

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027361.D
 Acq On : 22 Sep 2015 6:11
 Operator : MD\FY
 Sample : G3754-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

Quant Time: Sep 22 07:27:24 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	708417	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1271758	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1095292	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	446065	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	716070	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
36) Dibromofluoromethane	7.68	113	449157	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
51) Toluene-d8	10.19	98	1906312	59.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.84%	
63) 4-Bromofluorobenzene	12.52	95	678530	58.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.44%	

Target Compounds

						Qvalue
3) Chlorodifluoromethane	2.11	51	5724	0.61	ug/l	98
4) Chloromethane	2.01	50	1791	0.21	ug/l #	72
14) Acrolein	3.58	56	504	0.35	ug/l #	1
17) Acetone	3.84	43	50761	13.45	ug/l #	88
18) Carbon Disulfide	4.11	76	23800	0.98	ug/l	96
24) Vinyl Acetate	5.94	43	805	9.35	ug/l #	76
26) 2-Butanone	6.94	43	2165	0.44	ug/l	99
32) Cyclohexane	7.77	56	274965	14.35	ug/l #	86
37) 1,1-Dichloropropene	7.75	75	75618	5.52	ug/l #	51
38) Ethyl Acetate	6.94	43	2165	0.20	ug/l #	71
39) Carbon Tetrachloride	7.75	117	82268	6.38	ug/l #	16
40) Methylcyclohexane	9.19	83	522985	32.12	ug/l	99
41) Benzene	8.14	78	15133289	380.44	ug/l	100
43) 1,2-Dichloroethane	8.14	62	142305	8.77	ug/l #	75
44) Isopropyl Acetate	8.25	43	6799	0.34	ug/l #	56
46) 1,2-Dichloropropane	9.19	63	6411	0.58	ug/l #	1
49) Methyl methacrylate	9.37	41	12838	1.35	ug/l #	43
52) 4-Methyl-2-Pentanone	9.97	43	33384	3.21	ug/l #	43
53) Toluene	10.25	92	17456804	741.89	ug/l #	1
54) t-1,3-Dichloropropene	10.26	75	250269	16.54	ug/l #	1
56) 1,1,2-Trichloroethane	10.64	97	33267	3.79	ug/l #	17
57) Ethyl methacrylate	10.54	69	16008	1.15	ug/l #	41
60) 2-Hexanone	10.91	43	2235	0.32	ug/l	71
66) Chlorobenzene	11.70	112	9286	0.40	ug/l #	52
69) m/p-Xylenes	11.72	106	16411884	1068.71	ug/l #	1
70) o-Xylene	12.06	106	5364253	345.69	ug/l	90
71) Styrene	12.07	104	3725901	150.82	ug/l #	78
74) Isopropylbenzene	12.36	105	1405708	31.46	ug/l	99
75) N-amyl acetate	12.15	43	5893	0.33	ug/l #	60
77) 1,2,3-Trichloropropane	12.77	75	107698	9.62	ug/l #	1
79) n-propylbenzene	12.71	91	1457952	27.36	ug/l	97
80) 2-Chlorotoluene	12.77	91	1439888	44.20	ug/l #	45
81) 1,3,5-Trimethylbenzene	12.85	105	3763742	104.19	ug/l	93
82) trans-1,4-Dichloro-2-buten	12.36	75	20006	4.58	ug/l #	63

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Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration

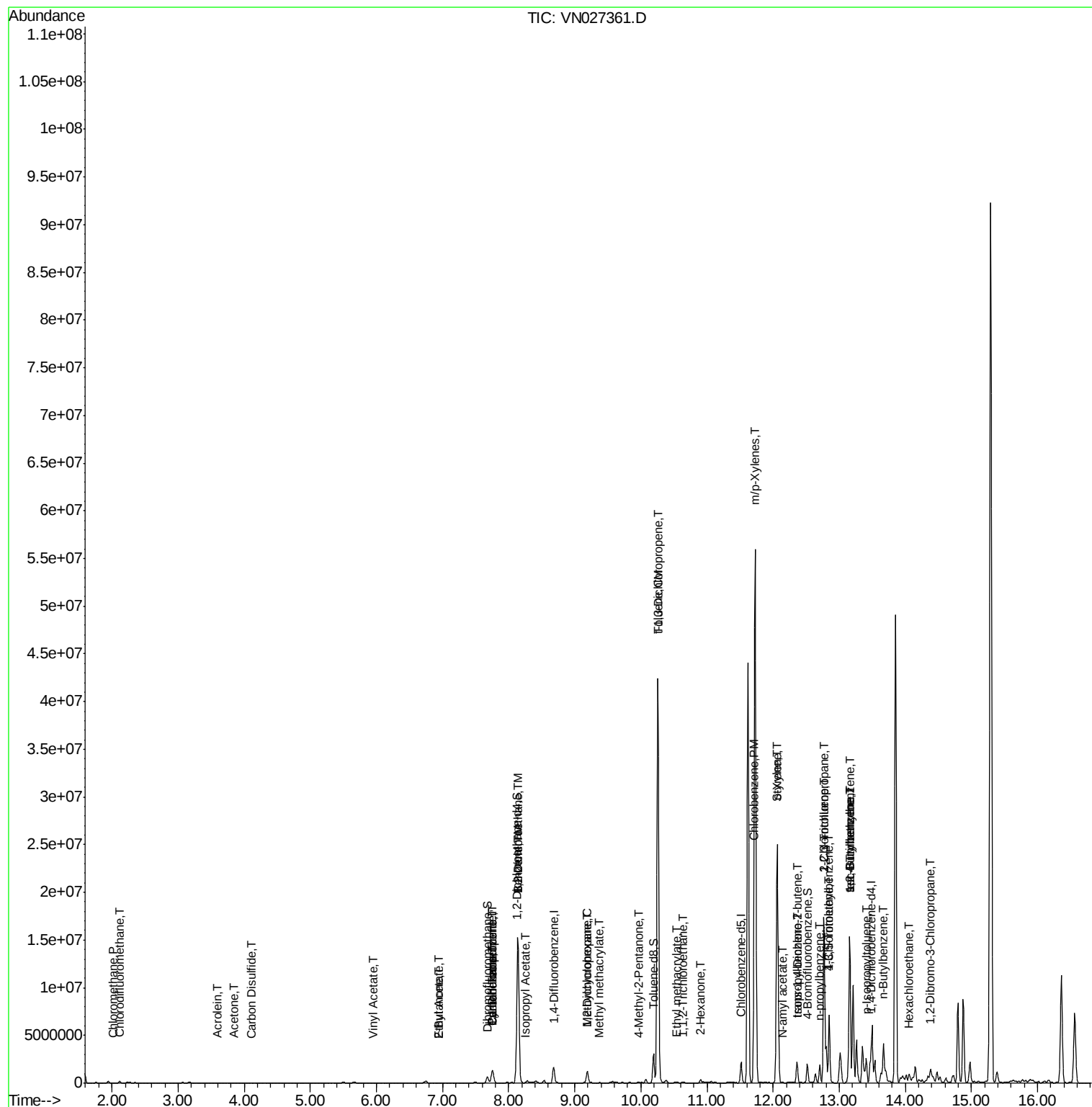
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) 4-Chlorotoluene	12.85	91	456886	14.37	ug/l #	45
84) tert-Butylbenzene	13.16	119	919480	31.57	ug/l #	41
85) 1,2,4-Trimethylbenzene	13.16	105	8288320	230.72	ug/l	94
86) sec-Butylbenzene	13.16	105	8288320	191.04	ug/l #	60
87) p-Isopropyltoluene	13.41	119	1292779	39.74	ug/l	91
90) n-Butylbenzene	13.67	91	201718	6.21	ug/l #	83
91) Hexachloroethane	14.06	117	427266	61.43	ug/l #	15
93) 1,2-Dibromo-3-Chloropropan	14.39	75	34887	14.15	ug/l #	9

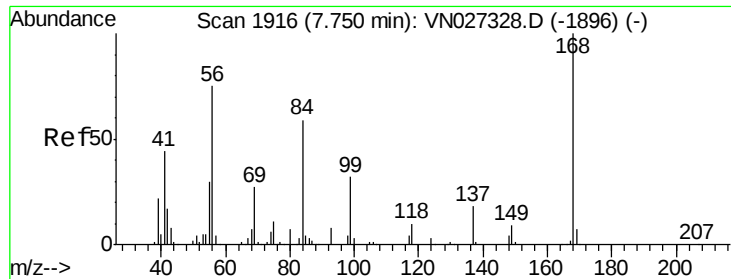
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

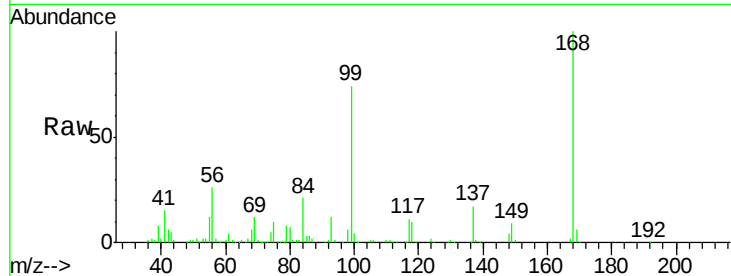
MW-7BD

Tgt Ion:168 Resp: 708417

Ion Ratio Lower Upper

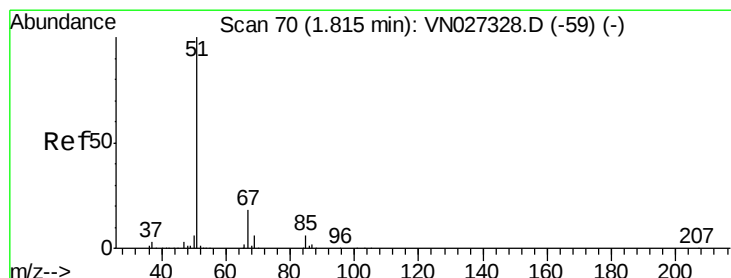
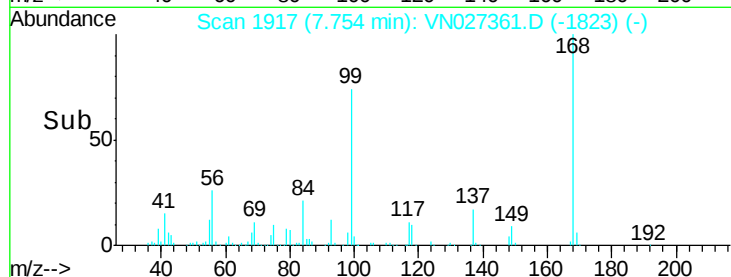
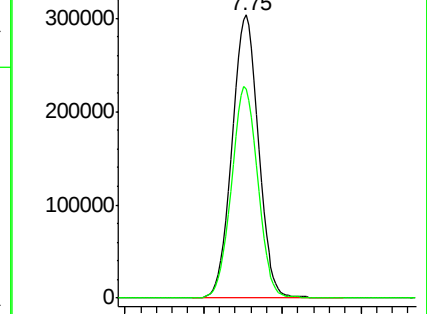
168 100

99 73.7 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chlorodifluoromethane

Concen: 0.61 ug/l

RT: 2.11 min Scan# 163

Delta R.T. 0.30 min

Lab File: VN027361.D

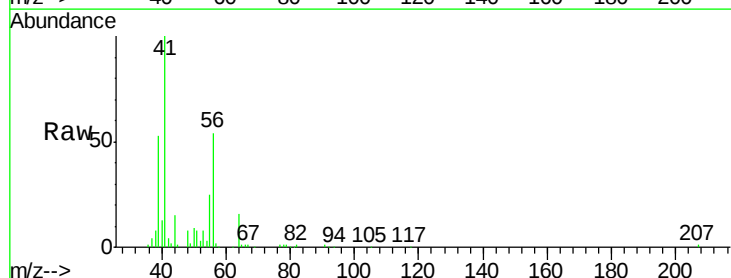
Acq: 22 Sep 2015 6:11

Tgt Ion: 51 Resp: 5724

Ion Ratio Lower Upper

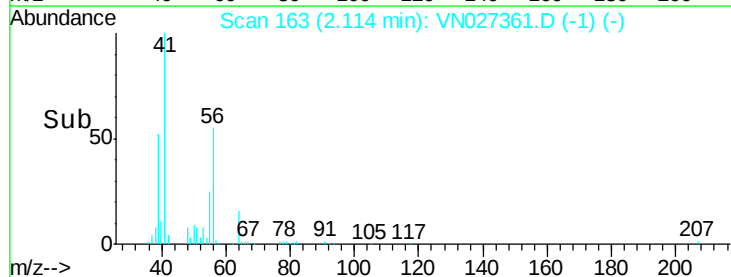
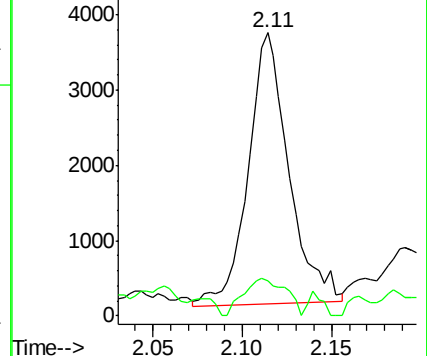
51 100

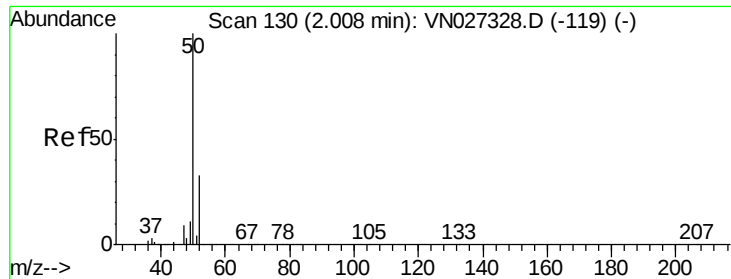
67 14.3 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





#4

Chloromethane

Concen: 0.21 ug/l

RT: 2.01 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

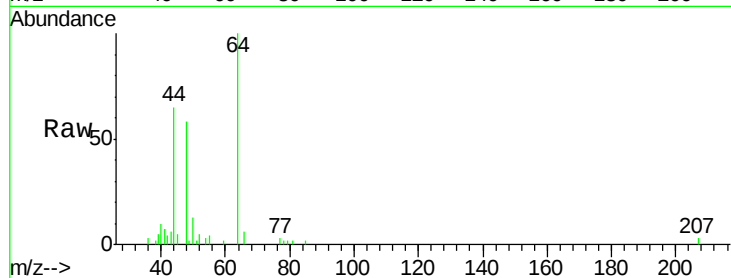
MW-7BD

Tgt Ion: 50 Resp: 1791

Ion Ratio Lower Upper

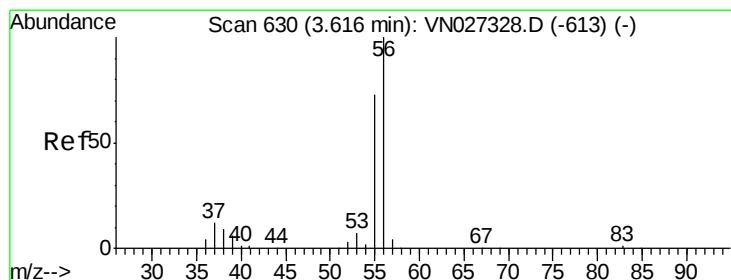
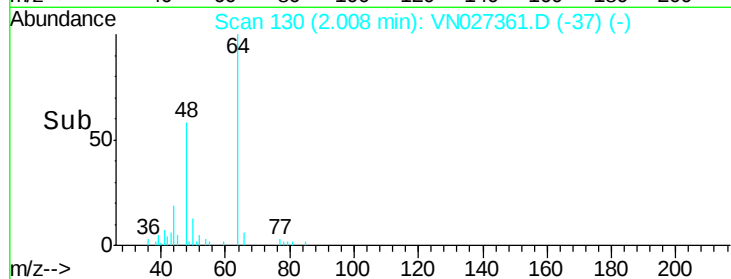
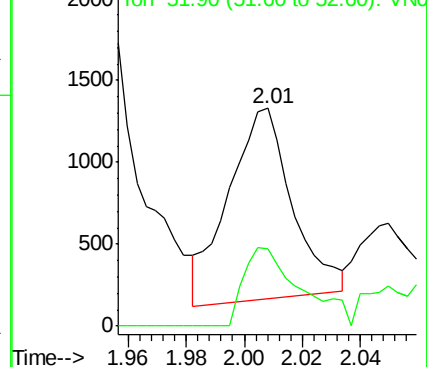
50 100

52 47.9 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#14

Acrolein

Concen: 0.35 ug/l

RT: 3.58 min Scan# 620

Delta R.T. -0.03 min

Lab File: VN027361.D

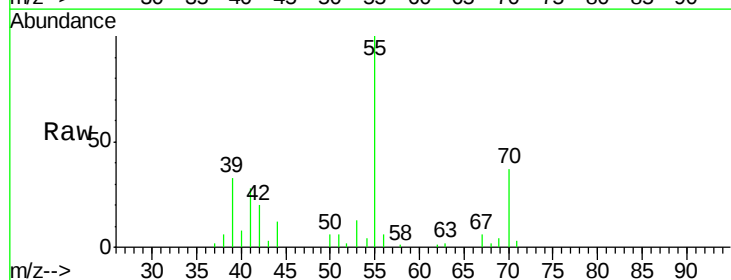
Acq: 22 Sep 2015 6:11

Tgt Ion: 56 Resp: 504

Ion Ratio Lower Upper

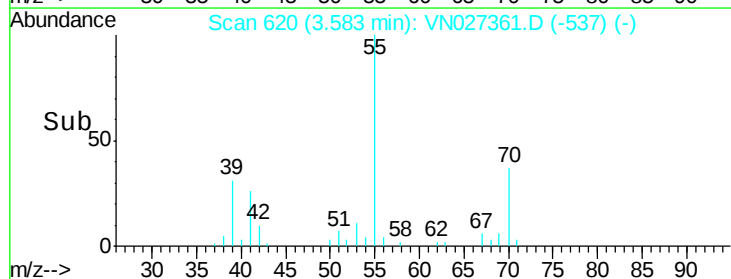
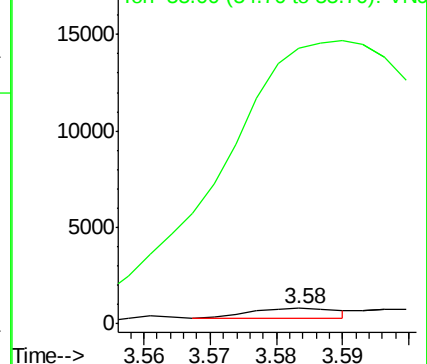
56 100

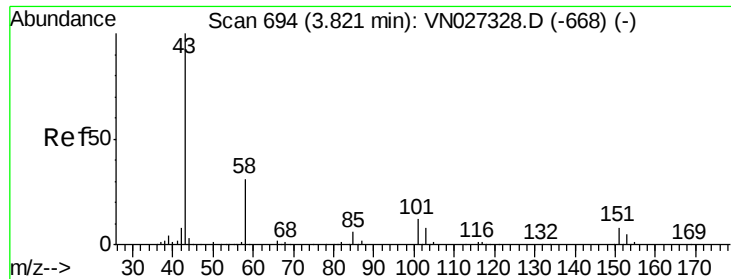
55 7456.0 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#17

Acetone

Concen: 13.45 ug/l

RT: 3.84 min Scan# 701

Delta R.T. 0.02 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

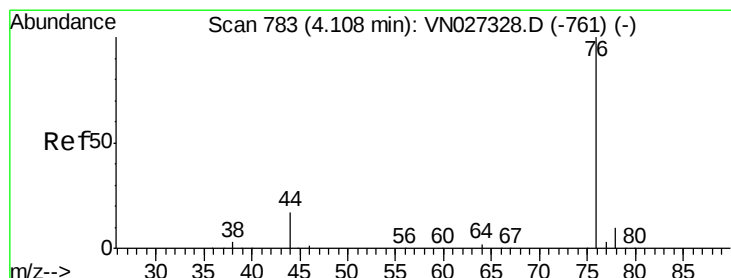
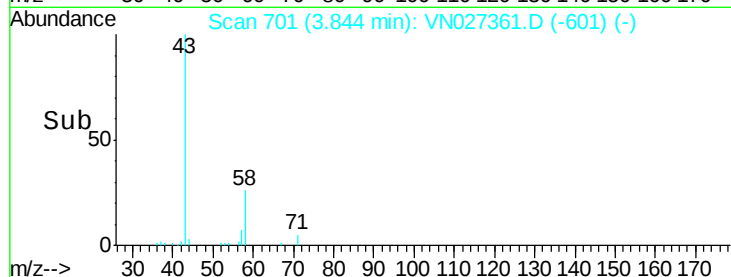
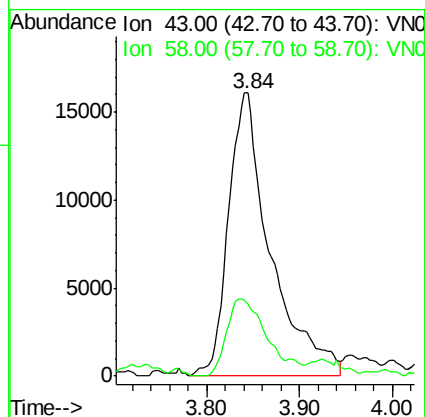
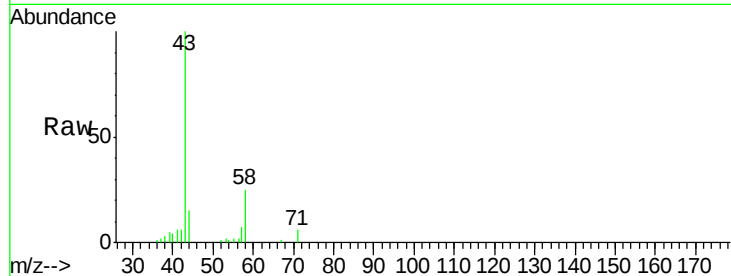
MW-7BD

Tgt Ion: 43 Resp: 50761

Ion Ratio Lower Upper

43 100

58 25.3 25.4 38.0#



#18

Carbon Disulfide

Concen: 0.98 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027361.D

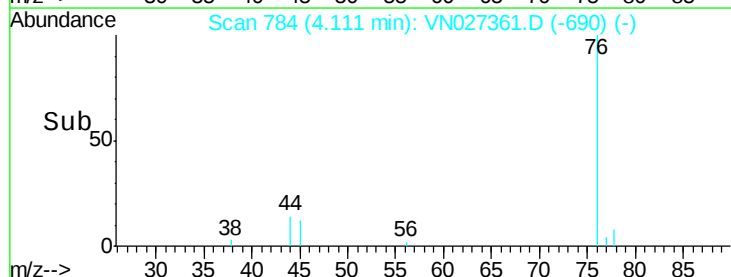
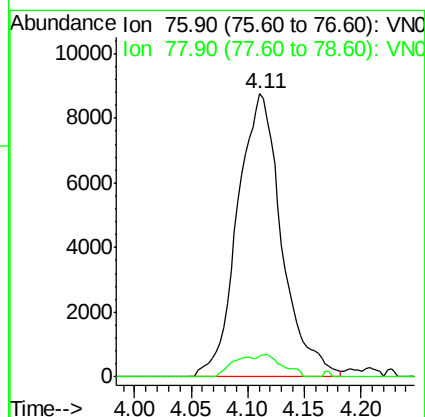
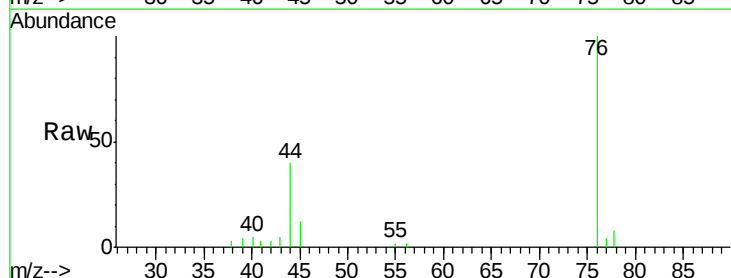
Acq: 22 Sep 2015 6:11

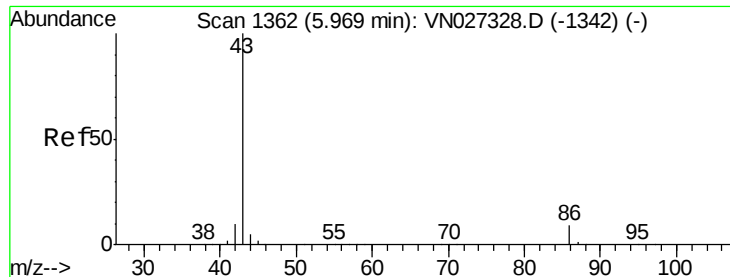
Tgt Ion: 76 Resp: 23800

Ion Ratio Lower Upper

76 100

78 7.5 7.1 10.7

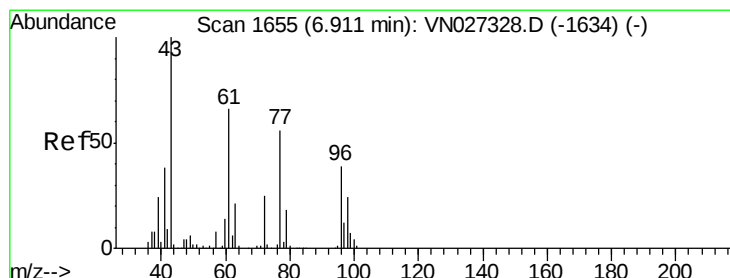
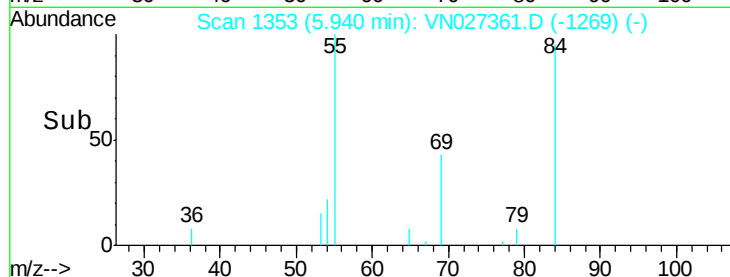
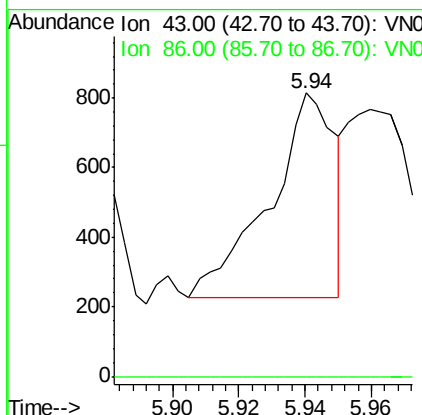
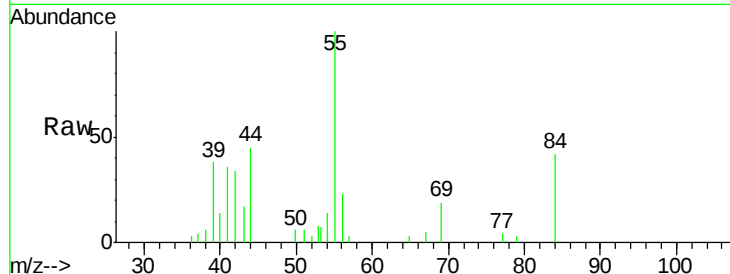




#24
 Vinyl Acetate
 Concen: 9.35 ug/l
 RT: 5.94 min Scan# 1353
 Delta R.T. -0.03 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

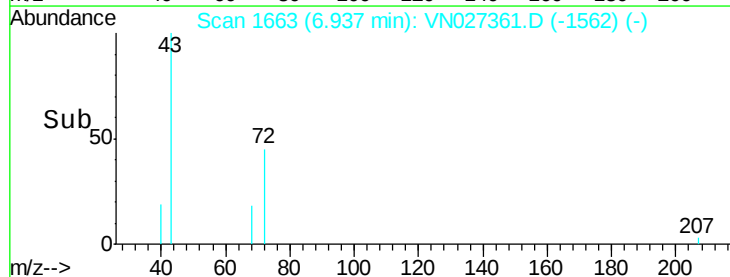
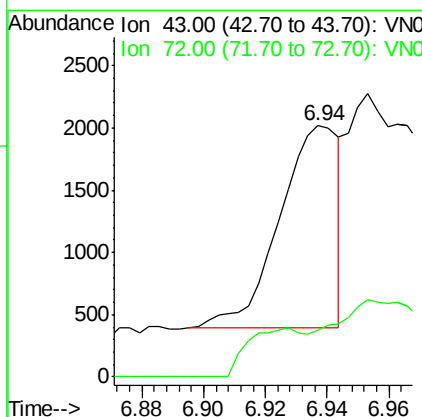
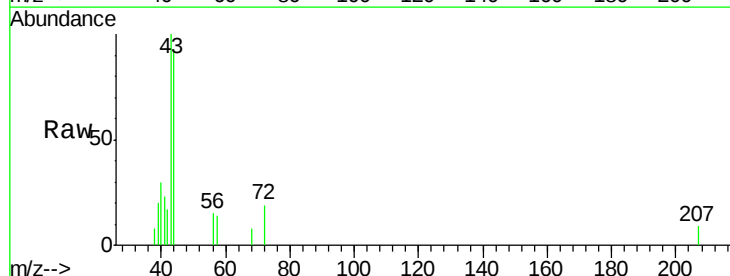
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BD

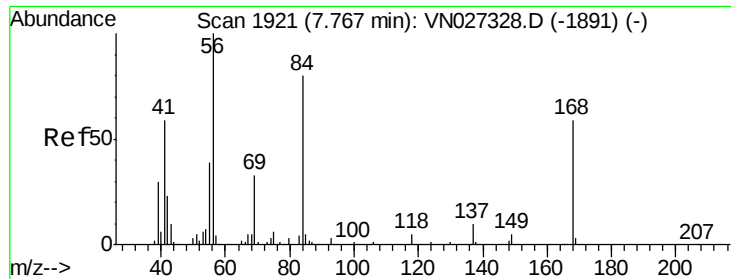
Tgt Ion: 43 Resp: 805
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.9 10.3#



#26
 2-Butanone
 Concen: 0.44 ug/l
 RT: 6.94 min Scan# 1663
 Delta R.T. 0.03 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

Tgt Ion: 43 Resp: 2165
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.8 28.2

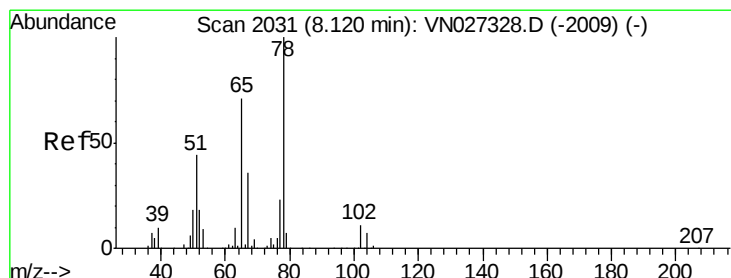
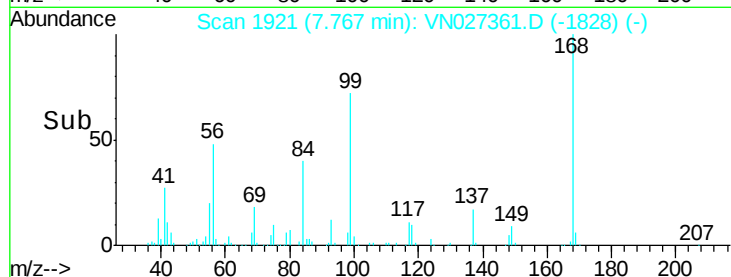
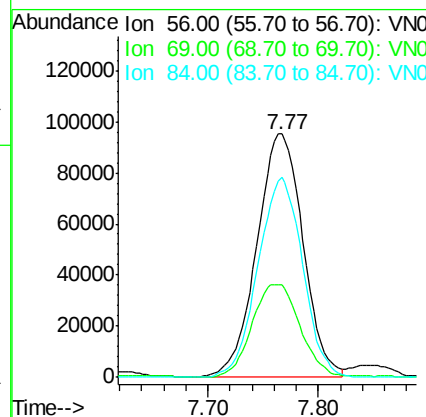
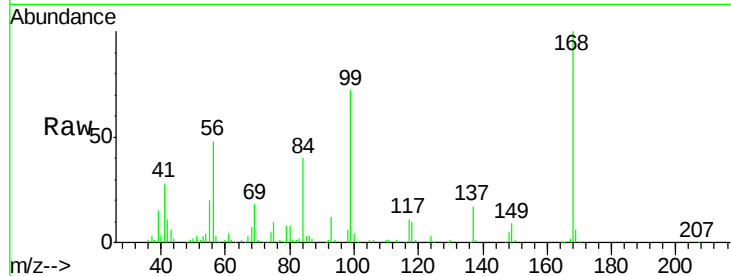




#32
Cyclohexane
Concen: 14.35 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

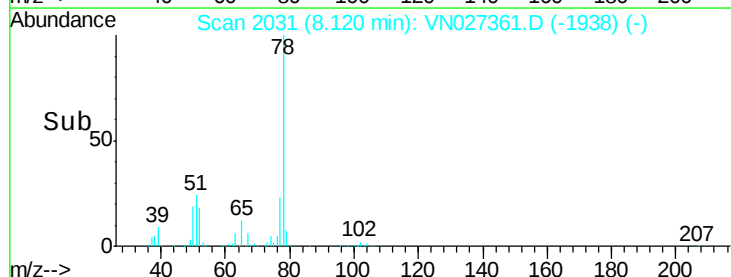
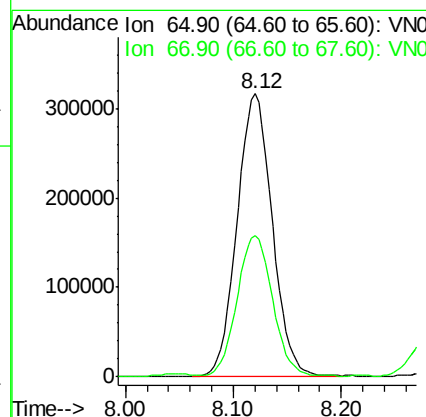
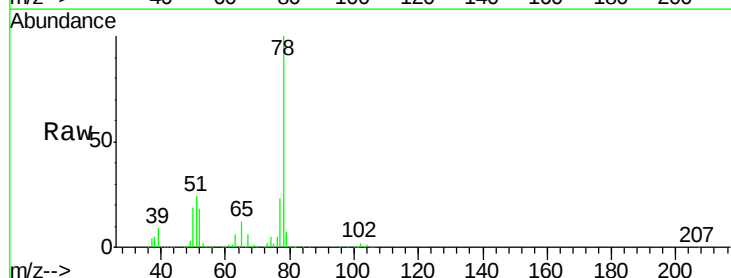
Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

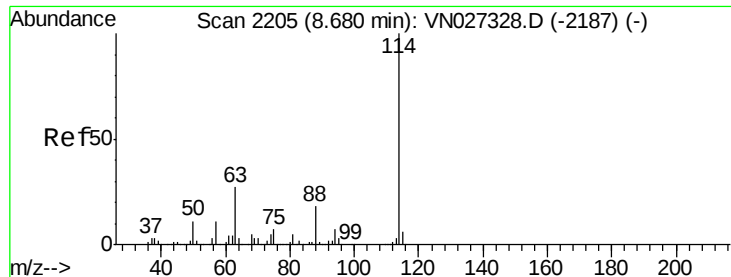
Tgt Ion: 56 Resp: 274965
Ion Ratio Lower Upper
56 100
69 38.0 23.0 34.4#
84 82.6 57.8 86.8



#34
1,2-Dichloroethane-d4
Concen: 51.64 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. -0.00 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

Tgt Ion: 65 Resp: 716070
Ion Ratio Lower Upper
65 100
67 49.8 0.0 110.6

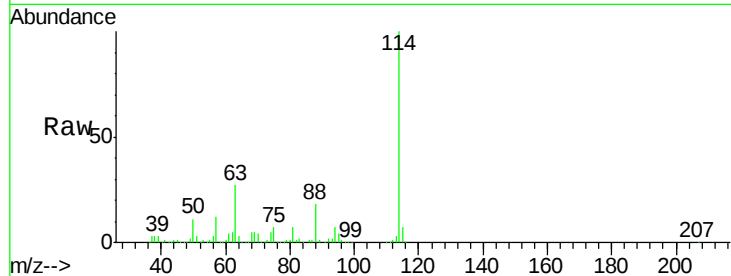




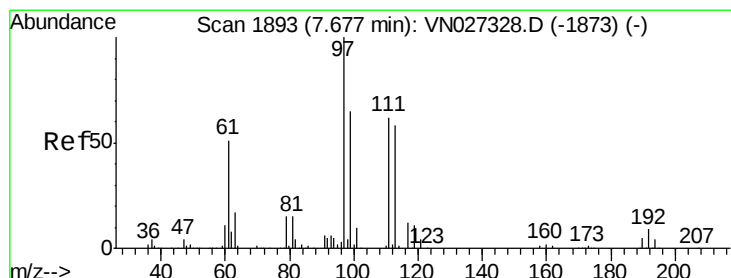
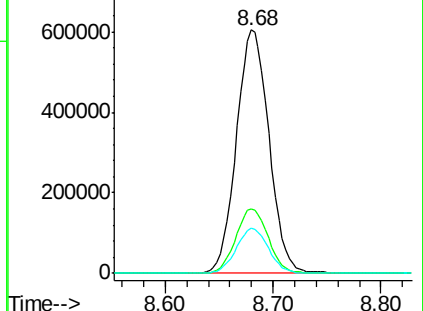
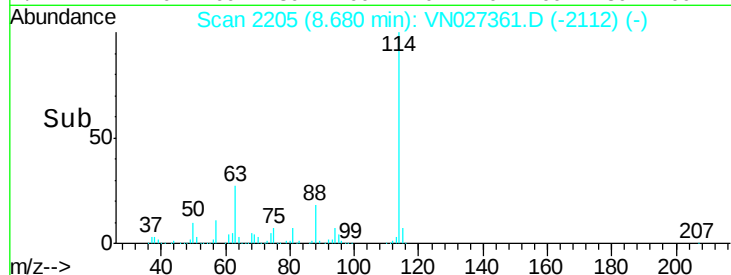
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

Tgt Ion:114 Resp: 1271758
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 48.8
 88 18.4 0.0 32.2

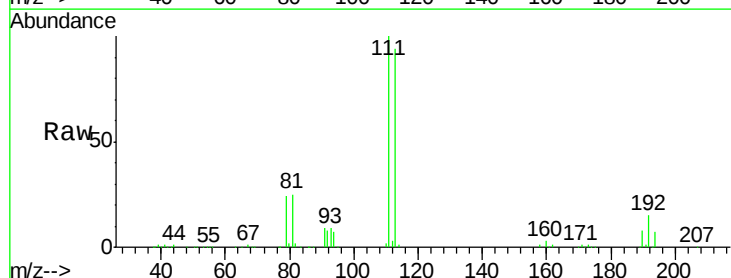


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

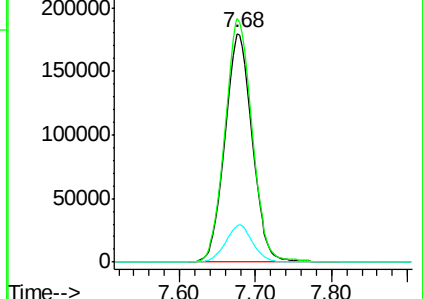
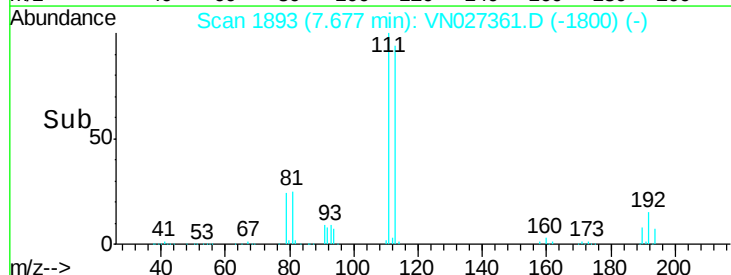


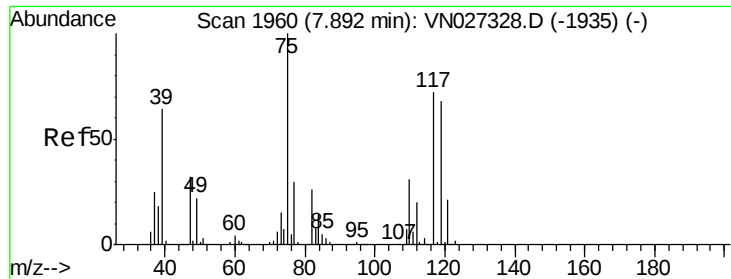
#36
 Dibromofluoromethane
 Concen: 54.13 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

Tgt Ion:113 Resp: 449157
 Ion Ratio Lower Upper
 113 100
 111 106.4 83.0 124.4
 192 16.0 14.1 21.1



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

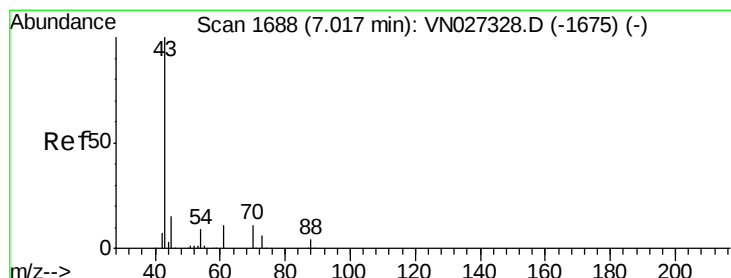
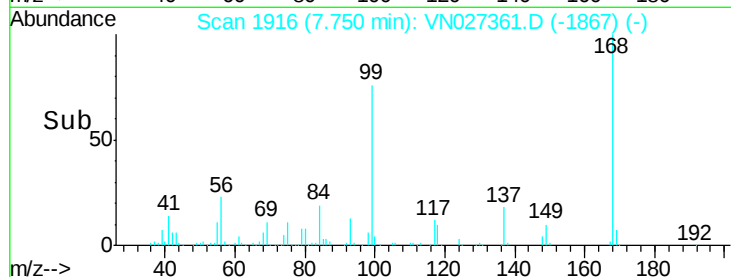
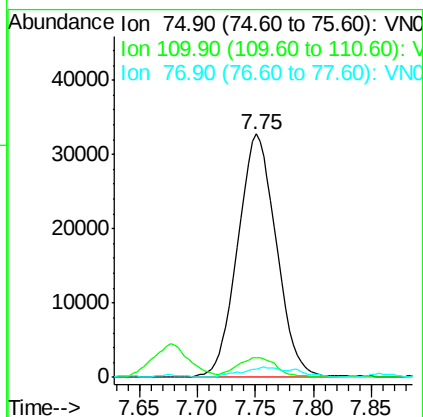
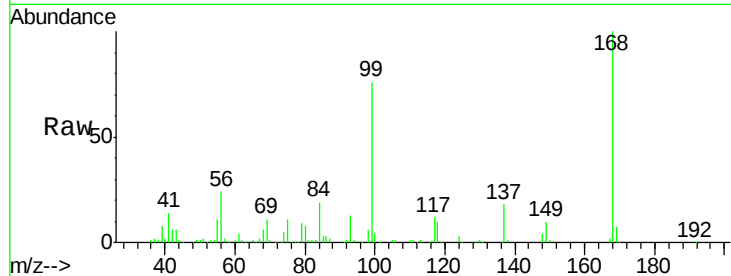




#37
 1,1-Dichloropropene
 Concen: 5.52 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

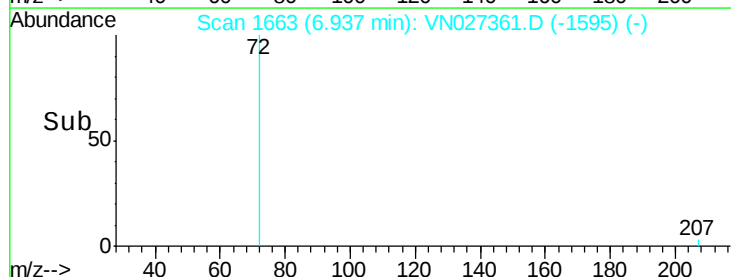
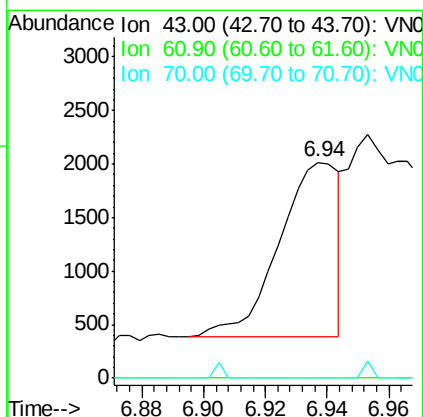
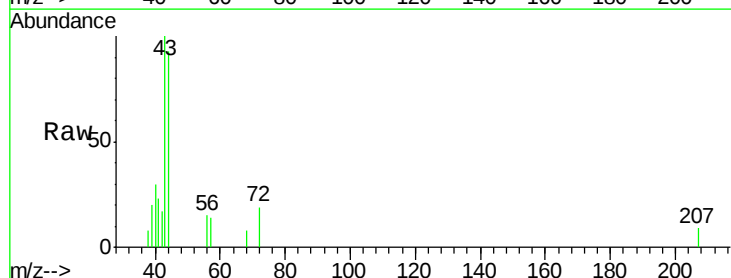
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BD

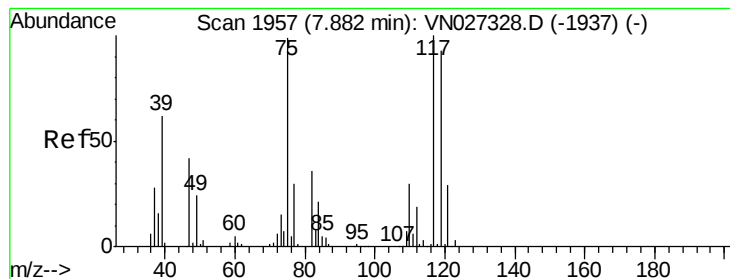
Tgt Ion: 75 Resp: 75618
 Ion Ratio Lower Upper
 75 100
 110 8.4 15.9 47.7#
 77 0.0 24.9 37.3#



#38
 Ethyl Acetate
 Concen: 0.20 ug/l
 RT: 6.94 min Scan# 1663
 Delta R.T. -0.08 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

Tgt Ion: 43 Resp: 2165
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.4#
 70 0.0 7.4 11.0#





#39

Carbon Tetrachloride

Concen: 6.38 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.13 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

MW-7BD

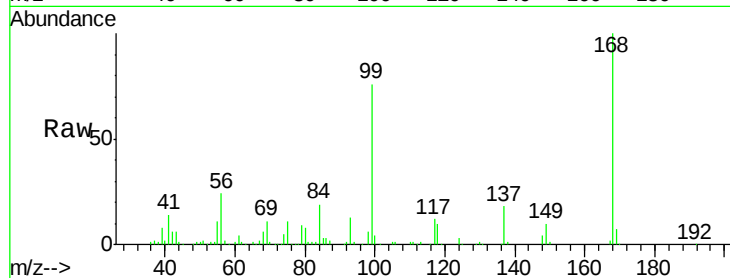
Tgt Ion:117 Resp: 82268

Ion Ratio Lower Upper

117 100

119 3.9 75.3 112.9#

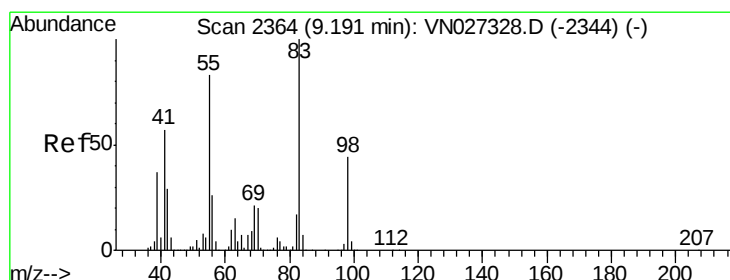
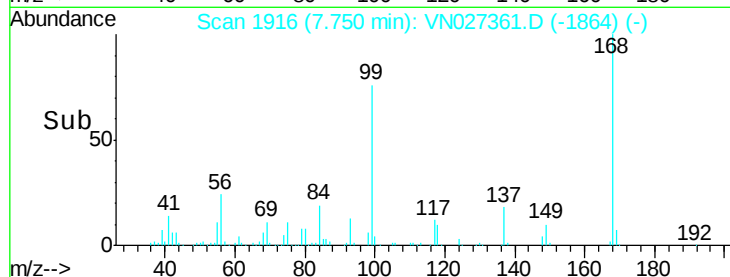
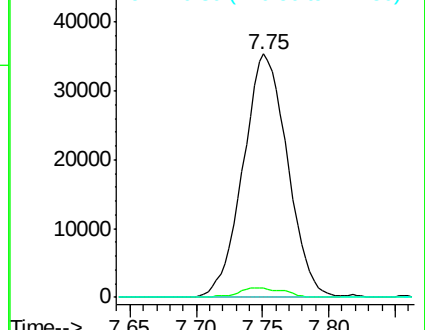
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Methylcyclohexane

Concen: 32.12 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. -0.00 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

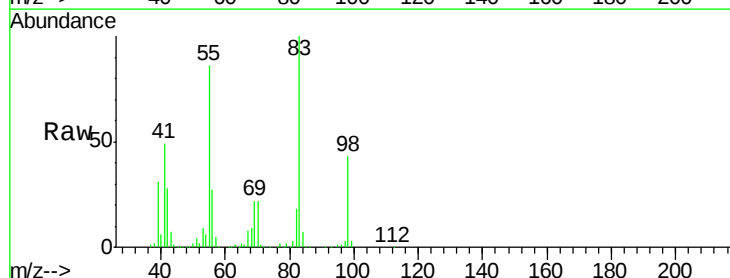
Tgt Ion: 83 Resp: 522985

Ion Ratio Lower Upper

83 100

55 85.9 69.8 104.8

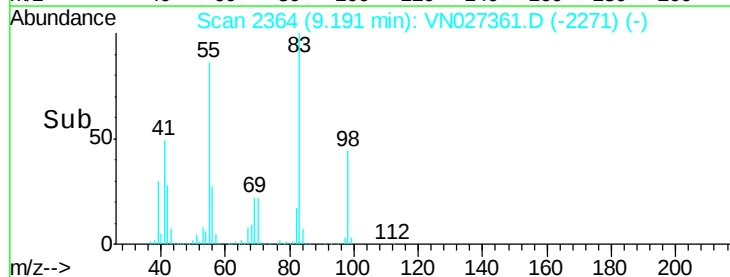
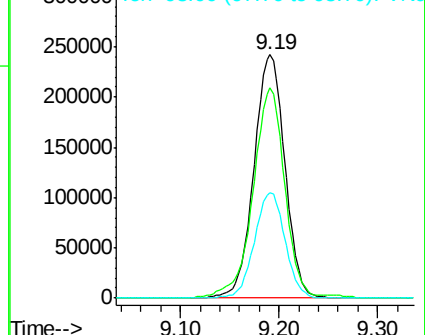
98 43.5 34.3 51.5

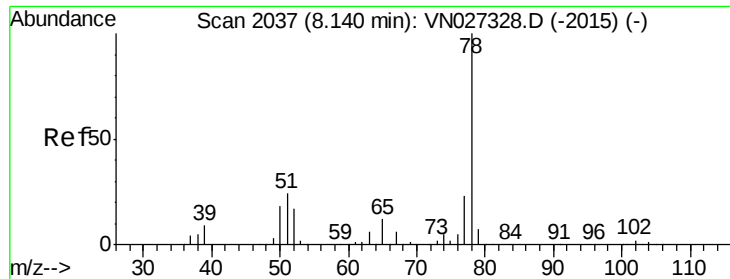


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#41

Benzene

Concen: 380.44 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

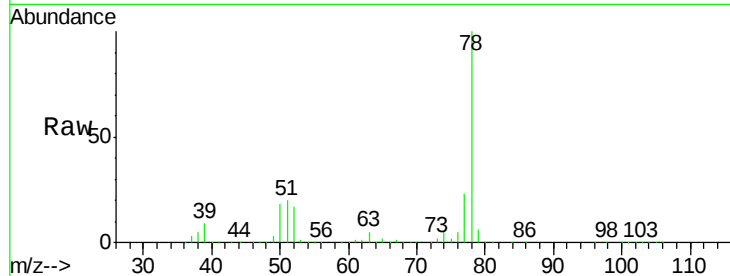
MW-7BD

Tgt Ion: 78 Resp:15133289

Ion Ratio Lower Upper

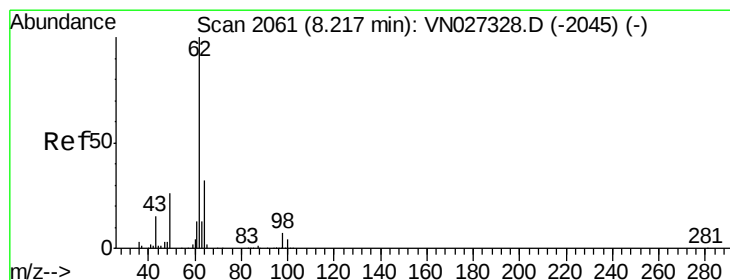
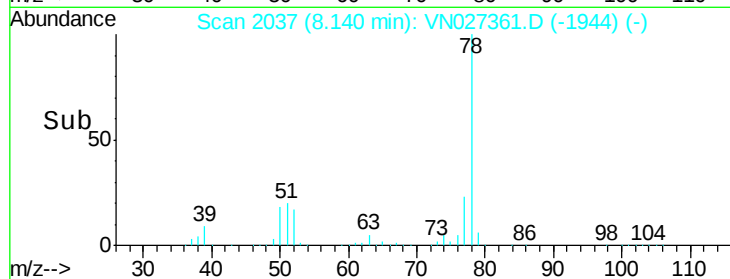
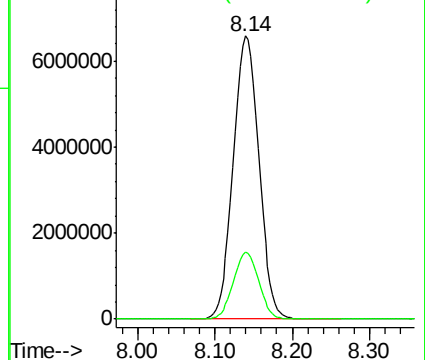
78 100

77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

1,2-Dichloroethane

Concen: 8.77 ug/l

RT: 8.14 min Scan# 2038

Delta R.T. -0.07 min

Lab File: VN027361.D

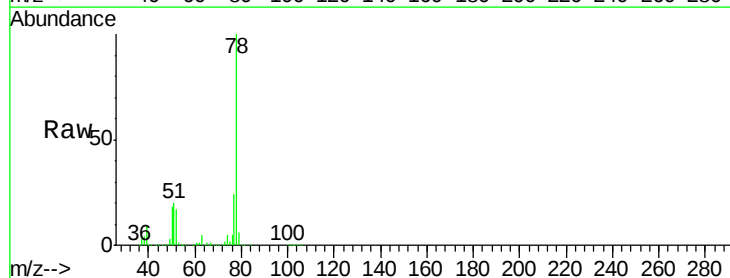
Acq: 22 Sep 2015 6:11

Tgt Ion: 62 Resp: 142305

Ion Ratio Lower Upper

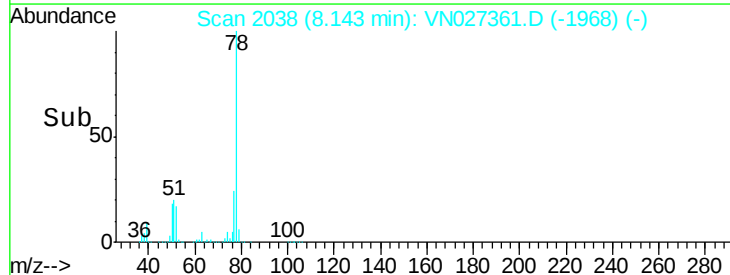
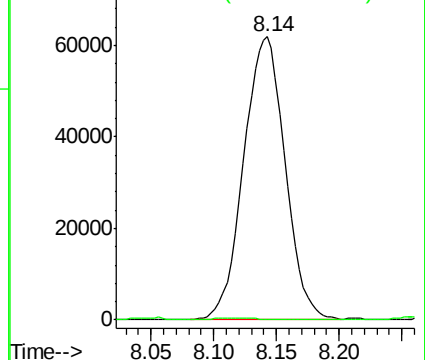
62 100

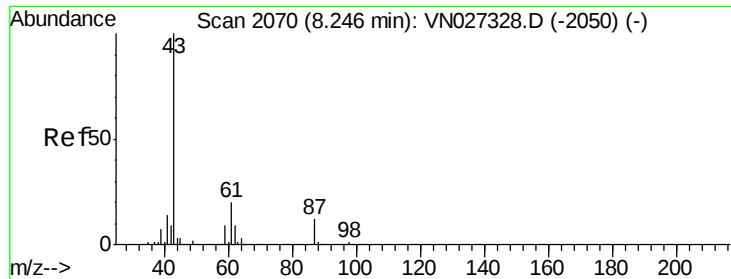
98 0.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#44

Isopropyl Acetate

Concen: 0.34 ug/l

RT: 8.25 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

MW-7BD

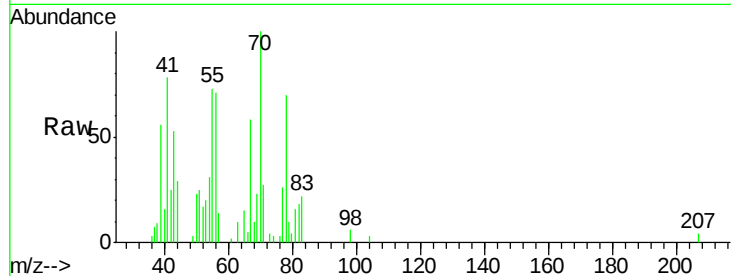
Tgt Ion: 43 Resp: 6799

Ion Ratio Lower Upper

43 100

61 0.0 20.6 31.0#

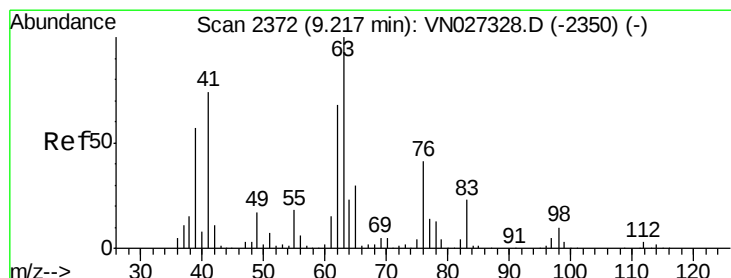
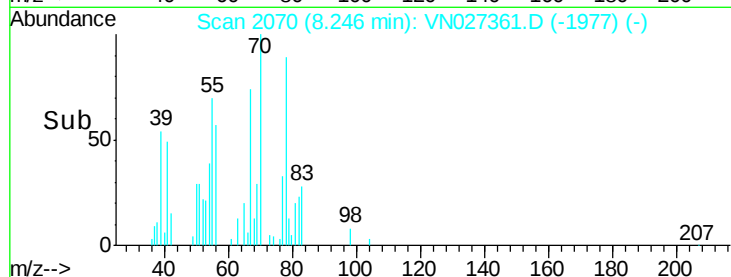
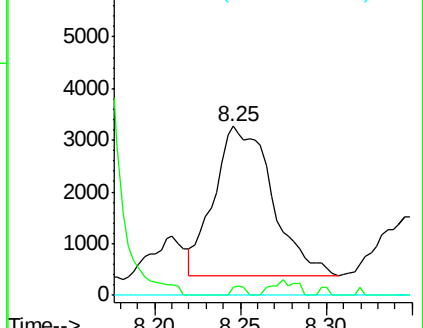
87 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#46

1,2-Dichloropropane

Concen: 0.58 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. -0.03 min

Lab File: VN027361.D

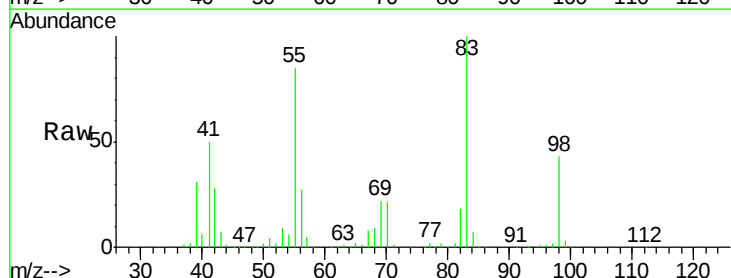
Acq: 22 Sep 2015 6:11

Tgt Ion: 63 Resp: 6411

Ion Ratio Lower Upper

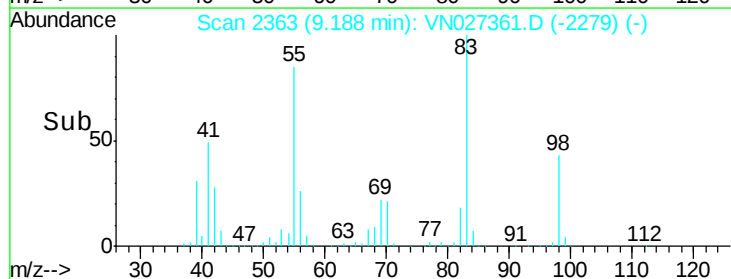
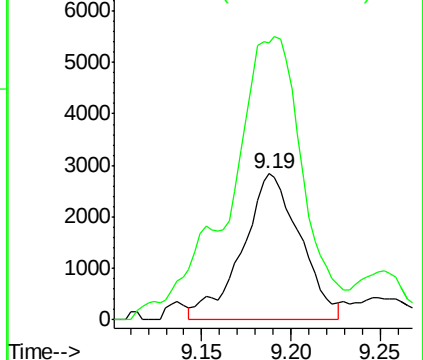
63 100

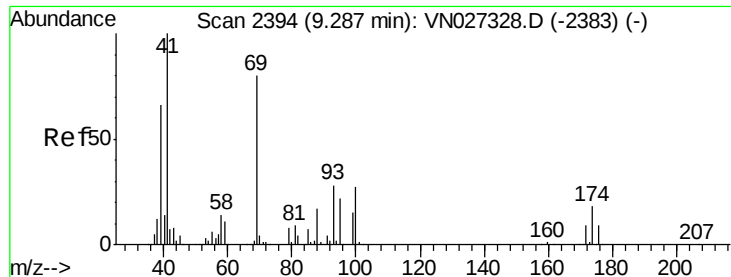
65 180.1 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

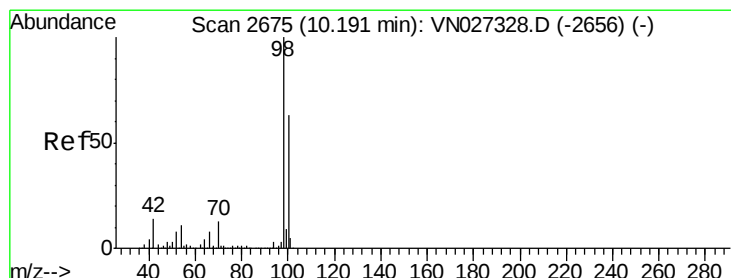
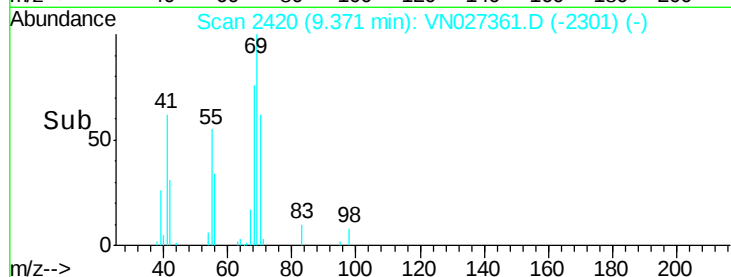
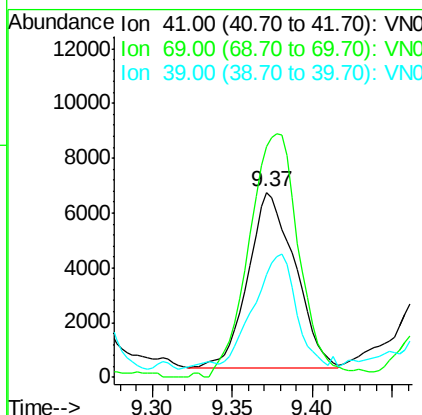
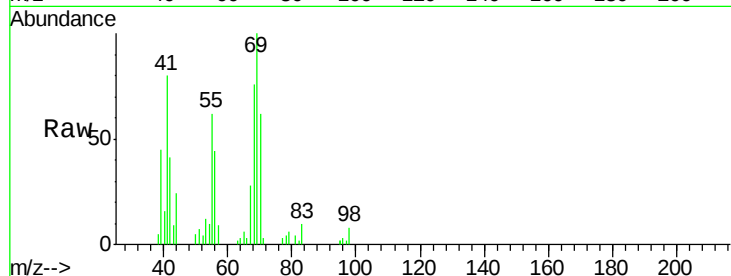




#49
Methyl methacrylate
Concen: 1.35 ug/l
RT: 9.37 min Scan# 2420
Delta R.T. 0.08 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

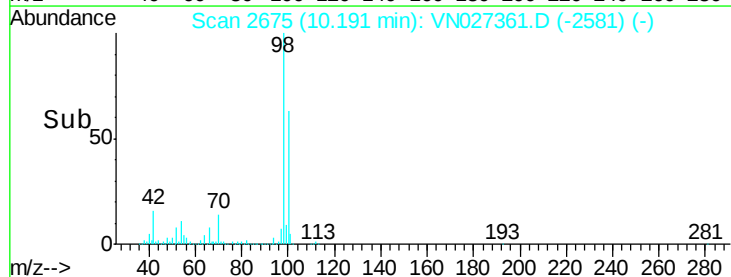
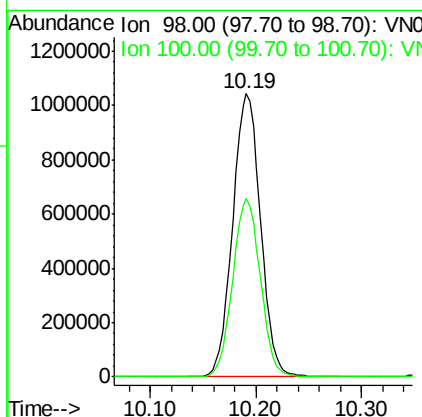
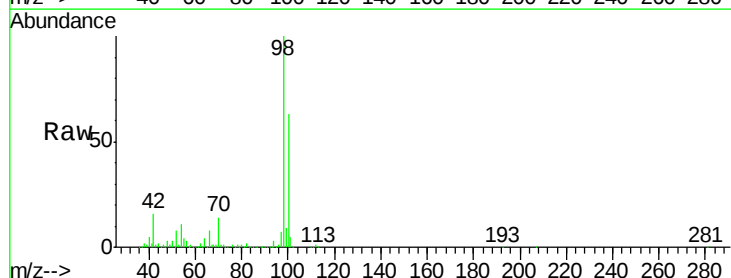
Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

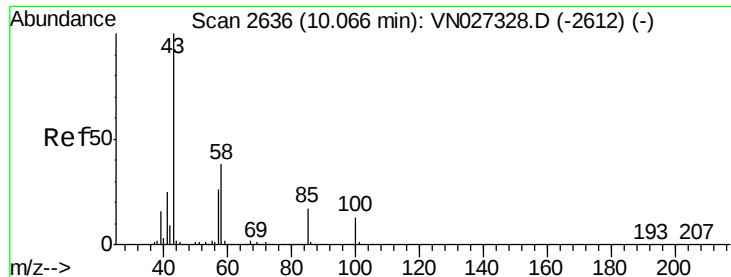
Tgt Ion: 41 Resp: 12838
Ion Ratio Lower Upper
41 100
69 148.8 59.3 88.9#
39 55.5 39.5 59.3



#51
Toluene-d8
Concen: 59.42 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

Tgt Ion: 98 Resp: 1906312
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7





#52

4-Methyl-2-Pentanone

Concen: 3.21 ug/l

RT: 9.97 min Scan# 2605

Delta R.T. -0.10 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampled :

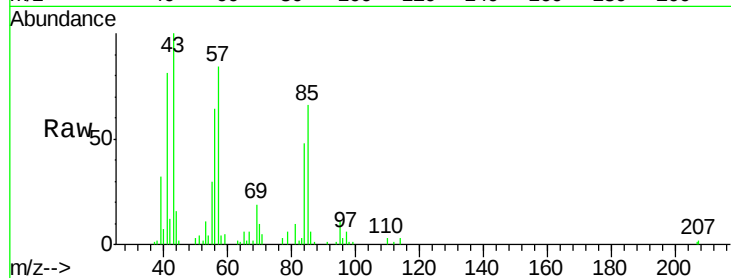
MW-7BD

Tgt Ion: 43 Resp: 33384

Ion Ratio Lower Upper

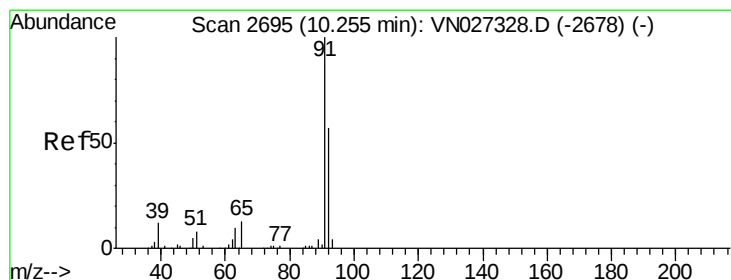
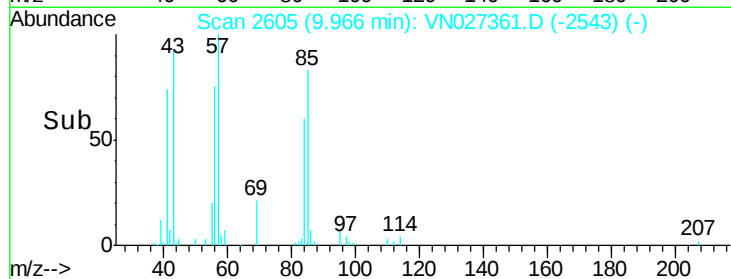
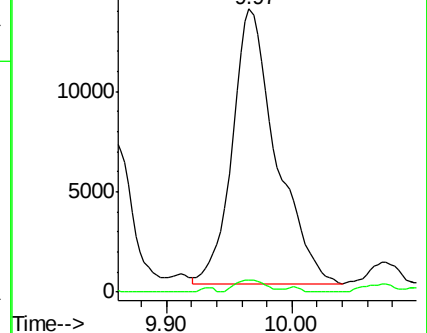
43 100

58 3.1 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

Toluene

Concen: 741.89 ug/l

RT: 10.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VN027361.D

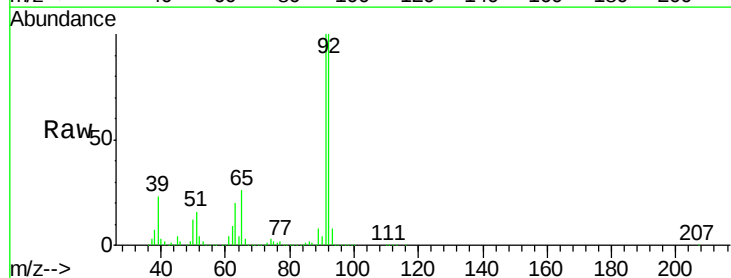
Acq: 22 Sep 2015 6:11

Tgt Ion: 92 Resp: 17456804

Ion Ratio Lower Upper

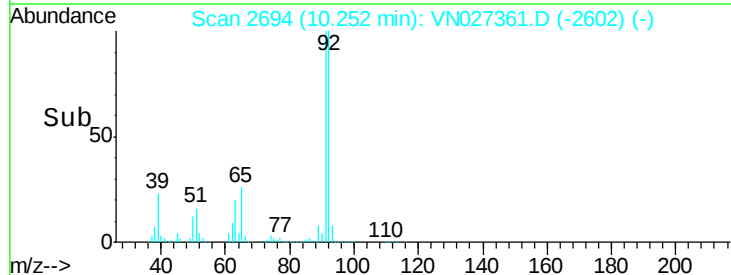
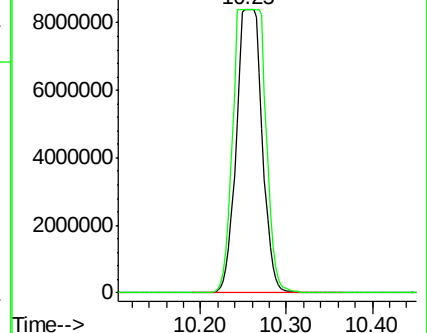
92 100

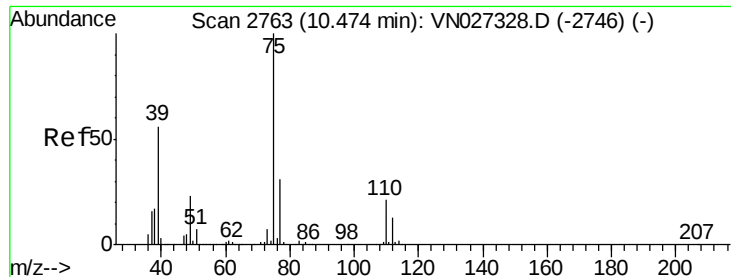
91 0.0 141.4 212.2#



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#54

t-1,3-Dichloropropene

Concen: 16.54 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.22 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampled :

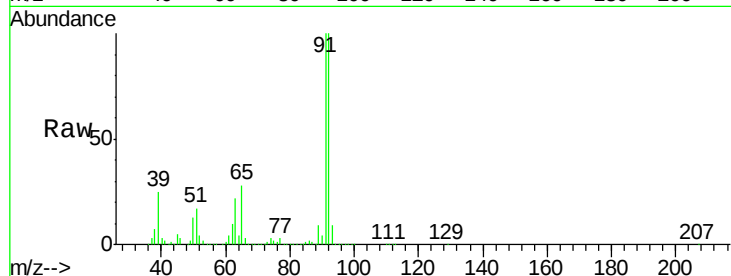
MW-7BD

Tgt Ion: 75 Resp: 250269

Ion Ratio Lower Upper

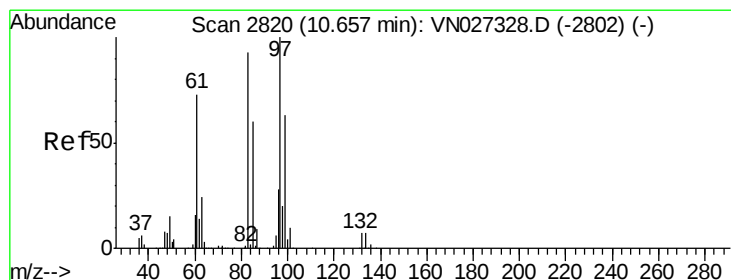
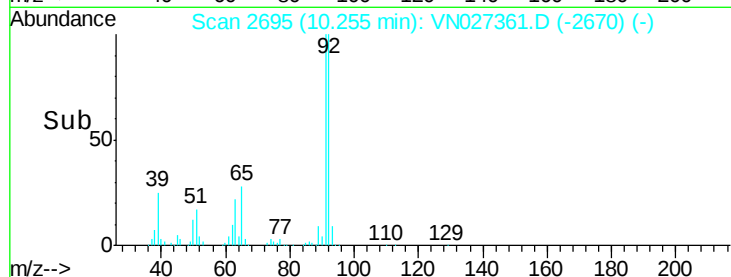
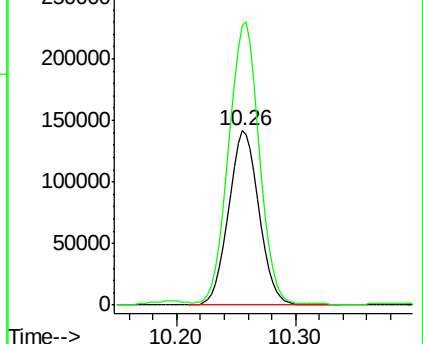
75 100

77 160.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#56

1,1,2-Trichloroethane

Concen: 3.79 ug/l

RT: 10.64 min Scan# 2815

Delta R.T. -0.02 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Tgt Ion: 97 Resp: 33267

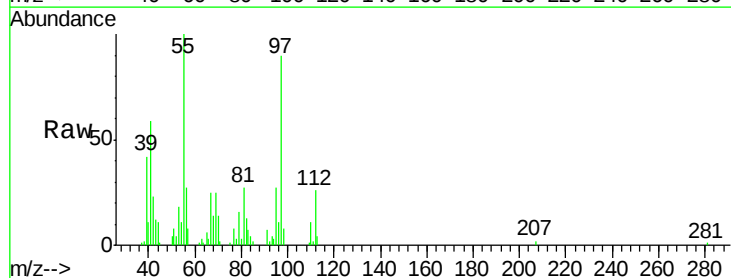
Ion Ratio Lower Upper

97 100

83 8.0 75.0 112.4#

85 2.0 48.0 72.0#

99 0.0 50.3 75.5#

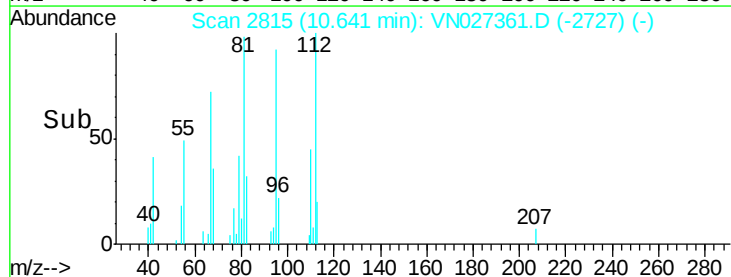
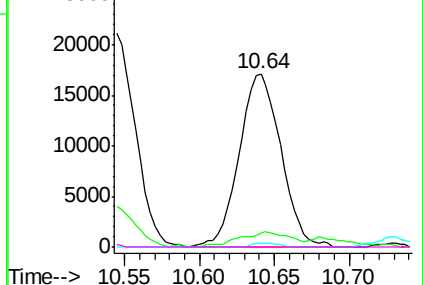


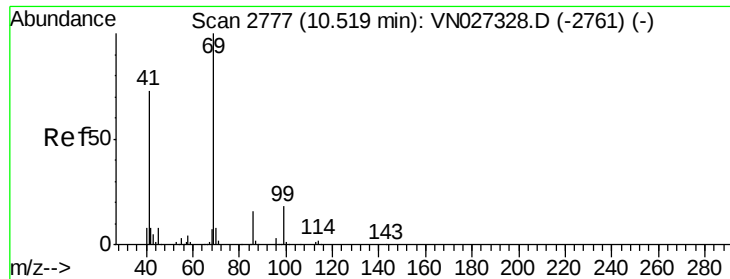
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

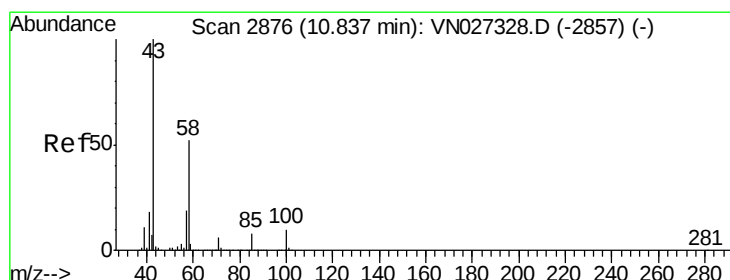
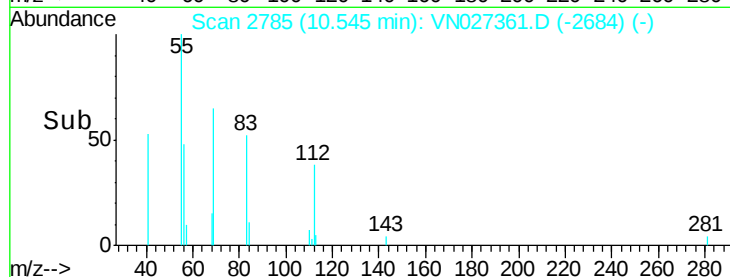
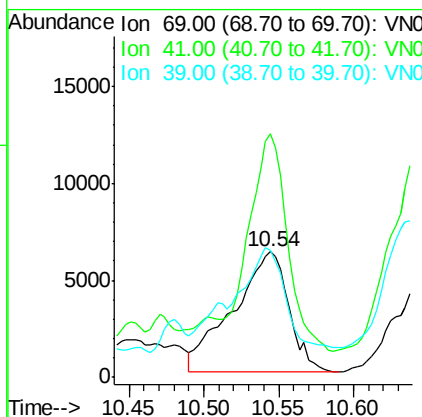
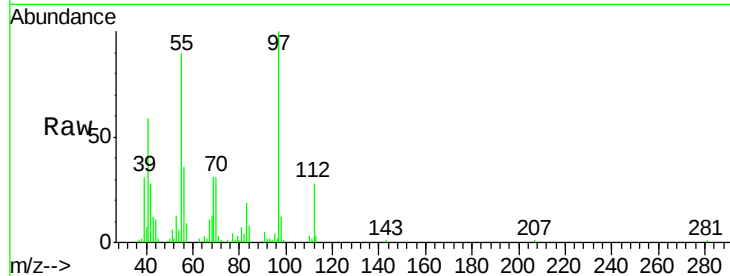




#57
Ethyl methacrylate
Concen: 1.15 ug/l
RT: 10.54 min Scan# 2785
Delta R.T. 0.03 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

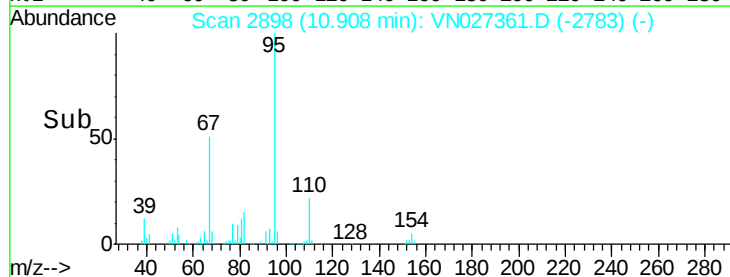
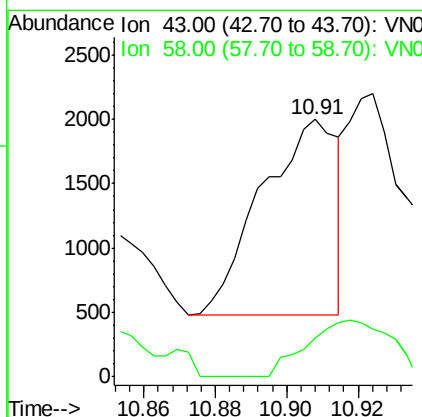
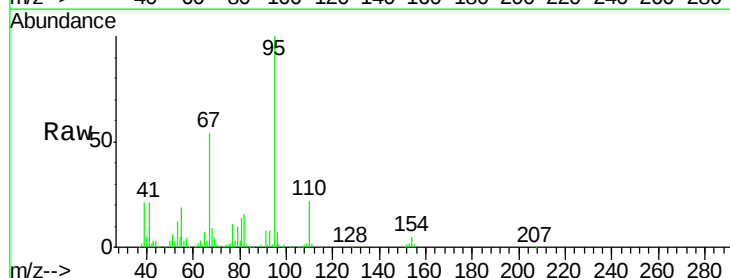
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

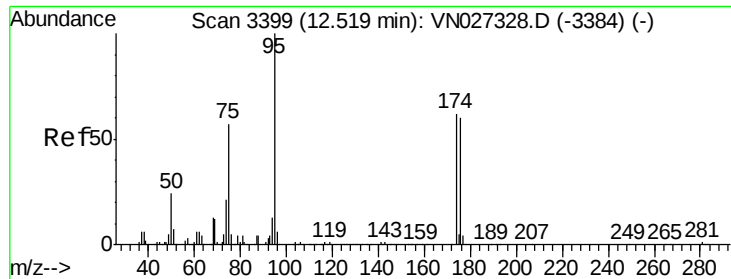
Tgt Ion: 69 Resp: 16008
Ion Ratio Lower Upper
69 100
41 127.0 61.3 91.9#
39 0.0 28.4 42.6#



#60
2-Hexanone
Concen: 0.32 ug/l
RT: 10.91 min Scan# 2898
Delta R.T. 0.07 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
58 31.6 26.2 78.5

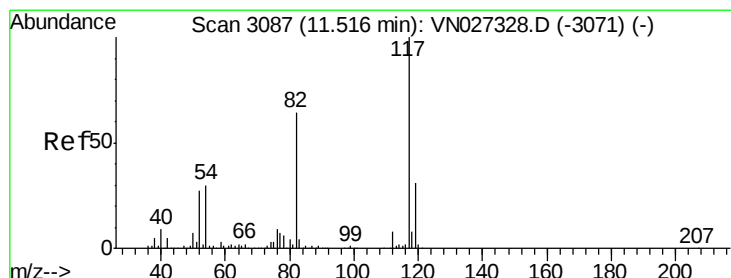
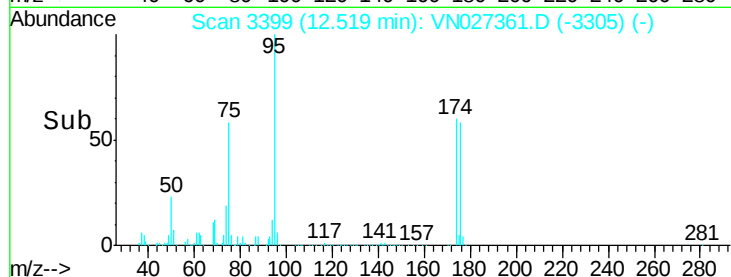
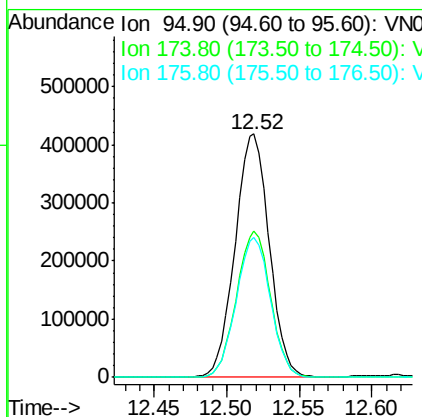
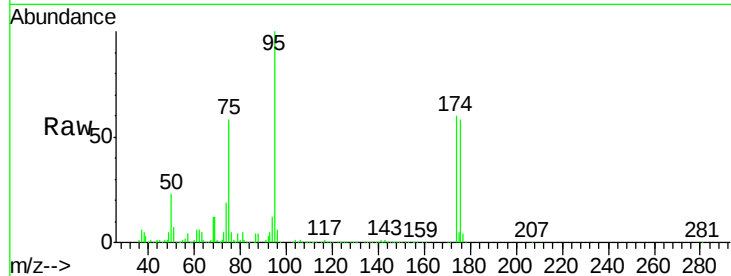




#63
4-Bromofluorobenzene
Concen: 58.22 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

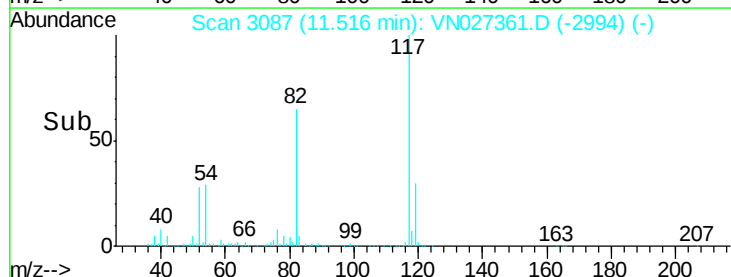
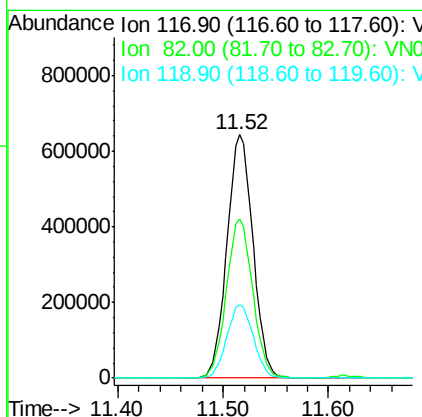
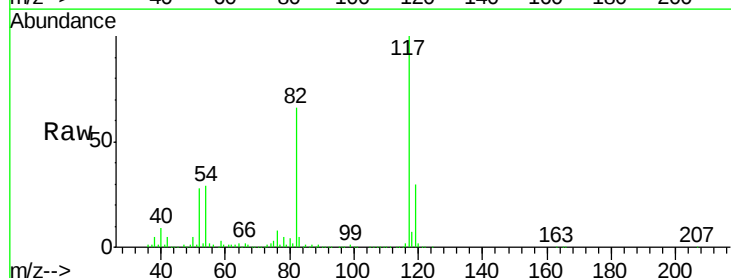
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

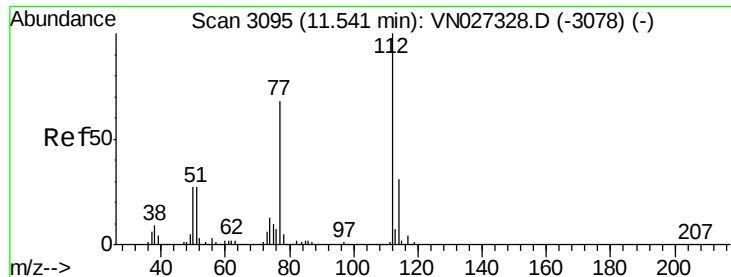
Tgt Ion: 95 Resp: 678530
Ion Ratio Lower Upper
95 100
174 60.5 0.0 137.0
176 58.3 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

Tgt Ion: 117 Resp: 1095292
Ion Ratio Lower Upper
117 100
82 65.5 49.6 74.4
119 30.3 24.6 36.8





#66

Chlorobenzene

Concen: 0.40 ug/l

RT: 11.70 min Scan# 3144

Delta R.T. 0.16 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

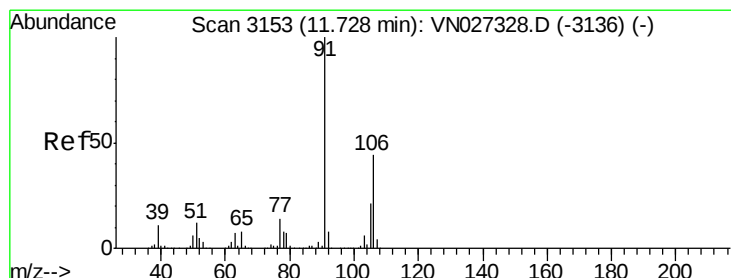
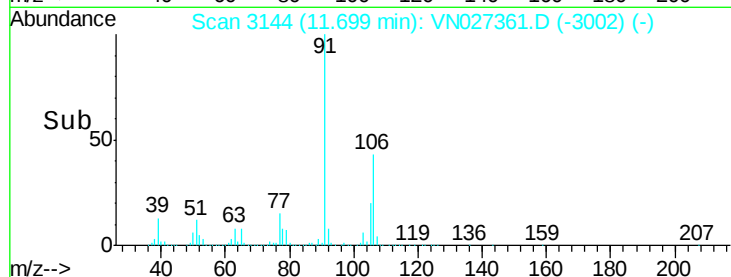
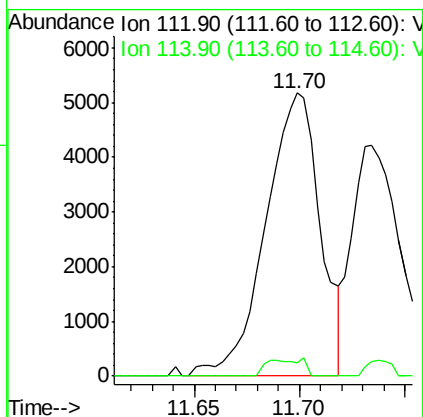
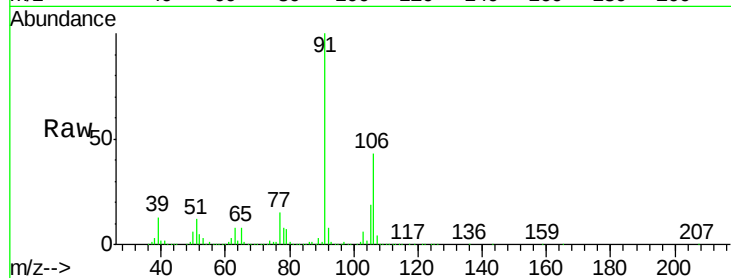
MW-7BD

Tgt Ion:112 Resp: 9286

Ion Ratio Lower Upper

112 100

114 4.5 24.9 37.3#



#69

m/p-Xylenes

Concen: 1068.71 ug/l

RT: 11.72 min Scan# 3151

Delta R.T. -0.01 min

Lab File: VN027361.D

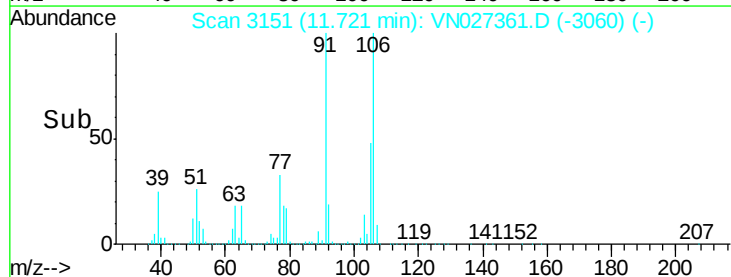
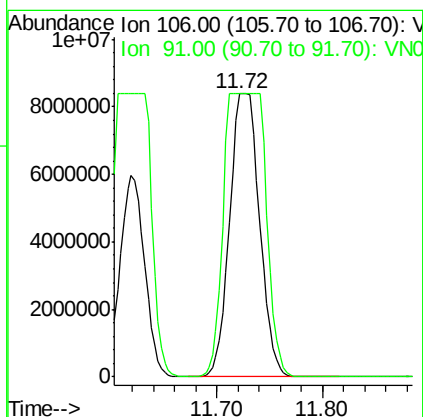
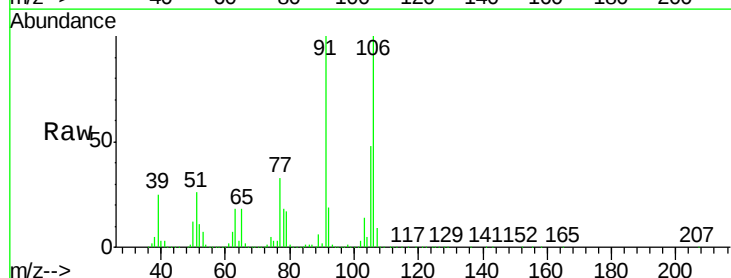
Acq: 22 Sep 2015 6:11

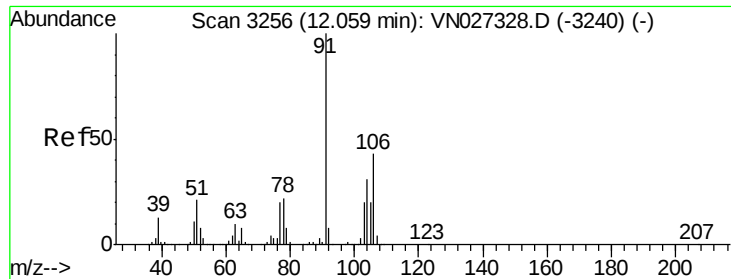
Tgt Ion:106 Resp:16411884

Ion Ratio Lower Upper

106 100

91 0.0 167.1 250.7#

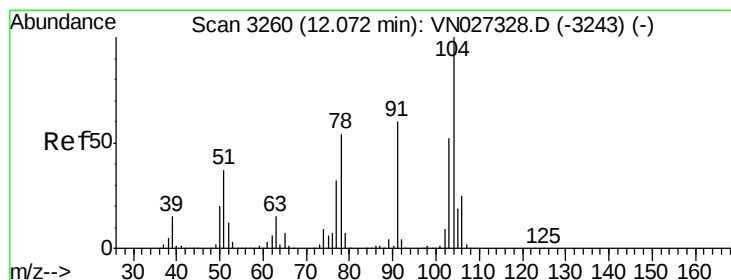
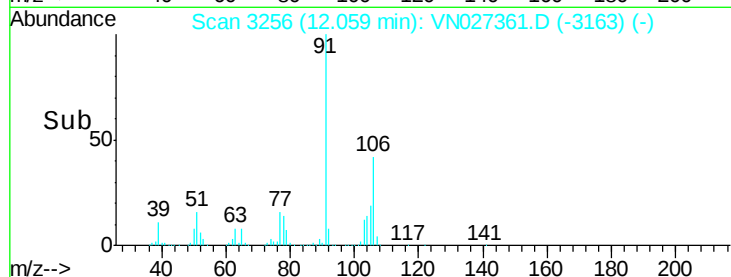
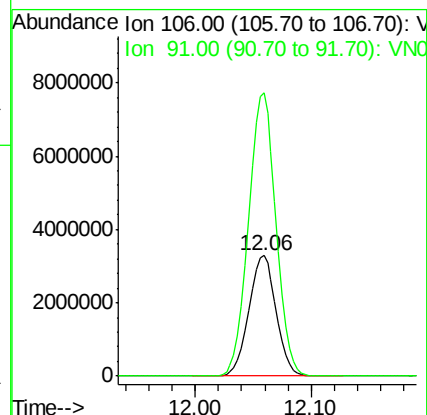
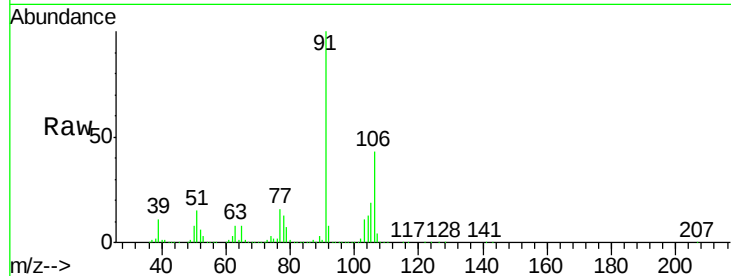




#70
o-Xylene
Concen: 345.69 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. -0.00 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

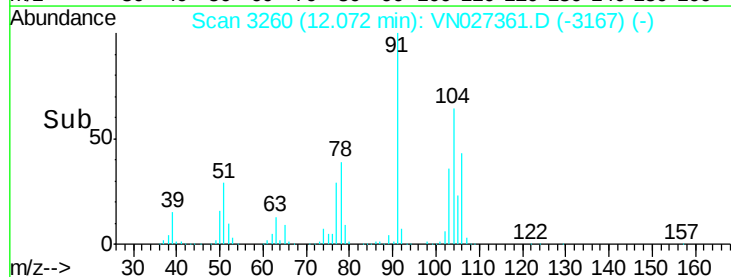
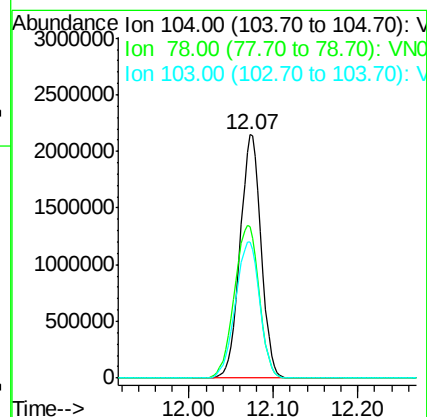
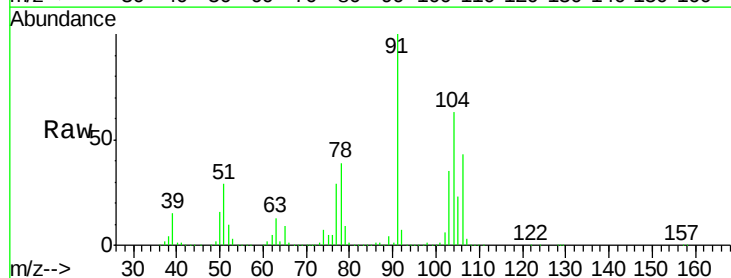
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

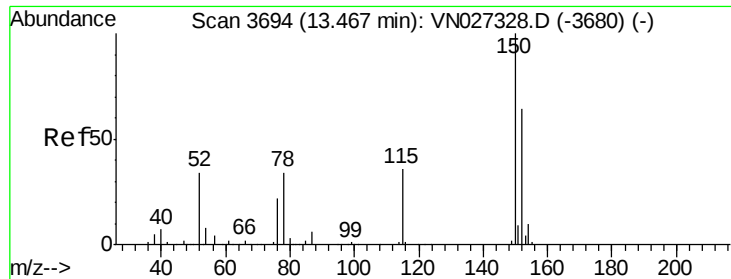
Tgt Ion:106 Resp: 5364253
Ion Ratio Lower Upper
106 100
91 237.3 110.7 331.9



#71
Styrene
Concen: 150.82 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN027361.D
Acq: 22 Sep 2015 6:11

Tgt Ion:104 Resp: 3725901
Ion Ratio Lower Upper
104 100
78 73.6 41.6 62.4#
103 64.9 44.2 66.2

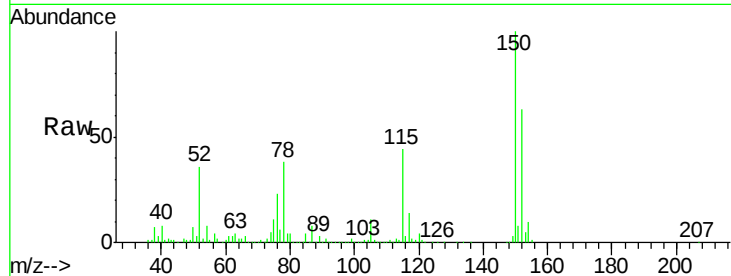




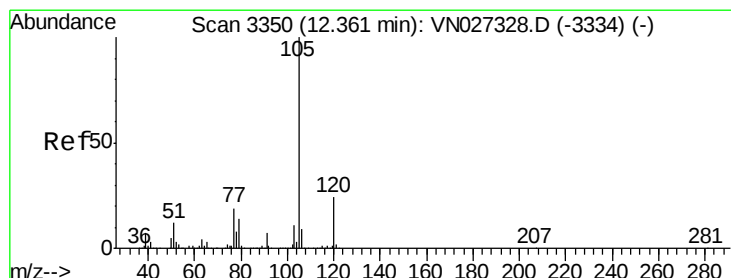
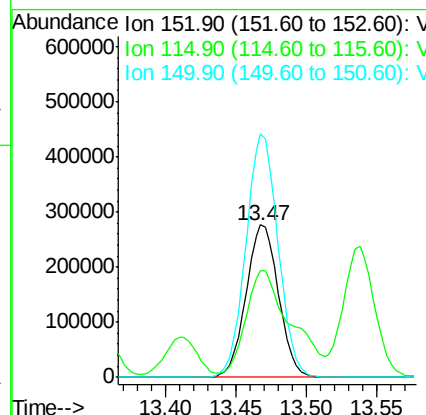
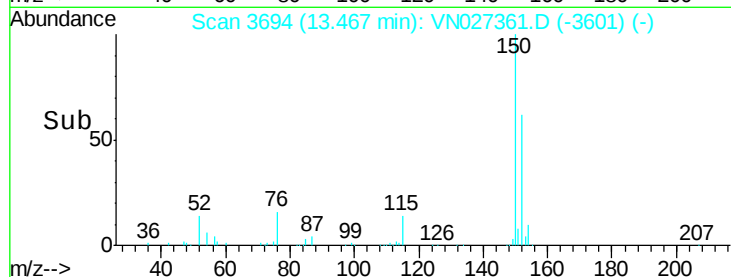
#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

Tgt Ion:152 Resp: 446065
 Ion Ratio Lower Upper
 152 100
 115 90.9 30.8 92.3
 150 158.5 0.0 345.0

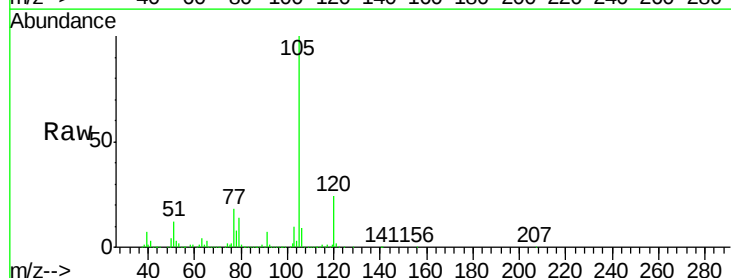


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

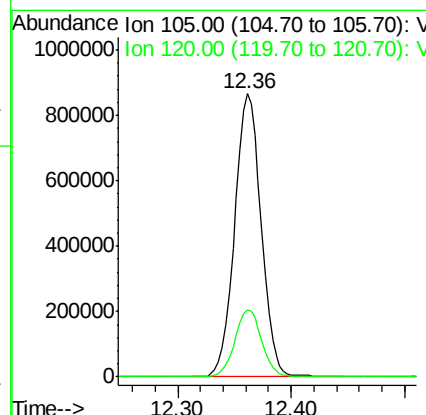
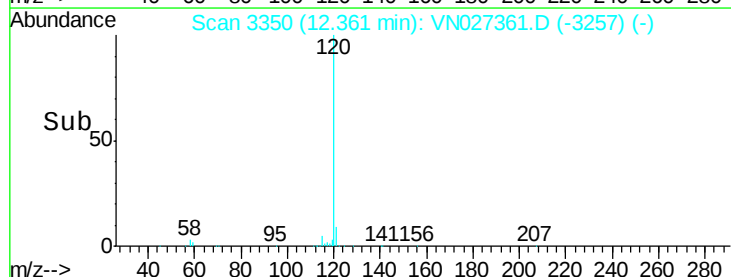


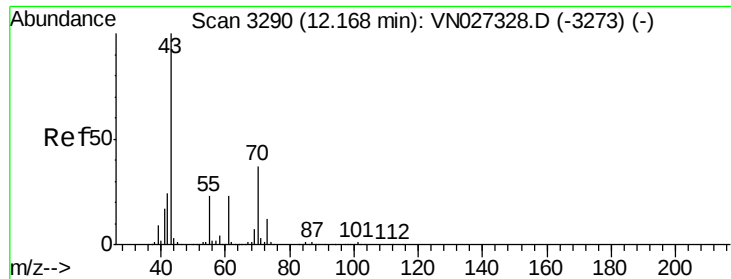
#74
 Isopropylbenzene
 Concen: 31.46 ug/l
 RT: 12.36 min Scan# 3350
 Delta R.T. -0.00 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

Tgt Ion:105 Resp: 1405708
 Ion Ratio Lower Upper
 105 100
 120 24.2 12.4 37.2



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





#75

N-ethyl acetate

Concen: 0.33 ug/l

RT: 12.15 min Scan# 3283

Delta R.T. -0.02 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampled :

MW-7BD

Tgt Ion: 43 Resp: 5893

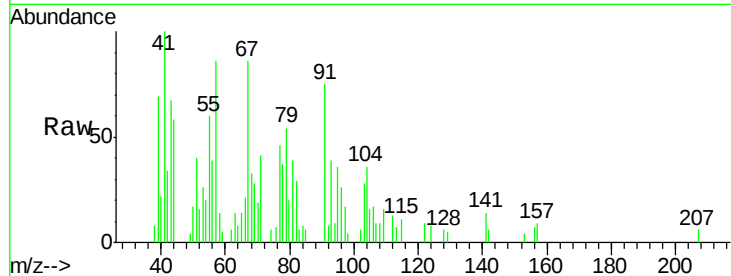
Ion Ratio Lower Upper

43 100

70 19.0 29.8 44.8#

55 0.0 19.4 29.0#

61 0.0 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

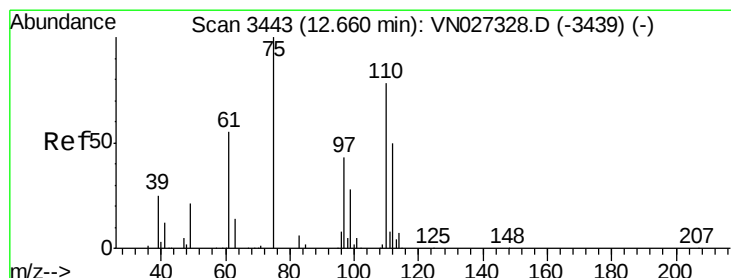
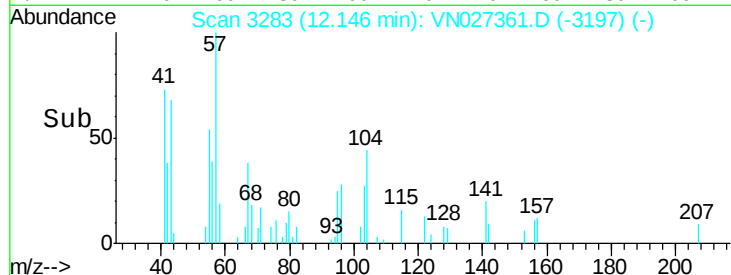
100000

50000

0

12.10 12.15 12.20

Time-->



#77

1,2,3-Trichloropropane

Concen: 9.62 ug/l

RT: 12.77 min Scan# 3477

Delta R.T. 0.11 min

Lab File: VN027361.D

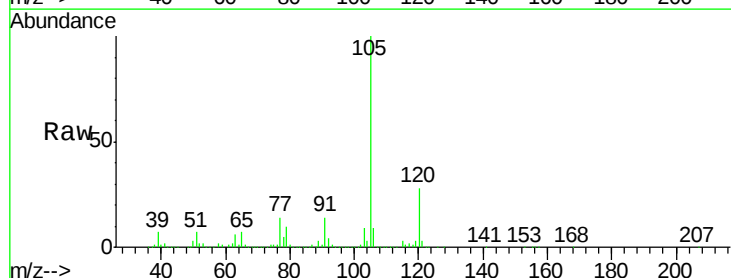
Acq: 22 Sep 2015 6:11

Tgt Ion: 75 Resp: 107698

Ion Ratio Lower Upper

75 100

77 1387.5 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

1000000

800000

600000

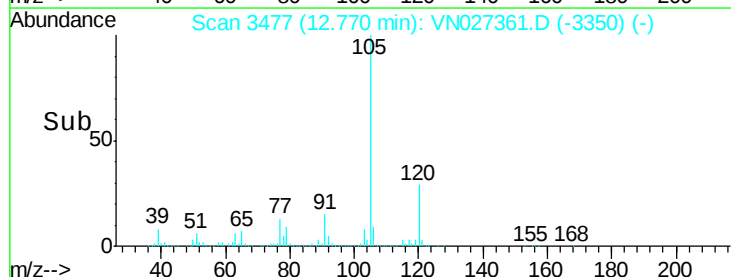
400000

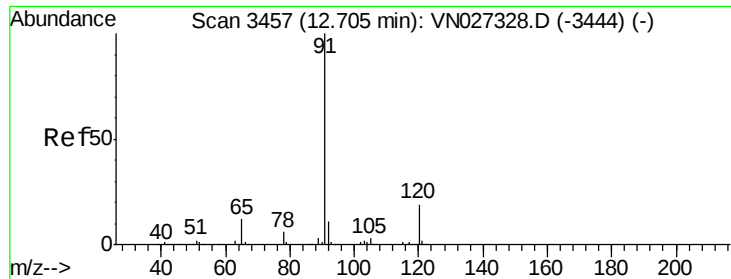
200000

0

12.75 12.80

Time-->





#79

n-propylbenzene

Concen: 27.36 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampled :

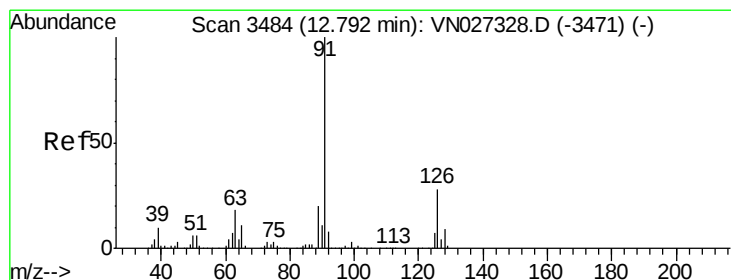
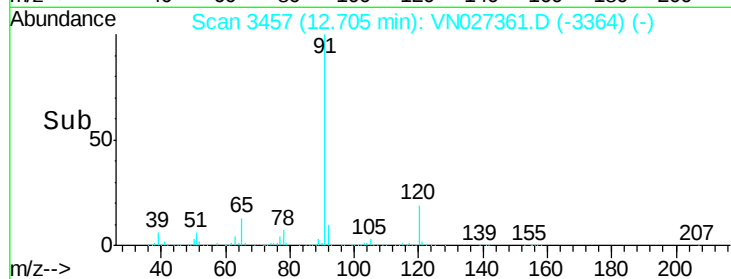
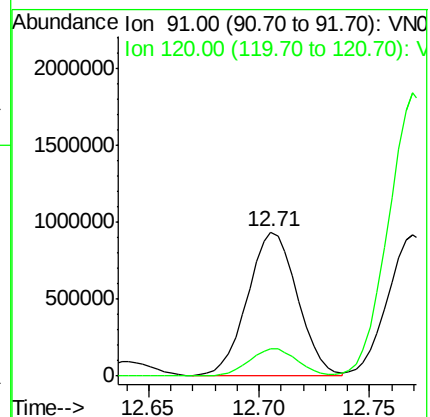
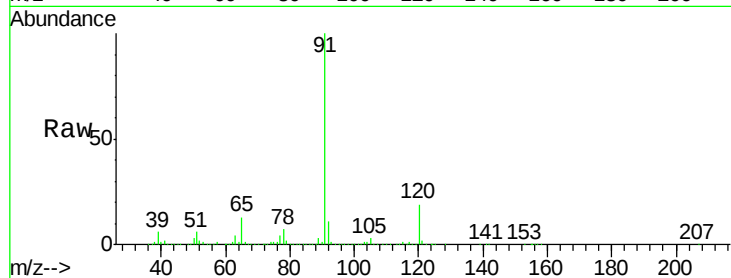
MW-7BD

Tgt Ion: 91 Resp: 1457952

Ion Ratio Lower Upper

91 100

120 19.2 10.3 30.8



#80

2-Chlorotoluene

Concen: 44.20 ug/l

RT: 12.77 min Scan# 3477

Delta R.T. -0.02 min

Lab File: VN027361.D

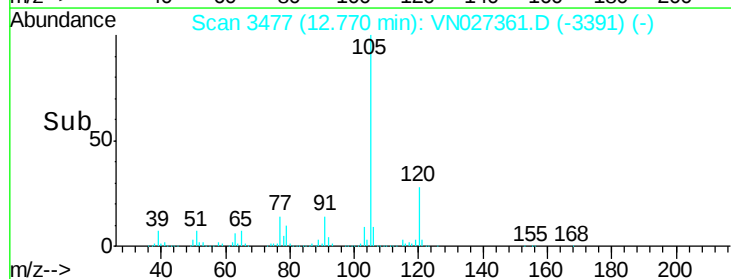
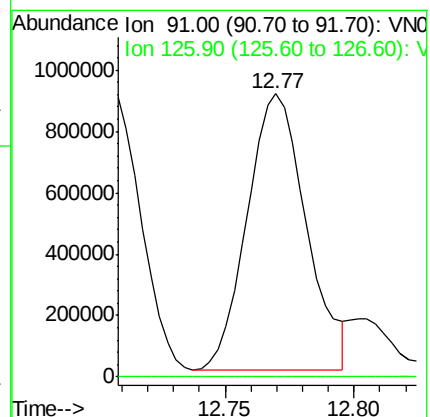
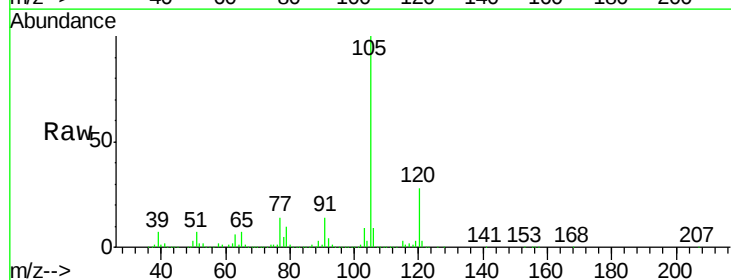
Acq: 22 Sep 2015 6:11

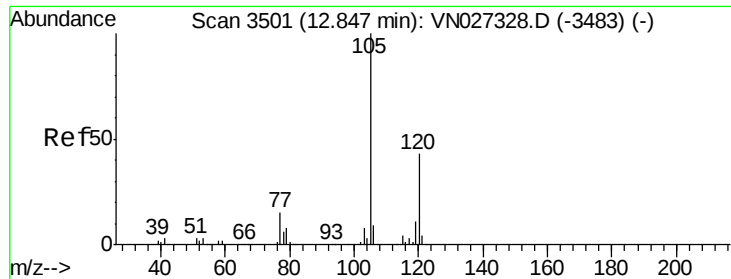
Tgt Ion: 91 Resp: 1439888

Ion Ratio Lower Upper

91 100

126 0.2 15.2 45.5#





#81

1,3,5-Trimethylbenzene

Concen: 104.19 ug/l

RT: 12.85 min Scan# 3501

Delta R.T. -0.00 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

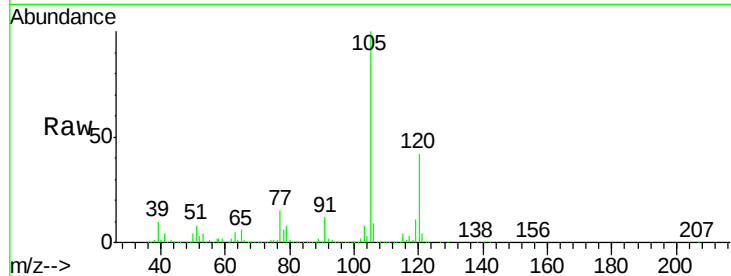
MW-7BD

Tgt Ion:105 Resp: 3763742

Ion Ratio Lower Upper

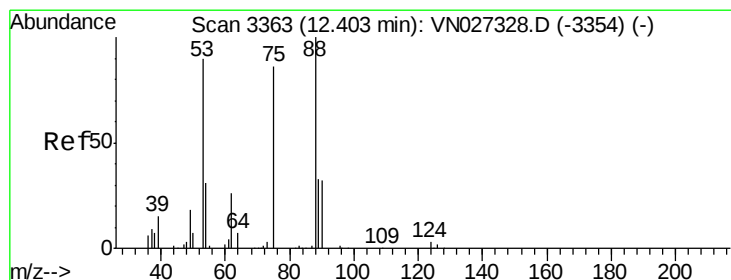
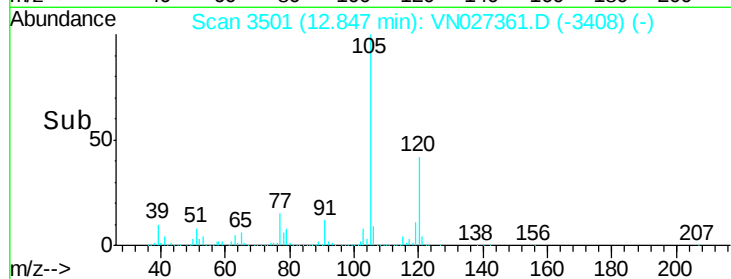
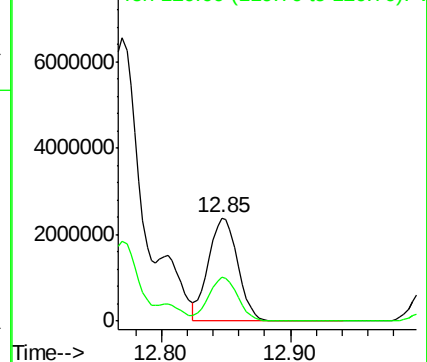
105 100

120 42.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

trans-1,4-Dichloro-2-butene

Concen: 4.58 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. -0.04 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

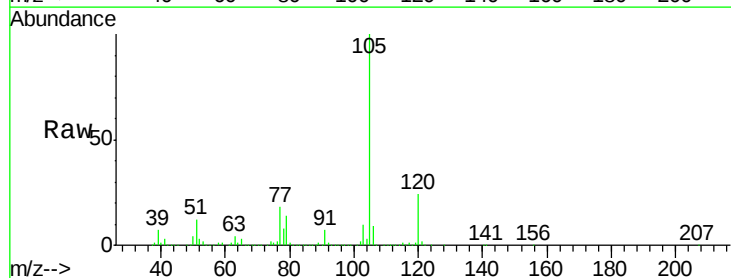
Tgt Ion: 75 Resp: 20006

Ion Ratio Lower Upper

75 100

53 100.4 92.9 139.3

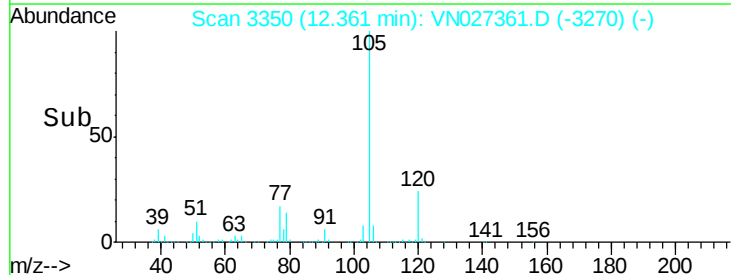
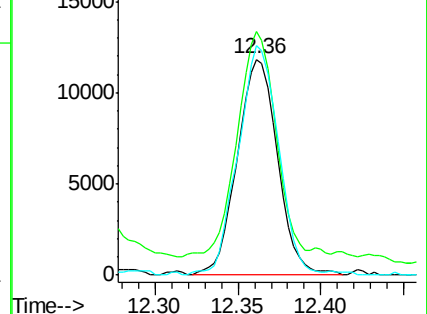
89 106.2 34.2 51.4#

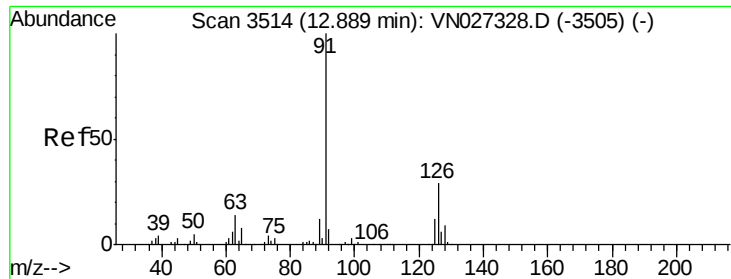


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

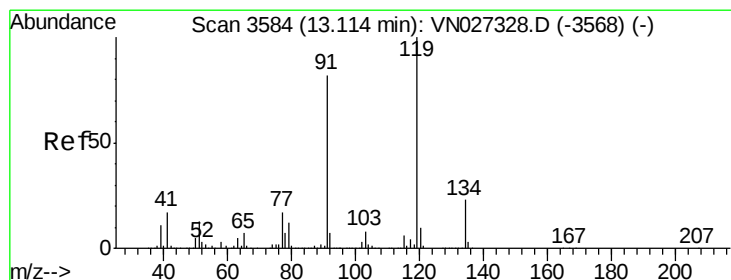
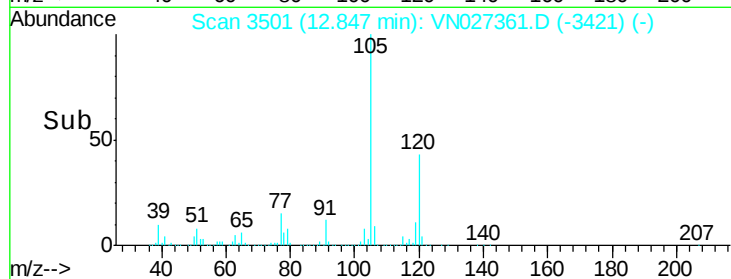
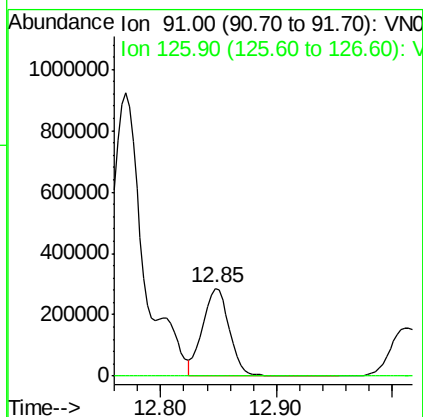
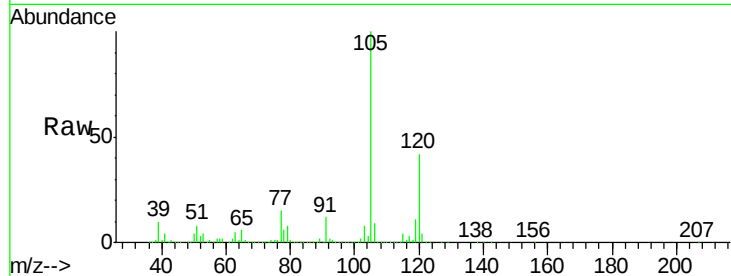




#83
 4-Chlorotoluene
 Concen: 14.37 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. -0.04 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

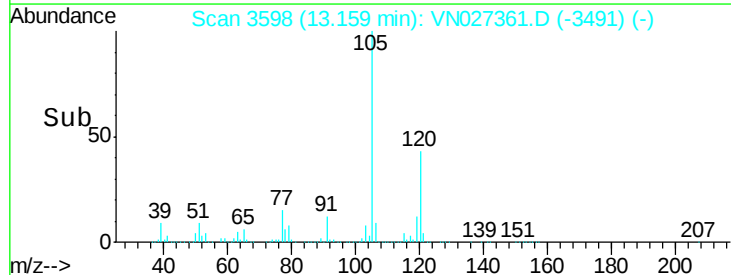
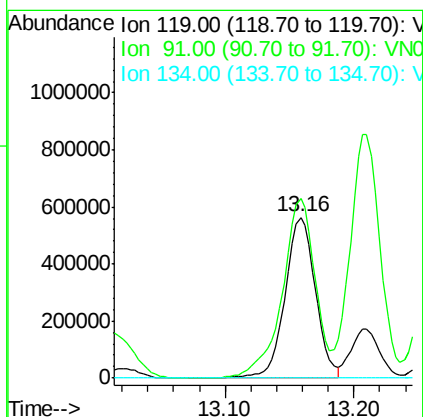
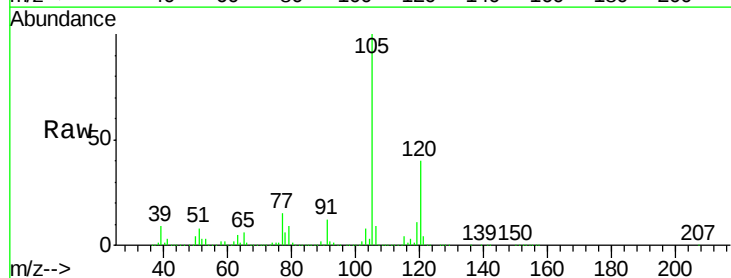
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

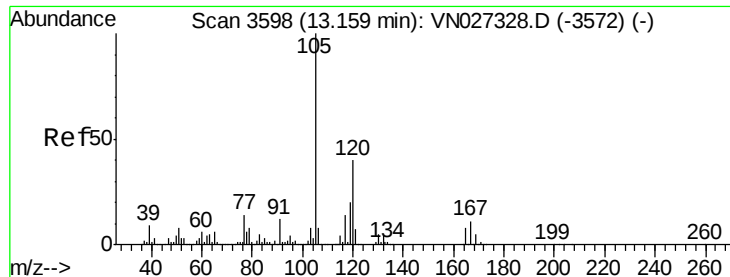
Tgt Ion: 91 Resp: 456886
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.9 44.5#



#84
 tert-Butylbenzene
 Concen: 31.57 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.04 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

Tgt Ion: 119 Resp: 919480
 Ion Ratio Lower Upper
 119 100
 91 120.5 34.6 103.8#
 134 0.0 11.4 34.2#





#85

1,2,4-Trimethylbenzene

Concen: 230.72 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampled :

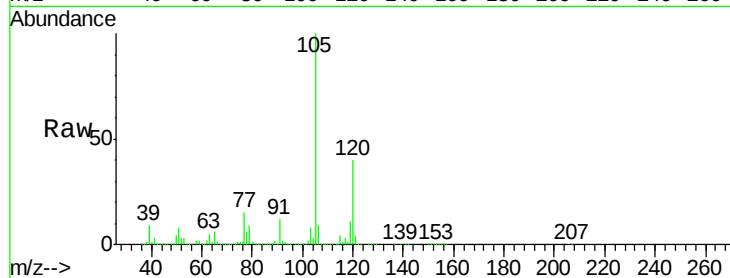
MW-7BD

Tgt Ion:105 Resp: 8288320

Ion Ratio Lower Upper

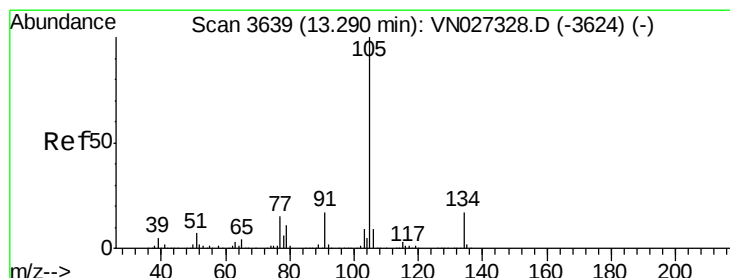
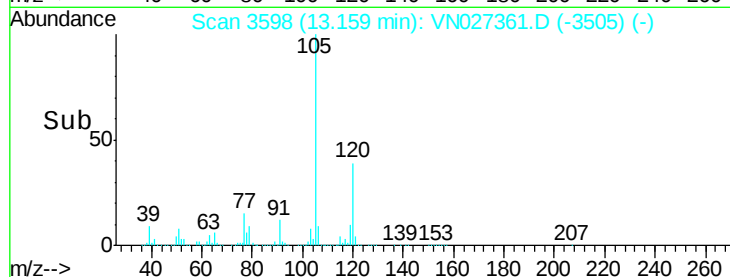
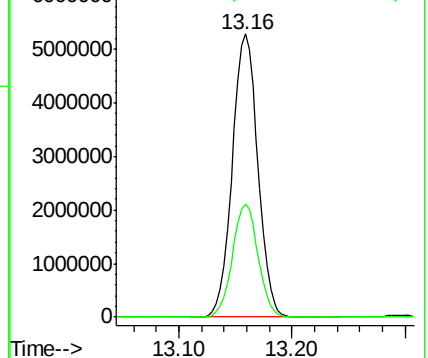
105 100

120 40.0 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

sec-Butylbenzene

Concen: 191.04 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. -0.13 min

Lab File: VN027361.D

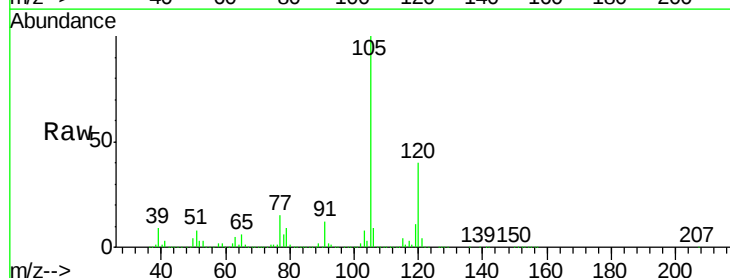
Acq: 22 Sep 2015 6:11

Tgt Ion:105 Resp: 8288320

Ion Ratio Lower Upper

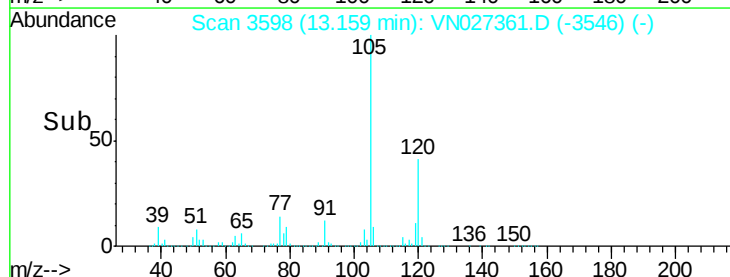
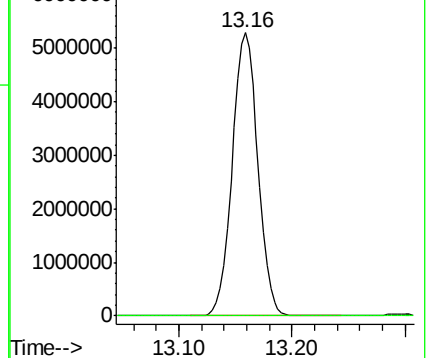
105 100

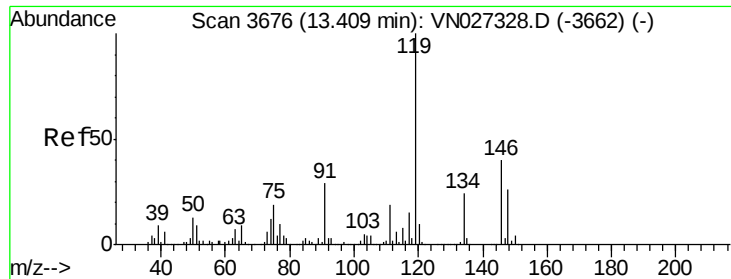
134 0.0 8.8 26.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

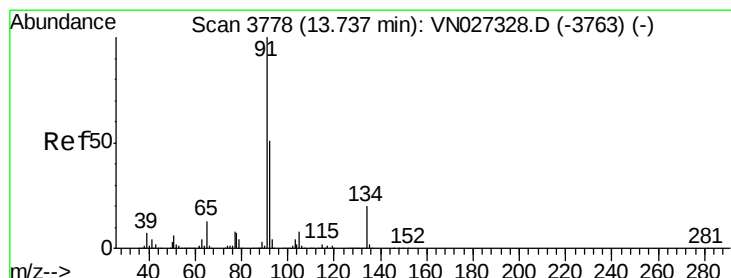
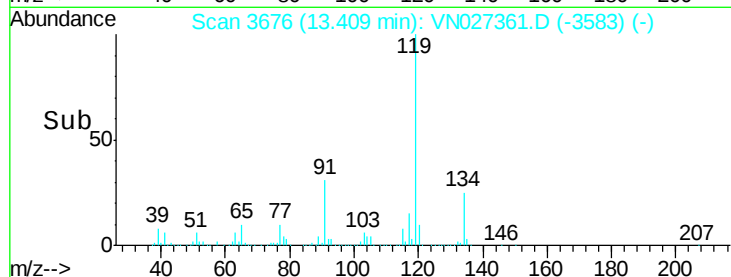
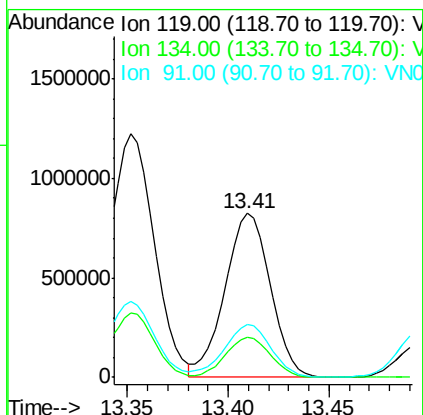
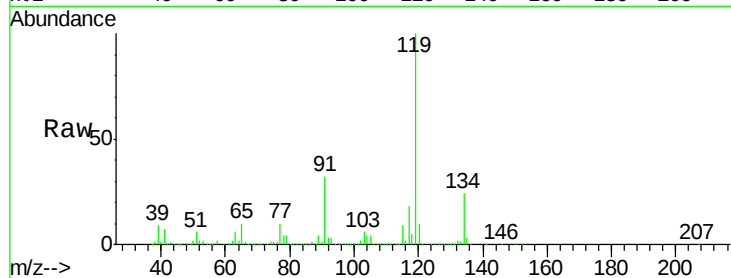




#87
 p-Isopropyltoluene
 Concen: 39.74 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

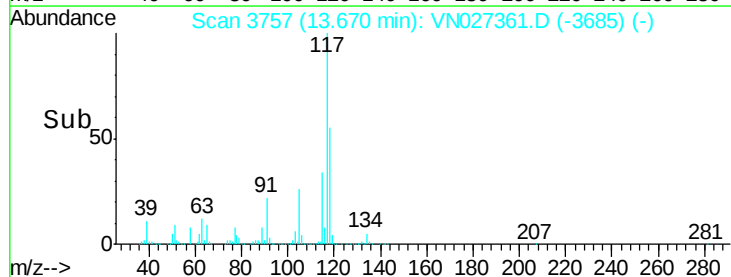
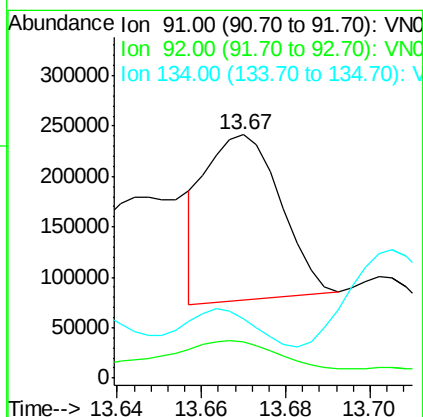
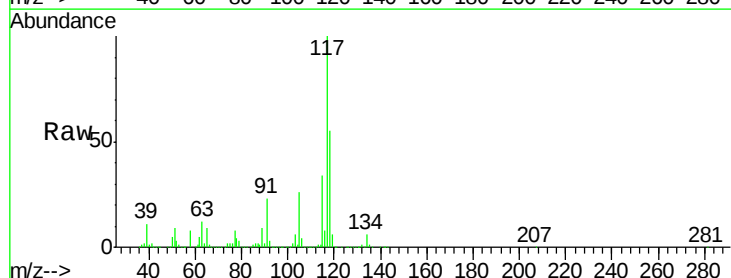
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

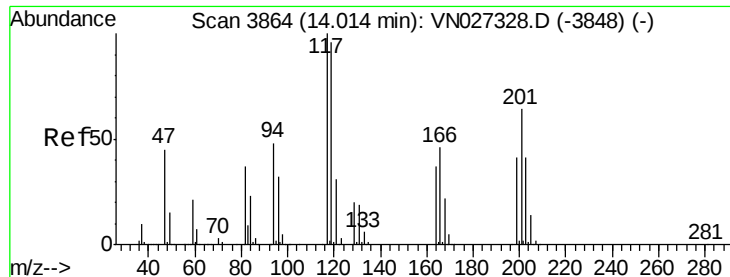
Tgt Ion: 119 Resp: 1292779
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.4 37.0
 91 32.9 12.0 36.1



#90
 n-Butylbenzene
 Concen: 6.21 ug/l
 RT: 13.67 min Scan# 3757
 Delta R.T. -0.07 min
 Lab File: VN027361.D
 Acq: 22 Sep 2015 6:11

Tgt Ion: 91 Resp: 201718
 Ion Ratio Lower Upper
 91 100
 92 45.2 26.1 78.2
 134 37.8 11.1 33.1#





#91

Hexachloroethane

Concen: 61.43 ug/l

RT: 14.06 min Scan# 3877

Delta R.T. 0.04 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

Instrument :

MSVOA_N

ClientSampleId :

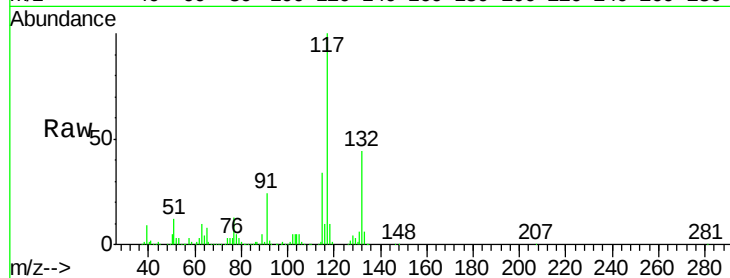
MW-7BD

Tgt Ion:117 Resp: 427266

Ion Ratio Lower Upper

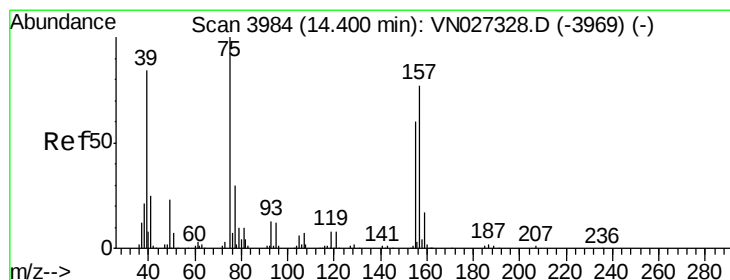
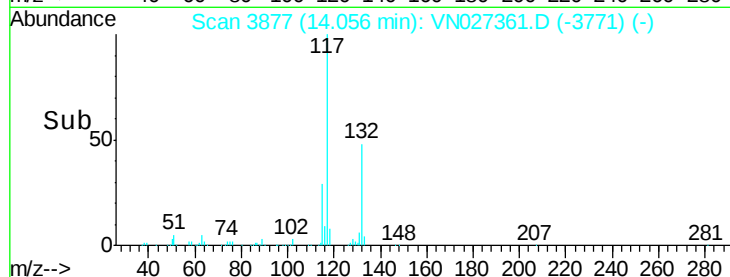
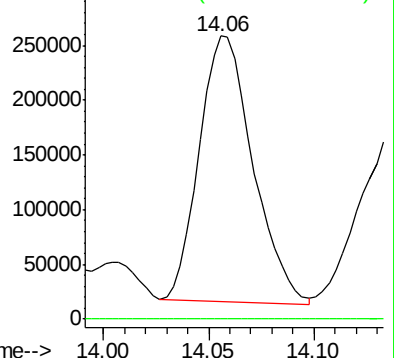
117 100

201 0.0 34.9 104.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2-Dibromo-3-Chloropropane

Concen: 14.15 ug/l

RT: 14.39 min Scan# 3981

Delta R.T. -0.01 min

Lab File: VN027361.D

Acq: 22 Sep 2015 6:11

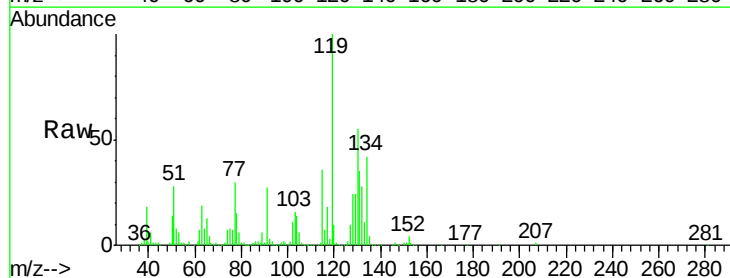
Tgt Ion: 75 Resp: 34887

Ion Ratio Lower Upper

75 100

155 0.9 35.6 106.9#

157 0.0 44.6 133.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

