

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
 Data File : VX002340.D
 Acq On : 06 Jun 2018 07:31
 Operator : JC/MD
 Sample : J3309-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Quant Time: Jun 06 08:20:00 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	228922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197968	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	162521	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.24%		
35) Dibromofluoromethane	5.51	113	117918	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.38%		
50) Toluene-d8	8.72	98	491266	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.16%		
62) 4-Bromofluorobenzene	11.14	95	183903	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.32%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	1348	Below Cal	#	60
5) Bromomethane	1.65	94	635	Below Cal	#	46
8) Diethyl Ether	2.30	74	74	Below Cal		60
11) Tert butyl alcohol	3.07	59	14019	1.20	ug/l	90
13) Acrolein	2.28	56	663	Below Cal	#	14
15) Acrylonitrile	3.17	53	965	Below Cal	#	71
16) Acetone	2.45	43	17476	Below Cal		99
17) Carbon Disulfide	2.58	76	1542	0.24	ug/l	55
18) Methyl Acetate	2.85	43	5361	Below Cal	#	55
19) Methyl tert-butyl Ether	3.22	73	147	Below Cal	#	56
20) Methylene Chloride	2.85	84	927	Below Cal	#	64
22) Diisopropyl ether	3.86	45	93	Below Cal	#	78
25) 2-Butanone	4.71	43	2583	1.15	ug/l	95
28) Bromochloromethane	5.03	49	67	Below Cal	#	13
30) Chloroform	5.23	83	1040	0.21	ug/l	65
31) Cyclohexane	5.59	56	17904	4.33	ug/l	94
36) 1,1-Dichloropropene	5.67	75	16607	4.71	ug/l	50
38) Carbon Tetrachloride	5.67	117	21503	5.83	ug/l	15
39) Methylcyclohexane	7.46	83	56580	13.18	ug/l	99
45) 1,2-Dichloropropane	7.45	63	965	0.33	ug/l	1
48) Methyl methacrylate	7.74	41	3826	1.06	ug/l	55
51) 4-Methyl-2-Pentanone	8.65	43	23873	5.32	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	7466	2.64	ug/l	18
56) Ethyl methacrylate	9.16	69	1812	0.40	ug/l	1
67) Ethyl Benzene	10.26	91	22452	1.69	ug/l	95
68) m/p-Xylenes	10.37	106	3004	0.58	ug/l	93
69) o-Xylene	10.71	106	2057	0.40	ug/l	93
73) Isopropylbenzene	11.02	105	62357	4.53	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	98944	22.78	ug/l	32
78) n-propylbenzene	11.37	91	96393	6.30	ug/l	99
79) 2-Chlorotoluene	11.37	91	96393	9.97	ug/l	40
80) 1,3,5-Trimethylbenzene	11.51	105	3623	0.31	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	98944	79.84	ug/l	7
82) 4-Chlorotoluene	11.37	91	96393	8.64	ug/l	45

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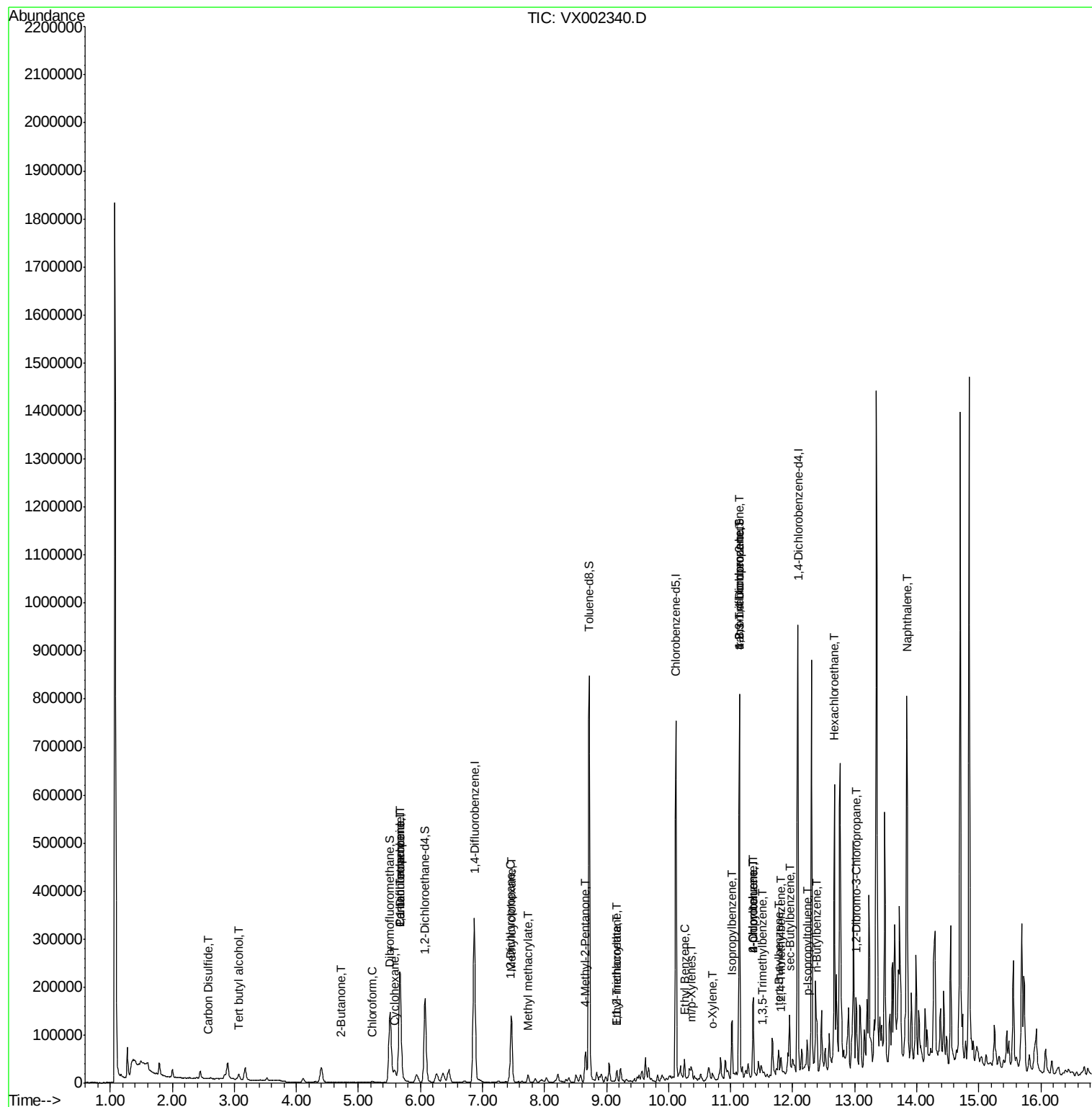
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	10072	0.88	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	11462	0.94	ug/l	99
85) sec-Butylbenzene	11.95	105	48390	3.59	ug/l #	77
86) p-Isopropyltoluene	12.24	119	28214	2.30	ug/l	98
89) n-Butylbenzene	12.39	91	40896	3.97	ug/l #	71
90) Hexachloroethane	12.67	117	26544	13.54	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	807	0.85	ug/l #	1
95) Naphthalene	13.84	128	463624	32.17	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

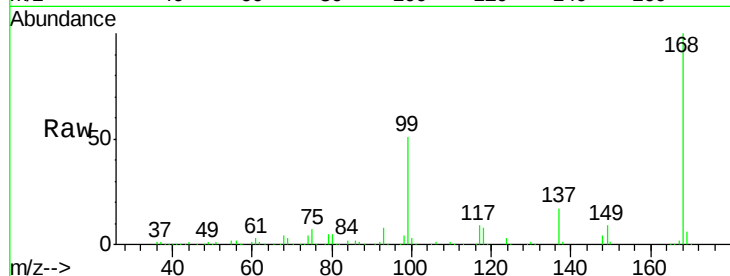
MW-08

Tgt Ion:168 Resp: 228922

Ion Ratio Lower Upper

168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

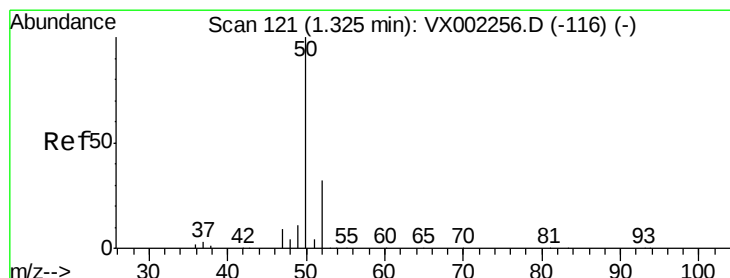
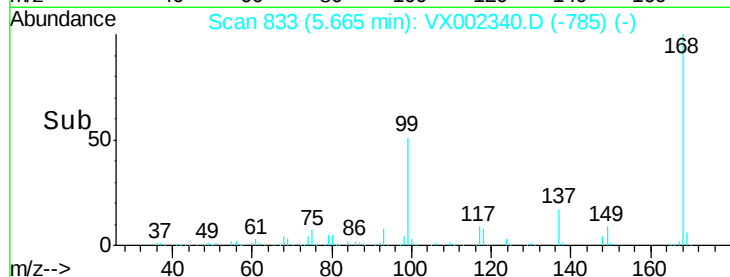
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.34 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX002340.D

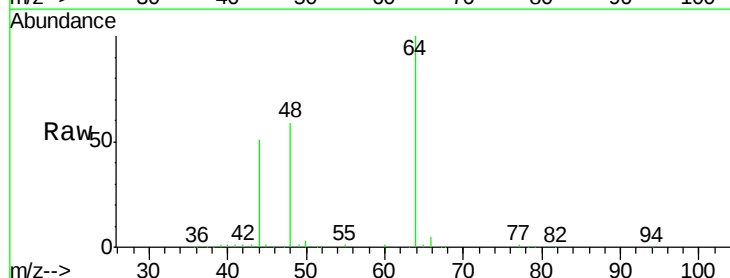
Acq: 06 Jun 2018 07:31

Tgt Ion: 50 Resp: 1348

Ion Ratio Lower Upper

50 100

52 9.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.34

1200

1000

800

600

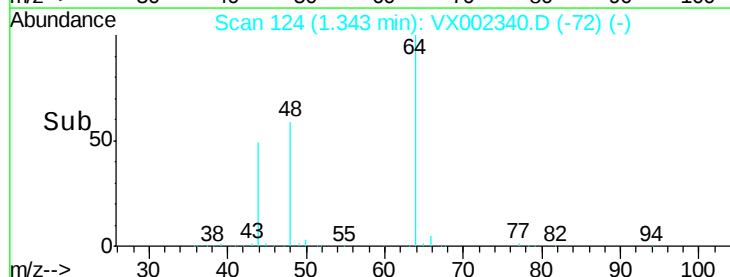
400

200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampled :

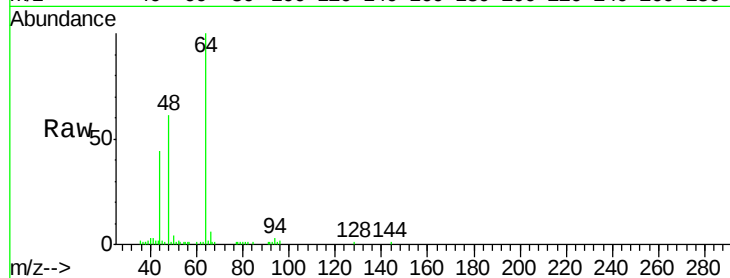
MW-08

Tgt Ion: 94 Resp: 635

Ion Ratio Lower Upper

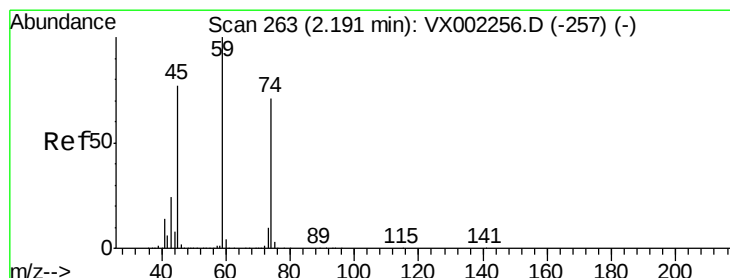
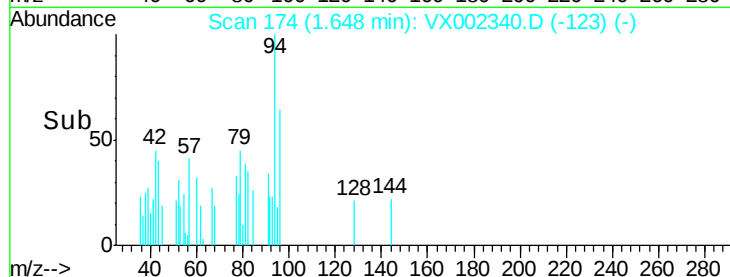
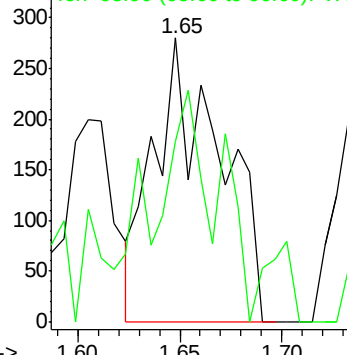
94 100

96 41.8 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.11 min

Lab File: VX002340.D

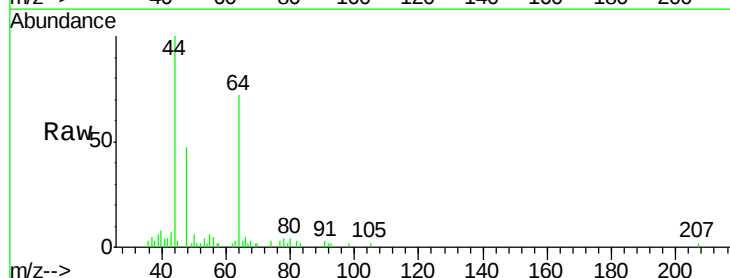
Acq: 06 Jun 2018 07:31

Tgt Ion: 74 Resp: 74

Ion Ratio Lower Upper

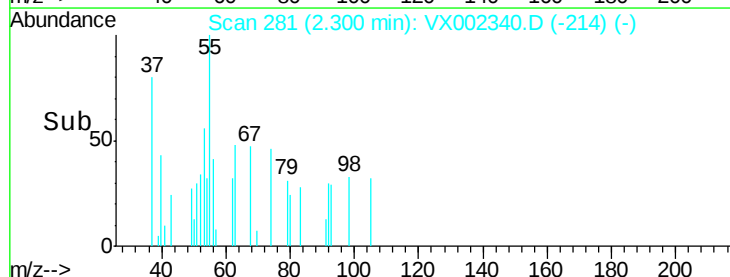
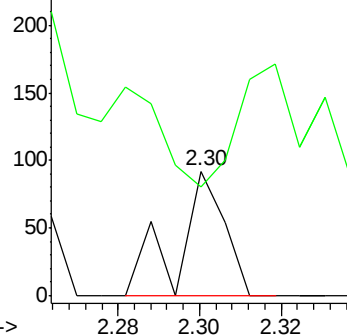
74 100

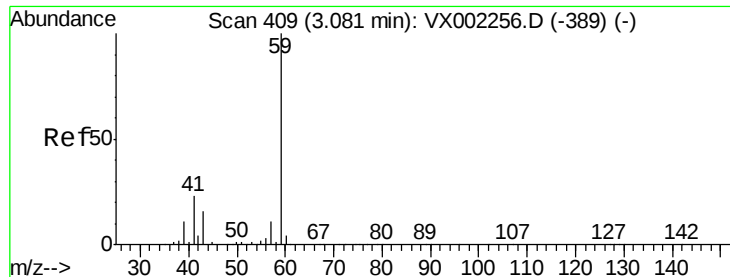
45 147.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

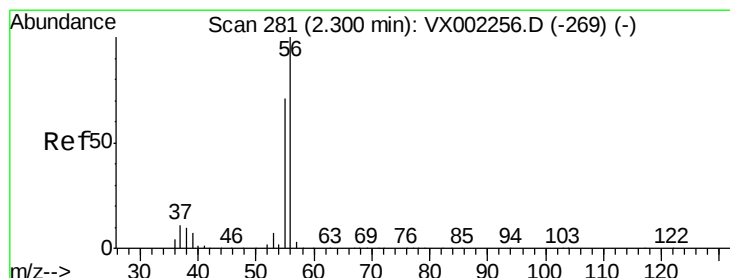
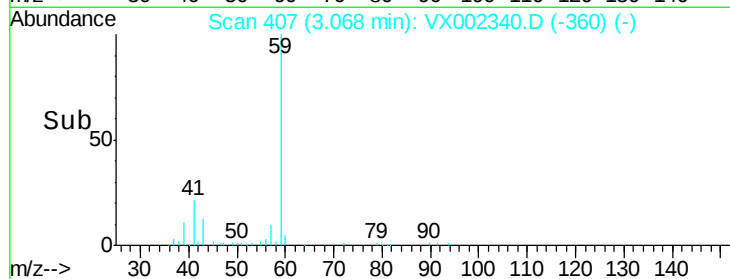
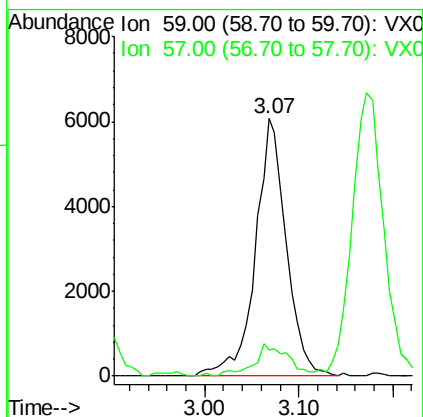
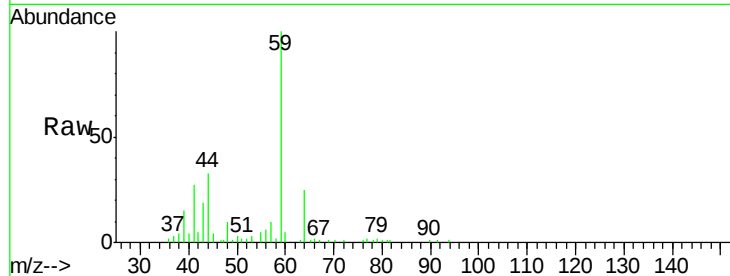




#11
Tert butyl alcohol
Concen: 1.20 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

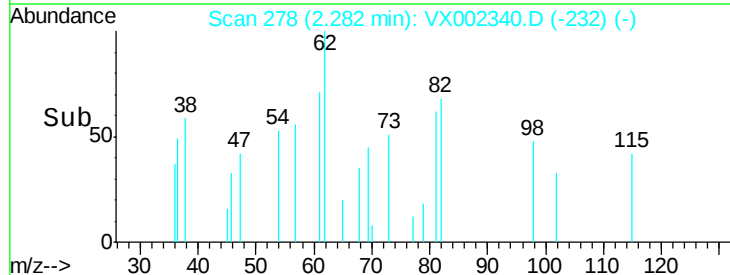
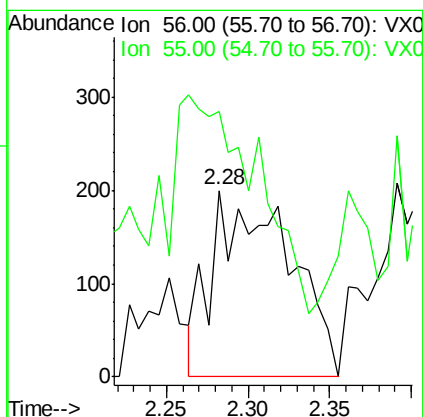
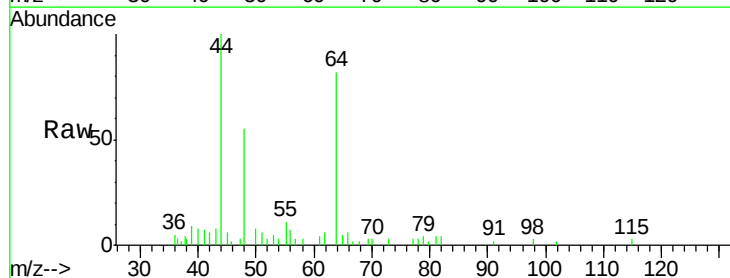
Instrument :
MSVOA_X
ClientSampleId :
MW-08

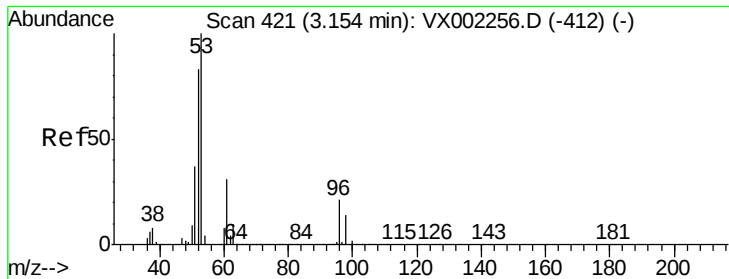
Tgt Ion: 59 Resp: 14019
Ion Ratio Lower Upper
59 100
57 13.9 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Tgt Ion: 56 Resp: 663
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampled :

MW-08

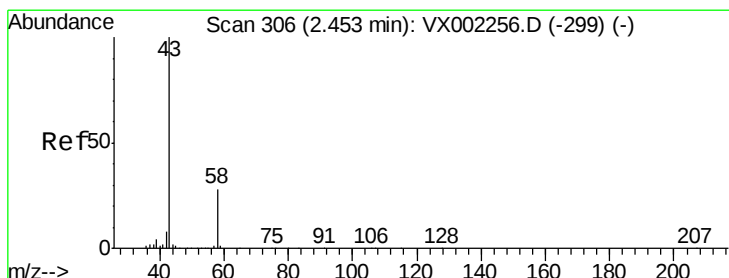
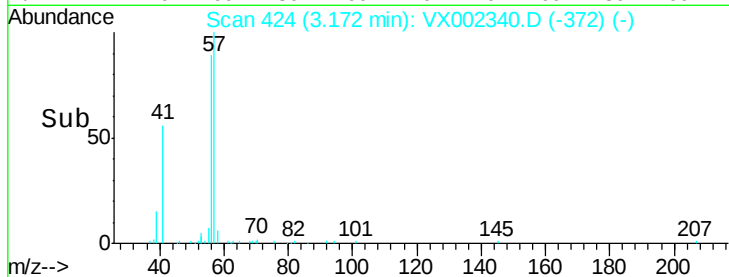
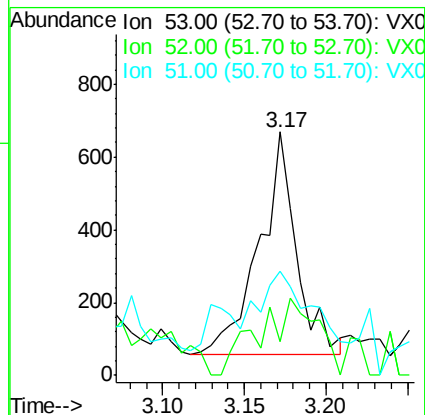
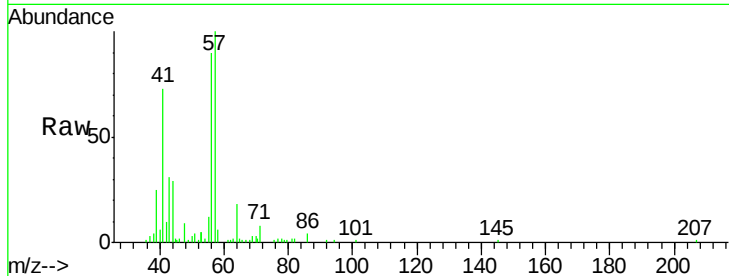
Tgt Ion: 53 Resp: 965

Ion Ratio Lower Upper

53 100

52 54.6 66.7 100.1#

51 49.9 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002340.D

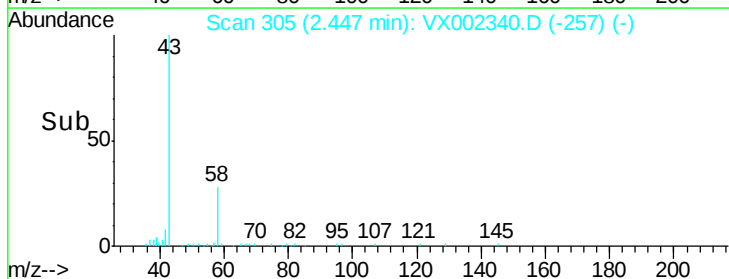
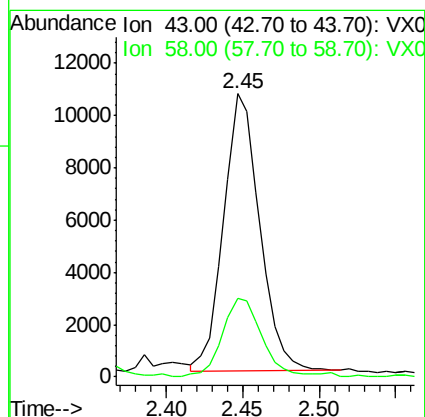
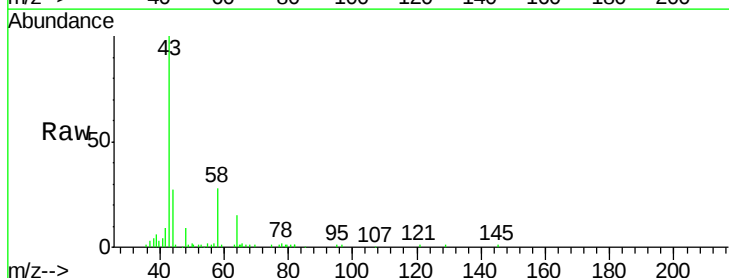
Acq: 06 Jun 2018 07:31

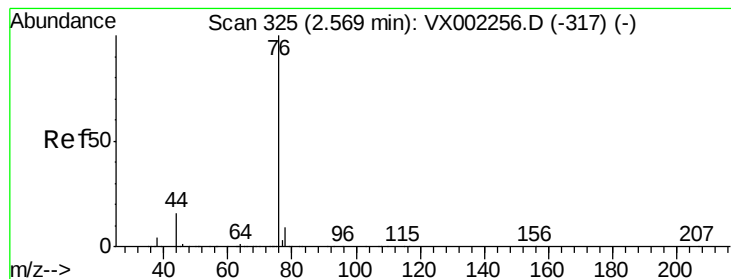
Tgt Ion: 43 Resp: 17476

Ion Ratio Lower Upper

43 100

58 28.4 22.1 33.1





#17

Carbon Disulfide

Concen: 0.24 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampled :

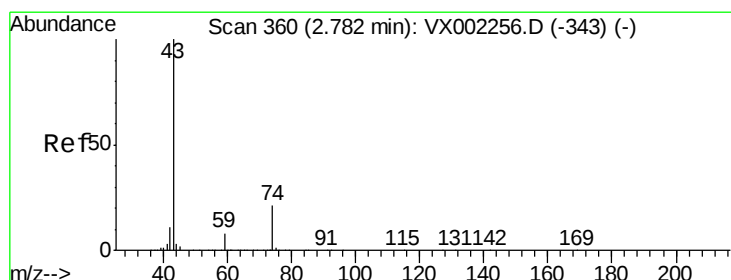
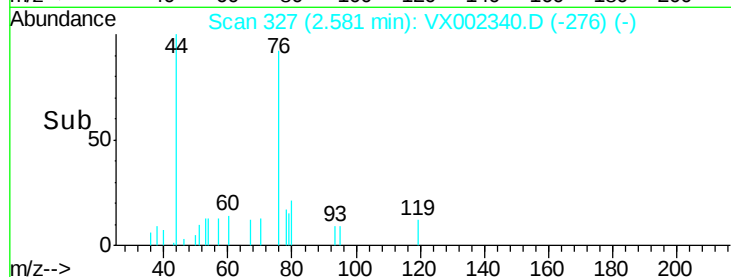
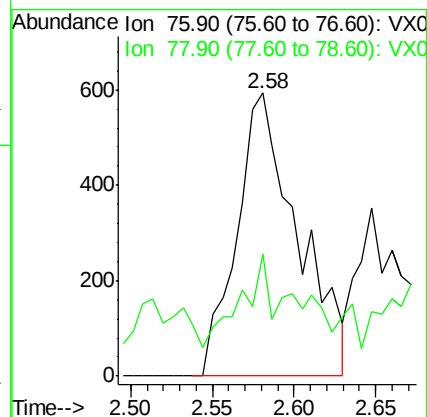
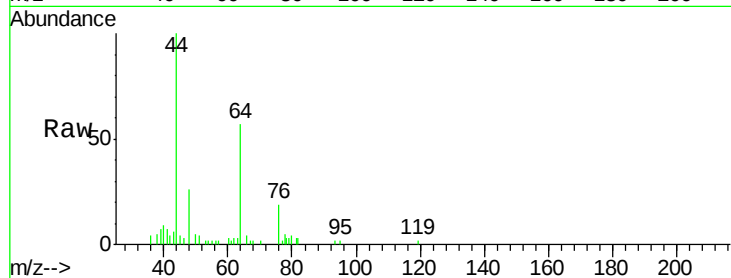
MW-08

Tgt Ion: 76 Resp: 1542

Ion Ratio Lower Upper

76 100

78 24.6 6.9 10.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 2.85 min Scan# 371

Delta R.T. 0.07 min

Lab File: VX002340.D

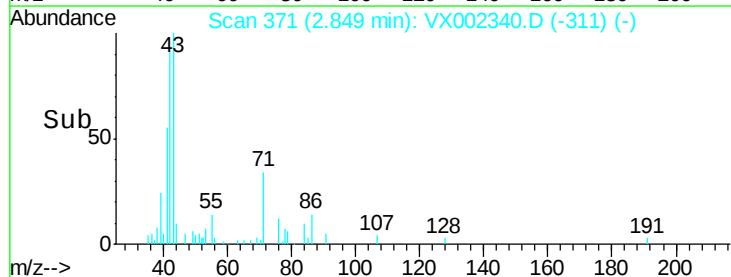
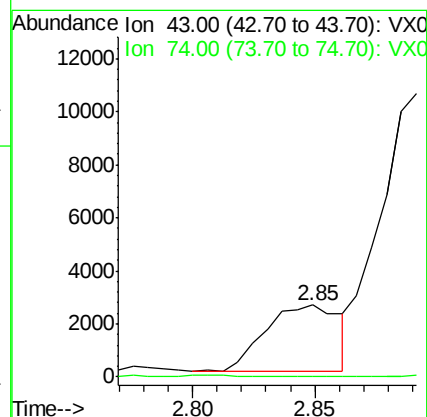
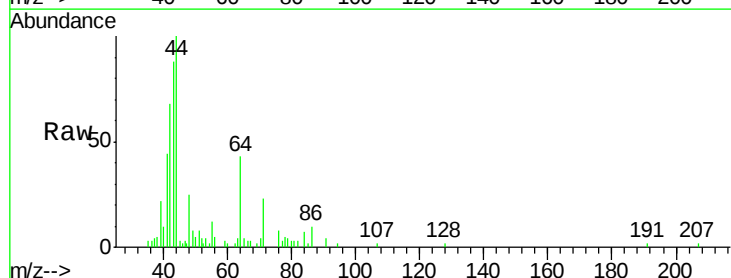
Acq: 06 Jun 2018 07:31

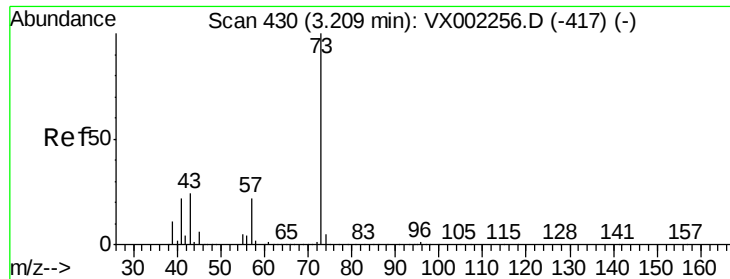
Tgt Ion: 43 Resp: 5361

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



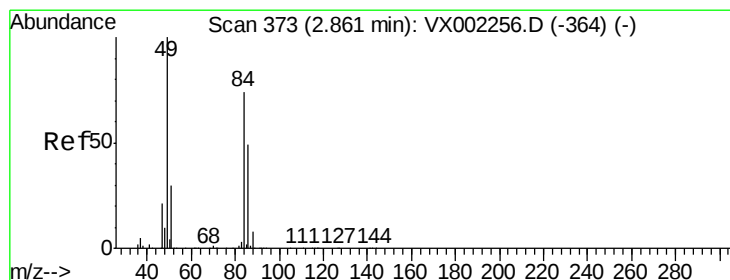
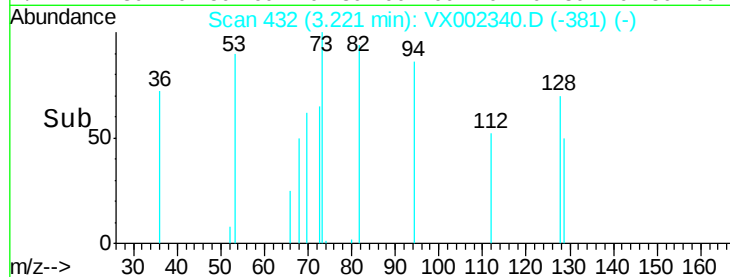
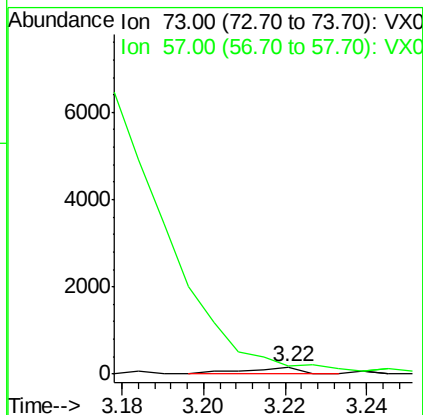
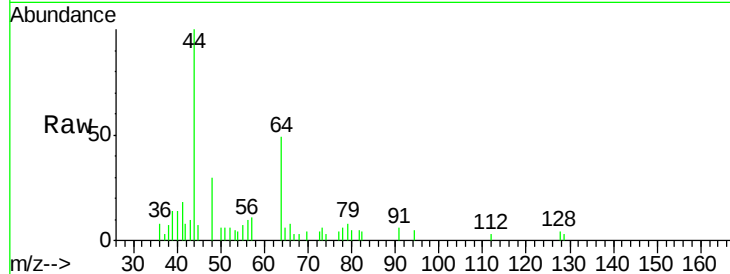


#19

Methyl tert-butyl Ether
 Concen: Below Cal
 RT: 3.22 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Instrument :
 MSVOA_X
 ClientSampled :
 MW-08

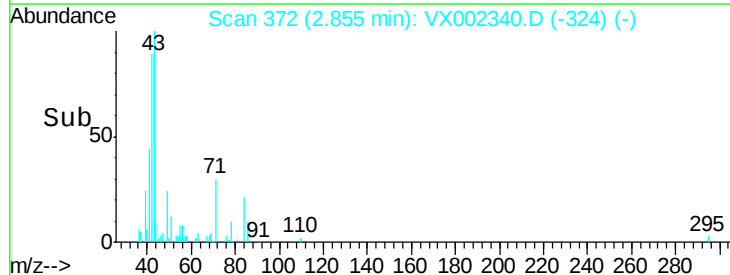
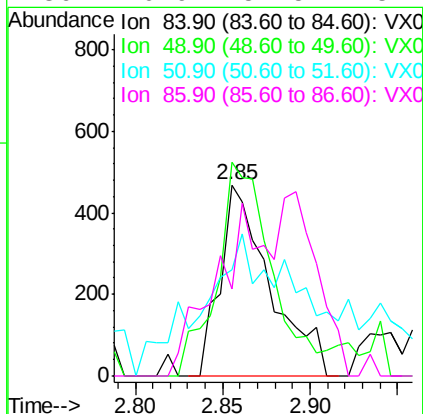
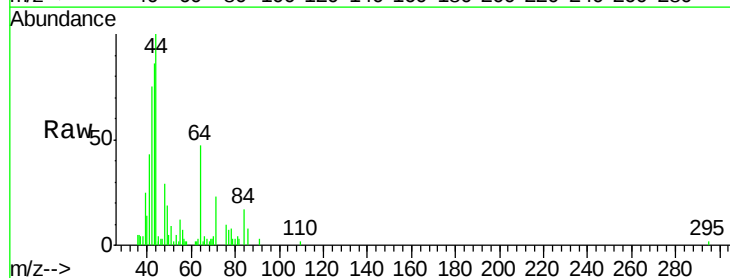
Tgt Ion: 73 Resp: 147
 Ion Ratio Lower Upper
 73 100
 57 43.1 17.7 26.5#

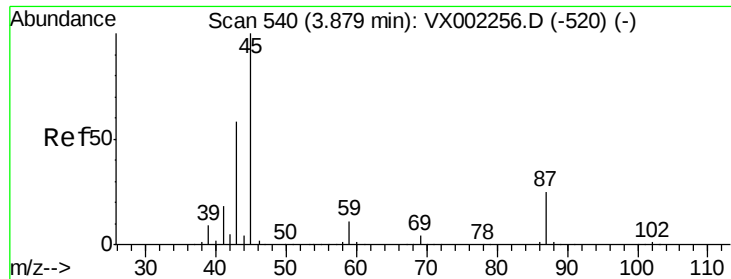


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Tgt Ion: 84 Resp: 927
 Ion Ratio Lower Upper
 84 100
 49 95.9 107.8 161.6#
 51 30.8 32.8 49.2#
 86 20.9 52.5 78.7#



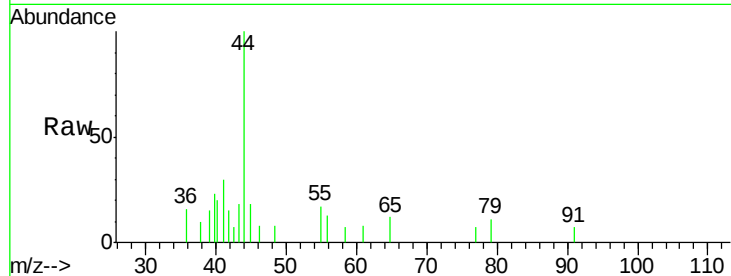


#22

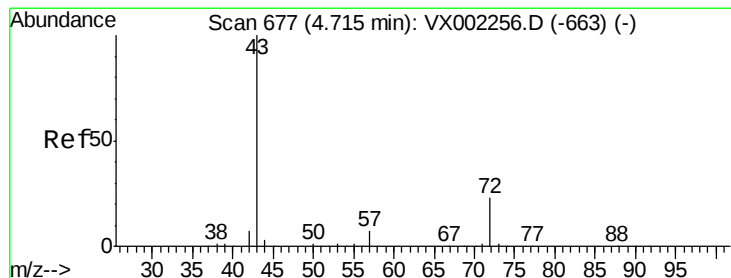
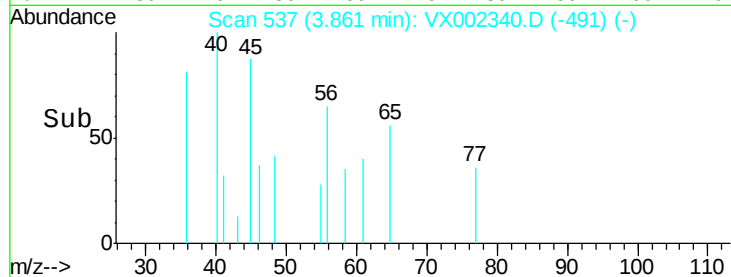
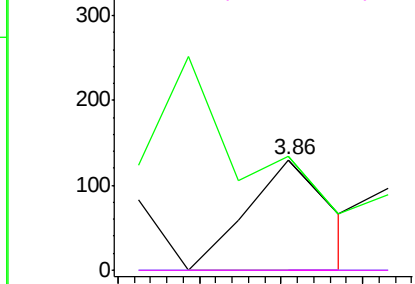
Diisopropyl ether
 Concen: Below Cal
 RT: 3.86 min Scan# 537
 Delta R.T. -0.02 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Tgt Ion:	45	Resp:	93
Ion	Ratio	Lower	Upper
45	100		
43	52.3	46.8	70.2
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#



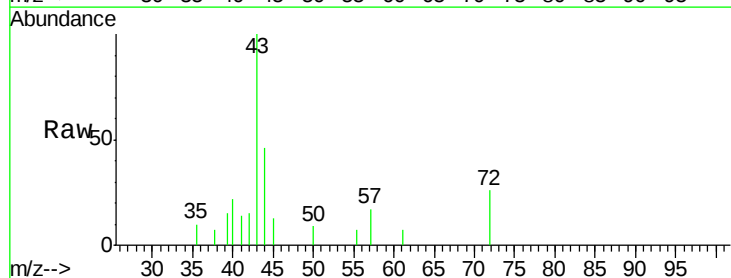
Abundance Ion 45.00 (44.70 to 45.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0
 Ion 59.00 (58.70 to 59.70): VX0



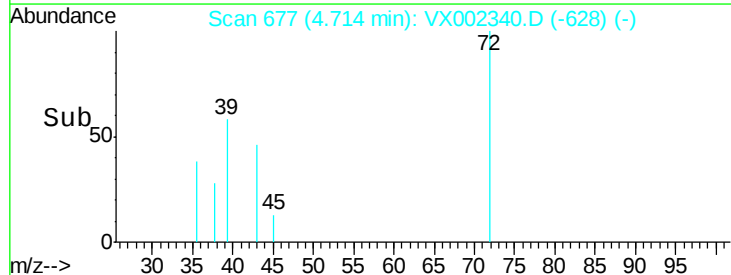
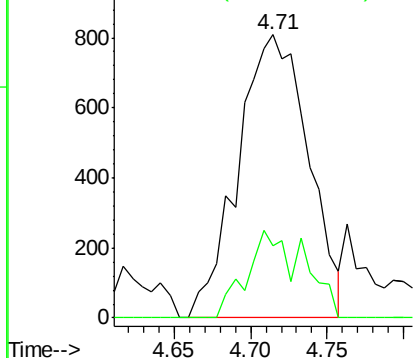
#25

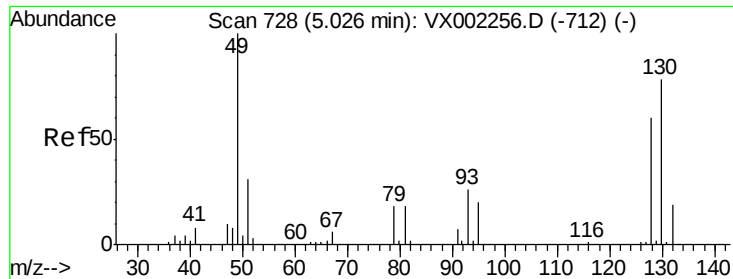
2-Butanone
 Concen: 1.15 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Tgt Ion:	43	Resp:	2583
Ion	Ratio	Lower	Upper
43	100		
72	25.6	18.5	27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

MW-08

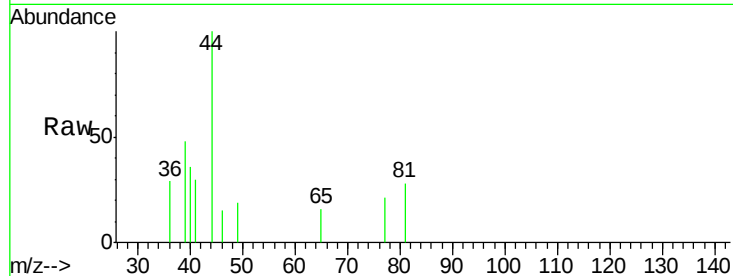
Tgt Ion: 49 Resp: 67

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

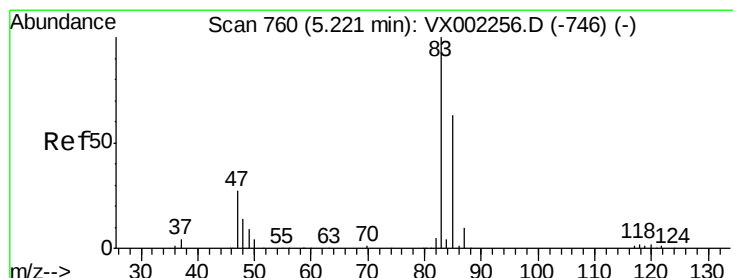
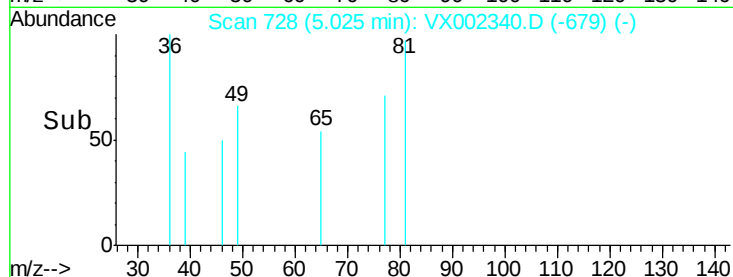
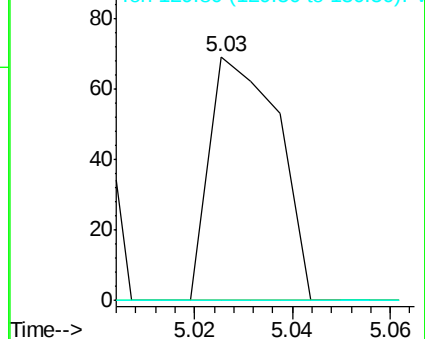
130 0.0 61.2 91.8#



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



#30

Chloroform

Concen: 0.21 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002340.D

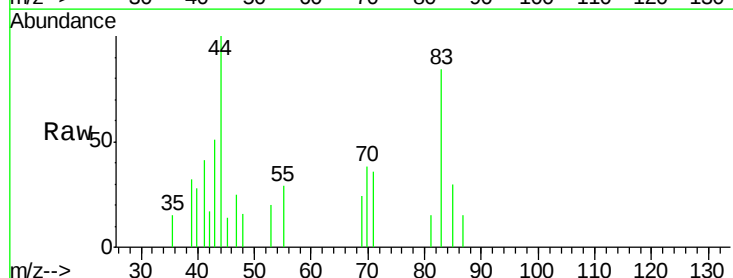
Acq: 06 Jun 2018 07:31

Tgt Ion: 83 Resp: 1040

Ion Ratio Lower Upper

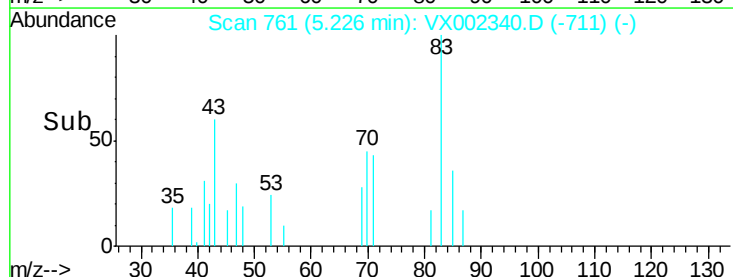
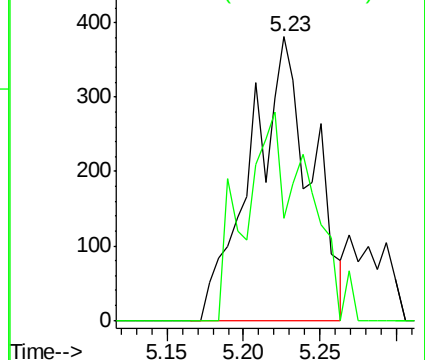
83 100

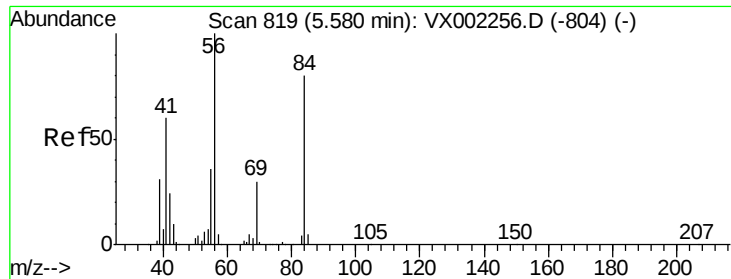
85 36.0 50.4 75.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

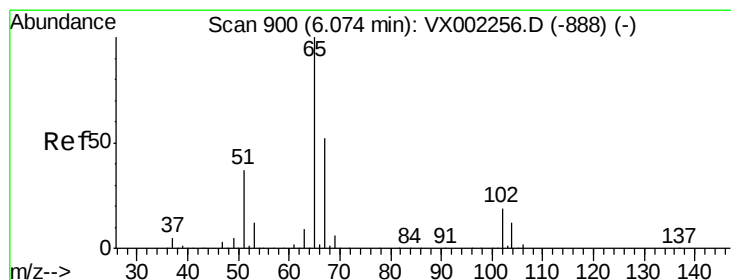
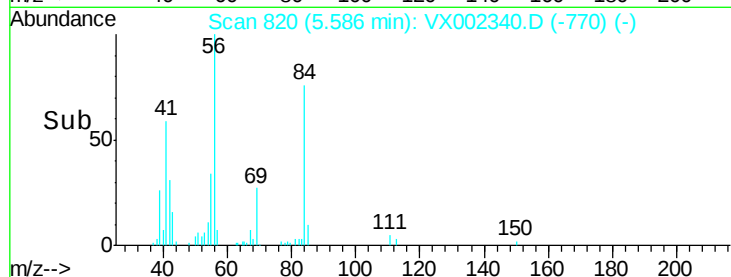
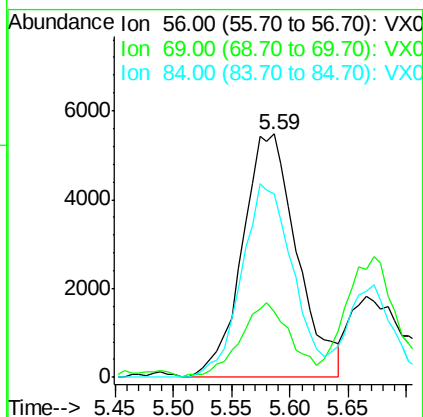
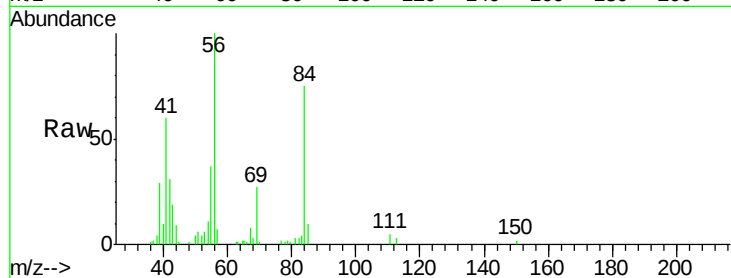




#31
Cyclohexane
Concen: 4.33 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

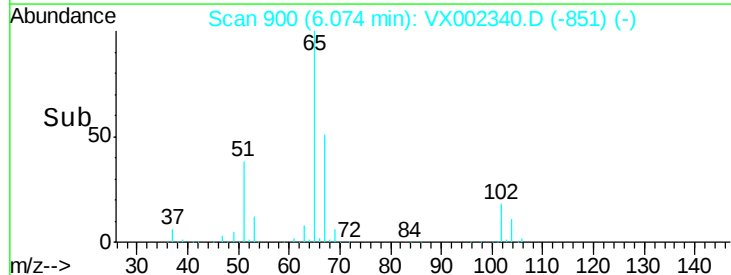
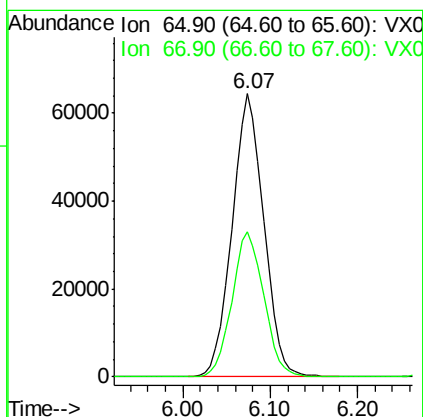
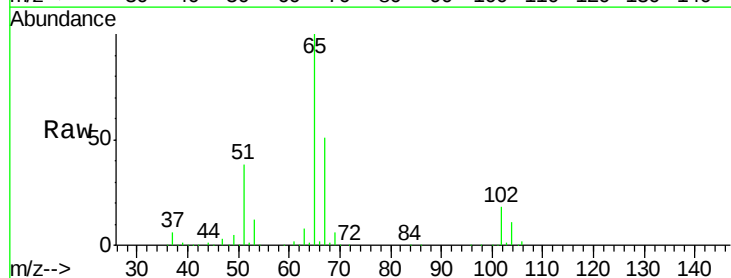
Instrument :
MSVOA_X
ClientSampleId :
MW-08

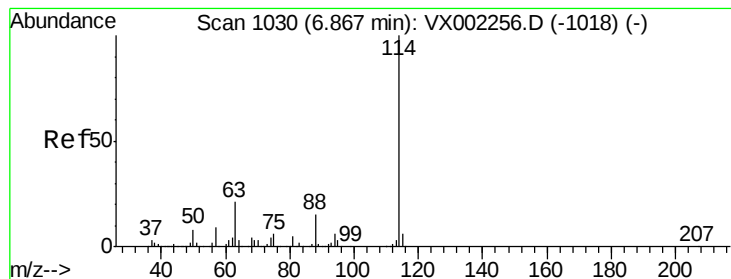
Tgt Ion: 56 Resp: 17904
Ion Ratio Lower Upper
56 100
69 25.4 23.7 35.5
84 75.3 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 49.62 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Tgt Ion: 65 Resp: 162521
Ion Ratio Lower Upper
65 100
67 51.6 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: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

MW-08

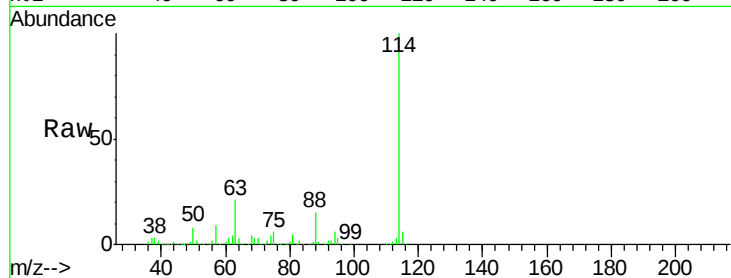
Tgt Ion:114 Resp: 335491

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

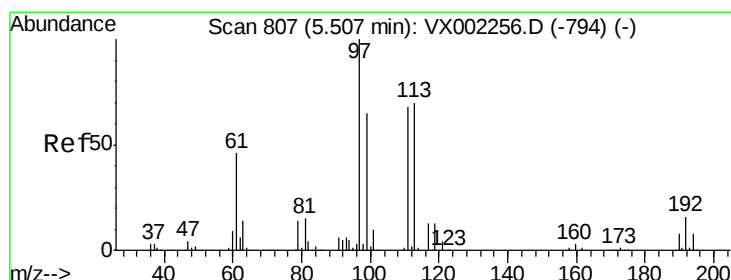
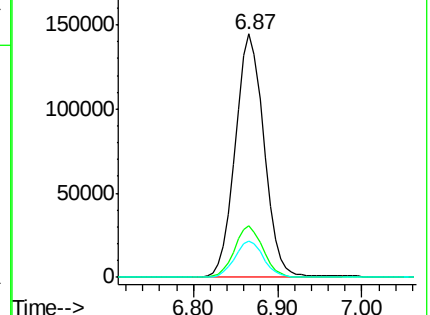
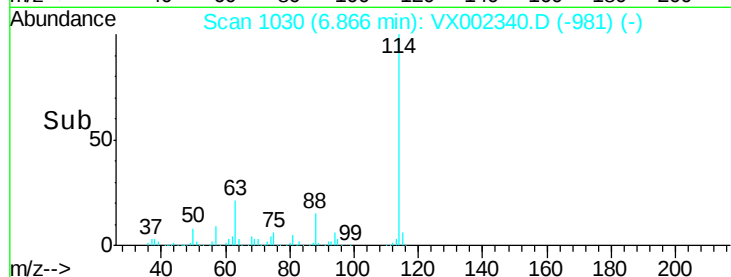
88 14.7 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 44.69 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

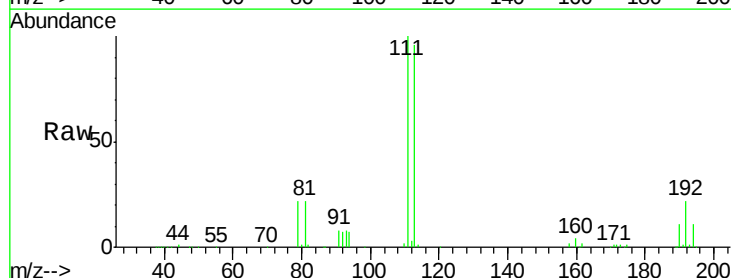
Tgt Ion:113 Resp: 117918

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

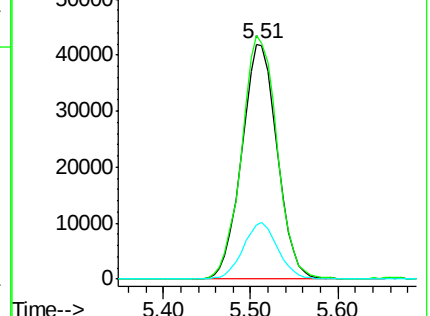
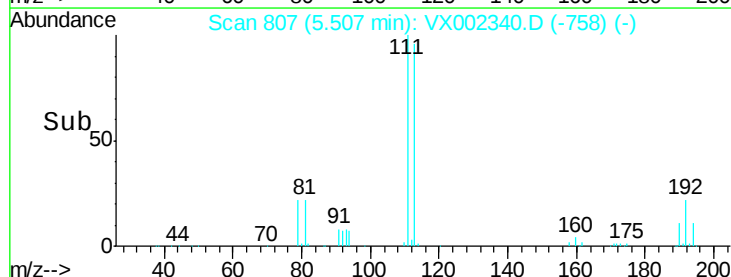
192 23.6 19.1 28.7

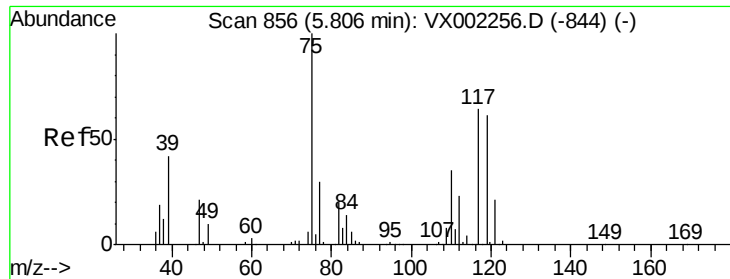


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

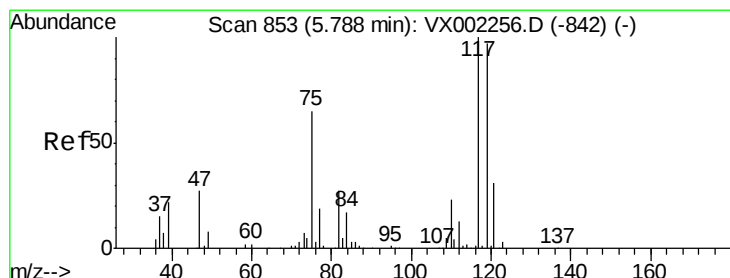
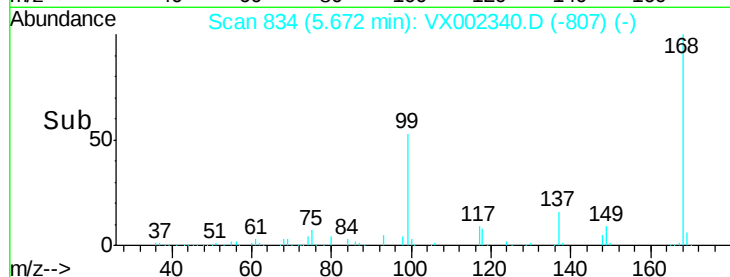
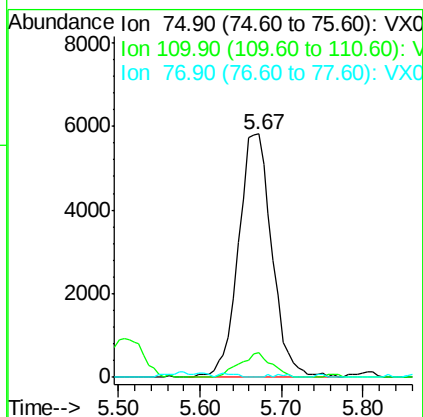
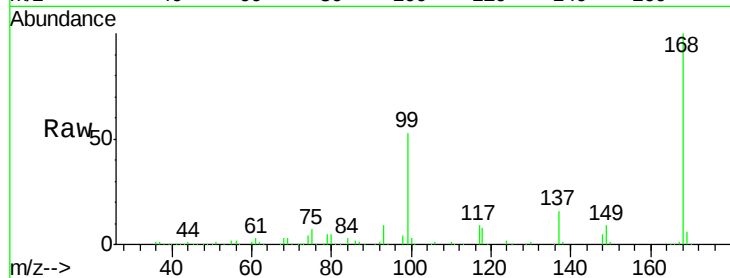




#36
 1,1-Dichloropropene
 Concen: 4.71 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

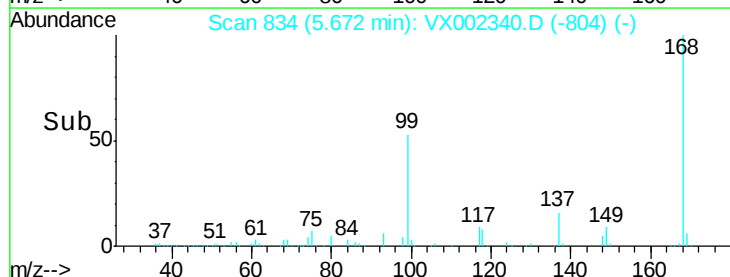
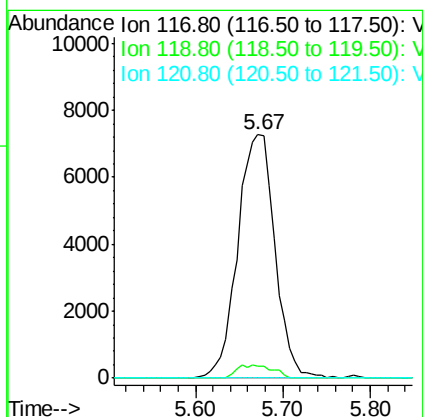
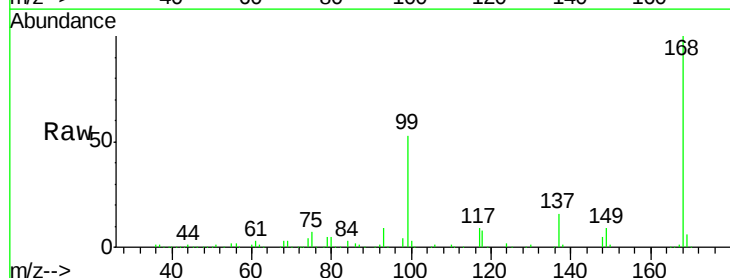
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

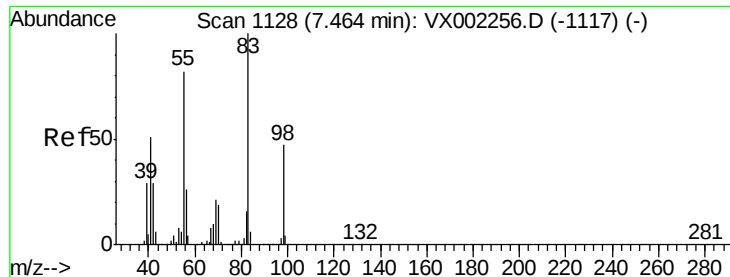
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 5.83 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.0#
121	0.0	24.4	36.6#

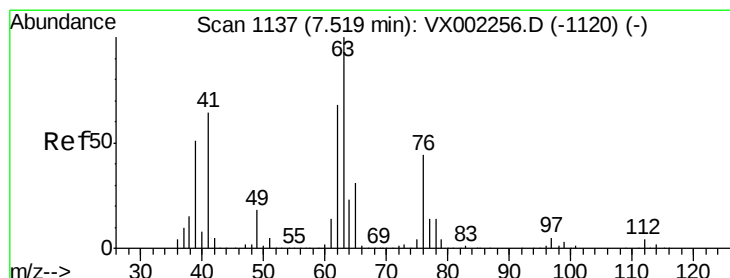
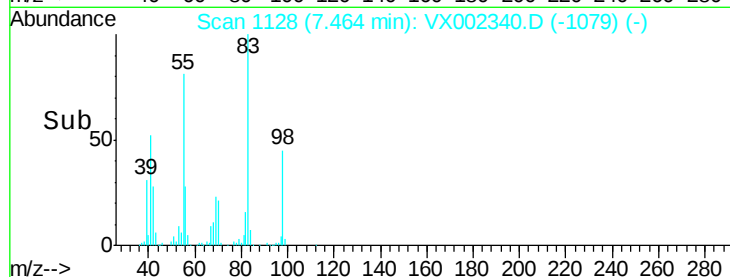
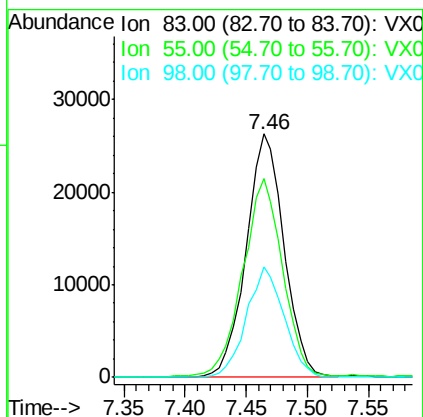
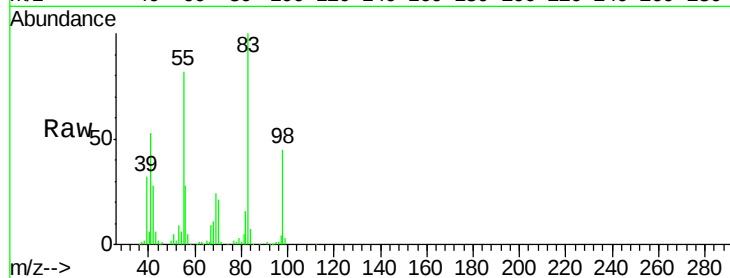




#39
Methylcyclohexane
Concen: 13.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

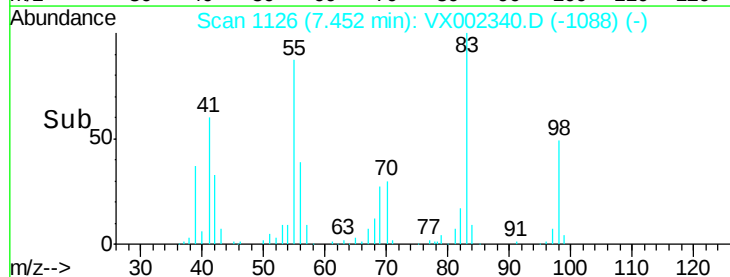
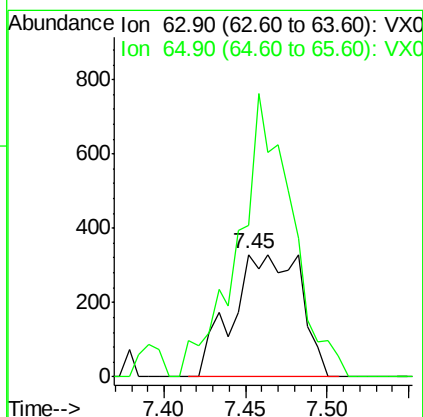
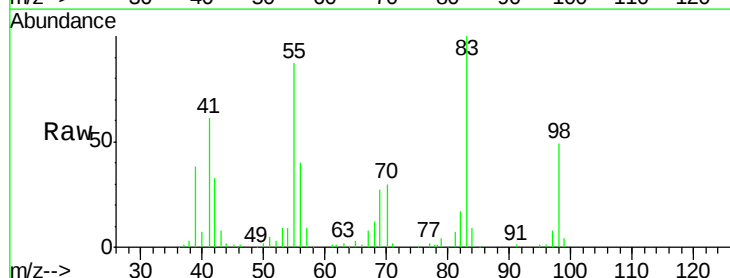
Instrument :
MSVOA_X
ClientSampleId :
MW-08

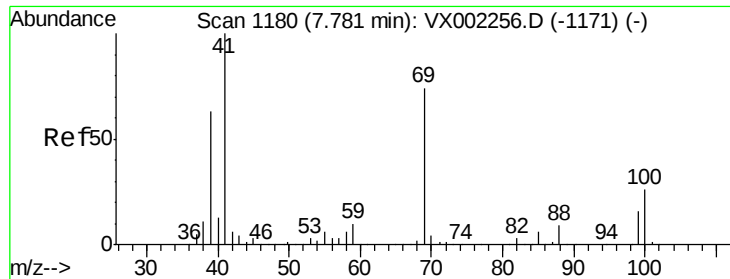
Tgt Ion: 83 Resp: 56580
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.0
98 45.2 37.4 56.0



#45
1,2-Dichloropropane
Concen: 0.33 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.07 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Tgt Ion: 63 Resp: 965
Ion Ratio Lower Upper
63 100
65 107.3 24.7 37.1#

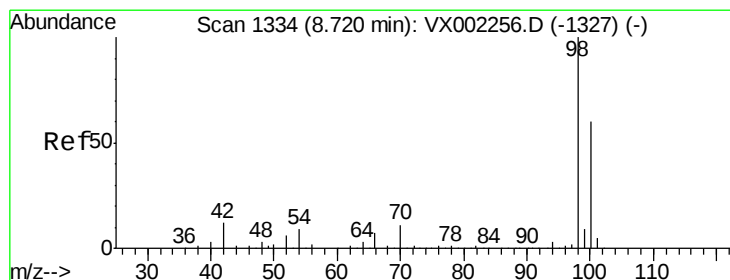
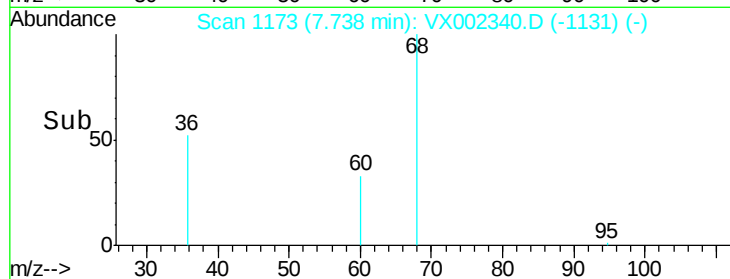
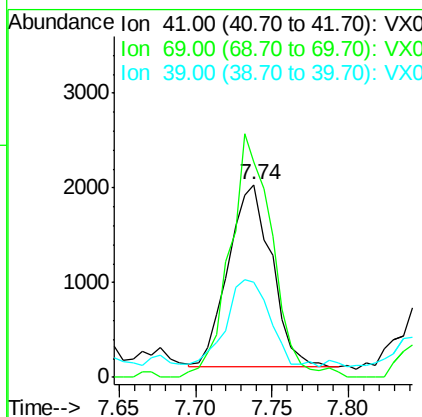
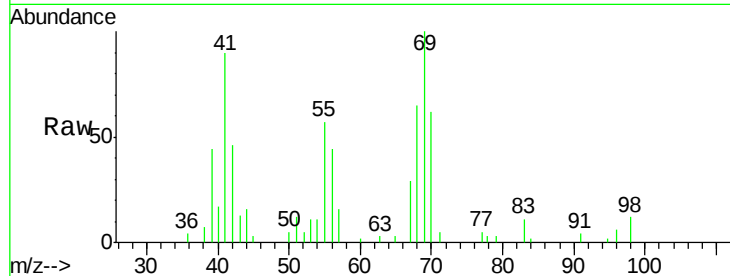




#48
Methyl methacrylate
Concen: 1.06 ug/l
RT: 7.74 min Scan# 1173
Delta R.T. -0.04 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

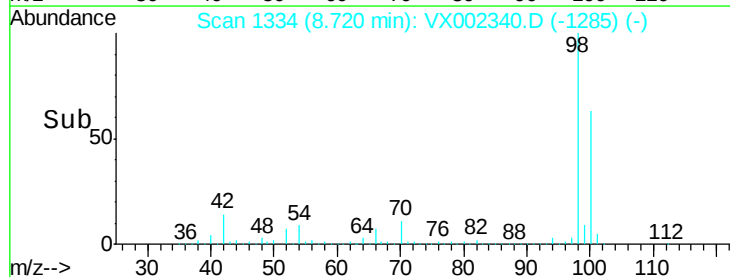
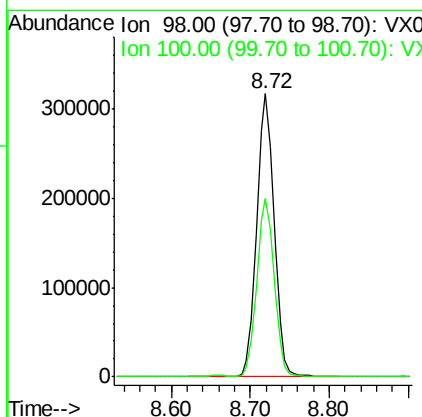
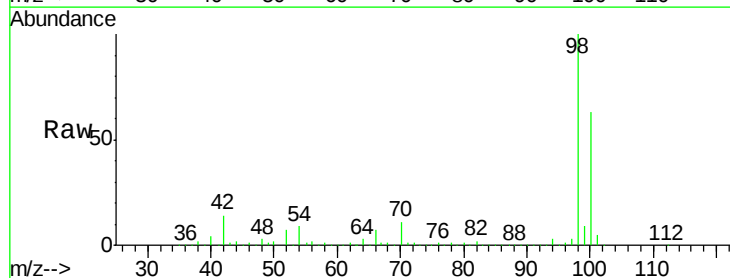
Instrument :
MSVOA_X
ClientSampleId :
MW-08

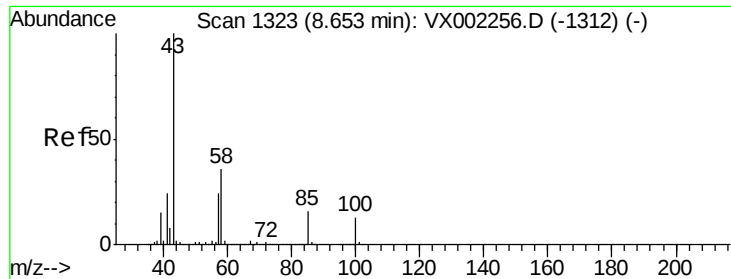
Tgt Ion: 41 Resp: 3826
Ion Ratio Lower Upper
41 100
69 128.7 59.1 88.7#
39 45.0 48.9 73.3#



#50
Toluene-d8
Concen: 48.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Tgt Ion: 98 Resp: 491266
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 5.32 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampled :

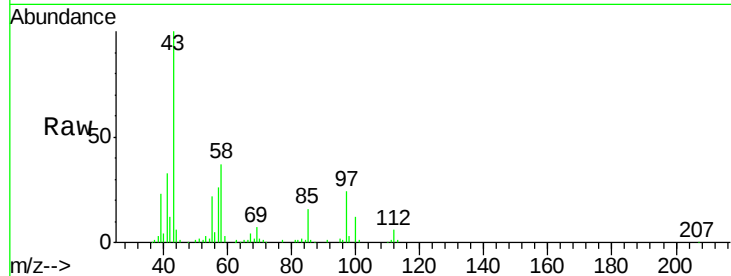
MW-08

Tgt Ion: 43 Resp: 23873

Ion Ratio Lower Upper

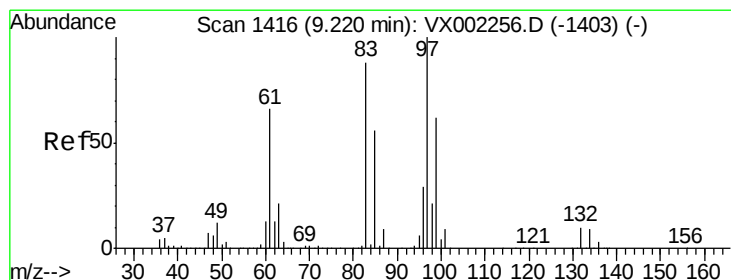
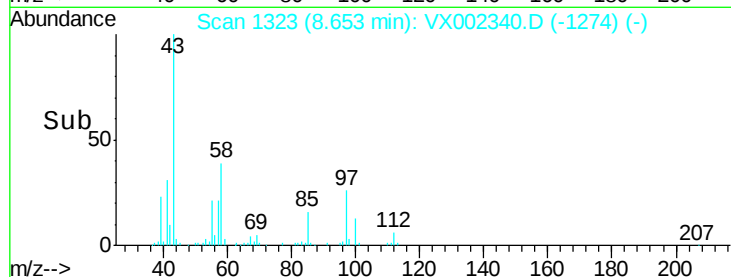
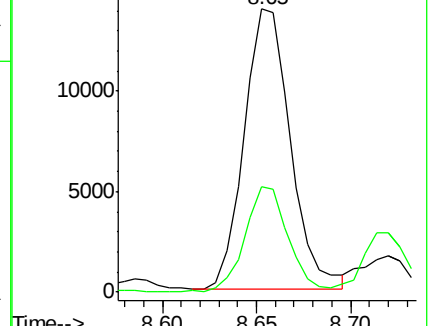
43 100

58 35.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 2.64 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Tgt Ion: 97 Resp: 7466

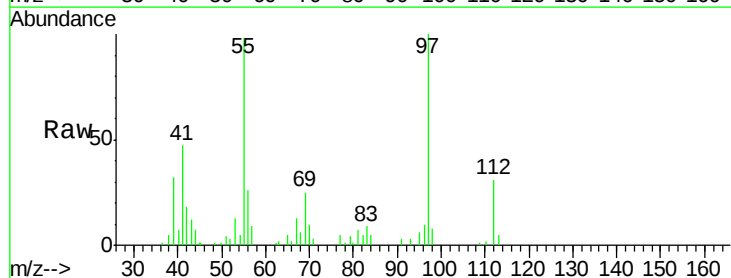
Ion Ratio Lower Upper

97 100

83 7.0 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

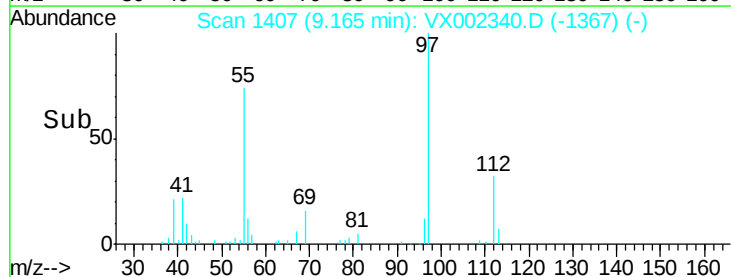
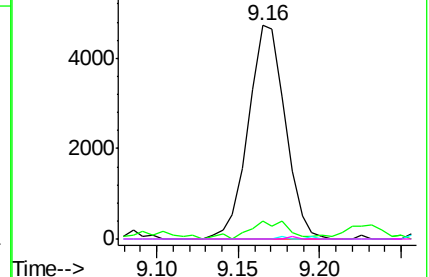


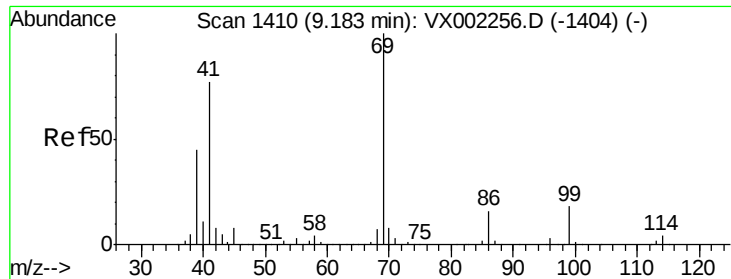
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

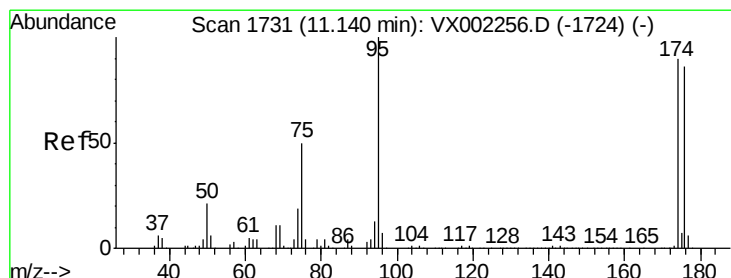
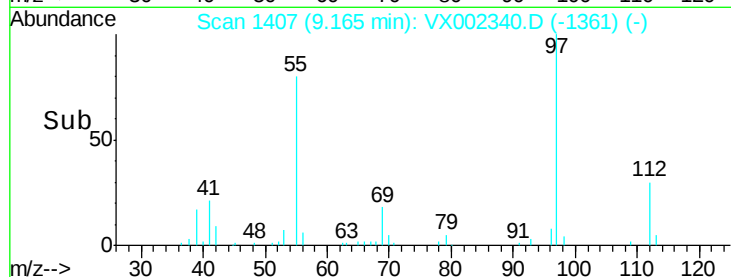
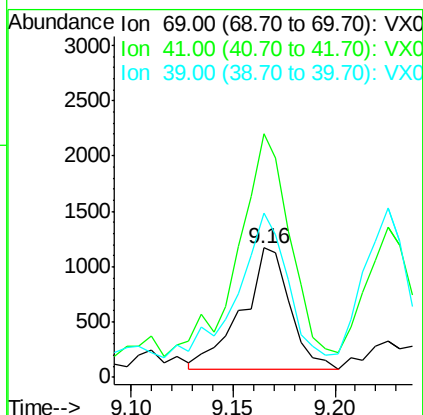
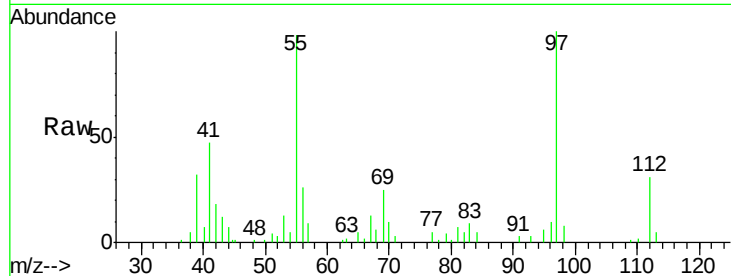




#56
Ethyl methacrylate
Concen: 0.40 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

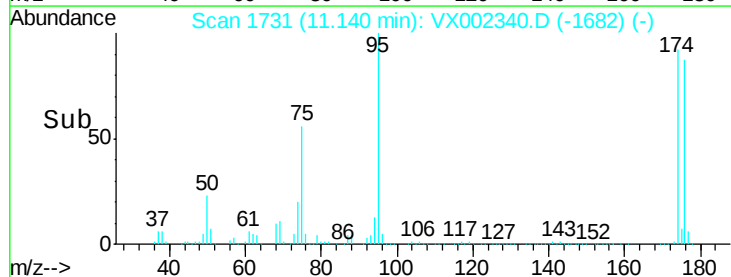
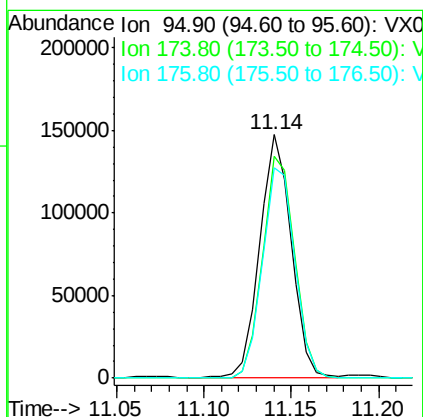
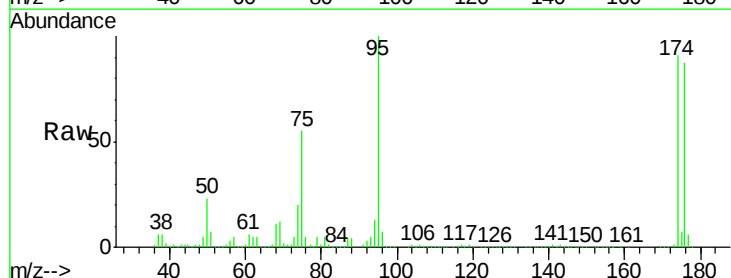
Instrument :
MSVOA_X
ClientSampled :
MW-08

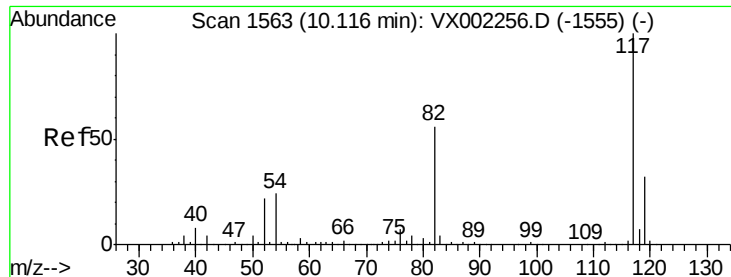
Tgt Ion: 69 Resp: 1812
Ion Ratio Lower Upper
69 100
41 193.5 60.3 90.5#
39 119.5 35.8 53.8#



#62
4-Bromofluorobenzene
Concen: 47.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Tgt Ion: 95 Resp: 183903
Ion Ratio Lower Upper
95 100
174 93.2 0.0 187.4
176 89.7 0.0 181.0

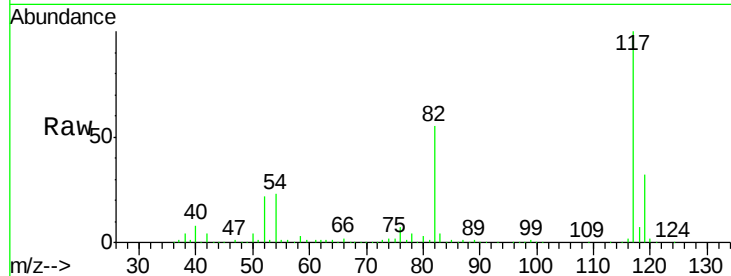




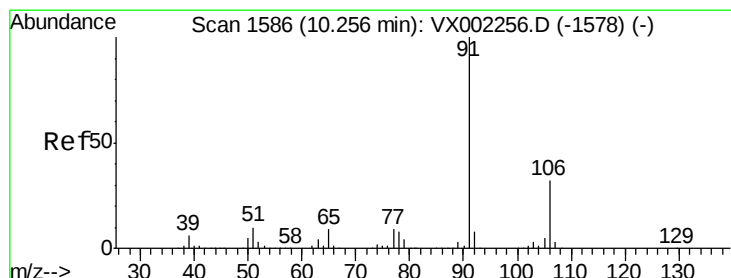
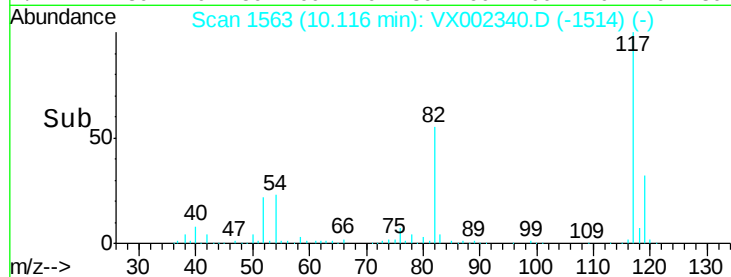
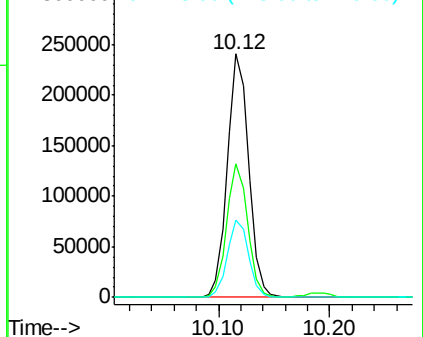
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Instrument :
MSVOA_X
ClientSampled :
MW-08

Tgt Ion: 117 Resp: 319549
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.8 25.8 38.6

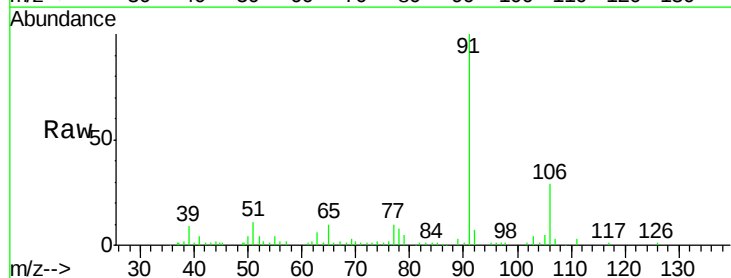


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

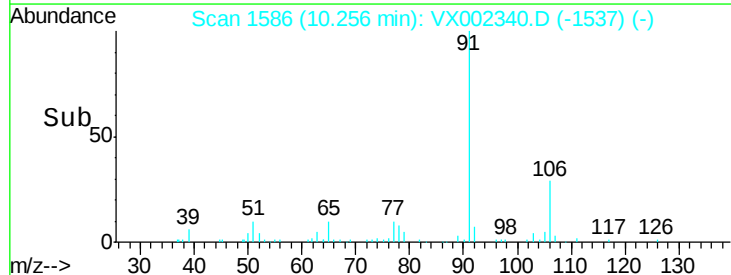
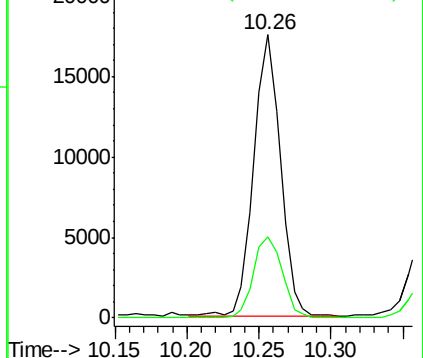


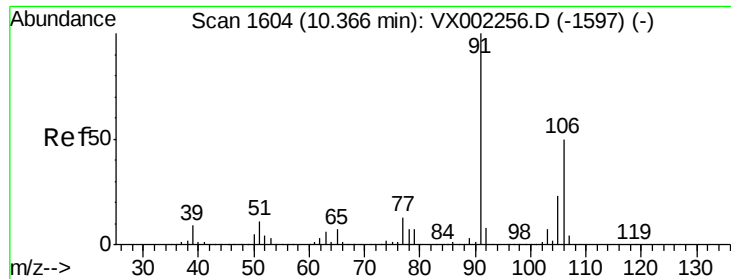
#67
Ethyl Benzene
Concen: 1.69 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Tgt Ion: 91 Resp: 22452
Ion Ratio Lower Upper
91 100
106 28.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

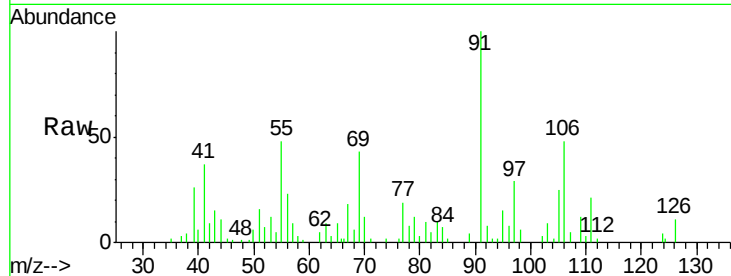




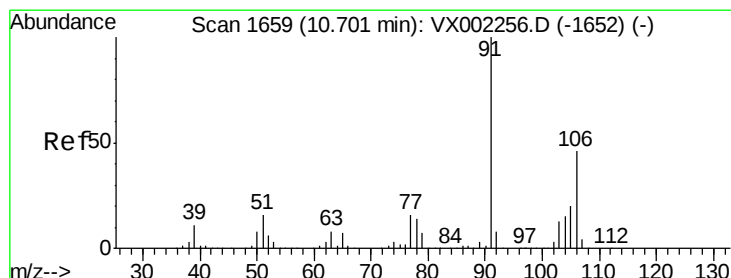
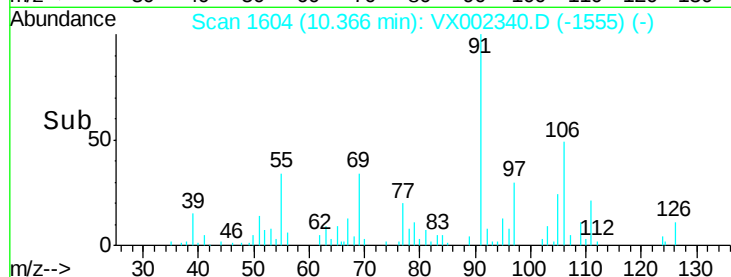
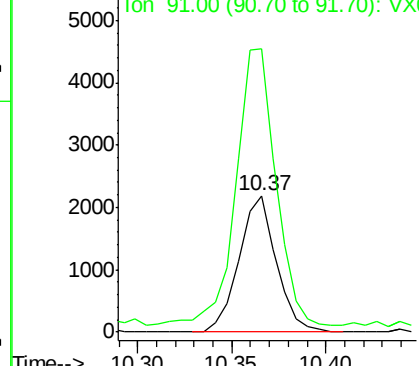
#68
m/p-Xylenes
Concen: 0.58 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Instrument :
MSVOA_X
ClientSampled :
MW-08

Tgt Ion:106 Resp: 3004
Ion Ratio Lower Upper
106 100
91 215.1 163.4 245.2

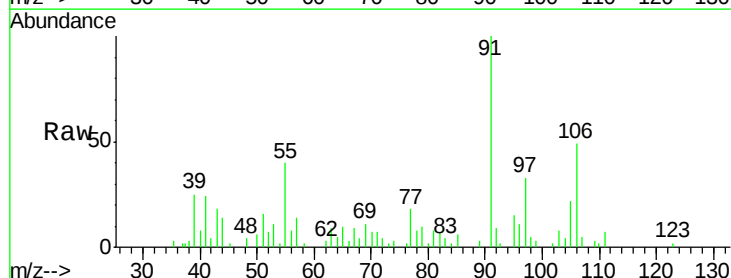


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

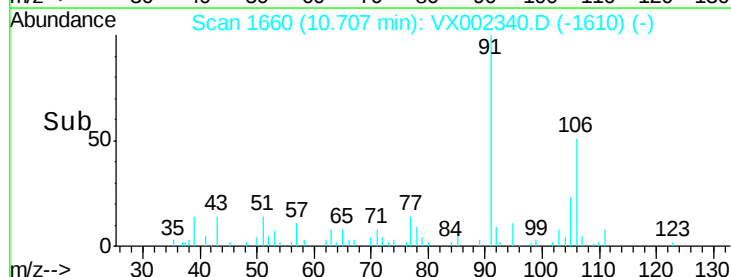
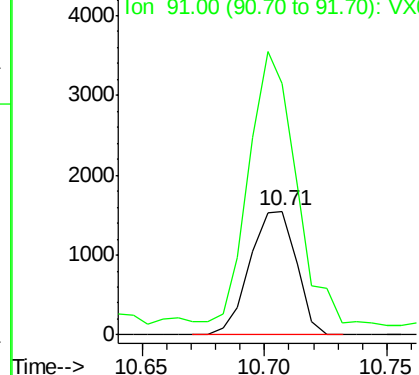


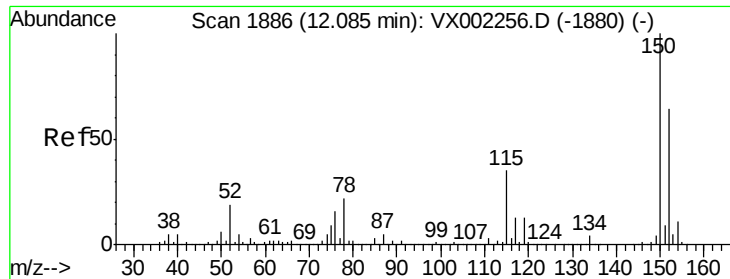
#69
o-Xylene
Concen: 0.40 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Tgt Ion:106 Resp: 2057
Ion Ratio Lower Upper
106 100
91 228.3 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampled :

MW-08

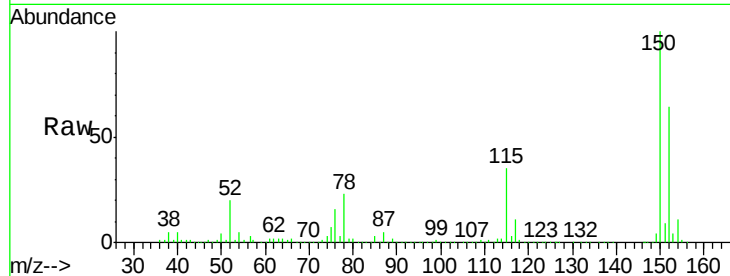
Tgt Ion:152 Resp: 197968

Ion Ratio Lower Upper

152 100

115 56.7 40.1 120.2

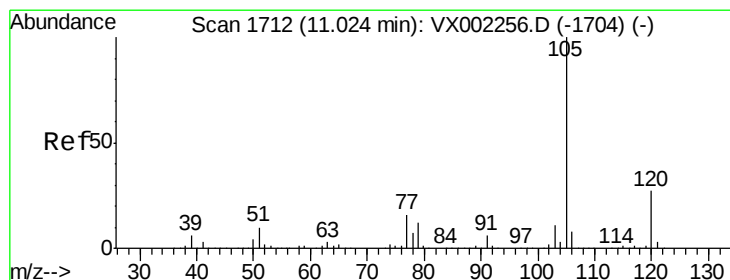
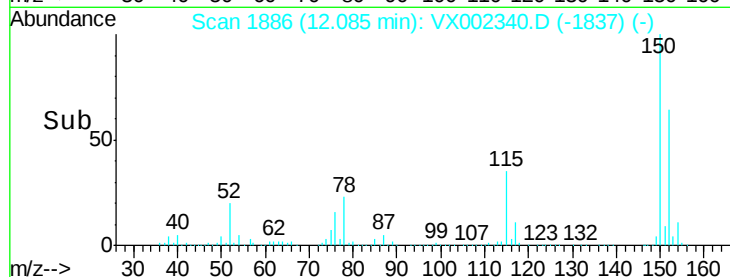
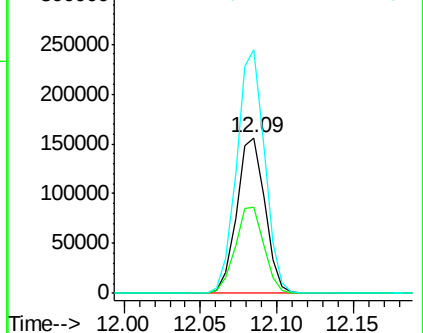
150 155.9 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.53 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002340.D

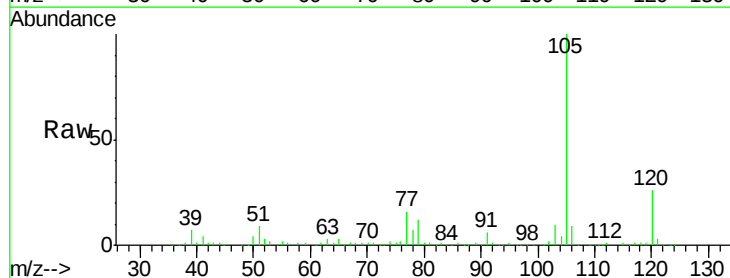
Acq: 06 Jun 2018 07:31

Tgt Ion:105 Resp: 62357

Ion Ratio Lower Upper

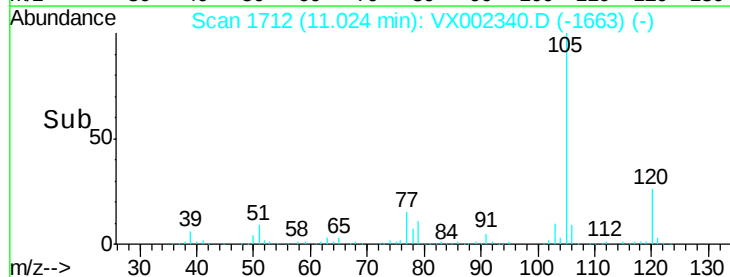
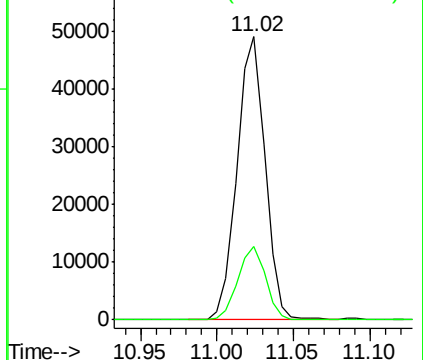
105 100

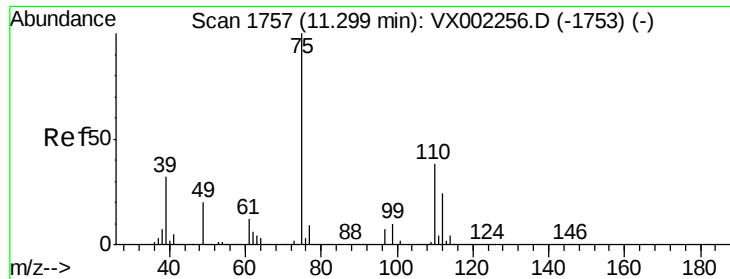
120 26.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 22.78 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

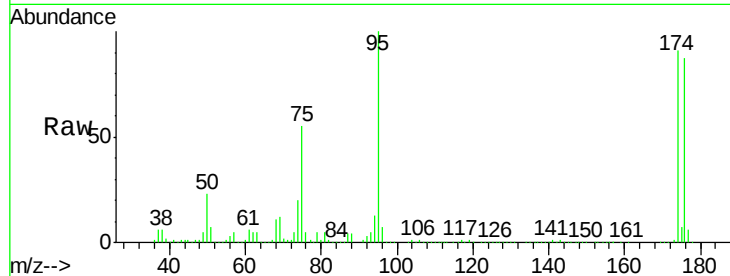
MW-08

Tgt Ion: 75 Resp: 98944

Ion Ratio Lower Upper

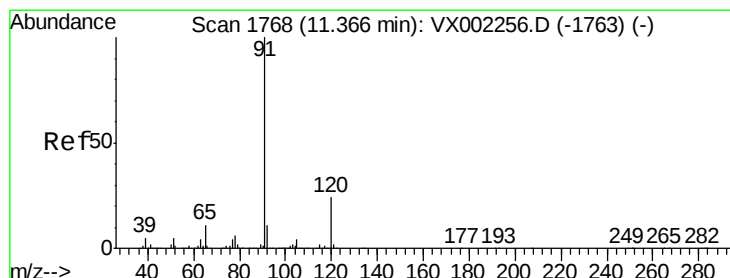
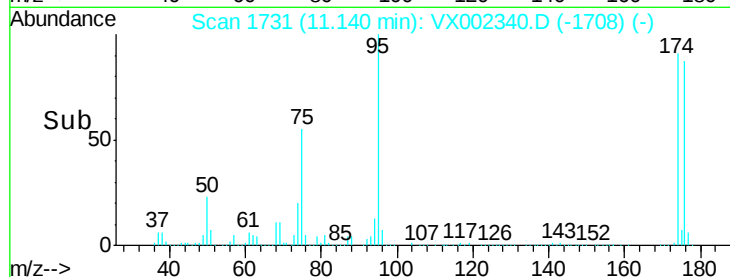
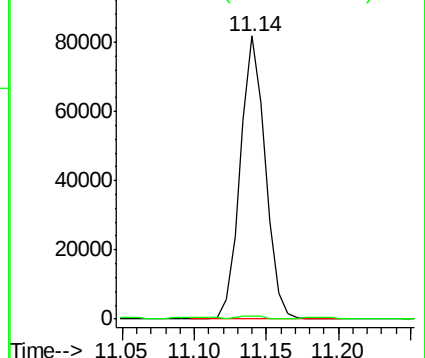
75 100

77 0.7 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: 6.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002340.D

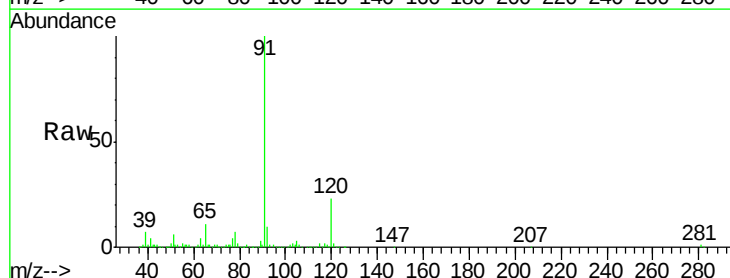
Acq: 06 Jun 2018 07:31

Tgt Ion: 91 Resp: 96393

Ion Ratio Lower Upper

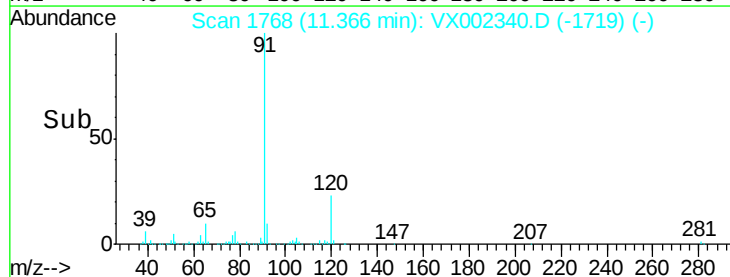
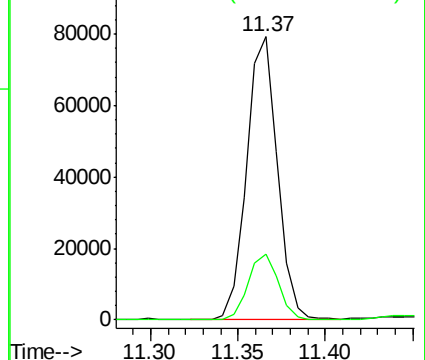
91 100

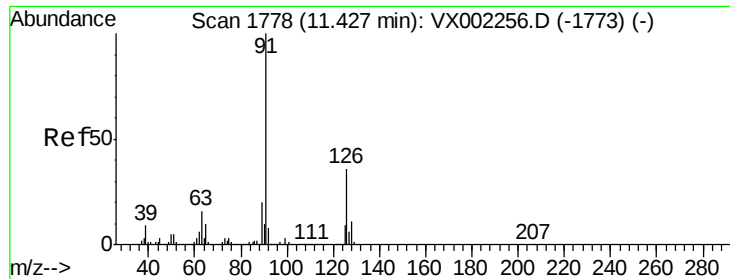
120 22.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

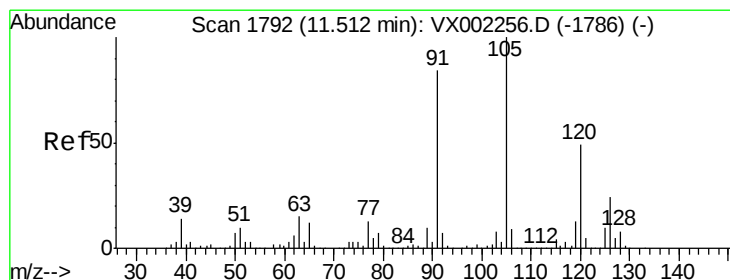
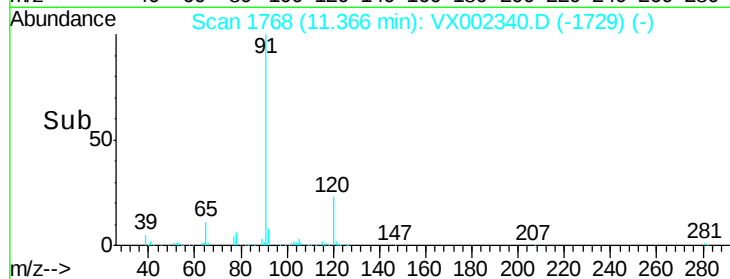
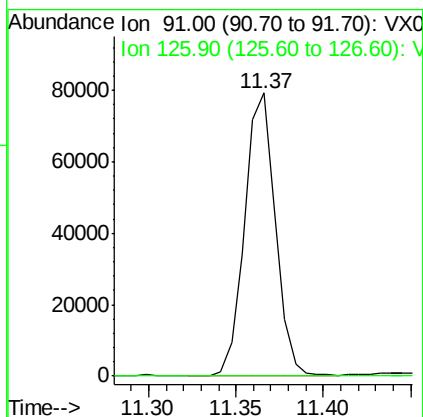
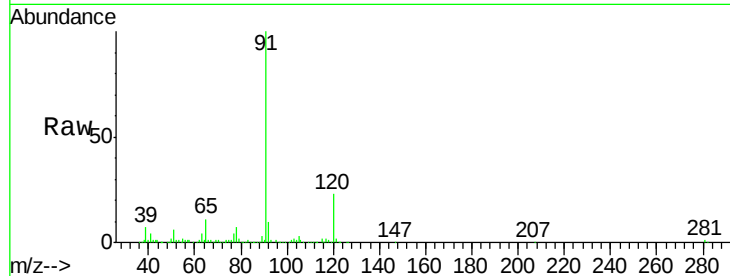




#79
 2-Chlorotoluene
 Concen: 9.97 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.06 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

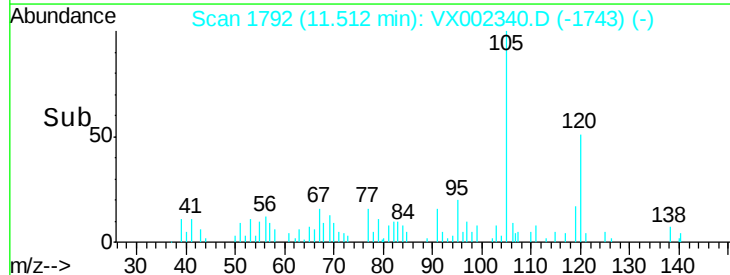
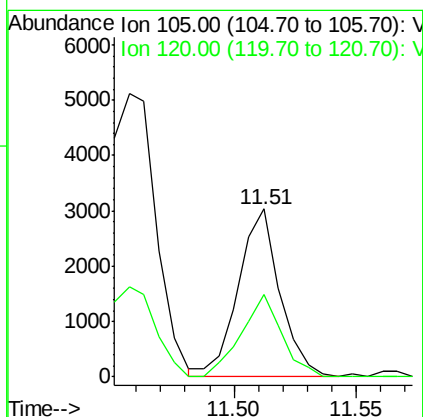
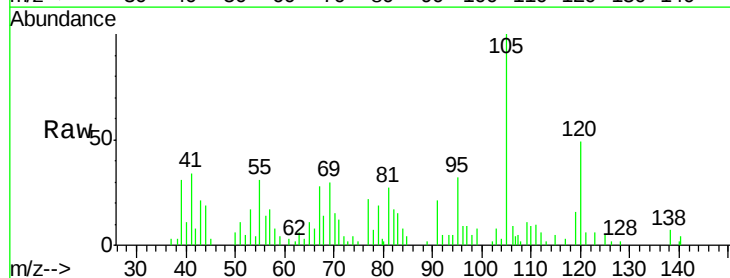
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

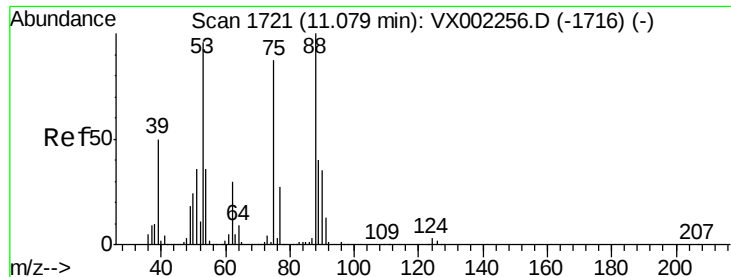
Tgt Ion: 91 Resp: 96393
 Ion Ratio Lower Upper
 91 100
 126 0.5 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.31 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Tgt Ion: 105 Resp: 3623
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 79.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

MW-08

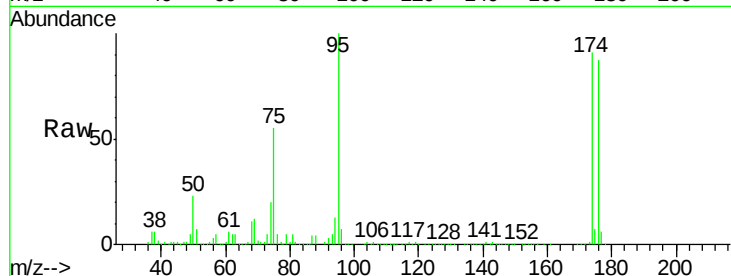
Tgt Ion: 75 Resp: 98944

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

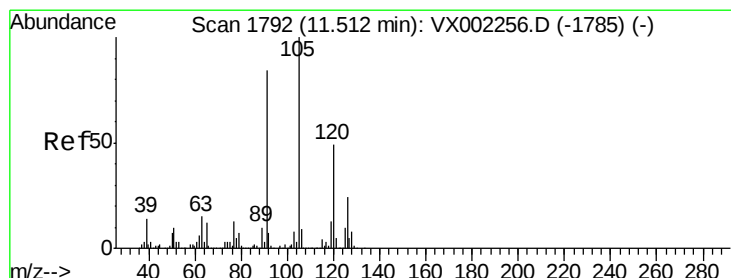
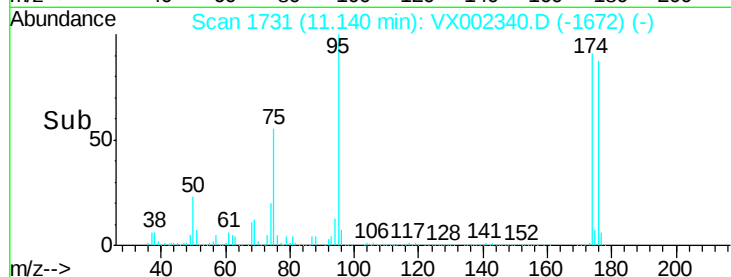
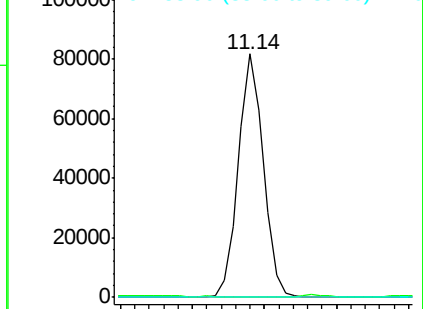
89 0.1 38.2 57.2#



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: 8.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002340.D

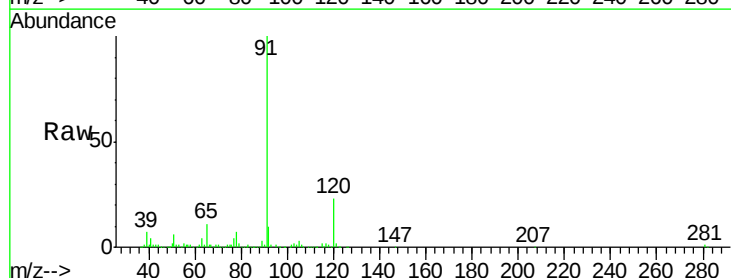
Acq: 06 Jun 2018 07:31

Tgt Ion: 91 Resp: 96393

Ion Ratio Lower Upper

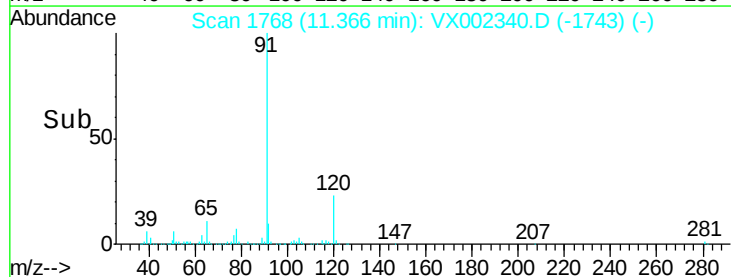
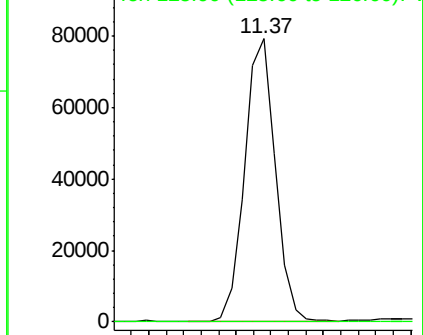
91 100

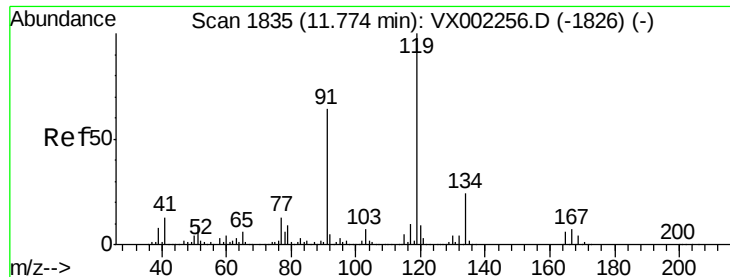
126 0.5 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

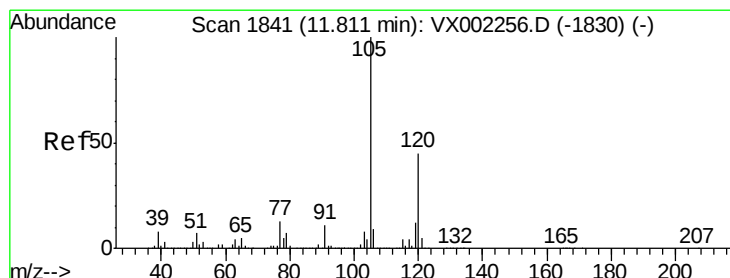
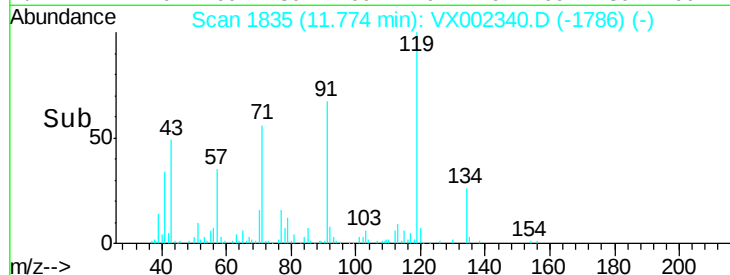
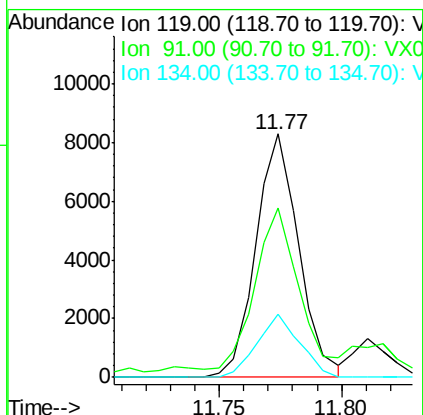
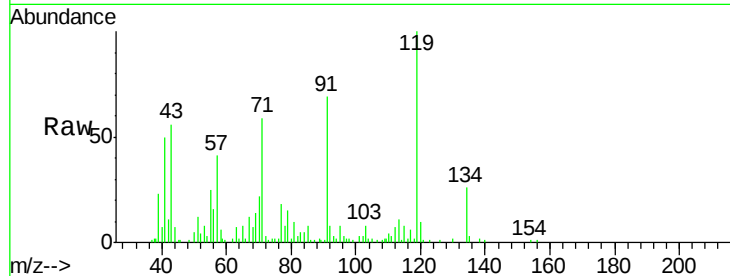




#83
 tert-Butylbenzene
 Concen: 0.88 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

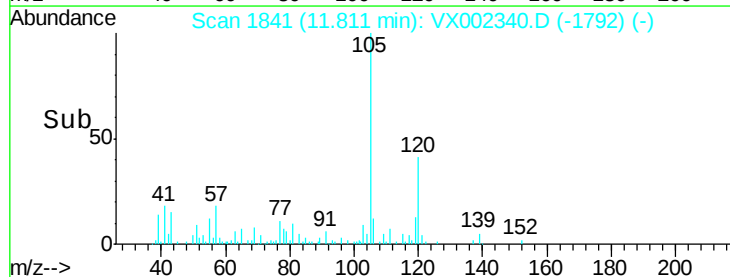
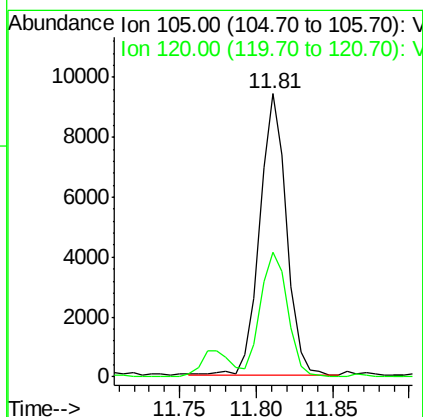
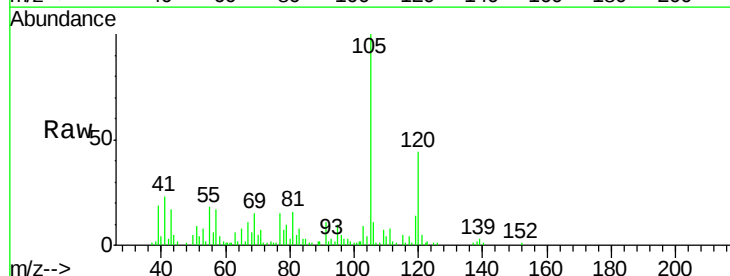
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

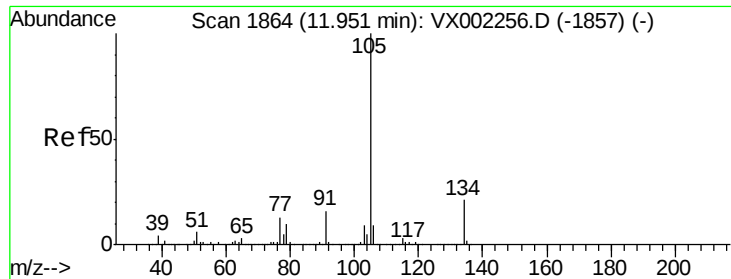
Tgt Ion:119 Resp: 10072
 Ion Ratio Lower Upper
 119 100
 91 70.3 30.3 90.9
 134 25.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.94 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Tgt Ion:105 Resp: 11462
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 3.59 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

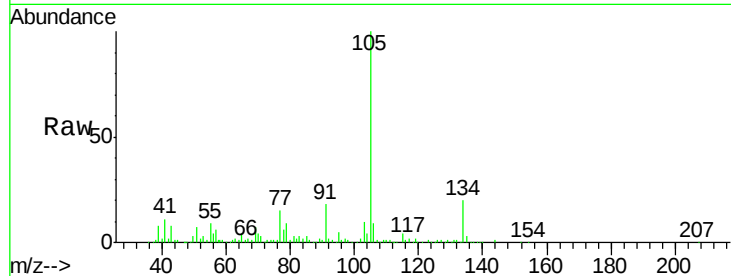
MW-08

Tgt Ion:105 Resp: 48390

Ion Ratio Lower Upper

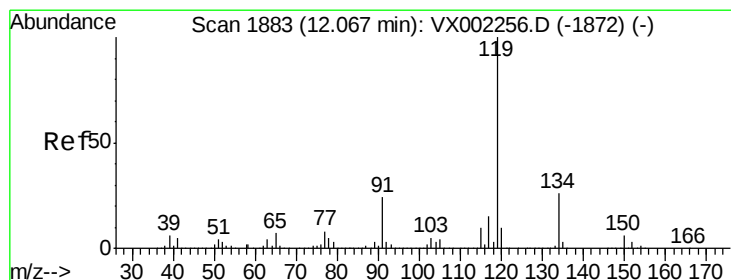
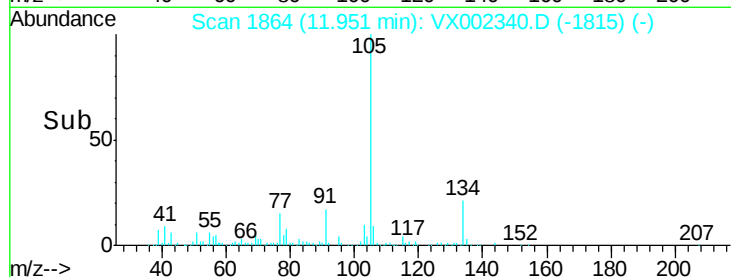
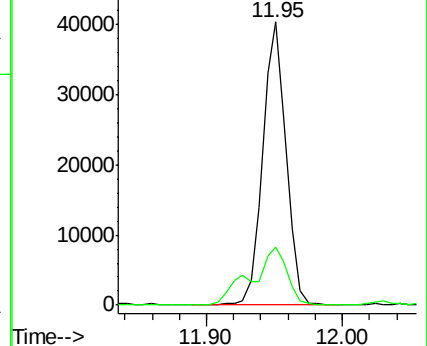
105 100

134 31.6 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: 2.30 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002340.D

Acq: 06 Jun 2018 07:31

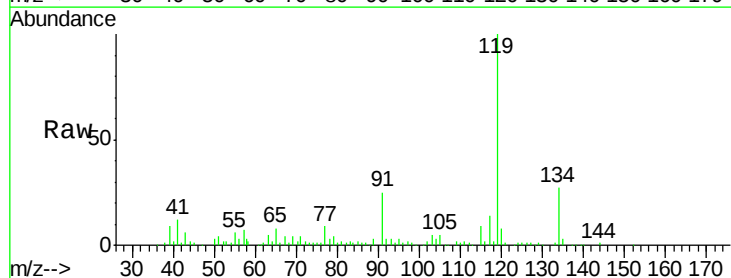
Tgt Ion:119 Resp: 28214

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

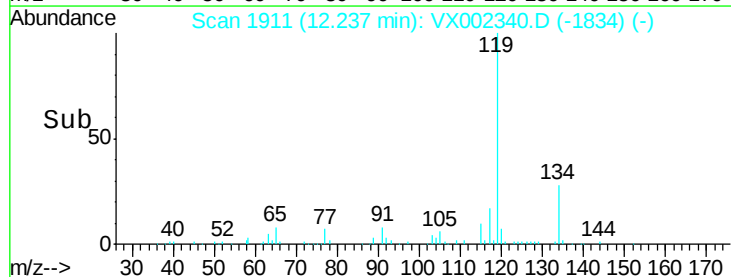
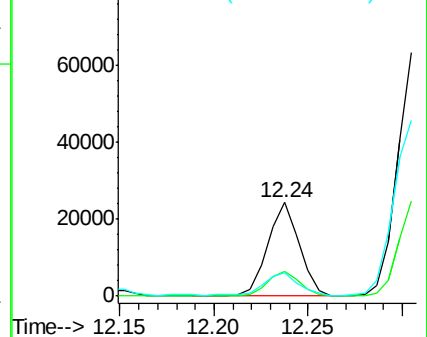
91 25.0 11.9 35.7

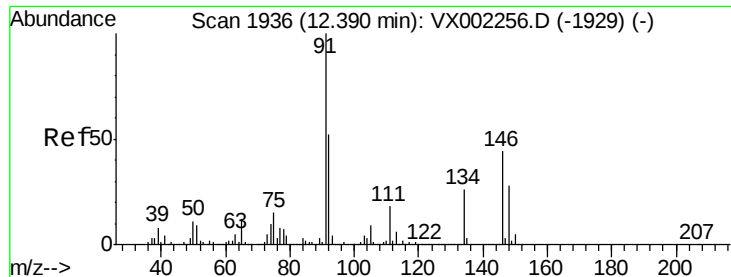


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

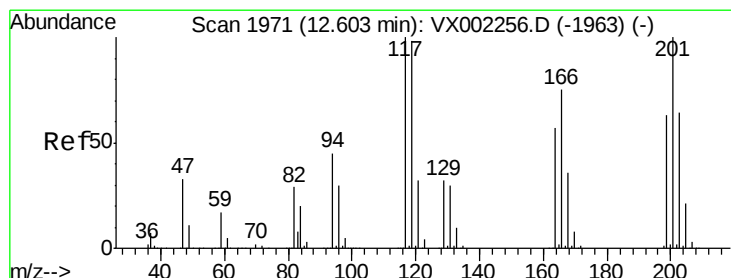
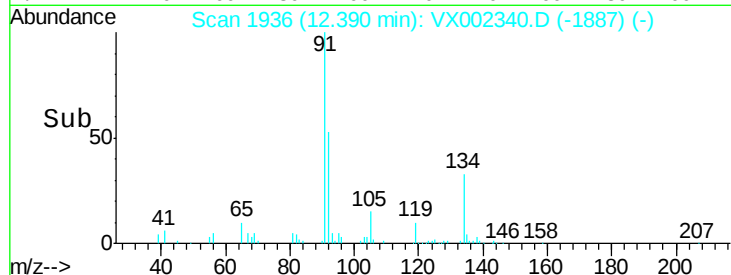
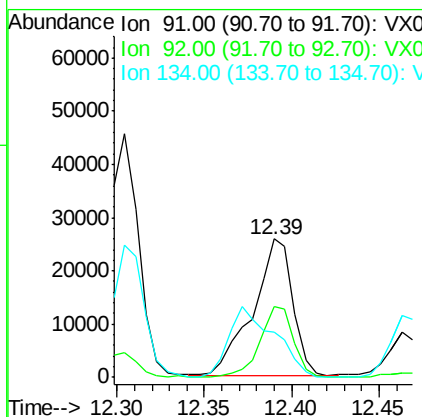
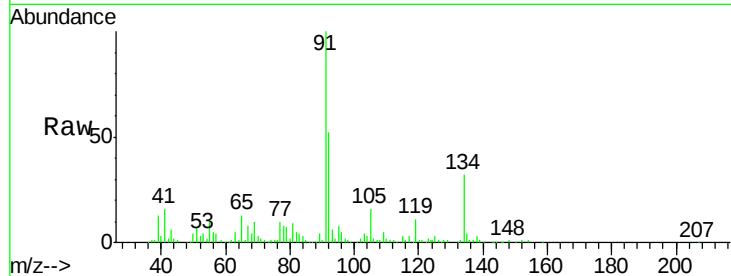




#89
n-Butylbenzene
Concen: 3.97 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

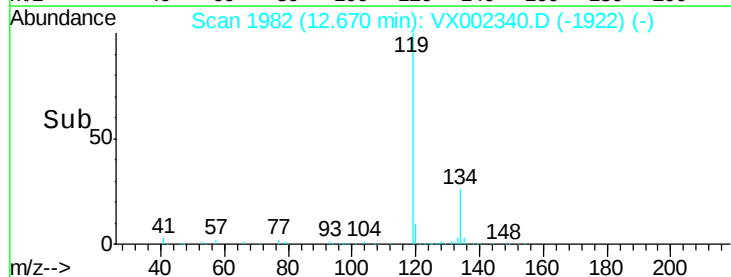
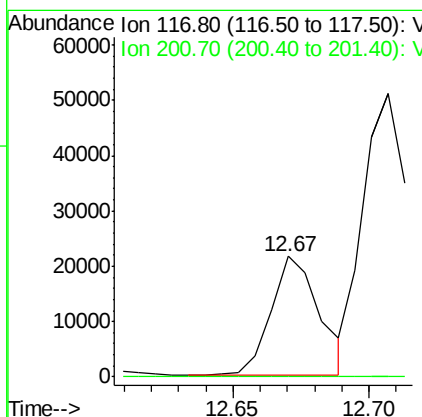
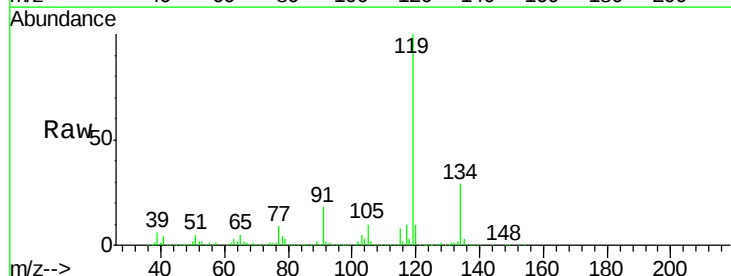
Instrument :
MSVOA_X
ClientSampled :
MW-08

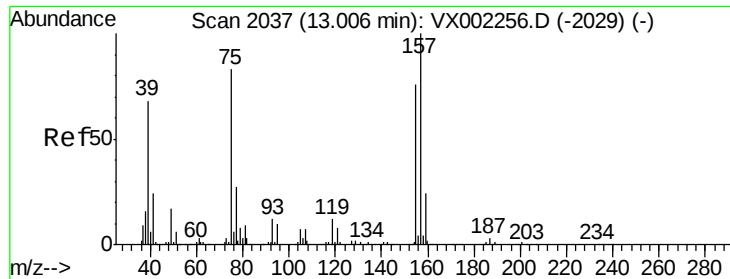
Tgt Ion: 91 Resp: 40896
Ion Ratio Lower Upper
91 100
92 44.1 26.0 78.0
134 59.5 13.5 40.5#



#90
Hexachloroethane
Concen: 13.54 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002340.D
Acq: 06 Jun 2018 07:31

Tgt Ion: 117 Resp: 26544
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

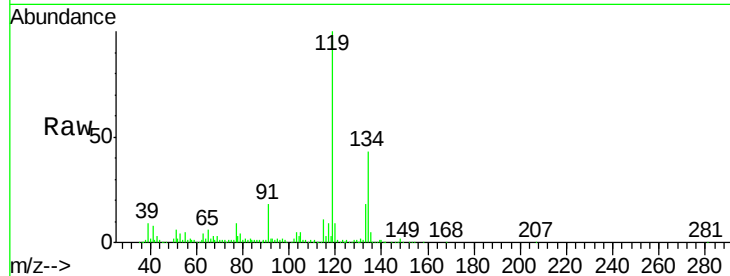




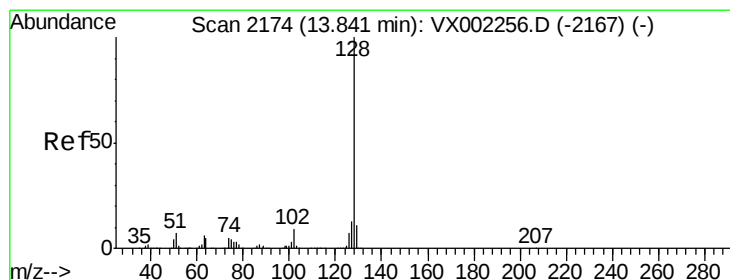
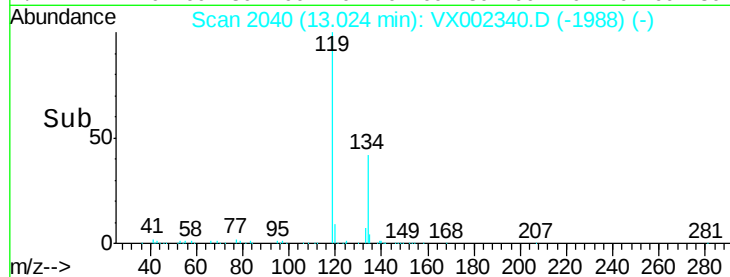
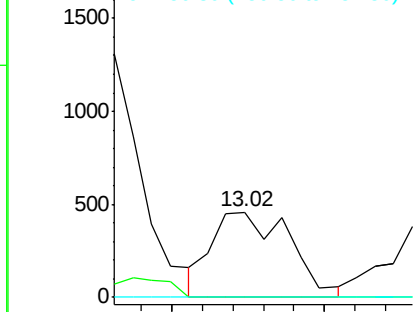
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.85 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Tgt Ion: 75 Resp: 807
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 0.0 60.1 180.3#

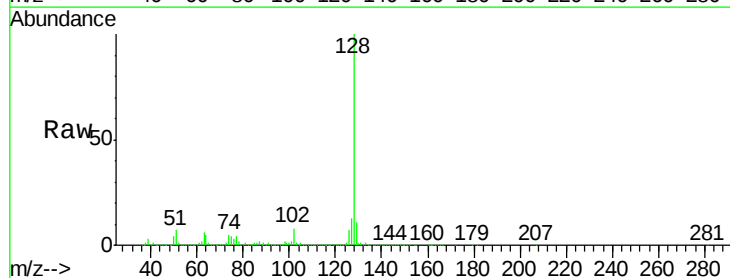


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



#95
 Naphthalene
 Concen: 32.17 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002340.D
 Acq: 06 Jun 2018 07:31

Tgt Ion: 128 Resp: 463624
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.4 15.6
 129 12.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

