

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 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 03:23:54 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			Recovery	=	96.34%	
35) Dibromofluoromethane	5.51	113	118210	45.09	ug/l	0.00
Spiked Amount			Recovery	=	90.18%	
50) Toluene-d8	8.72	98	479174	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	162895	42.04	ug/l	0.00
Spiked Amount			Recovery	=	84.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2024	Below Cal	#	80
5) Bromomethane	1.65	94	1067	Below Cal	#	97
6) Chloroethane	1.90	64	497	0.26	ug/l	71
8) Diethyl Ether	2.21	74	56	Below Cal	#	1
10) Methyl Iodide	2.52	142	1627	0.47	ug/l	95
11) Tert butyl alcohol	3.07	59	10939	Below Cal	#	85
13) Acrolein	2.30	56	1320	Below Cal	#	14
15) Acrylonitrile	3.14	53	103	Below Cal	#	12
16) Acetone	2.45	43	321220	225.90	ug/l	100
17) Carbon Disulfide	2.57	76	3870	0.60	ug/l	95
18) Methyl Acetate	2.78	43	2183	Below Cal	#	79
19) Methyl tert-butyl Ether	3.20	73	340	Below Cal	#	45
20) Methylene Chloride	2.86	84	236	Below Cal	#	64
22) Diisopropyl ether	3.89	45	39	Below Cal	#	59
25) 2-Butanone	4.71	43	34367	15.28	ug/l	96
28) Bromochloromethane	5.01	49	37	Below Cal	#	13
31) Cyclohexane	5.58	56	11038	2.67	ug/l	91
36) 1,1-Dichloropropene	5.67	75	16691	4.76	ug/l	52
37) Ethyl Acetate	4.71	43	34367	8.15	ug/l	71
38) Carbon Tetrachloride	5.67	117	21393	5.84	ug/l	16
39) Methylcyclohexane	7.46	83	18760	4.57	ug/l	95
40) Benzene	6.15	78	36611	3.41	ug/l	96
43) Isopropyl Acetate	6.46	43	2661	0.37	ug/l	67
48) Methyl methacrylate	7.74	41	1235	0.34	ug/l	77
51) 4-Methyl-2-Pentanone	8.66	43	3871	0.87	ug/l	97
52) Toluene	8.79	92	1516	0.22	ug/l	95
55) 1,1,2-Trichloroethane	9.17	97	3145	1.12	ug/l	19
59) 2-Hexanone	9.51	43	2689	0.78	ug/l	66
67) Ethyl Benzene	10.26	91	2916	0.23	ug/l	81
69) o-Xylene	10.70	106	1095	0.23	ug/l	98
73) Isopropylbenzene	11.02	105	35499	3.17	ug/l	99
74) N-amyl acetate	6.46	43	2661	0.44	ug/l	59
75) 1,1,2,2-Tetrachloroethane	11.28	83	3142	0.89	ug/l	26
76) 1,2,3-Trichloropropane	11.14	75	88225	25.01	ug/l	32

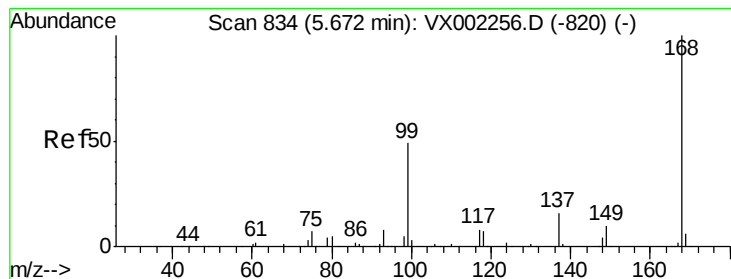
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002356.D
 Acq On : 06 Jun 2018 16:49
 Operator : JC/MD
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Quant Time: Jun 07 03:23:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.37	91	56800	4.57	ug/l	100
79) 2-Chlorotoluene	11.37	91	56800	7.24	ug/l #	44
81) trans-1,4-Dichloro-2-buten	11.14	75	88225	87.67	ug/l #	7
82) 4-Chlorotoluene	11.37	91	56800	6.27	ug/l #	49
83) tert-Butylbenzene	11.77	119	4795	0.51	ug/l	75
84) 1,2,4-Trimethylbenzene	11.67	105	9930	1.01	ug/l	80
85) sec-Butylbenzene	11.95	105	22059	2.01	ug/l	81
86) p-Isopropyltoluene	12.24	119	19062	1.91	ug/l	93
89) n-Butylbenzene	12.39	91	20169	2.41	ug/l #	73
90) Hexachloroethane	12.67	117	17110	10.75	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1323	1.72	ug/l #	1
95) Naphthalene	13.84	128	25141	2.15	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.04	180	2053	0.49	ug/l #	1

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



#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 :

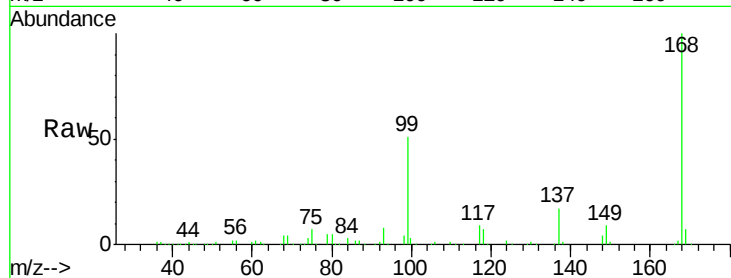
MW-05

Tot Ion:168 Resp: 229330

Ion Ratio Lower Upper

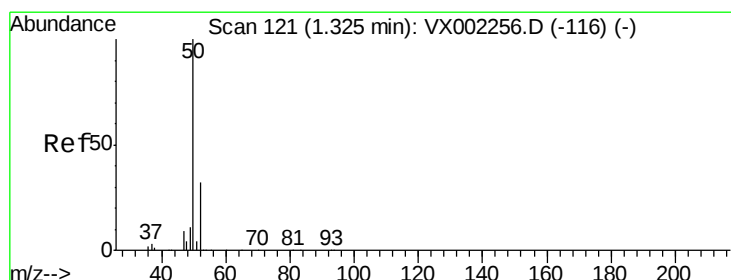
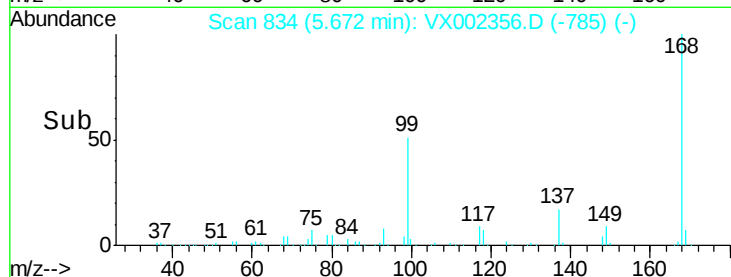
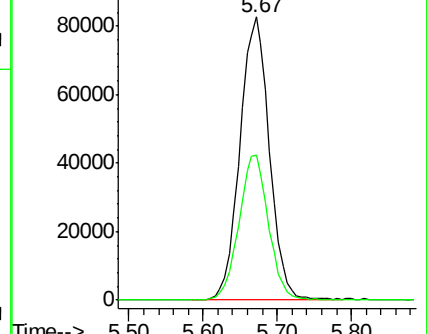
168 100

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



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002356.D

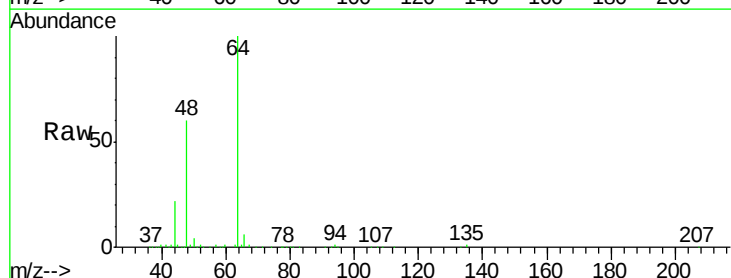
Acq: 06 Jun 2018 16:49

Tgt Ion: 50 Resp: 2024

Ion Ratio Lower Upper

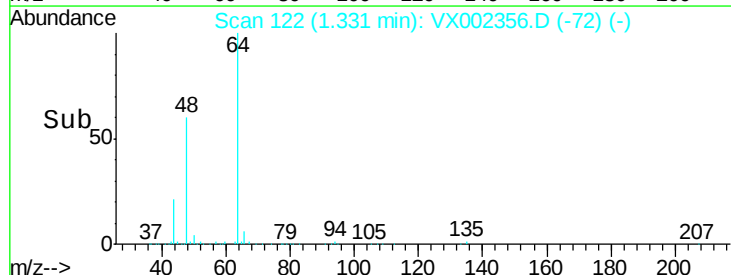
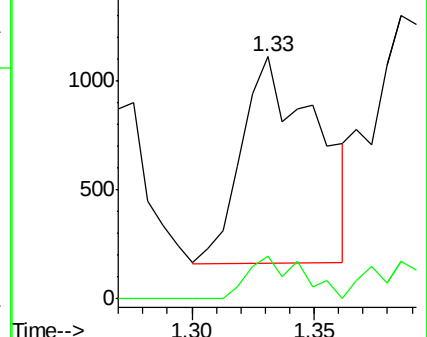
50 100

52 20.7 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: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampled :

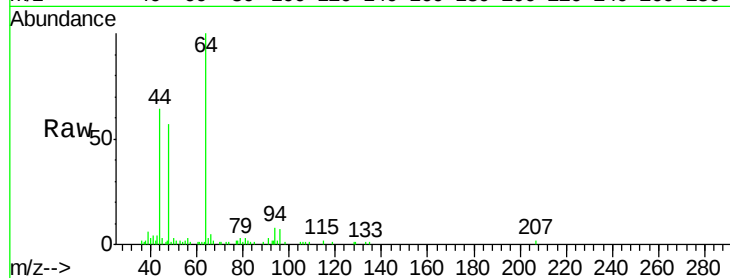
MW-05

Tot Ion: 94 Resp: 1067

Ion Ratio Lower Upper

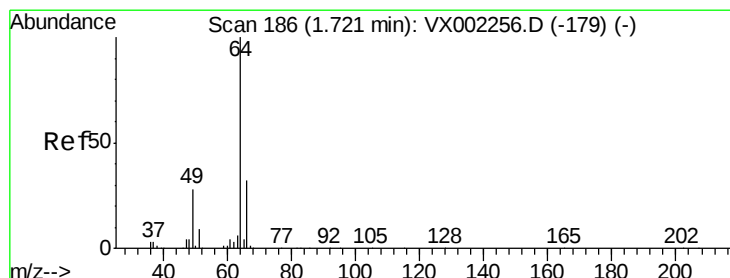
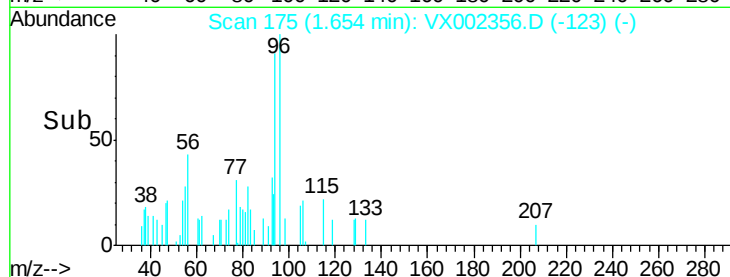
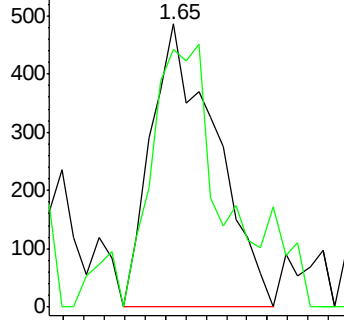
94 100

96 90.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.26 ug/l

RT: 1.90 min Scan# 215

Delta R.T. 0.18 min

Lab File: VX002356.D

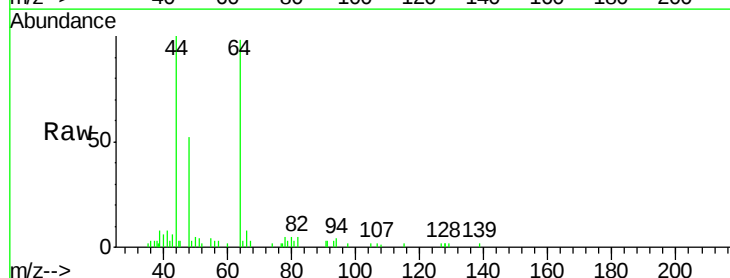
Acq: 06 Jun 2018 16:49

Tgt Ion: 64 Resp: 497

Ion Ratio Lower Upper

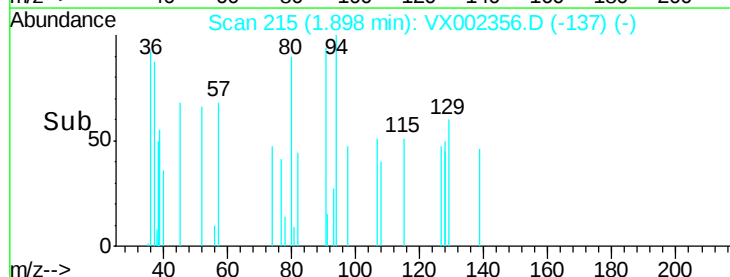
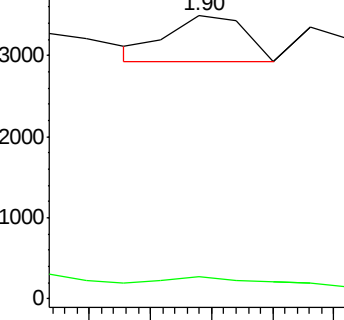
64 100

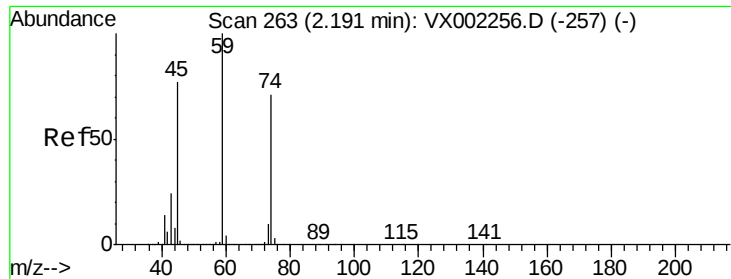
66 15.8 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: Below Cal

RT: 2.21 min Scan# 267

Delta R.T. 0.02 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

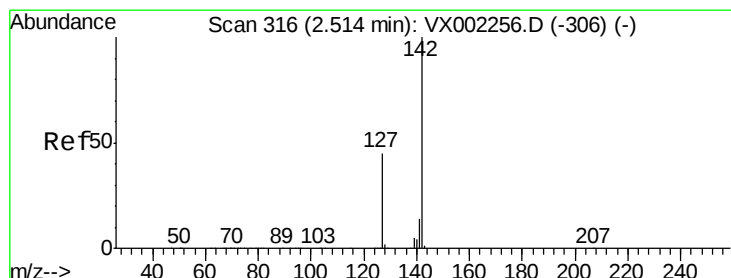
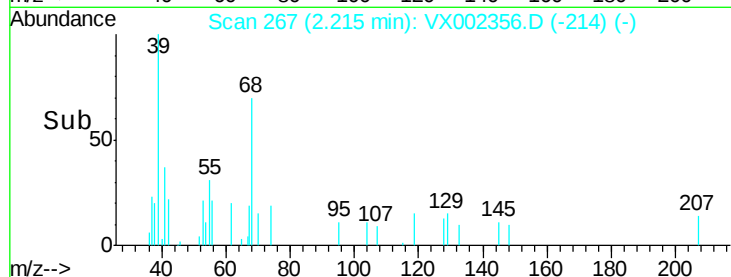
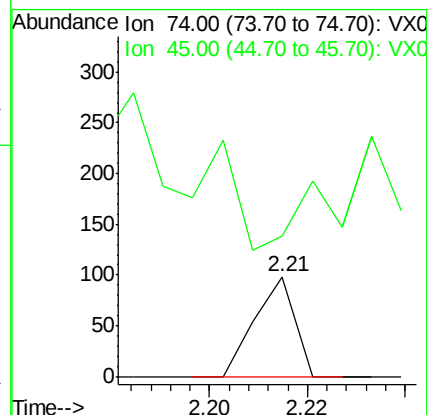
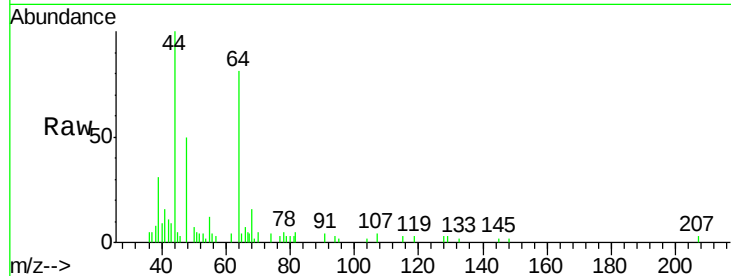
MW-05

Tot Ion: 74 Resp: 56

Ion Ratio Lower Upper

74 100

45 0.0 53.1 159.4#



#10

Methyl Iodide

Concen: 0.47 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

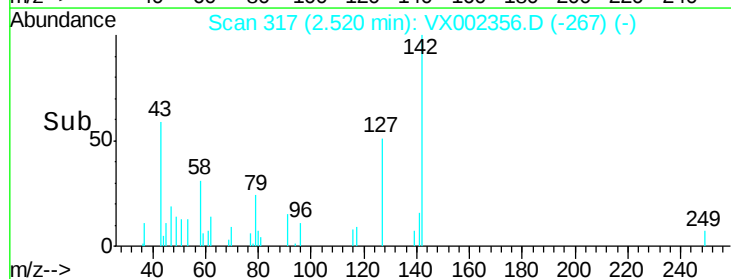
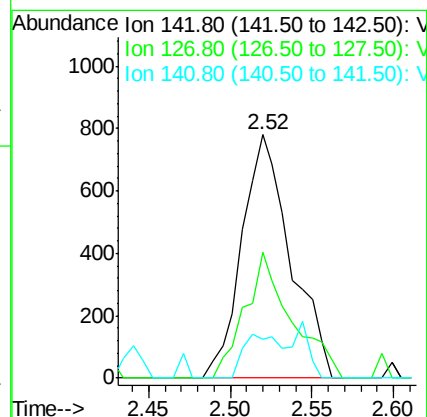
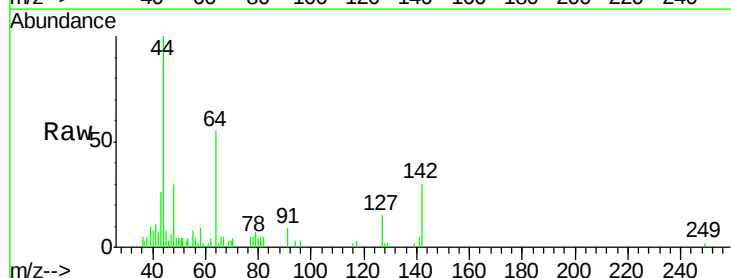
Tgt Ion: 142 Resp: 1627

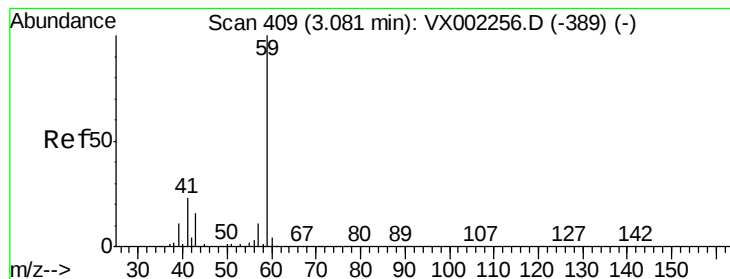
Ion Ratio Lower Upper

142 100

127 49.4 36.6 55.0

141 13.2 11.3 16.9



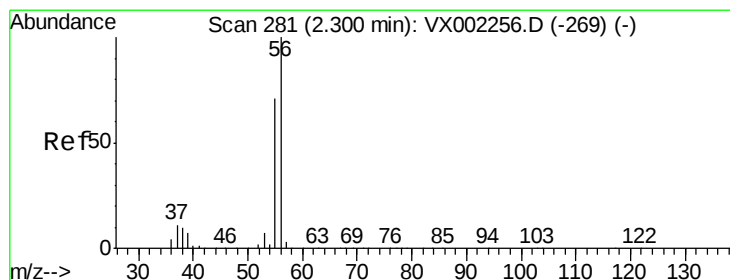
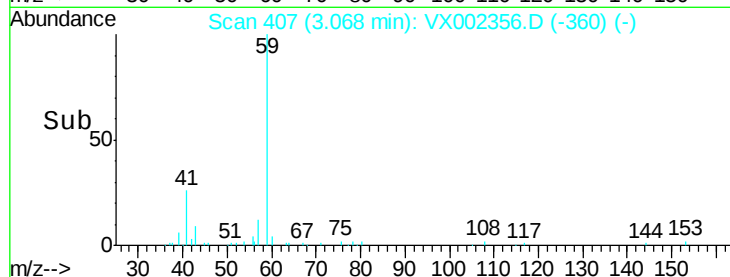
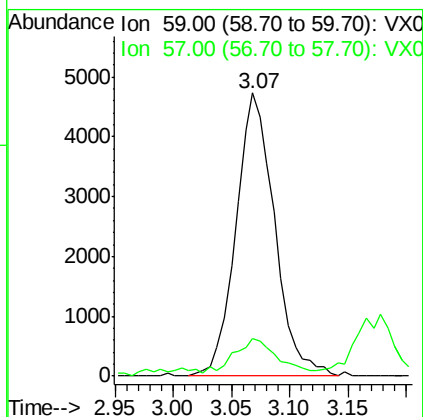
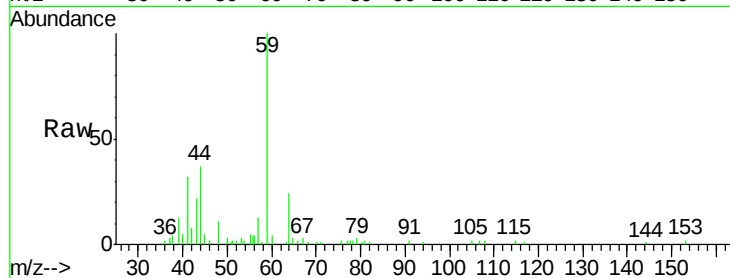


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Instrument :
MSVOA_X
ClientSampled :
MW-05

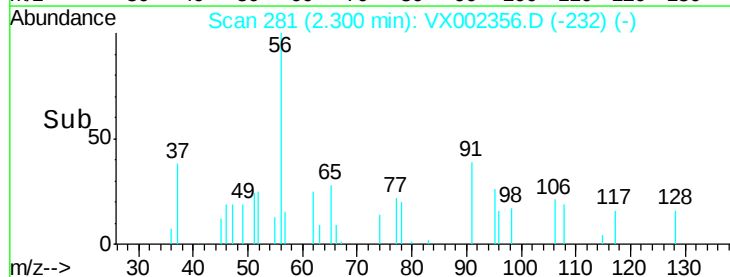
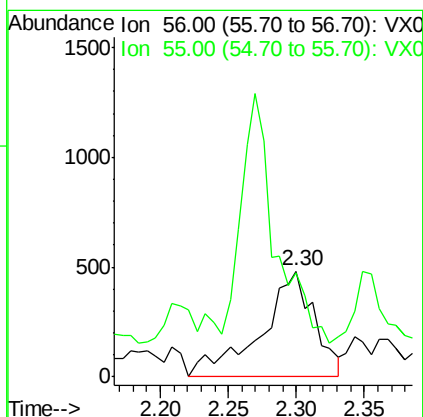
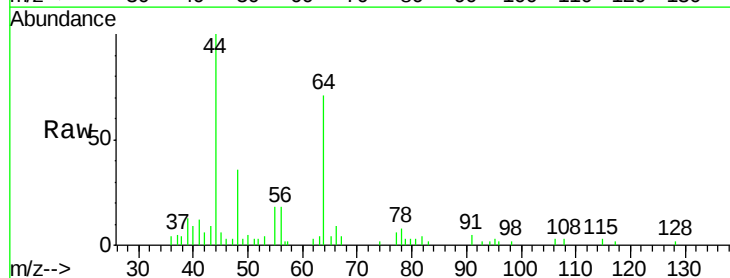
Tot Ion: 59 Resp: 10939
Ion Ratio Lower Upper
59 100
57 15.9 8.2 12.2#

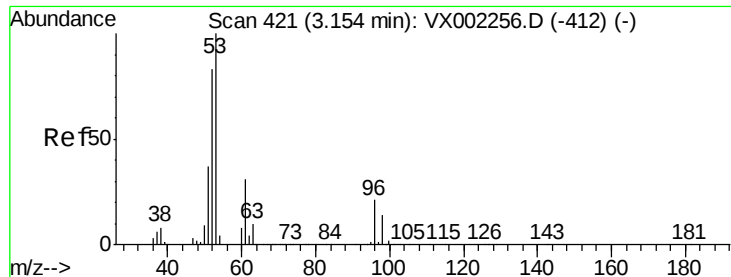


#13

Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion: 56 Resp: 1320
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampled :

MW-05

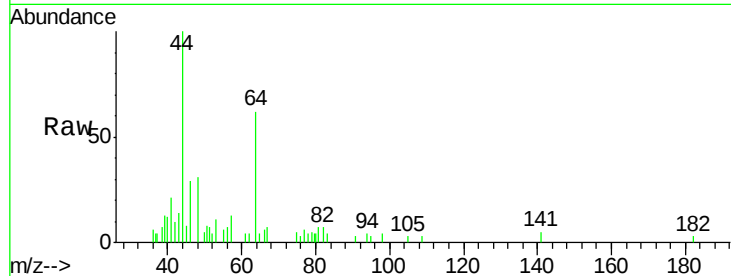
Tot Ion: 53 Resp: 103

Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

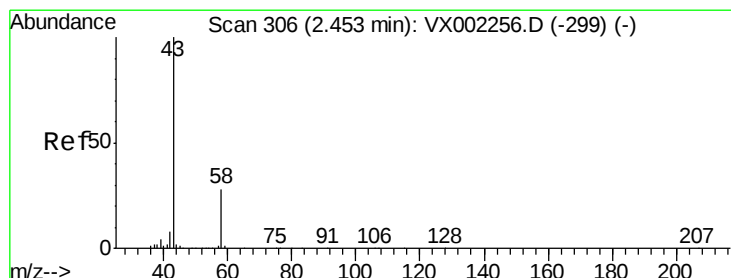
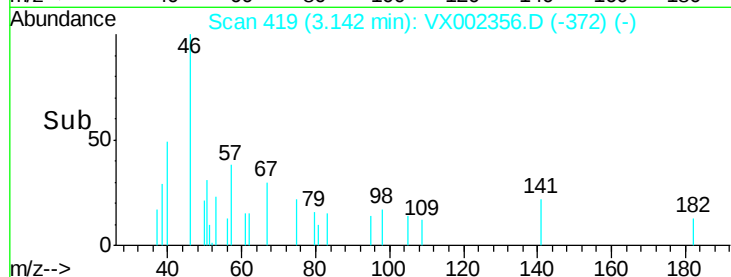
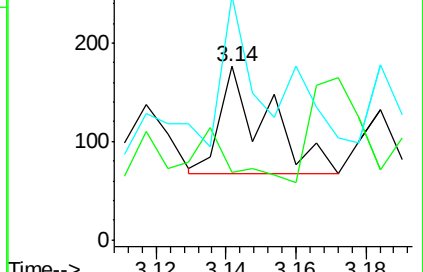
51 83.5 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 225.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002356.D

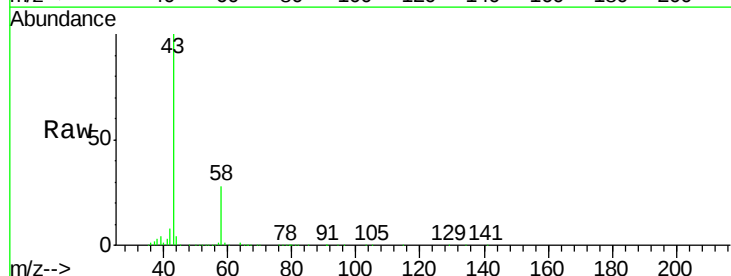
Acq: 06 Jun 2018 16:49

Tgt Ion: 43 Resp: 321220

Ion Ratio Lower Upper

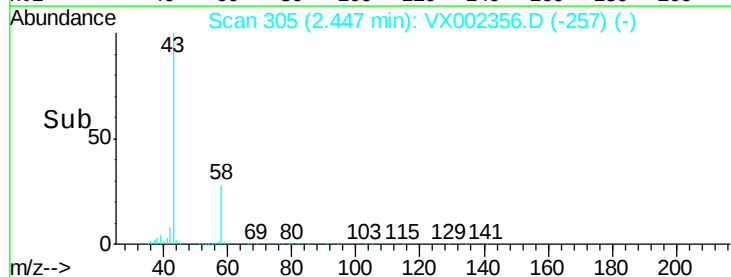
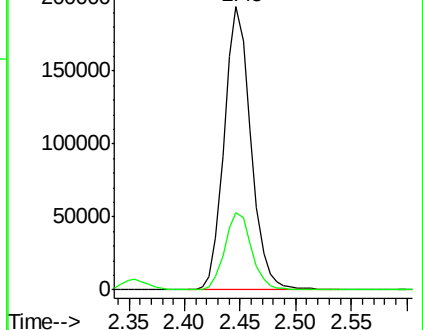
43 100

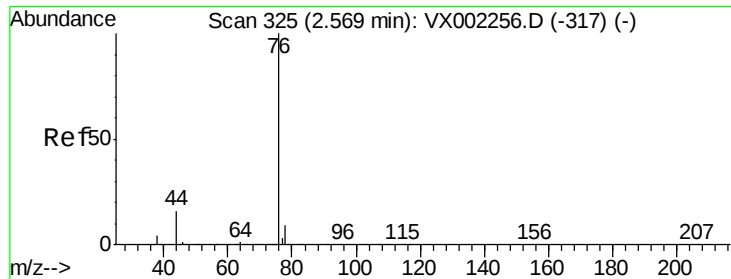
58 27.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

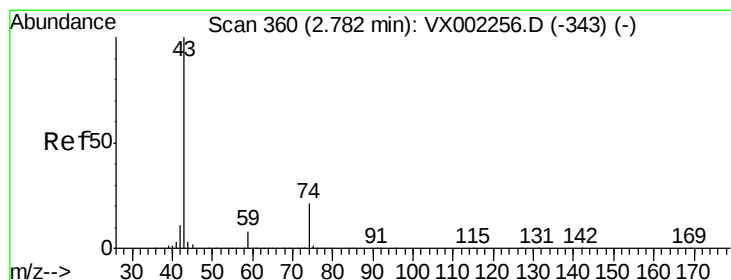
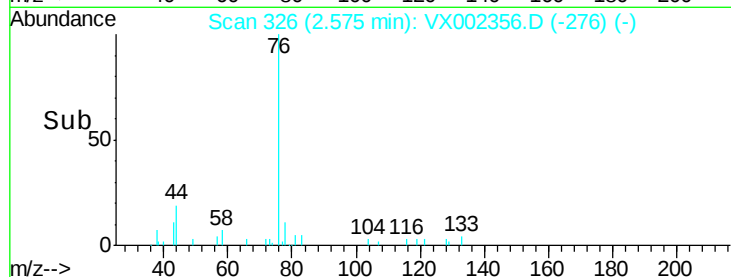
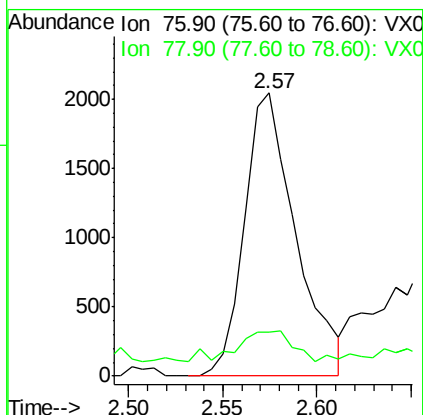
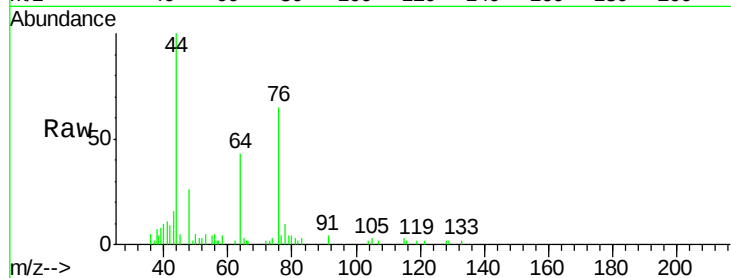




#17
Carbon Disulfide
Concen: 0.60 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

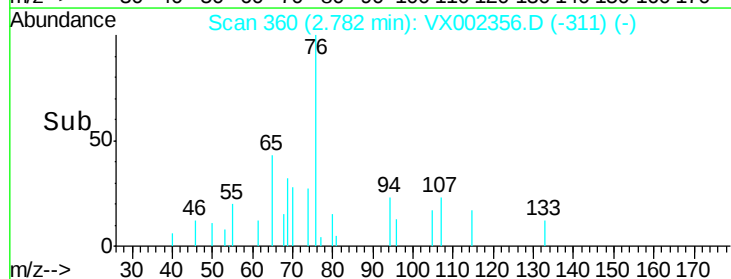
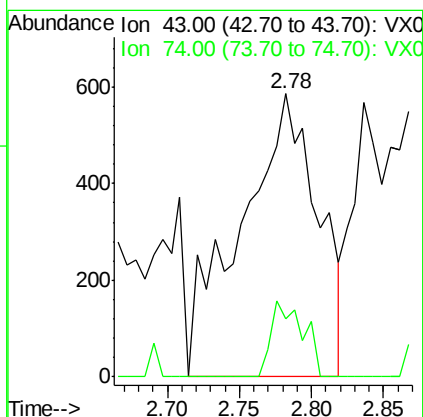
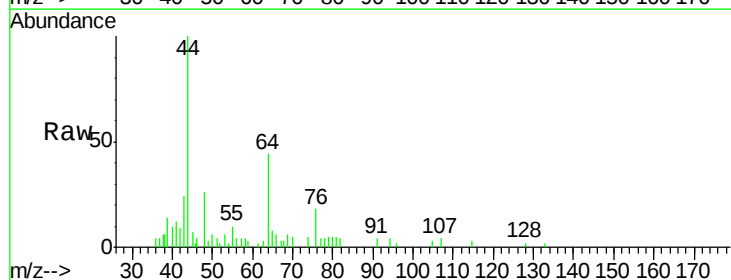
Instrument :
MSVOA_X
ClientSampleId :
MW-05

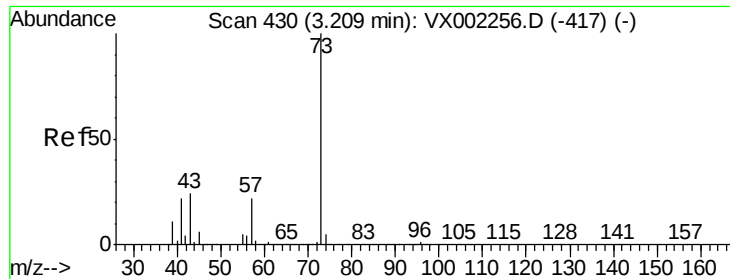
Tot Ion: 76 Resp: 3870
Ion Ratio Lower Upper
76 100
78 10.4 6.9 10.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
74 11.0 16.7 25.1#

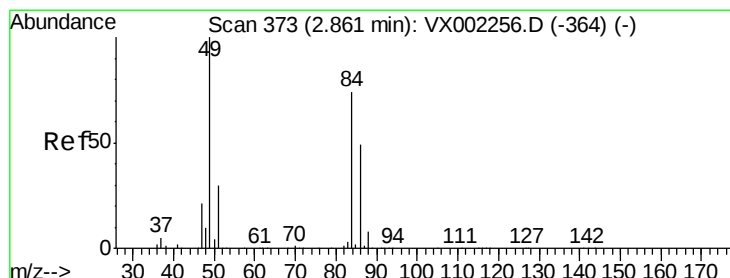
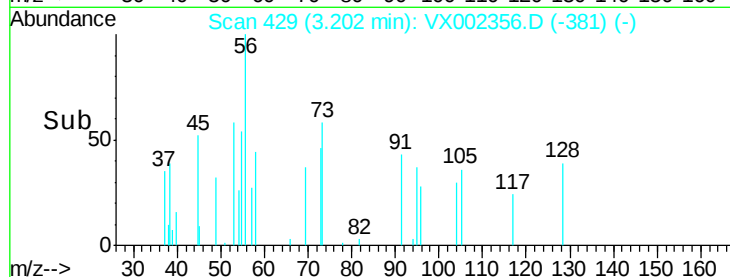
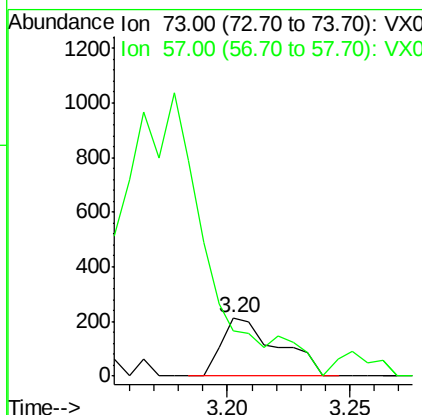
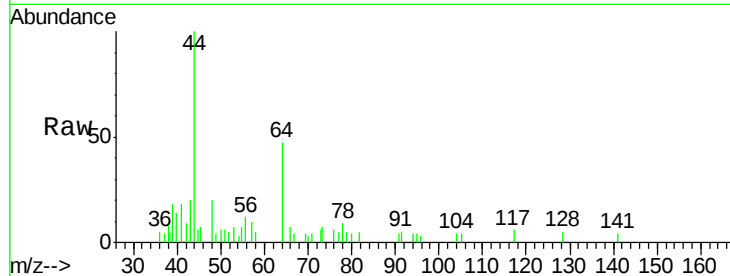




#19
Methvl tert-butvl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

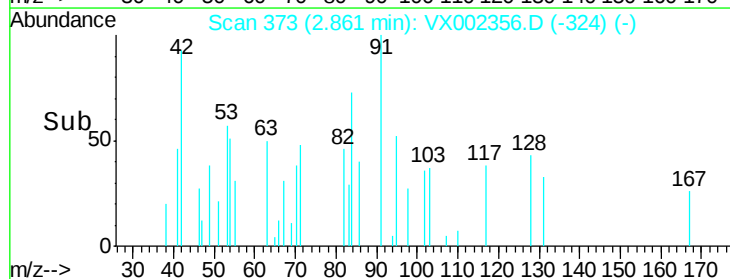
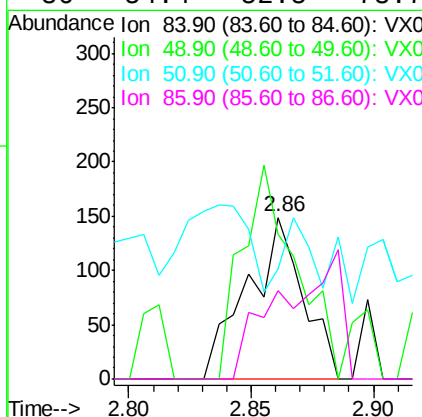
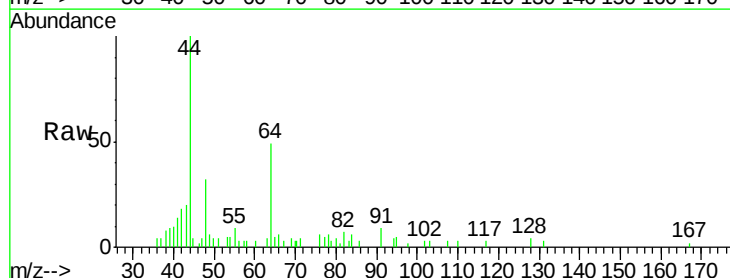
Instrument :
MSVOA_X
ClientSampleId :
MW-05

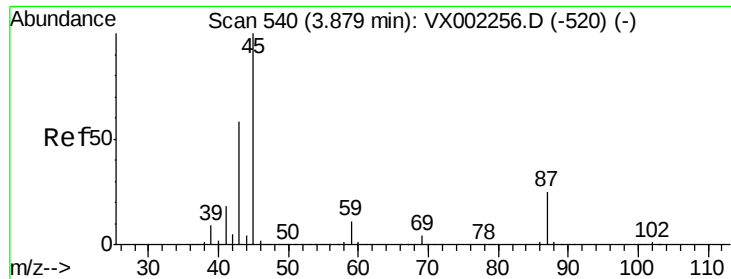
Tot Ion: 73 Resp: 340
Ion Ratio Lower Upper
73 100
57 48.4 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion: 84 Resp: 236
Ion Ratio Lower Upper
84 100
49 89.3 107.8 161.6#
51 0.0 32.8 49.2#
86 54.4 52.5 78.7



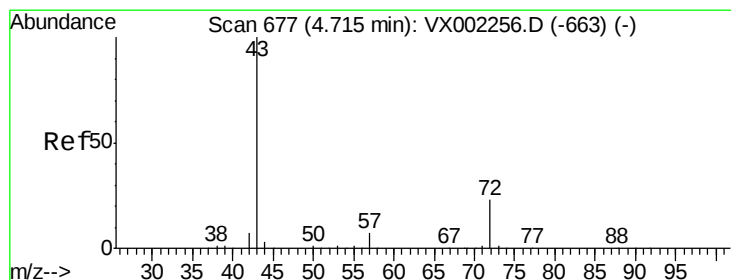
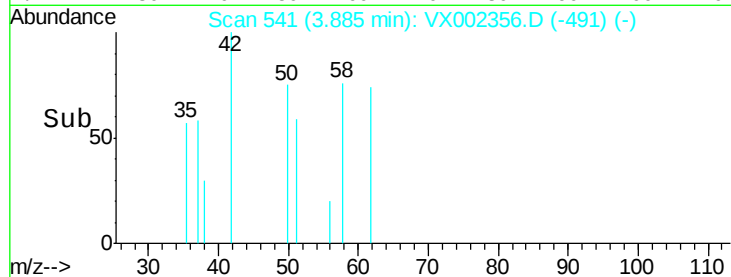
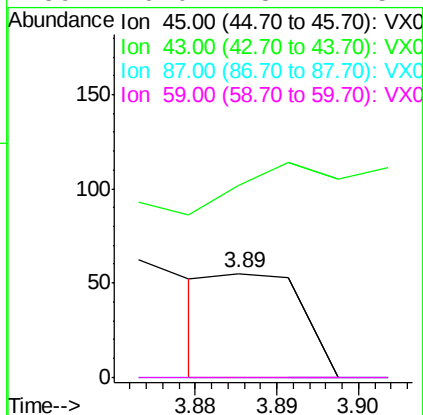
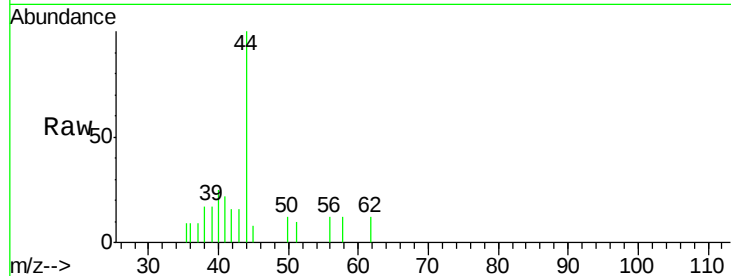


#22

Diisopropyl ether
 Concen: Below Cal
 RT: 3.89 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

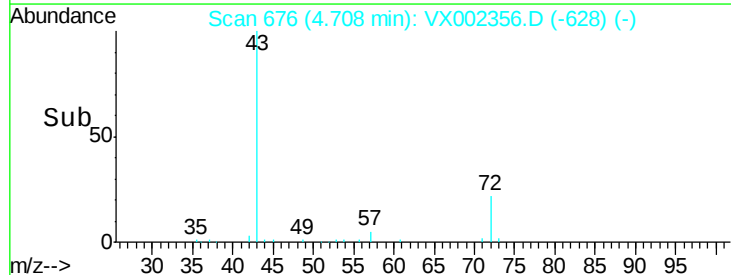
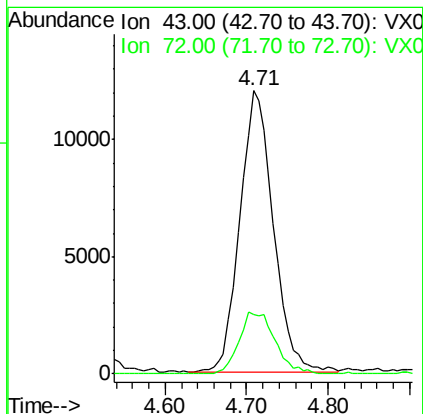
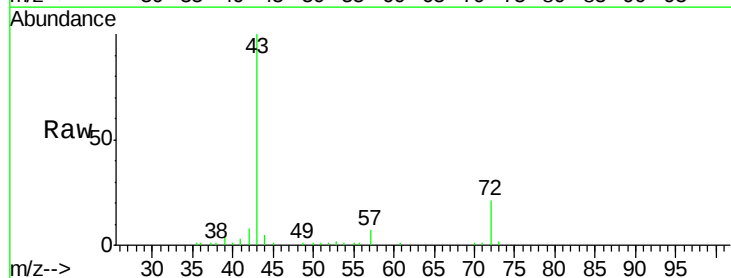
Tot Ion:	45	Resp:	39
Ion	Ratio	Lower	Upper
45	100		
43	29.1	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

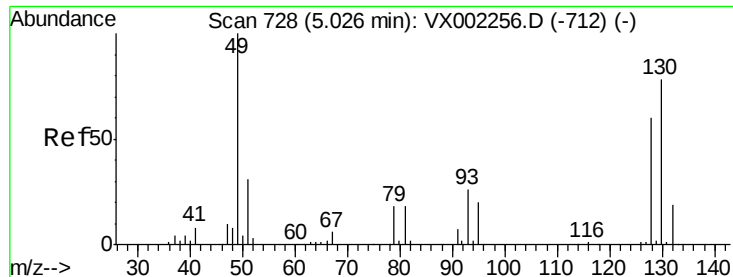


#25

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

Tgt Ion:	43	Resp:	34367
Ion	Ratio	Lower	Upper
43	100		
72	21.1	18.5	27.7





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

MW-05

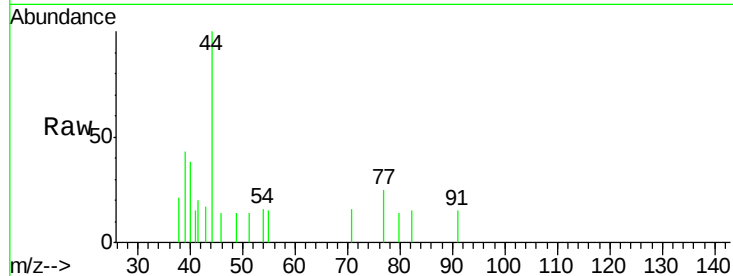
Tot Ion: 49 Resp: 37

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

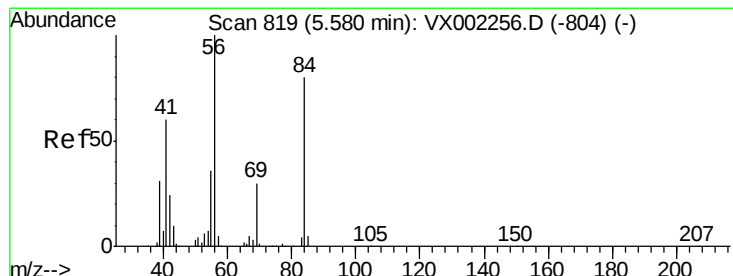
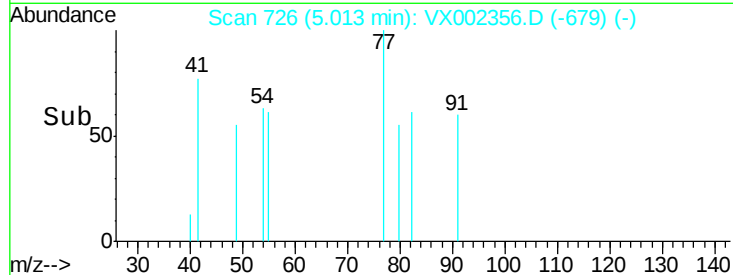
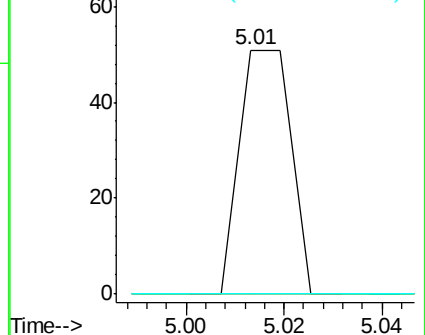
130 0.0 61.2 91.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#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

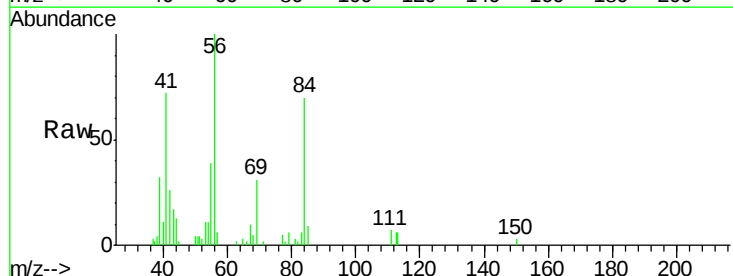
Tgt Ion: 56 Resp: 11038

Ion Ratio Lower Upper

56 100

69 30.5 23.7 35.5

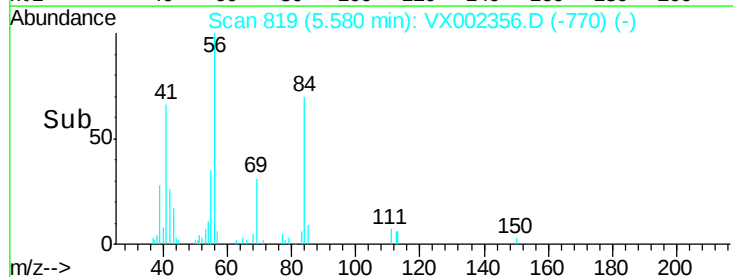
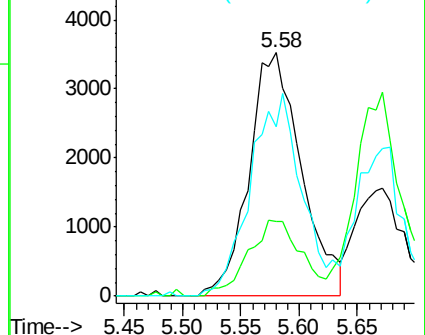
84 69.5 64.1 96.1

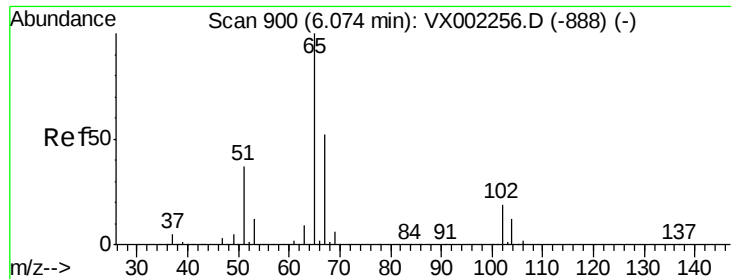


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

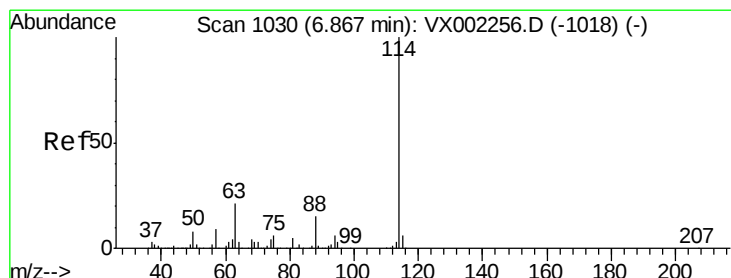
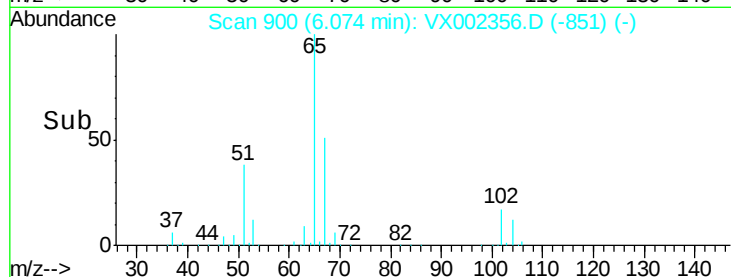
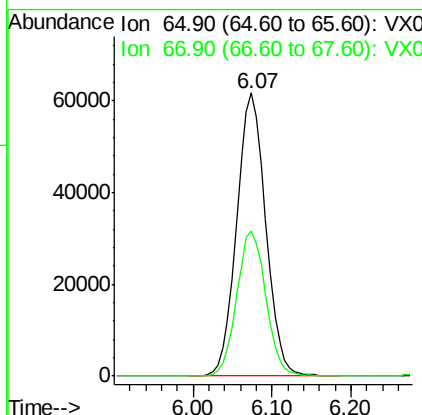
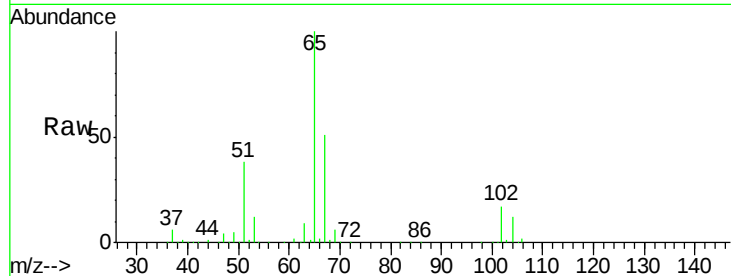




#33
 1,2-Dichloroethane-d4
 Concen: 48.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

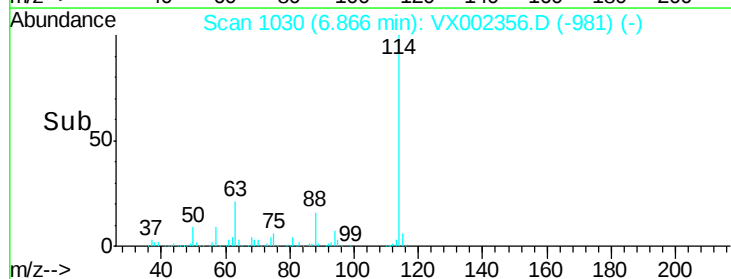
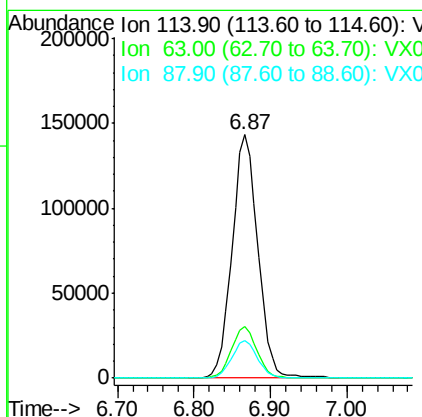
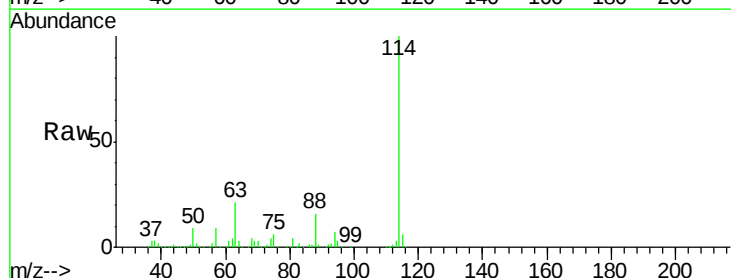
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

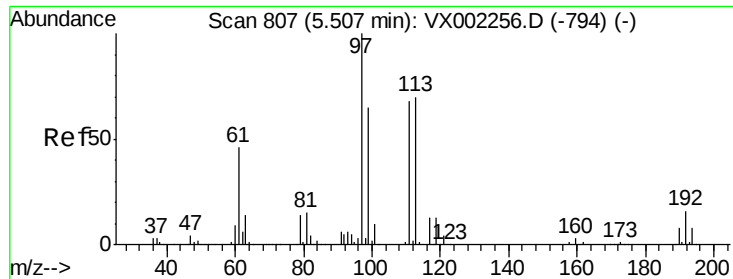
Tot Ion: 65 Resp: 158370
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#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

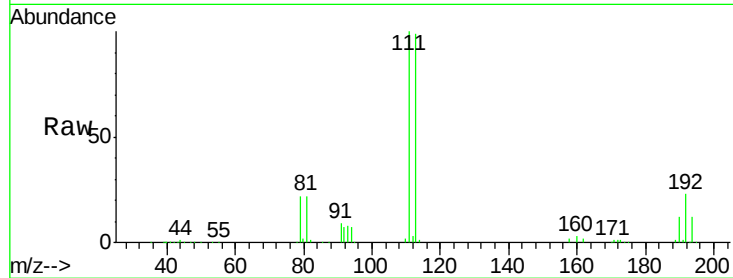
Tot Ion:113 Resp: 118210

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

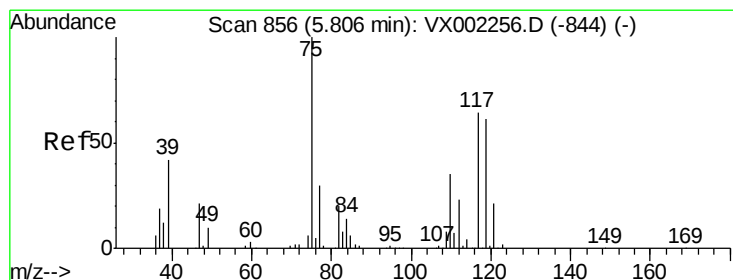
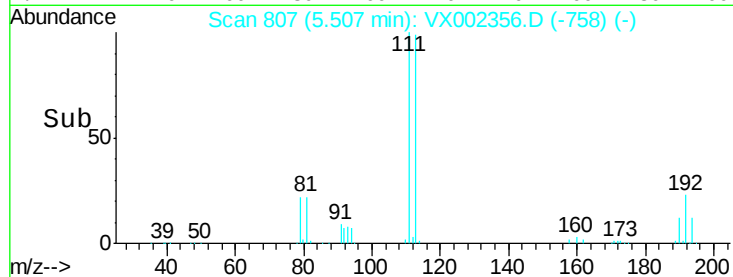
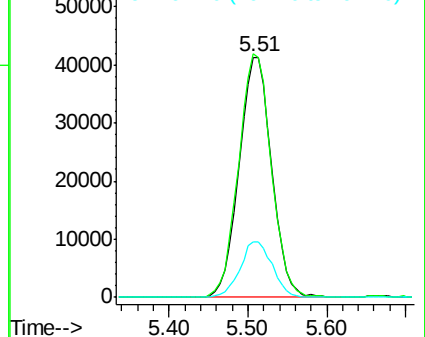
192 23.1 19.1 28.7



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: 4.76 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

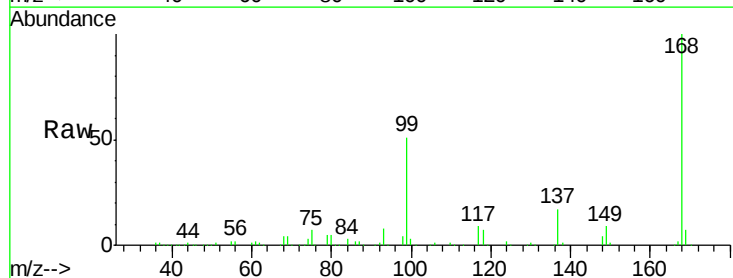
Tgt Ion: 75 Resp: 16691

Ion Ratio Lower Upper

75 100

110 11.2 18.1 54.4#

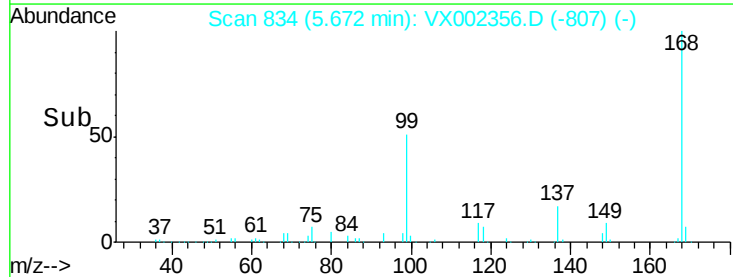
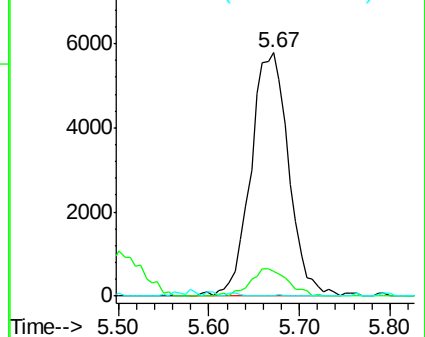
77 0.1 24.3 36.5#

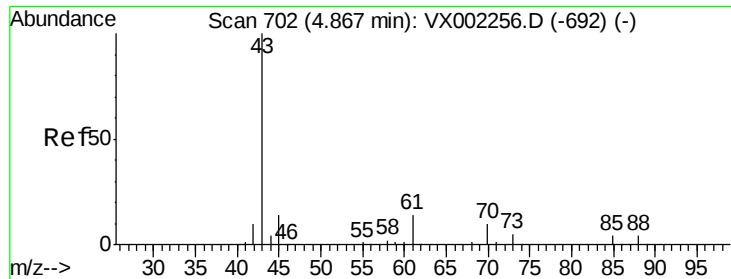


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

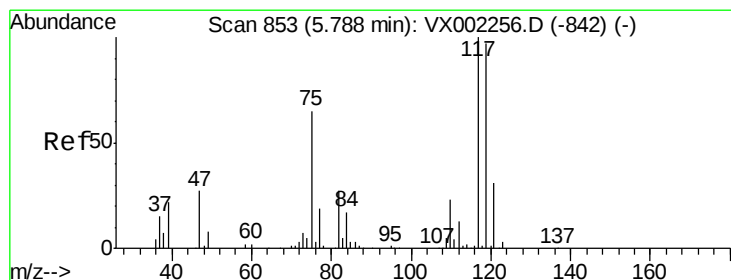
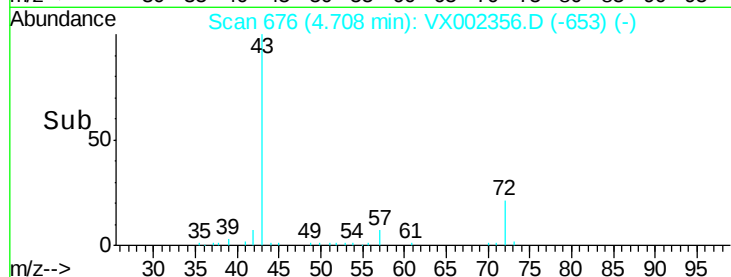
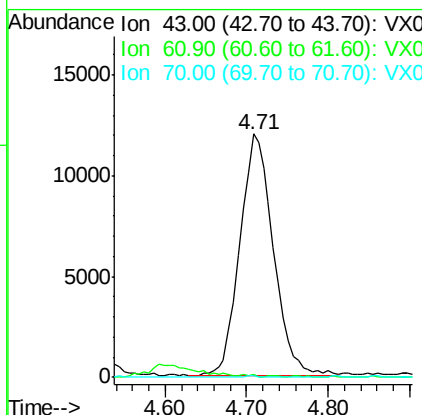
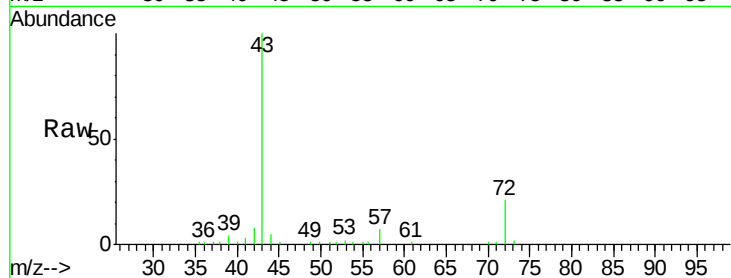




#37
Ethyl Acetate
Concen: 8.15 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.16 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

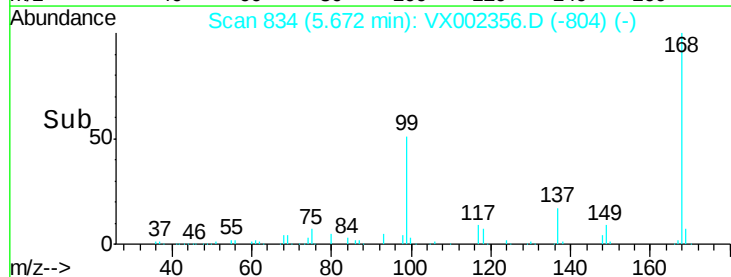
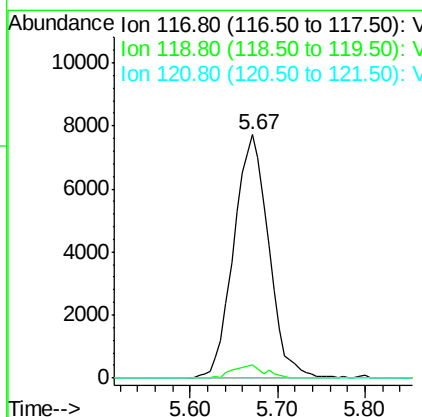
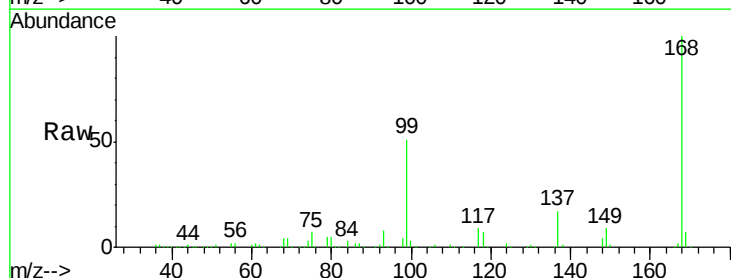
Instrument :
MSVOA_X
ClientSampleId :
MW-05

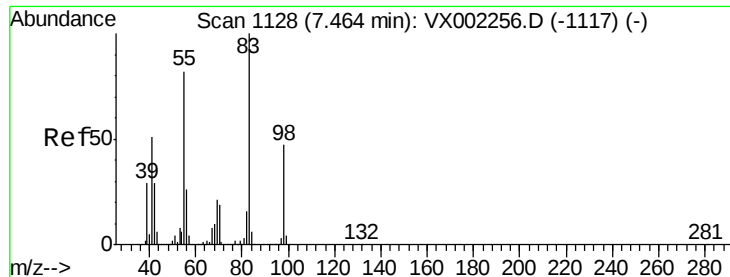
Tot Ion: 43 Resp: 34367
Ion Ratio Lower Upper
43 100
61 0.4 10.4 15.6#
70 0.2 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion: 117 Resp: 21393
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 24.4 36.6#

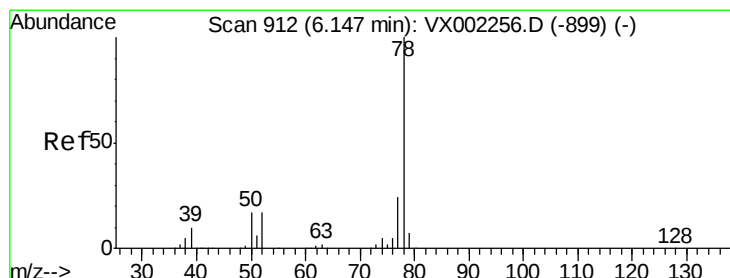
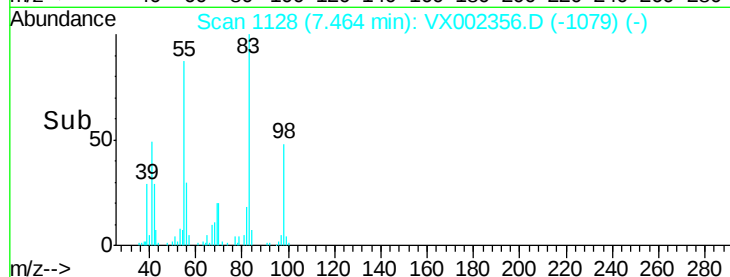
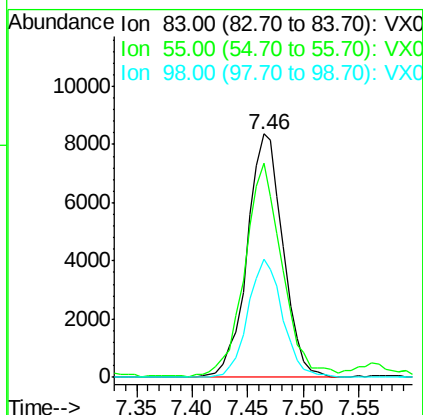
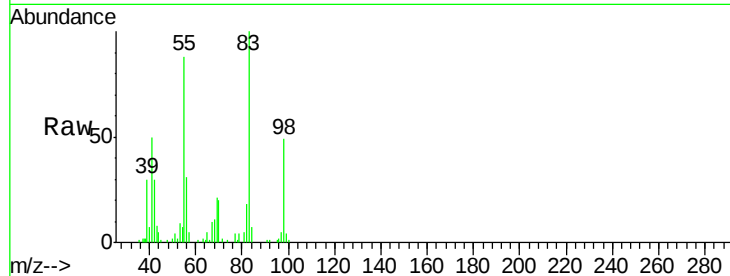




#39
Methvlcvclohexane
Concen: 4.57 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

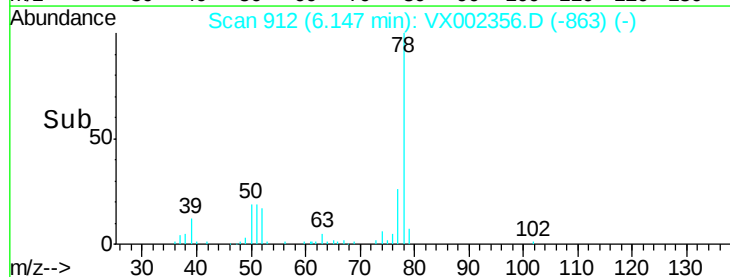
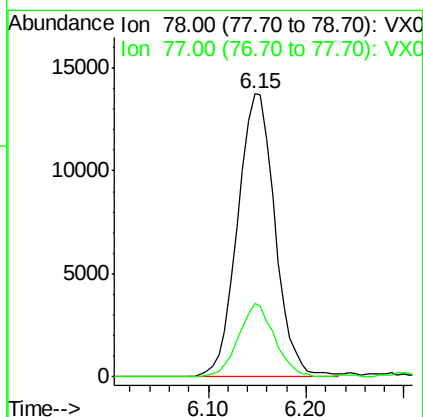
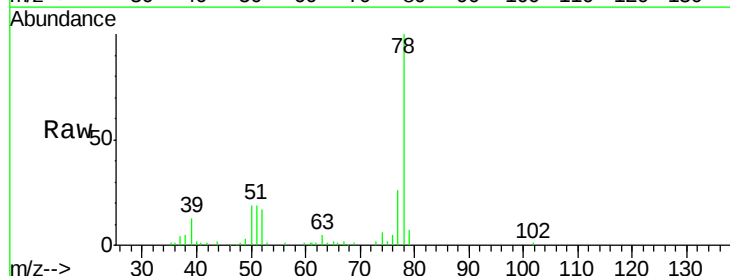
Instrument :
MSVOA_X
ClientSampled :
MW-05

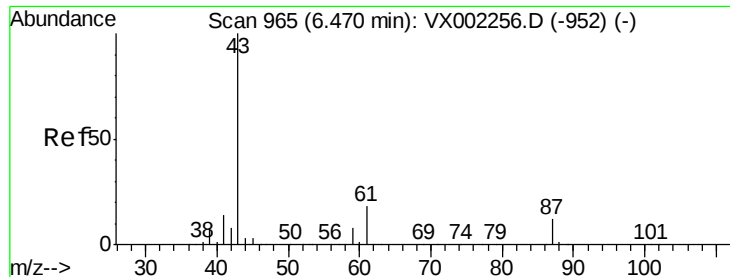
Tot Ion: 83 Resp: 18760
Ion Ratio Lower Upper
83 100
55 87.7 65.4 98.0
98 48.6 37.4 56.0



#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

Tgt Ion: 78 Resp: 36611
Ion Ratio Lower Upper
78 100
77 25.8 19.1 28.7





#43

Isopropyl Acetate

Concen: 0.37 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampled :

MW-05

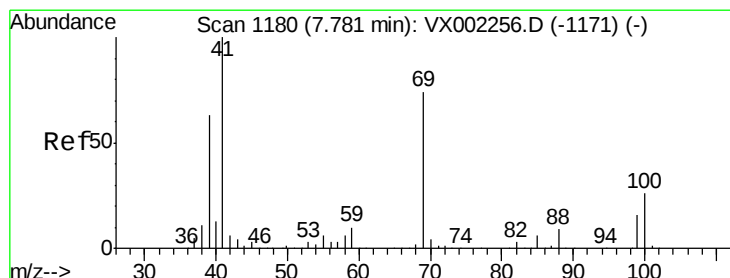
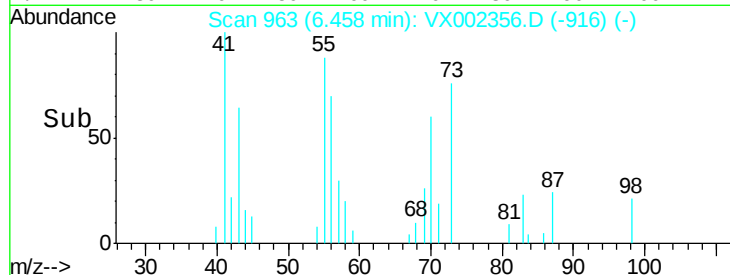
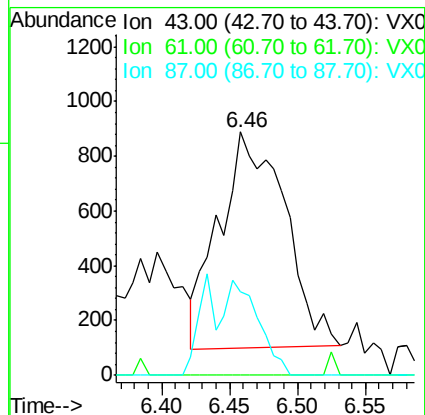
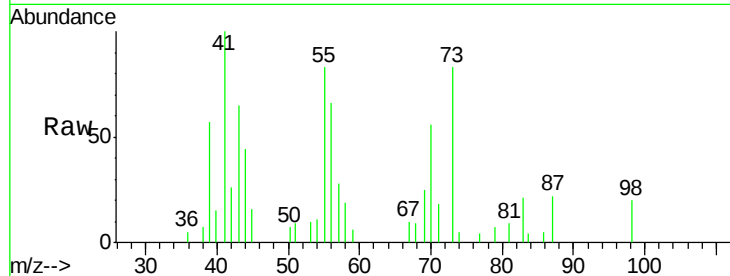
Tot Ion: 43 Resp: 2661

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

87 19.7 9.5 14.3#



#48

Methyl methacrylate

Concen: 0.34 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.04 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

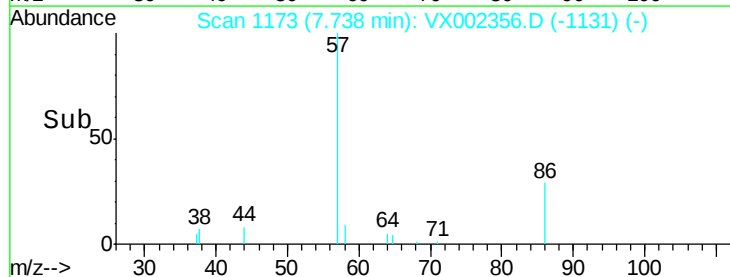
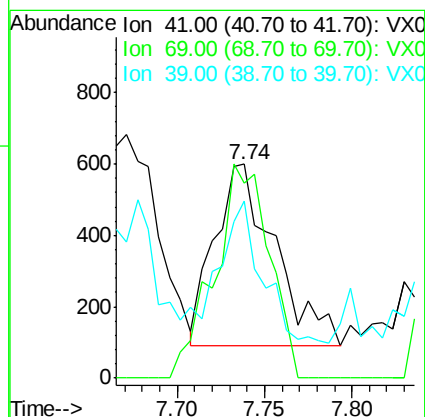
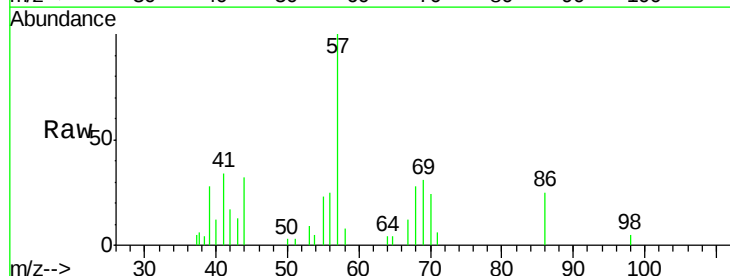
Tgt Ion: 41 Resp: 1235

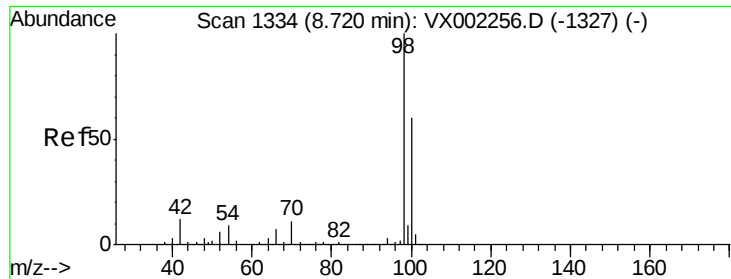
Ion Ratio Lower Upper

41 100

69 105.8 59.1 88.7#

39 57.2 48.9 73.3

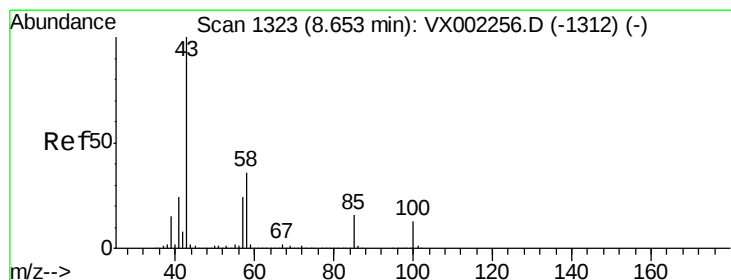
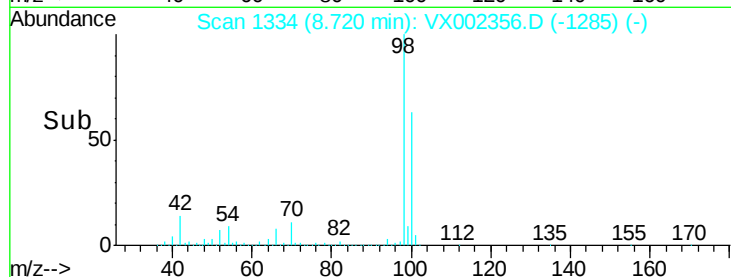
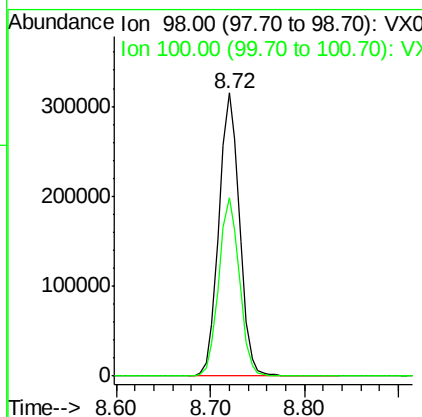
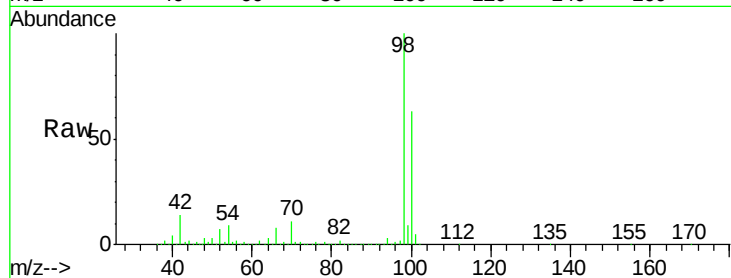




#50
Toluene-d8
Concen: 47.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

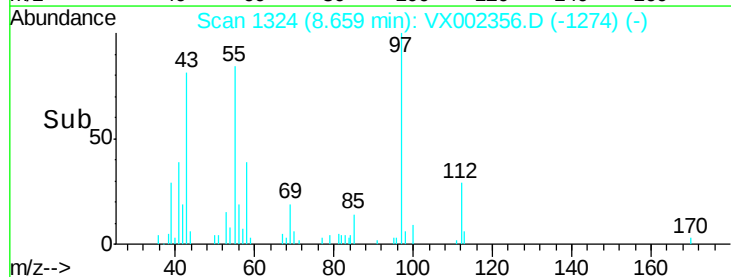
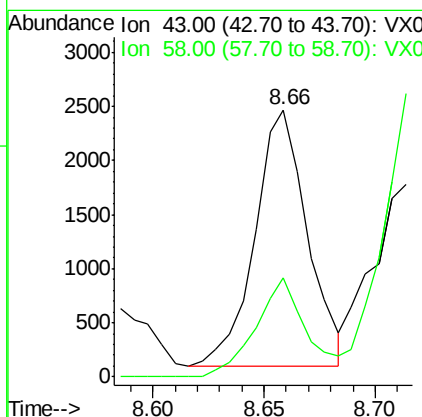
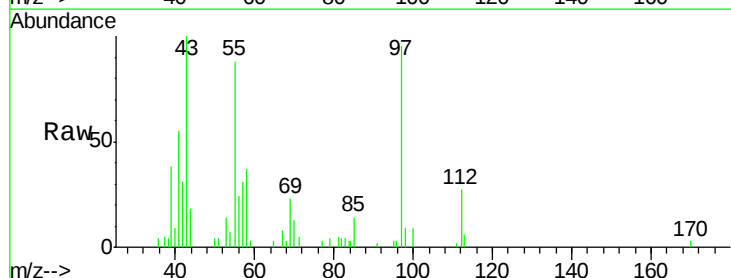
Instrument :
MSVOA_X
ClientSampleId :
MW-05

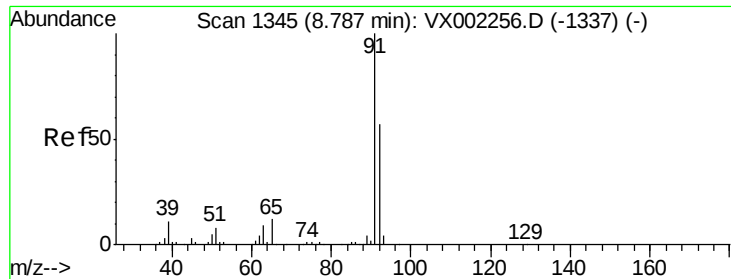
Tot Ion: 98 Resp: 479174
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.87 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
58 37.2 28.6 42.8





#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 :

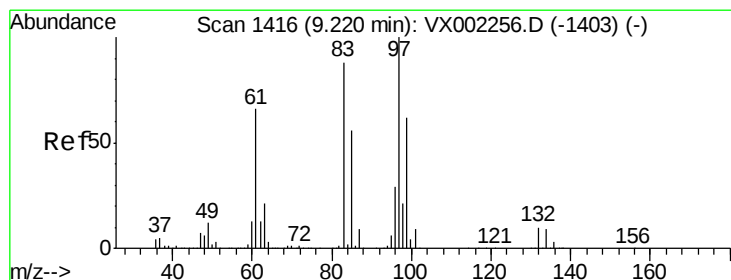
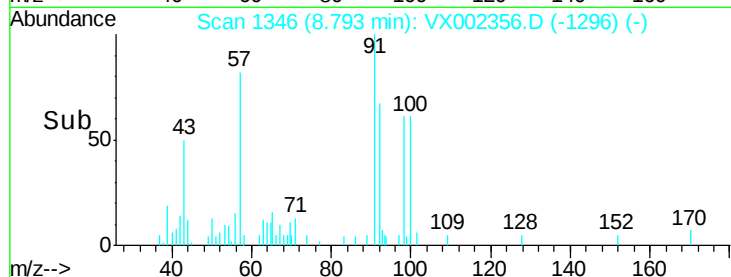
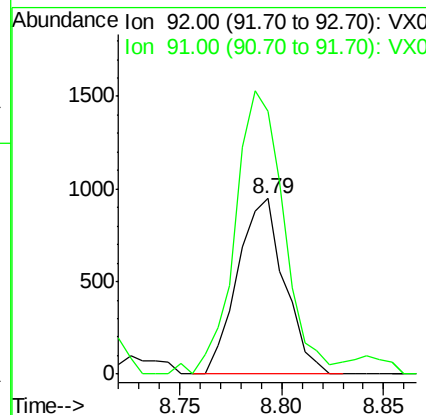
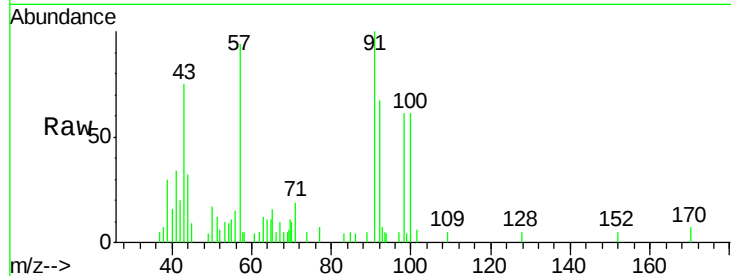
MW-05

Tot Ion: 92 Resp: 1516

Ion Ratio Lower Upper

92 100

91 168.8 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 1.12 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Tgt Ion: 97 Resp: 3145

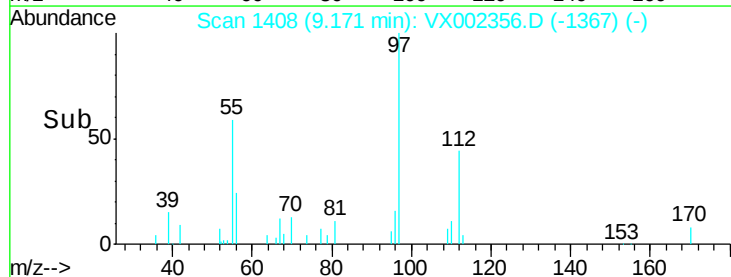
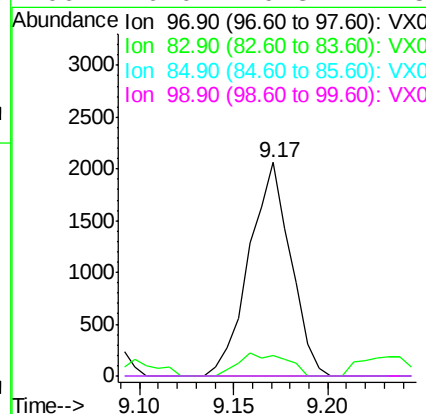
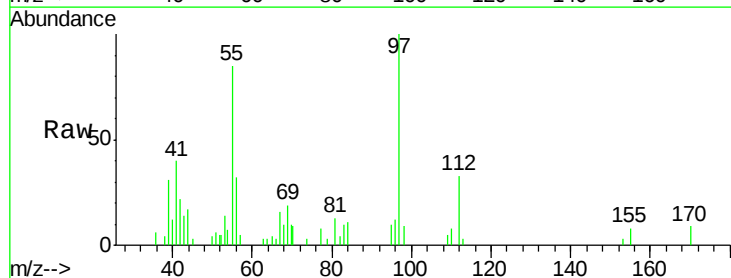
Ion Ratio Lower Upper

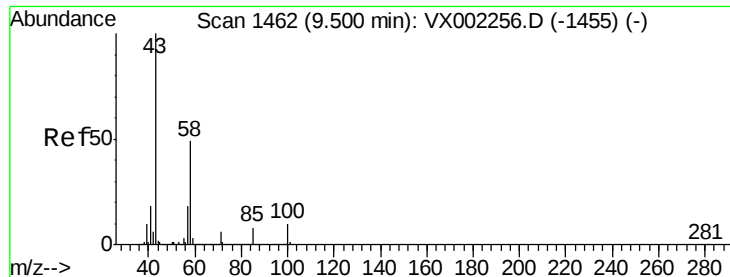
97 100

83 9.8 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

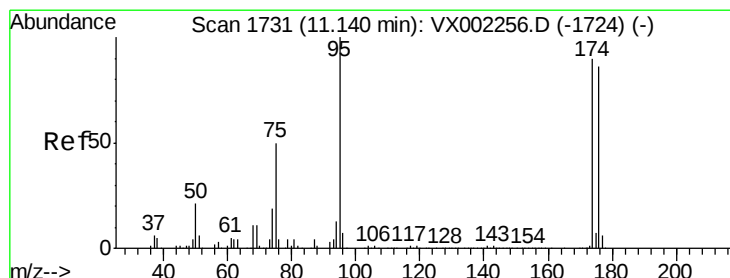
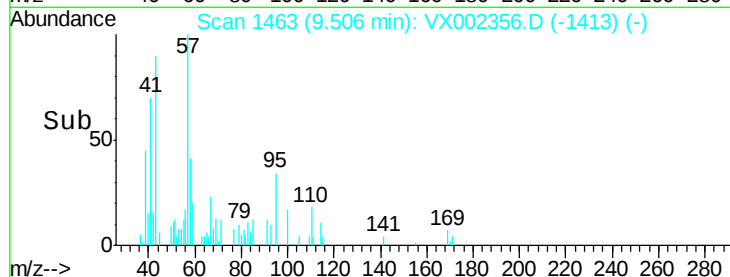
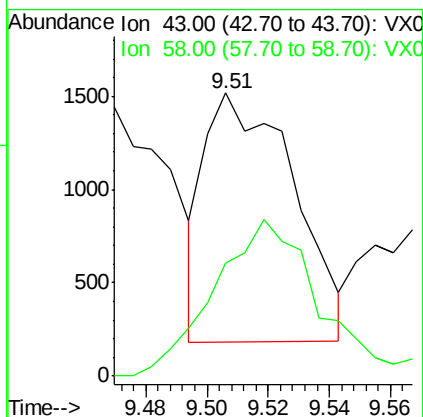
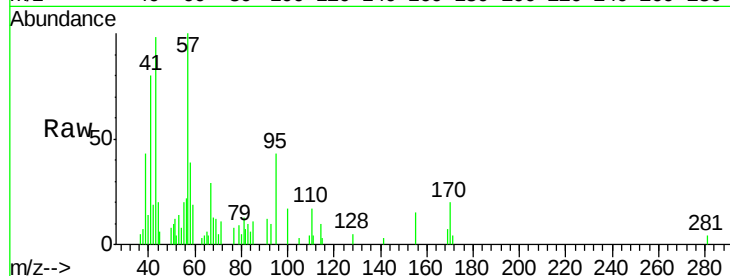




#59
2-Hexanone
Concen: 0.78 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

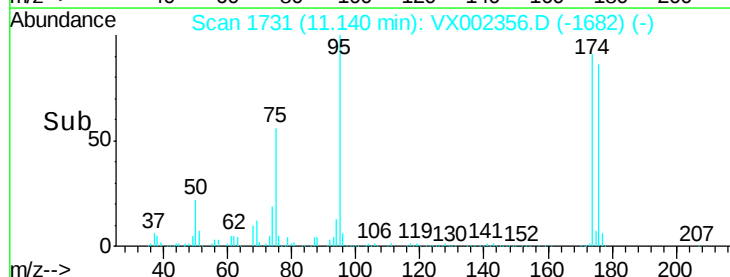
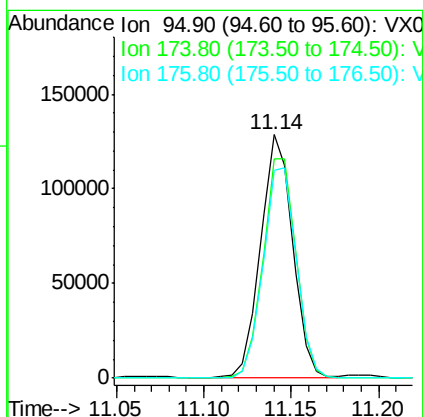
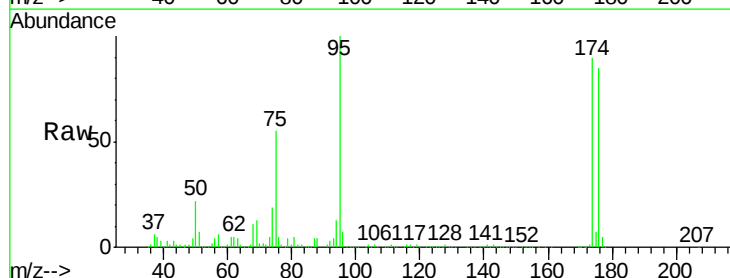
Instrument :
MSVOA_X
ClientSampleId :
MW-05

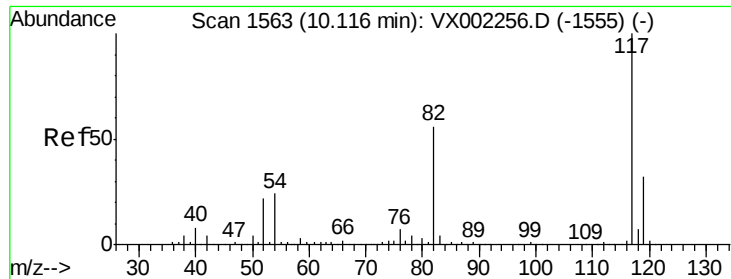
Tot Ion: 43 Resp: 2689
Ion Ratio Lower Upper
43 100
58 72.4 24.6 73.6



#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

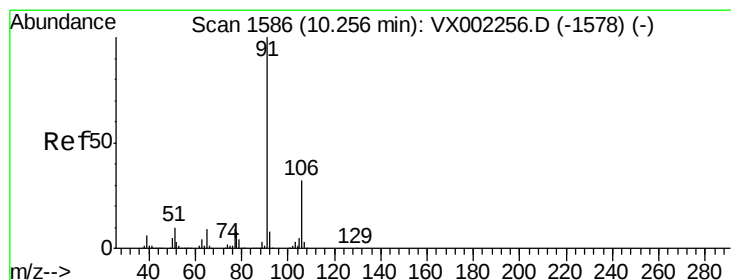
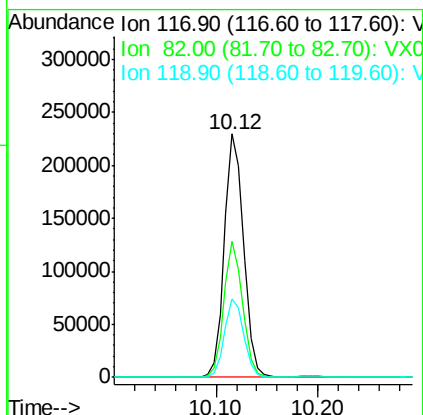
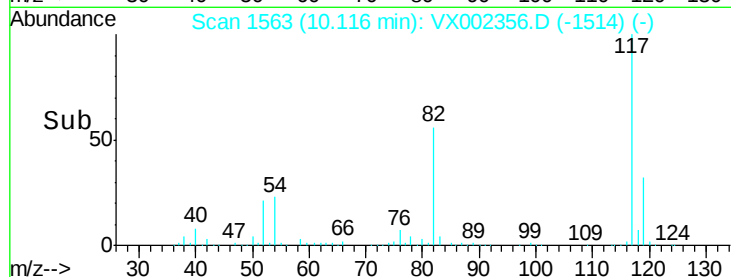
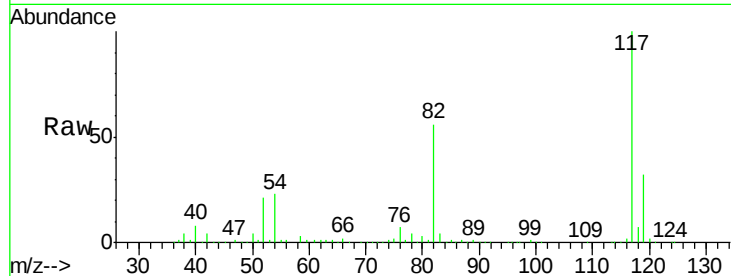




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

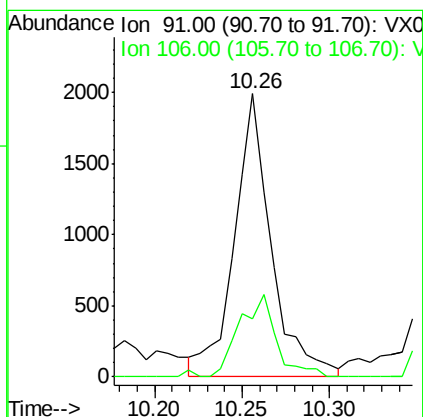
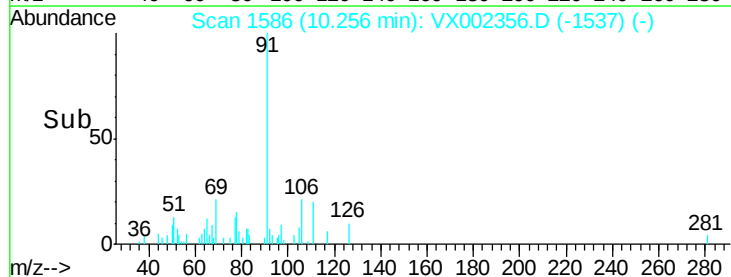
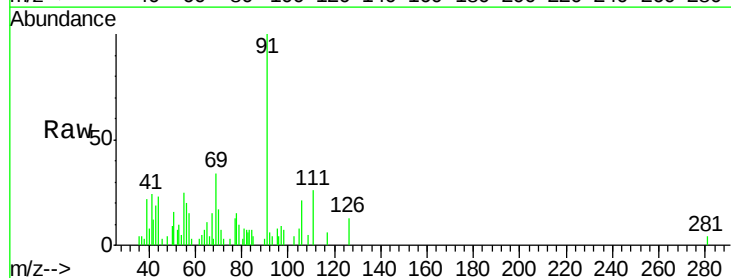
Instrument :
MSVOA_X
ClientSampleId :
MW-05

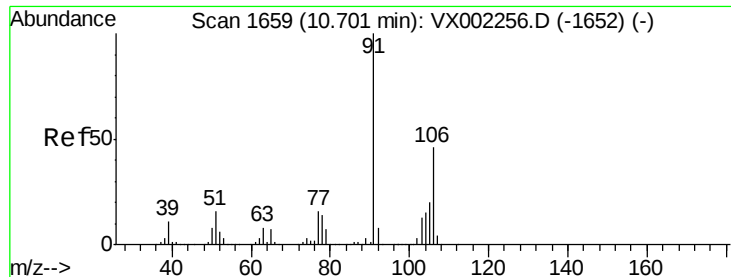
Tot Ion:117 Resp: 301879
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion: 91 Resp: 2916
Ion Ratio Lower Upper
91 100
106 21.2 25.5 38.3#

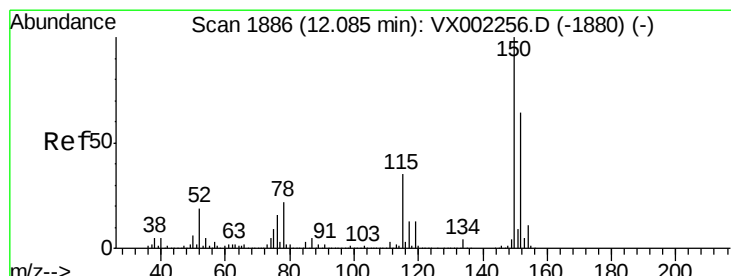
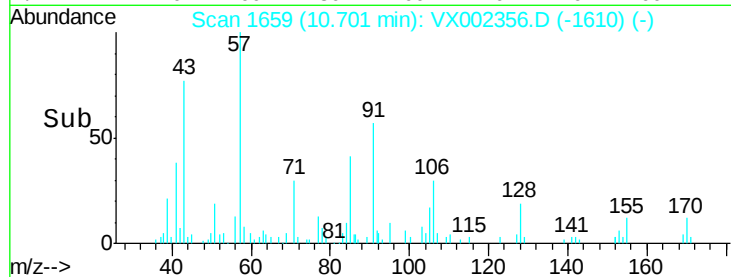
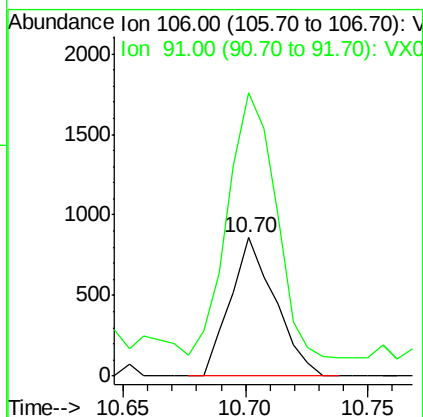
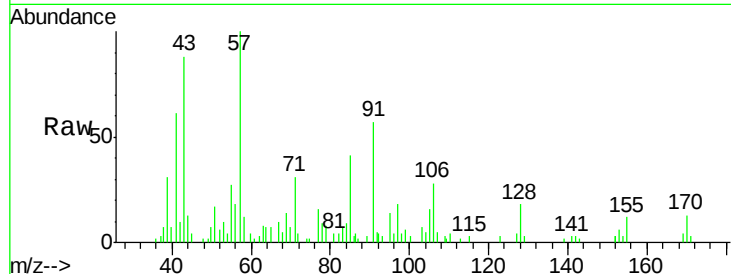




#69
o-Xylene
Concen: 0.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

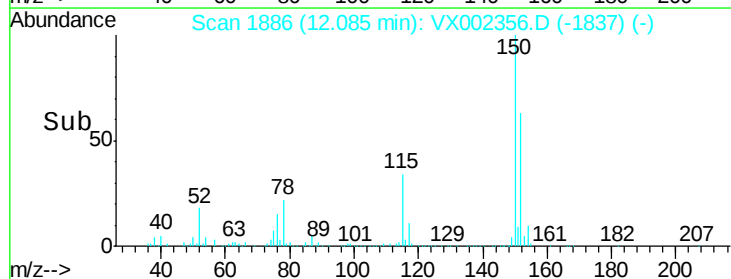
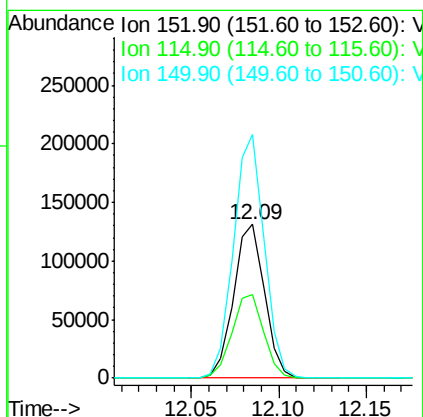
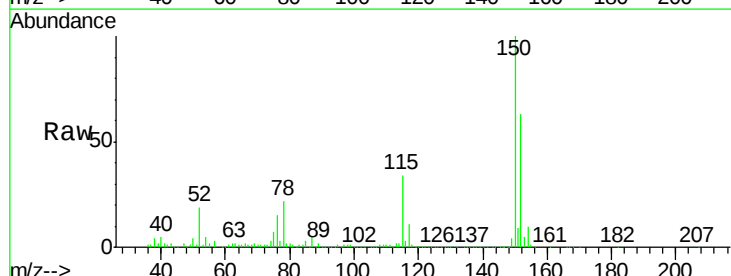
Instrument :
MSVOA_X
ClientSampleId :
MW-05

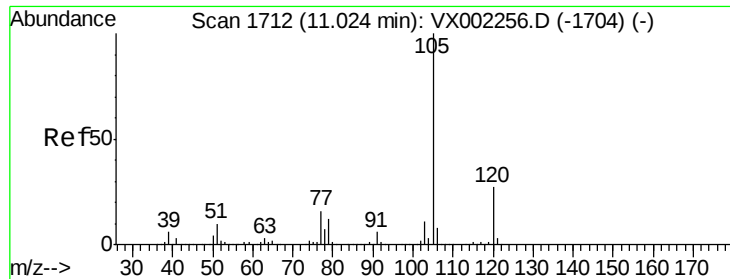
Tot Ion:106 Resp: 1095
Ion Ratio Lower Upper
106 100
91 219.3 108.2 324.6



#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

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





#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

Instrument :

MSVOA_X

ClientSampleId :

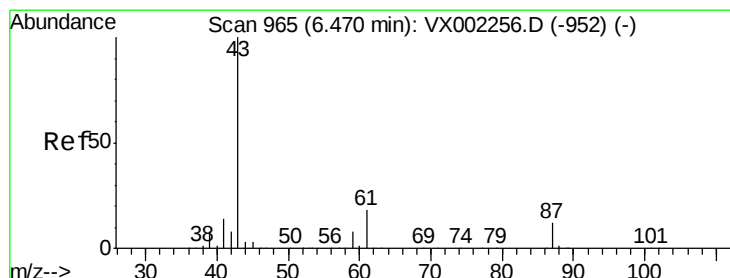
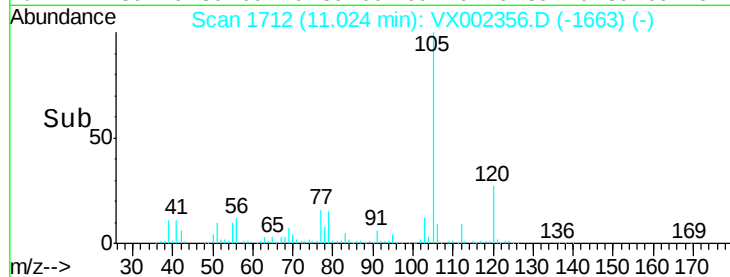
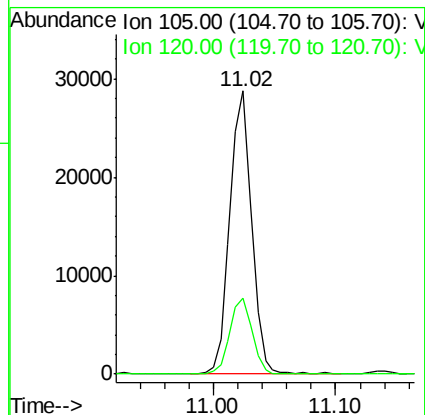
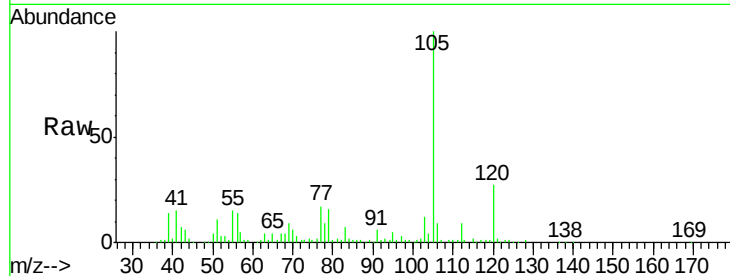
MW-05

Tot Ion:105 Resp: 35499

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 0.44 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Tgt Ion: 43 Resp: 2661

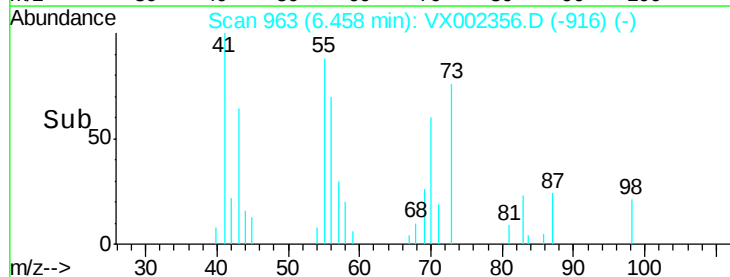
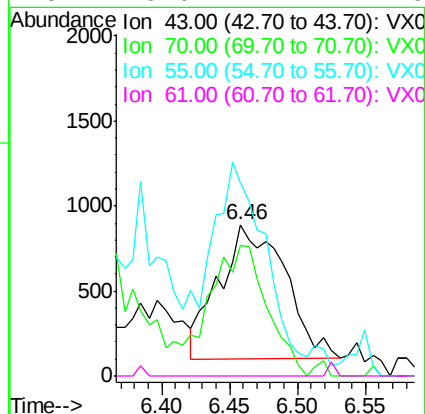
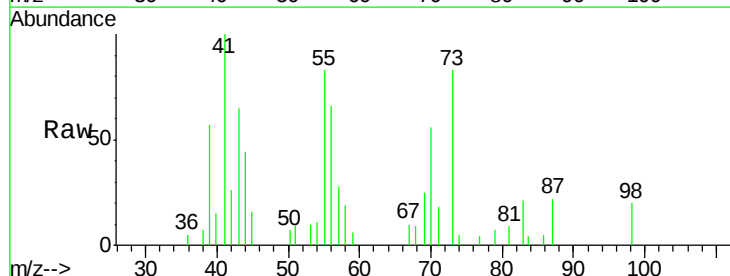
Ion Ratio Lower Upper

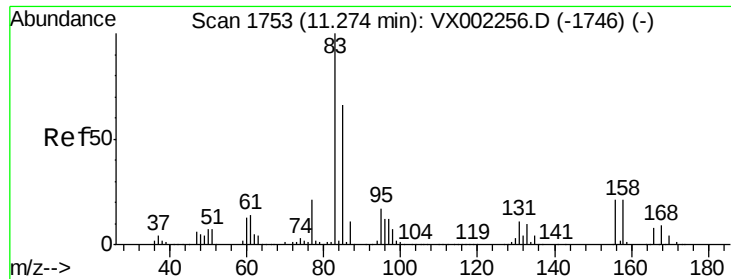
43 100

70 83.6 0.0 0.0#

55 110.0 0.0 0.0#

61 0.0 14.4 21.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.89 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampled :

MW-05

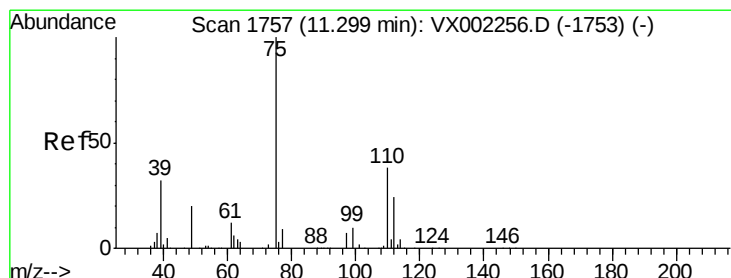
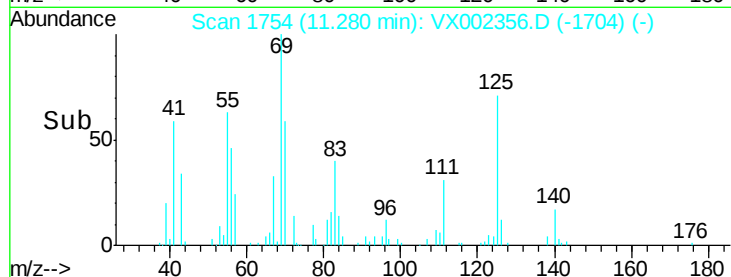
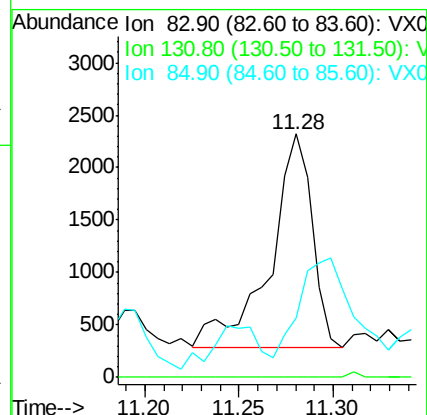
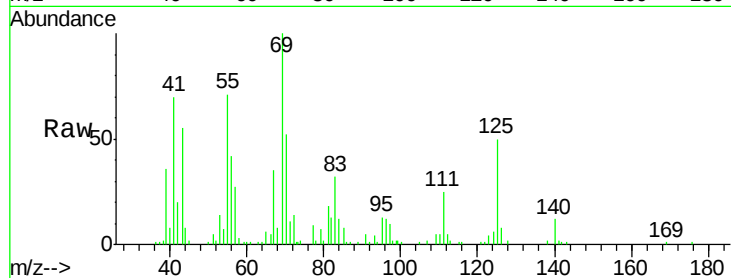
Tot Ion: 83 Resp: 3142

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 0.0 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 25.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002356.D

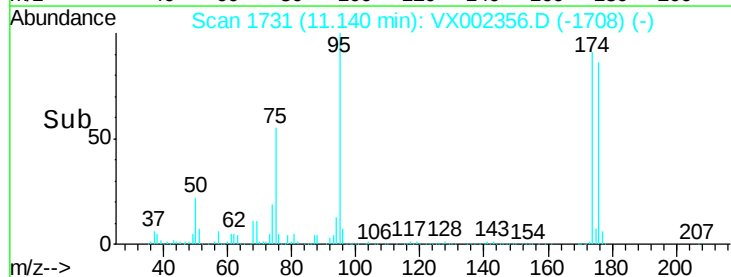
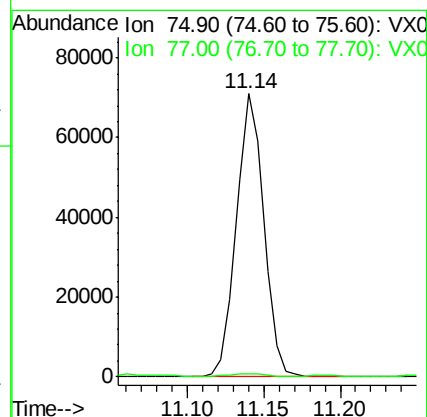
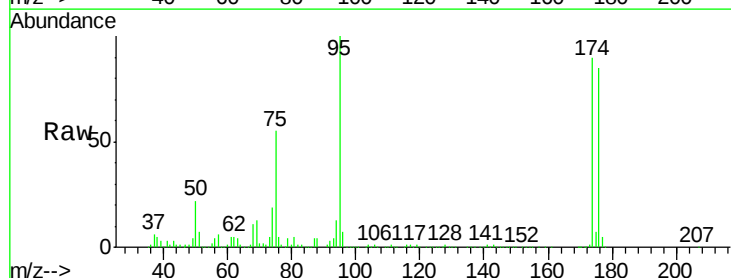
Acq: 06 Jun 2018 16:49

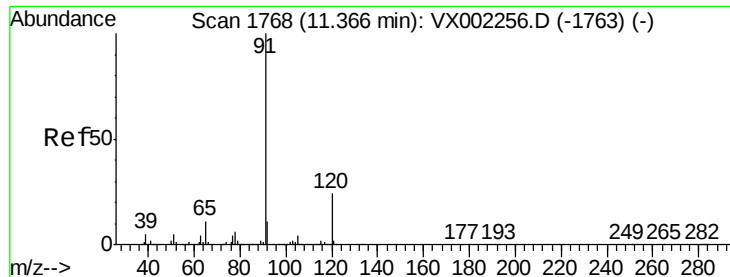
Tgt Ion: 75 Resp: 88225

Ion Ratio Lower Upper

75 100

77 1.0 22.8 68.3#





#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 :

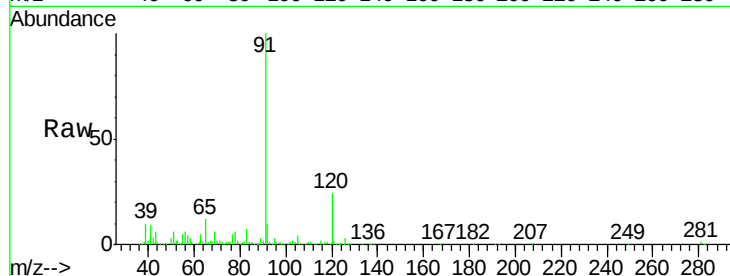
MW-05

Tot Ion: 91 Resp: 56800

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

50000

40000

30000

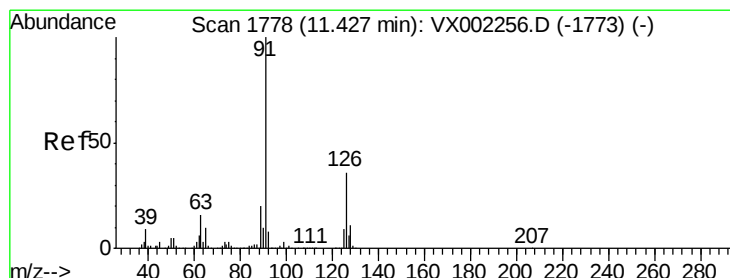
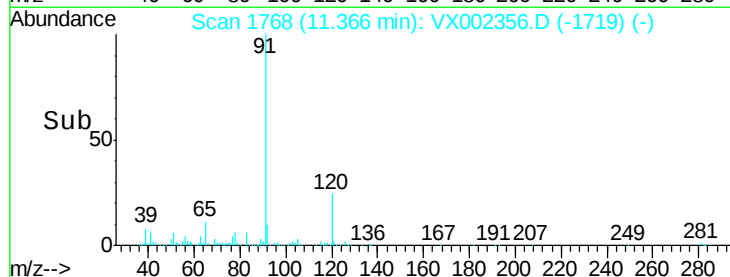
20000

10000

0

11.30 11.35 11.40

Time-->



#79

2-Chlorotoluene

Concen: 7.24 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002356.D

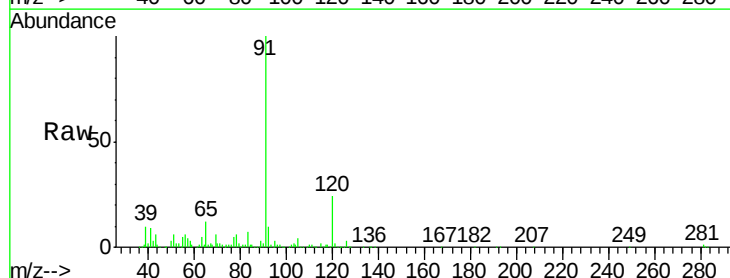
Acq: 06 Jun 2018 16:49

Tgt Ion: 91 Resp: 56800

Ion Ratio Lower Upper

91 100

126 2.8 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.37

50000

40000

30000

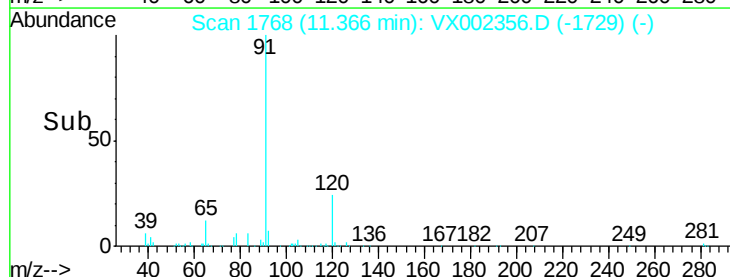
20000

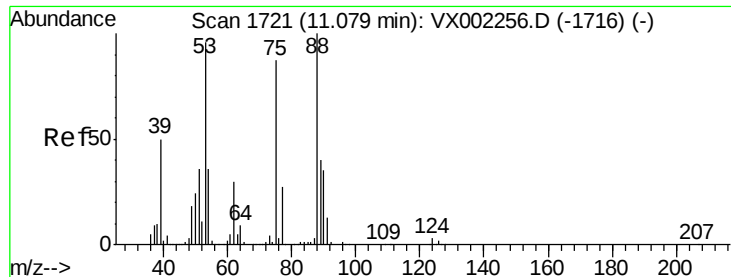
10000

0

11.30 11.35 11.40

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 87.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

MW-05

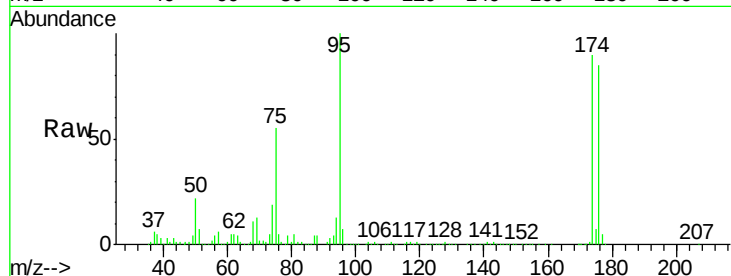
Tot Ion: 75 Resp: 88225

Ion Ratio Lower Upper

75 100

53 0.4 86.8 130.2#

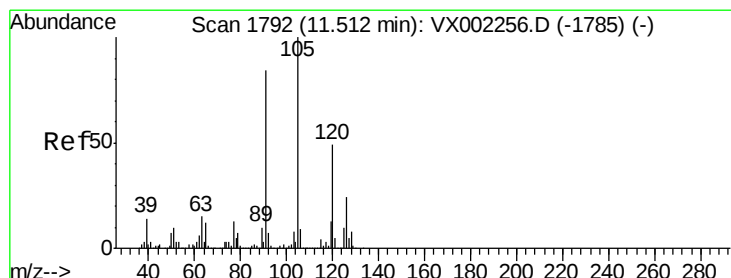
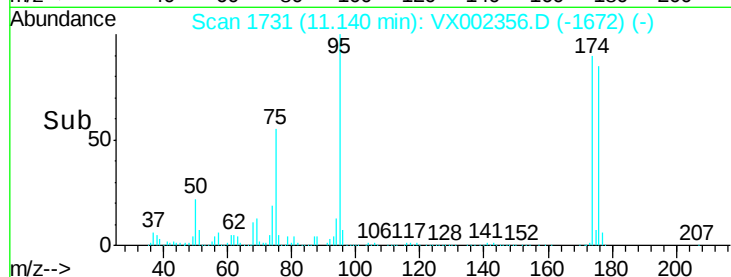
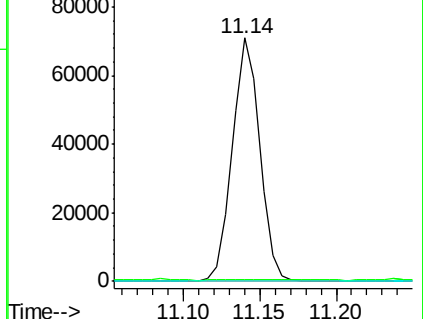
89 0.0 38.2 57.2#



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: 6.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002356.D

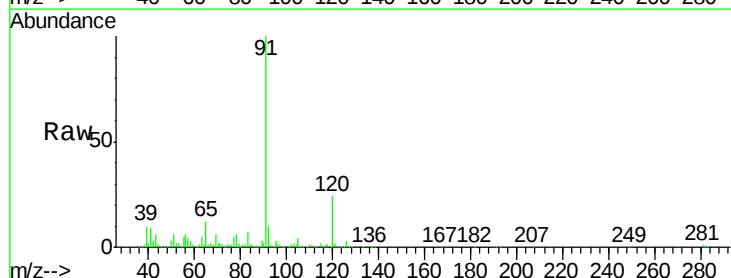
Acq: 06 Jun 2018 16:49

Tgt Ion: 91 Resp: 56800

Ion Ratio Lower Upper

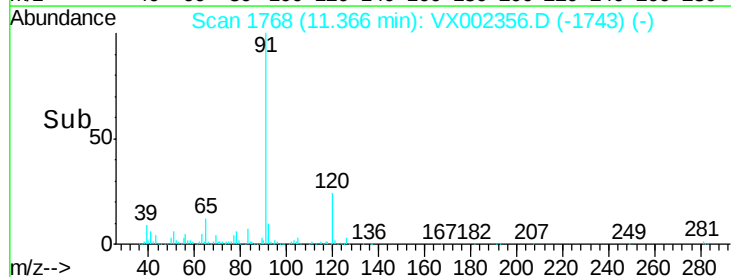
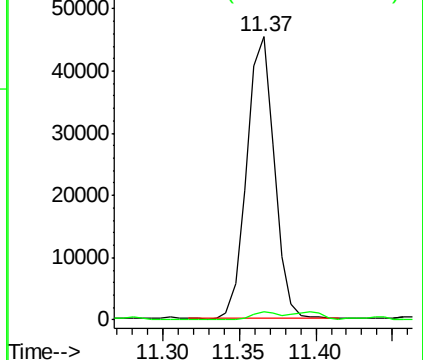
91 100

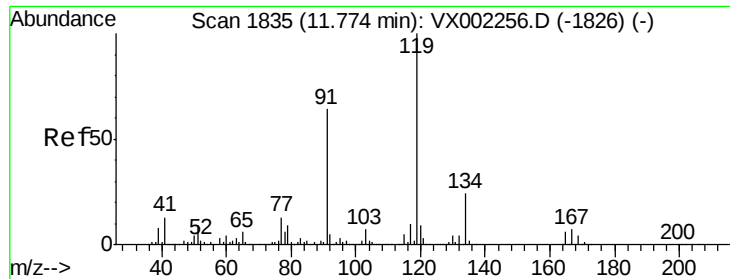
126 2.8 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

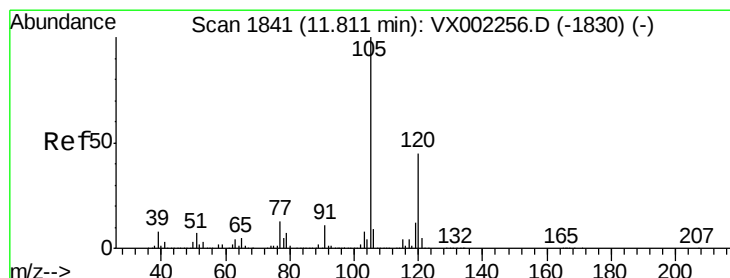
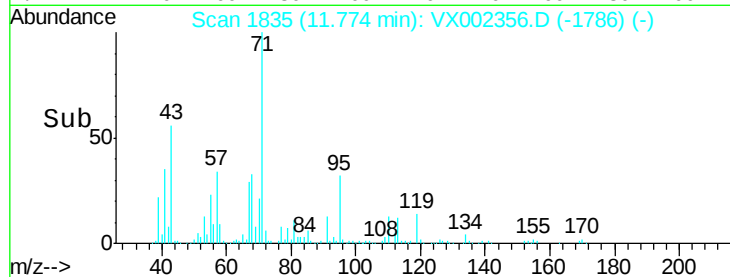
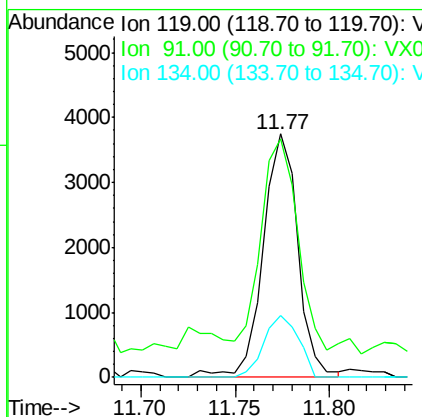
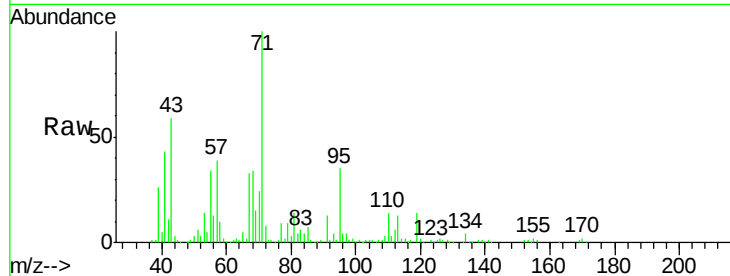




#83
 tert-Butylbenzene
 Concen: 0.51 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

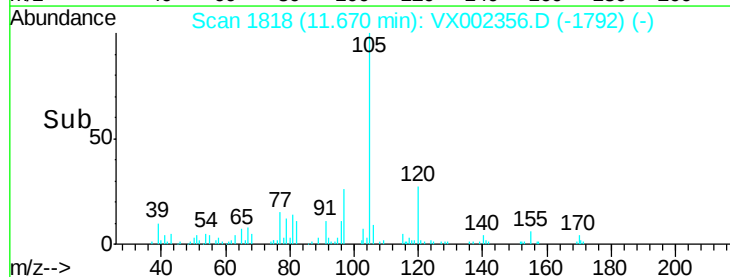
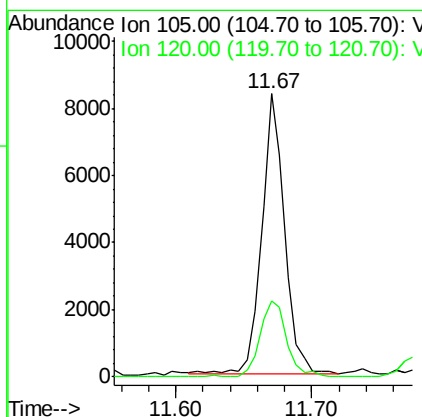
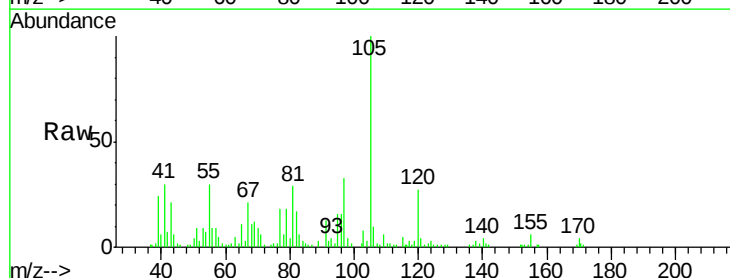
Instrument :
 MSVOA_X
 ClientSampleID :
 MW-05

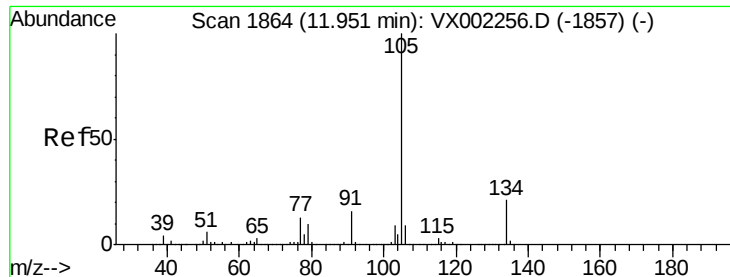
Tot Ion:119 Resp: 4795
 Ion Ratio Lower Upper
 119 100
 91 85.6 30.3 90.9
 134 25.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.01 ug/l
 RT: 11.67 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

Tgt Ion:105 Resp: 9930
 Ion Ratio Lower Upper
 105 100
 120 31.2 22.3 66.8

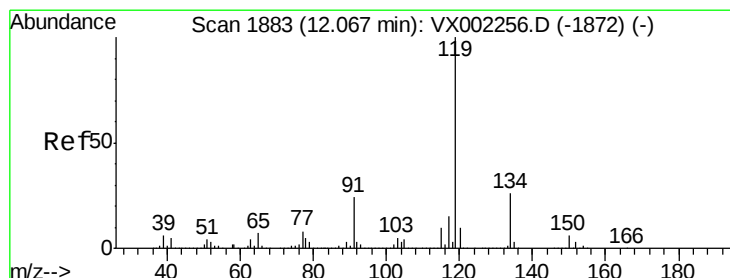
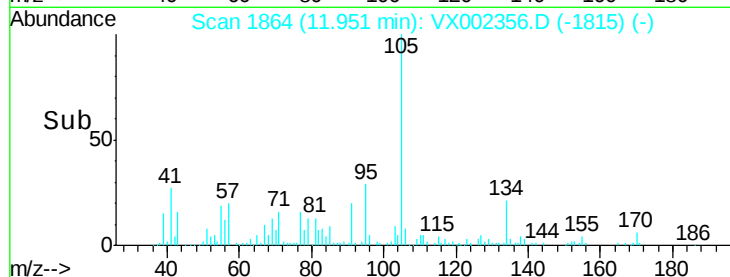
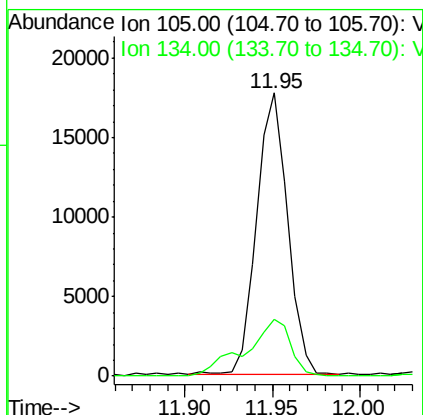
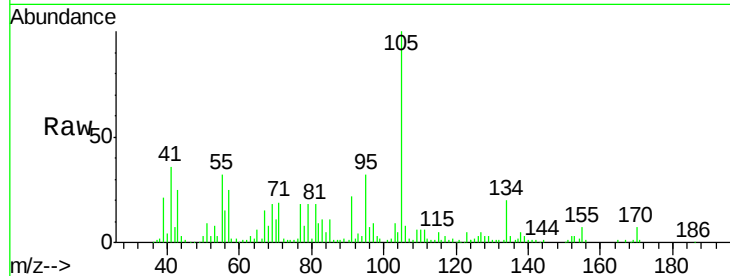




#85
 sec-Butylbenzene
 Concen: 2.01 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

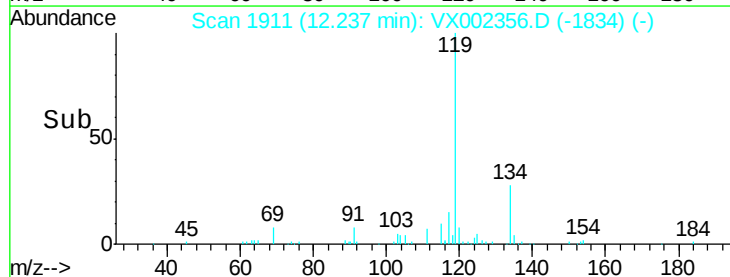
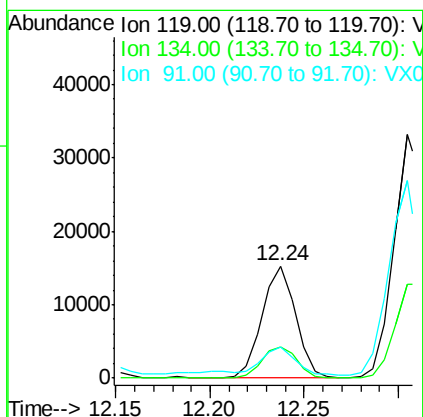
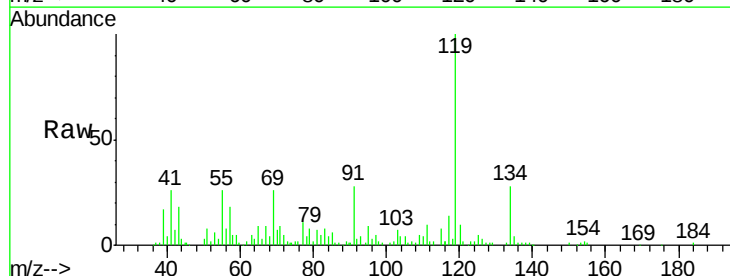
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

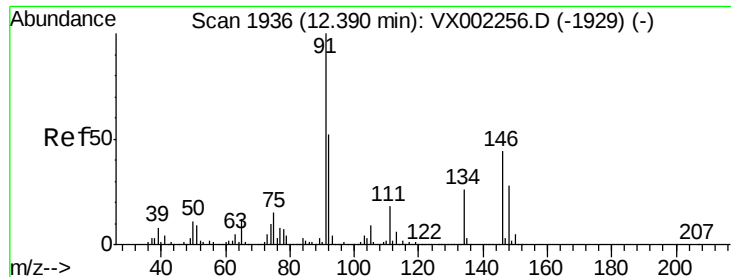
Tot Ion:105 Resp: 22059
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 1.91 ug/l
 RT: 12.24 min Scan# 1911
 Delta R.T. 0.17 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

Tgt Ion:119 Resp: 19062
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.4 40.1
 91 28.8 11.9 35.7

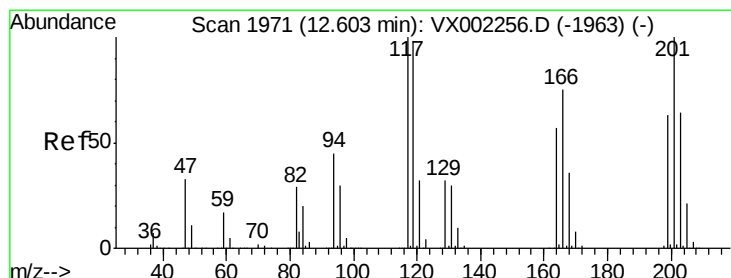
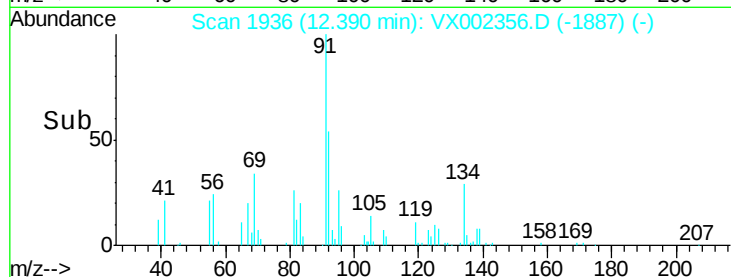
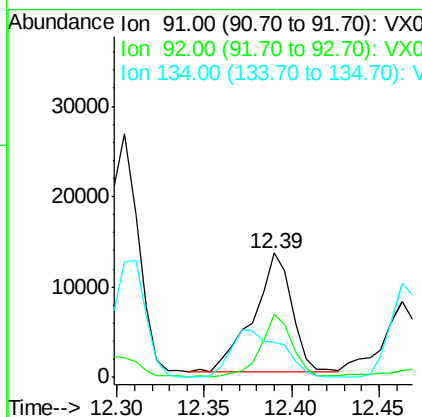
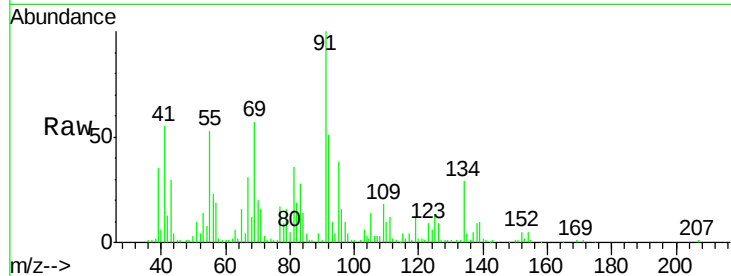




#89
n-Butylbenzene
Concen: 2.41 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

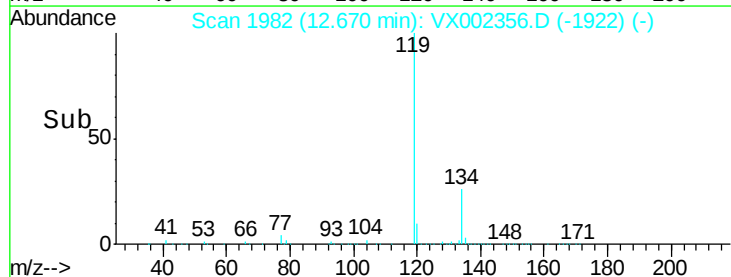
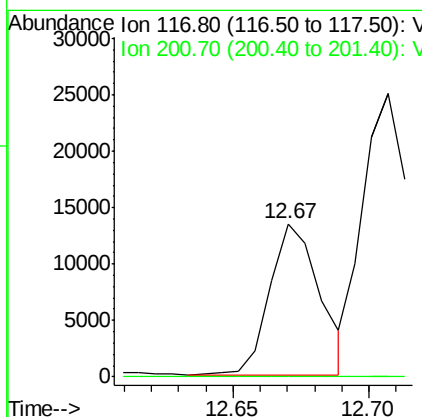
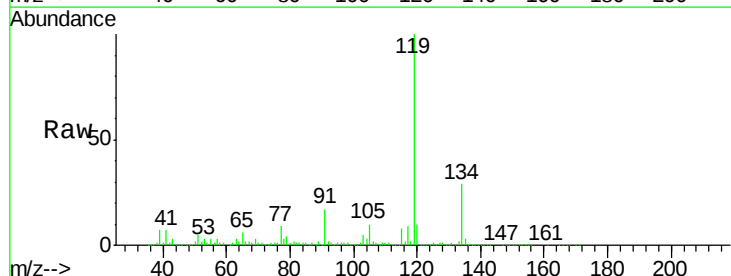
Instrument :
MSVOA_X
ClientSampled :
MW-05

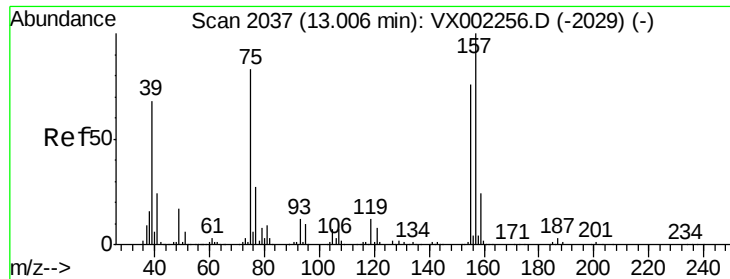
Tot Ion: 91 Resp: 20169
Ion Ratio Lower Upper
91 100
92 41.5 26.0 78.0
134 53.0 13.5 40.5#



#90
Hexachloroethane
Concen: 10.75 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002356.D
Acq: 06 Jun 2018 16:49

Tgt Ion: 117 Resp: 17110
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.72 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

MW-05

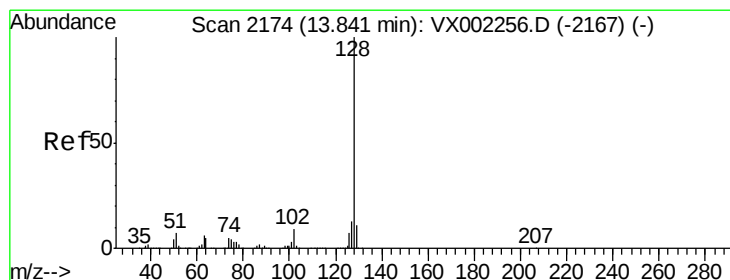
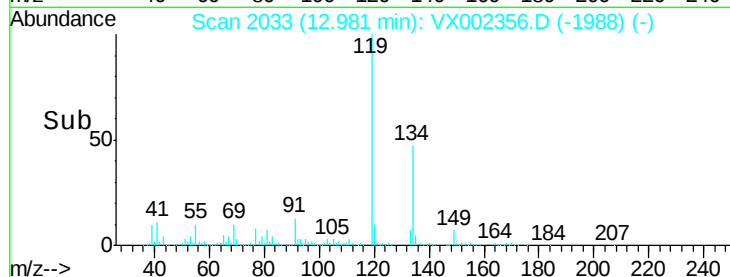
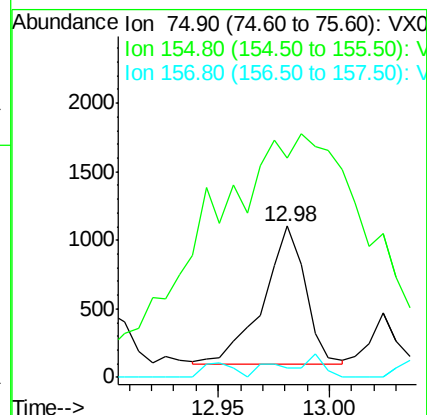
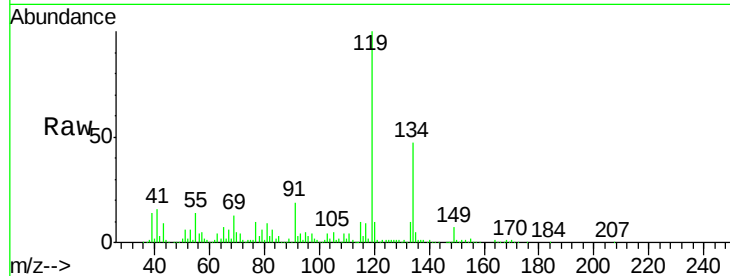
Tot Ion: 75 Resp: 1323

Ion Ratio Lower Upper

75 100

155 635.0 45.8 137.4#

157 8.2 60.1 180.3#



#95

Naphthalene

Concen: 2.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002356.D

Acq: 06 Jun 2018 16:49

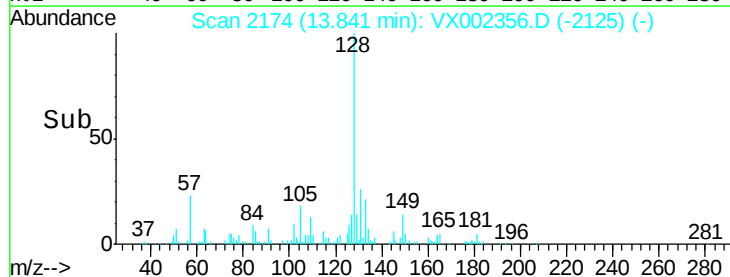
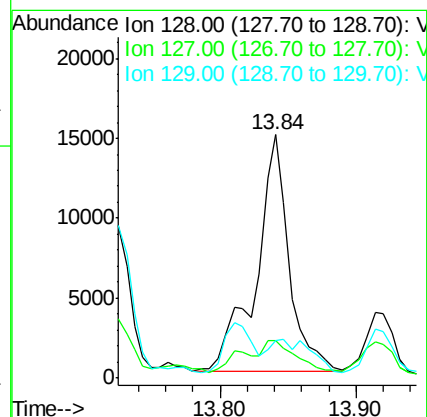
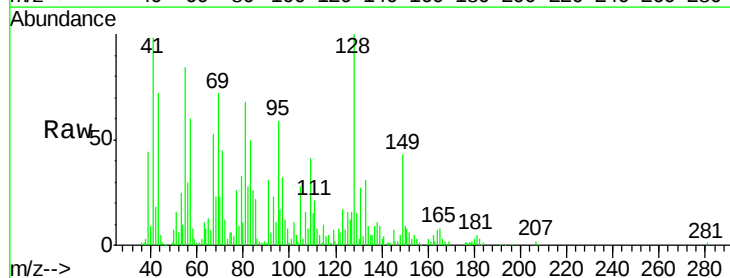
Tgt Ion:128 Resp: 25141

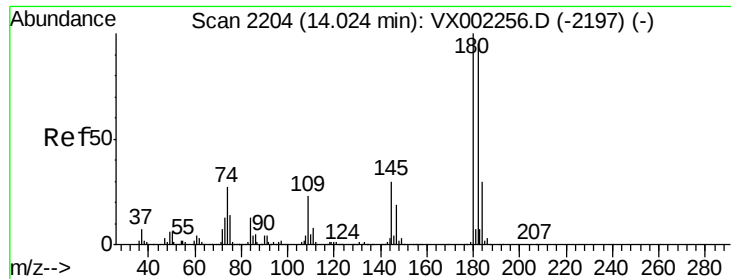
Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 18.4 8.6 13.0#

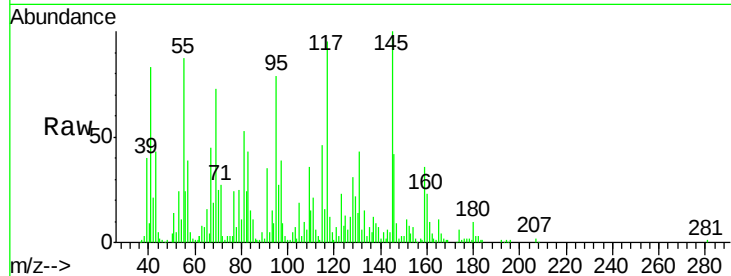




#96
 1,2,3-Trichlorobenzene
 Concen: 0.49 ug/l
 RT: 14.04 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: VX002356.D
 Acq: 06 Jun 2018 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

Tot Ion:180 Resp: 2053
 Ion Ratio Lower Upper
 180 100
 182 9.4 48.0 144.0#
 145 1143.0 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

