

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027358.D
 Acq On : 22 Sep 2015 4:48
 Operator : MD\FY
 Sample : G3754-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

Quant Time: Sep 22 07:26:35 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	695428	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1259149	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1078288	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	438963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	702317	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
36) Dibromofluoromethane	7.68	113	446554	54.35	ug/l	0.00
Spiked Amount			Recovery	=	108.70%	
51) Toluene-d8	10.19	98	1854906	58.40	ug/l	0.00
Spiked Amount			Recovery	=	116.80%	
63) 4-Bromofluorobenzene	12.52	95	660058	57.20	ug/l	0.00
Spiked Amount			Recovery	=	114.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Methyl Iodide	4.00	142	74	2.39	ug/l #	43
12) Tert butyl alcohol	4.80	59	877	0.81	ug/l #	74
14) Acrolein	3.59	56	1349	0.96	ug/l #	1
17) Acetone	3.83	43	129380	34.93	ug/l	95
18) Carbon Disulfide	4.11	76	10450	0.44	ug/l #	93
24) Vinyl Acetate	6.01	43	297	9.30	ug/l #	76
26) 2-Butanone	6.95	43	19346	3.99	ug/l	96
32) Cyclohexane	7.76	56	129834	6.08	ug/l #	83
37) 1,1-Dichloropropene	7.75	75	77220	5.69	ug/l #	51
38) Ethyl Acetate	6.95	43	19346	1.85	ug/l #	71
39) Carbon Tetrachloride	7.75	117	78510	6.15	ug/l #	16
40) Methylcyclohexane	9.19	83	178665	11.08	ug/l	99
41) Benzene	8.14	78	20436216	518.90	ug/l	99
43) 1,2-Dichloroethane	8.14	62	202960	12.64	ug/l	76
49) Methyl methacrylate	9.37	41	4532	0.48	ug/l #	47
50) 1,4-Dioxane	9.02	88	32	0.28	ug/l #	19
52) 4-Methyl-2-Pentanone	9.97	43	6345	0.62	ug/l #	38
53) Toluene	10.26	92	14802286	635.38	ug/l #	1
54) t-1,3-Dichloropropene	10.26	75	197617	13.19	ug/l #	1
56) 1,1,2-Trichloroethane	10.64	97	11381	1.31	ug/l #	17
57) Ethyl methacrylate	10.52	69	3201	0.23	ug/l #	20
69) m/p-Xylenes	11.72	106	8249842	545.69	ug/l #	1
70) o-Xylene	12.06	106	2703803	176.99	ug/l	89
71) Styrene	12.07	104	1200855	49.38	ug/l #	63
74) Isopropylbenzene	12.36	105	904483	20.57	ug/l	99
75) N-amyl acetate	12.13	43	13716	0.79	ug/l #	48
77) 1,2,3-Trichloropropane	12.77	75	45087	4.09	ug/l #	1
79) n-propylbenzene	12.71	91	681299	12.99	ug/l	98
80) 2-Chlorotoluene	12.77	91	641526	20.01	ug/l #	44
81) 1,3,5-Trimethylbenzene	12.85	105	1733666	48.77	ug/l	96
82) trans-1,4-Dichloro-2-buten	12.36	75	12621	2.94	ug/l #	64
83) 4-Chlorotoluene	12.85	91	210687	6.73	ug/l #	45
84) tert-Butylbenzene	13.16	119	437007	15.25	ug/l #	43
85) 1,2,4-Trimethylbenzene	13.16	105	3901042	110.35	ug/l	95

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Instrument :
MSVOA_N
ClientSampleId :
MW-2B

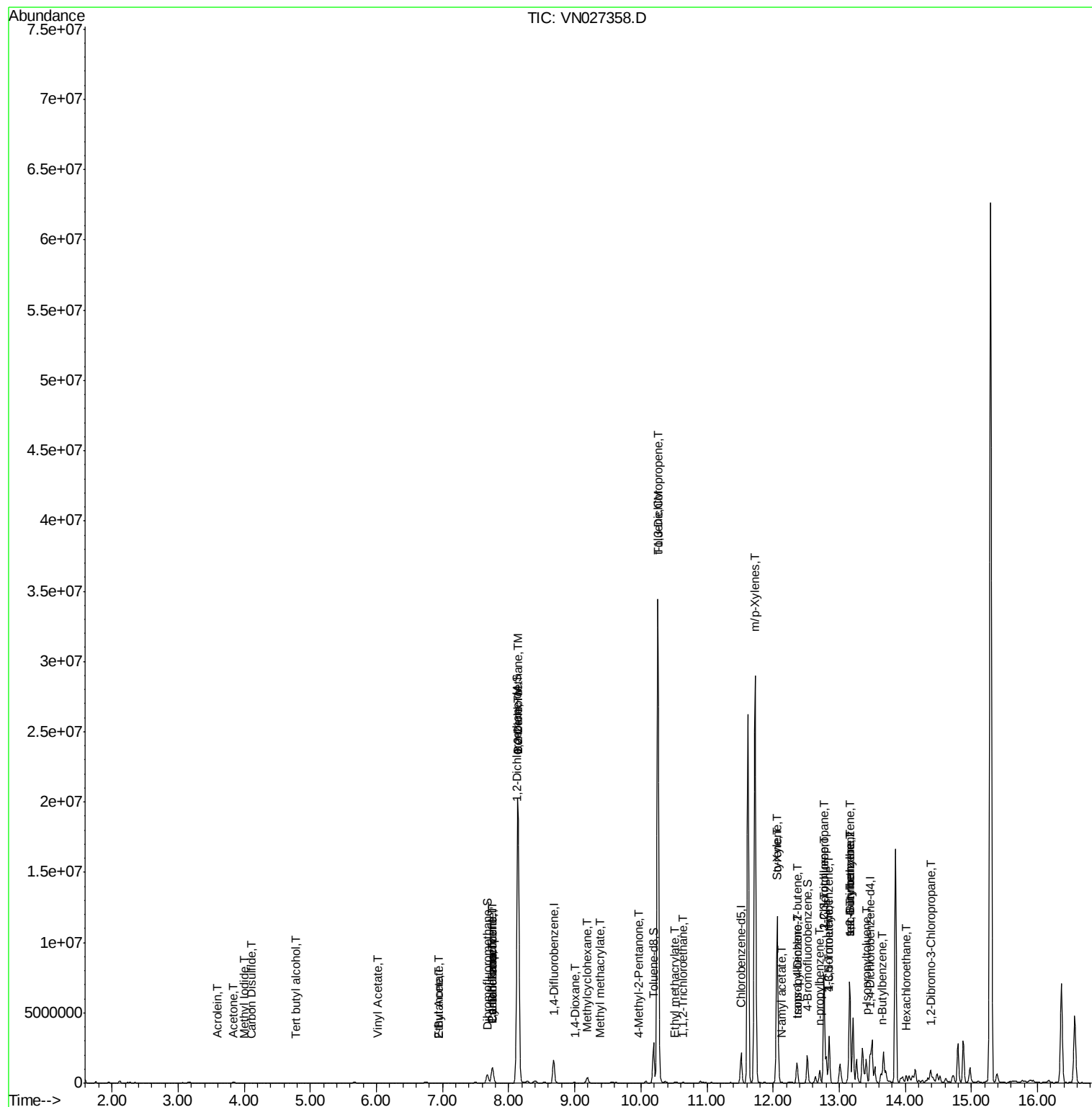
Quant Time: Sep 22 07:26:35 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration

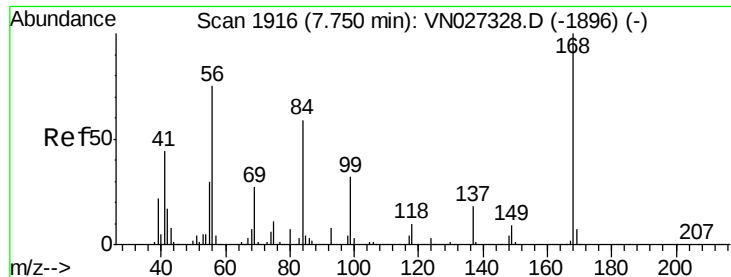
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) sec-Butylbenzene	13.16	105	3901042	91.37	ug/l #	60
87) p-Isopropyltoluene	13.41	119	854204	26.68	ug/l	92
90) n-Butylbenzene	13.64	91	163865	5.13	ug/l #	37
91) Hexachloroethane	14.01	117	49798	7.28	ug/l #	15
93) 1,2-Dibromo-3-Chloropropan	14.39	75	16014	6.60	ug/l #	9

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

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Sep 22 07:26:35 2015
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QLast Update : Mon Sep 21 13:12:32 2015
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampleId :

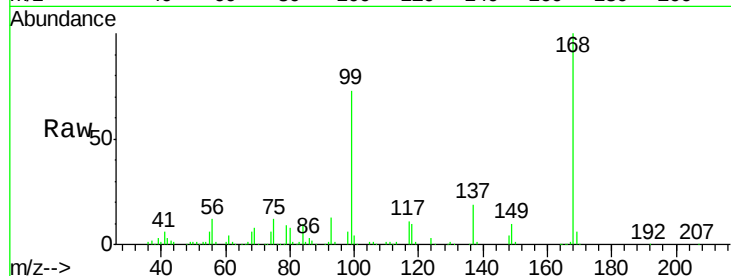
MW-2B

Tgt Ion:168 Resp: 695428

Ion Ratio Lower Upper

168 100

99 72.8 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

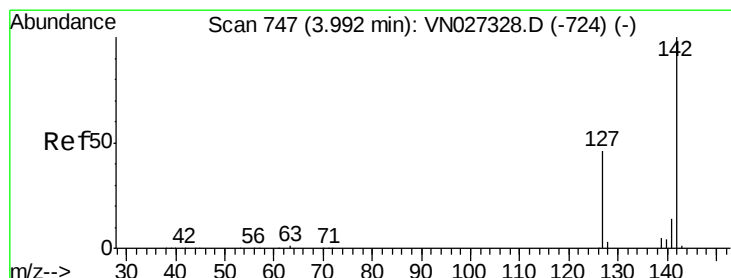
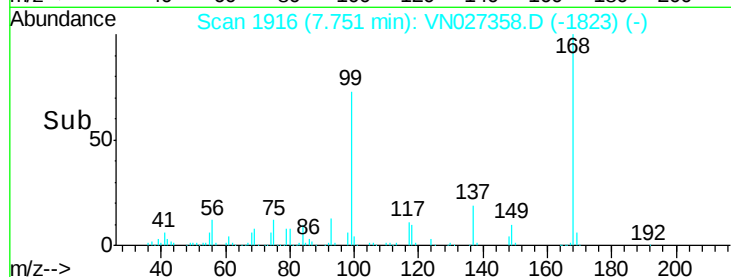
300000

200000

100000

0

Time-->



#11

Methyl Iodide

Concen: 2.39 ug/l

RT: 4.00 min Scan# 748

Delta R.T. 0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

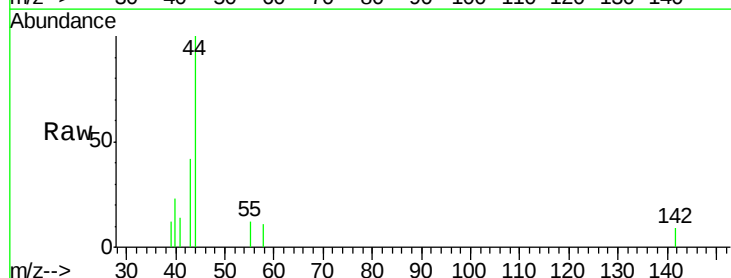
Tgt Ion:142 Resp: 74

Ion Ratio Lower Upper

142 100

127 0.0 32.3 48.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.00

250

200

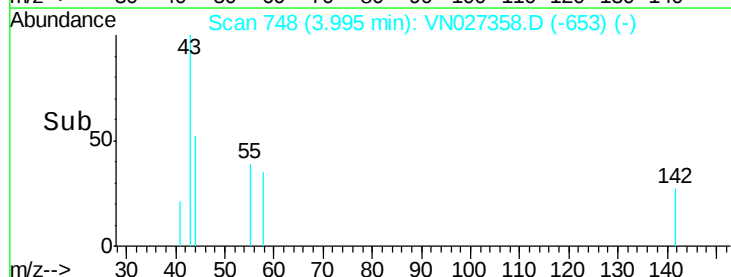
150

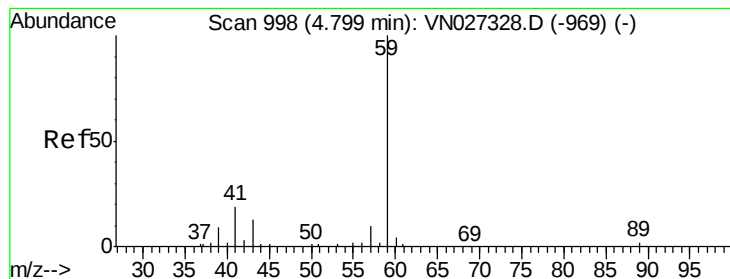
100

50

0

Time-->





#12

Tert butyl alcohol

Concen: 0.81 ug/l

RT: 4.80 min Scan# 997

Delta R.T. -0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampled :

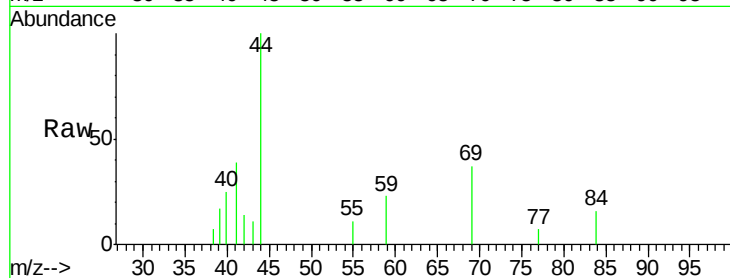
MW-2B

Tgt Ion: 59 Resp: 877

Ion Ratio Lower Upper

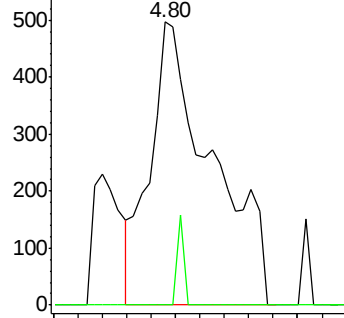
59 100

57 0.0 7.6 11.4#

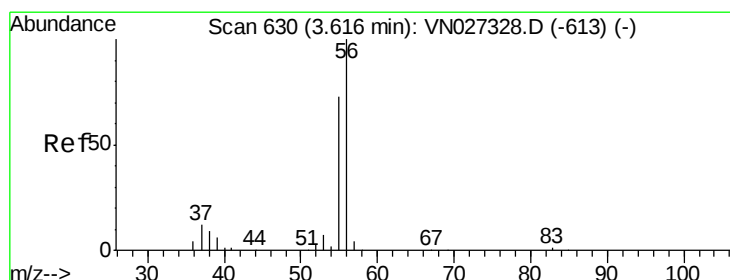
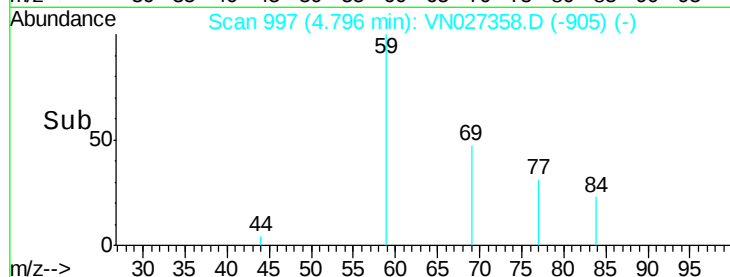


Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



Time--> 4.75 4.80 4.85



#14

Acrolein

Concen: 0.96 ug/l

RT: 3.59 min Scan# 623

Delta R.T. -0.02 min

Lab File: VN027358.D

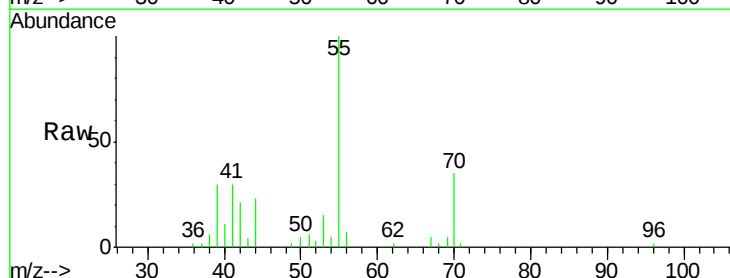
Acq: 22 Sep 2015 4:48

Tgt Ion: 56 Resp: 1349

Ion Ratio Lower Upper

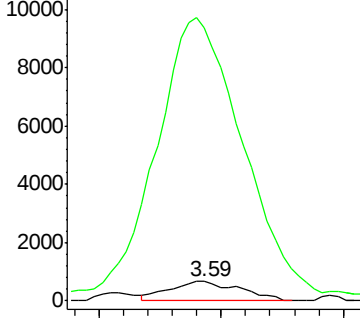
56 100

55 1813.6 55.7 83.5#

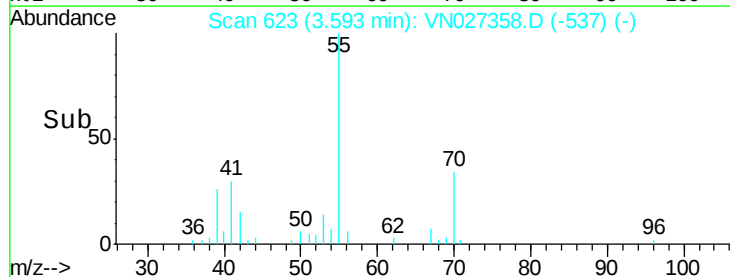


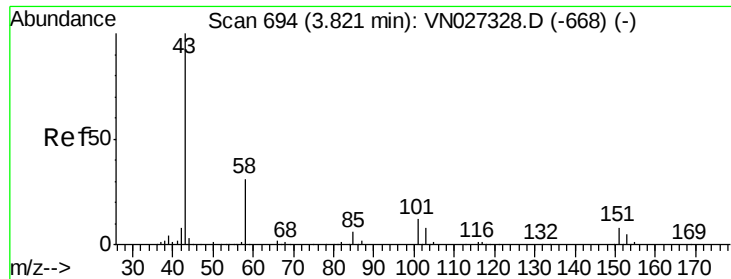
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time--> 3.55 3.60 3.65





#17

Acetone

Concen: 34.93 ug/l

RT: 3.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampleId :

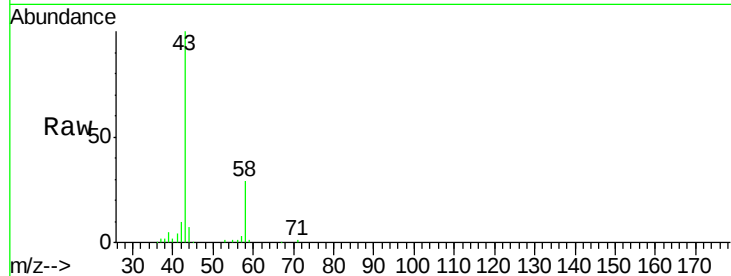
MW-2B

Tgt Ion: 43 Resp: 129380

Ion Ratio Lower Upper

43 100

58 28.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

40000

30000

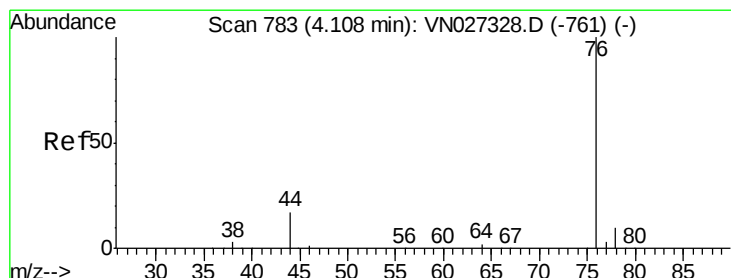
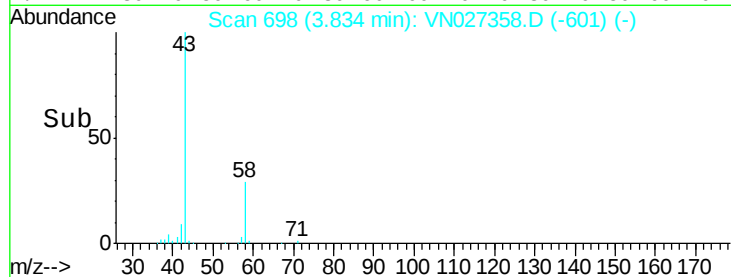
20000

10000

0

Time-->

3.80 3.90



#18

Carbon Disulfide

Concen: 0.44 ug/l

RT: 4.11 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN027358.D

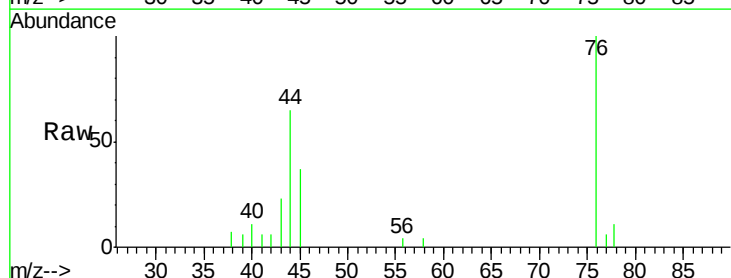
Acq: 22 Sep 2015 4:48

Tgt Ion: 76 Resp: 10450

Ion Ratio Lower Upper

76 100

78 11.4 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.11

4000

3000

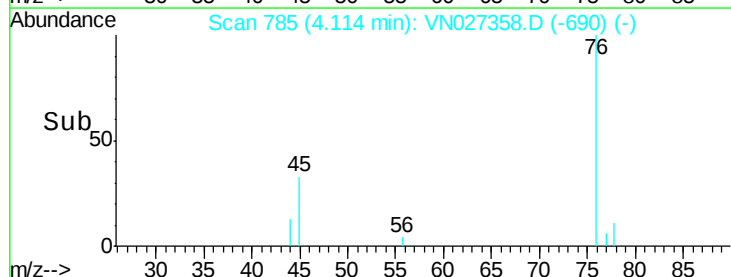
2000

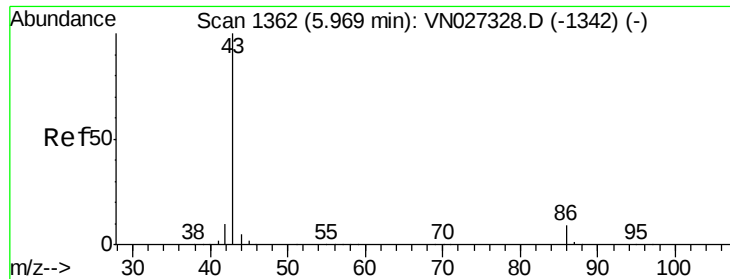
1000

0

Time-->

4.05 4.10 4.15





#24

Vinyl Acetate

Concen: 9.30 ug/l

RT: 6.01 min Scan# 1375

Delta R.T. 0.04 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampled :

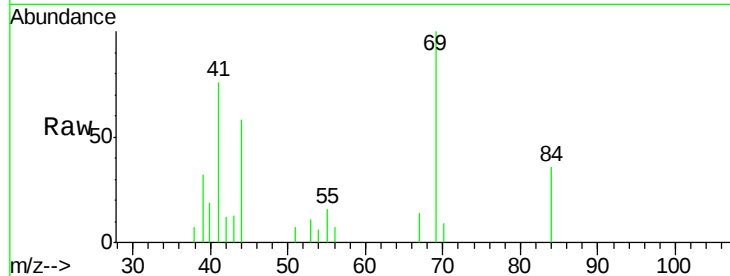
MW-2B

Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

86 0.0 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

6.01

500

400

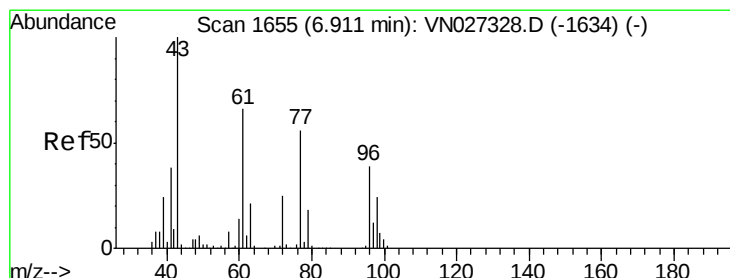
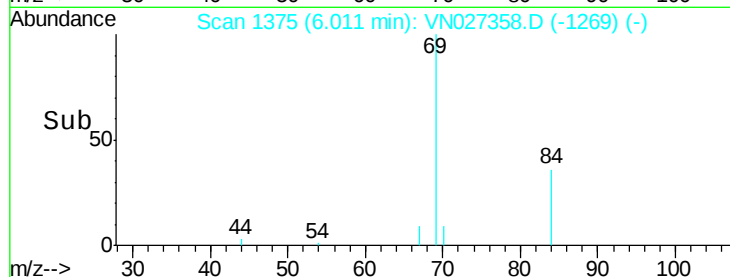
300

200

100

0

Time-->



#26

2-Butanone

Concen: 3.99 ug/l

RT: 6.95 min Scan# 1666

Delta R.T. 0.04 min

Lab File: VN027358.D

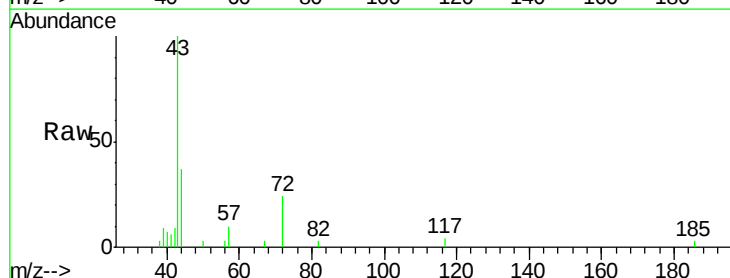
Acq: 22 Sep 2015 4:48

Tgt Ion: 43 Resp: 19346

Ion Ratio Lower Upper

43 100

72 25.6 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.95

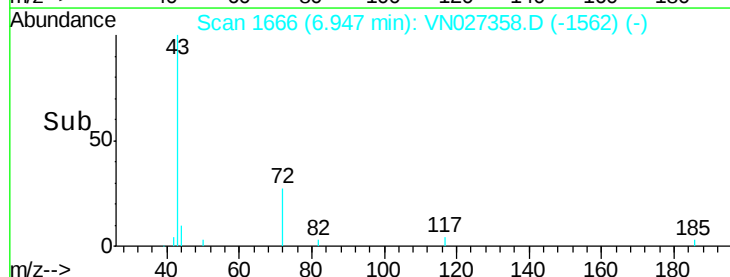
6000

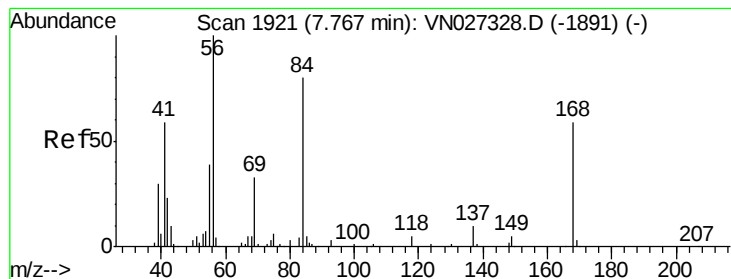
4000

2000

0

Time-->





#32

Cyclohexane

Concen: 6.08 ug/l

RT: 7.76 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampled :

MW-2B

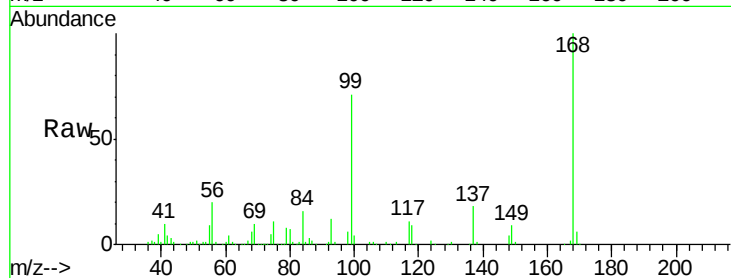
Tgt Ion: 56 Resp: 129834

Ion Ratio Lower Upper

56 100

69 47.3 23.0 34.4#

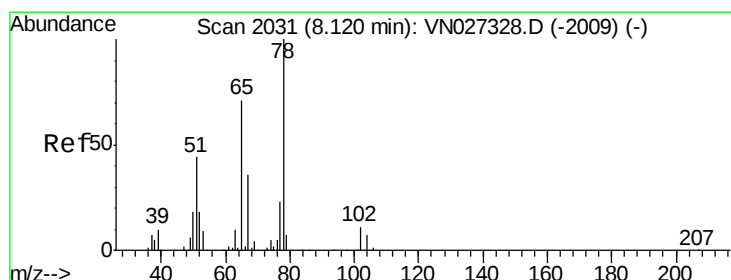
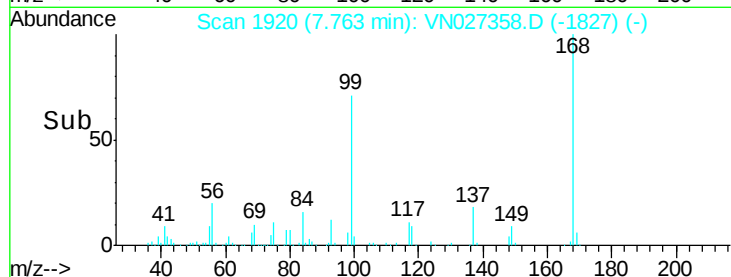
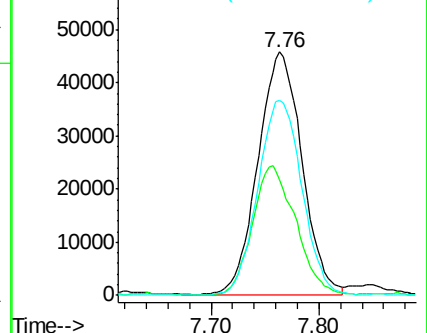
84 80.3 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#34

1,2-Dichloroethane-d4

Concen: 51.59 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027358.D

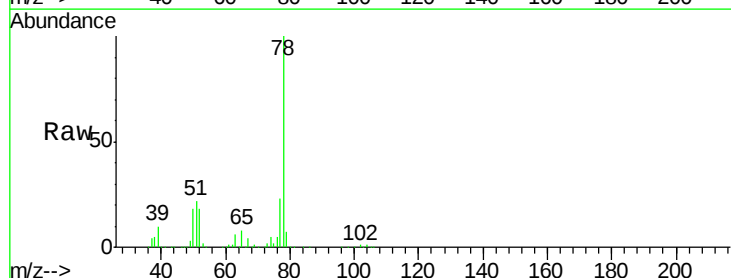
Acq: 22 Sep 2015 4:48

Tgt Ion: 65 Resp: 702317

Ion Ratio Lower Upper

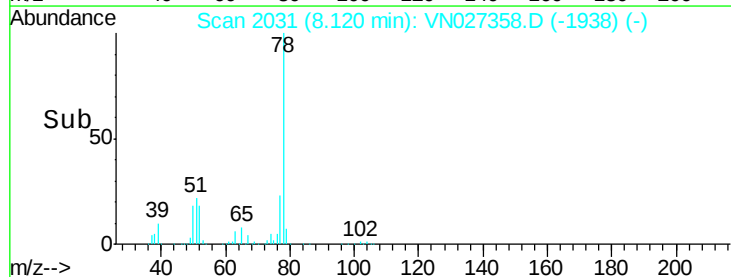
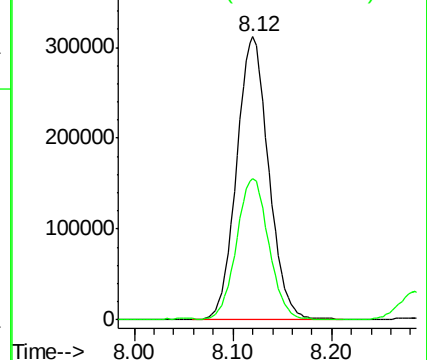
65 100

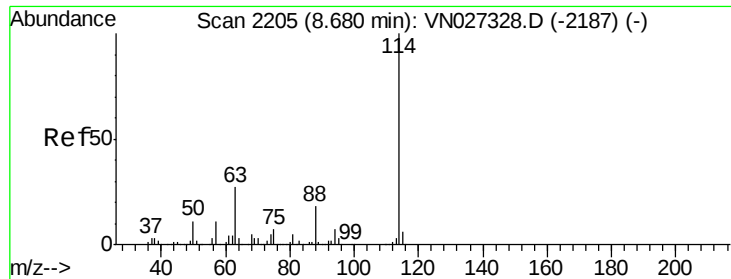
67 49.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

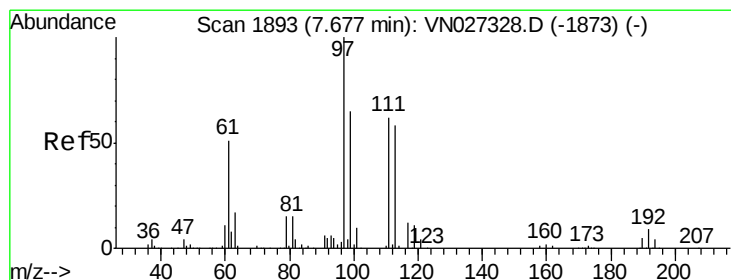
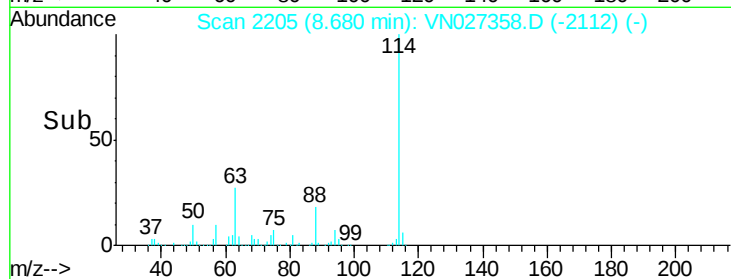
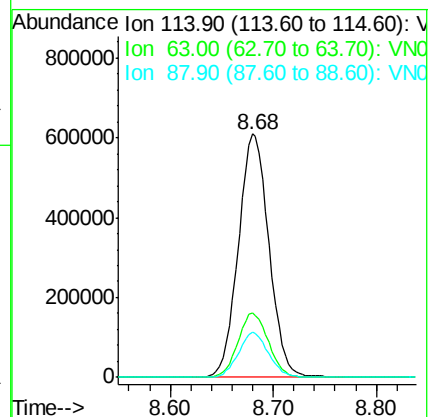
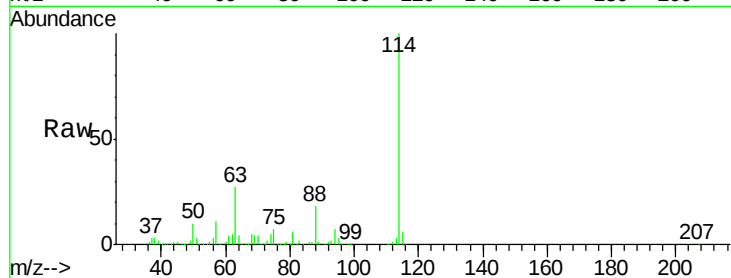




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

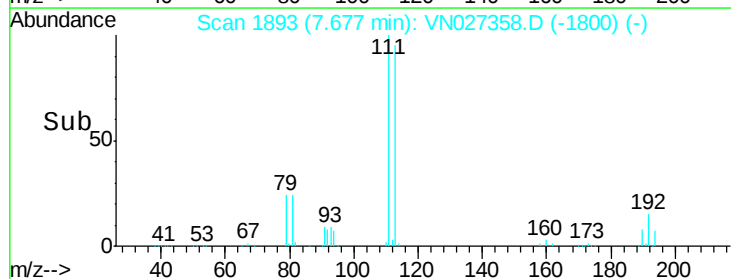
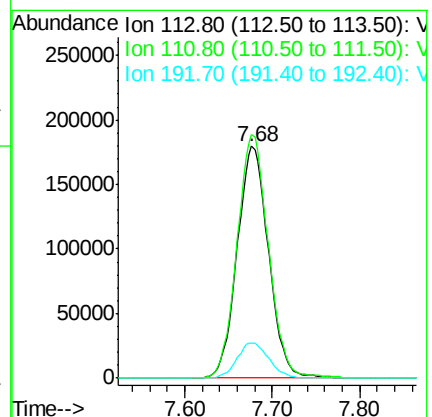
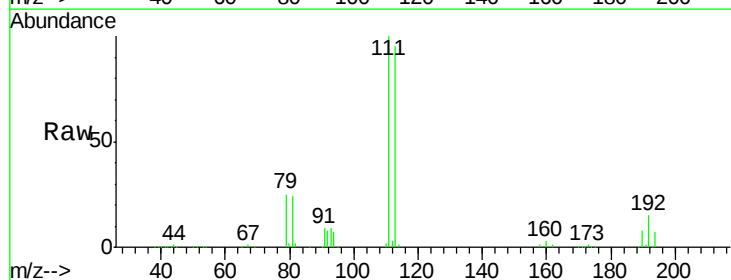
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

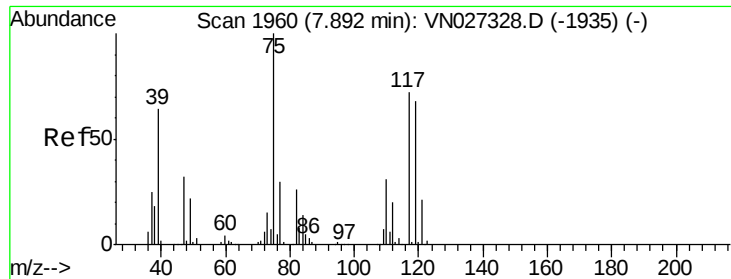
Tgt Ion:114 Resp: 1259149
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 48.8
 88 18.3 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 54.35 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

Tgt Ion:113 Resp: 446554
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.4
 192 15.4 14.1 21.1

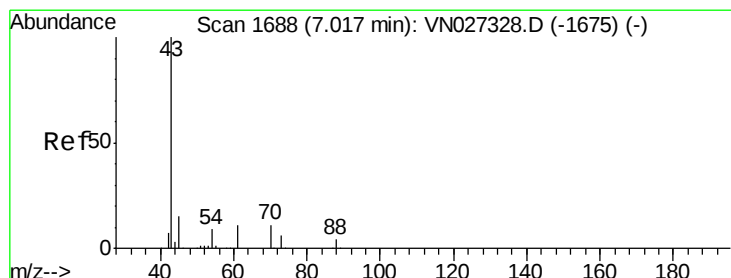
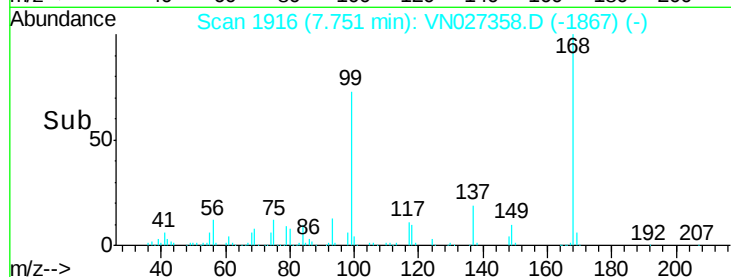
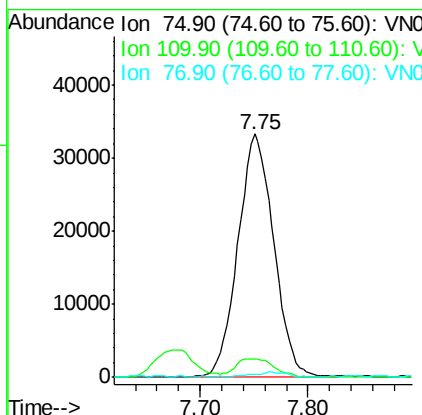
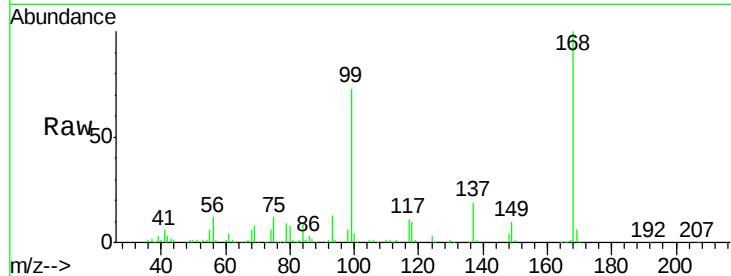




#37
 1,1-Dichloropropene
 Concen: 5.69 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

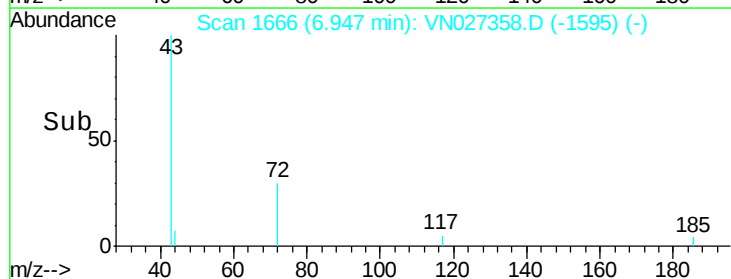
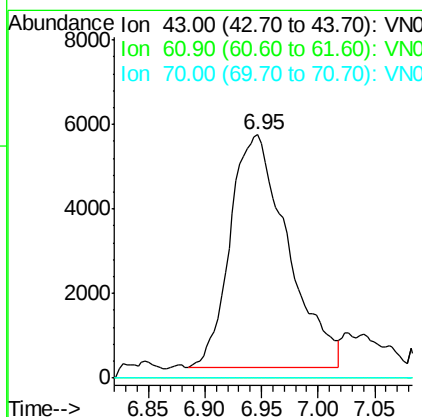
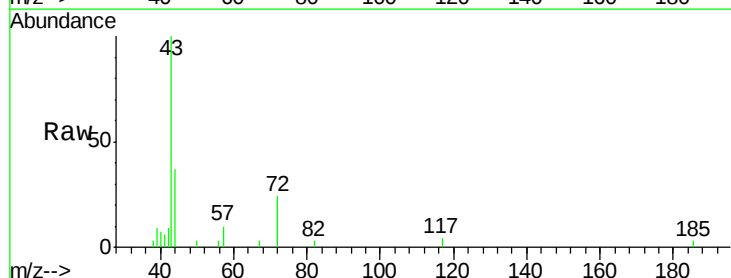
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2B

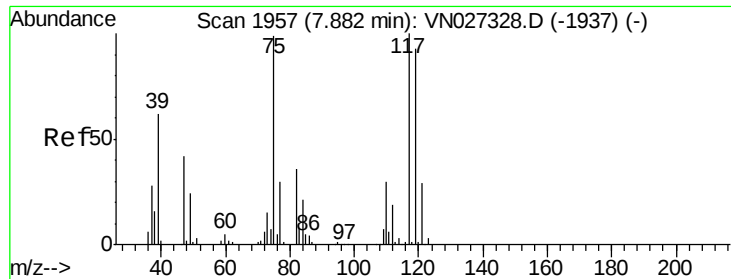
Tgt Ion: 75 Resp: 77220
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.9 47.7#
 77 0.0 24.9 37.3#



#38
 Ethyl Acetate
 Concen: 1.85 ug/l
 RT: 6.95 min Scan# 1666
 Delta R.T. -0.07 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

Tgt Ion: 43 Resp: 19346
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.4#
 70 0.0 7.4 11.0#





#39

Carbon Tetrachloride

Concen: 6.15 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. -0.13 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampled :

MW-2B

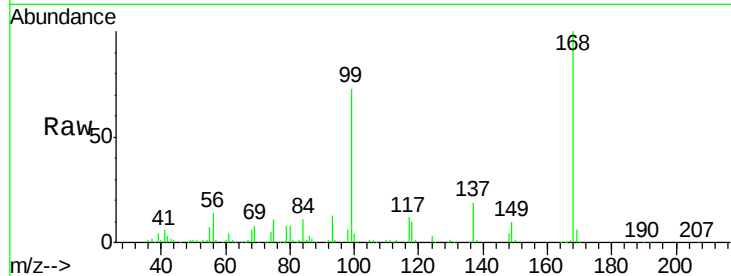
Tgt Ion:117 Resp: 78510

Ion Ratio Lower Upper

117 100

119 4.7 75.3 112.9#

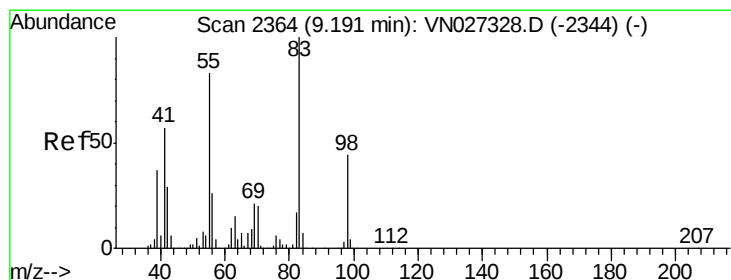
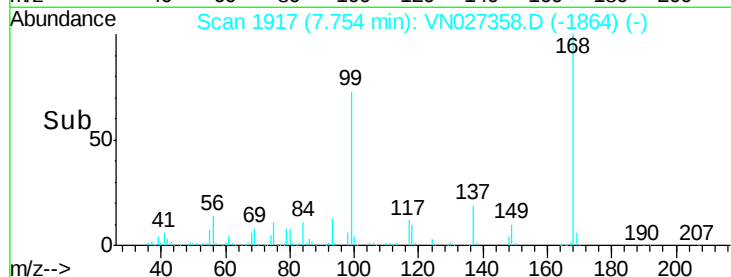
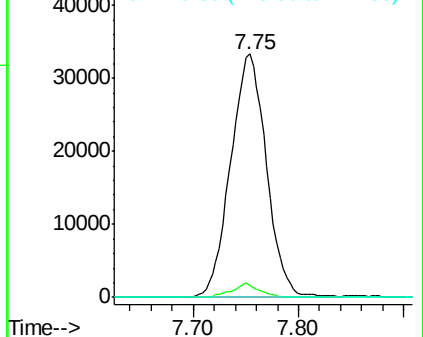
121 0.0 23.8 35.8#



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: 11.08 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

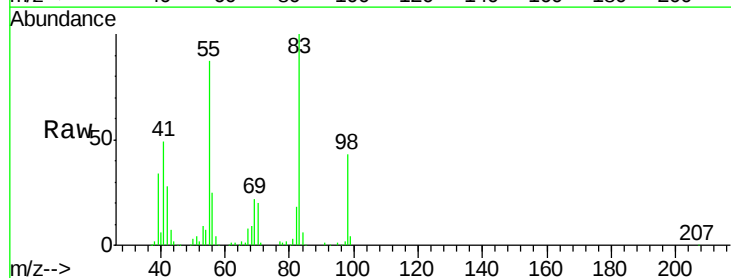
Tgt Ion: 83 Resp: 178665

Ion Ratio Lower Upper

83 100

55 86.2 69.8 104.8

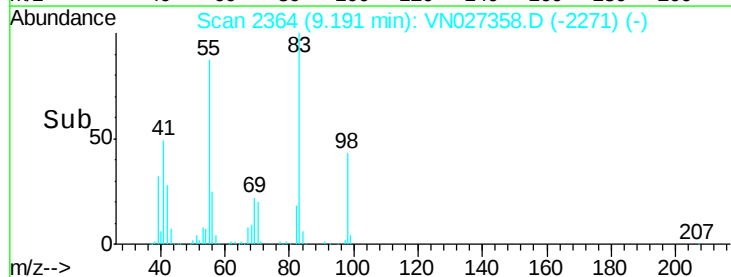
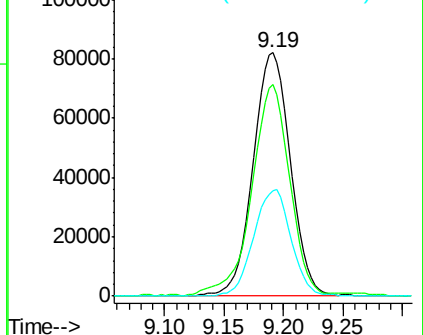
98 43.4 34.3 51.5

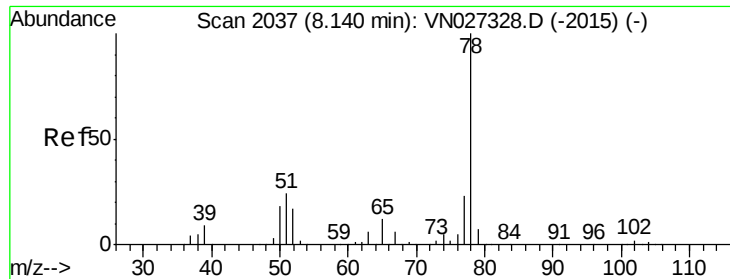


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#41

Benzene

Concen: 518.90 ug/l

RT: 8.14 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampleId :

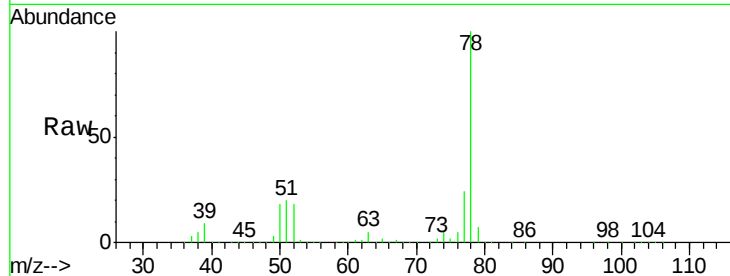
MW-2B

Tgt Ion: 78 Resp: 20436216

Ion Ratio Lower Upper

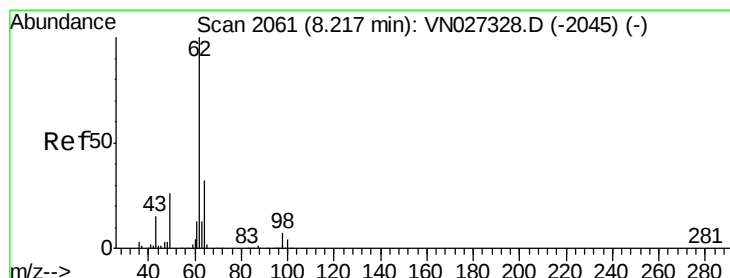
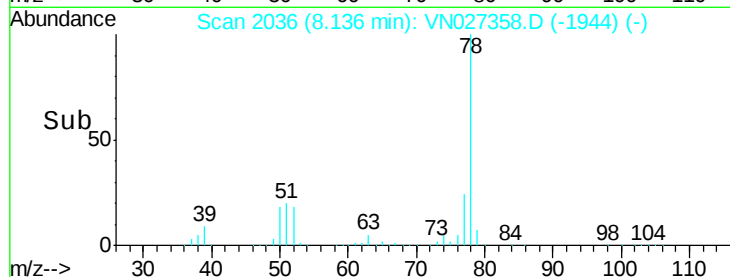
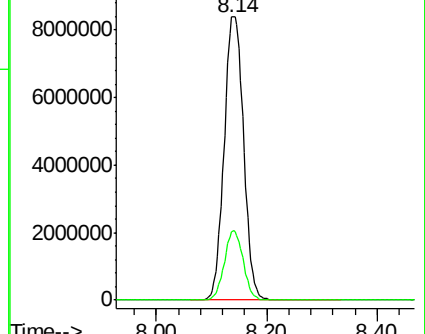
78 100

77 24.0 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: 12.64 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. -0.08 min

Lab File: VN027358.D

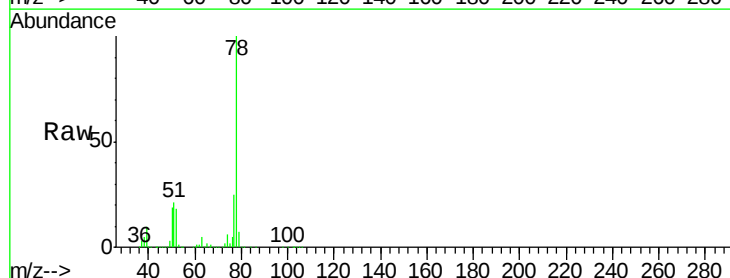
Acq: 22 Sep 2015 4:48

Tgt Ion: 62 Resp: 202960

Ion Ratio Lower Upper

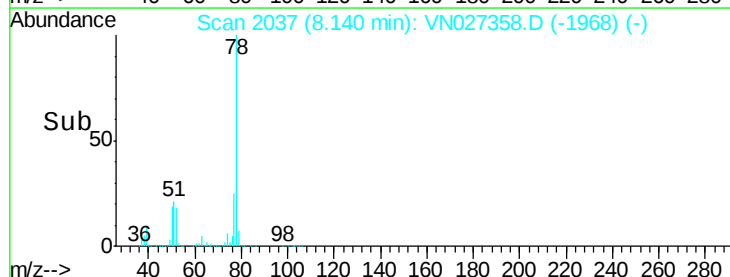
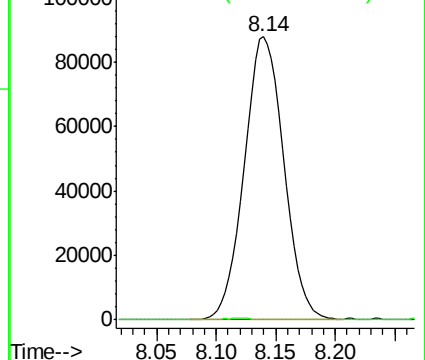
62 100

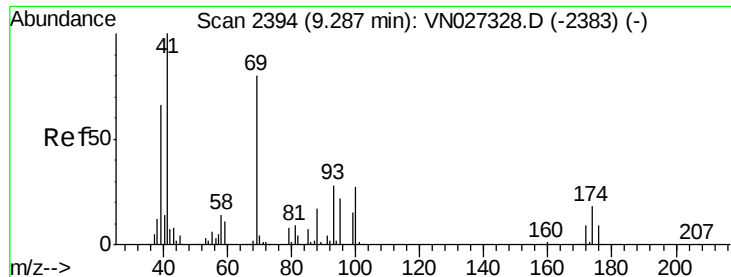
98 0.4 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

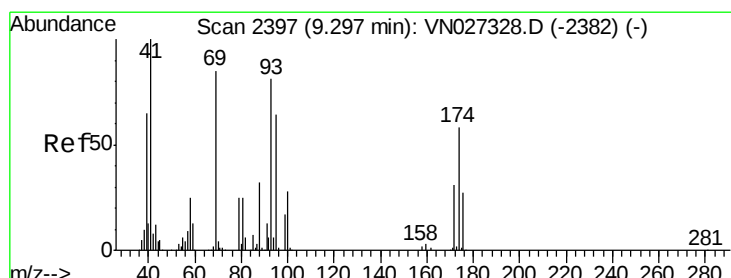
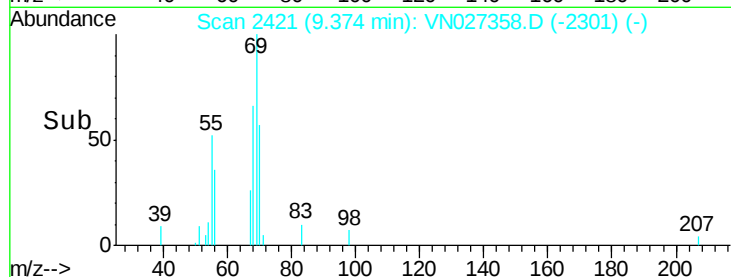
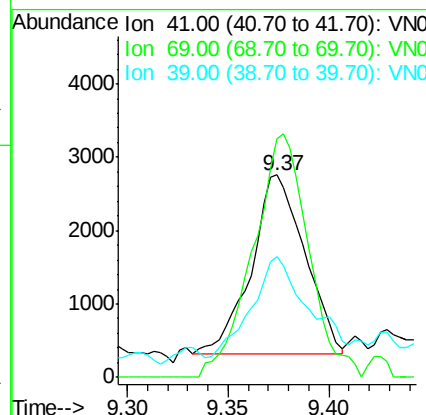
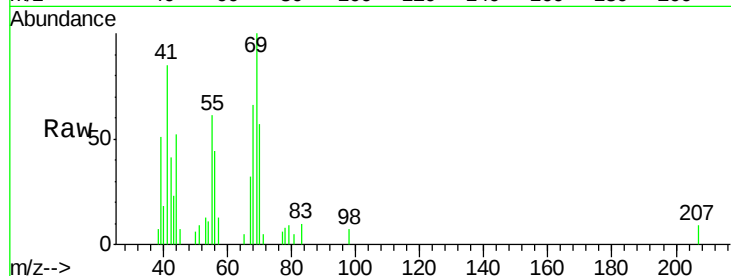




#49
Methyl methacrylate
Concen: 0.48 ug/l
RT: 9.37 min Scan# 2421
Delta R.T. 0.09 min
Lab File: VN027358.D
Acq: 22 Sep 2015 4:48

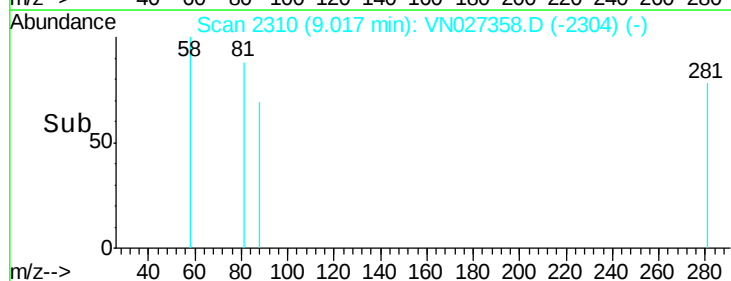
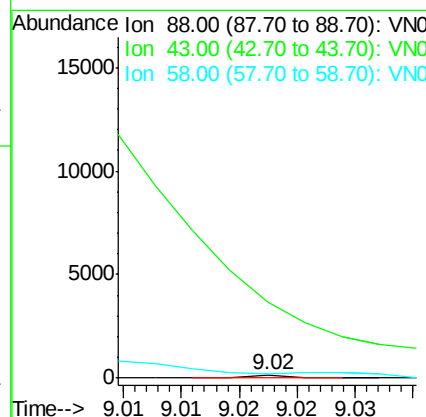
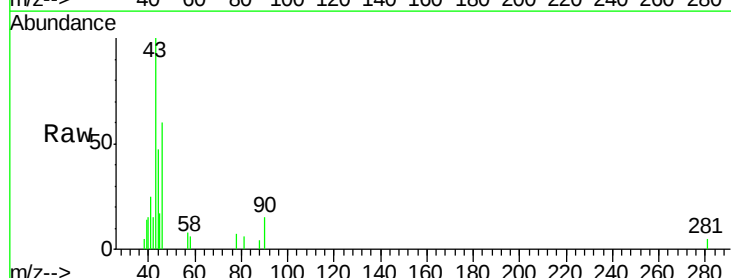
Instrument :
MSVOA_N
ClientSampled :
MW-2B

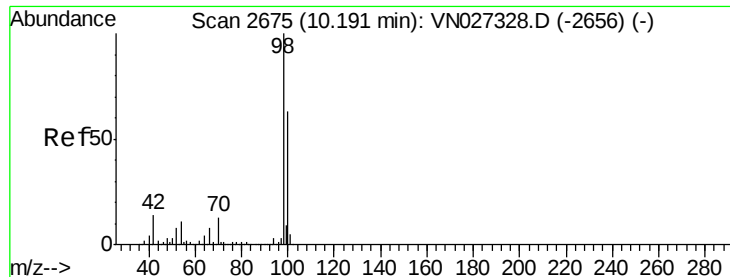
Tgt Ion: 41 Resp: 4532
Ion Ratio Lower Upper
41 100
69 140.4 59.3 88.9#
39 58.8 39.5 59.3



#50
1,4-Dioxane
Concen: 0.28 ug/l
RT: 9.02 min Scan# 2310
Delta R.T. -0.28 min
Lab File: VN027358.D
Acq: 22 Sep 2015 4:48

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 0.0 27.6 41.4#
58 0.0 63.1 94.7#





#51

Toluene-d8

Concen: 58.40 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampleId :

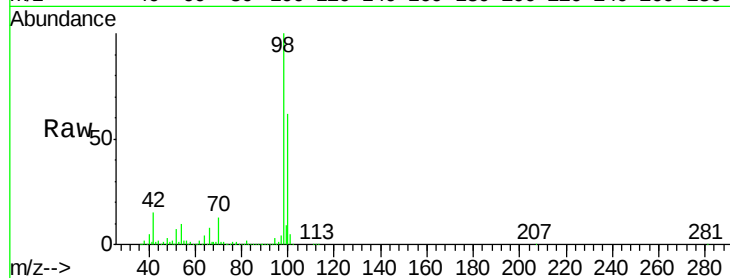
MW-2B

Tgt Ion: 98 Resp: 1854906

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN027328.D (-2656) (-)

Ion 100.00 (99.70 to 100.70): VN027328.D (-2656) (-)

1200000

1000000

800000

600000

400000

200000

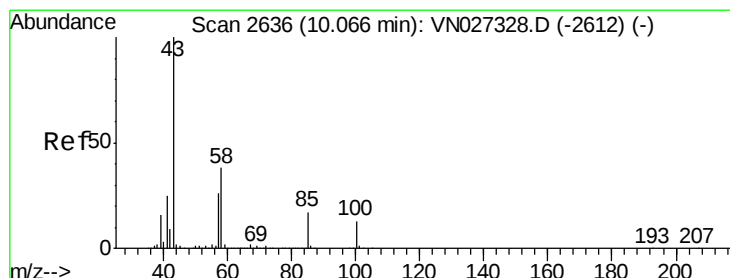
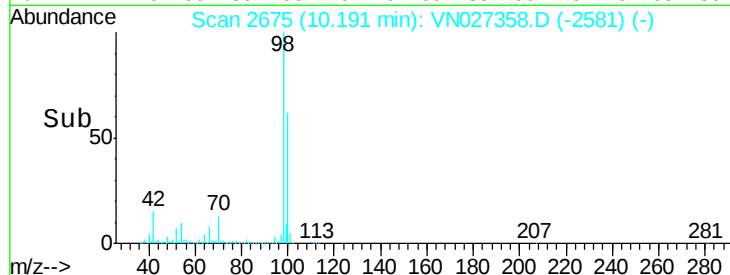
0

10.10

10.20

10.30

Time-->



#52

4-Methyl-2-Pentanone

Concen: 0.62 ug/l

RT: 9.97 min Scan# 2607

Delta R.T. -0.09 min

Lab File: VN027358.D

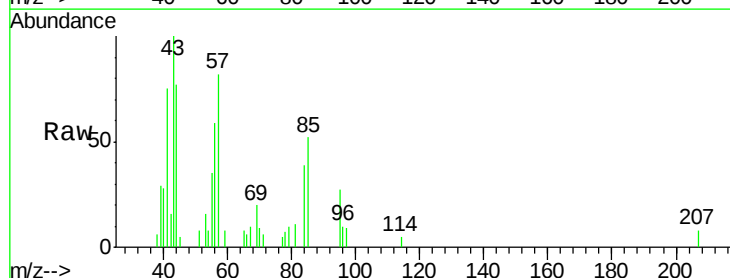
Acq: 22 Sep 2015 4:48

Tgt Ion: 43 Resp: 6345

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN027328.D (-2612) (-)

Ion 58.00 (57.70 to 58.70): VN027328.D (-2612) (-)

3000

2000

1000

0

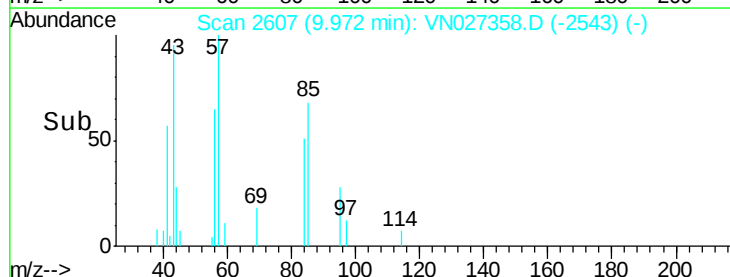
9.90

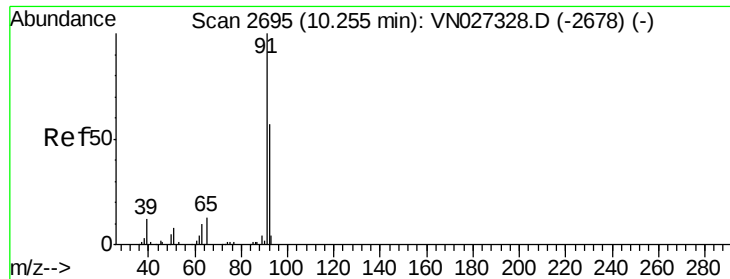
9.95

10.00

10.05

Time-->





#53

Toluene

Concen: 635.38 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampleId :

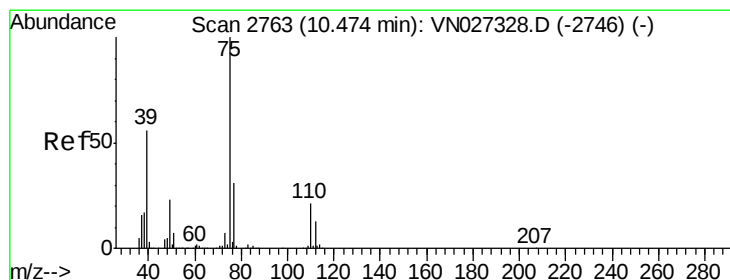
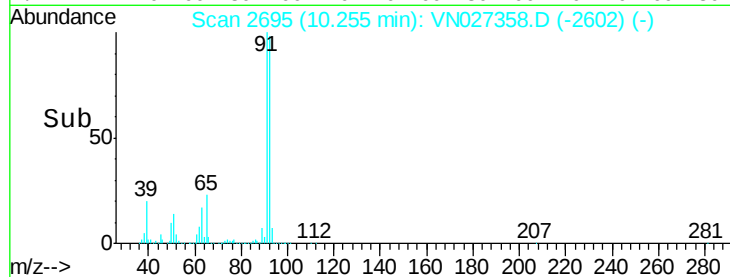
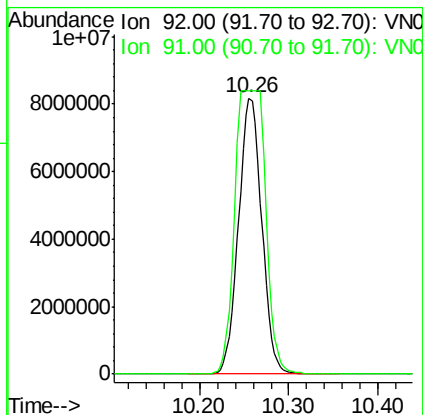
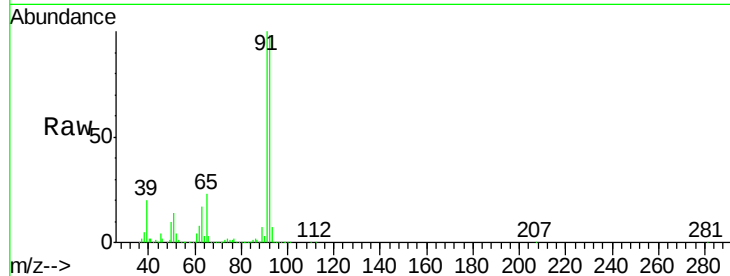
MW-2B

Tgt Ion: 92 Resp:14802286

Ion Ratio Lower Upper

92 100

91 0.0 141.4 212.2#



#54

t-1,3-Dichloropropene

Concen: 13.19 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.22 min

Lab File: VN027358.D

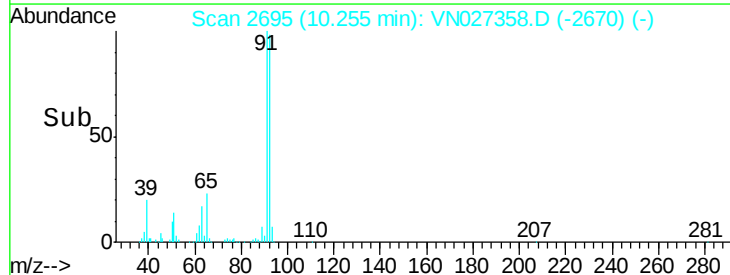
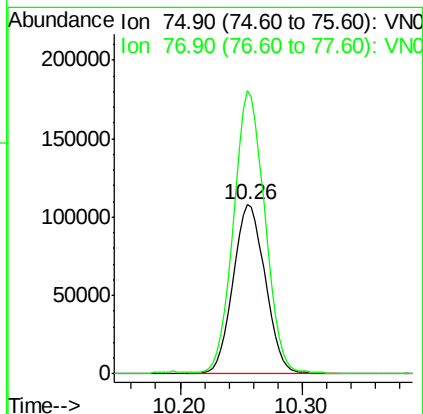
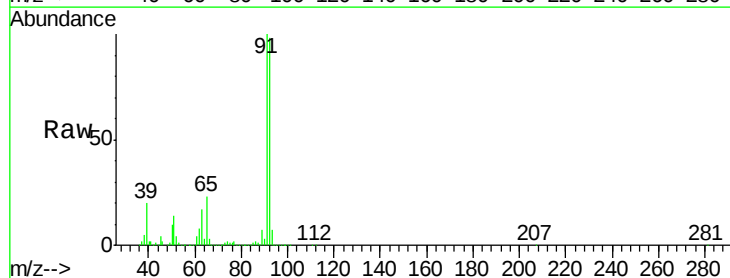
Acq: 22 Sep 2015 4:48

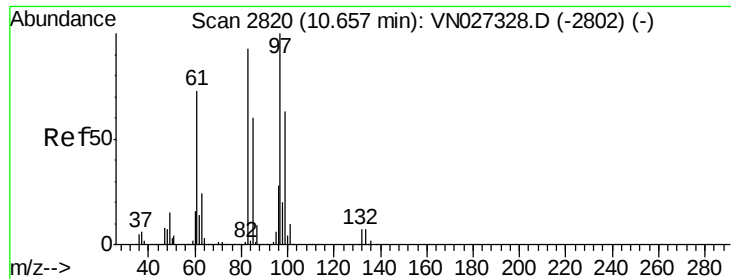
Tgt Ion: 75 Resp: 197617

Ion Ratio Lower Upper

75 100

77 167.0 25.4 38.2#

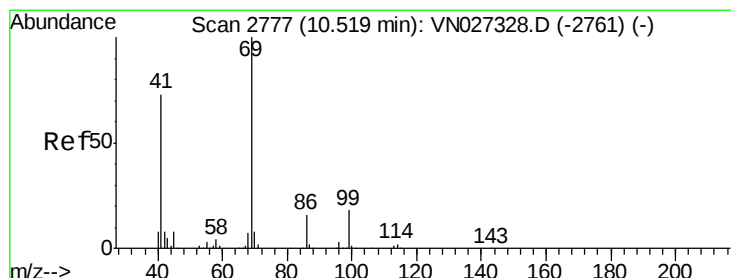
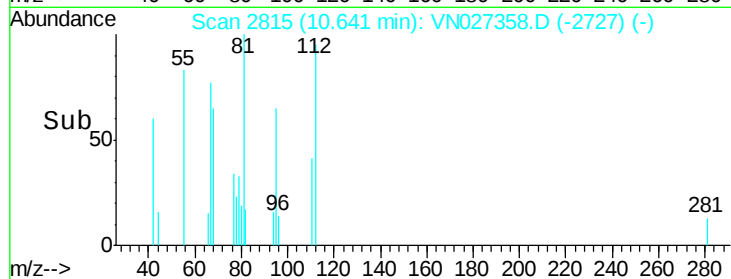
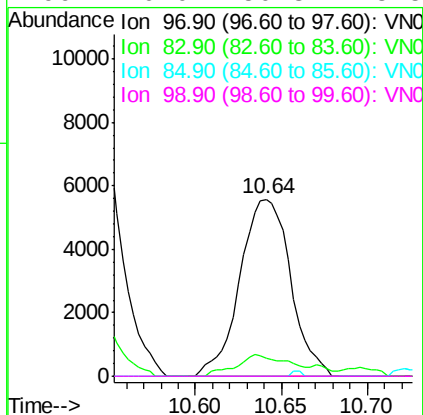
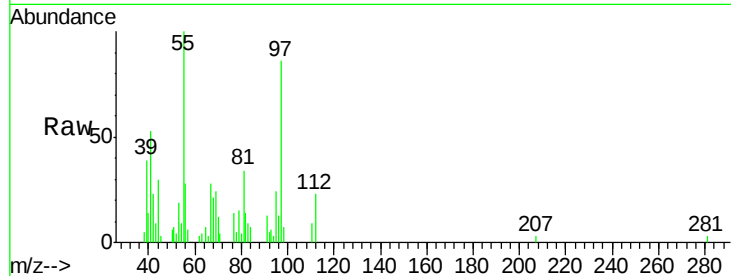




#56
 1,1,2-Trichloroethane
 Concen: 1.31 ug/l
 RT: 10.64 min Scan# 2815
 Delta R.T. -0.02 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

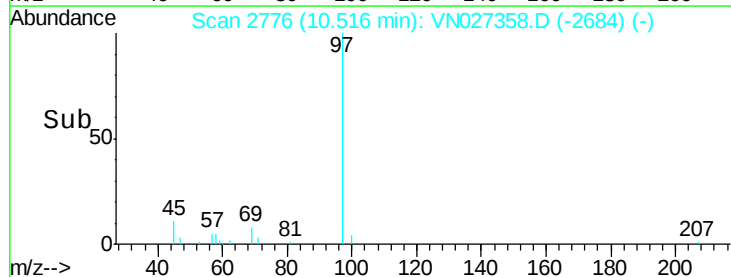
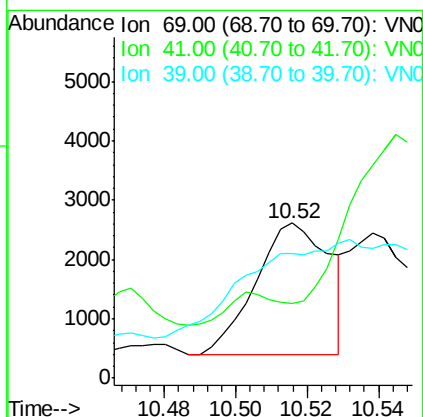
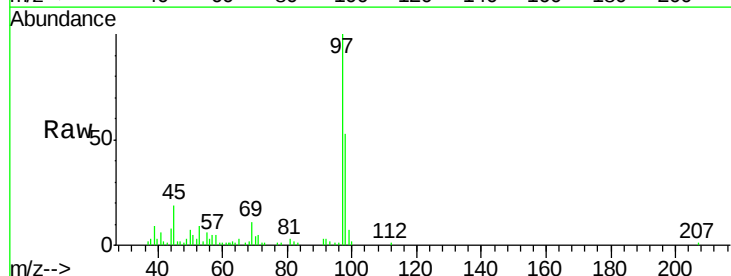
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2B

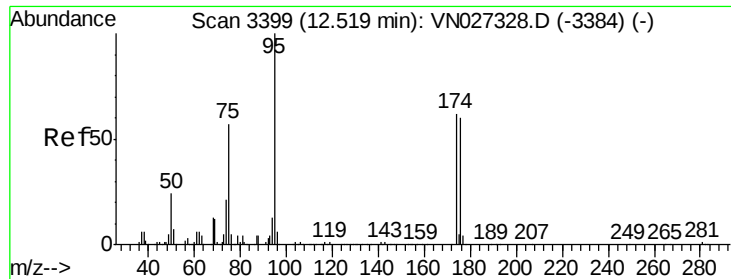
Tgt Ion: 97 Resp: 11381
 Ion Ratio Lower Upper
 97 100
 83 10.4 75.0 112.4#
 85 0.0 48.0 72.0#
 99 0.0 50.3 75.5#



#57
 Ethyl methacrylate
 Concen: 0.23 ug/l
 RT: 10.52 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

Tgt Ion: 69 Resp: 3201
 Ion Ratio Lower Upper
 69 100
 41 0.0 61.3 91.9#
 39 0.0 28.4 42.6#

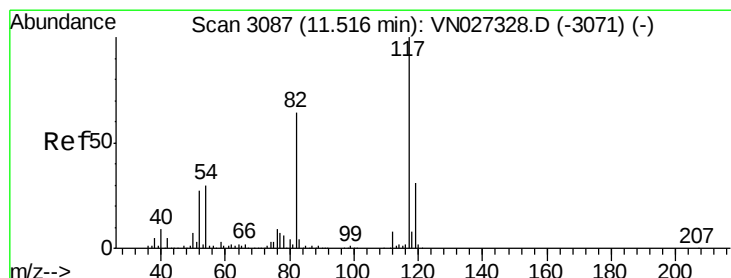
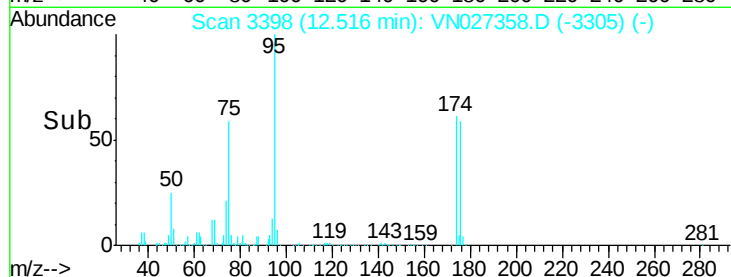
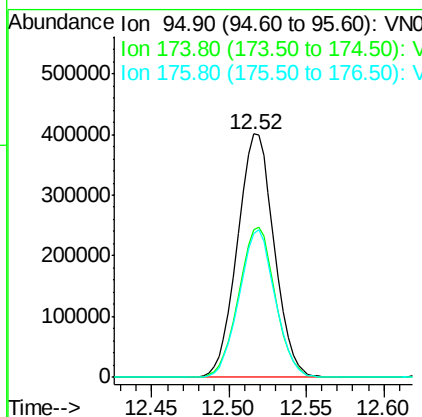
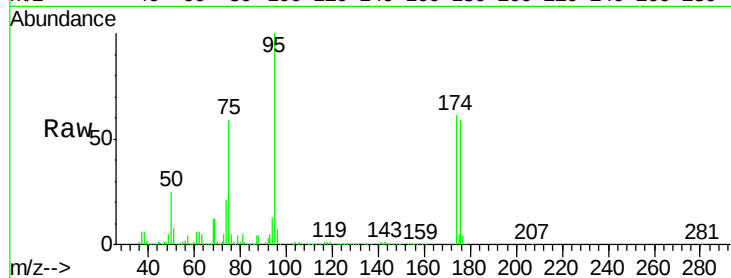




#63
 4-Bromofluorobenzene
 Concen: 57.20 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. -0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

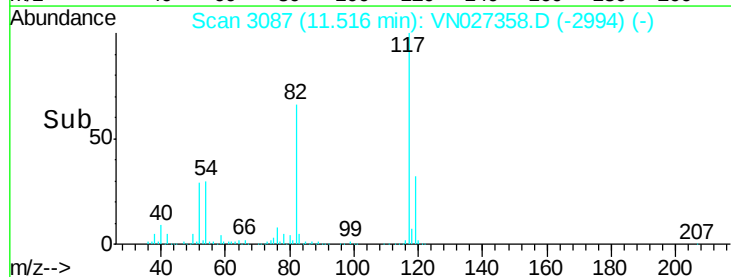
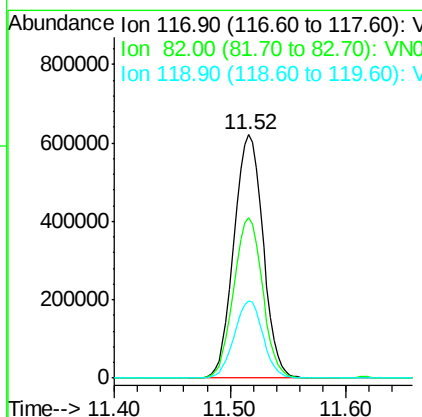
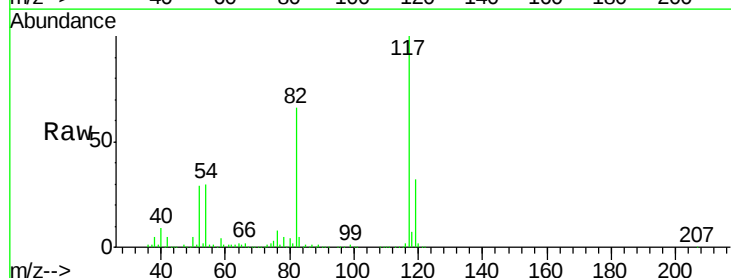
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2B

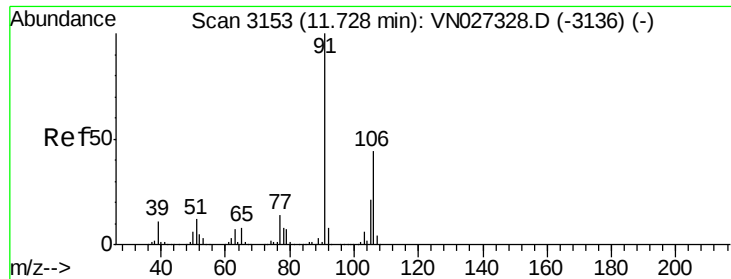
Tgt Ion: 95 Resp: 660058
 Ion Ratio Lower Upper
 95 100
 174 61.6 0.0 137.0
 176 59.4 0.0 130.8



#64
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

Tgt Ion: 117 Resp: 1078288
 Ion Ratio Lower Upper
 117 100
 82 65.9 49.6 74.4
 119 32.0 24.6 36.8

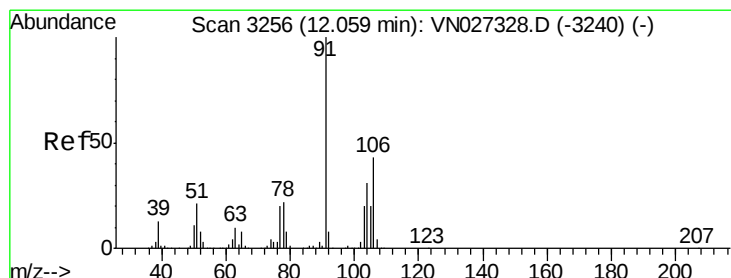
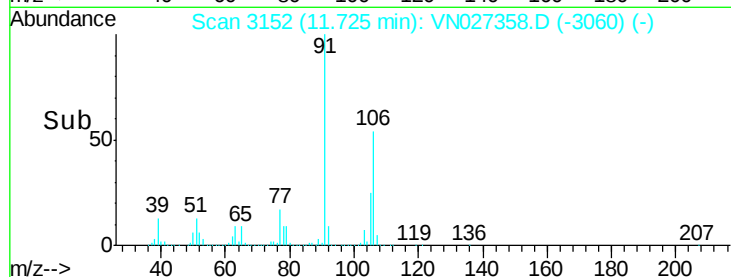
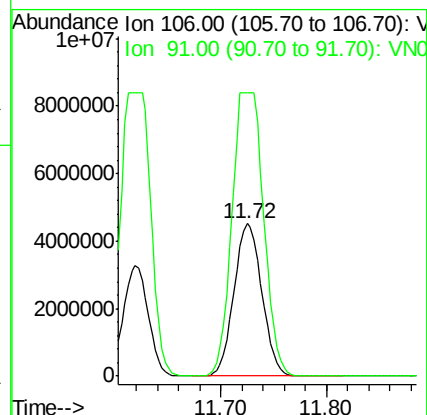
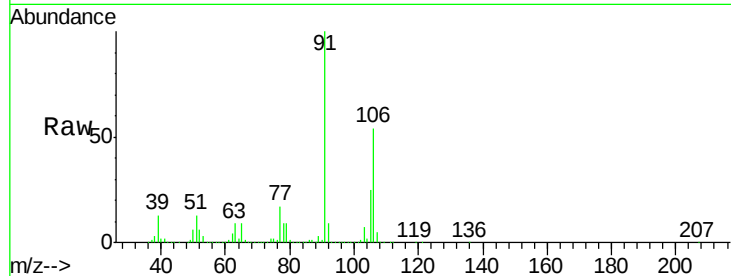




#69
m/p-Xylenes
Concen: 545.69 ug/l
RT: 11.72 min Scan# 3152
Delta R.T. -0.00 min
Lab File: VN027358.D
Acq: 22 Sep 2015 4:48

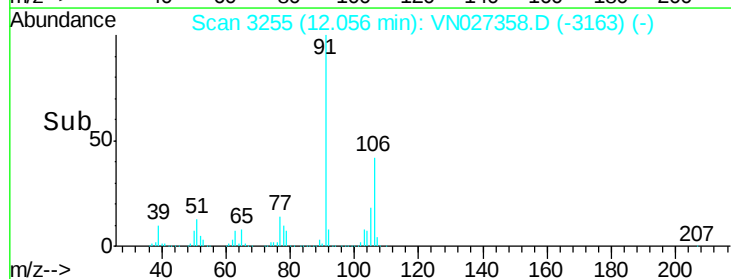
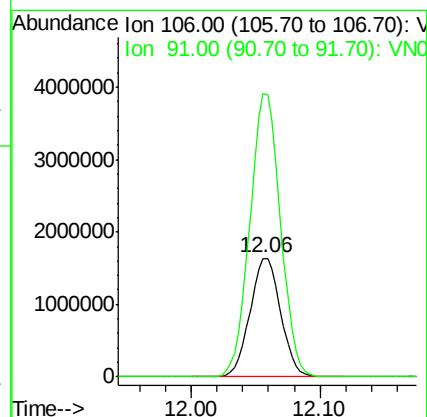
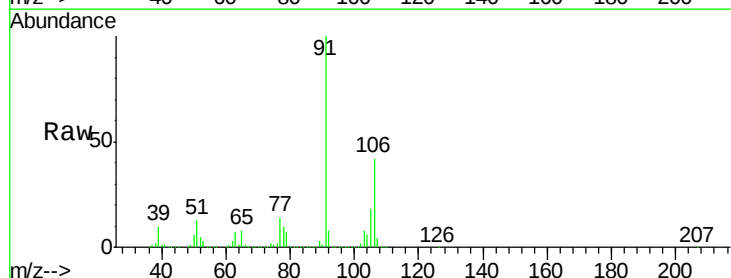
Instrument :
MSVOA_N
ClientSampled :
MW-2B

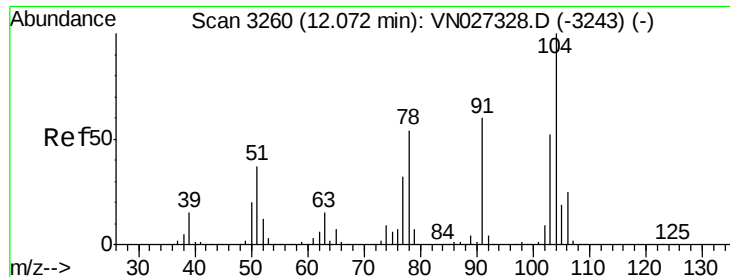
Tgt Ion:106 Resp: 8249842
Ion Ratio Lower Upper
106 100
91 0.0 167.1 250.7#



#70
o-Xylene
Concen: 176.99 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027358.D
Acq: 22 Sep 2015 4:48

Tgt Ion:106 Resp: 2703803
Ion Ratio Lower Upper
106 100
91 238.7 110.7 331.9

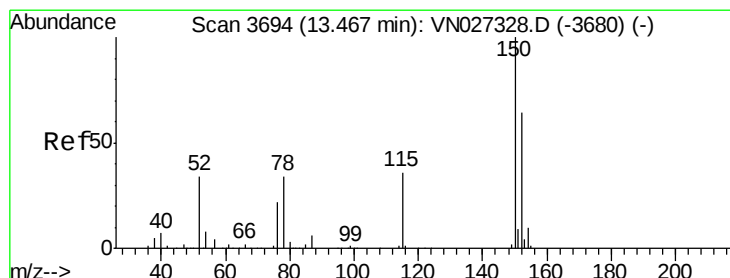
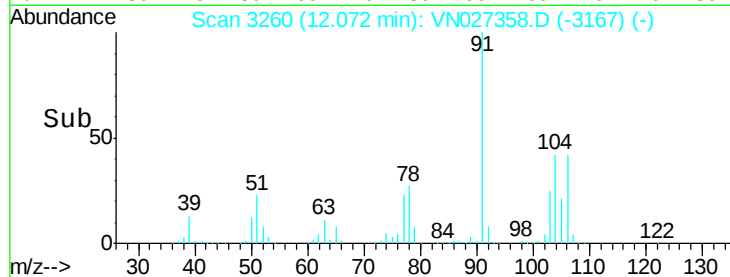
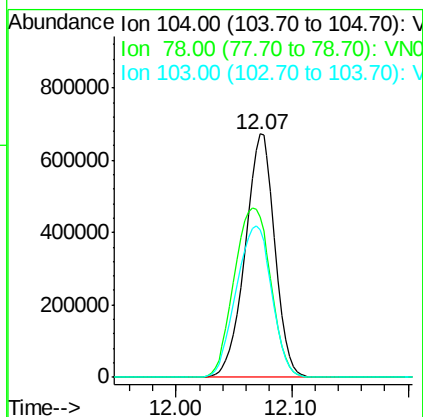
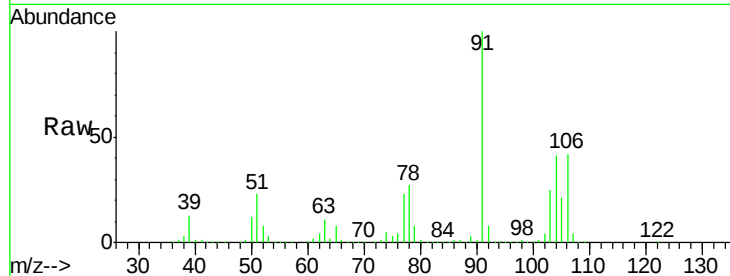




#71
 Styrene
 Concen: 49.38 ug/l
 RT: 12.07 min Scan# 3260
 Delta R.T. 0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

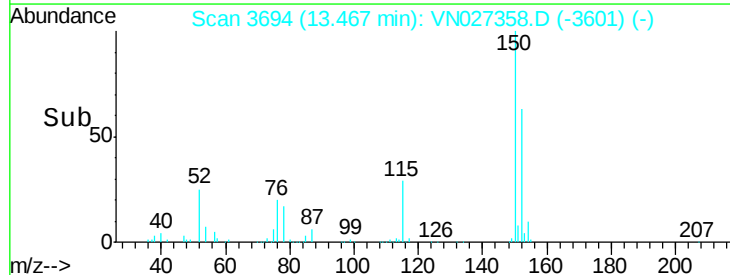
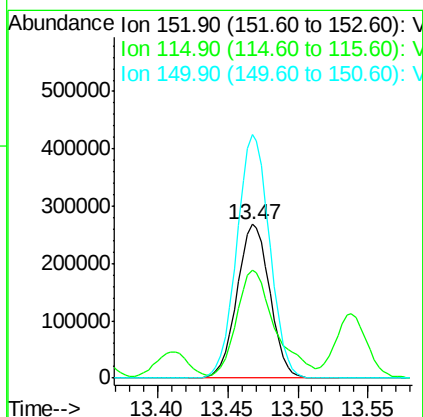
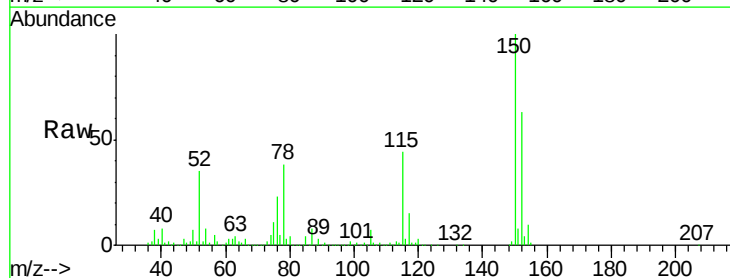
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2B

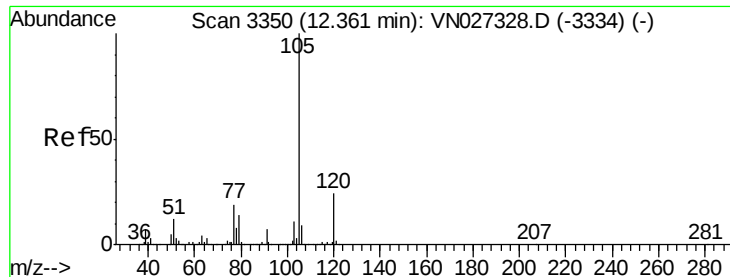
Tgt Ion:104 Resp: 1200855
 Ion Ratio Lower Upper
 104 100
 78 85.6 41.6 62.4#
 103 74.4 44.2 66.2#



#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

Tgt Ion:152 Resp: 438963
 Ion Ratio Lower Upper
 152 100
 115 78.3 30.8 92.3
 150 158.1 0.0 345.0





#74

Isopropylbenzene

Concen: 20.57 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampled :

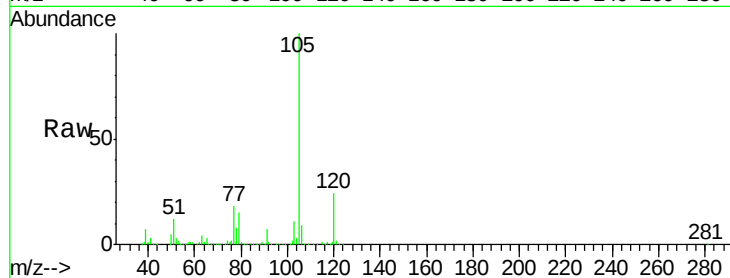
MW-2B

Tgt Ion: 105 Resp: 904483

Ion Ratio Lower Upper

105 100

120 24.1 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.36

600000

500000

400000

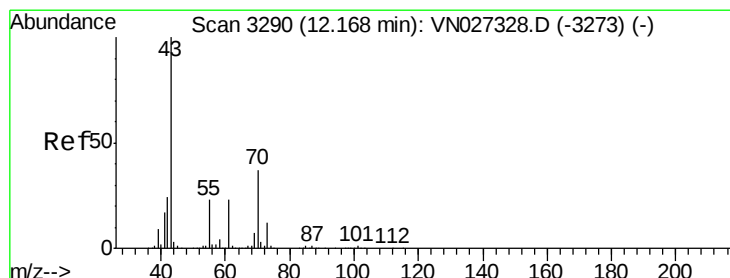
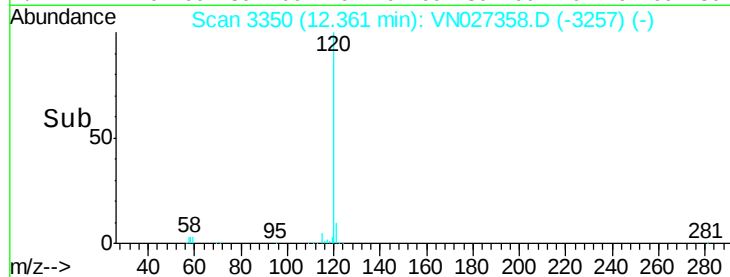
300000

200000

100000

0

Time-->



#75

N-ethyl acetate

Concen: 0.79 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.04 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Tgt Ion: 43 Resp: 13716

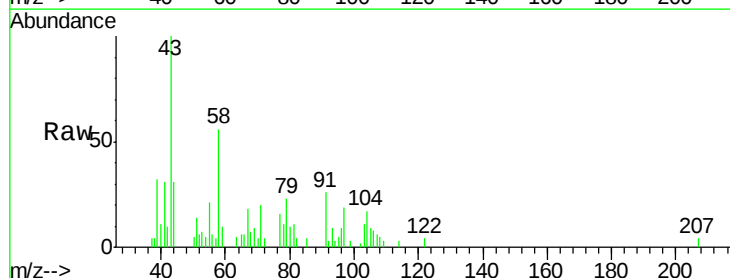
Ion Ratio Lower Upper

43 100

70 3.7 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): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

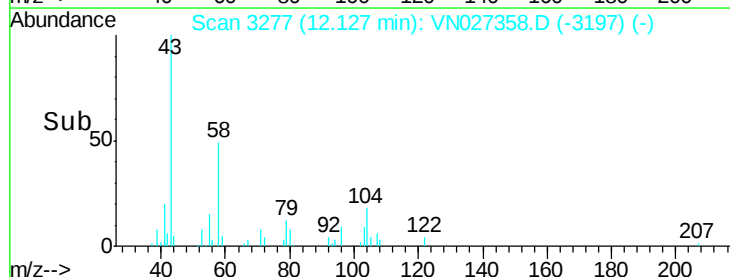
60000

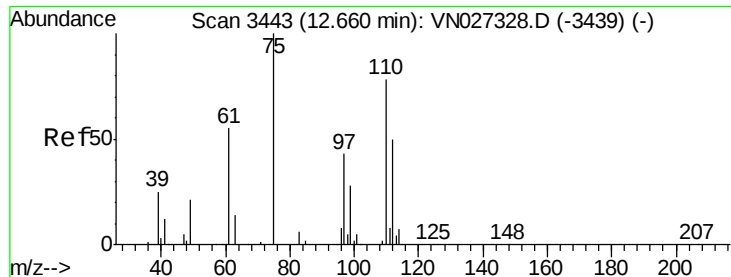
40000

20000

0

Time-->





#77

1,2,3-Trichloropropane

Concen: 4.09 ug/l

RT: 12.77 min Scan# 3477

Delta R.T. 0.11 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampled :

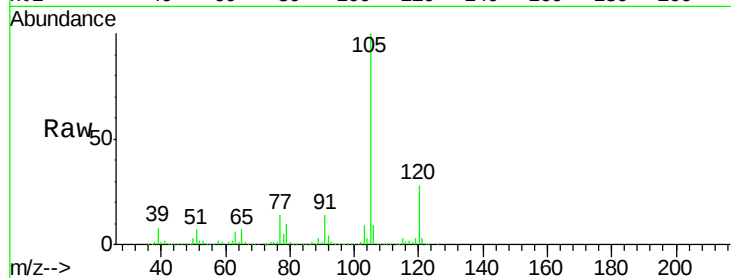
MW-2B

Tgt Ion: 75 Resp: 45087

Ion Ratio Lower Upper

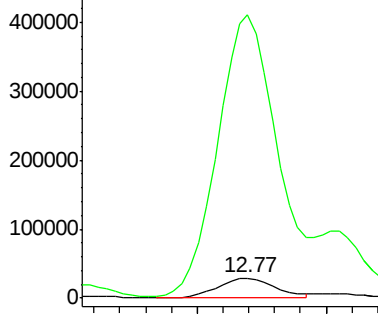
75 100

77 1482.8 103.1 309.3#

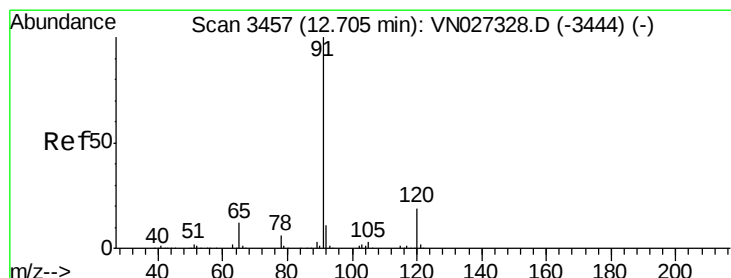
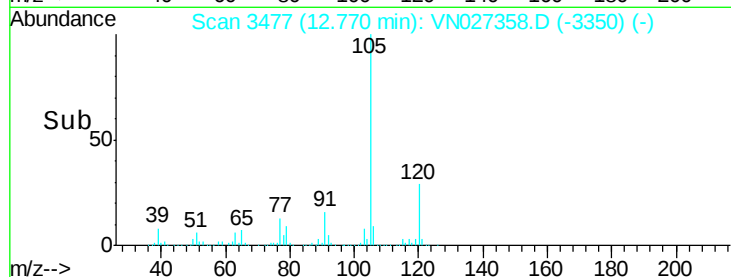


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#79

n-propylbenzene

Concen: 12.99 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027358.D

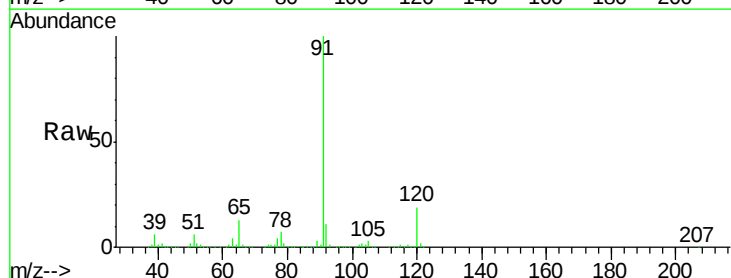
Acq: 22 Sep 2015 4:48

Tgt Ion: 91 Resp: 681299

Ion Ratio Lower Upper

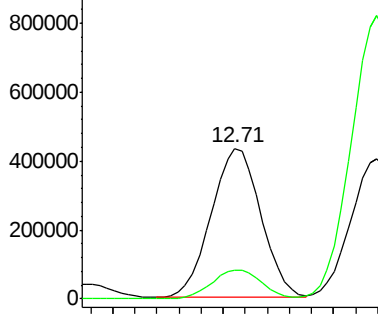
91 100

120 19.8 10.3 30.8

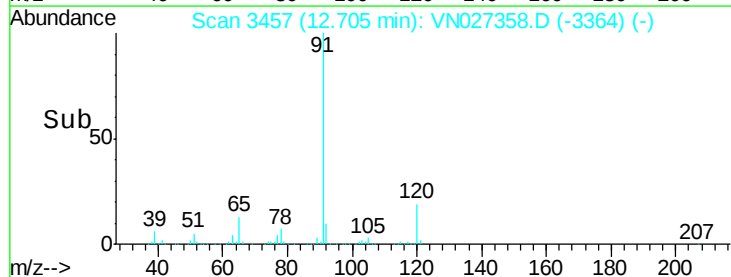


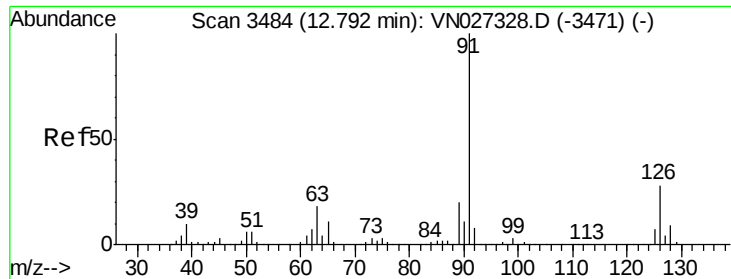
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->

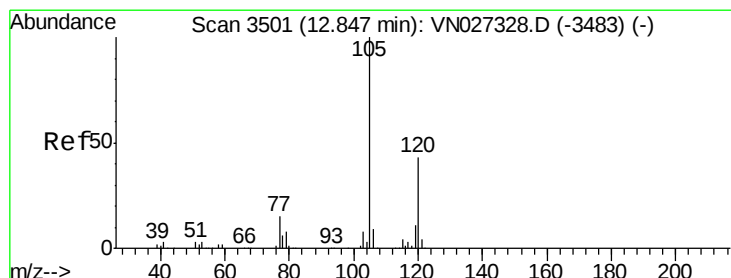
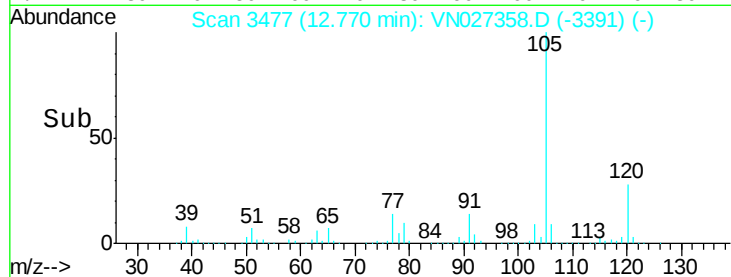
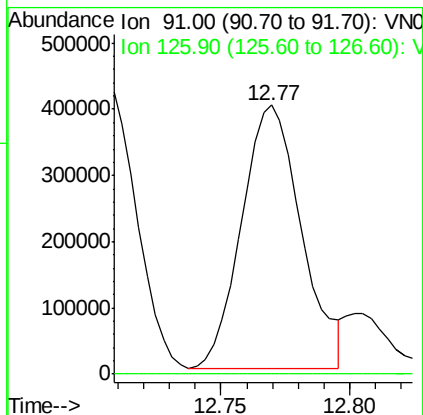
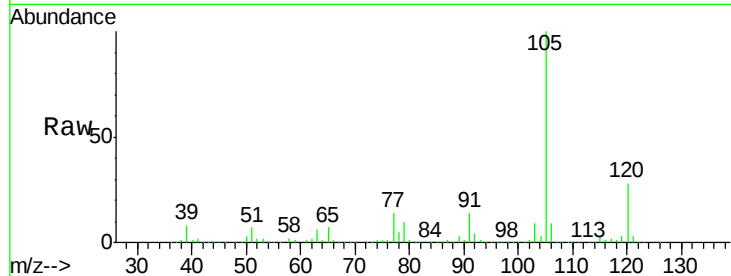




#80
 2-Chlorotoluene
 Concen: 20.01 ug/l
 RT: 12.77 min Scan# 3477
 Delta R.T. -0.02 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

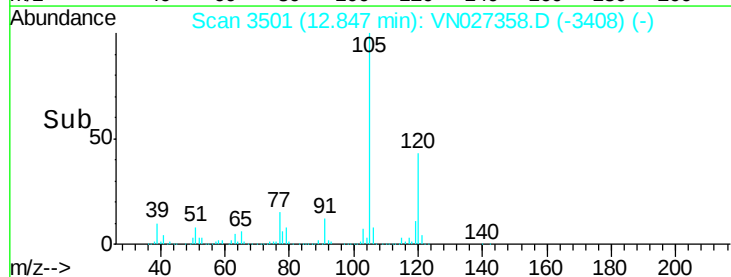
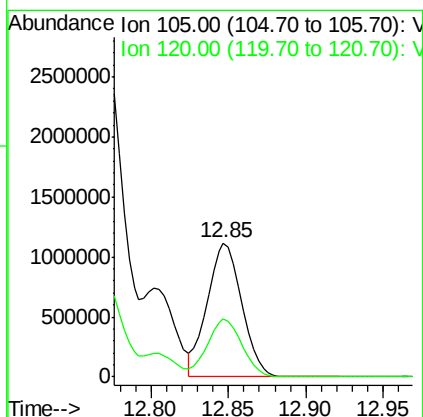
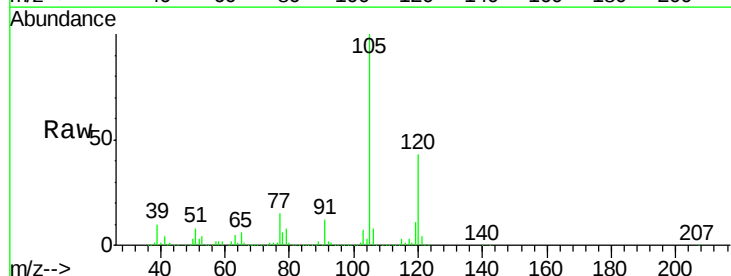
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

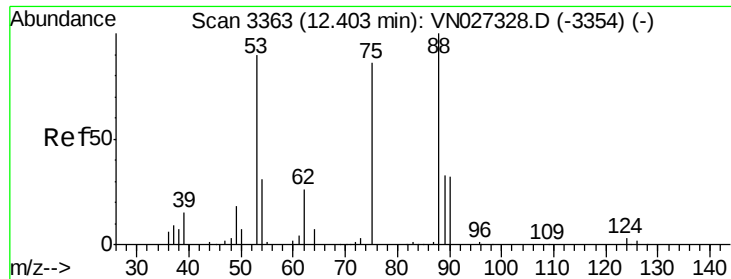
Tgt Ion: 91 Resp: 641526
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.2 45.5#



#81
 1,3,5-Trimethylbenzene
 Concen: 48.77 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

Tgt Ion: 105 Resp: 1733666
 Ion Ratio Lower Upper
 105 100
 120 44.1 23.4 70.0





#82

trans-1,4-Dichloro-2-butene

Concen: 2.94 ug/l

RT: 12.36 min Scan# 3349

Delta R.T. -0.04 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampleId :

MW-2B

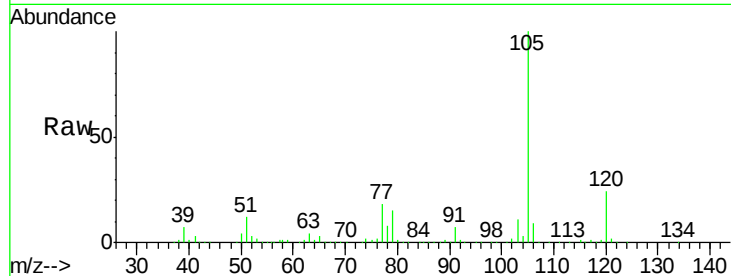
Tgt Ion: 75 Resp: 12621

Ion Ratio Lower Upper

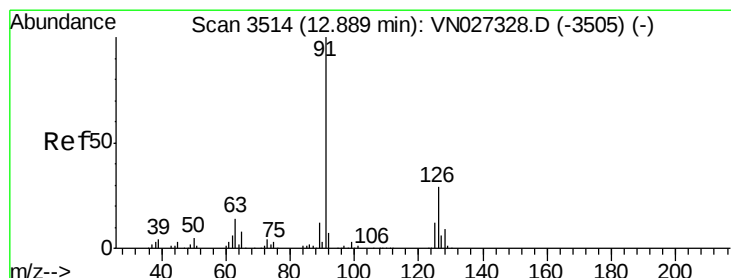
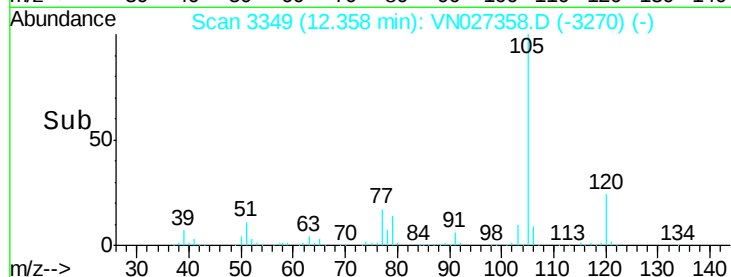
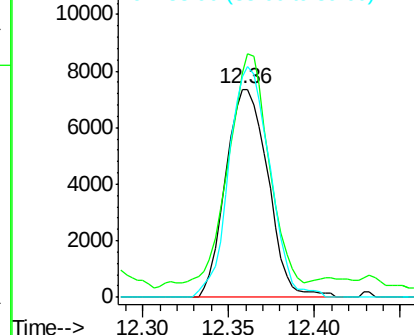
75 100

53 103.4 92.9 139.3

89 107.1 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: 6.73 ug/l

RT: 12.85 min Scan# 3501

Delta R.T. -0.04 min

Lab File: VN027358.D

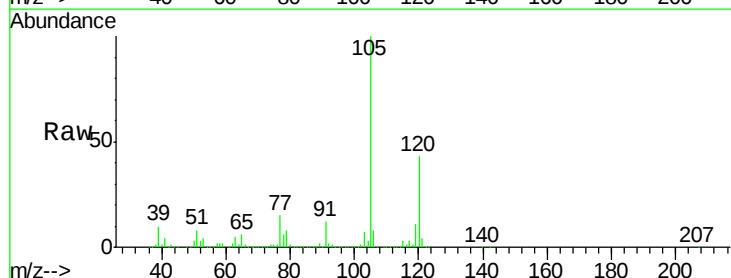
Acq: 22 Sep 2015 4:48

Tgt Ion: 91 Resp: 210687

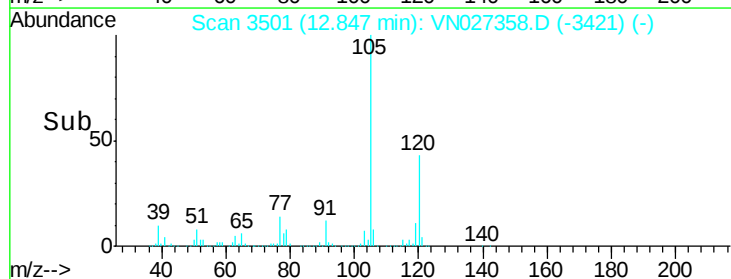
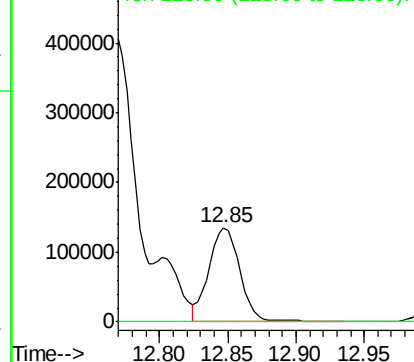
Ion Ratio Lower Upper

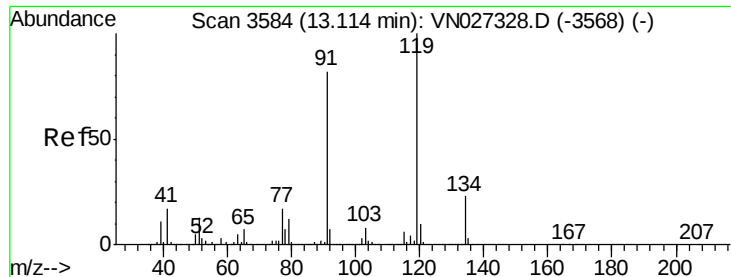
91 100

126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

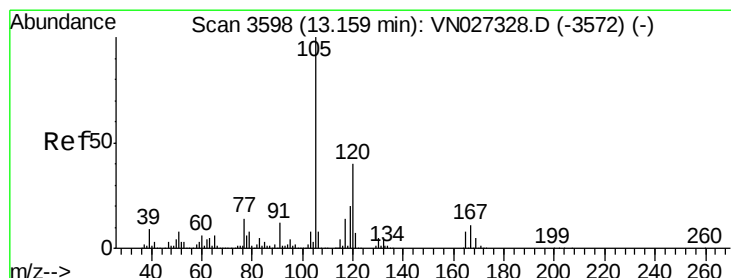
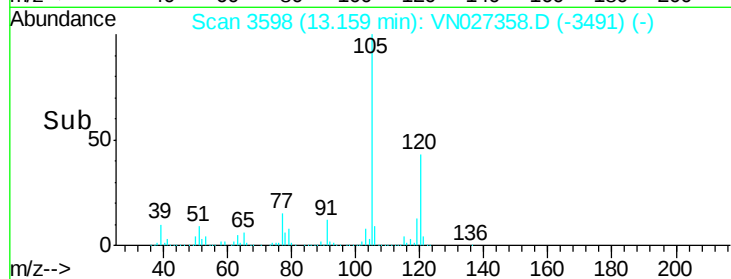
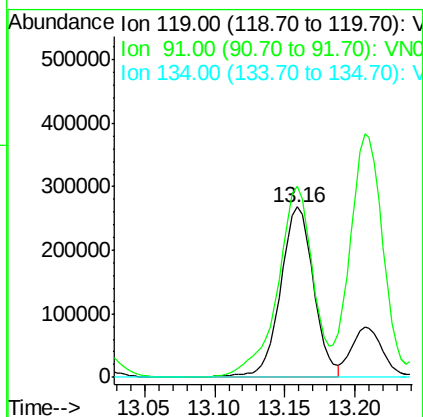
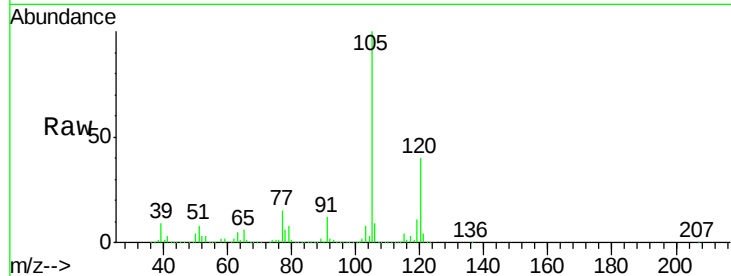




#84
 tert-Butylbenzene
 Concen: 15.25 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.05 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

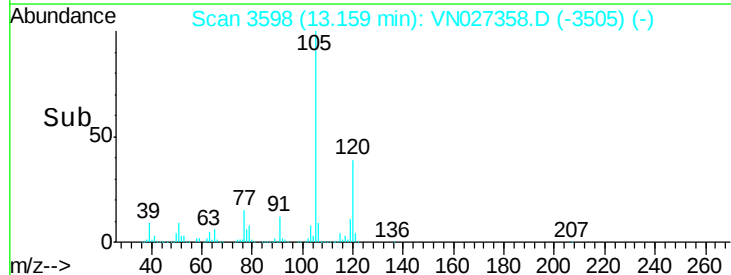
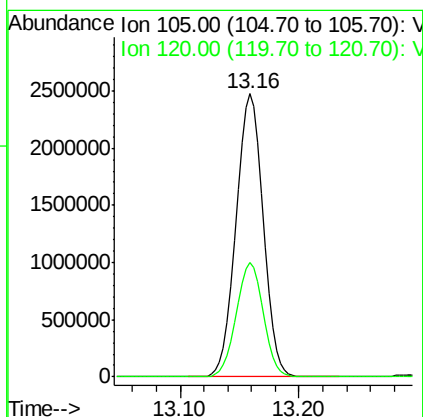
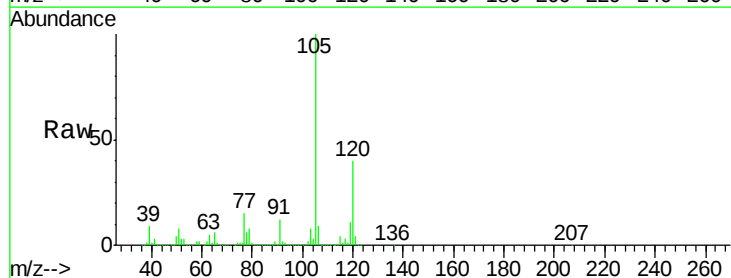
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2B

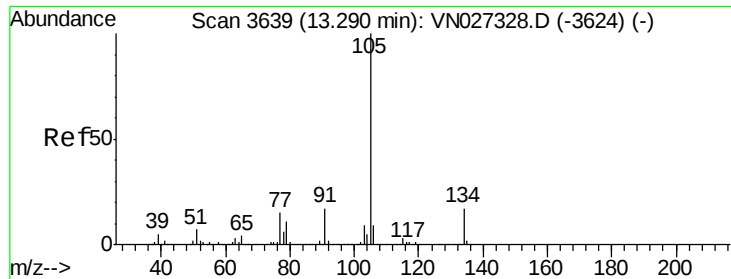
Tgt Ion:119 Resp: 437007
 Ion Ratio Lower Upper
 119 100
 91 118.3 34.6 103.8#
 134 0.0 11.4 34.2#



#85
 1,2,4-Trimethylbenzene
 Concen: 110.35 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027358.D
 Acq: 22 Sep 2015 4:48

Tgt Ion:105 Resp: 3901042
 Ion Ratio Lower Upper
 105 100
 120 40.3 21.9 65.5





#86

sec-Butylbenzene

Concen: 91.37 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. -0.13 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampled :

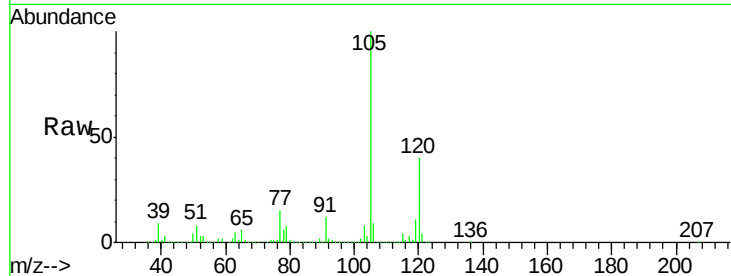
MW-2B

Tgt Ion:105 Resp: 3901042

Ion Ratio Lower Upper

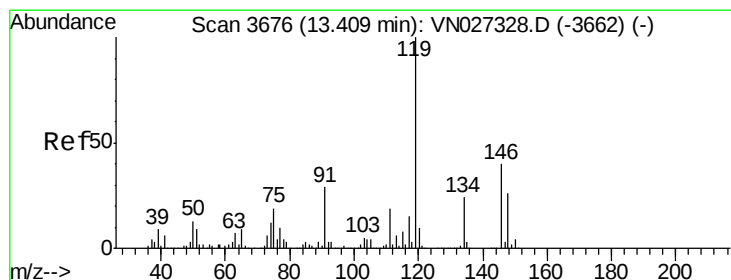
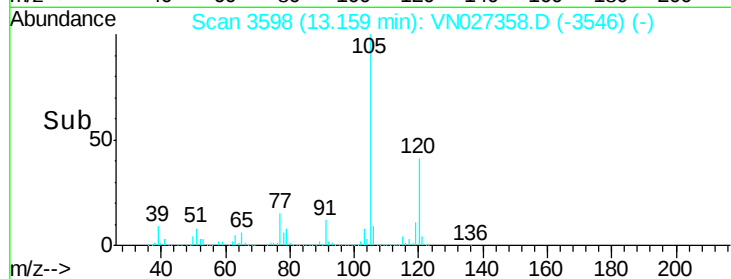
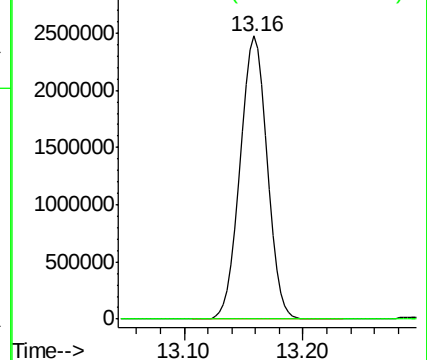
105 100

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: 26.68 ug/l

RT: 13.41 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

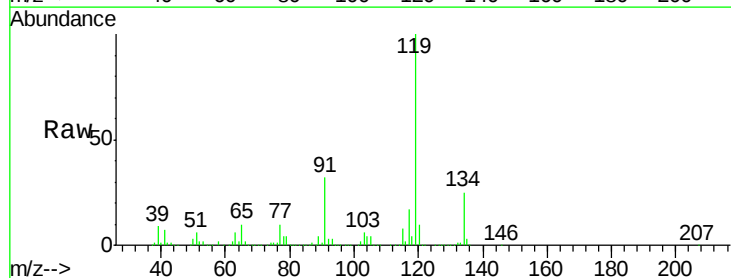
Tgt Ion:119 Resp: 854204

Ion Ratio Lower Upper

119 100

134 24.6 12.4 37.0

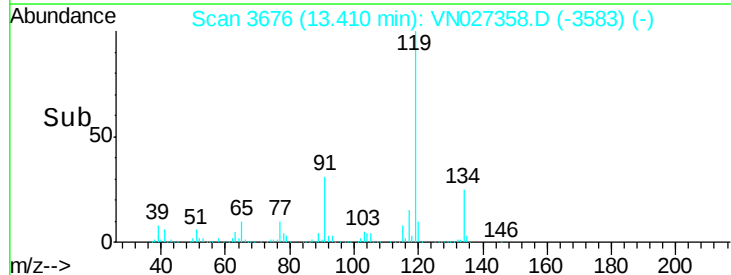
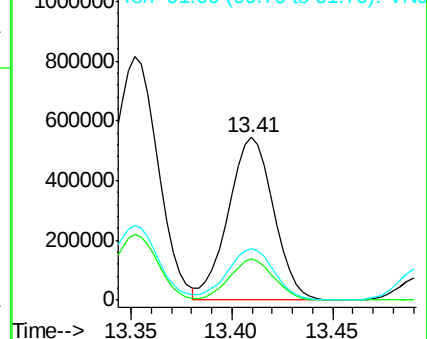
91 32.4 12.0 36.1

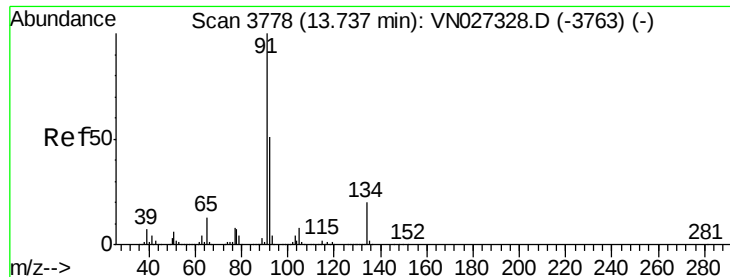


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#90

n-Butylbenzene

Concen: 5.13 ug/l

RT: 13.64 min Scan# 3749

Delta R.T. -0.09 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampleId :

MW-2B

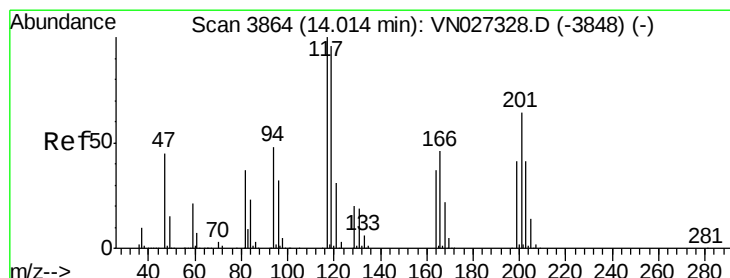
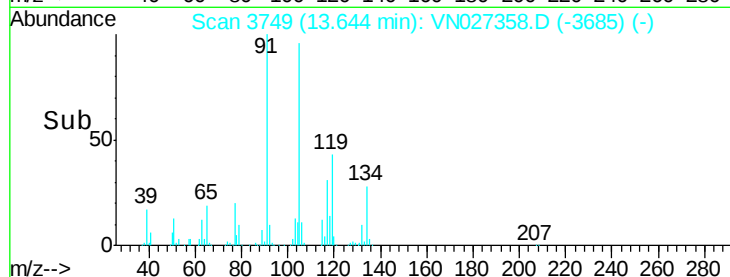
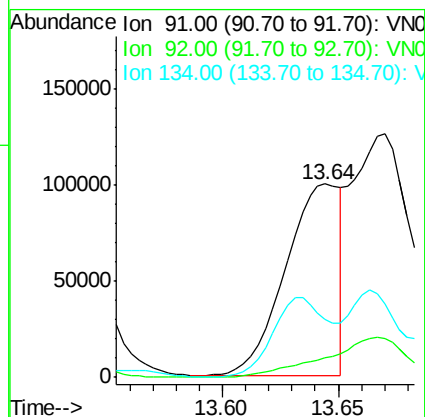
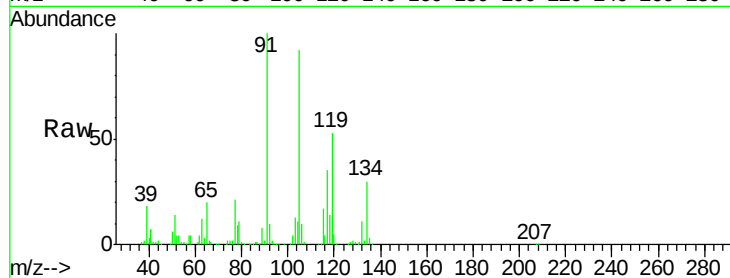
Tgt Ion: 91 Resp: 163865

Ion Ratio Lower Upper

91 100

92 0.0 26.1 78.2#

134 40.0 11.1 33.1#



#91

Hexachloroethane

Concen: 7.28 ug/l

RT: 14.01 min Scan# 3862

Delta R.T. -0.01 min

Lab File: VN027358.D

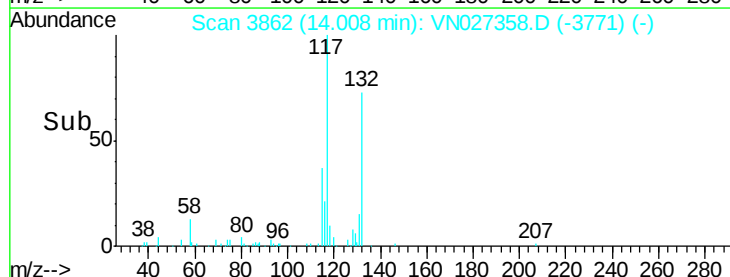
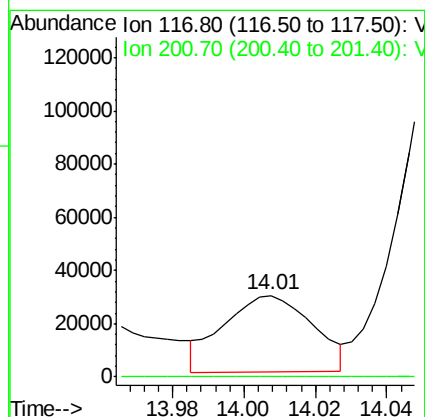
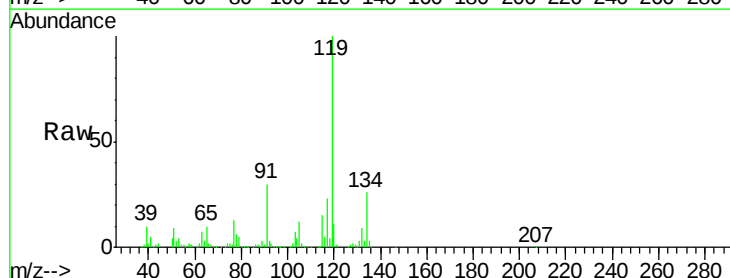
Acq: 22 Sep 2015 4:48

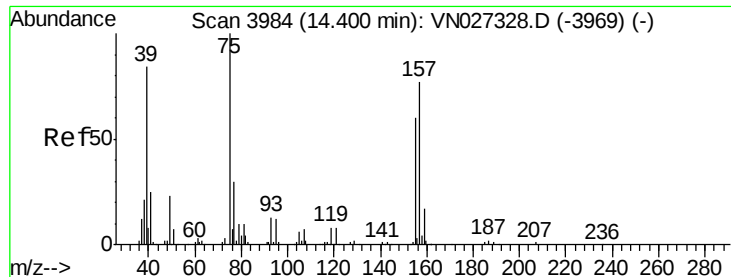
Tgt Ion: 117 Resp: 49798

Ion Ratio Lower Upper

117 100

201 0.0 34.9 104.7#





#93

1,2-Dibromo-3-Chloropropane

Concen: 6.60 ug/l

RT: 14.39 min Scan# 3982

Delta R.T. -0.01 min

Lab File: VN027358.D

Acq: 22 Sep 2015 4:48

Instrument :

MSVOA_N

ClientSampleId :

MW-2B

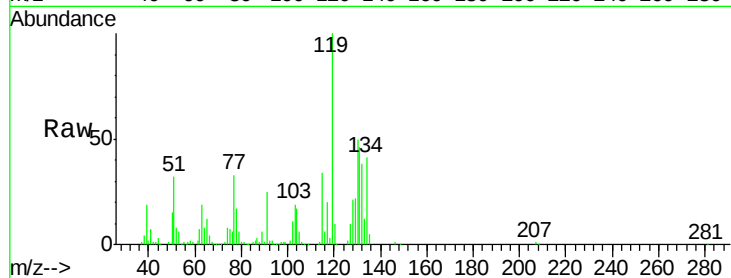
Tgt Ion: 75 Resp: 16014

Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.9#

157 0.0 44.6 133.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

