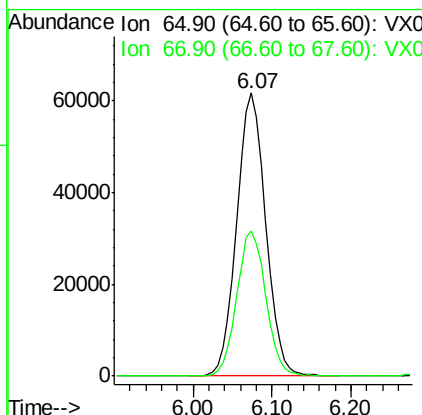
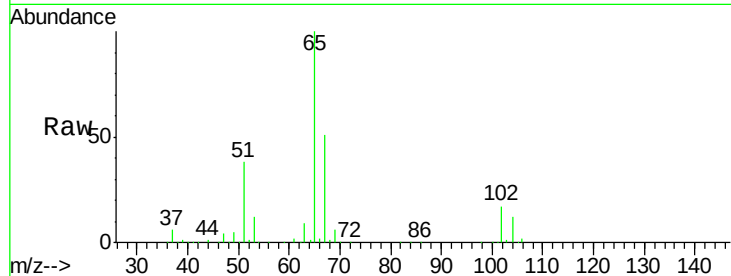




#33
 1,2-Dichloroethane-d4
 Concen: 48.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

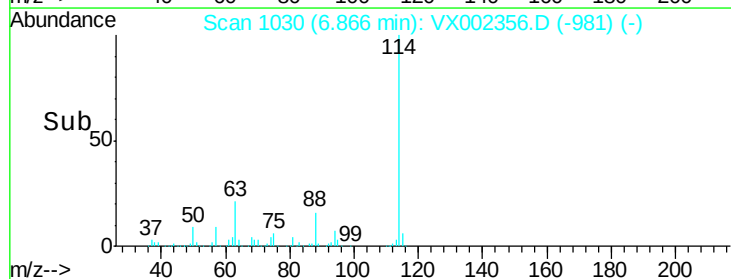
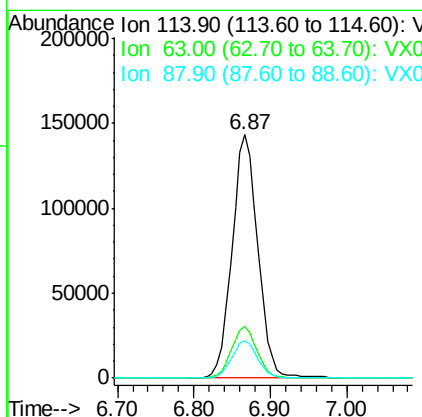
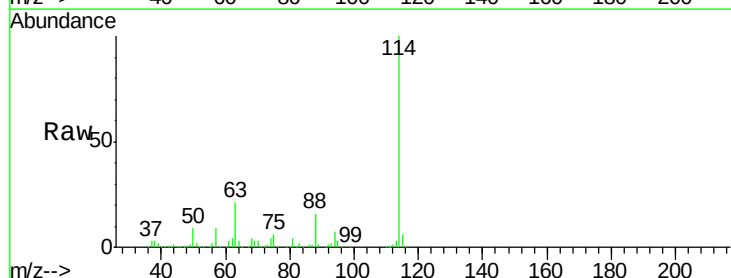
Instrument :
 MSVOA_X
 ClientSampled :
 MW-05

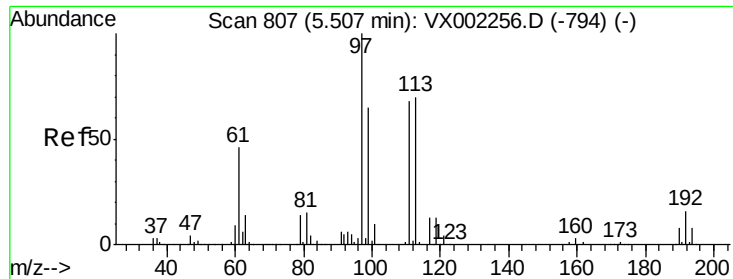
Tot Ion: 65 Resp: 158370
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

Tgt Ion: 114 Resp: 333345
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.6 0.0 30.0

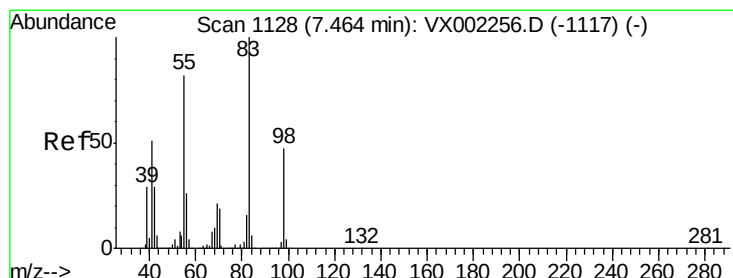
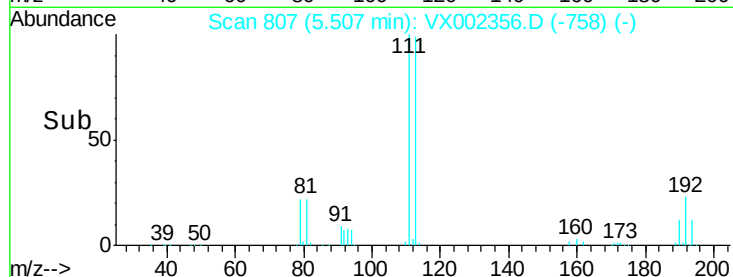
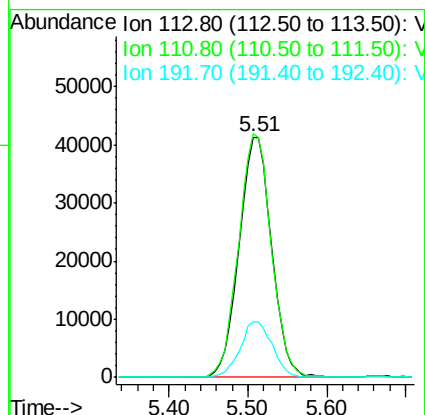
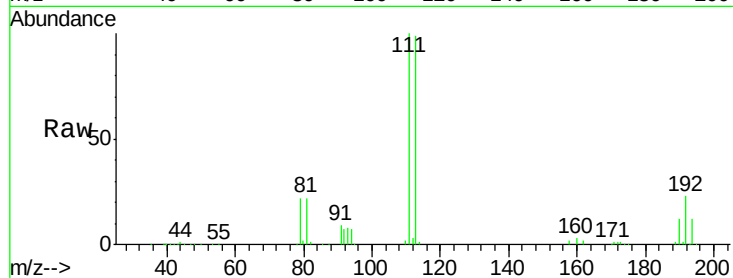




#35
Dibromofluoromethane
Concen: 45.09 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

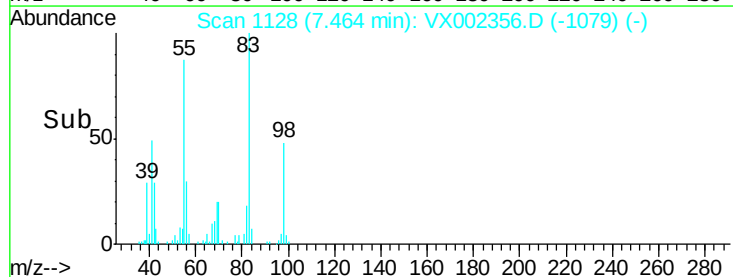
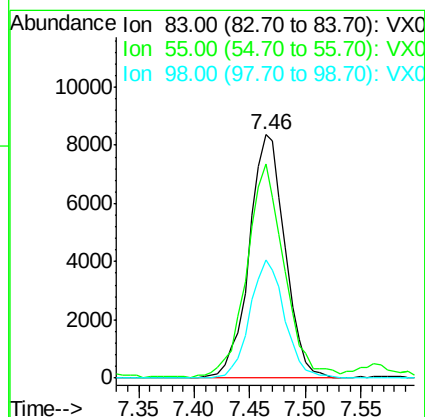
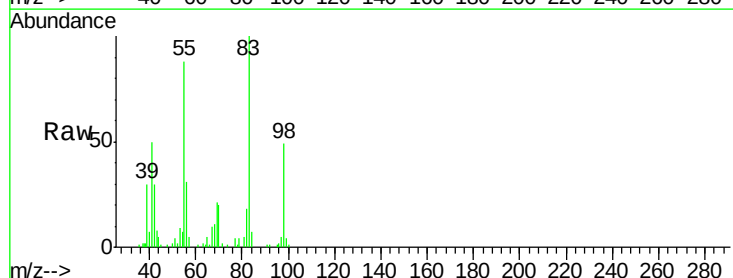
Instrument :
MSVOA_X
ClientSampled :
MW-05

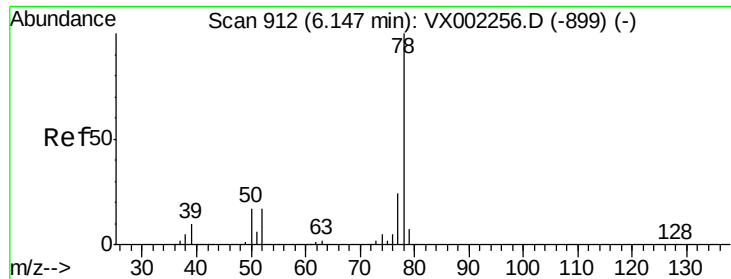
Tot Ion:113 Resp: 118210
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.1 19.1 28.7



#39
Methylcyclohexane
Concen: 4.57 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion: 83 Resp: 18760
Ion Ratio Lower Upper
83 100
55 87.7 65.4 98.0
98 48.6 37.4 56.0





#40

Benzene

Concen: 3.41 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

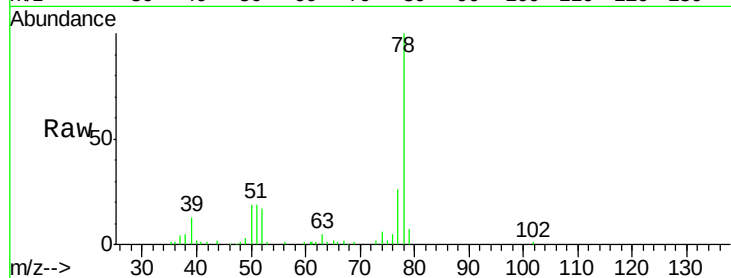
MW-05

Tot Ion: 78 Resp: 36611

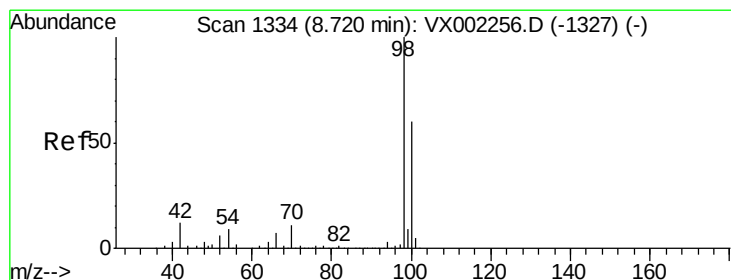
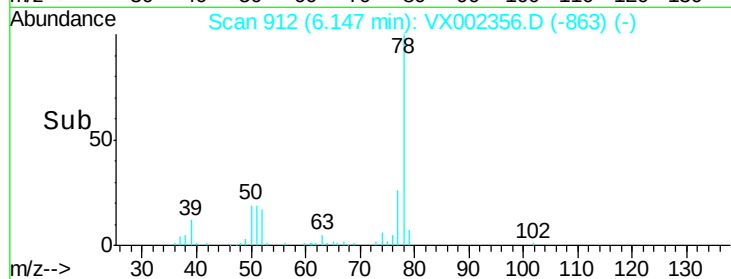
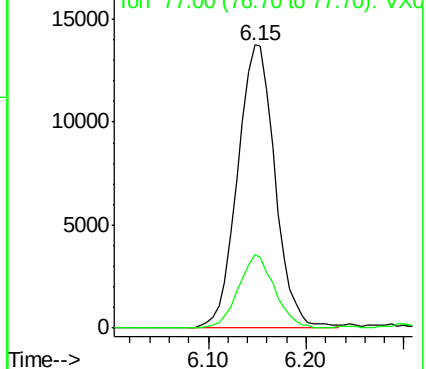
Ion Ratio Lower Upper

78 100

77 25.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0



#50

Toluene-d8

Concen: 47.69 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002356.D

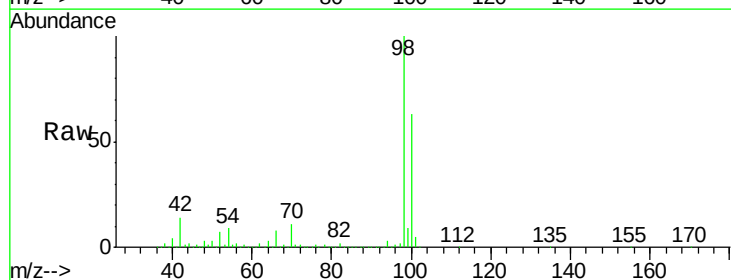
Acq: 06 Jun 2018 16:49

Tgt Ion: 98 Resp: 479174

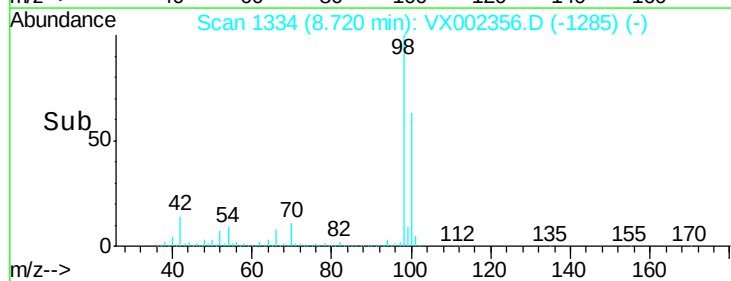
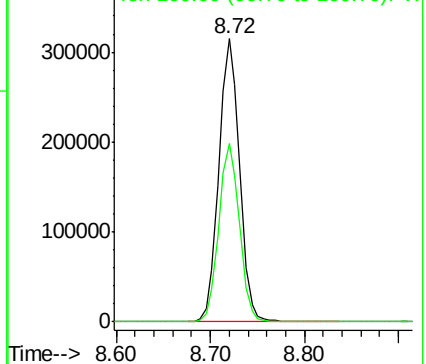
Ion Ratio Lower Upper

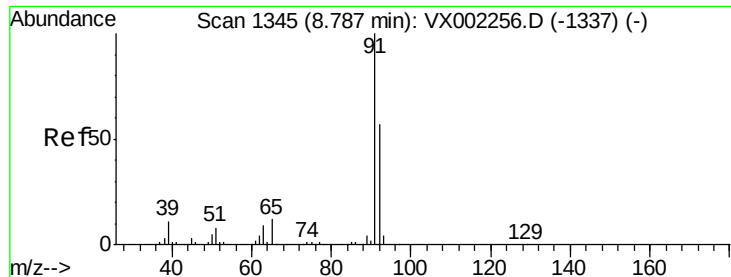
98 100

100 62.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0





#52

Toluene

Concen: 0.22 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

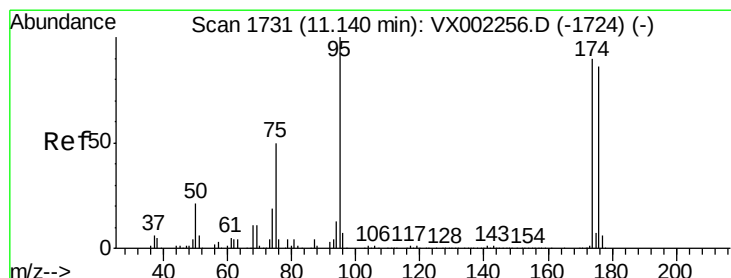
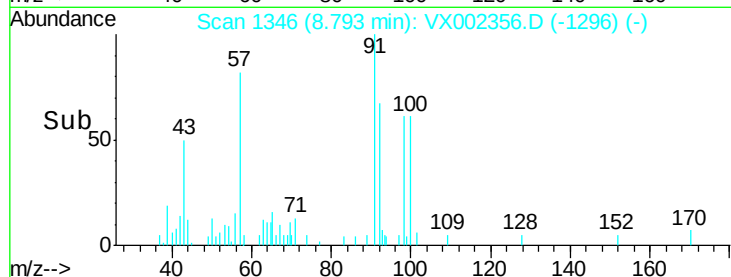
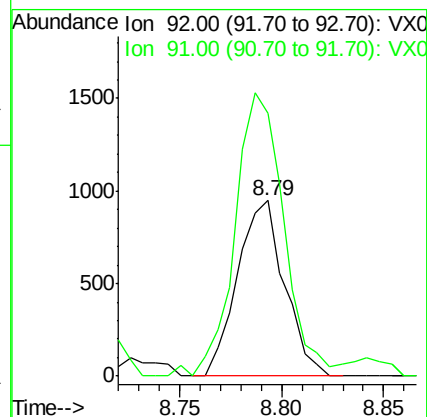
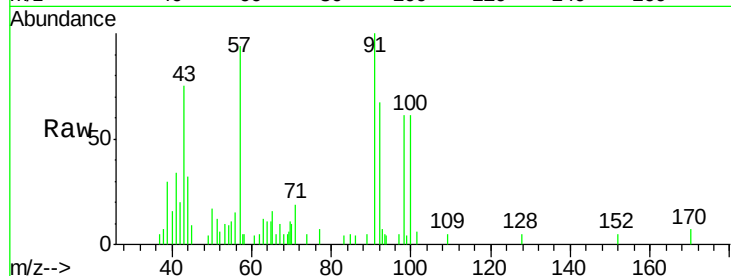
MW-05

Tot Ion: 92 Resp: 1516

Ion Ratio Lower Upper

92 100

91 168.8 140.4 210.6



#62

4-Bromofluorobenzene

Concen: 42.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

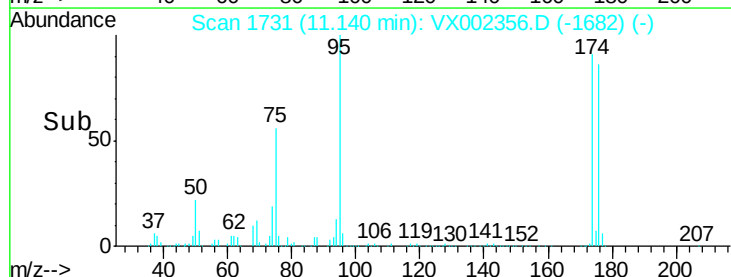
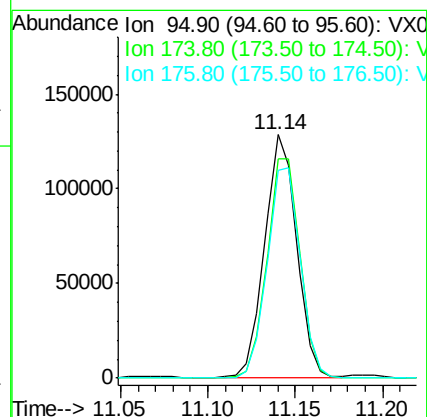
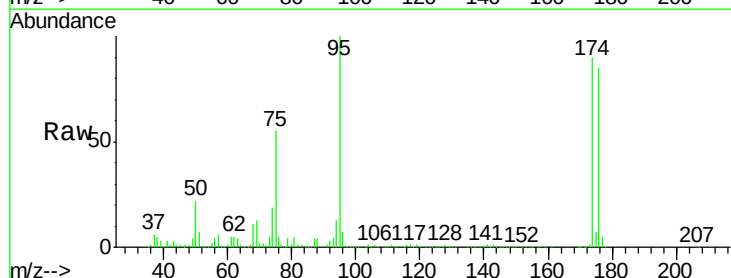
Tgt Ion: 95 Resp: 162895

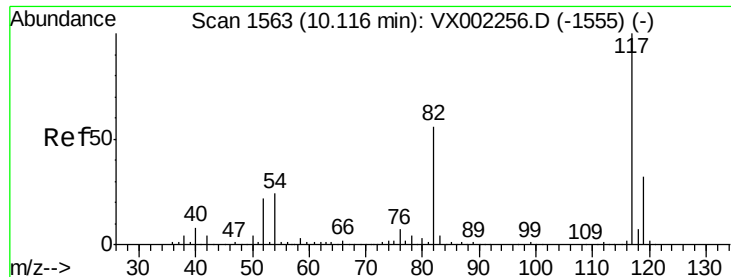
Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.4

176 90.4 0.0 181.0

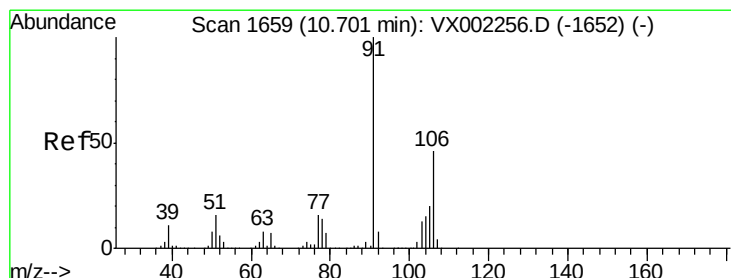
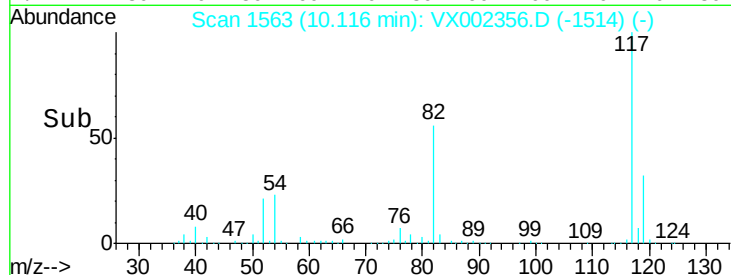
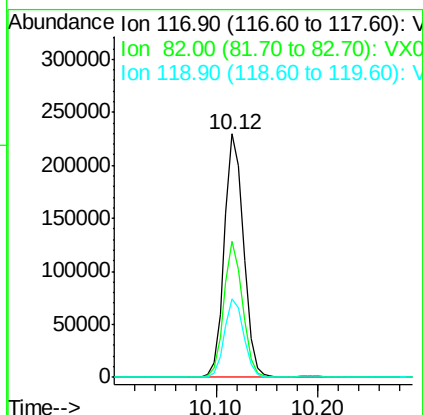
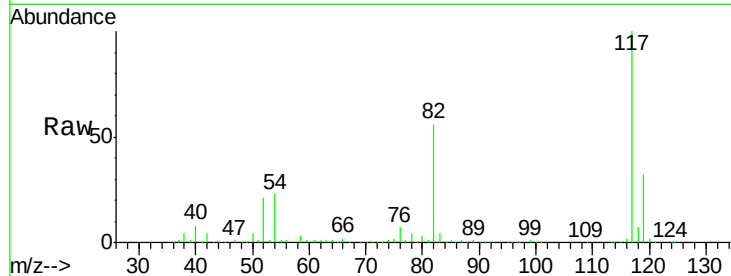




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

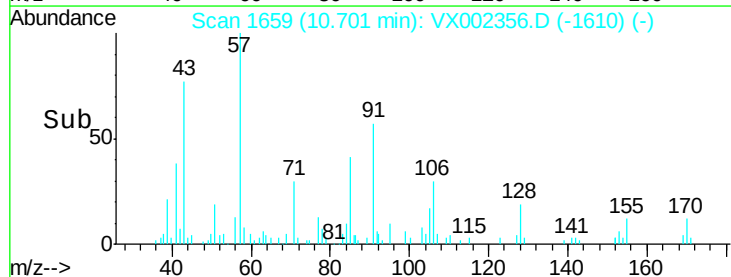
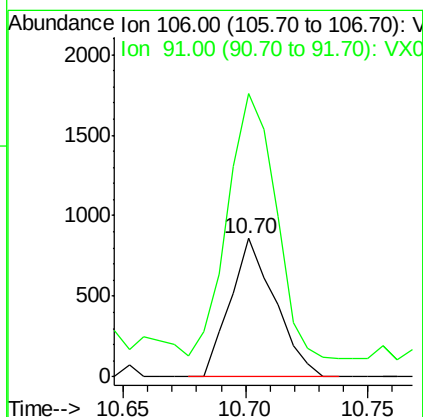
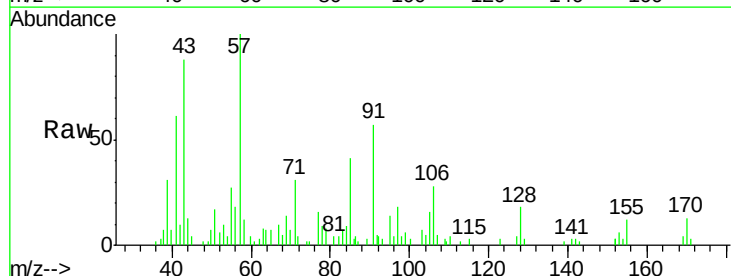
Instrument :
MSVOA_X
ClientSampleId :
MW-05

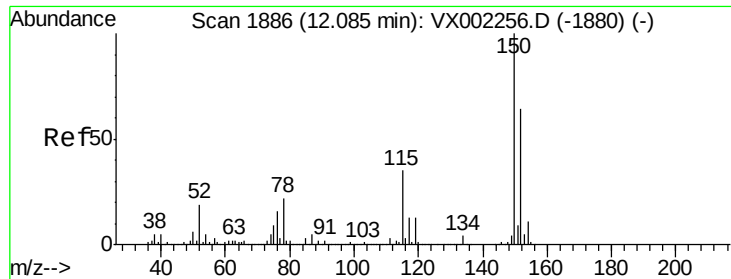
Tot Ion:117 Resp: 301879
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.2 25.8 38.6



#69
o-Xylene
Concen: 0.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion:106 Resp: 1095
Ion Ratio Lower Upper
106 100
91 219.3 108.2 324.6



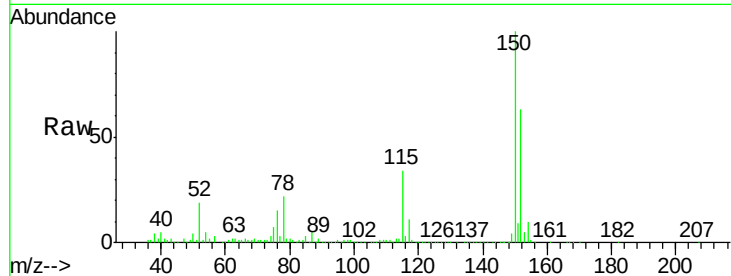


#72

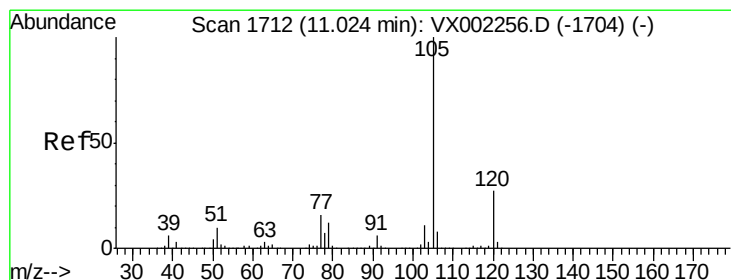
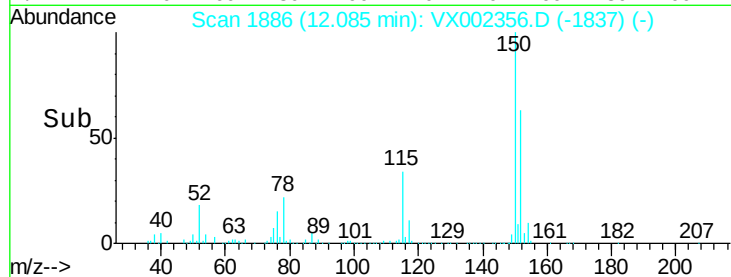
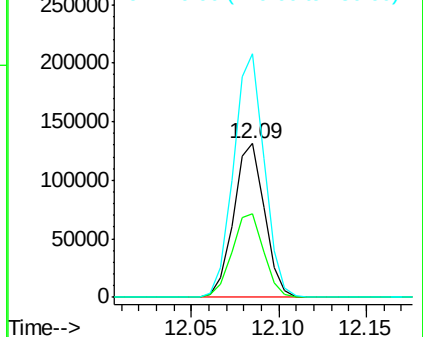
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Instrument :
MSVOA_X
ClientSampled :
MW-05

Tot Ion:152 Resp: 160753
Ion Ratio Lower Upper
152 100
115 55.5 40.1 120.2
150 158.1 0.0 347.2



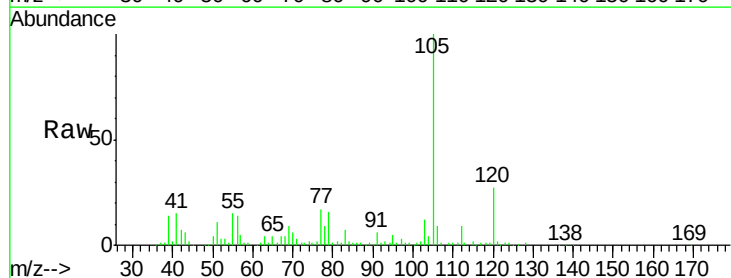
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



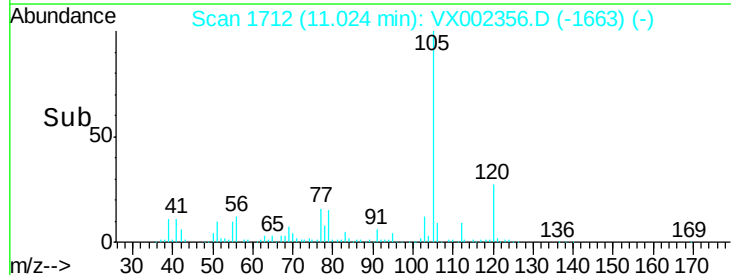
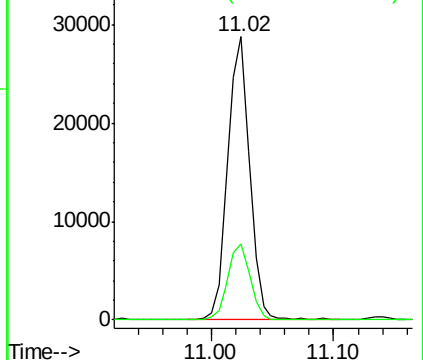
#73

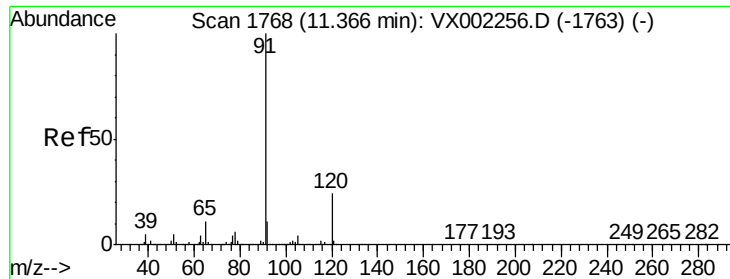
Isopropylbenzene
Concen: 3.17 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion:105 Resp: 35499
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.57 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

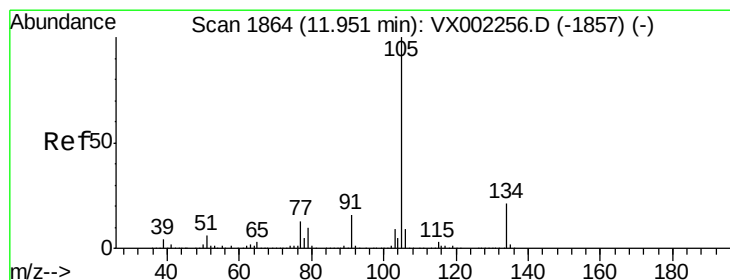
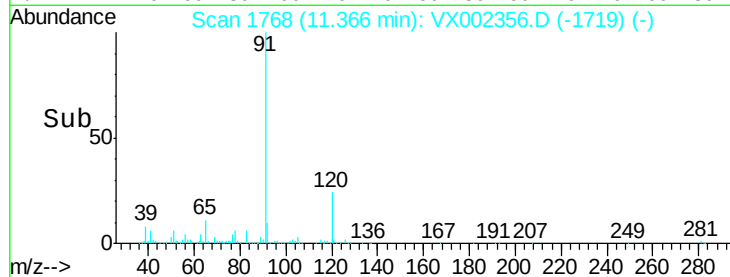
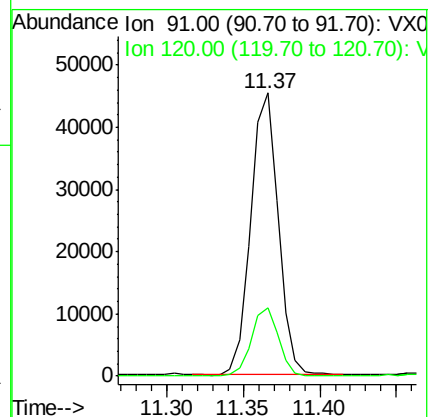
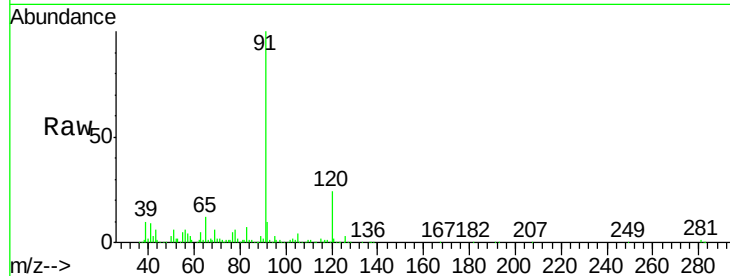
MW-05

Tot Ion: 91 Resp: 56800

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4



#85

sec-Butylbenzene

Concen: 2.01 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002356.D

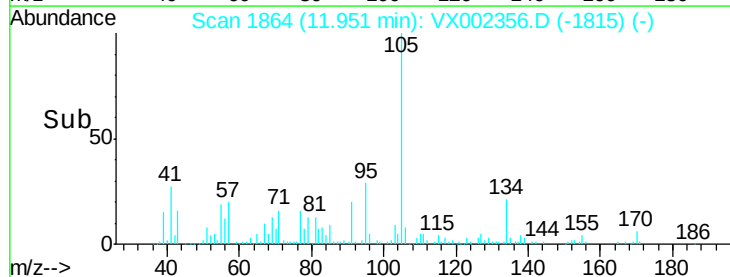
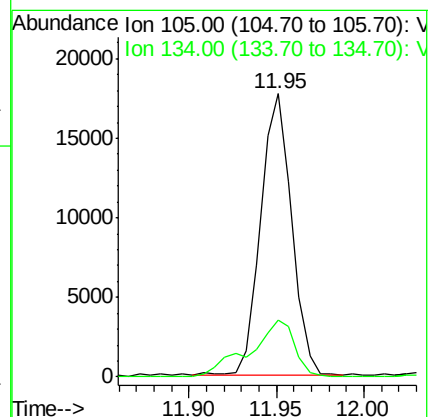
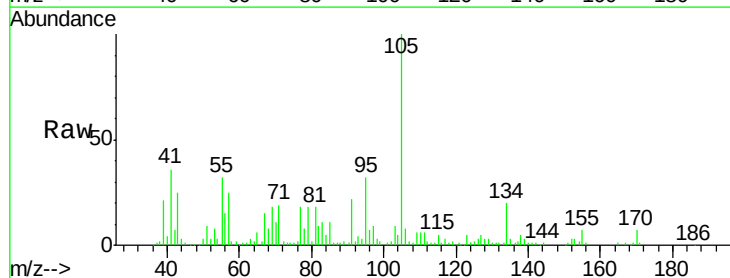
Acq: 06 Jun 2018 16:49

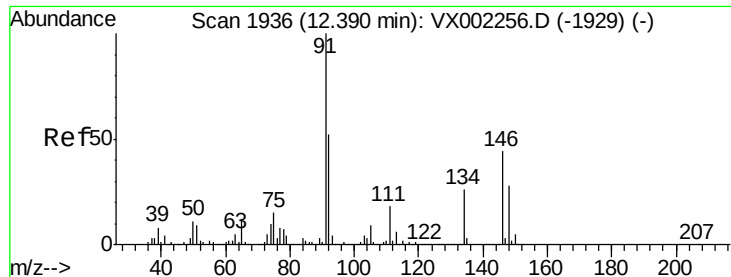
Tgt Ion: 105 Resp: 22059

Ion Ratio Lower Upper

105 100

134 29.4 10.4 31.1





#89

n-Butylbenzene

Concen: 2.41 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

MW-05

Tot Ion: 91 Resp: 20169

Ion Ratio Lower Upper

91 100

92 41.5 26.0 78.0

134 53.0 13.5 40.5#

