

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
 Data File : VX002336.D
 Acq On : 06 Jun 2018 05:44
 Operator : JC/MD
 Sample : J3309-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R

Quant Time: Jun 06 07:38:57 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	212858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155467	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	5.51	113	111737	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
50) Toluene-d8	8.72	98	456727	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.14	95	160960	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	504	Below Cal	#	85
5) Bromomethane	1.67	94	591	Below Cal		98
6) Chloroethane	1.71	64	457	0.25	ug/l #	61
8) Diethyl Ether	2.34	74	43	Below Cal		78
11) Tert butyl alcohol	3.07	59	2967	Below Cal	#	87
13) Acrolein	2.26	56	288	Below Cal	#	1
15) Acrylonitrile	3.17	53	675	Below Cal	#	84
16) Acetone	2.45	43	6829	Below Cal		99
18) Methyl Acetate	2.77	43	1576	Below Cal	#	58
19) Methyl tert-butyl Ether	3.20	73	583	Below Cal	#	1
20) Methylene Chloride	2.87	84	308	Below Cal	#	69
22) Diisopropyl ether	3.89	45	45	Below Cal	#	35
25) 2-Butanone	4.72	43	3217	1.54	ug/l #	90
28) Bromochloromethane	5.21	49	53	Below Cal	#	13
31) Cyclohexane	5.58	56	24391	6.35	ug/l	97
36) 1,1-Dichloropropene	5.67	75	15265	4.54	ug/l #	52
38) Carbon Tetrachloride	5.67	117	20616	5.86	ug/l #	16
39) Methylcyclohexane	7.47	83	19624	4.96	ug/l	95
40) Benzene	6.15	78	318342	30.86	ug/l	99
43) Isopropyl Acetate	6.45	43	3775	0.55	ug/l #	37
48) Methyl methacrylate	7.74	41	1198	0.35	ug/l #	56
51) 4-Methyl-2-Pentanone	8.66	43	2246	0.52	ug/l #	77
52) Toluene	8.79	92	3527	0.54	ug/l	94
55) 1,1,2-Trichloroethane	9.16	97	8218	3.05	ug/l #	18
56) Ethyl methacrylate	9.17	69	2122	0.49	ug/l #	1
69) o-Xylene	10.70	106	4175	0.88	ug/l	92
73) Isopropylbenzene	11.02	105	79609	7.04	ug/l	100
74) N-amyl acetate	6.45	43	3775	0.62	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.28	83	1245	0.35	ug/l #	77
76) 1,2,3-Trichloropropane	11.14	75	86726	24.30	ug/l #	33
78) n-propylbenzene	11.37	91	54027	4.30	ug/l	99
79) 2-Chlorotoluene	11.37	91	54027	6.80	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	86726	85.19	ug/l #	7
82) 4-Chlorotoluene	11.37	91	54027	5.89	ug/l #	44

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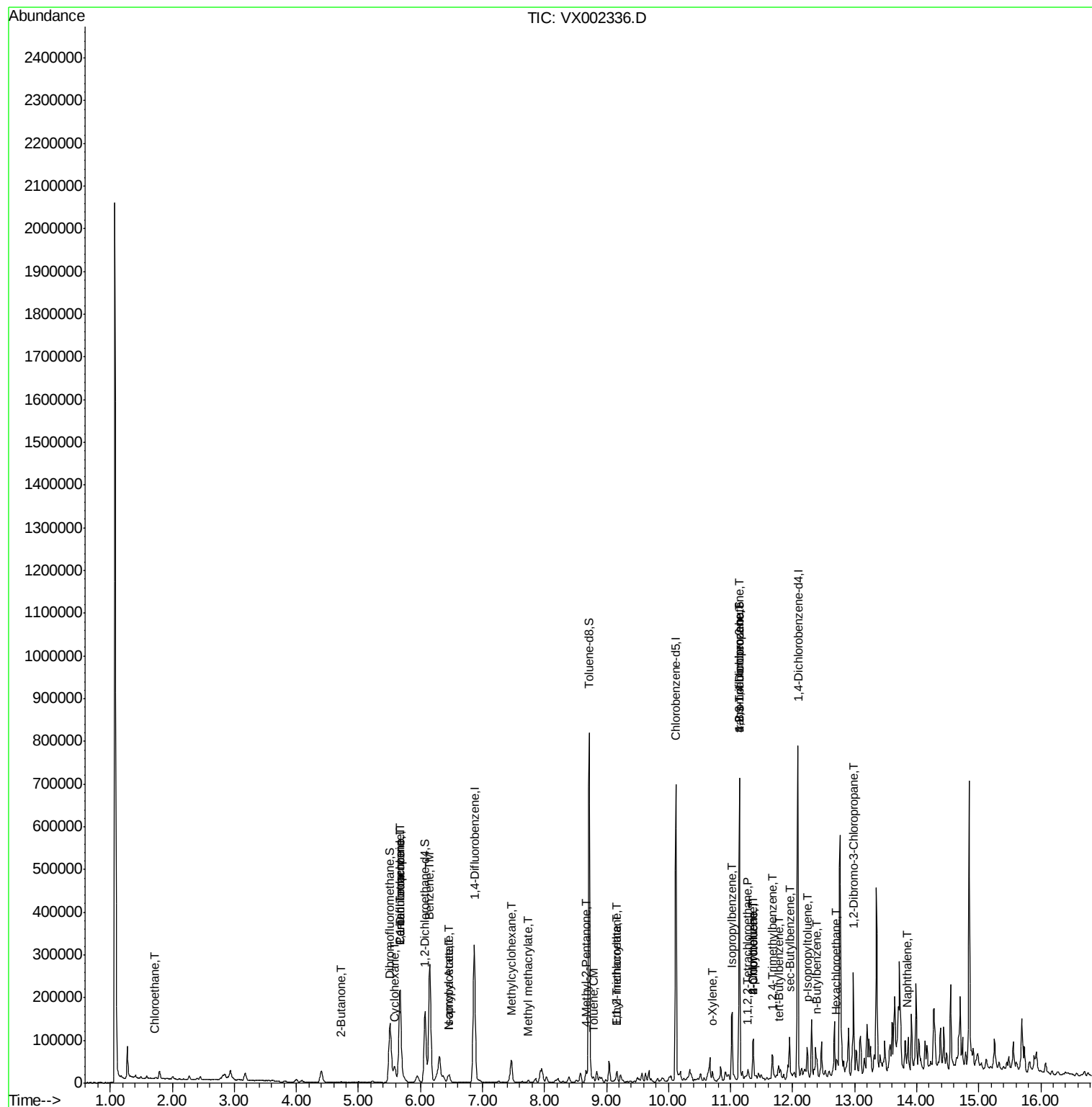
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	9888	1.05	ug/l	97
84) 1,2,4-Trimethylbenzene	11.67	105	22670	2.27	ug/l	79
85) sec-Butylbenzene	11.95	105	43660	3.94	ug/l	84
86) p-Isopropyltoluene	12.24	119	30027	2.98	ug/l	96
89) n-Butylbenzene	12.39	91	15212	1.80	ug/l #	73
90) Hexachloroethane	12.71	117	9313	5.78	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	965	1.24	ug/l #	10
95) Naphthalene	13.84	128	5227	0.44	ug/l #	56

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

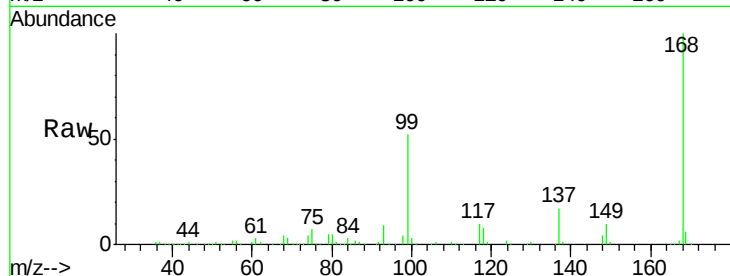
MW-5R

Tgt Ion:168 Resp: 212858

Ion Ratio Lower Upper

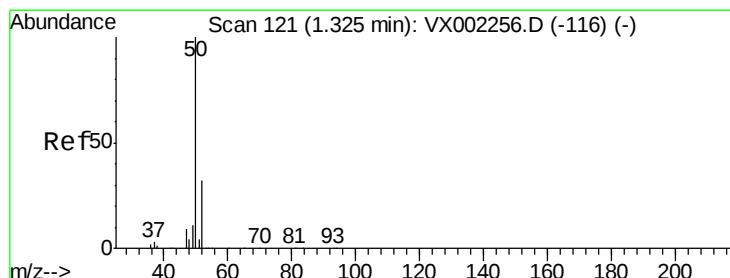
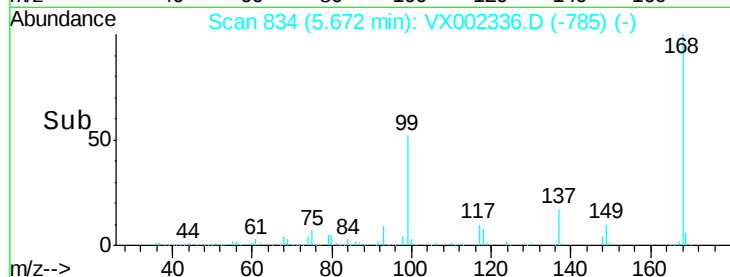
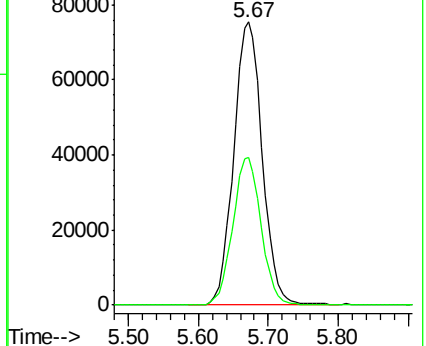
168 100

99 52.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002336.D

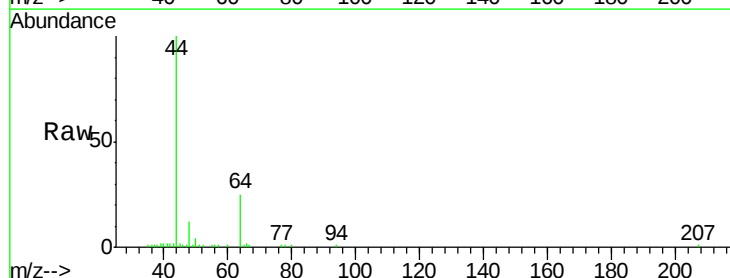
Acq: 06 Jun 2018 05:44

Tgt Ion: 50 Resp: 504

Ion Ratio Lower Upper

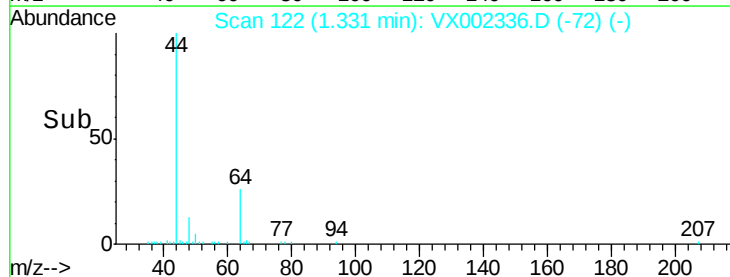
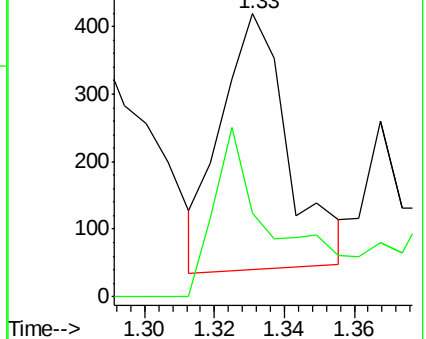
50 100

52 40.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampled :

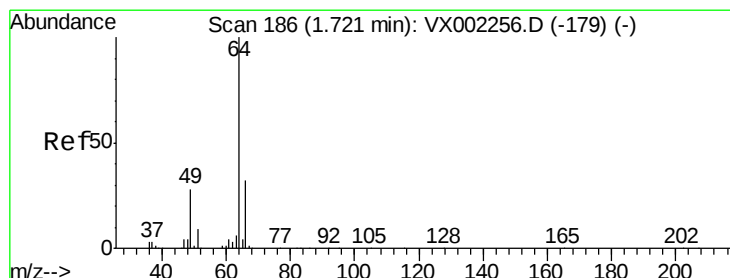
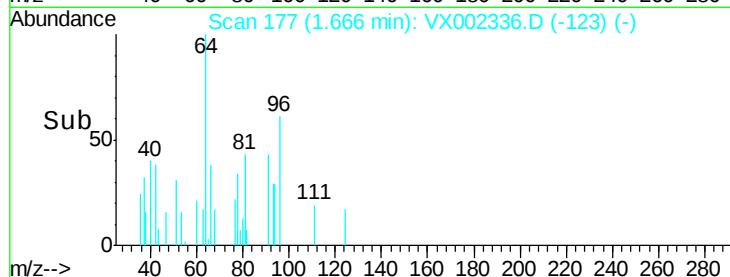
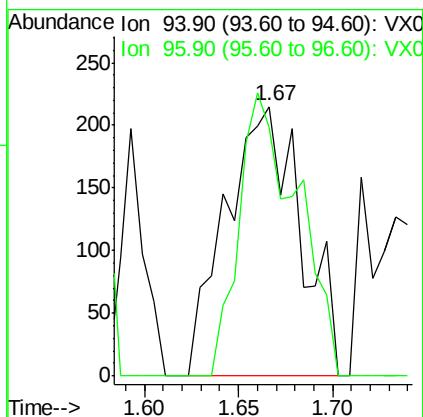
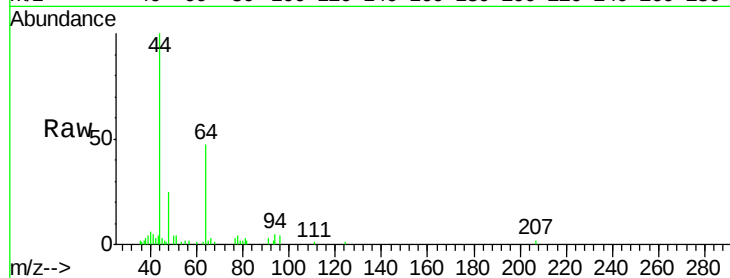
MW-5R

Tgt Ion: 94 Resp: 591

Ion Ratio Lower Upper

94 100

96 92.1 74.9 112.3



#6

Chloroethane

Concen: 0.25 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002336.D

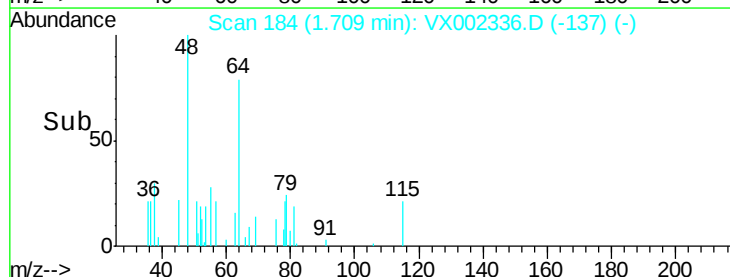
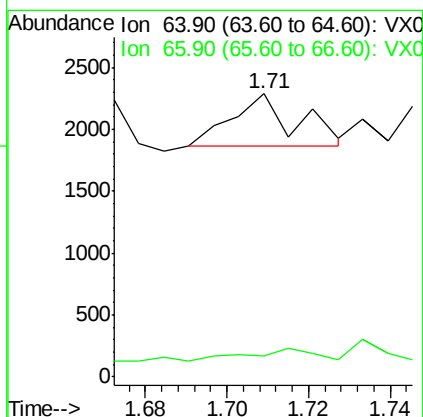
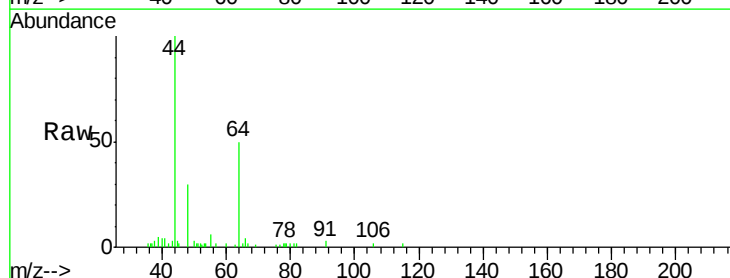
Acq: 06 Jun 2018 05:44

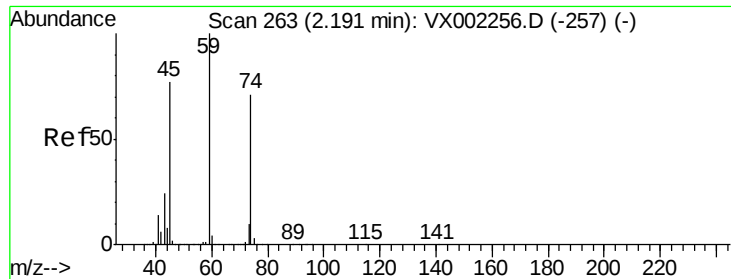
Tgt Ion: 64 Resp: 457

Ion Ratio Lower Upper

64 100

66 10.4 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.34 min Scan# 287

Delta R.T. 0.15 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampled :

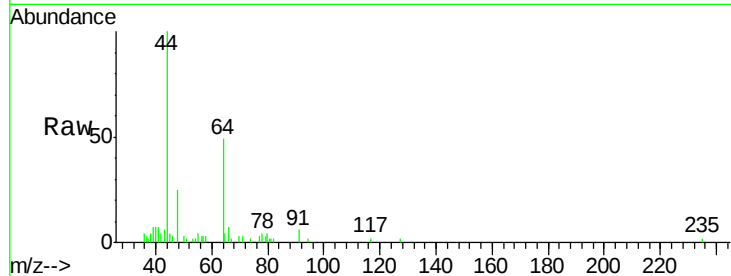
MW-5R

Tgt Ion: 74 Resp: 43

Ion Ratio Lower Upper

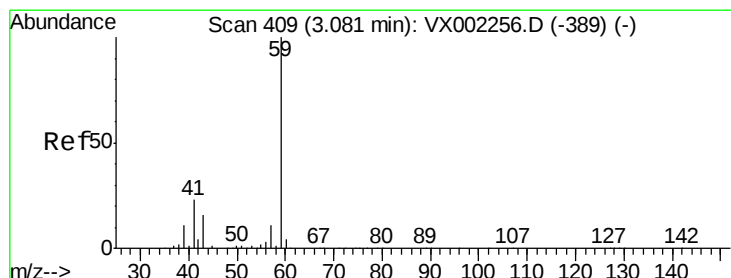
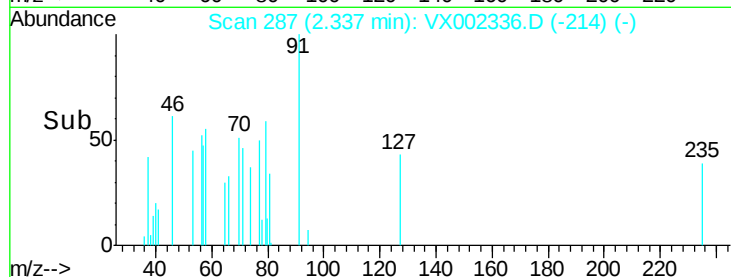
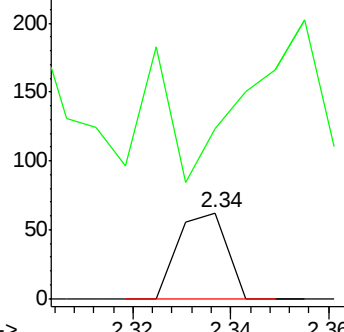
74 100

45 83.7 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX002336.D

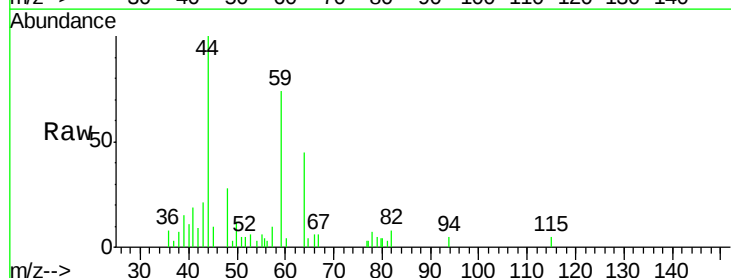
Acq: 06 Jun 2018 05:44

Tgt Ion: 59 Resp: 2967

Ion Ratio Lower Upper

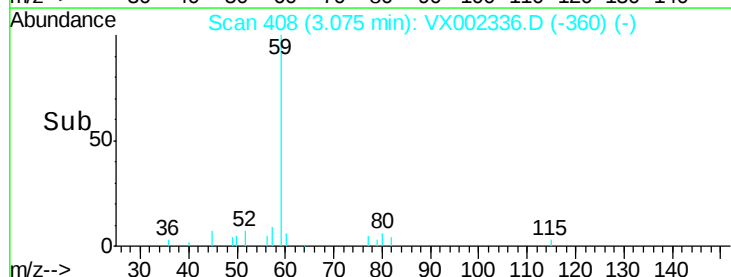
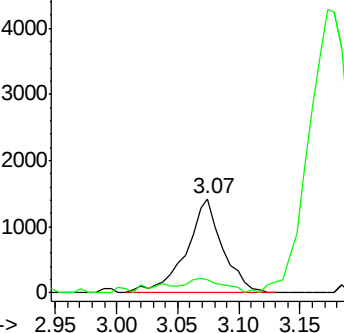
59 100

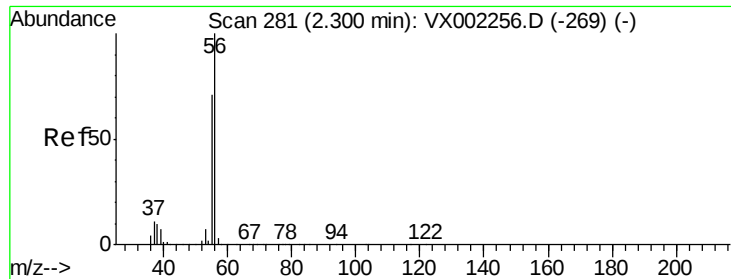
57 14.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.26 min Scan# 274

Delta R.T. -0.04 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

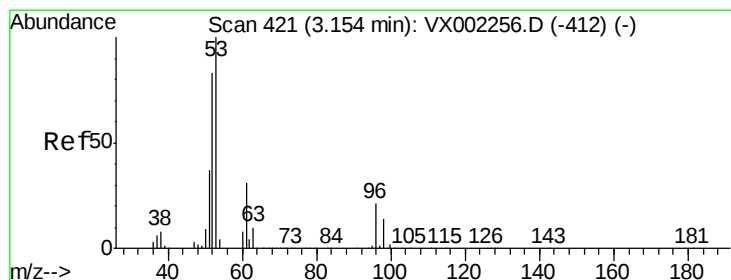
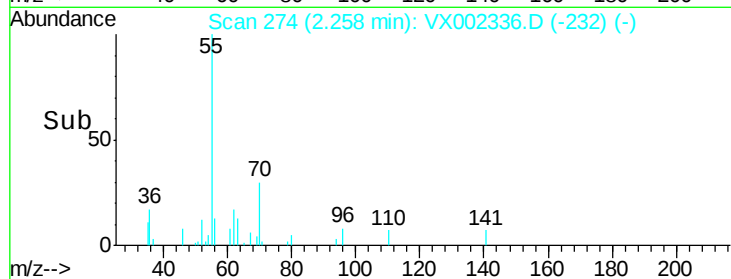
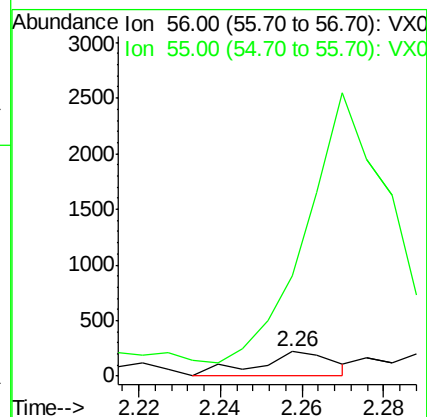
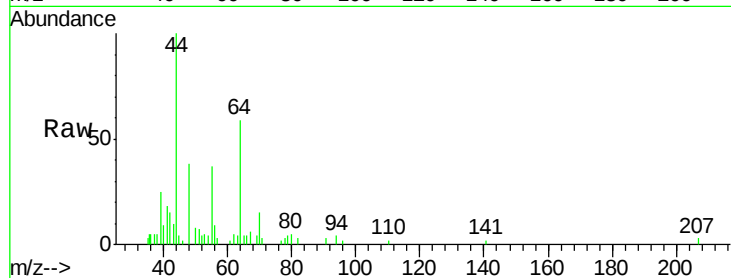
MW-5R

Tgt Ion: 56 Resp: 288

Ion Ratio Lower Upper

56 100

55 1237.5 57.0 85.4#



#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

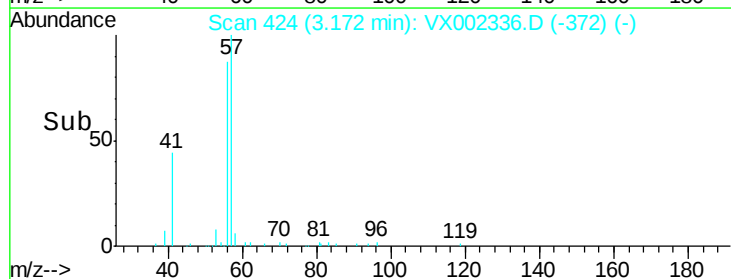
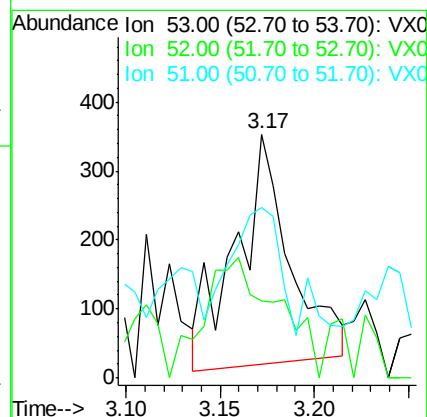
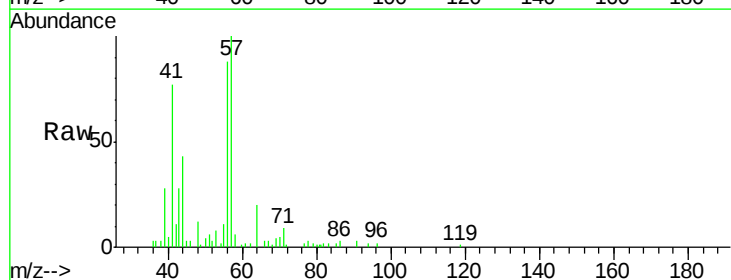
Tgt Ion: 53 Resp: 675

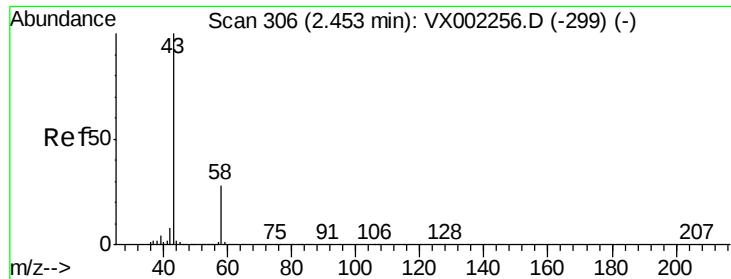
Ion Ratio Lower Upper

53 100

52 69.9 66.7 100.1

51 49.0 29.9 44.9#





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

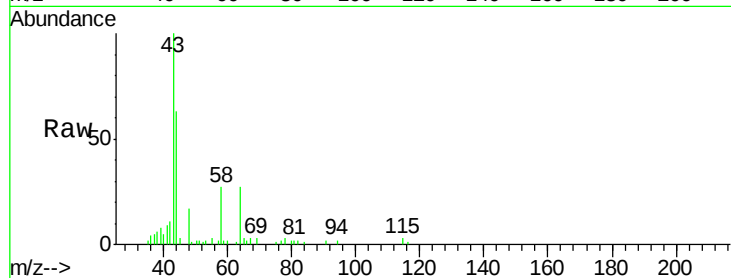
MW-5R

Tgt Ion: 43 Resp: 6829

Ion Ratio Lower Upper

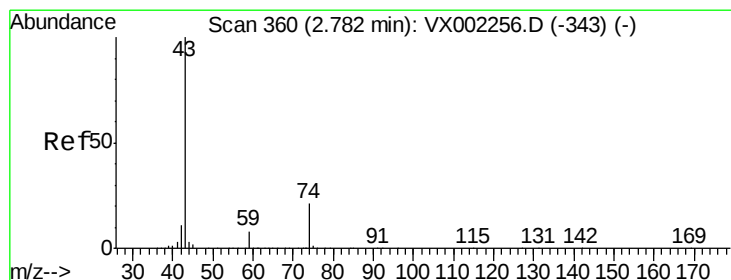
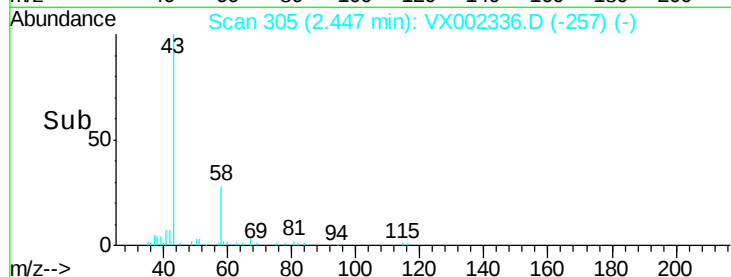
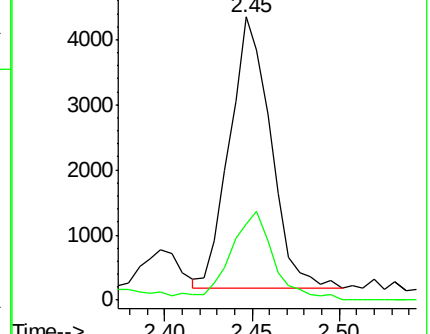
43 100

58 28.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.77 min Scan# 358

Delta R.T. -0.01 min

Lab File: VX002336.D

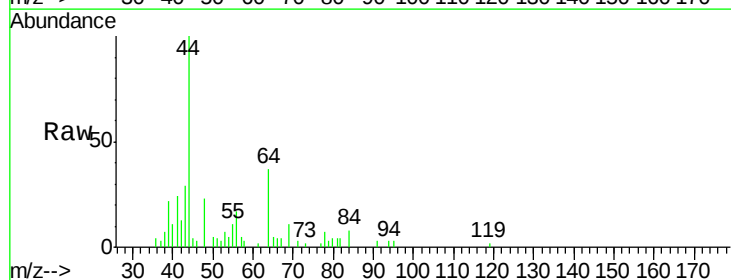
Acq: 06 Jun 2018 05:44

Tgt Ion: 43 Resp: 1576

Ion Ratio Lower Upper

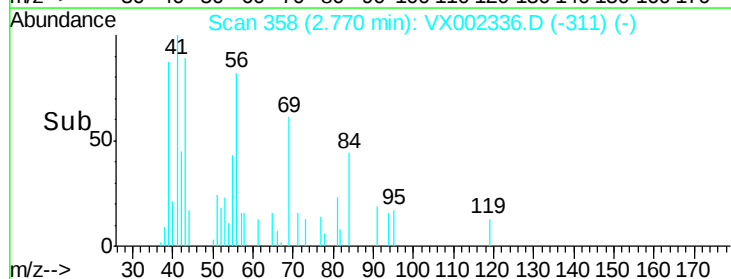
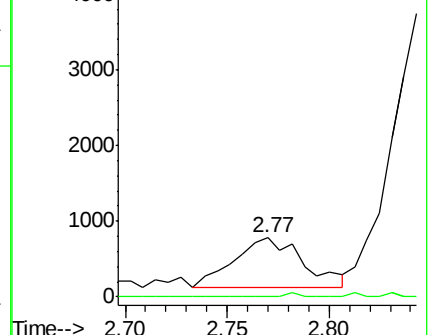
43 100

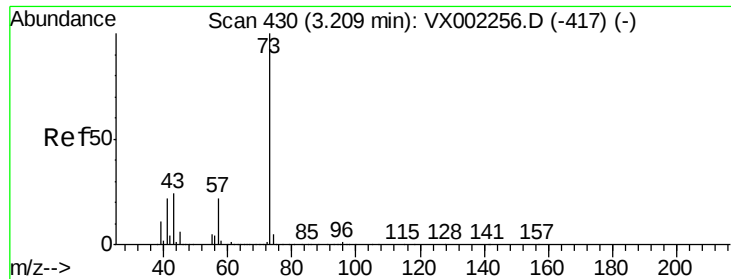
74 1.5 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

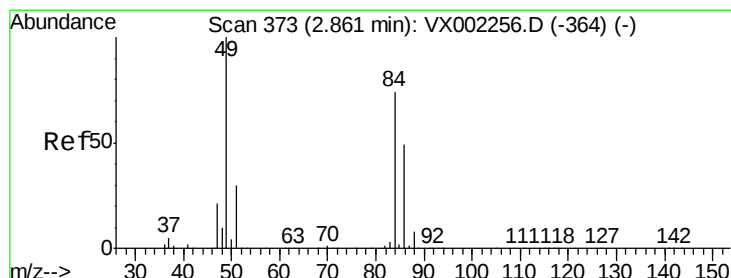
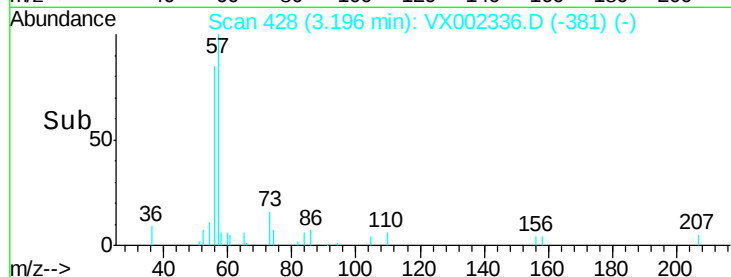
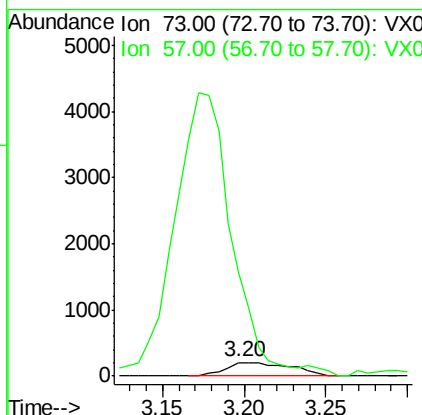
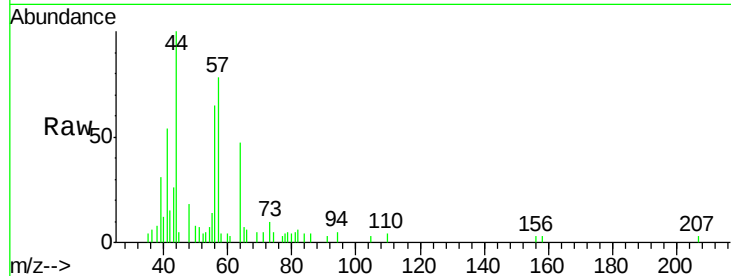




#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

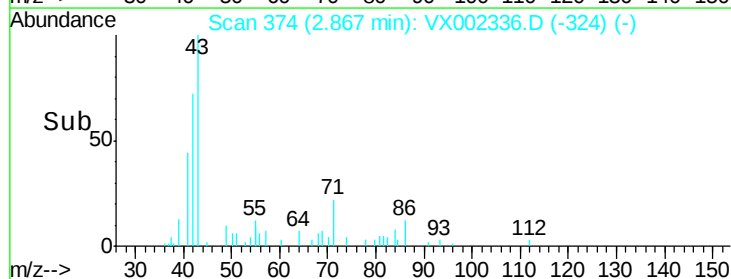
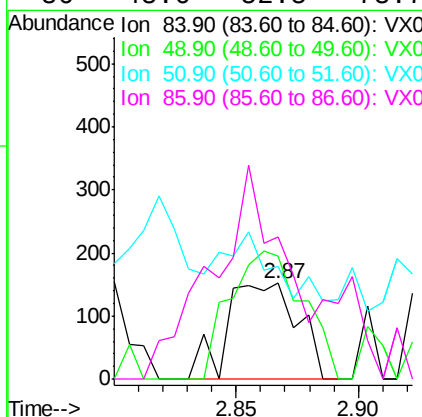
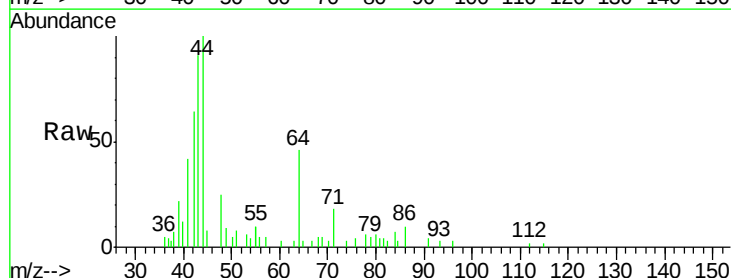
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

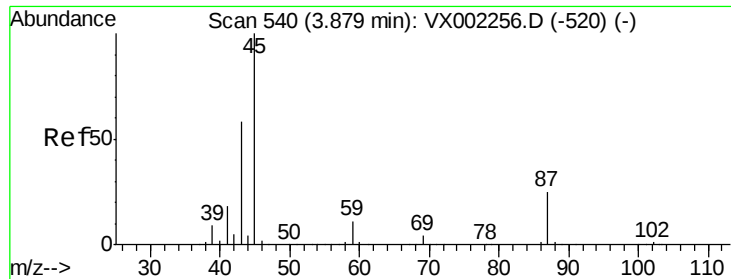
Tgt Ion: 73 Resp: 583
Ion Ratio Lower Upper
73 100
57 752.4 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion: 84 Resp: 308
Ion Ratio Lower Upper
84 100
49 90.3 107.8 161.6#
51 24.1 32.8 49.2#
86 48.6 52.5 78.7#



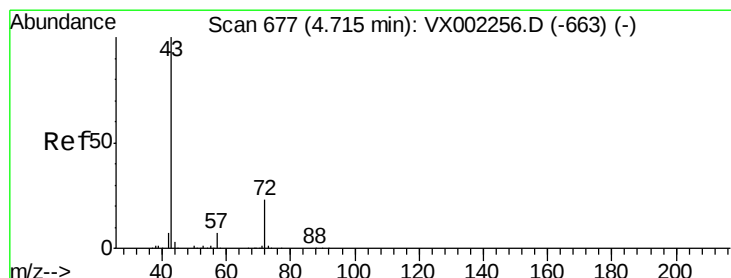
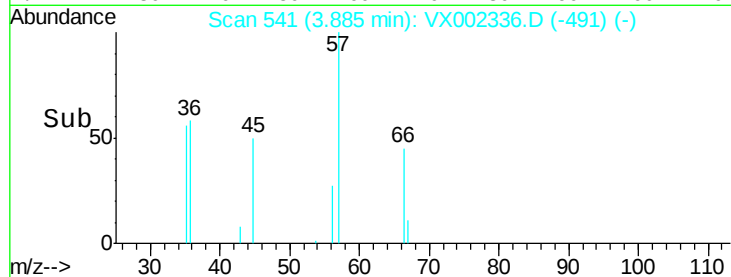
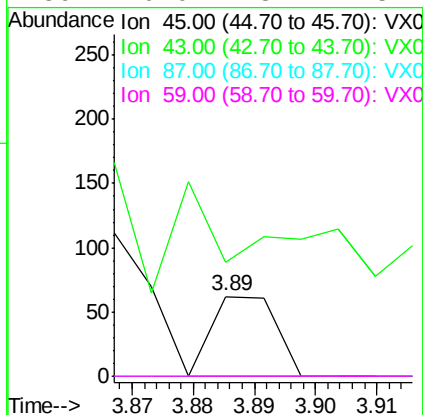
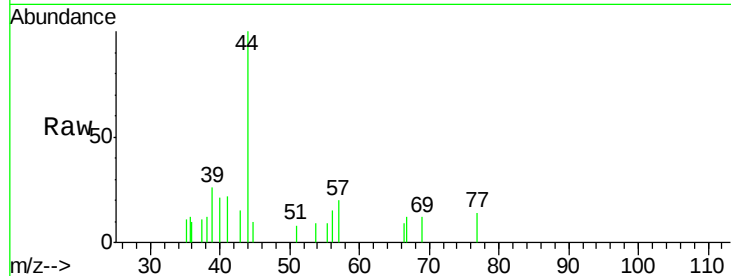


#22

Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Instrument :
MSVOA_X
ClientSampled :
MW-5R

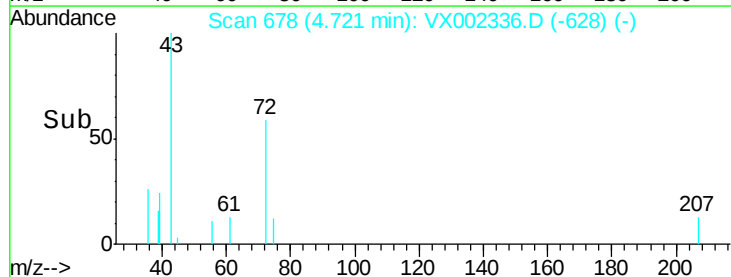
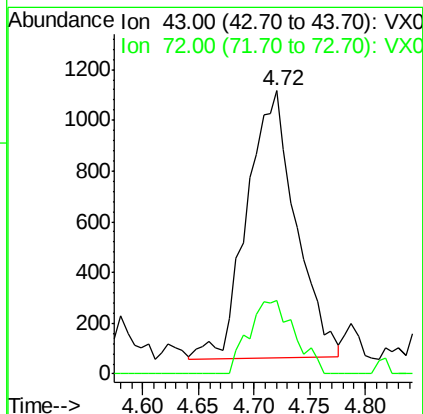
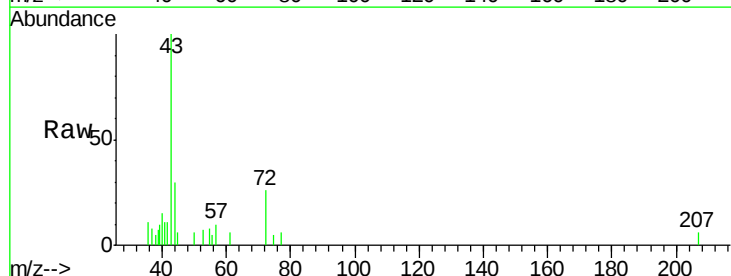
Tgt Ion:	45	Resp:	45
Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

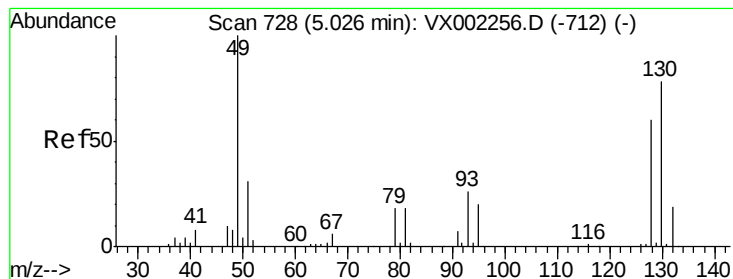


#25

2-Butanone
Concen: 1.54 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion:	43	Resp:	3217
Ion	Ratio	Lower	Upper
43	100		
72	27.7	18.5	27.7#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.21 min Scan# 759

Delta R.T. 0.19 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

MW-5R

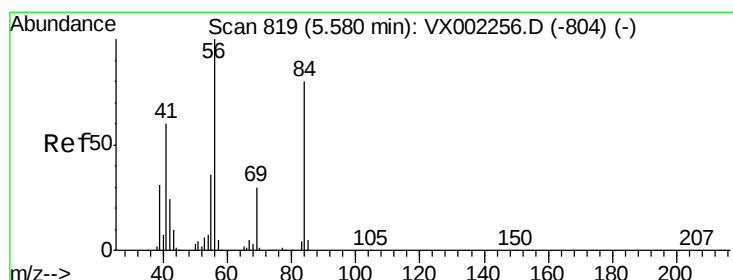
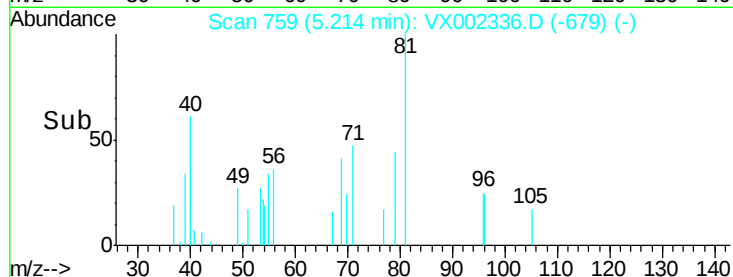
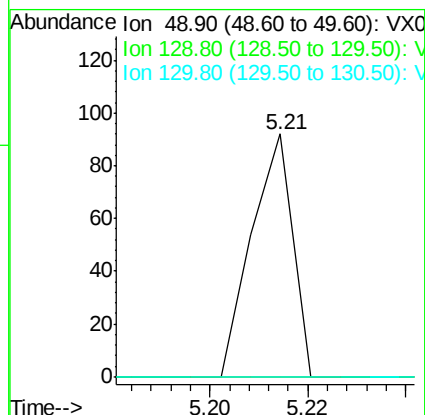
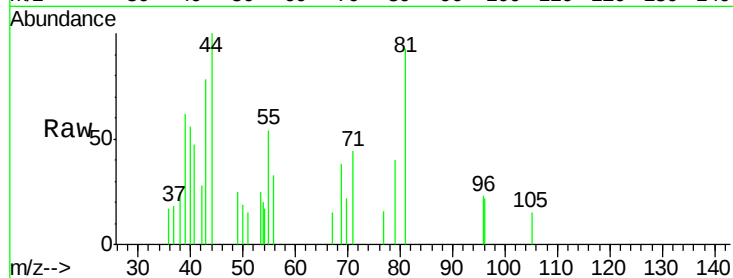
Tgt Ion: 49 Resp: 53

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#



#31

Cyclohexane

Concen: 6.35 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

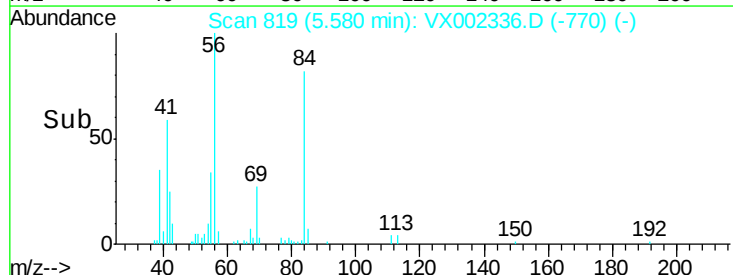
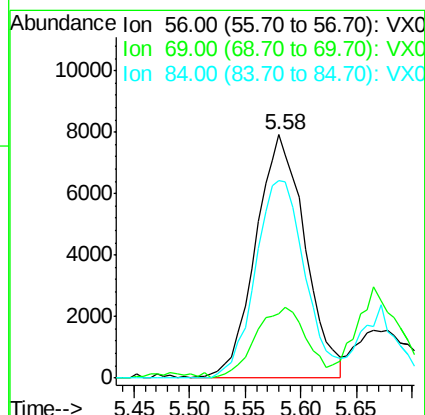
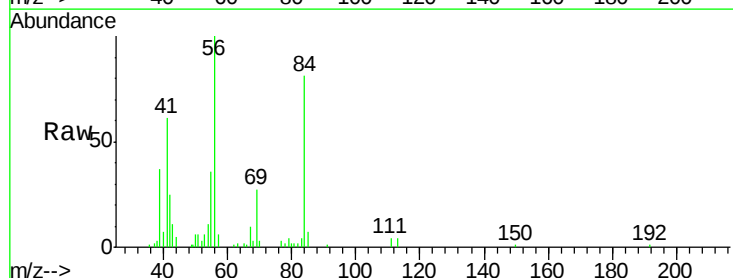
Tgt Ion: 56 Resp: 24391

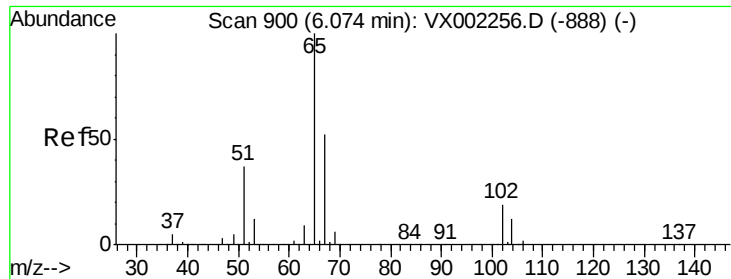
Ion Ratio Lower Upper

56 100

69 24.8 23.7 35.5

84 81.2 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 51.16 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

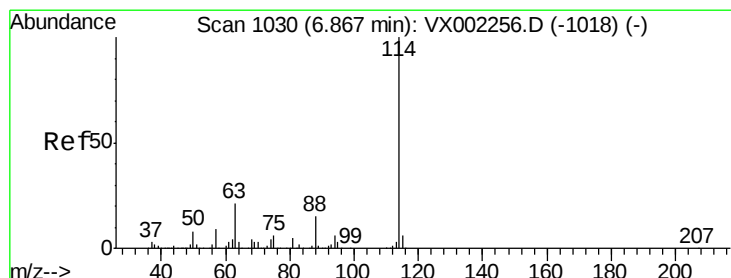
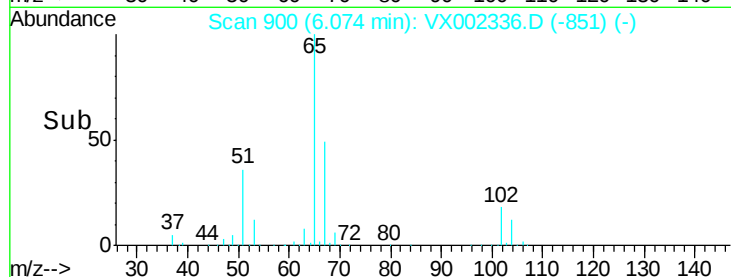
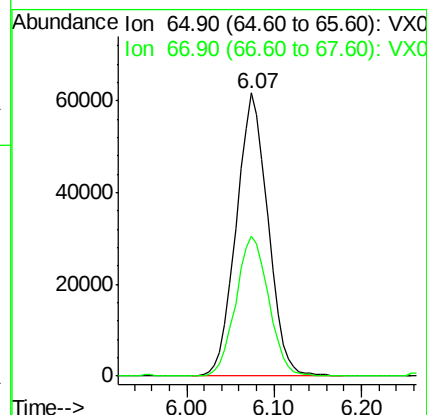
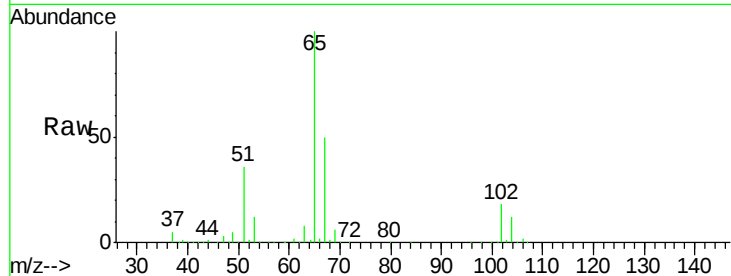
MW-5R

Tgt Ion: 65 Resp: 155467

Ion Ratio Lower Upper

65 100

67 51.3 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: VX002336.D

Acq: 06 Jun 2018 05:44

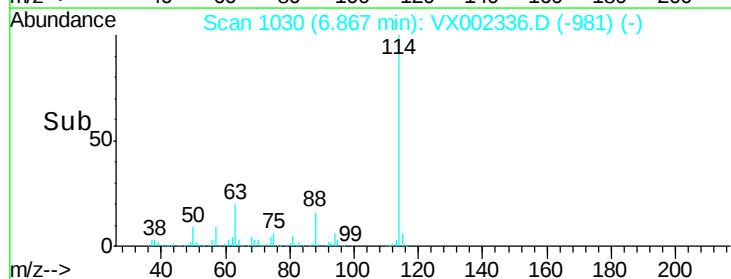
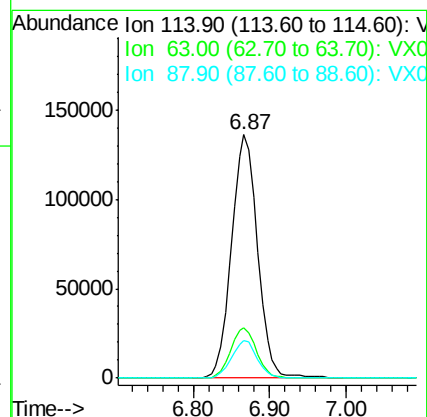
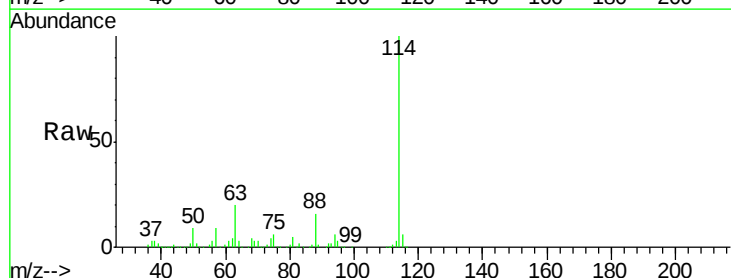
Tgt Ion: 114 Resp: 320011

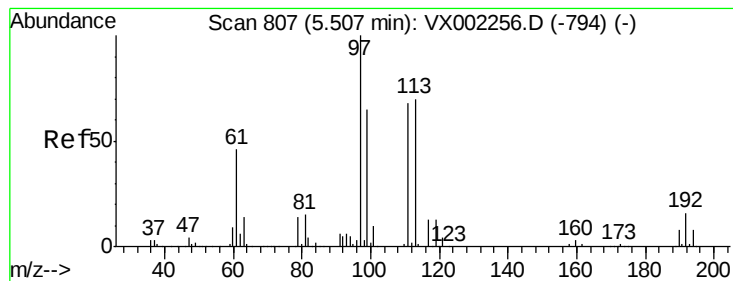
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.40 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampled :

MW-5R

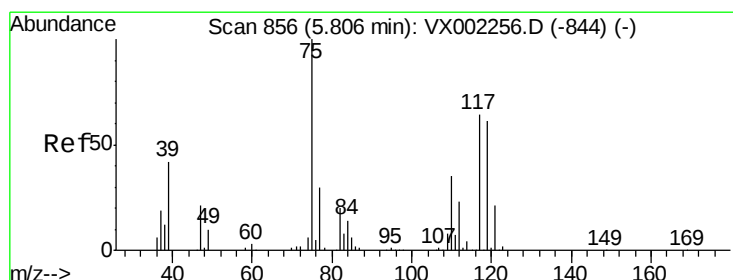
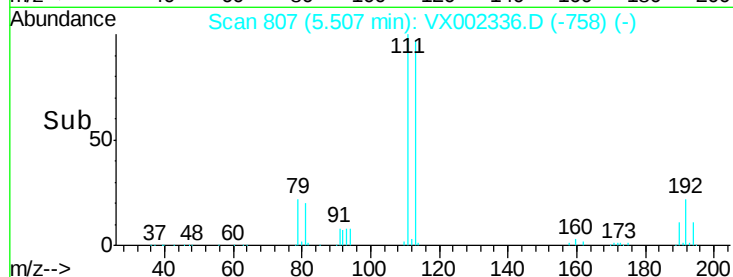
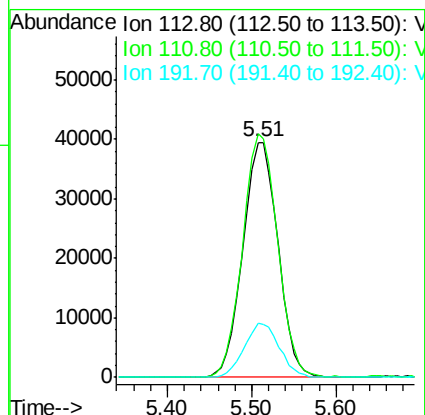
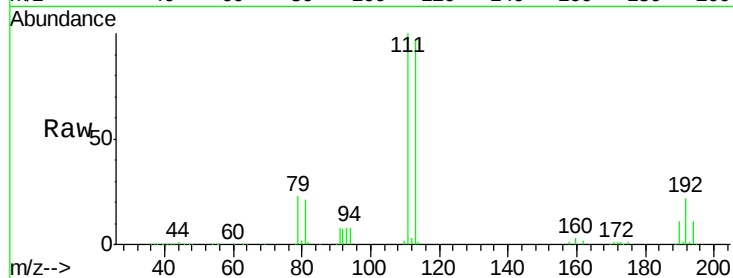
Tgt Ion:113 Resp: 111737

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.2 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.54 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

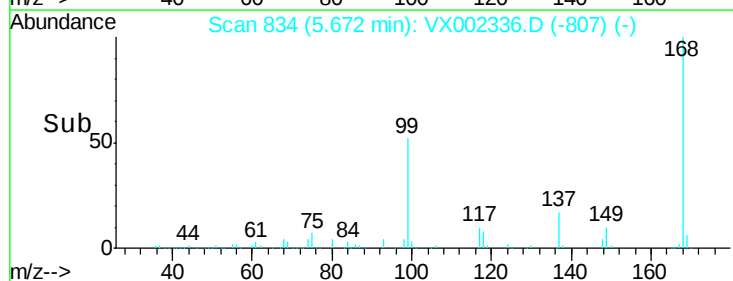
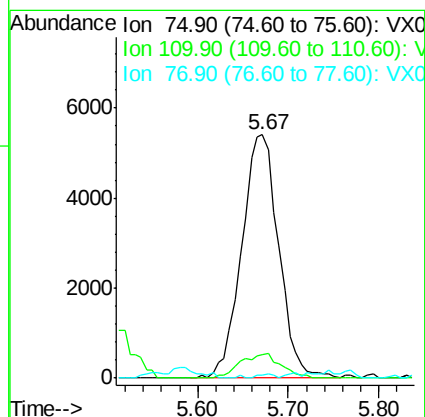
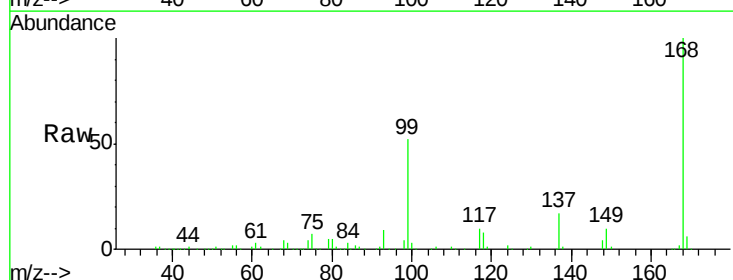
Tgt Ion: 75 Resp: 15265

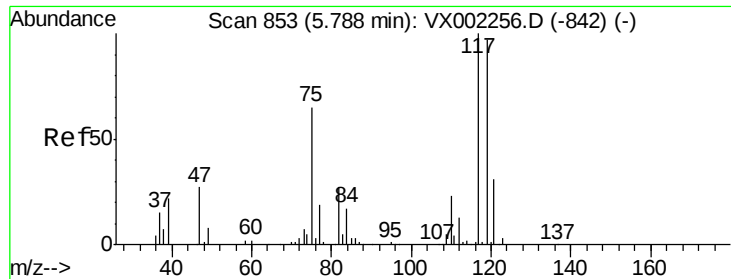
Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.4#

77 0.7 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.86 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

MW-5R

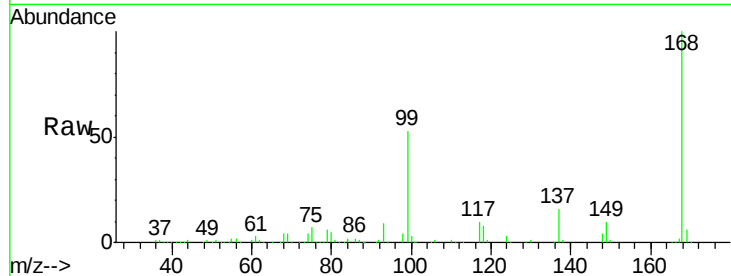
Tgt Ion:117 Resp: 20616

Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.0#

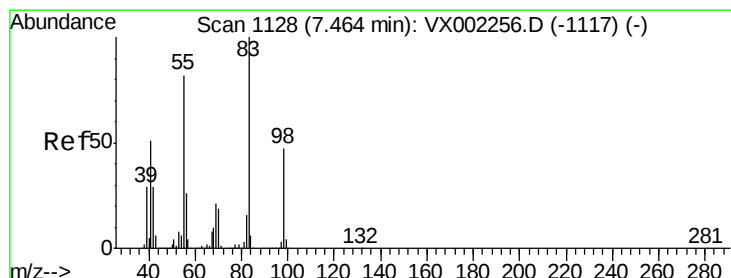
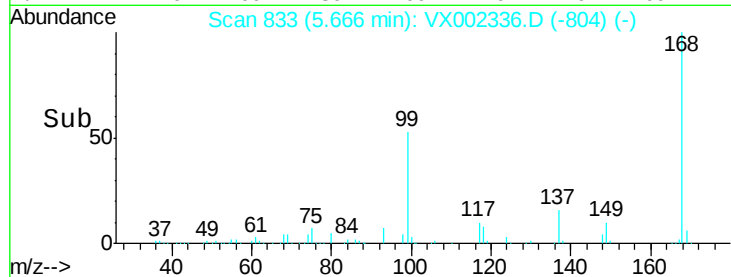
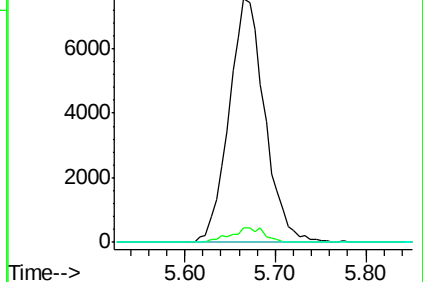
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 4.96 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

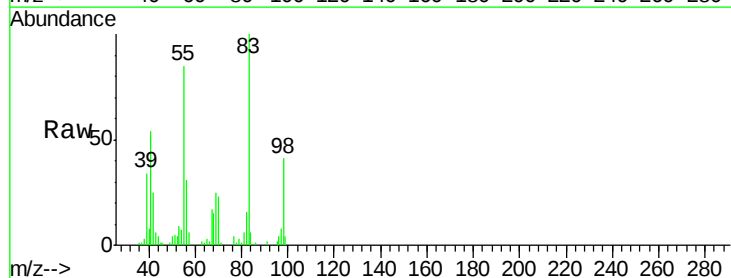
Tgt Ion: 83 Resp: 19624

Ion Ratio Lower Upper

83 100

55 83.8 65.4 98.0

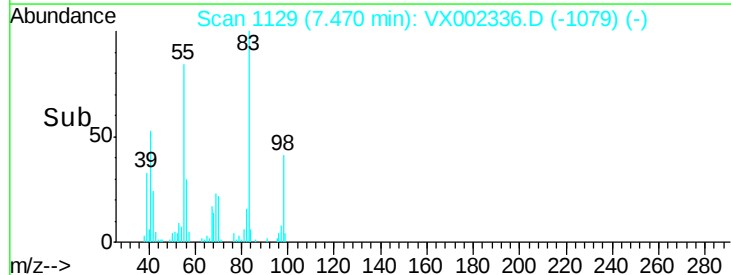
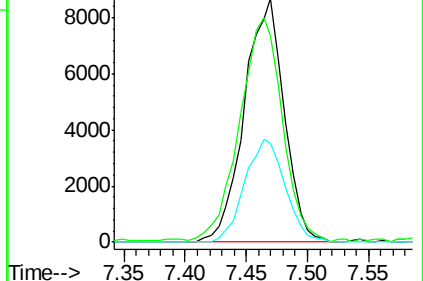
98 40.7 37.4 56.0

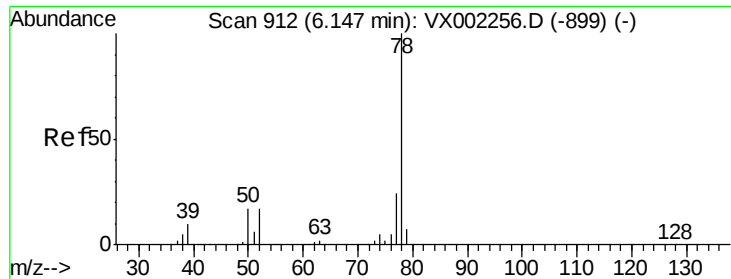


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 30.86 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

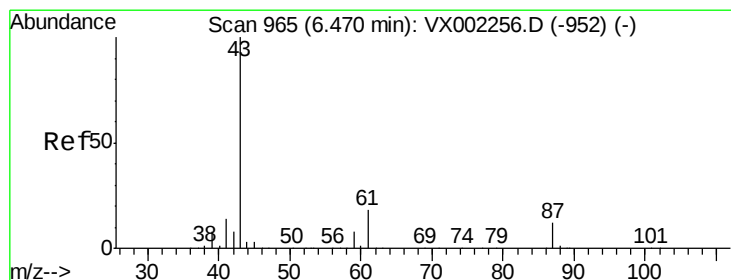
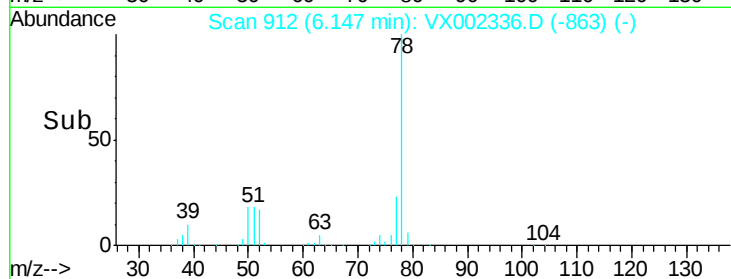
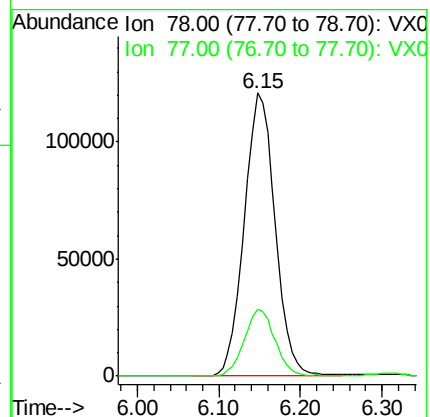
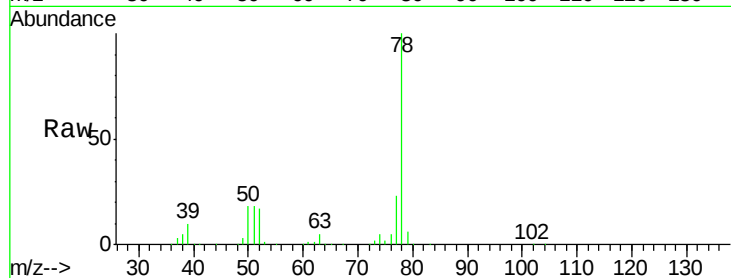
MW-5R

Tgt Ion: 78 Resp: 318342

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7



#43

Isopropyl Acetate

Concen: 0.55 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

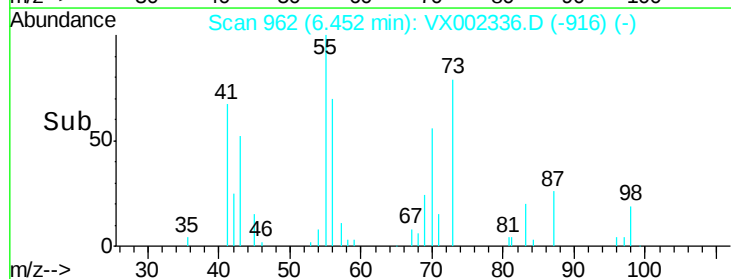
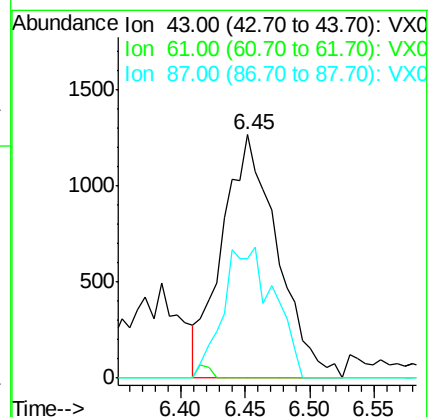
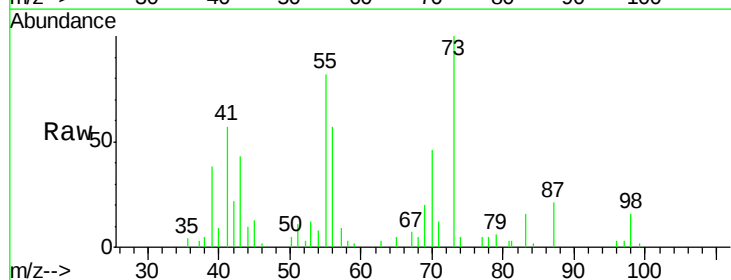
Tgt Ion: 43 Resp: 3775

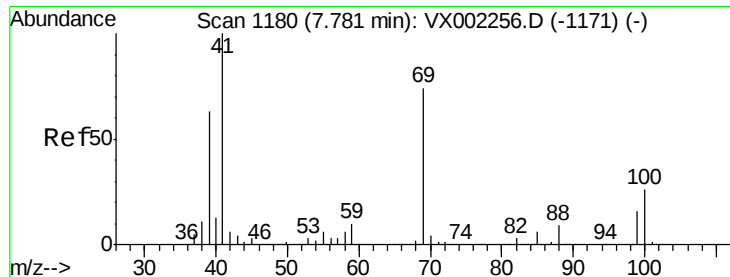
Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

87 49.7 9.5 14.3#

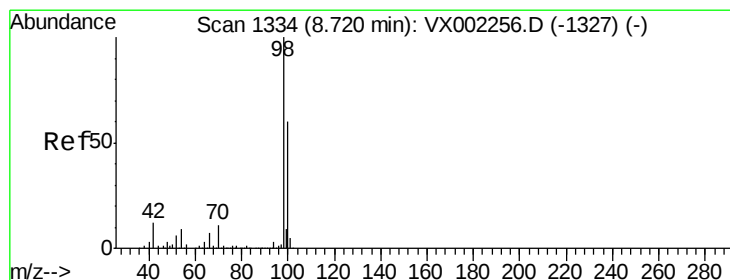
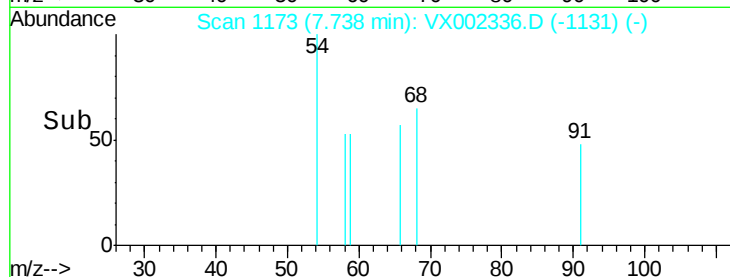
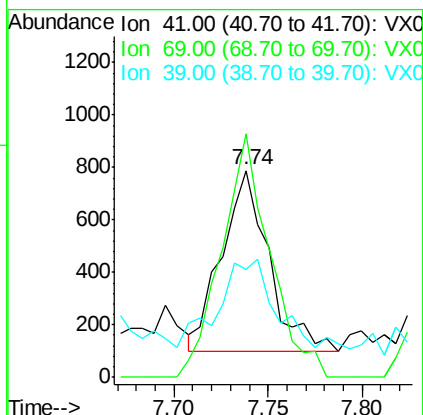
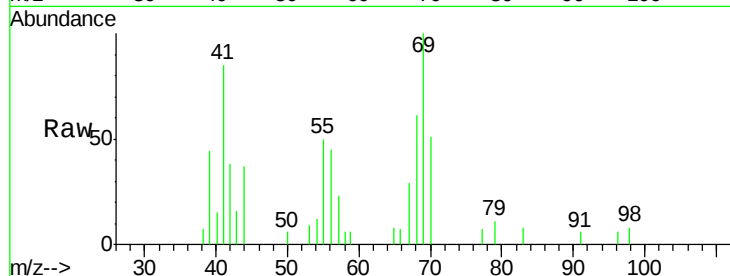




#48
Methyl methacrylate
Concen: 0.35 ug/l
RT: 7.74 min Scan# 1173
Delta R.T. -0.04 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

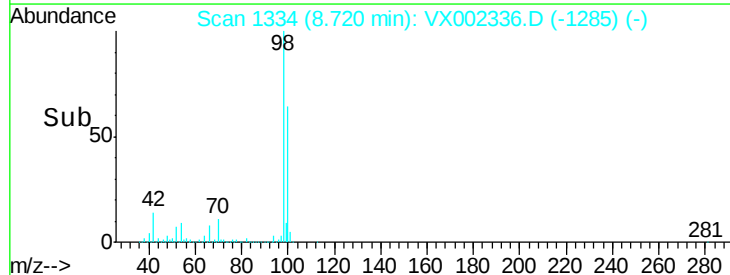
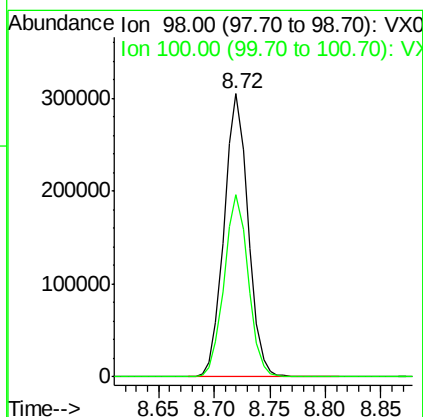
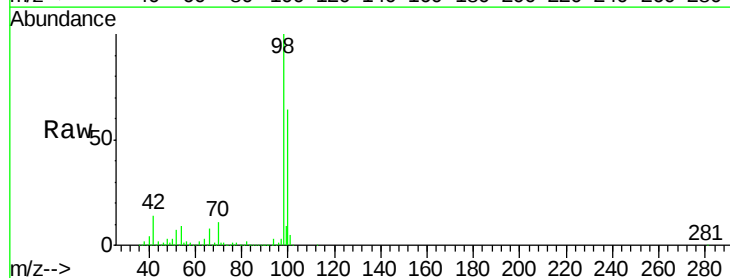
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

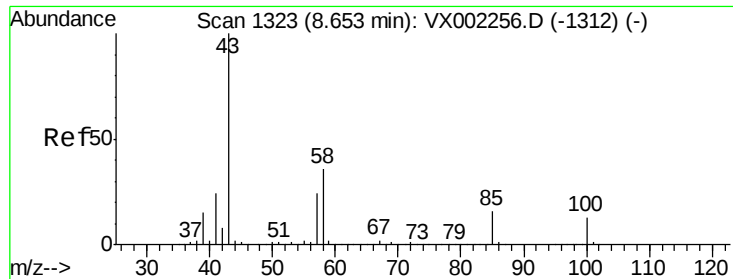
Tgt Ion: 41 Resp: 1198
Ion Ratio Lower Upper
41 100
69 138.0 59.1 88.7#
39 57.7 48.9 73.3



#50
Toluene-d8
Concen: 47.35 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion: 98 Resp: 456727
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.52 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampled :

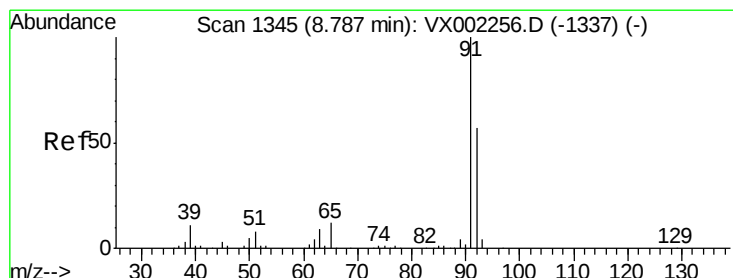
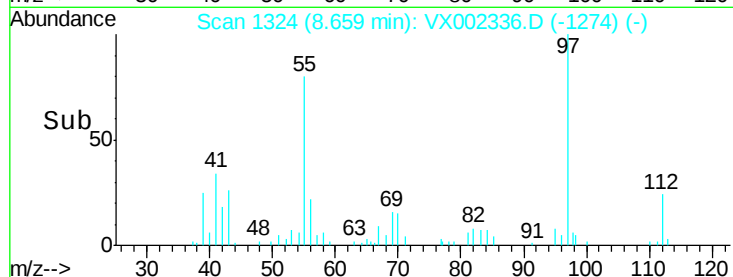
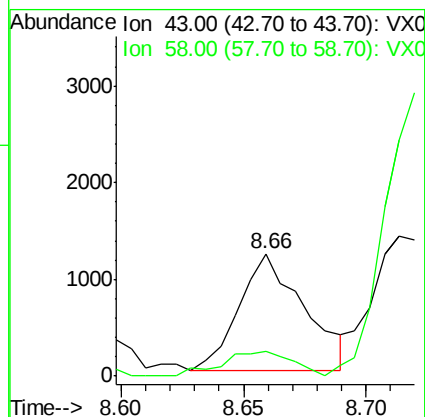
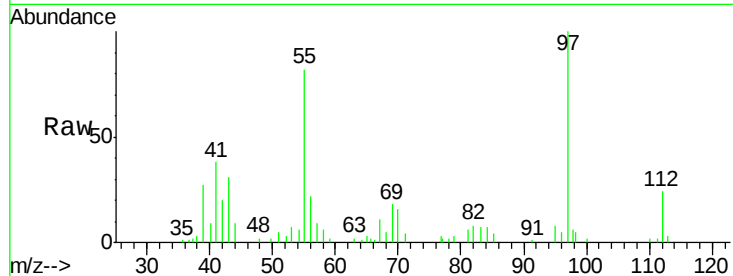
MW-5R

Tgt Ion: 43 Resp: 2246

Ion Ratio Lower Upper

43 100

58 22.5 28.6 42.8#



#52

Toluene

Concen: 0.54 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002336.D

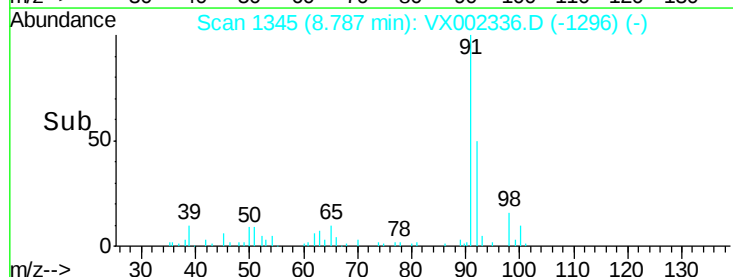
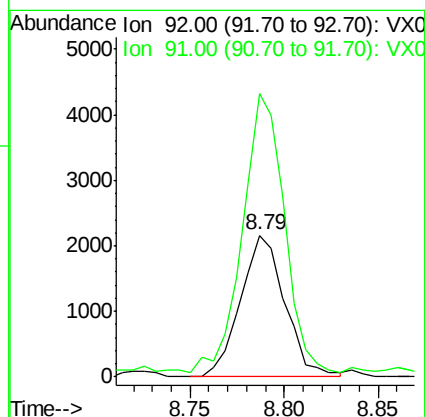
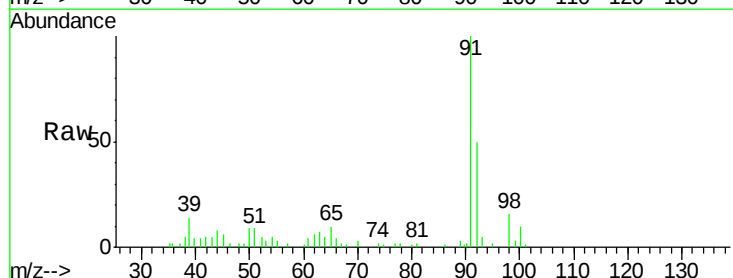
Acq: 06 Jun 2018 05:44

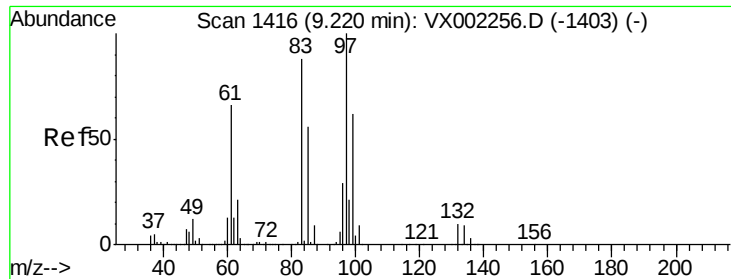
Tgt Ion: 92 Resp: 3527

Ion Ratio Lower Upper

92 100

91 184.1 140.4 210.6

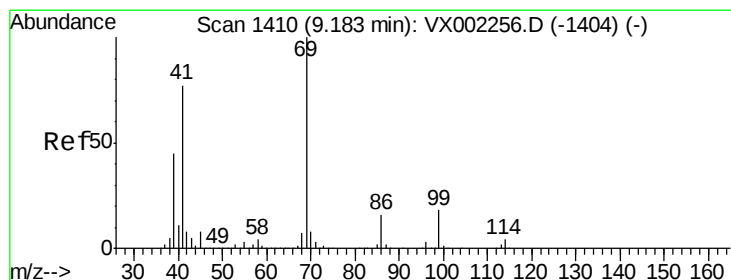
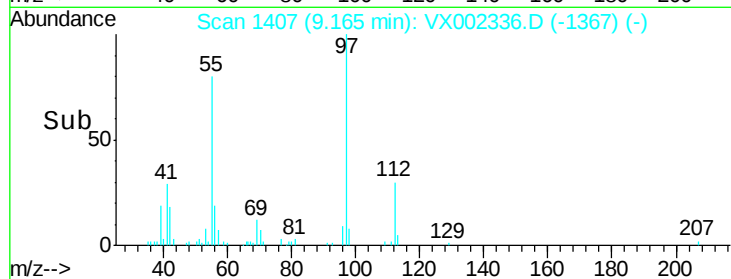
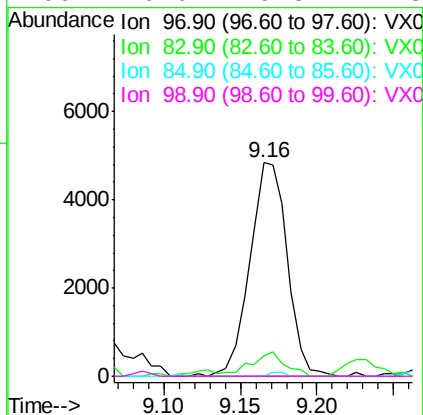
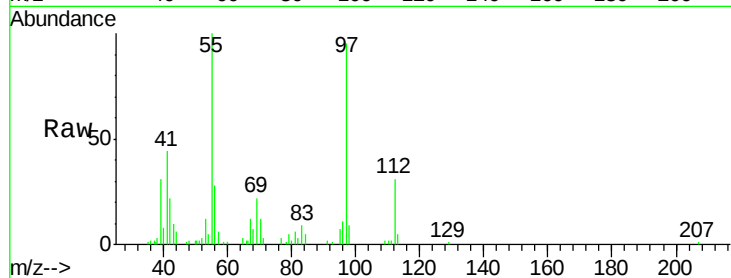




#55
1,1,2-Trichloroethane
Concen: 3.05 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.05 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

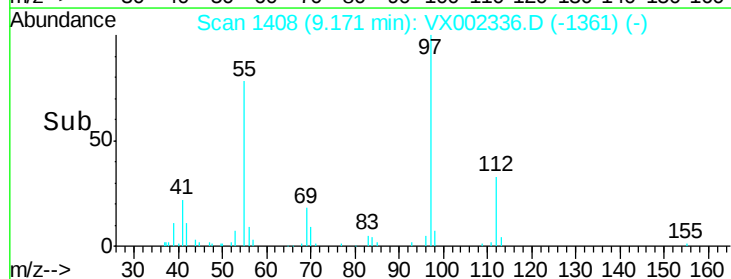
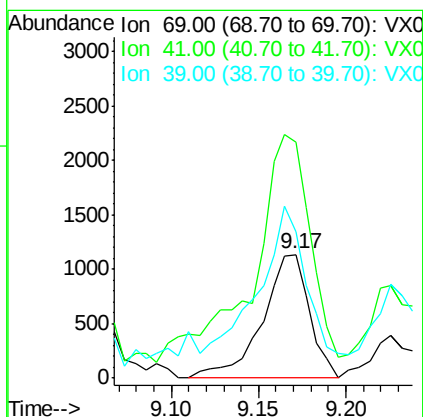
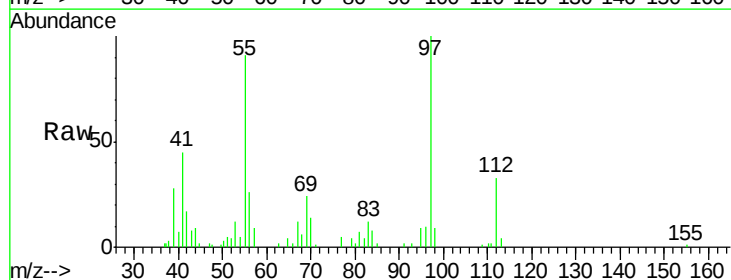
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

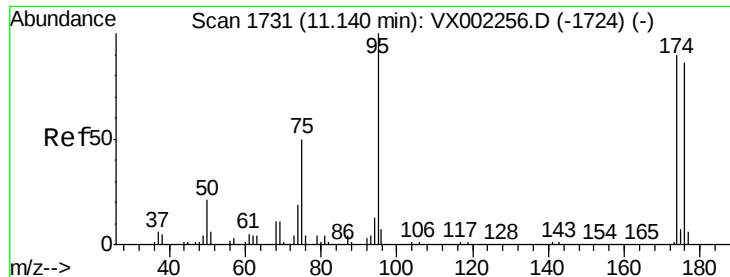
Tgt Ion: 97 Resp: 8218
Ion Ratio Lower Upper
97 100
83 8.3 70.2 105.2#
85 0.0 44.9 67.3#
99 0.0 49.8 74.8#



#56
Ethyl methacrylate
Concen: 0.49 ug/l
RT: 9.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion: 69 Resp: 2122
Ion Ratio Lower Upper
69 100
41 209.9 60.3 90.5#
39 125.1 35.8 53.8#

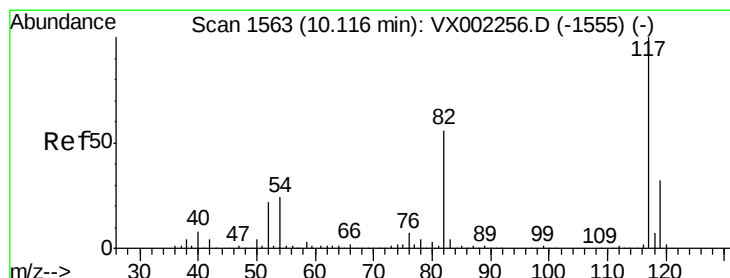
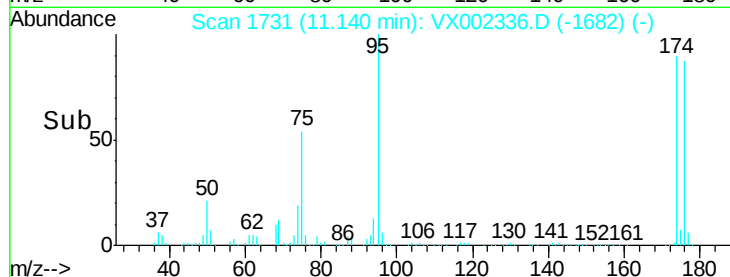
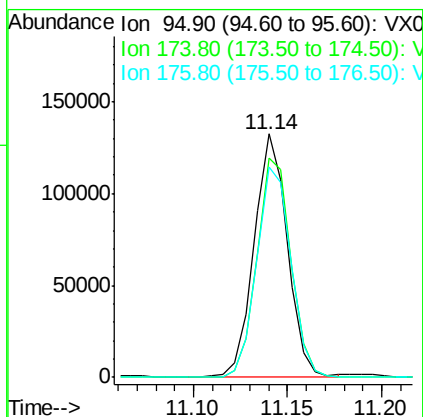
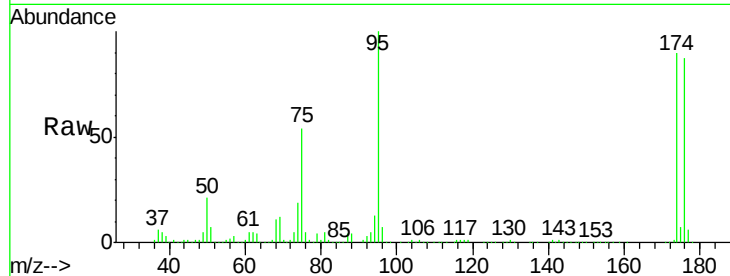




#62
4-Bromofluorobenzene
Concen: 43.27 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

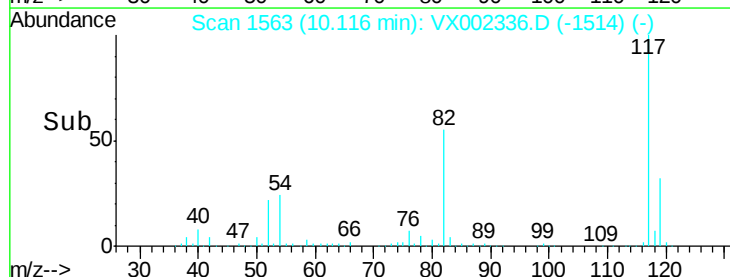
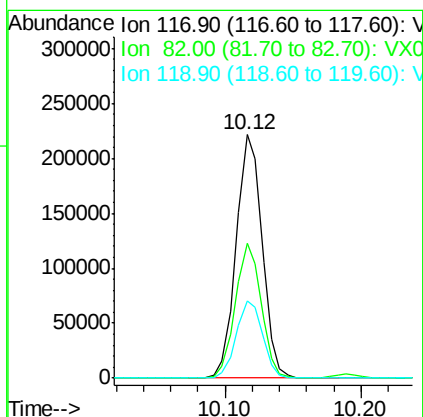
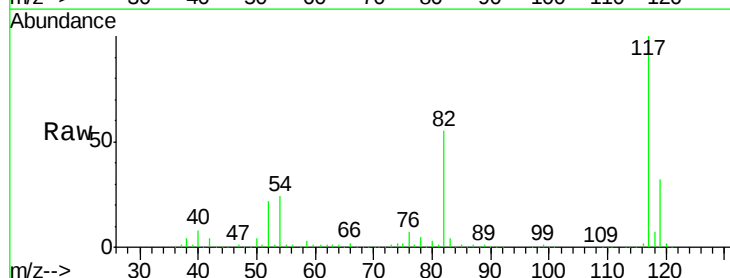
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

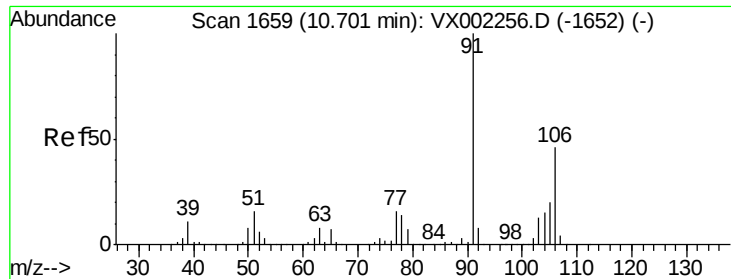
Tgt Ion: 95 Resp: 160960
Ion Ratio Lower Upper
95 100
174 92.8 0.0 187.4
176 89.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion: 117 Resp: 294643
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.8 25.8 38.6

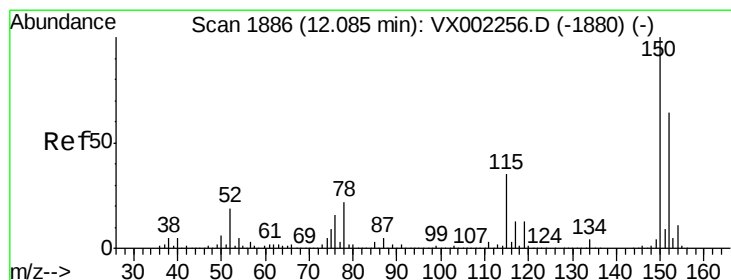
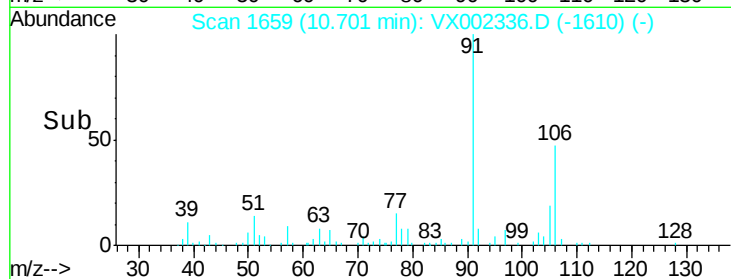
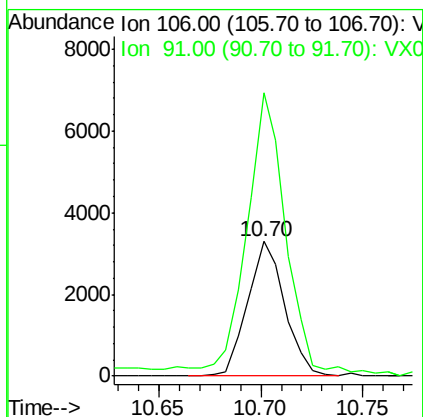
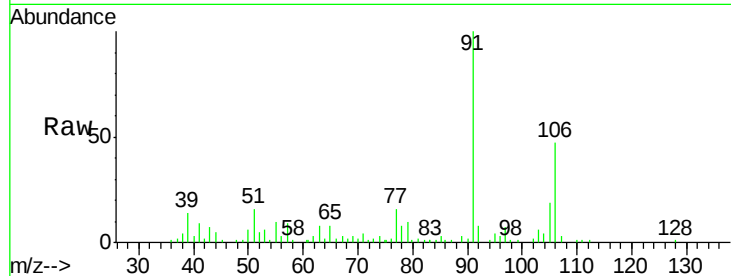




#69
o-Xylene
Concen: 0.88 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

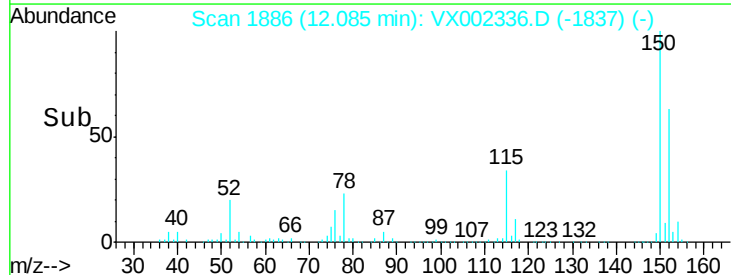
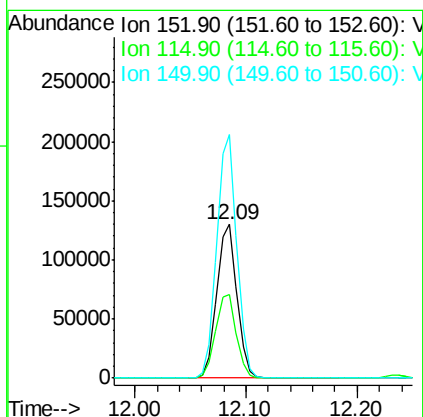
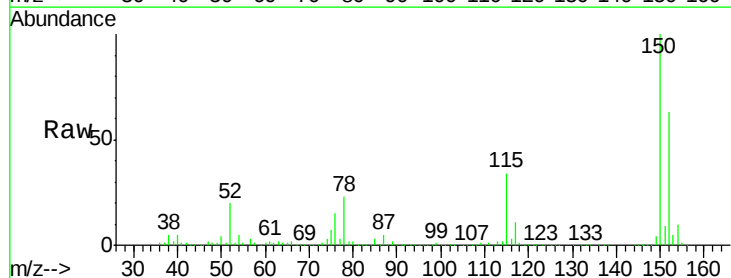
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

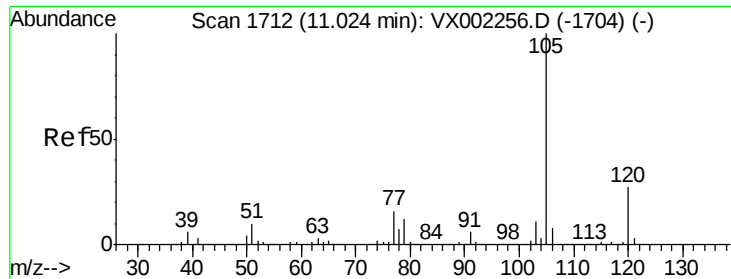
Tgt Ion:106 Resp: 4175
Ion Ratio Lower Upper
106 100
91 229.3 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion:152 Resp: 162638
Ion Ratio Lower Upper
152 100
115 56.2 40.1 120.2
150 157.4 0.0 347.2





#73

Isopropylbenzene

Concen: 7.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

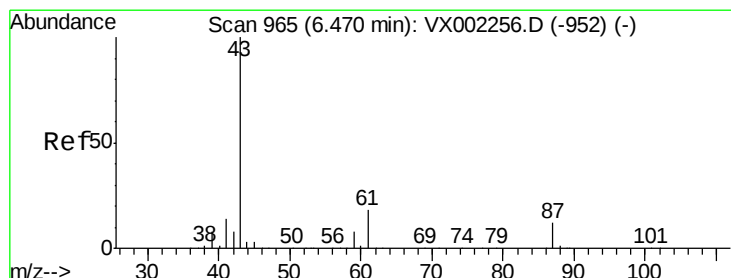
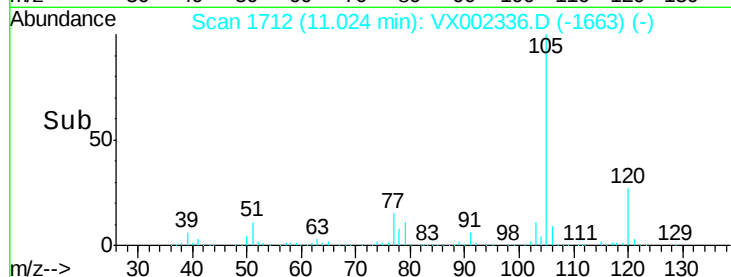
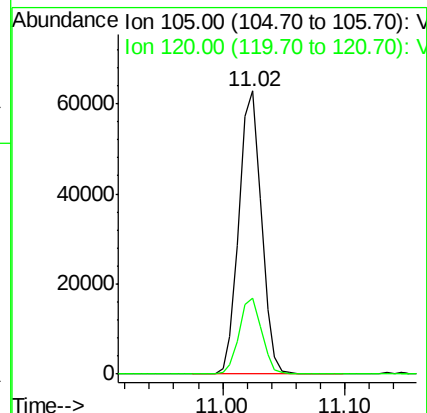
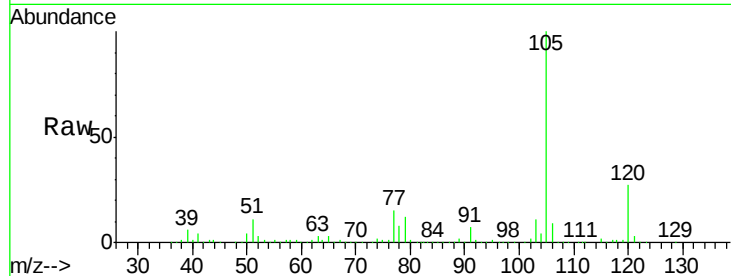
MW-5R

Tgt Ion:105 Resp: 79609

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 0.62 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Tgt Ion: 43 Resp: 3775

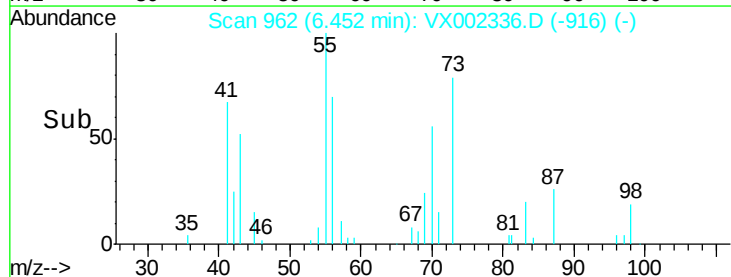
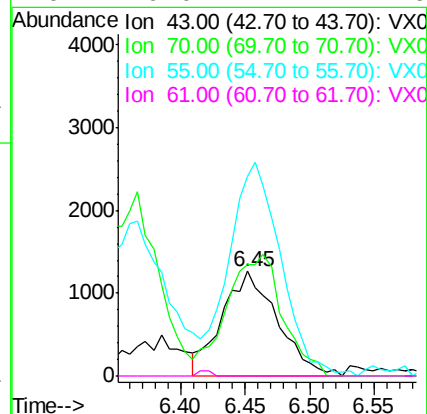
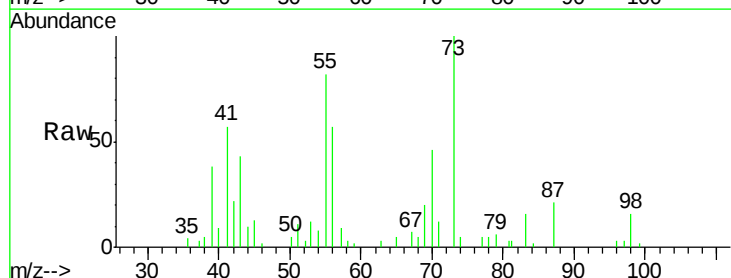
Ion Ratio Lower Upper

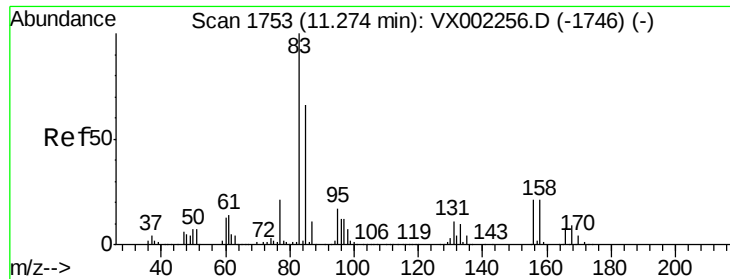
43 100

70 117.6 0.0 0.0#

55 191.3 0.0 0.0#

61 0.0 14.4 21.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.35 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampled :

MW-5R

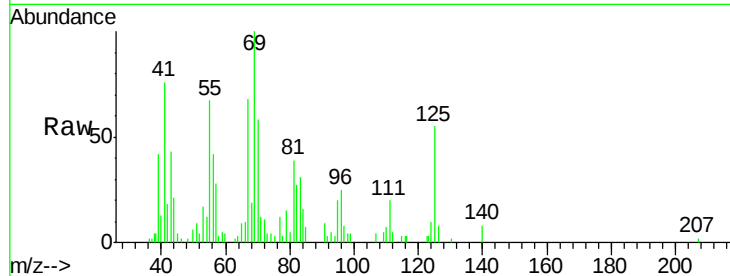
Tgt Ion: 83 Resp: 1245

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

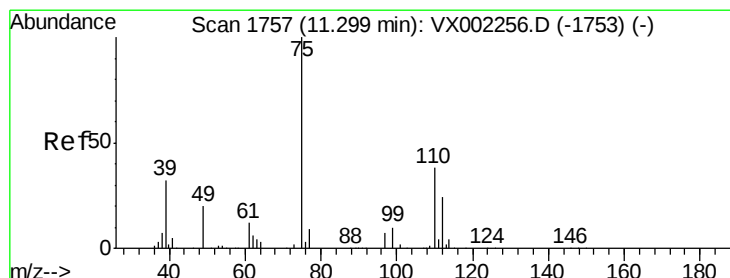
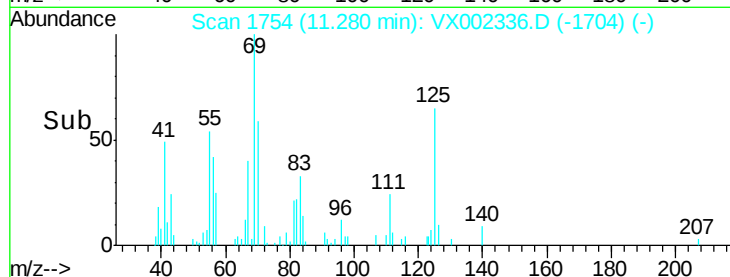
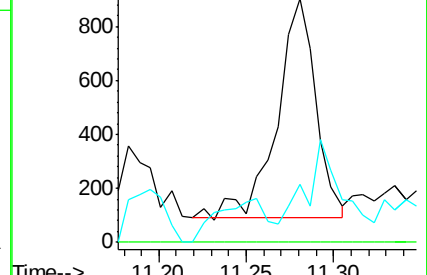
85 47.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002336.D

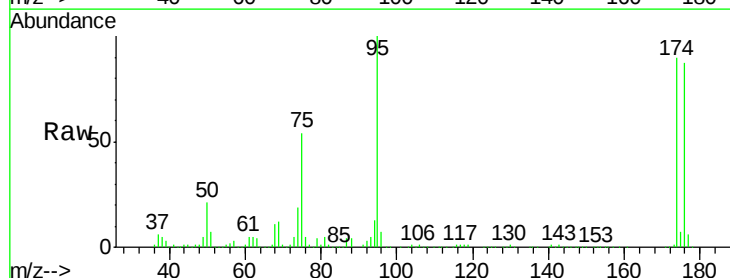
Acq: 06 Jun 2018 05:44

Tgt Ion: 75 Resp: 86726

Ion Ratio Lower Upper

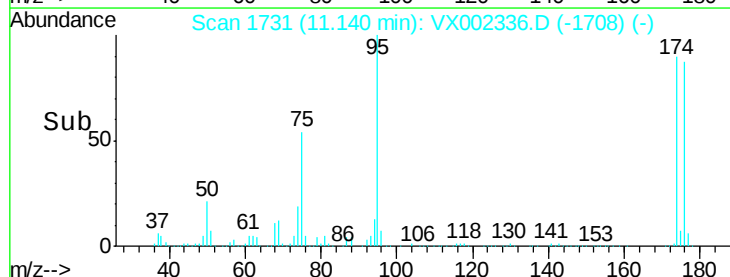
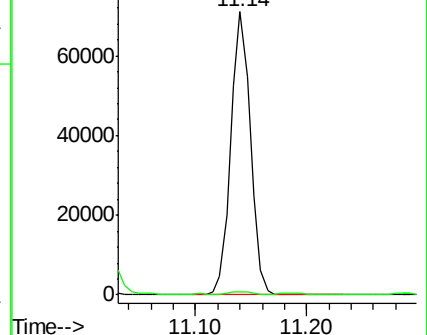
75 100

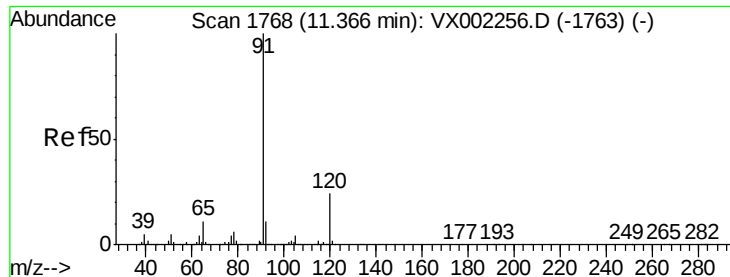
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

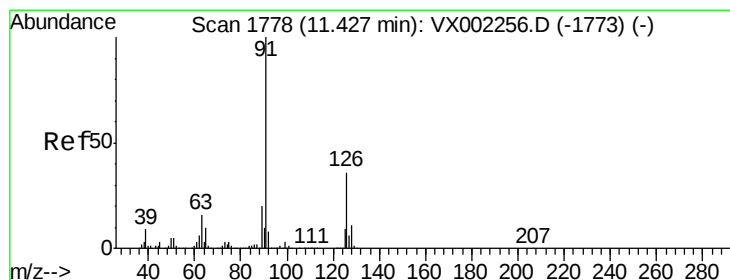
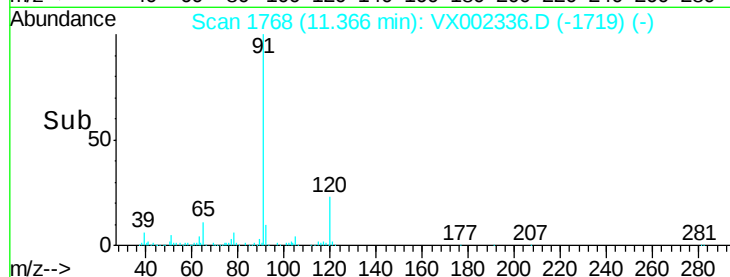
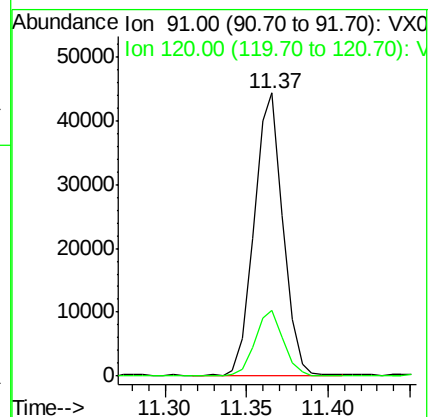
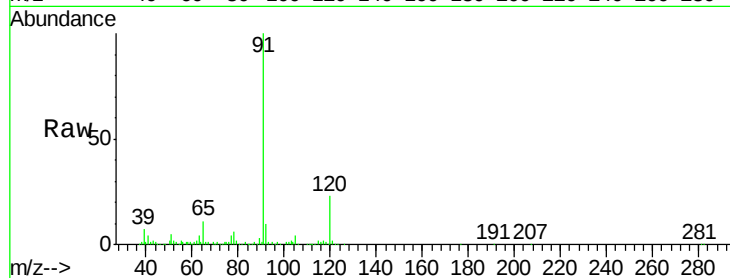
MW-5R

Tgt Ion: 91 Resp: 54027

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4



#79

2-Chlorotoluene

Concen: 6.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002336.D

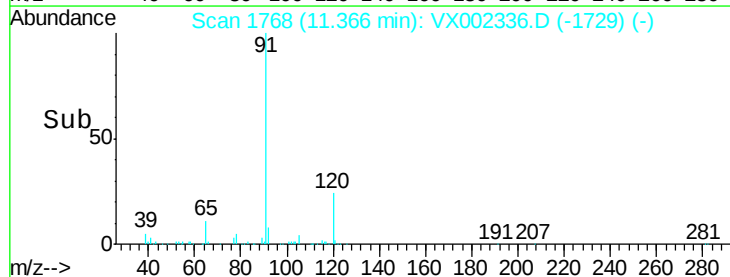
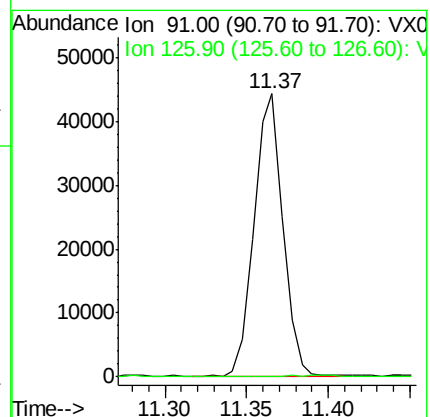
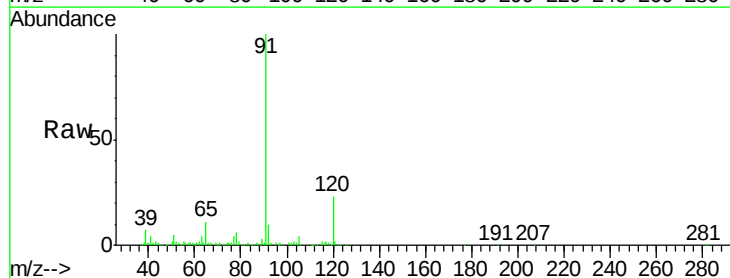
Acq: 06 Jun 2018 05:44

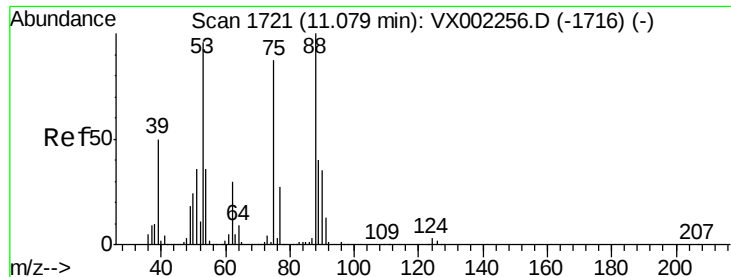
Tgt Ion: 91 Resp: 54027

Ion Ratio Lower Upper

91 100

126 0.4 17.7 53.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 85.19 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

MW-5R

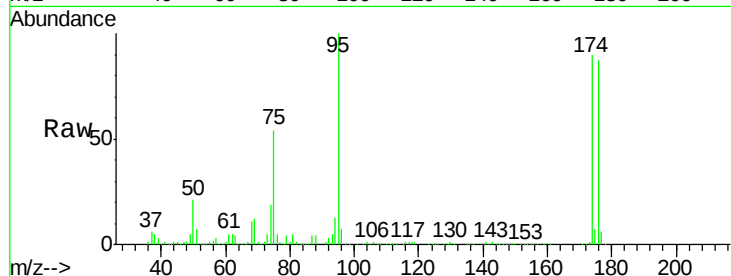
Tgt Ion: 75 Resp: 86726

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

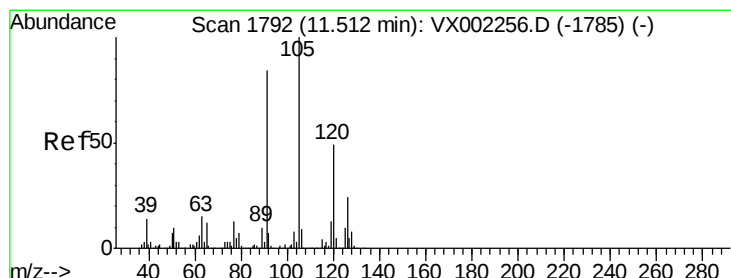
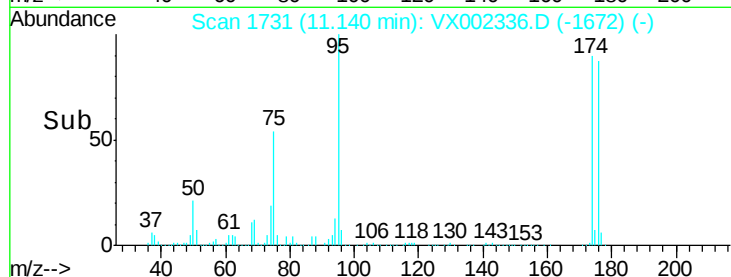
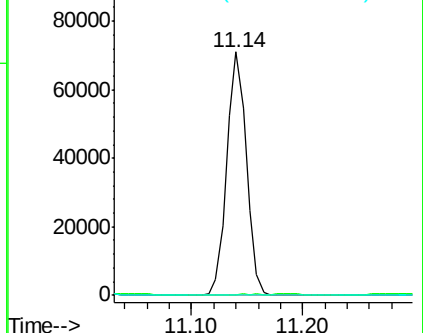
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002336.D

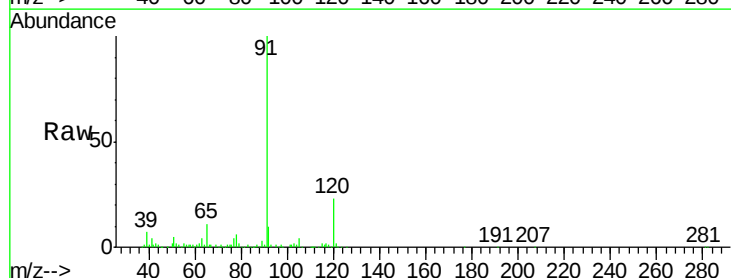
Acq: 06 Jun 2018 05:44

Tgt Ion: 91 Resp: 54027

Ion Ratio Lower Upper

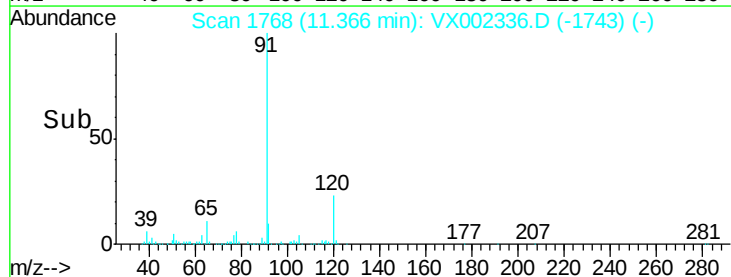
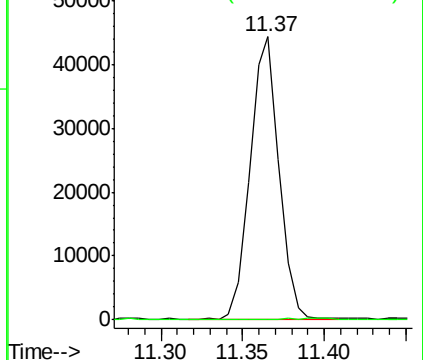
91 100

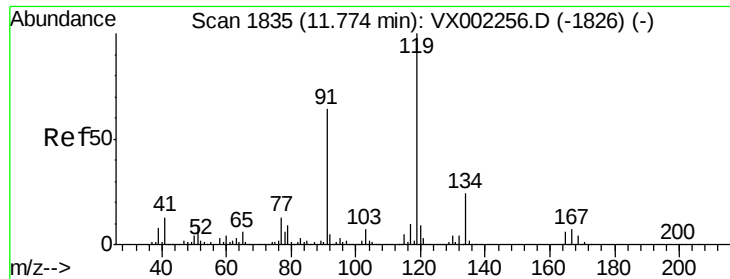
126 0.4 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

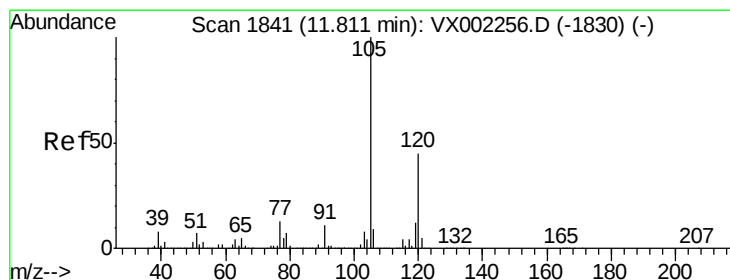
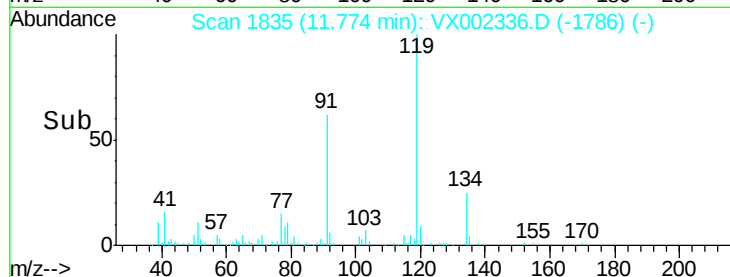
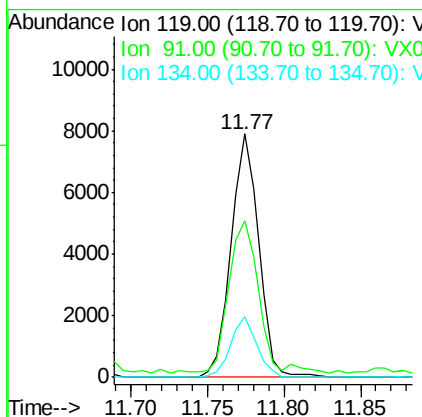
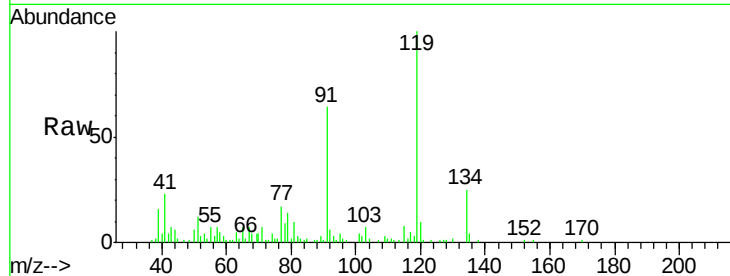




#83
 tert-Butylbenzene
 Concen: 1.05 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002336.D
 Acq: 06 Jun 2018 05:44

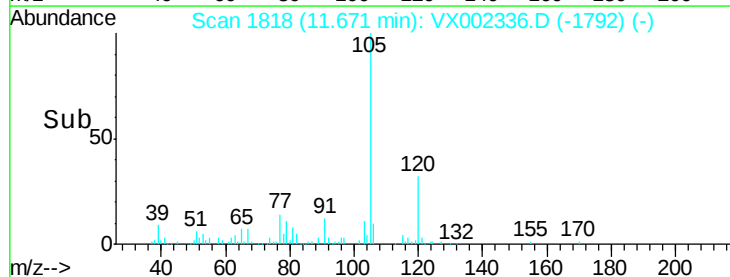
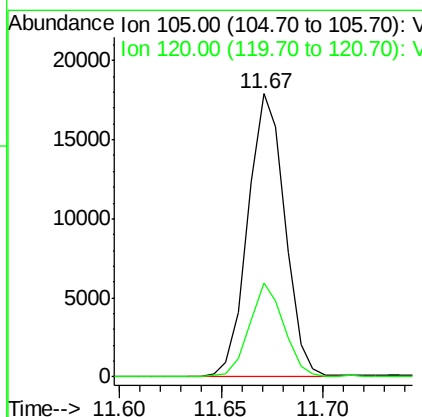
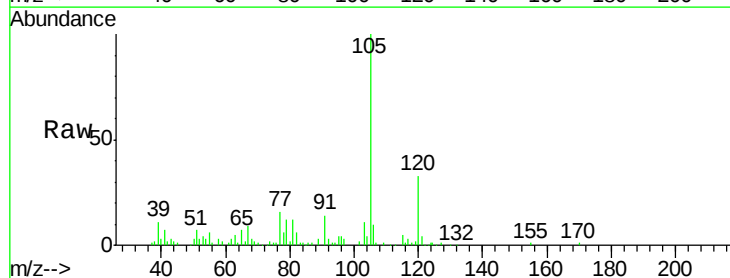
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5R

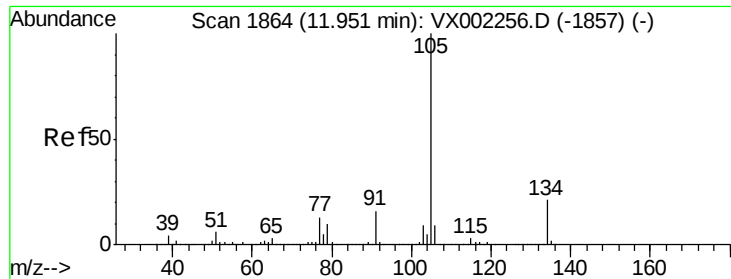
Tgt Ion:119 Resp: 9888
 Ion Ratio Lower Upper
 119 100
 91 63.8 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 2.27 ug/l
 RT: 11.67 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VX002336.D
 Acq: 06 Jun 2018 05:44

Tgt Ion:105 Resp: 22670
 Ion Ratio Lower Upper
 105 100
 120 30.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 3.94 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

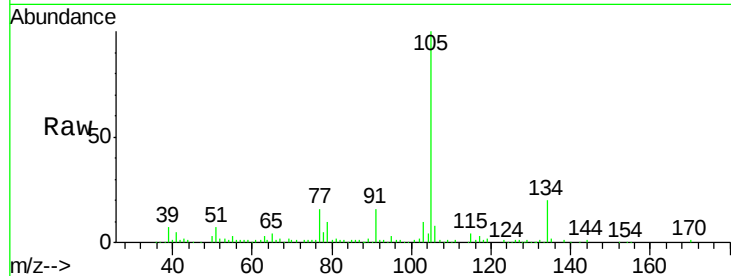
MW-5R

Tgt Ion:105 Resp: 43660

Ion Ratio Lower Upper

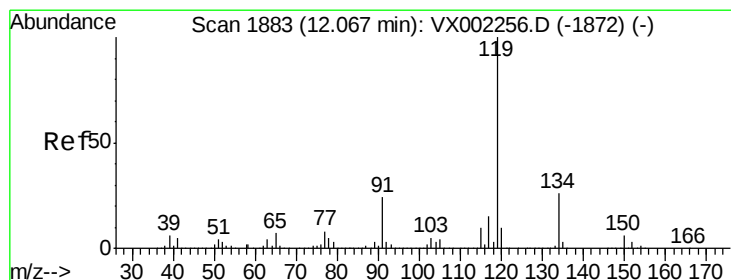
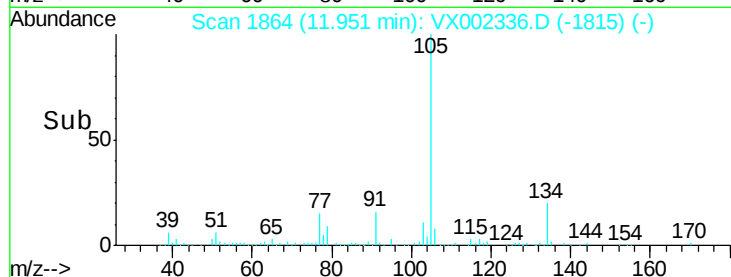
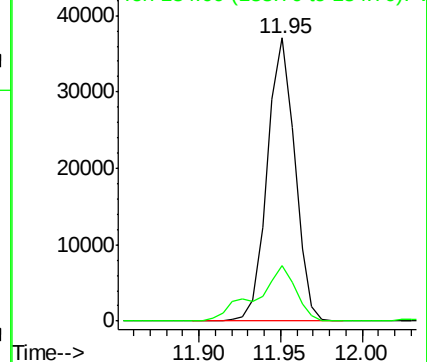
105 100

134 28.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.98 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

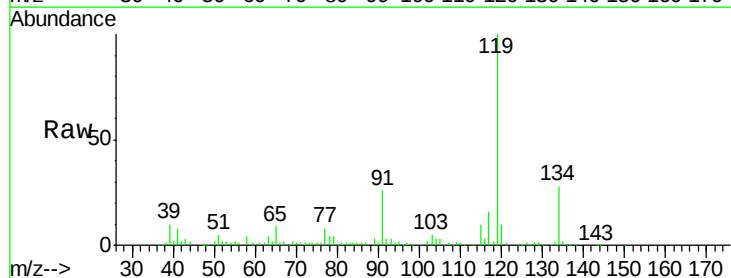
Tgt Ion:119 Resp: 30027

Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.1

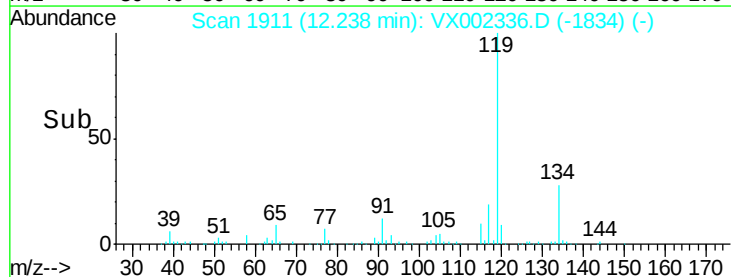
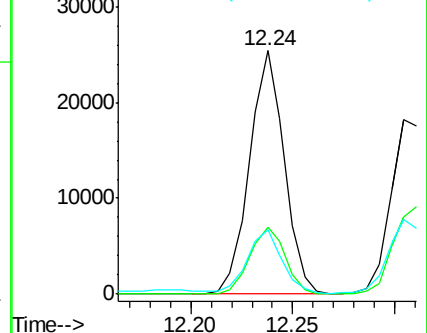
91 26.0 11.9 35.7

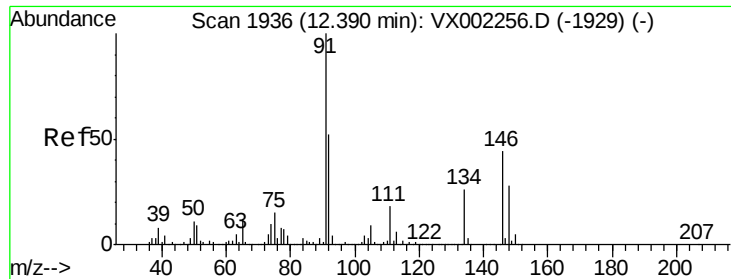


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

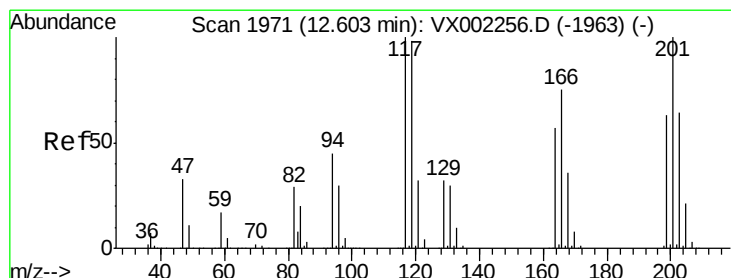
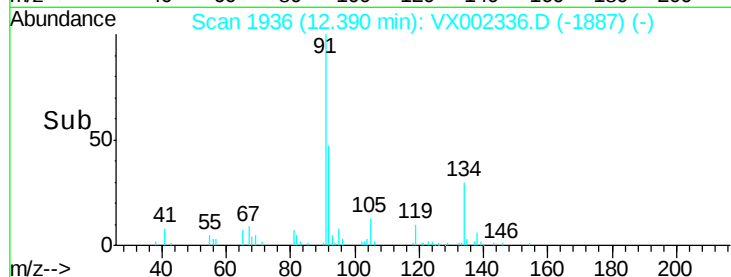
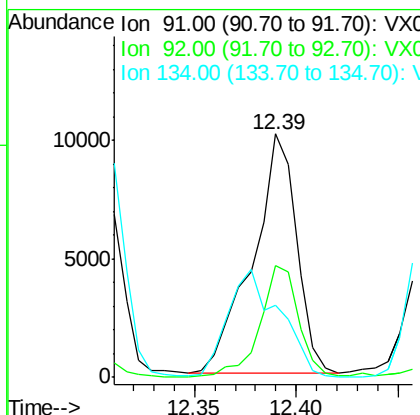
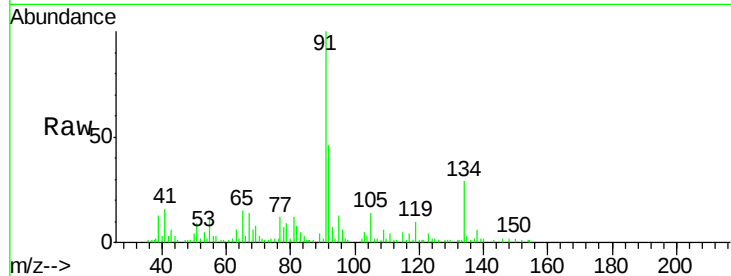




#89
n-Butylbenzene
Concen: 1.80 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

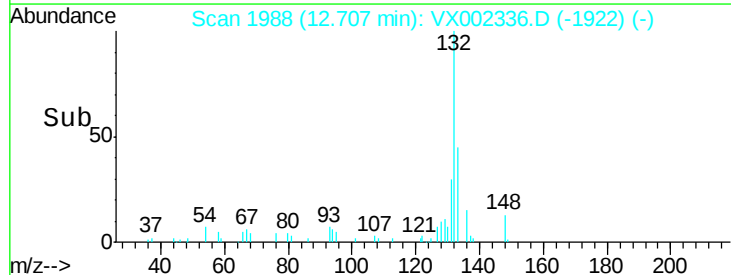
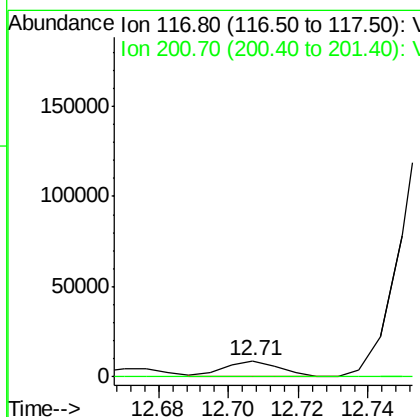
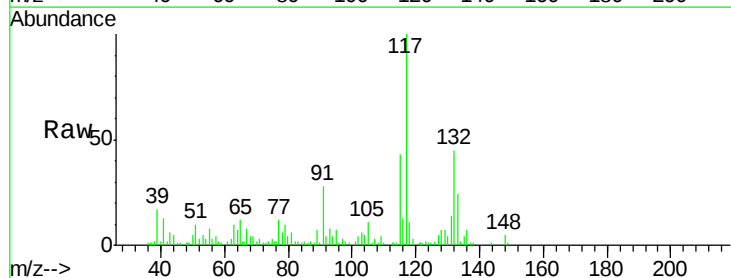
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

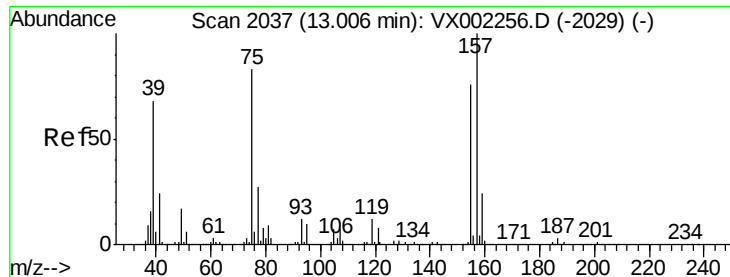
Tgt Ion: 91 Resp: 15212
Ion Ratio Lower Upper
91 100
92 41.5 26.0 78.0
134 53.0 13.5 40.5#



#90
Hexachloroethane
Concen: 5.78 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion: 117 Resp: 9313
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

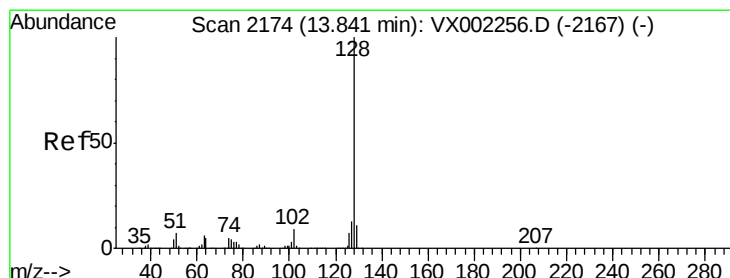
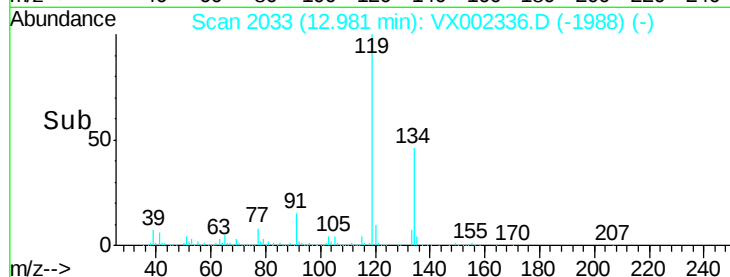
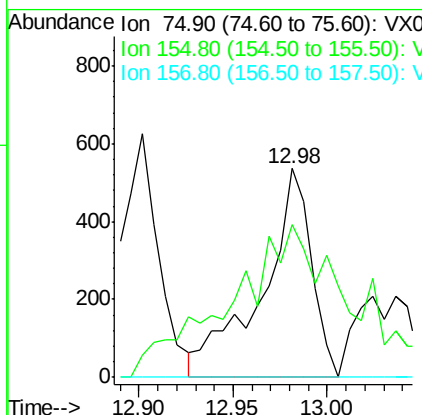
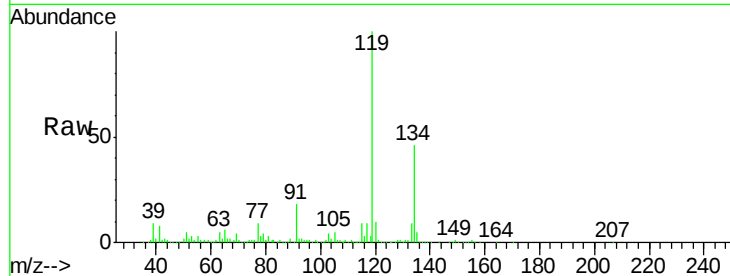




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.24 ug/l
 RT: 12.98 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: VX002336.D
 Acq: 06 Jun 2018 05:44

Instrument :
 MSVOA_X
 ClientSampled :
 MW-5R

Tgt Ion: 75 Resp: 965
 Ion Ratio Lower Upper
 75 100
 155 154.5 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 0.44 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002336.D
 Acq: 06 Jun 2018 05:44

Tgt Ion: 128 Resp: 5227
 Ion Ratio Lower Upper
 128 100
 127 19.9 10.4 15.6#
 129 39.3 8.6 13.0#

