

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027285.D
 Acq On : 18 Sep 2015 5:56
 Operator : MD\FY
 Sample : G3706-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

Quant Time: Sep 18 06:46:46 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	750993	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1340572	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1147228	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	429576	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	733444	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
36) Dibromofluoromethane	7.68	113	478375	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
51) Toluene-d8	10.19	98	1972781	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
63) 4-Bromofluorobenzene	12.52	95	673365	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	

Target Compounds

						Qvalue
4) Chloromethane	2.01	50	1489	1.25	ug/l	98
6) Bromomethane	2.54	94	380	1.67	ug/l #	53
12) Tert butyl alcohol	4.80	59	272292	180.97	ug/l #	77
17) Acetone	3.82	43	419427	101.10	ug/l	95
18) Carbon Disulfide	4.11	76	8589	0.27	ug/l #	84
26) 2-Butanone	6.92	43	61341	9.82	ug/l	96
27) 2,2-Dichloropropane	6.82	77	430535	20.90	ug/l #	52
30) Tetrahydrofuran	7.34	42	2617	0.61	ug/l #	88
32) Cyclohexane	7.76	56	41486	1.06	ug/l #	34
37) 1,1-Dichloropropene	7.75	75	75457	4.81	ug/l #	52
38) Ethyl Acetate	6.92	43	61441	3.62	ug/l #	71
39) Carbon Tetrachloride	7.75	117	84500	5.73	ug/l #	16
40) Methylcyclohexane	9.19	83	30475	1.59	ug/l	96
41) Benzene	8.15	78	23393	0.51	ug/l	95
44) Isopropyl Acetate	8.37	43	5752	0.23	ug/l #	69
49) Methyl methacrylate	9.39	41	3452	0.28	ug/l #	76
50) 1,4-Dioxane	9.31	88	30	0.20	ug/l #	1
52) 4-Methyl-2-Pentanone	10.07	43	36873	2.78	ug/l	97
53) Toluene	10.26	92	12165	0.45	ug/l	99
56) 1,1,2-Trichloroethane	10.64	97	6576	0.65	ug/l #	18
67) 1,1,1,2-Tetrachloroethane	11.74	131	19618	2.12	ug/l #	13
68) Ethyl Benzene	11.62	91	171118	3.33	ug/l	100
69) m/p-Xylenes	11.73	106	38479	2.17	ug/l	91
70) o-Xylene	12.06	106	20202	1.14	ug/l	83
74) Isopropylbenzene	12.36	105	118477	2.50	ug/l	90
76) 1,1,2,2-Tetrachloroethane	12.59	83	187	Below	Cal #	25
77) 1,2,3-Trichloropropane	12.52	75	392578	30.24	ug/l #	1
79) n-propylbenzene	12.71	91	166198	2.98	ug/l	97
80) 2-Chlorotoluene	12.81	91	8456	0.25	ug/l #	44
81) 1,3,5-Trimethylbenzene	12.85	105	82866	2.18	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.35	75	260374	49.26	ug/l #	8
83) 4-Chlorotoluene	12.85	91	10377	0.32	ug/l #	45
84) tert-Butylbenzene	13.11	119	8270	0.26	ug/l	98
85) 1,2,4-Trimethylbenzene	13.16	105	568619	14.89	ug/l	96

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QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

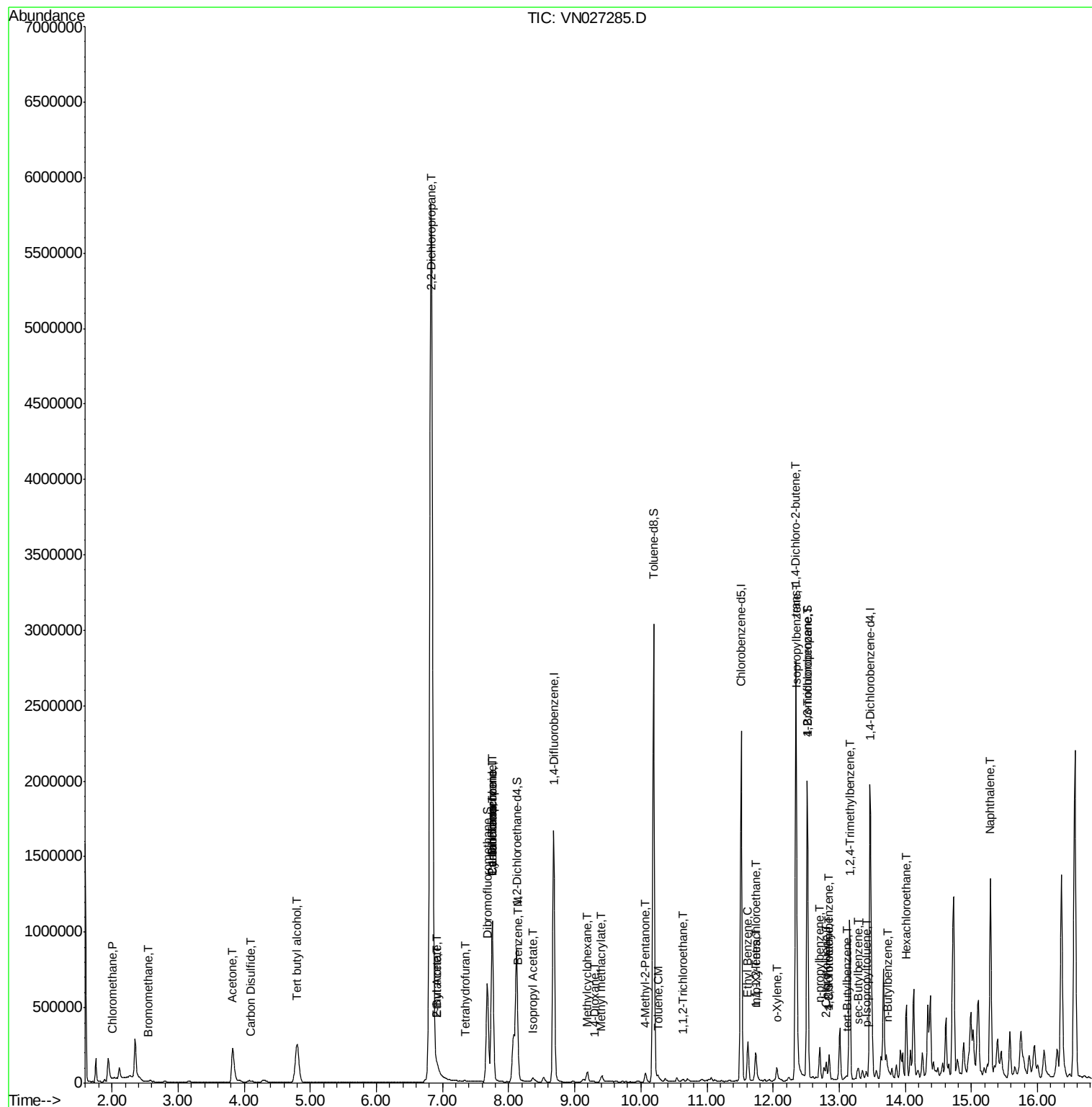
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) sec-Butylbenzene	13.29	105	39222	0.85	ug/l #	69
87) p-Isopropyltoluene	13.41	119	22318	0.63	ug/l	94
90) n-Butylbenzene	13.74	91	29668	0.86	ug/l #	79
91) Hexachloroethane	14.01	117	24192	3.12	ug/l #	15
93) 1,2-Dibromo-3-Chloropropan	14.43	75	1319	Below	Cal #	9
96) Naphthalene	15.29	128	1010389	40.64	ug/l	99

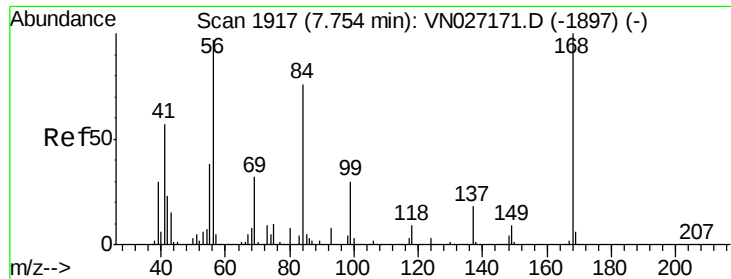
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

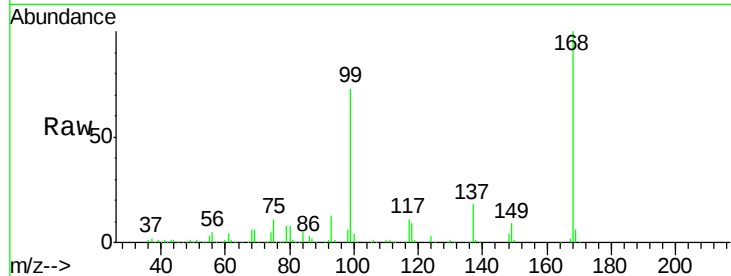
MW-9

Tgt Ion:168 Resp: 750993

Ion Ratio Lower Upper

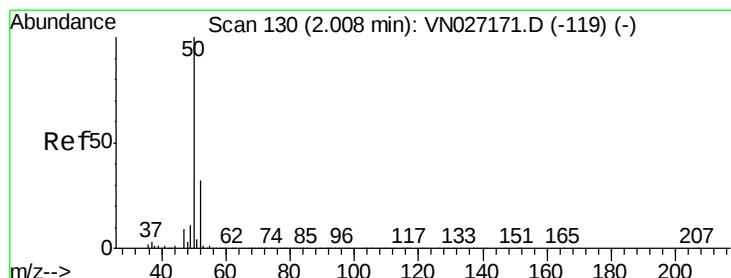
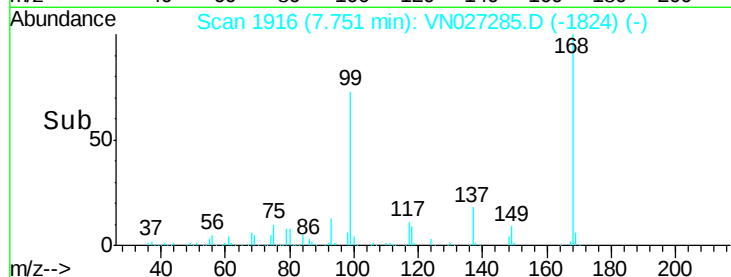
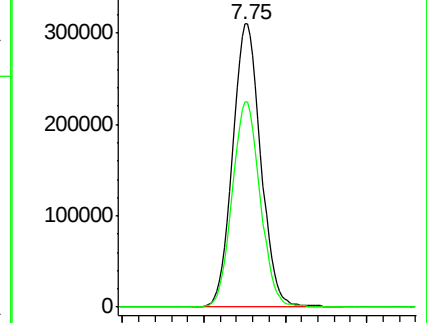
168 100

99 72.6 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Chloromethane

Concen: 1.25 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027285.D

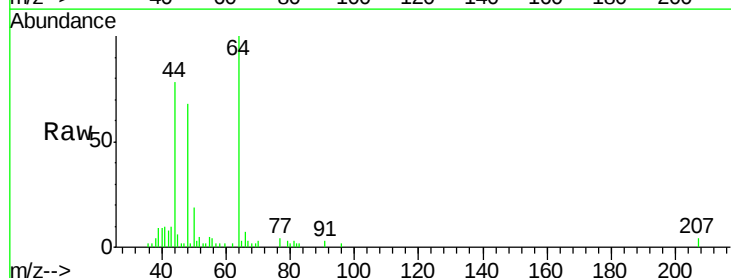
Acq: 18 Sep 2015 5:56

Tgt Ion: 50 Resp: 1489

Ion Ratio Lower Upper

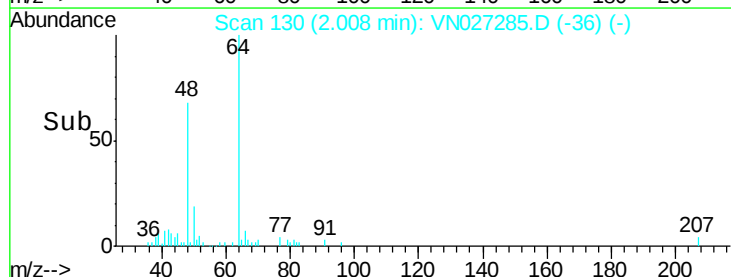
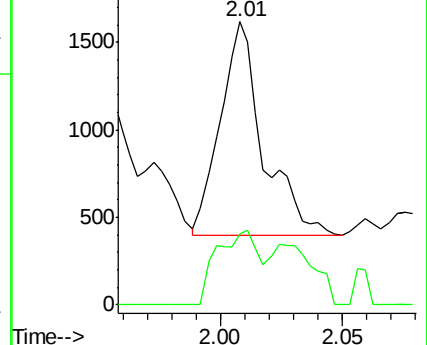
50 100

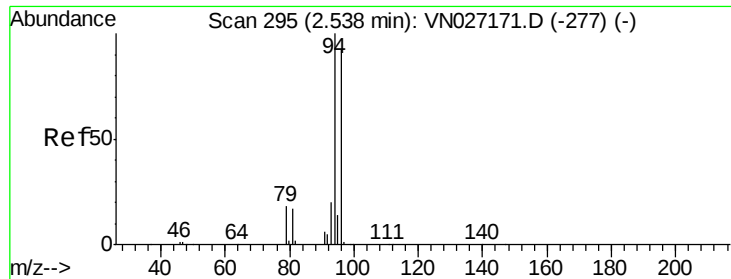
52 33.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#6

Bromomethane

Concen: 1.67 ug/l

RT: 2.54 min Scan# 294

Delta R.T. -0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

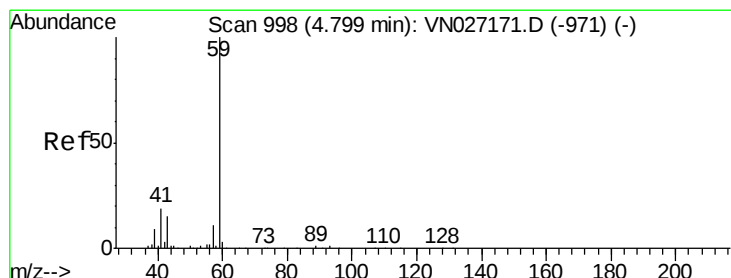
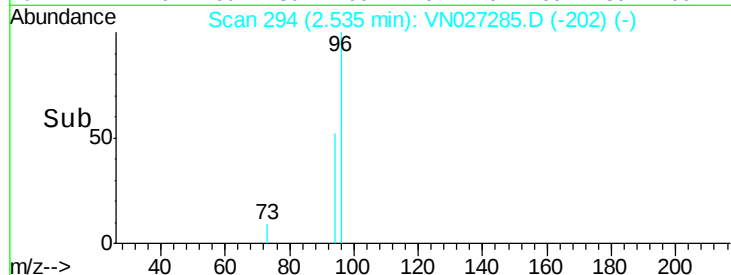
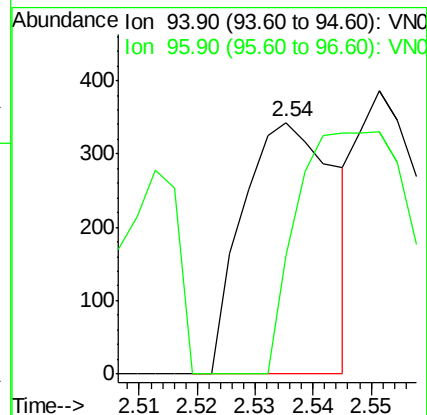
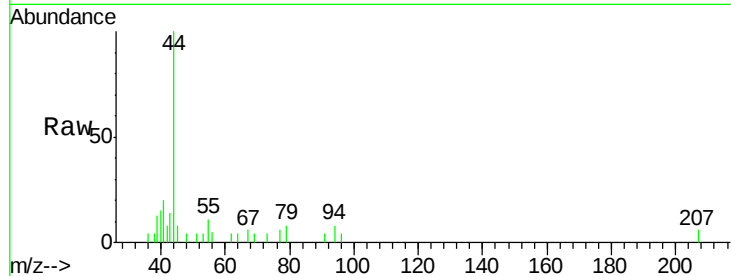
MW-9

Tgt Ion: 94 Resp: 380

Ion Ratio Lower Upper

94 100

96 46.9 73.4 110.2#



#12

Tert butyl alcohol

Concen: 180.97 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN027285.D

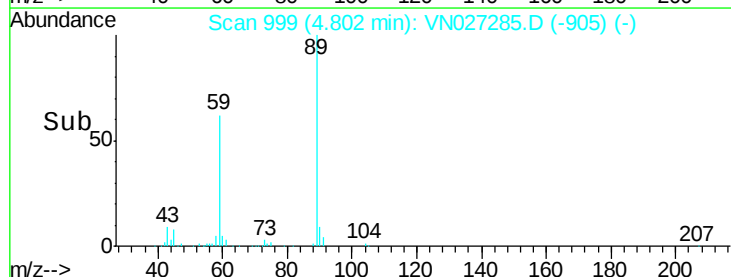
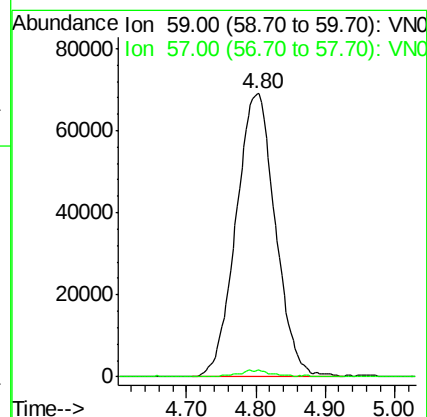
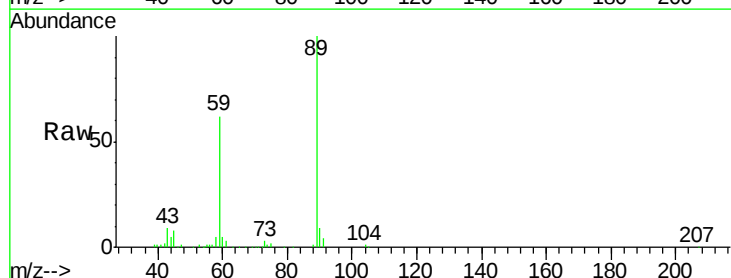
Acq: 18 Sep 2015 5:56

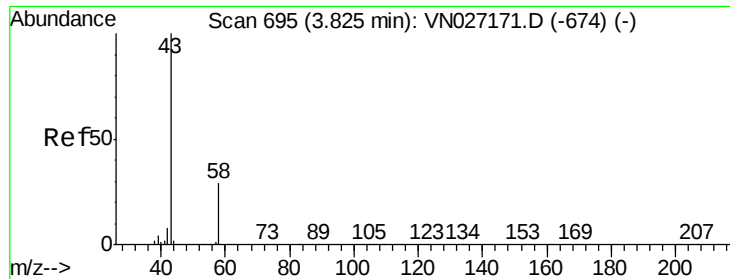
Tgt Ion: 59 Resp: 272292

Ion Ratio Lower Upper

59 100

57 1.1 7.6 11.4#





#17

Acetone

Concen: 101.10 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampleId :

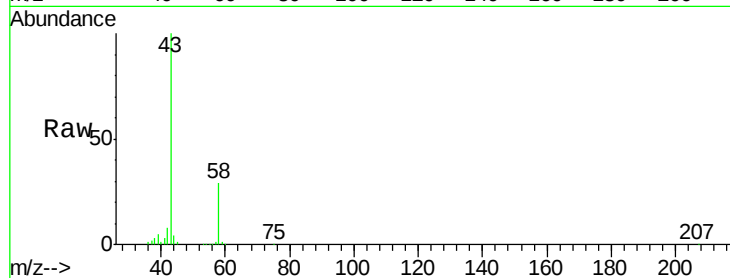
MW-9

Tgt Ion: 43 Resp: 419427

Ion Ratio Lower Upper

43 100

58 29.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

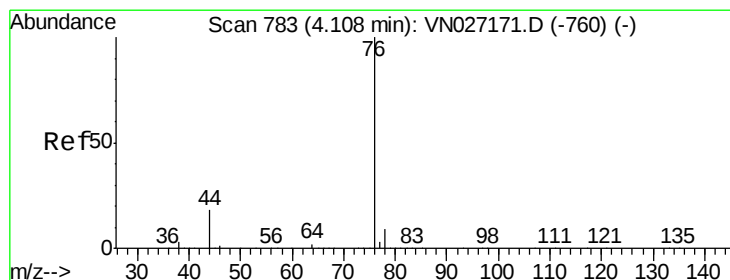
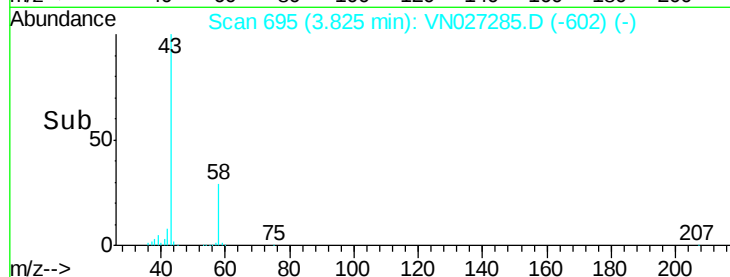
150000

100000

50000

0

Time--> 3.70 3.80 3.90 4.00



#18

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027285.D

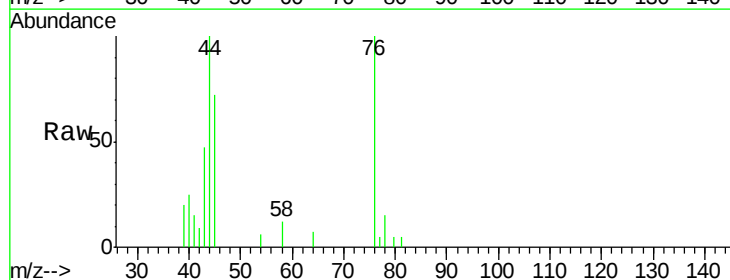
Acq: 18 Sep 2015 5:56

Tgt Ion: 76 Resp: 8589

Ion Ratio Lower Upper

76 100

78 14.5 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

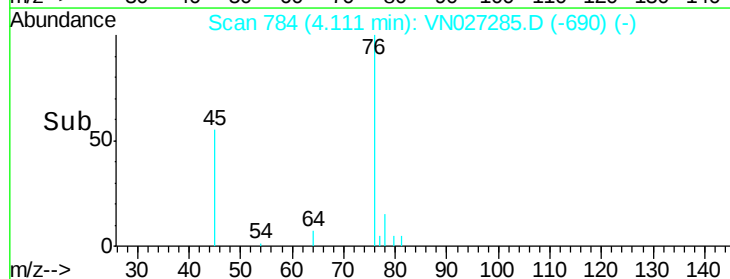
3000

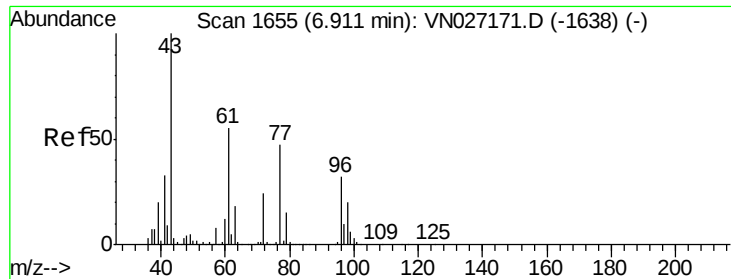
2000

1000

0

Time--> 4.05 4.10 4.15

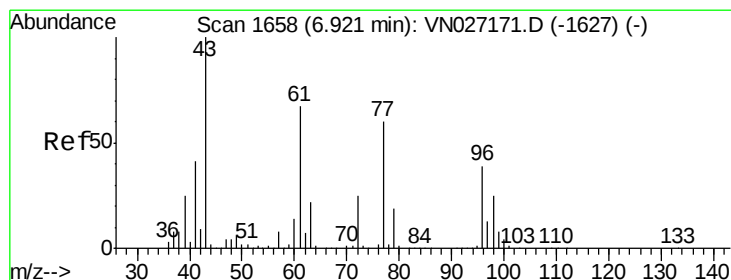
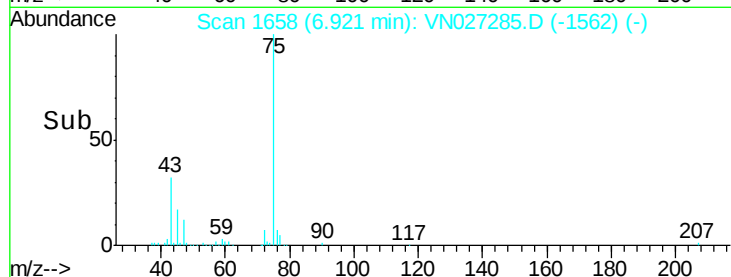
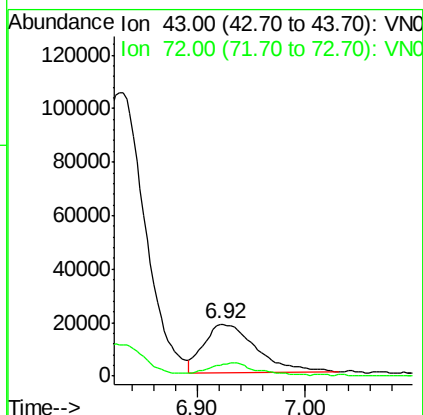
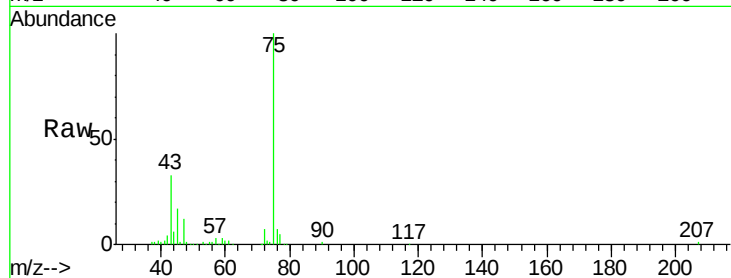




#26
 2-Butanone
 Concen: 9.82 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.01 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

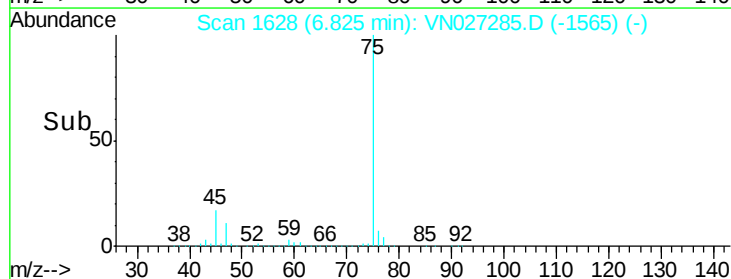
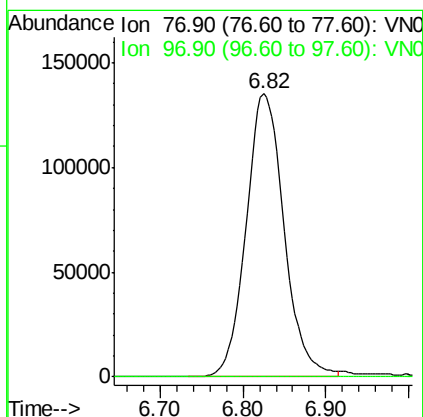
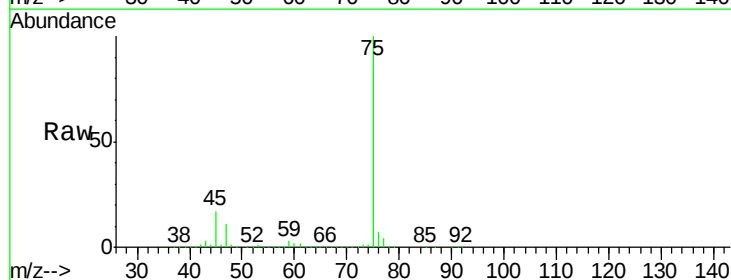
Instrument :
 MSVOA_N
 ClientSampled :
 MW-9

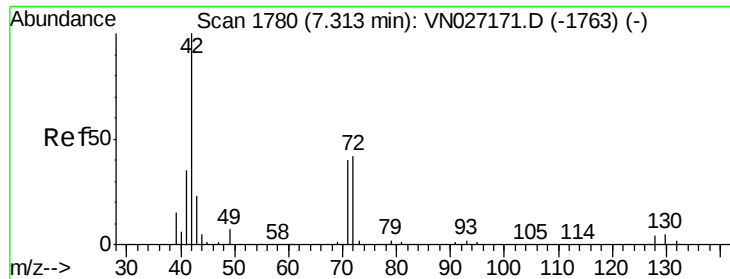
Tgt Ion: 43 Resp: 61341
 Ion Ratio Lower Upper
 43 100
 72 21.3 18.8 28.2



#27
 2,2-Dichloropropane
 Concen: 20.90 ug/l
 RT: 6.82 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

Tgt Ion: 77 Resp: 430535
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#





#30

Tetrahydrofuran

Concen: 0.61 ug/l

RT: 7.34 min Scan# 1787

Delta R.T. 0.02 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

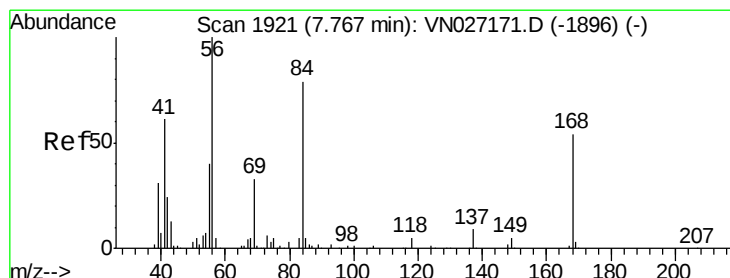
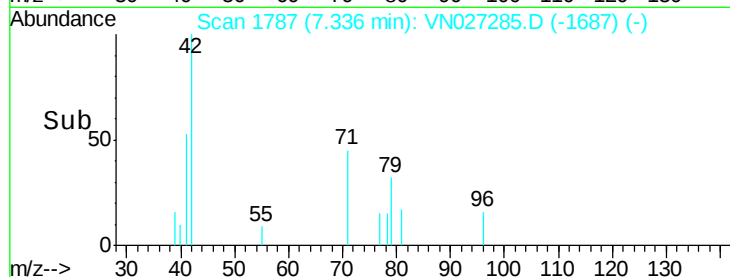
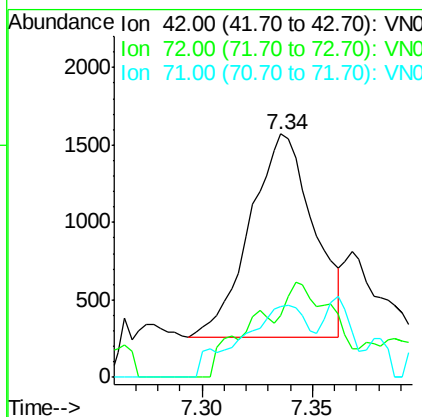
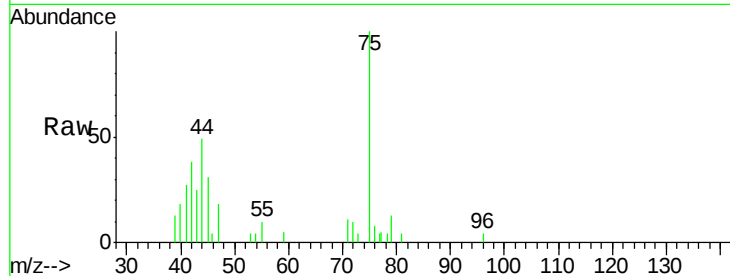
Instrument :

MSVOA_N

ClientSampled :

MW-9

Tgt Ion:	42	Resp:	2617
Ion	Ratio	Lower	Upper
42	100		
72	25.6	29.9	44.9#
71	33.2	28.3	42.5



#32

Cyclohexane

Concen: 1.06 ug/l

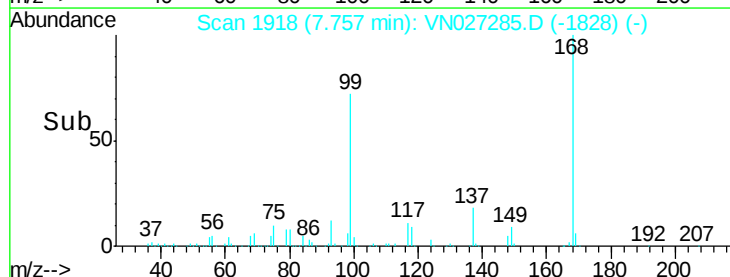
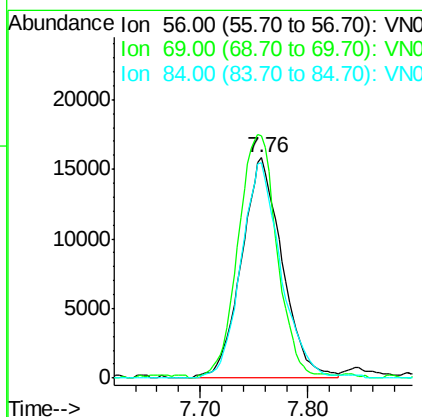
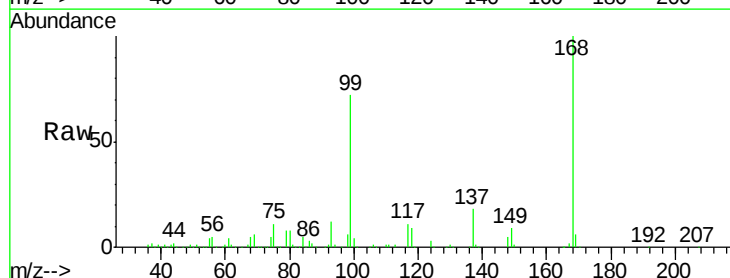
RT: 7.76 min Scan# 1918

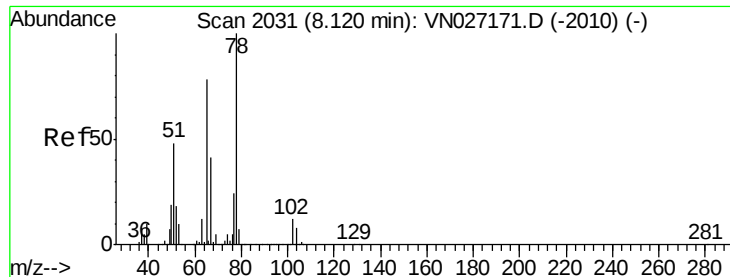
Delta R.T. -0.01 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Tgt Ion:	56	Resp:	41486
Ion	Ratio	Lower	Upper
56	100		
69	110.3	23.0	34.4#
84	98.1	57.8	86.8#





#34

1,2-Dichloroethane-d4

Concen: 47.67 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampleId :

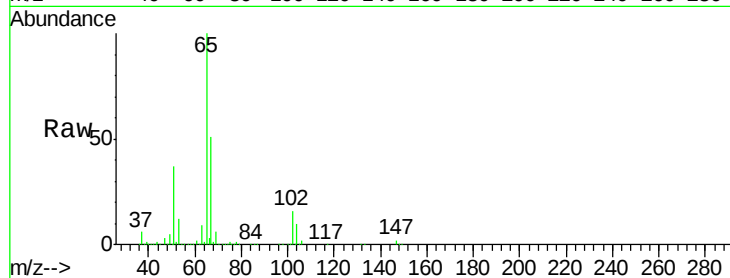
MW-9

Tgt Ion: 65 Resp: 733444

Ion Ratio Lower Upper

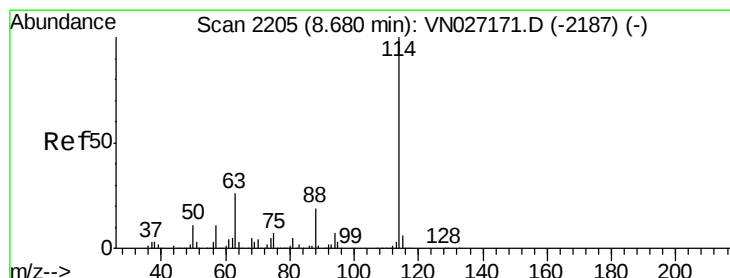
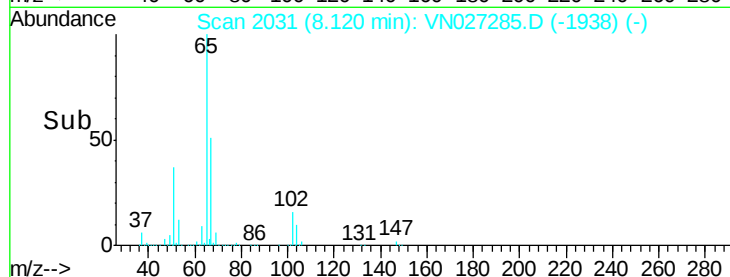
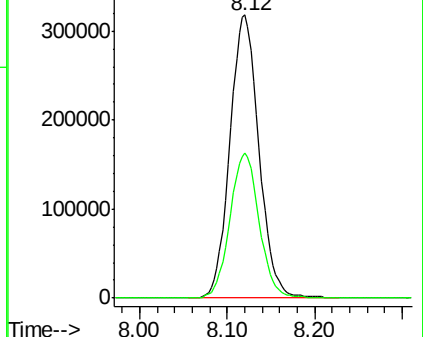
65 100

67 51.4 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: VN027285.D

Acq: 18 Sep 2015 5:56

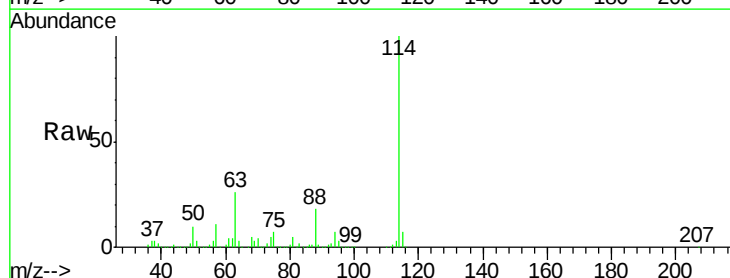
Tgt Ion: 114 Resp: 1340572

Ion Ratio Lower Upper

114 100

63 26.2 0.0 48.8

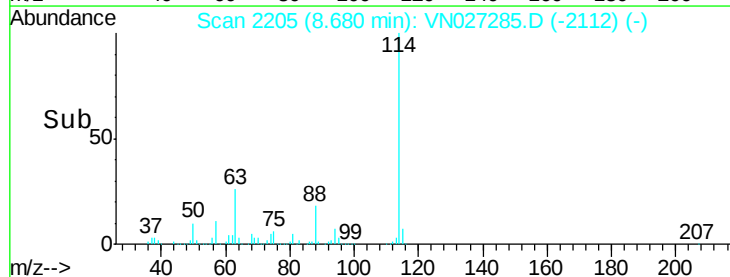
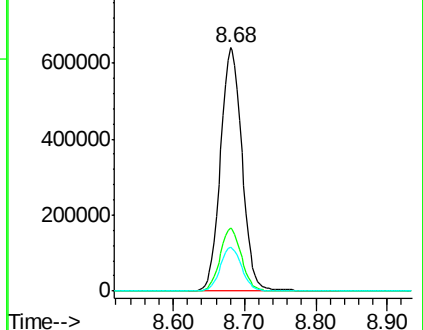
88 17.8 0.0 32.2

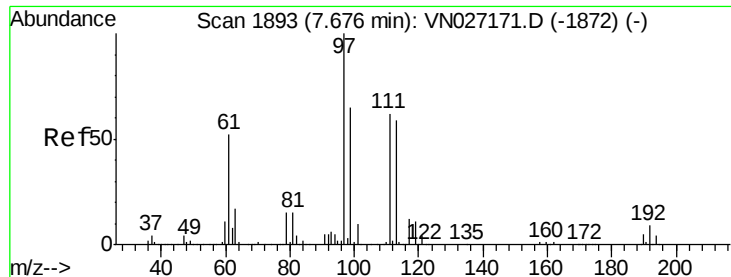


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

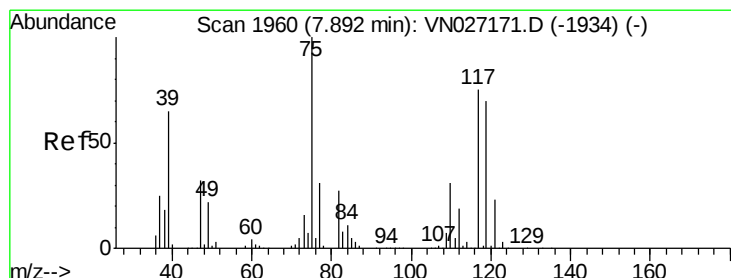
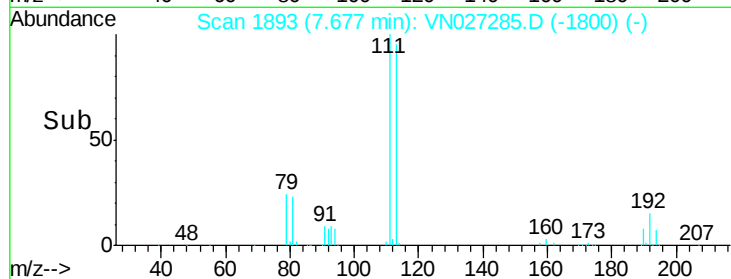
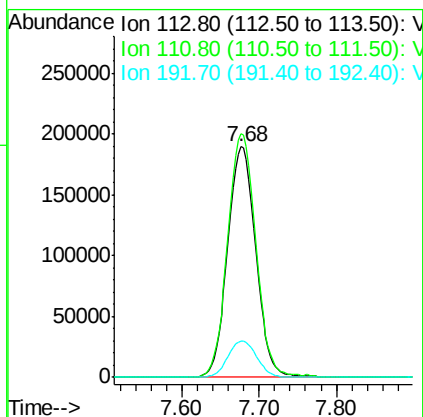
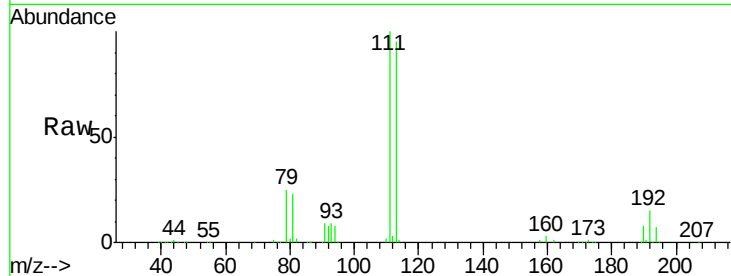




#36
 Dibromofluoromethane
 Concen: 51.48 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

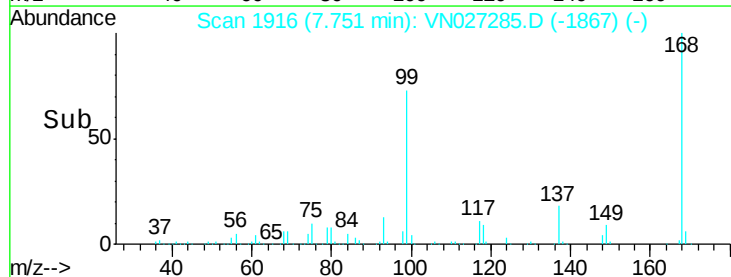
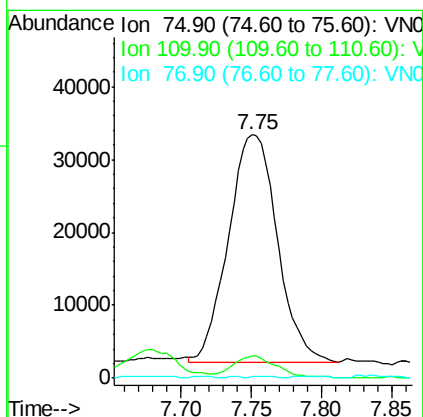
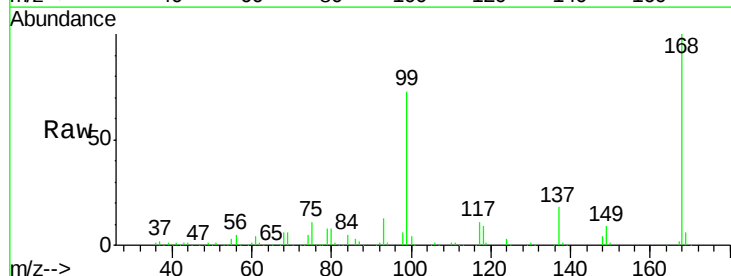
Instrument :
 MSVOA_N
 ClientSampled :
 MW-9

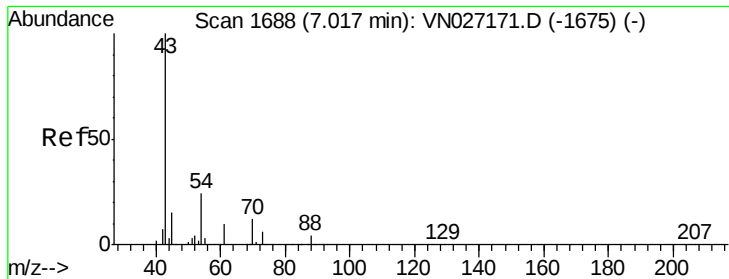
Tgt Ion: 113 Resp: 478375
 Ion Ratio Lower Upper
 113 100
 111 105.5 83.0 124.4
 192 16.0 14.1 21.1



#37
 1,1-Dichloropropene
 Concen: 4.81 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.14 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

Tgt Ion: 75 Resp: 75457
 Ion Ratio Lower Upper
 75 100
 110 9.0 15.9 47.7#
 77 0.3 24.9 37.3#

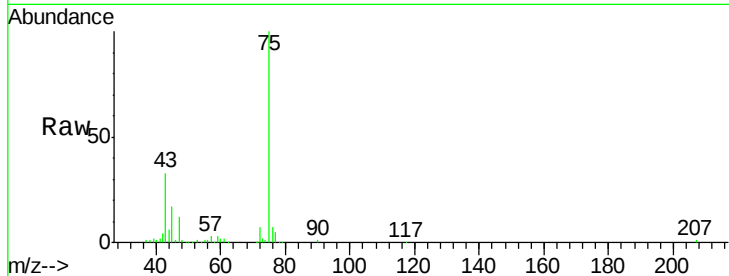




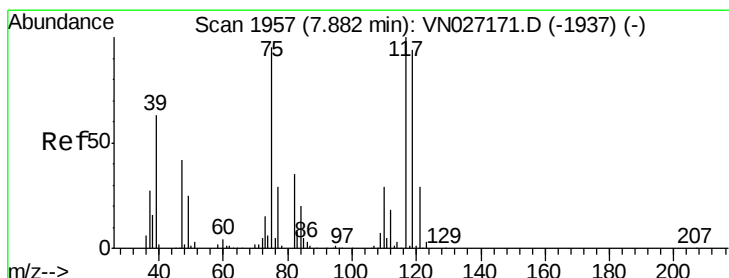
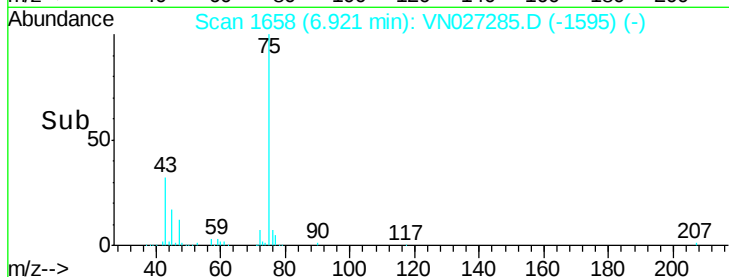
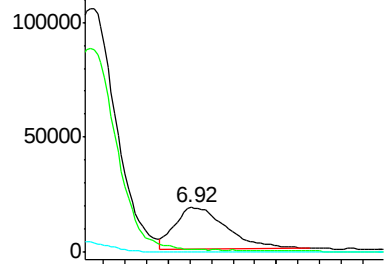
#38
Ethyl Acetate
Concen: 3.62 ug/l
RT: 6.92 min Scan# 1658
Delta R.T. -0.10 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Instrument :
MSVOA_N
ClientSampled :
MW-9

Tgt Ion: 43 Resp: 61441
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 7.4 11.0#

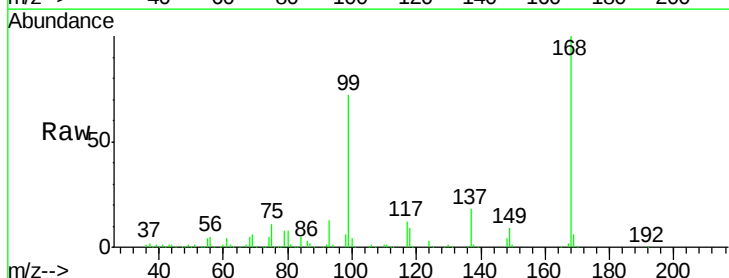


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

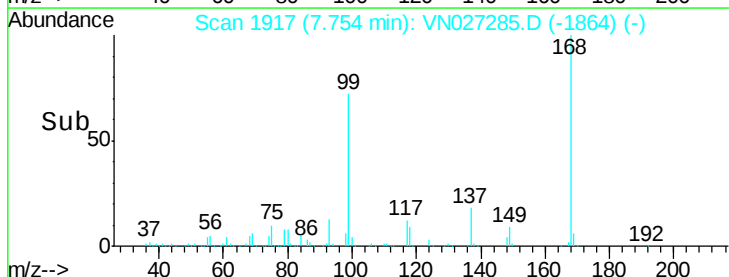
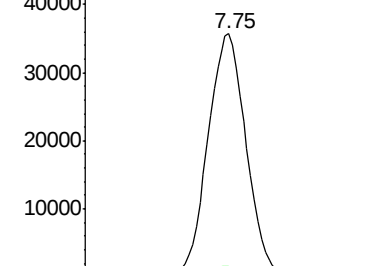


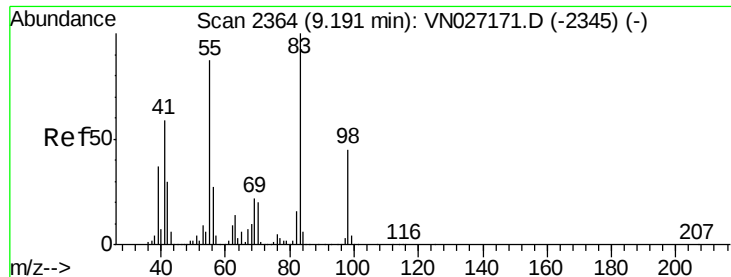
#39
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.13 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion: 117 Resp: 84500
Ion Ratio Lower Upper
117 100
119 4.3 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

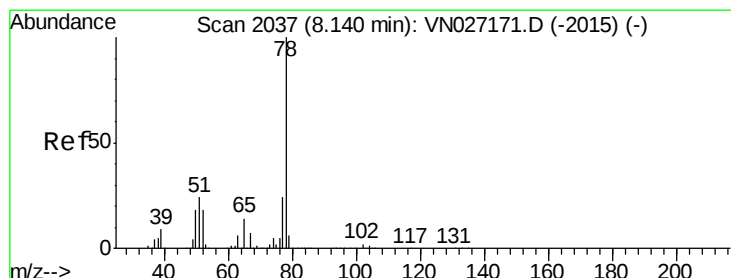
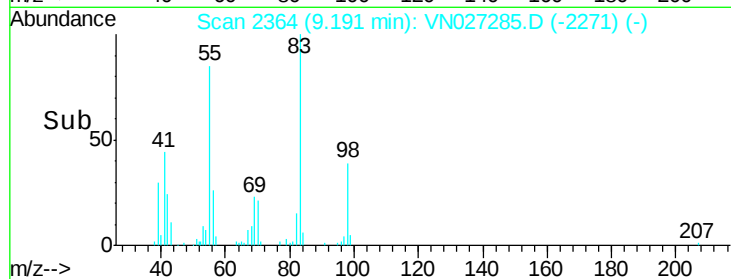
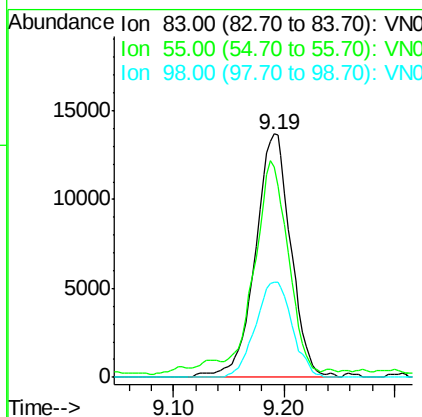
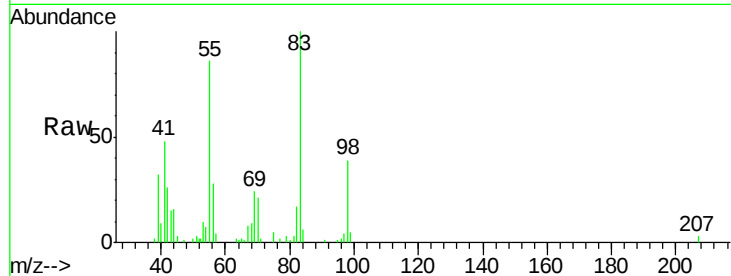




#40
Methylcyclohexane
Concen: 1.59 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

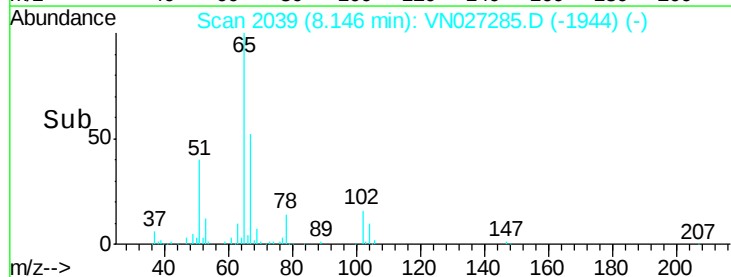
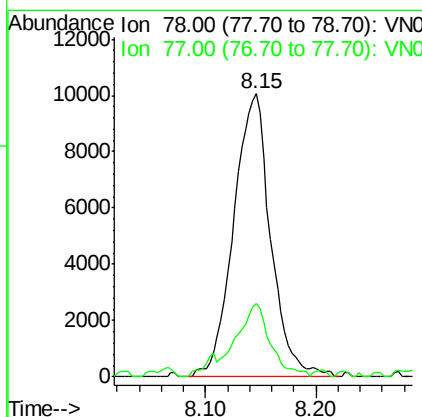
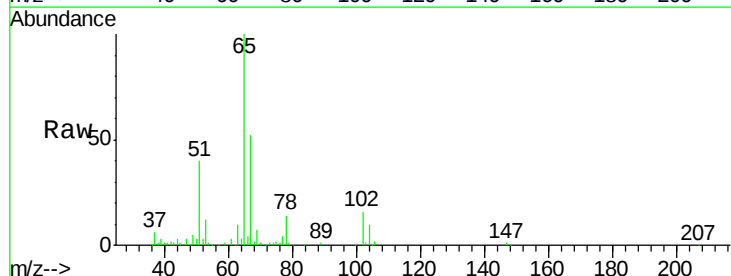
Instrument :
MSVOA_N
ClientSampled :
MW-9

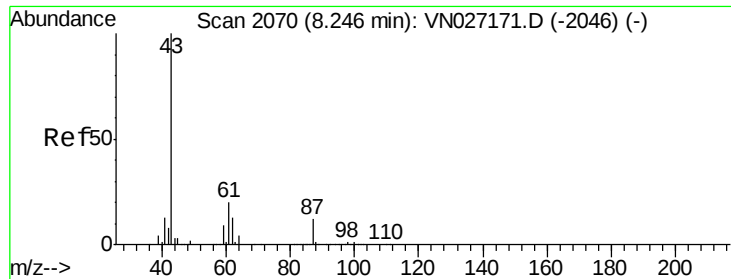
Tgt Ion: 83 Resp: 30475
Ion Ratio Lower Upper
83 100
55 84.3 69.8 104.8
98 39.3 34.3 51.5



#41
Benzene
Concen: 0.51 ug/l
RT: 8.15 min Scan# 2039
Delta R.T. 0.01 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion: 78 Resp: 23393
Ion Ratio Lower Upper
78 100
77 26.2 19.0 28.4





#44

Isopropyl Acetate

Concen: 0.23 ug/l

RT: 8.37 min Scan# 2108

Delta R.T. 0.12 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

MW-9

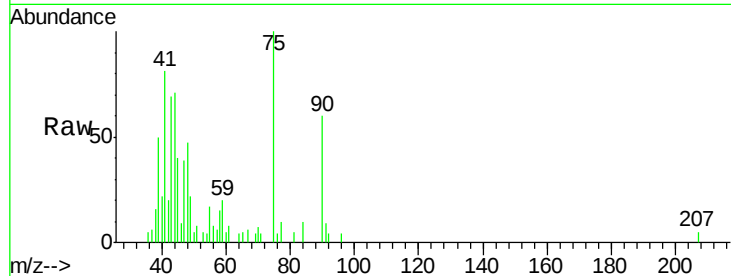
Tgt Ion: 43 Resp: 5752

Ion Ratio Lower Upper

43 100

61 9.9 20.6 31.0#

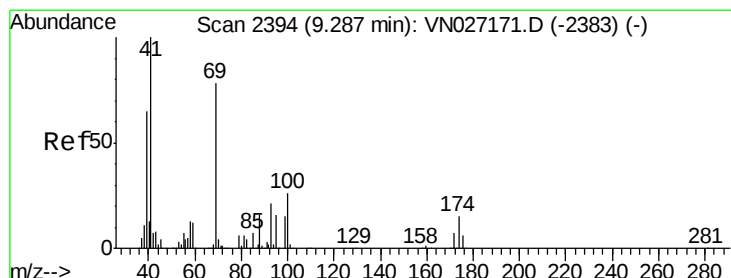
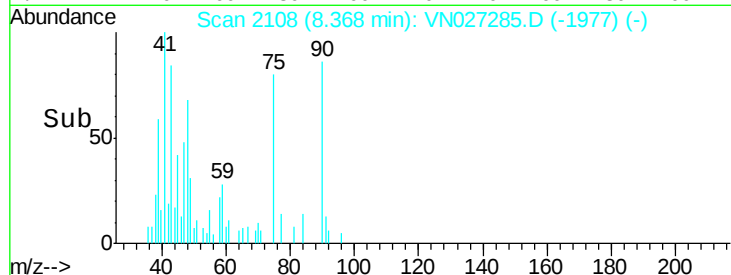
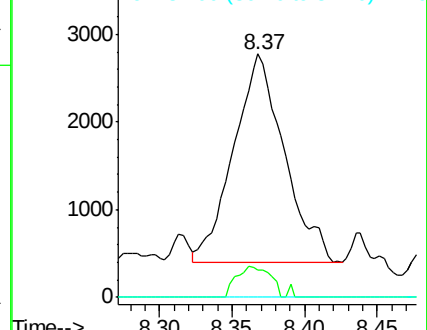
87 0.0 8.6 13.0#



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



#49

Methyl methacrylate

Concen: 0.28 ug/l

RT: 9.39 min Scan# 2426

Delta R.T. 0.10 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

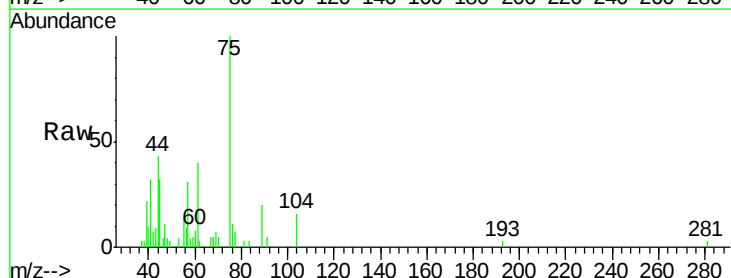
Tgt Ion: 41 Resp: 3452

Ion Ratio Lower Upper

41 100

69 51.7 59.3 88.9#

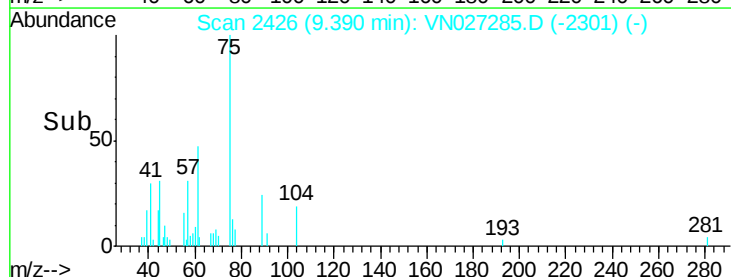
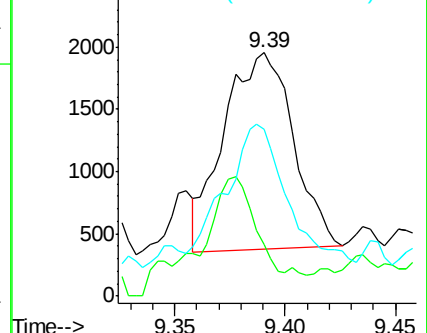
39 63.7 39.5 59.3#

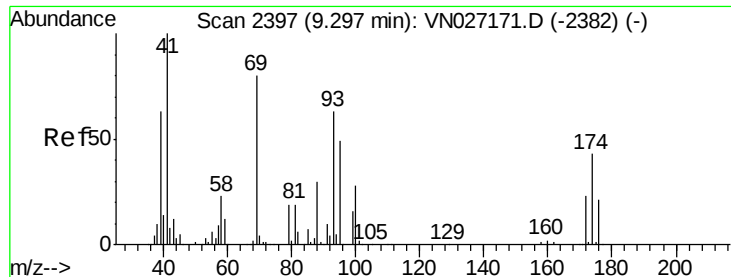


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

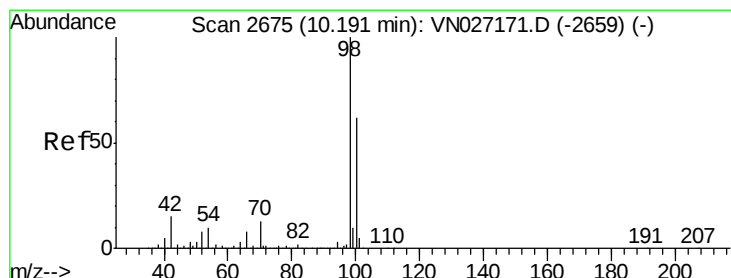
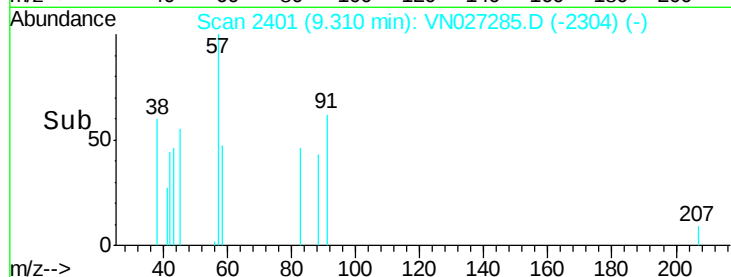
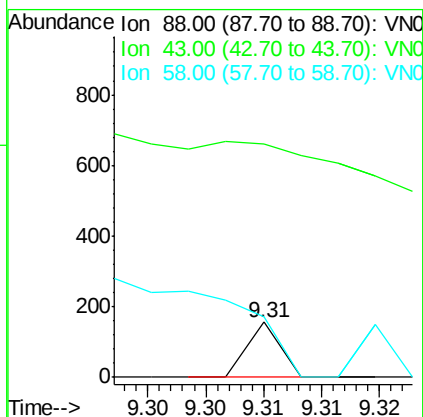
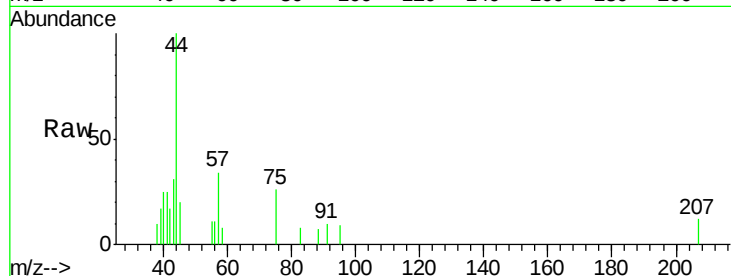




#50
1,4-Dioxane
Concen: 0.20 ug/l
RT: 9.31 min Scan# 2401
Delta R.T. 0.01 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

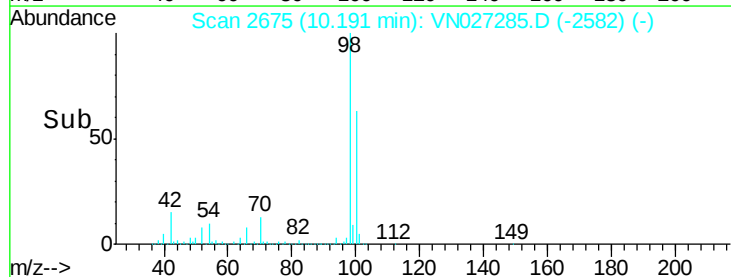
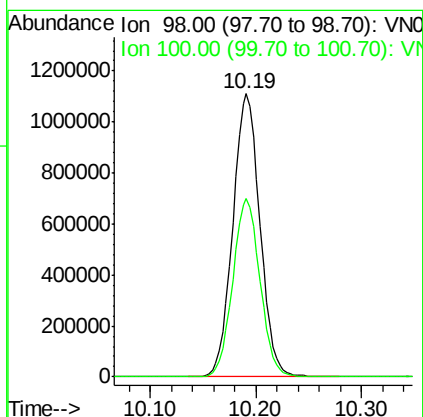
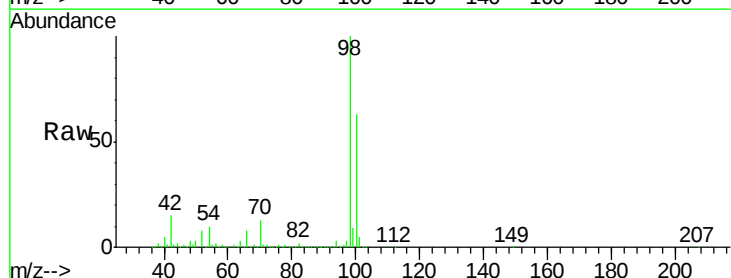
Instrument :
MSVOA_N
ClientSampleId :
MW-9

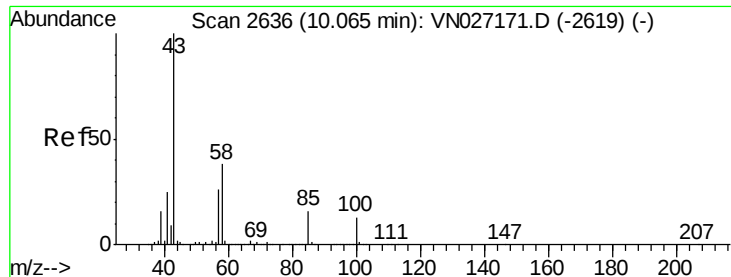
Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 27.6 41.4#
58 1056.7 63.1 94.7#



#51
Toluene-d8
Concen: 54.22 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion: 98 Resp: 1972781
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

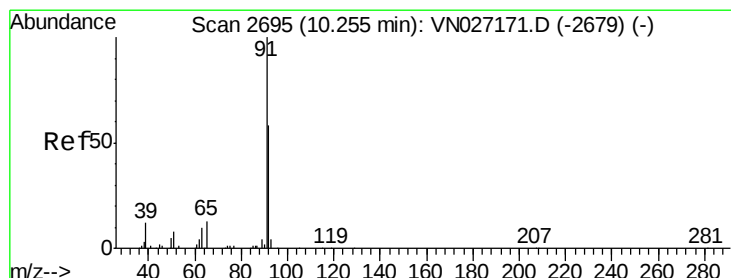
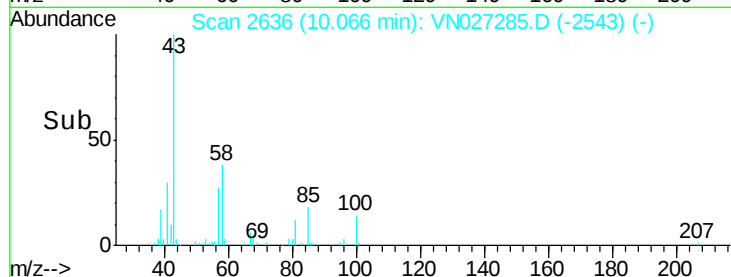
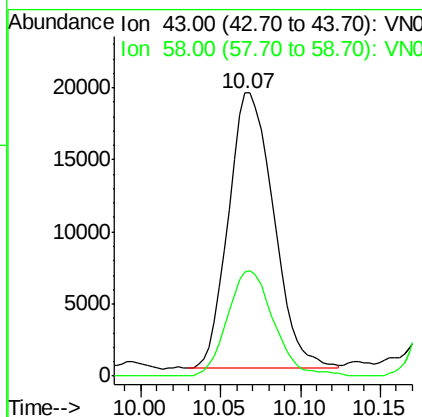
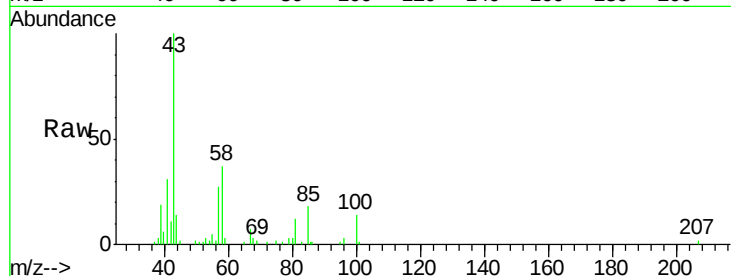




#52
4-Methyl-2-Pentanone
Concen: 2.78 ug/l
RT: 10.07 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

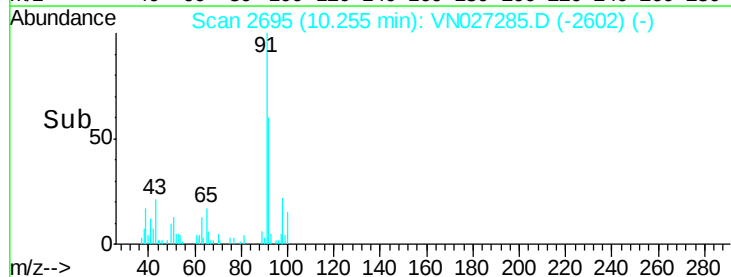
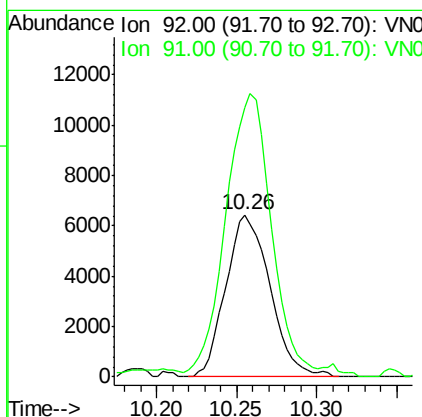
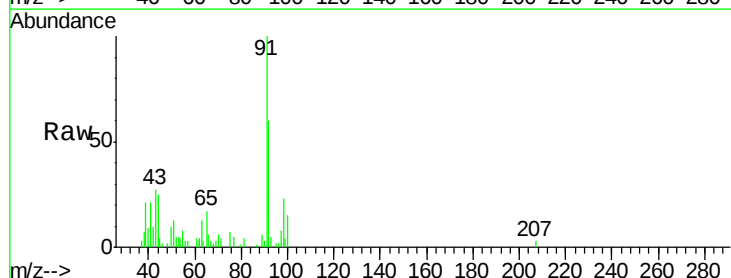
Instrument :
MSVOA_N
ClientSampled :
MW-9

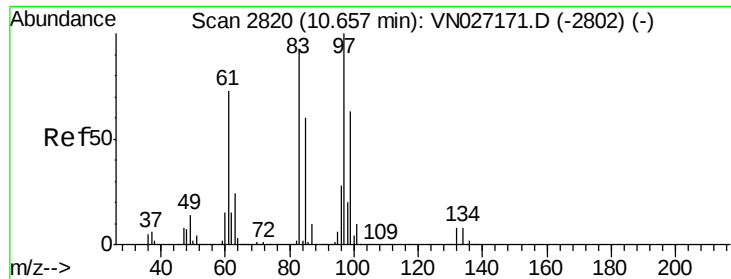
Tgt Ion: 43 Resp: 36873
Ion Ratio Lower Upper
43 100
58 39.2 29.8 44.8



#53
Toluene
Concen: 0.45 ug/l
RT: 10.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion: 92 Resp: 12165
Ion Ratio Lower Upper
92 100
91 175.8 141.4 212.2





#56

1,1,2-Trichloroethane

Concen: 0.65 ug/l

RT: 10.64 min Scan# 2815

Delta R.T. -0.02 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

MW-9

Tgt Ion: 97 Resp: 6576

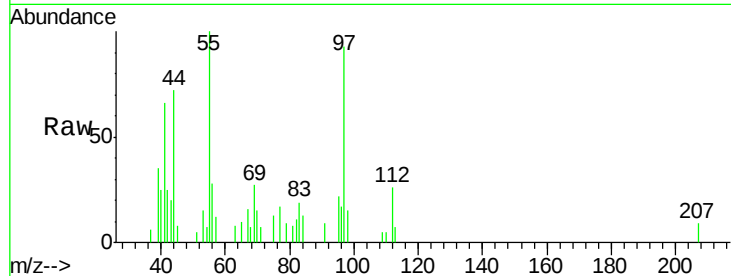
Ion Ratio Lower Upper

97 100

83 13.5 75.0 112.4#

85 0.0 48.0 72.0#

99 0.0 50.3 75.5#

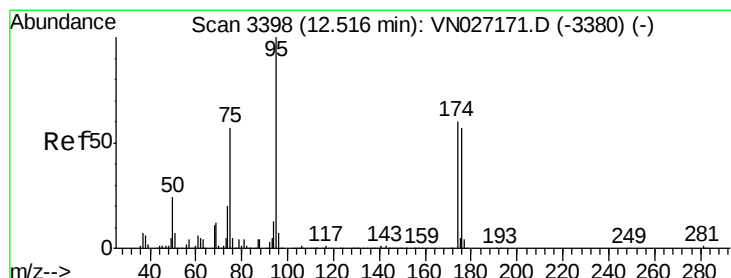
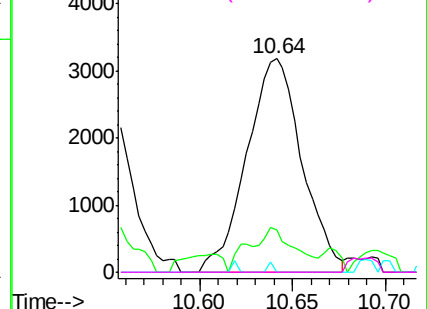
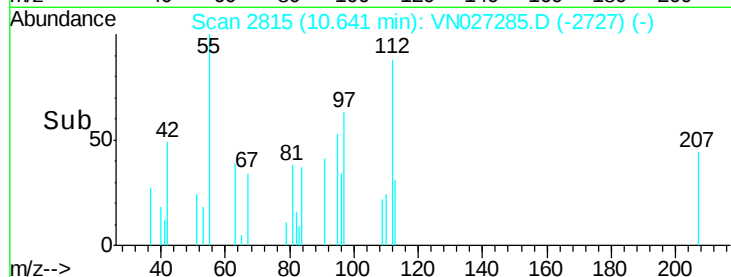


Abundance Ion 96.90 (96.60 to 97.60): VN0

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



#63

4-Bromofluorobenzene

Concen: 52.14 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

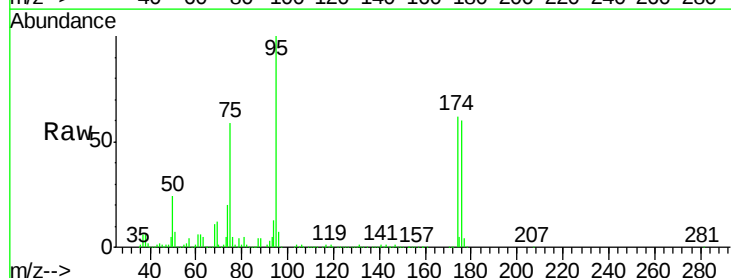
Tgt Ion: 95 Resp: 673365

Ion Ratio Lower Upper

95 100

174 63.6 0.0 137.0

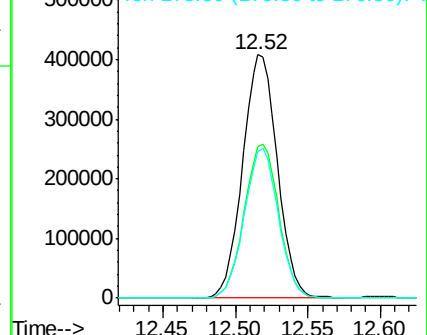
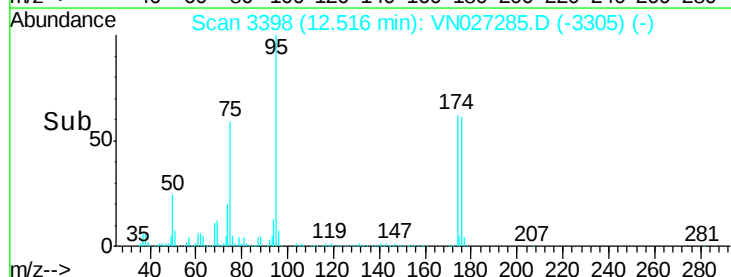
176 60.9 0.0 130.8

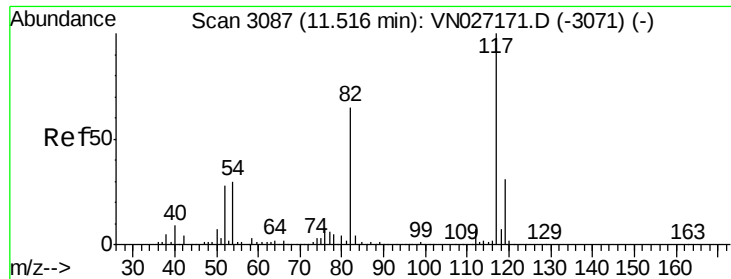


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#64

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

MW-9

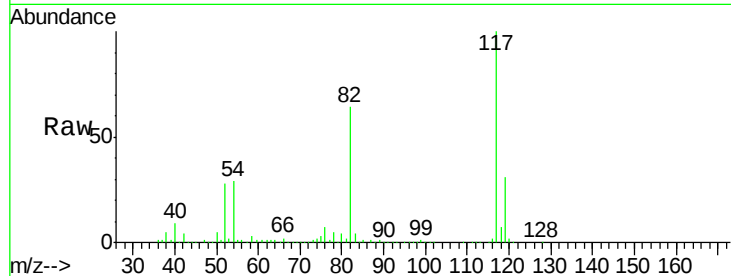
Tgt Ion:117 Resp: 1147228

Ion Ratio Lower Upper

117 100

82 64.0 49.6 74.4

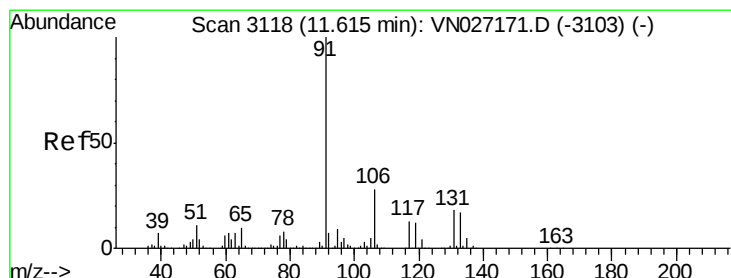
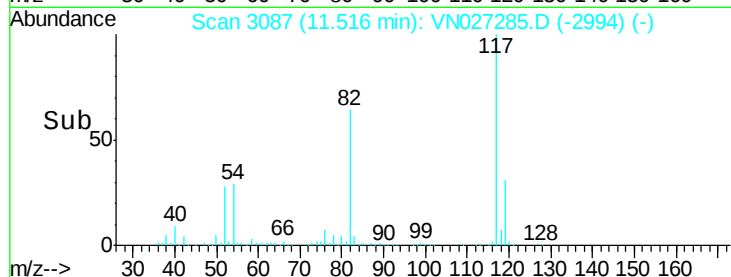
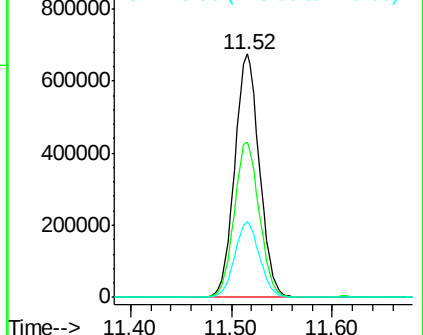
119 31.0 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

1,1,1,2-Tetrachloroethane

Concen: 2.12 ug/l

RT: 11.74 min Scan# 3157

Delta R.T. 0.13 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

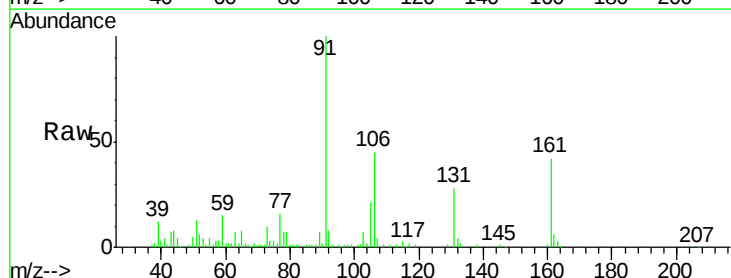
Tgt Ion:131 Resp: 19618

Ion Ratio Lower Upper

131 100

133 9.3 47.0 141.2#

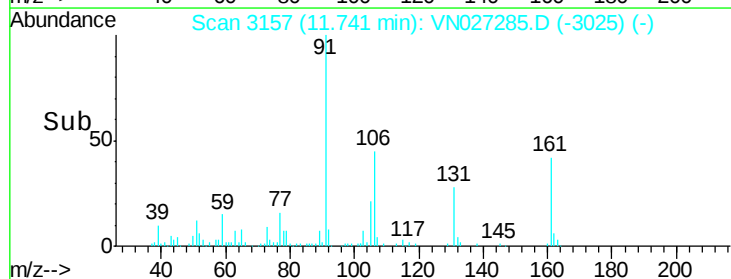
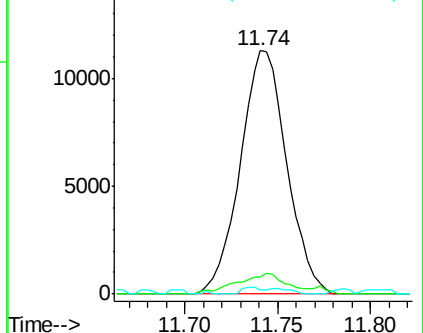
119 0.0 35.1 105.5#

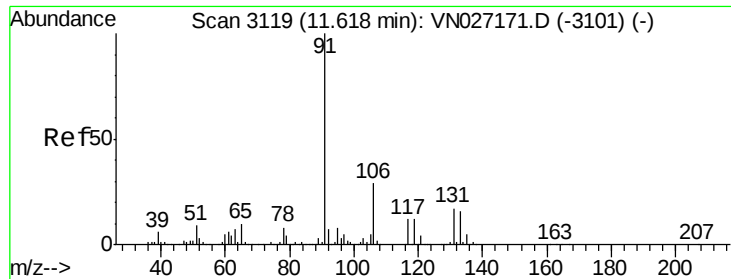


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#68

Ethyl Benzene

Concen: 3.33 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampleId :

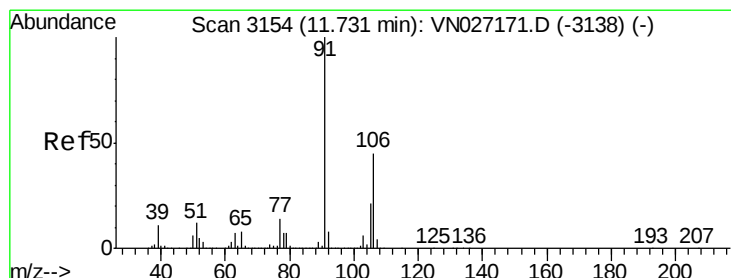
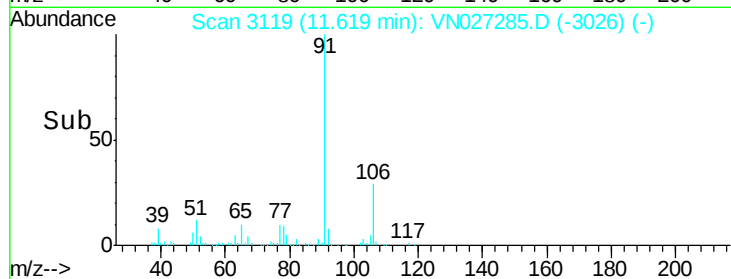
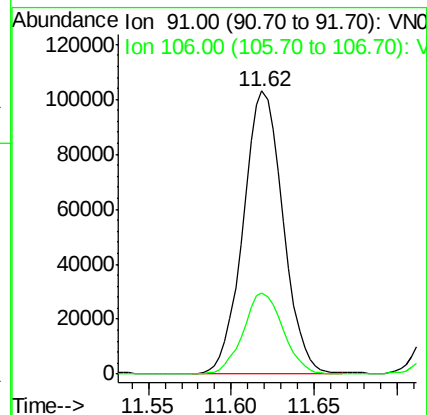
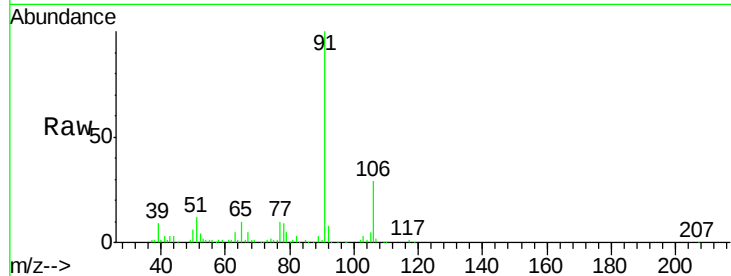
MW-9

Tgt Ion: 91 Resp: 171118

Ion Ratio Lower Upper

91 100

106 28.7 23.1 34.7



#69

m/p-Xylenes

Concen: 2.17 ug/l

RT: 11.73 min Scan# 3155

Delta R.T. 0.00 min

Lab File: VN027285.D

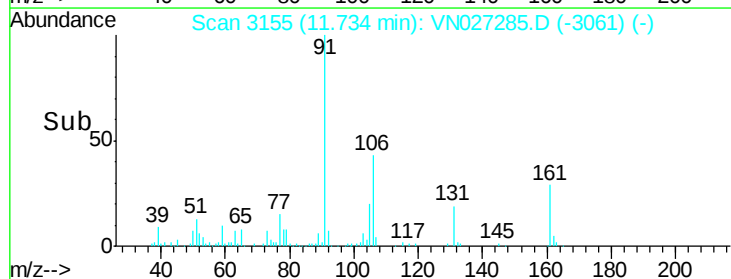
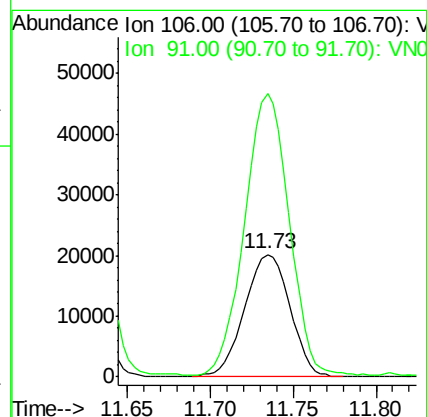
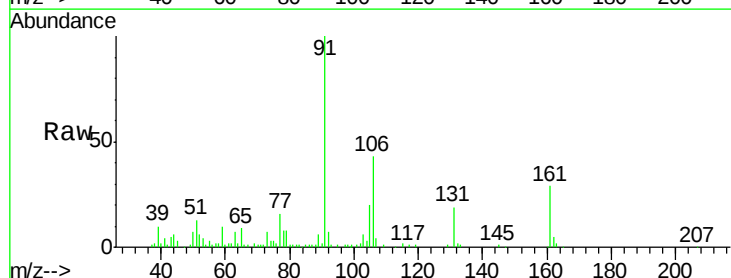
Acq: 18 Sep 2015 5:56

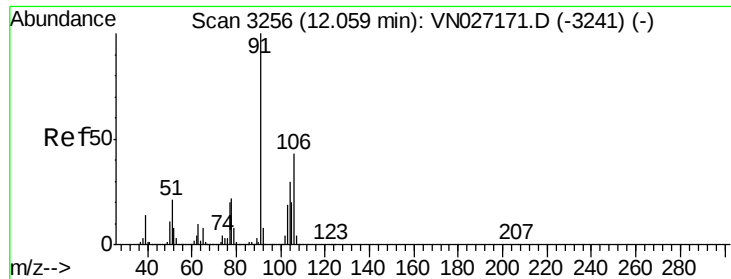
Tgt Ion: 106 Resp: 38479

Ion Ratio Lower Upper

106 100

91 223.0 167.1 250.7

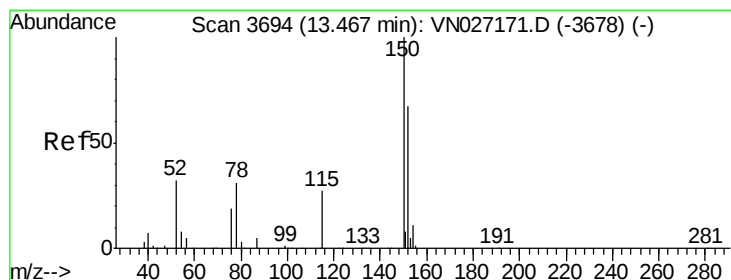
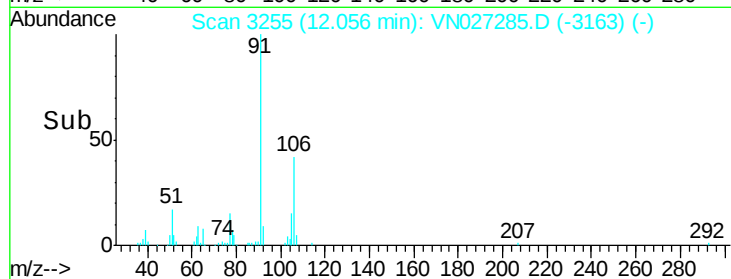
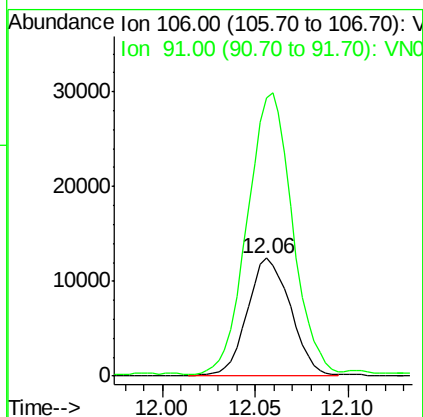
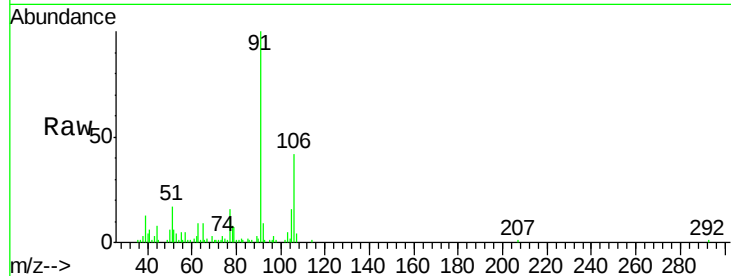




#70
o-Xylene
Concen: 1.14 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

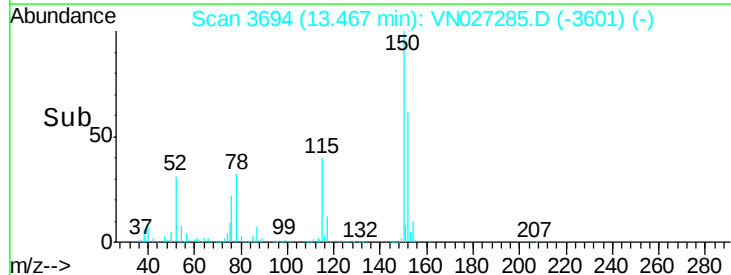
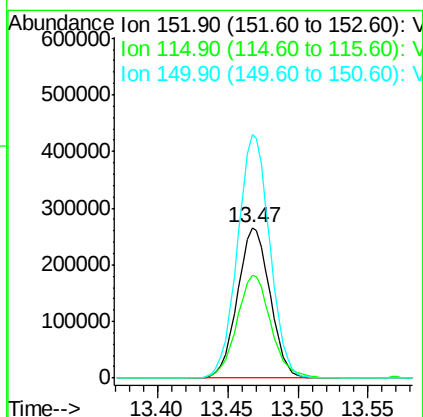
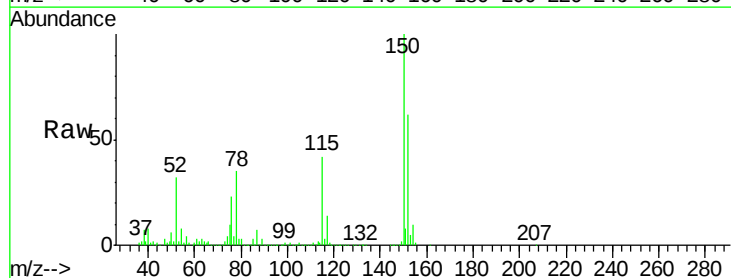
Instrument :
MSVOA_N
ClientSampled :
MW-9

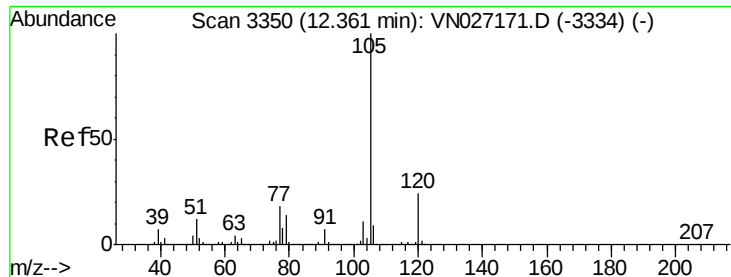
Tgt Ion:106 Resp: 20202
Ion Ratio Lower Upper
106 100
91 248.3 110.7 331.9



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion:152 Resp: 429576
Ion Ratio Lower Upper
152 100
115 70.6 30.8 92.3
150 160.5 0.0 345.0





#74

Isopropylbenzene

Concen: 2.50 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

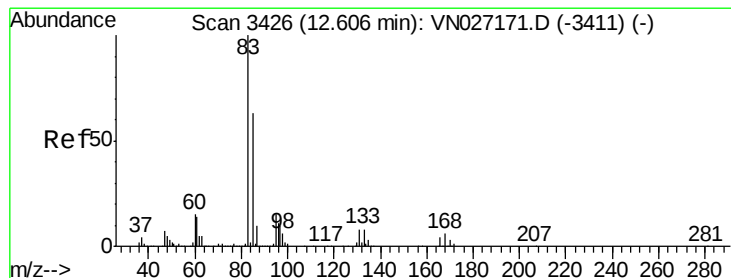
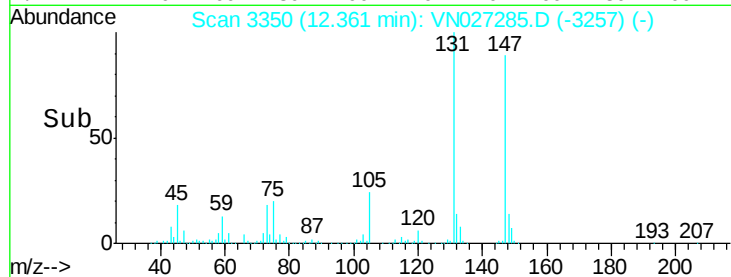
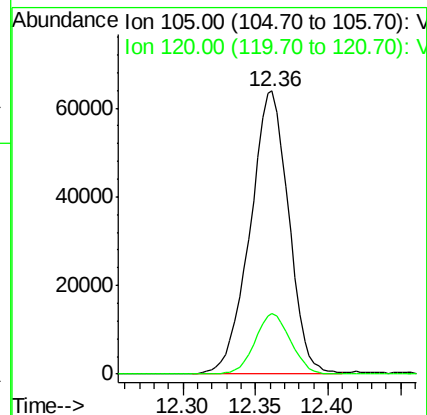
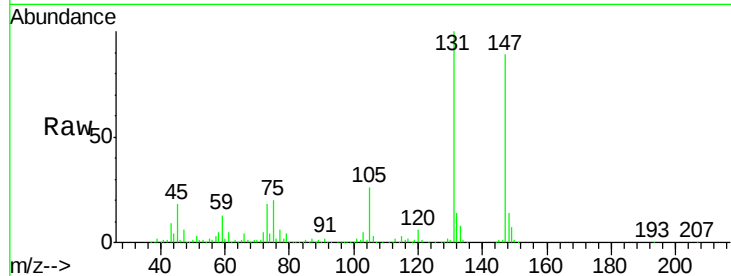
MW-9

Tgt Ion: 105 Resp: 118477

Ion Ratio Lower Upper

105 100

120 19.7 12.4 37.2



#76

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.59 min Scan# 3422

Delta R.T. -0.01 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

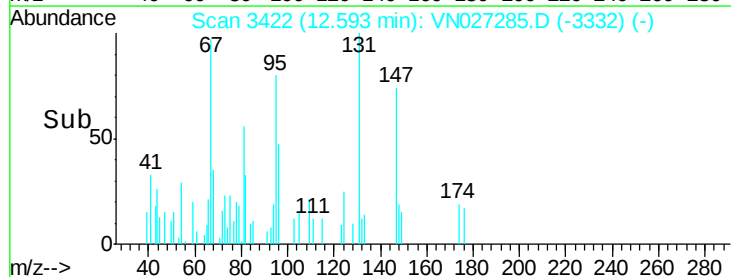
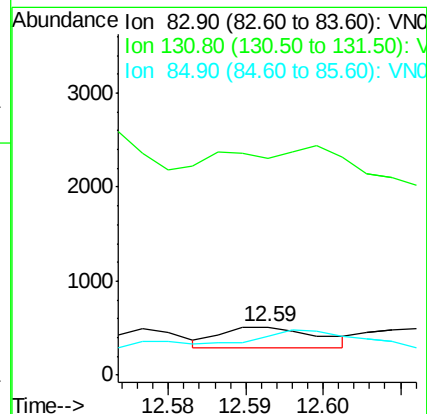
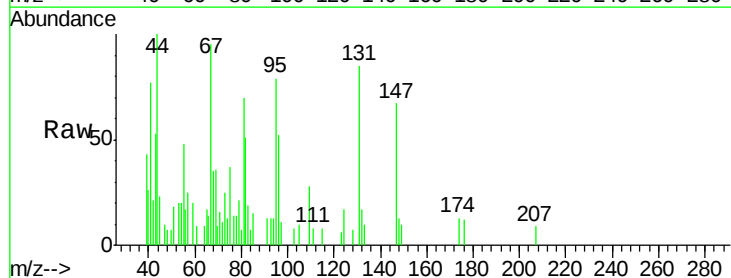
Tgt Ion: 83 Resp: 187

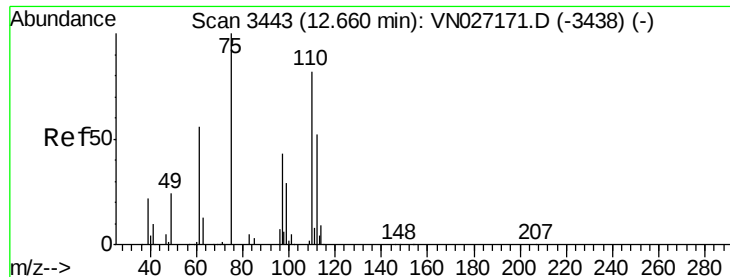
Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

85 0.0 31.9 95.7#





#77

1,2,3-Trichloropropane

Concen: 30.24 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.14 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

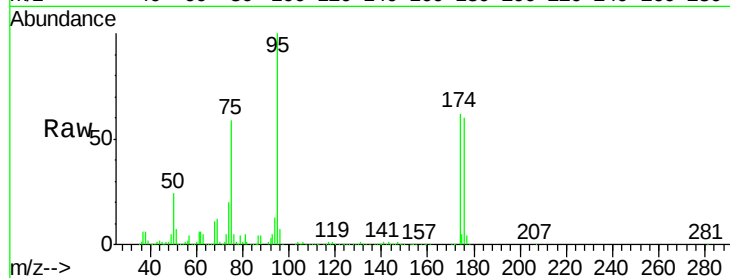
MW-9

Tgt Ion: 75 Resp: 392578

Ion Ratio Lower Upper

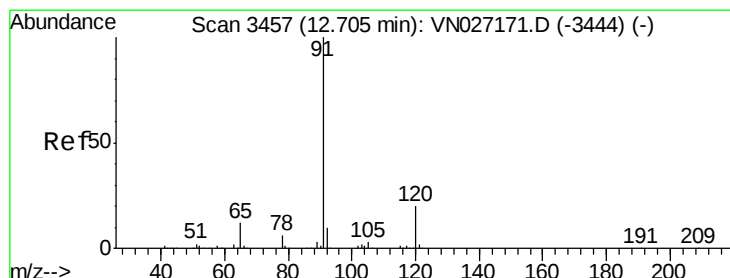
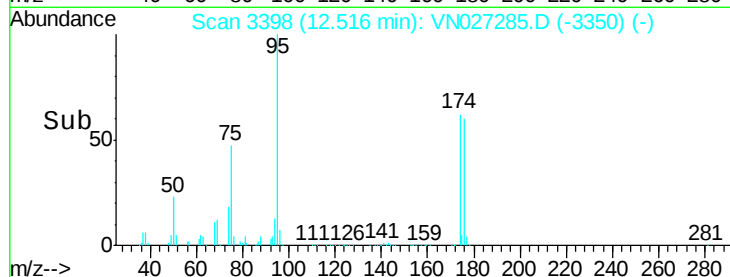
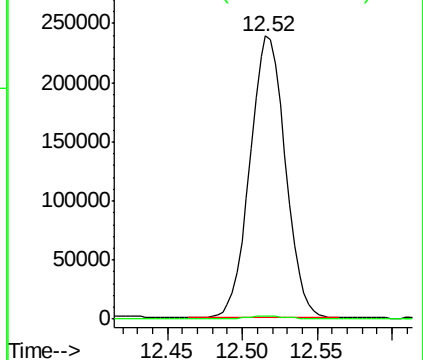
75 100

77 1.2 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

n-propylbenzene

Concen: 2.98 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027285.D

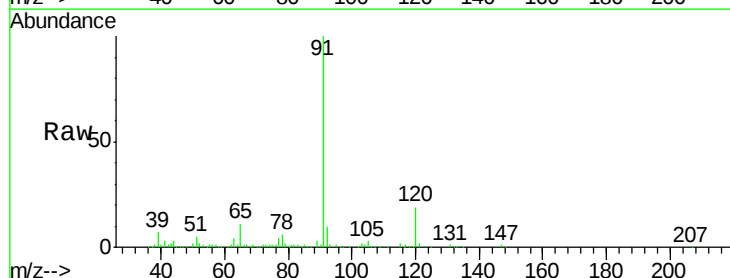
Acq: 18 Sep 2015 5:56

Tgt Ion: 91 Resp: 166198

Ion Ratio Lower Upper

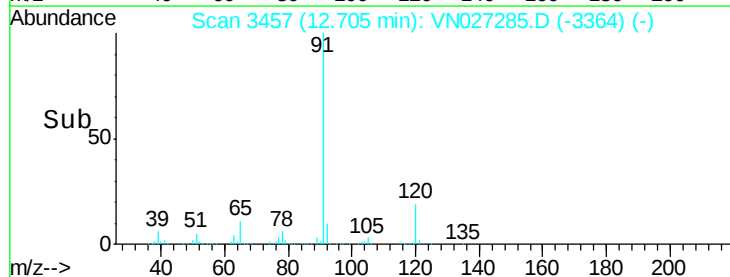
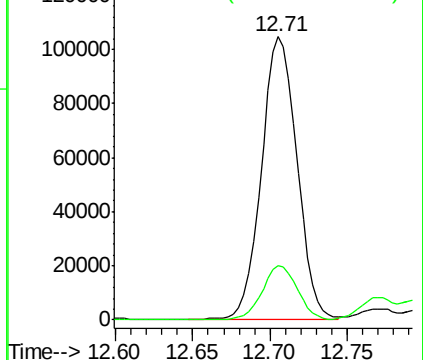
91 100

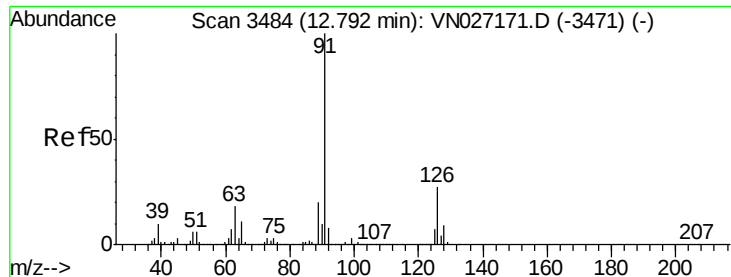
120 19.2 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

2-Chlorotoluene

Concen: 0.25 ug/l

RT: 12.81 min Scan# 3488

Delta R.T. 0.01 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

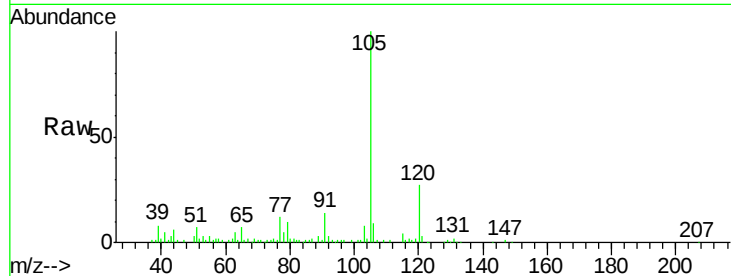
MW-9

Tgt Ion: 91 Resp: 8456

Ion Ratio Lower Upper

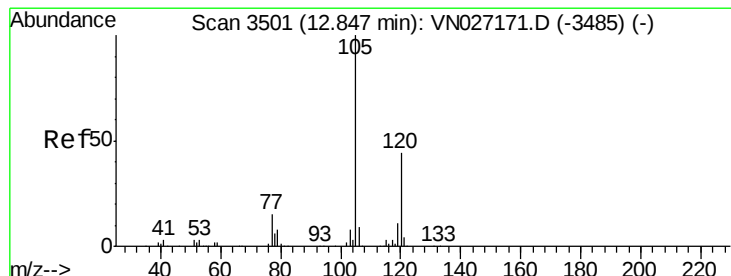
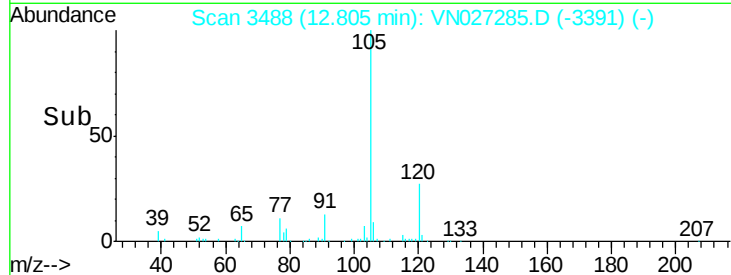
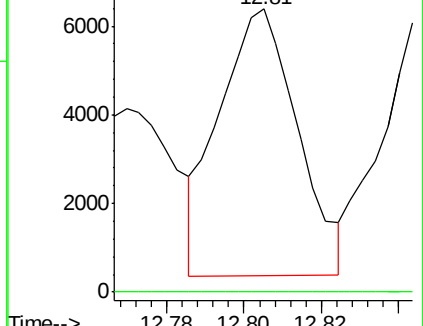
91 100

126 0.0 15.2 45.5#



Abundance Ion 91.00 (90.70 to 91.70): VN027171.D (-3471) (-)

Ion 125.90 (125.60 to 126.60): VN027171.D (-3471) (-)



#81

1,3,5-Trimethylbenzene

Concen: 2.18 ug/l

RT: 12.85 min Scan# 3501

Delta R.T. 0.00 min

Lab File: VN027285.D

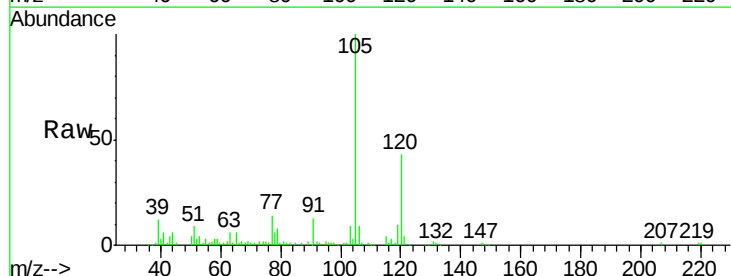
Acq: 18 Sep 2015 5:56

Tgt Ion: 105 Resp: 82866

Ion Ratio Lower Upper

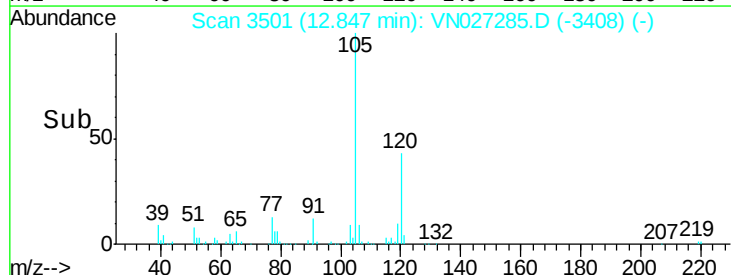
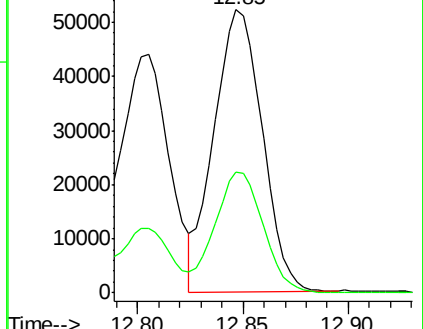
105 100

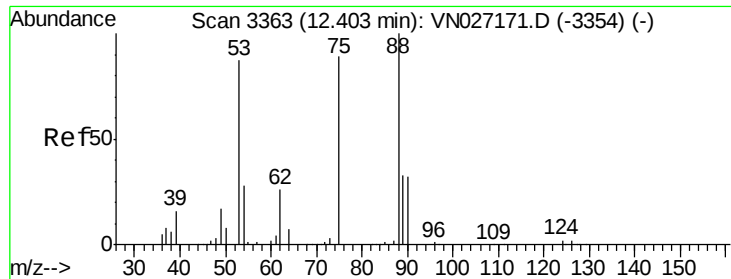
120 43.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN027171.D (-3485) (-)

Ion 120.00 (119.70 to 120.70): VN027171.D (-3485) (-)

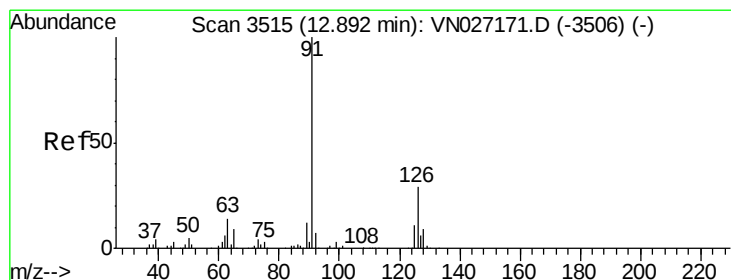
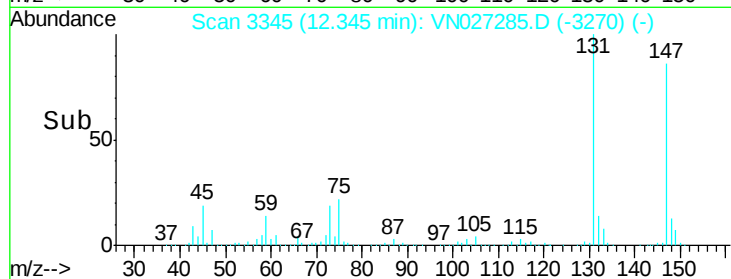
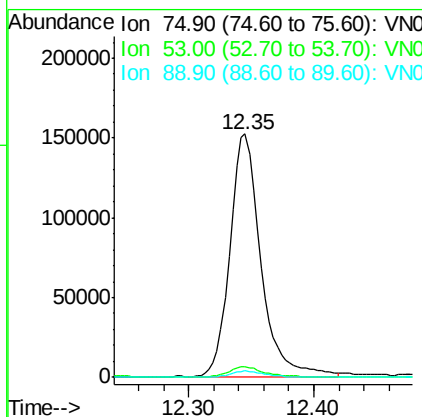
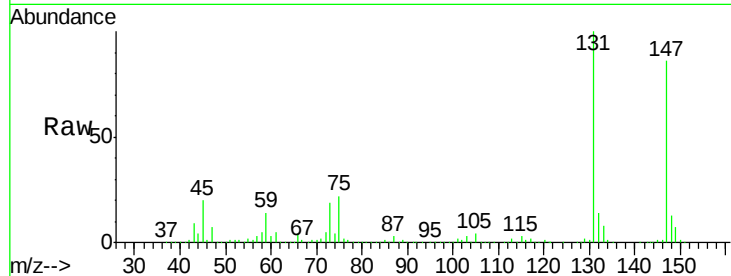




#82
 trans-1,4-Dichloro-2-butene
 Concen: 49.26 ug/l
 RT: 12.35 min Scan# 3345
 Delta R.T. -0.06 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

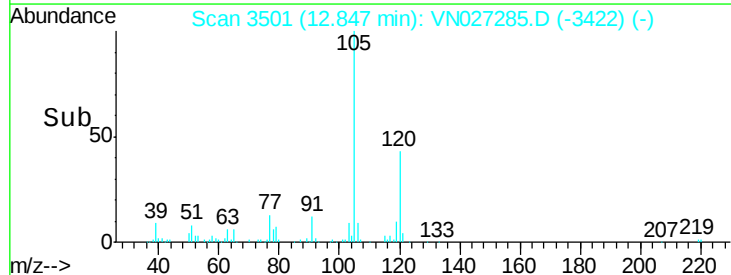
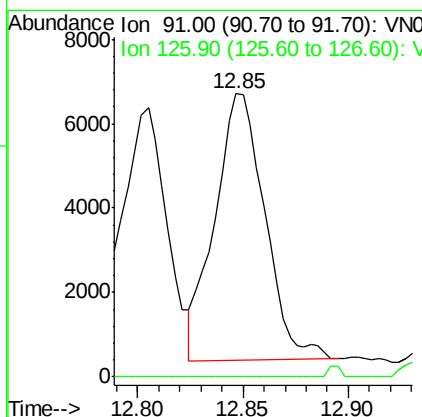
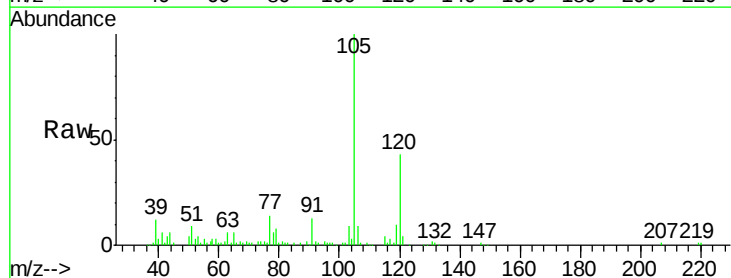
Instrument :
 MSVOA_N
 ClientSampled :
 MW-9

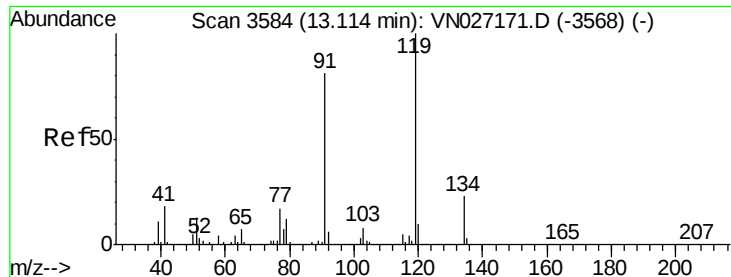
Tgt Ion: 75 Resp: 260374
 Ion Ratio Lower Upper
 75 100
 53 4.6 92.9 139.3#
 89 2.8 34.2 51.4#



#83
 4-Chlorotoluene
 Concen: 0.32 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. -0.04 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

Tgt Ion: 91 Resp: 10377
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.9 44.5#

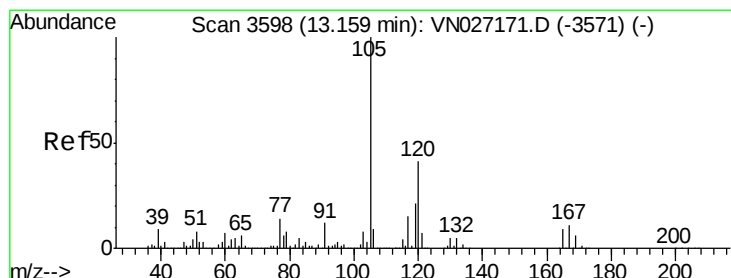
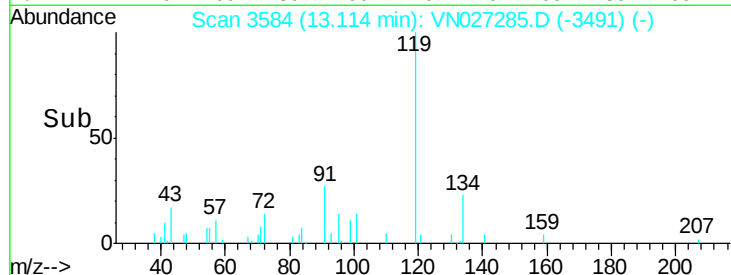
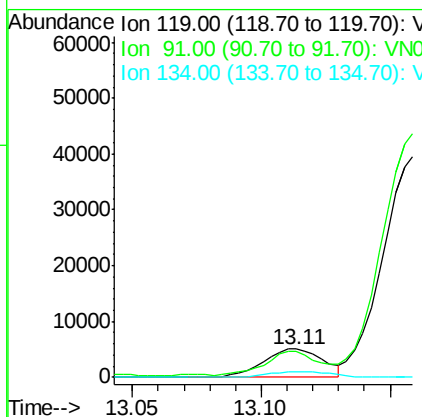
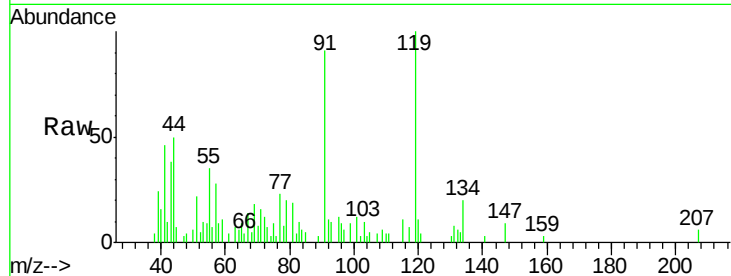




#84
 tert-Butylbenzene
 Concen: 0.26 ug/l
 RT: 13.11 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

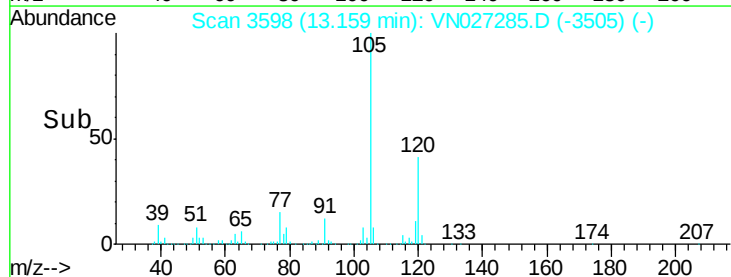
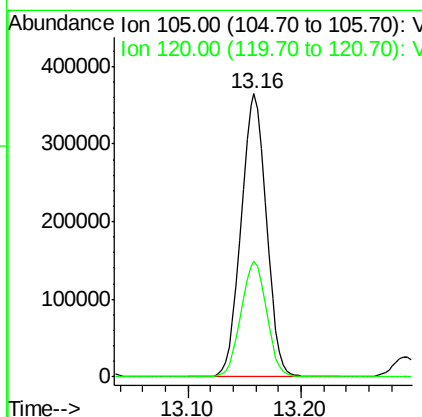
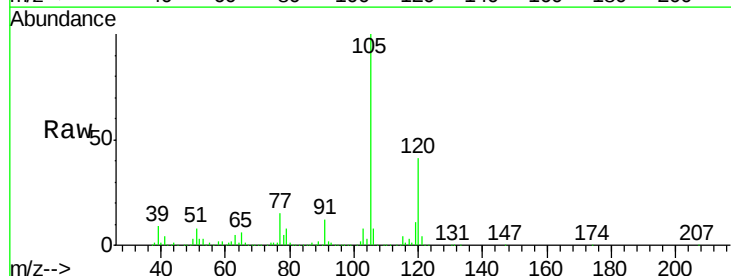
Instrument :
 MSVOA_N
 ClientSampled :
 MW-9

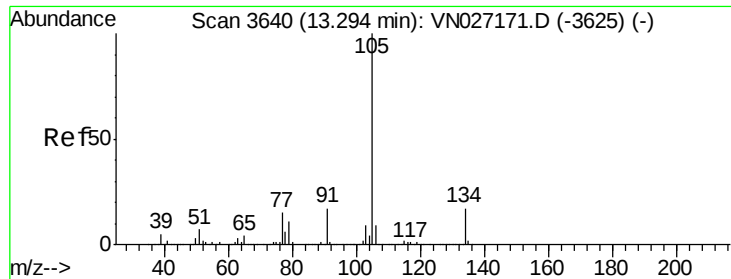
Tgt Ion:119 Resp: 8270
 Ion Ratio Lower Upper
 119 100
 91 70.6 34.6 103.8
 134 20.8 11.4 34.2



#85
 1,2,4-Trimethylbenzene
 Concen: 14.89 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

Tgt Ion:105 Resp: 568619
 Ion Ratio Lower Upper
 105 100
 120 41.0 21.9 65.5

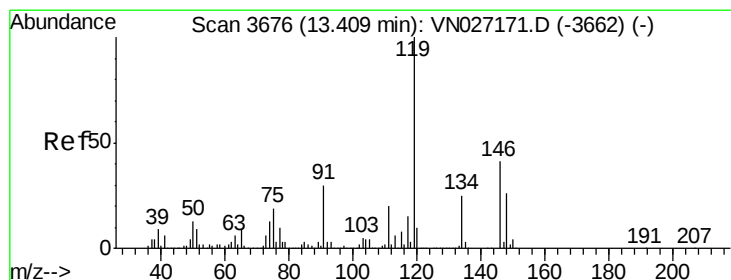
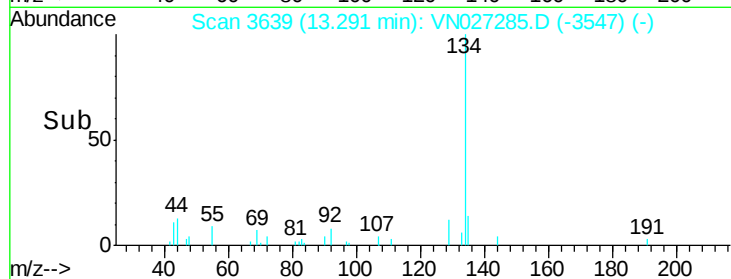
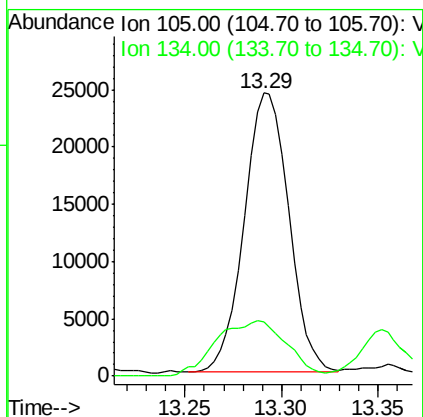
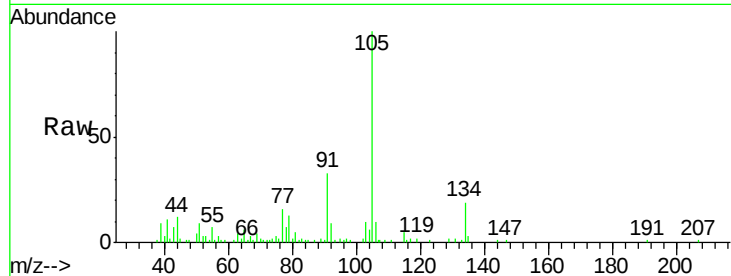




#86
 sec-Butylbenzene
 Concen: 0.85 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

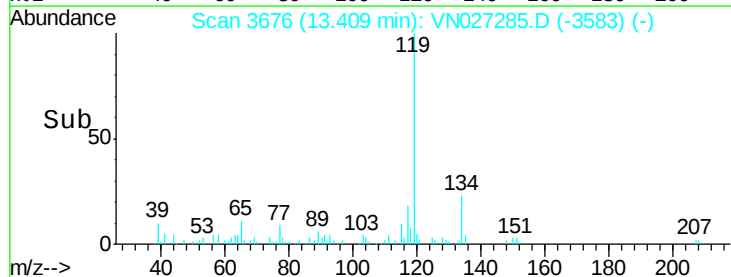
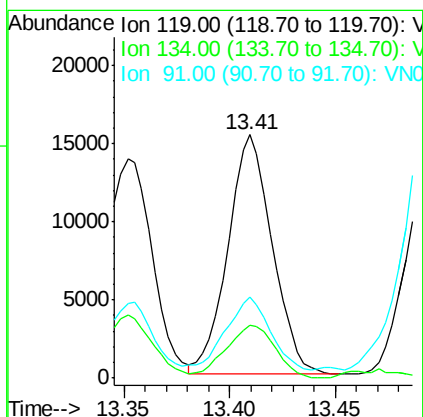
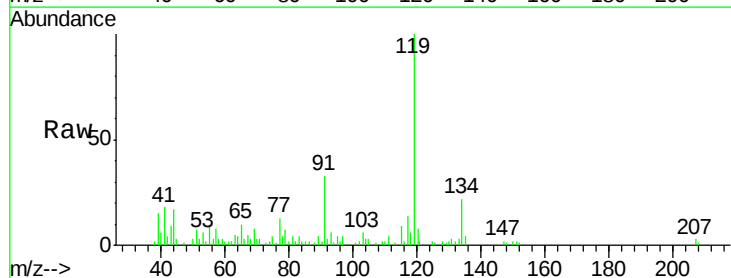
Instrument :
 MSVOA_N
 ClientSampled :
 MW-9

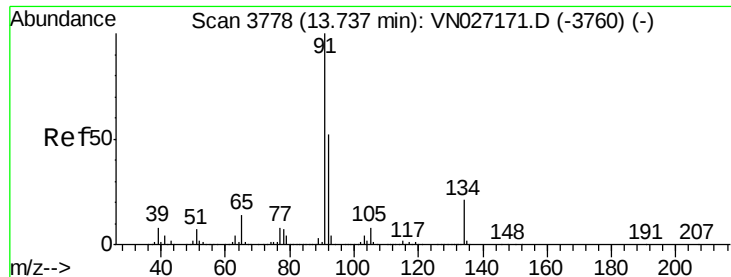
Tgt Ion:105 Resp: 39222
 Ion Ratio Lower Upper
 105 100
 134 31.1 8.8 26.4#



#87
 p-Isopropyltoluene
 Concen: 0.63 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

Tgt Ion:119 Resp: 22318
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.4 37.0
 91 30.5 12.0 36.1

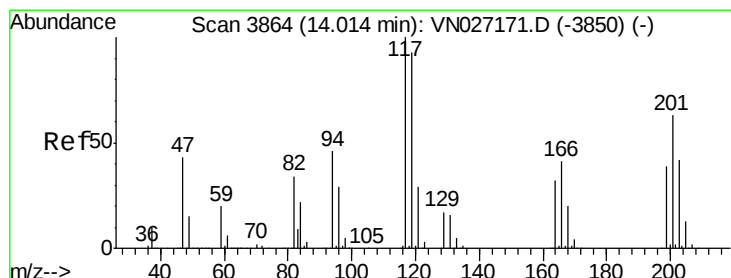
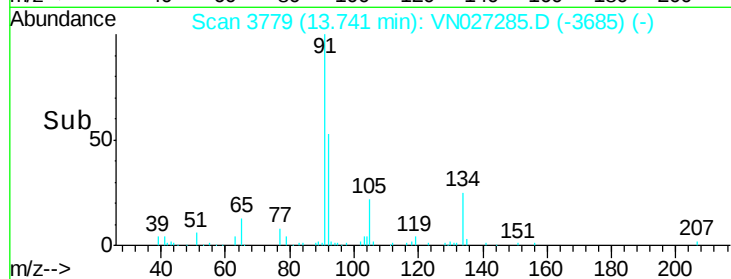
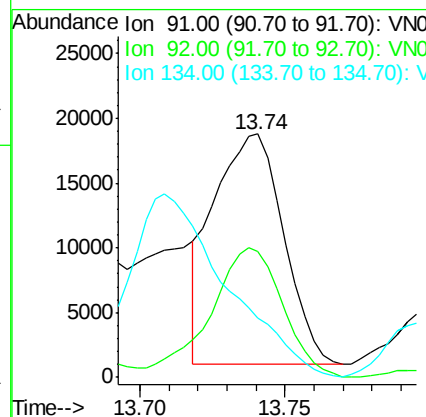
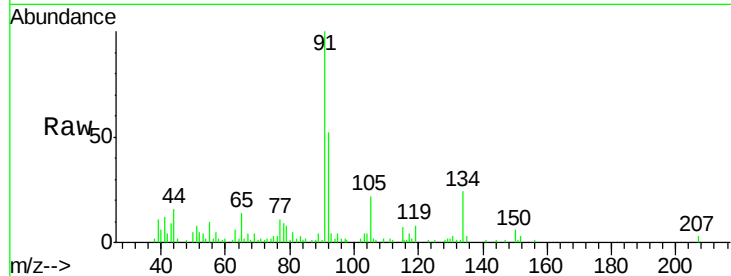




#90
n-Butylbenzene
Concen: 0.86 ug/l
RT: 13.74 min Scan# 3779
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

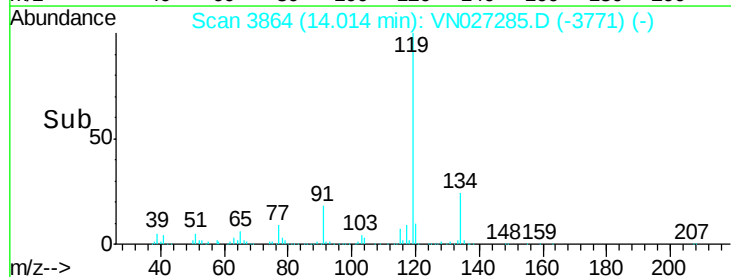
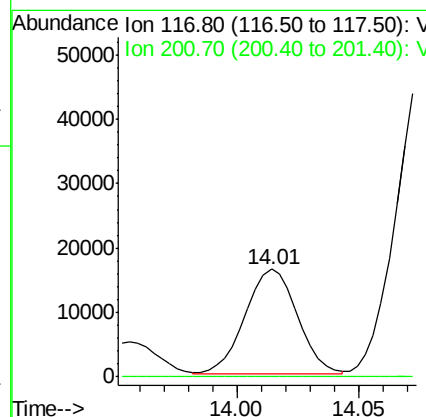
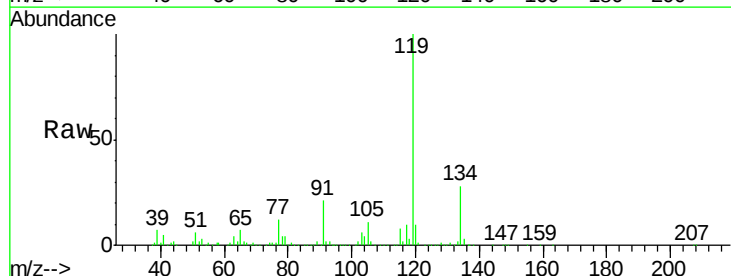
Instrument :
MSVOA_N
ClientSampled :
MW-9

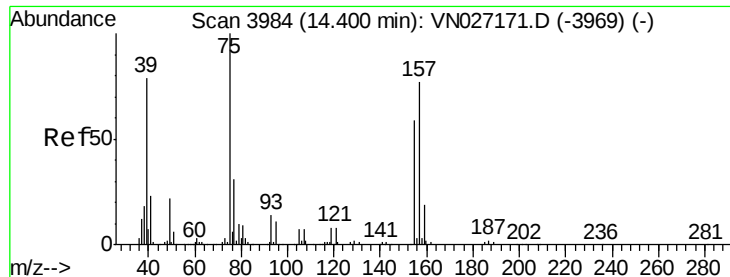
Tgt Ion: 91 Resp: 29668
Ion Ratio Lower Upper
91 100
92 59.1 26.1 78.2
134 0.0 11.1 33.1#



#91
Hexachloroethane
Concen: 3.12 ug/l
RT: 14.01 min Scan# 3864
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion: 117 Resp: 24192
Ion Ratio Lower Upper
117 100
201 0.0 34.9 104.7#





#93

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.43 min Scan# 3993

Delta R.T. 0.03 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampleId :

MW-9

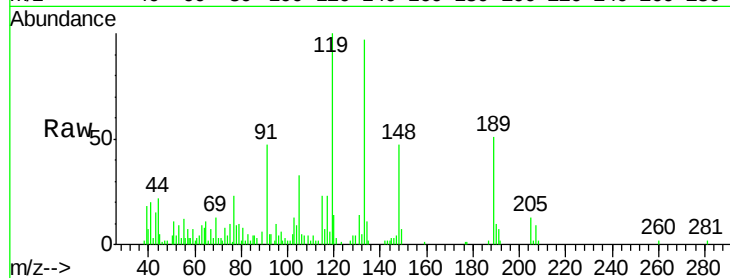
Tgt Ion: 75 Resp: 1319

Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.9#

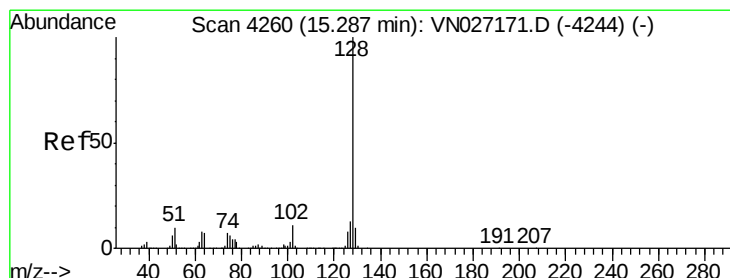
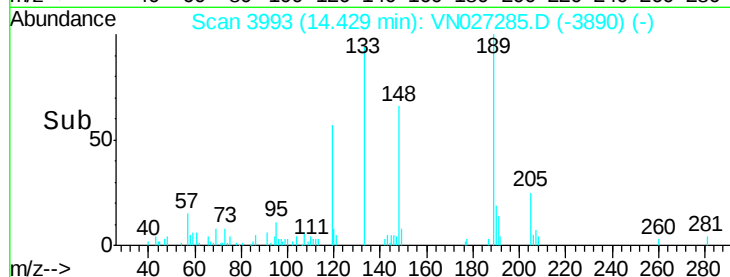
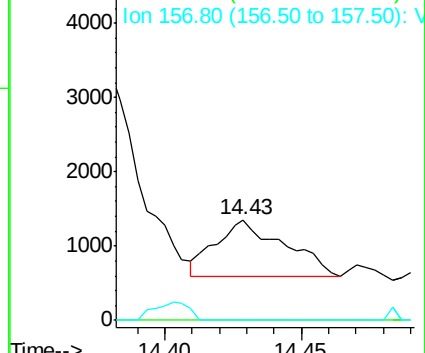
157 0.0 44.6 133.8#



Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-3969) (-)

Ion 154.80 (154.50 to 155.50): VN027171.D (-3969) (-)

Ion 156.80 (156.50 to 157.50): VN027171.D (-3969) (-)



#96

Naphthalene

Concen: 40.64 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

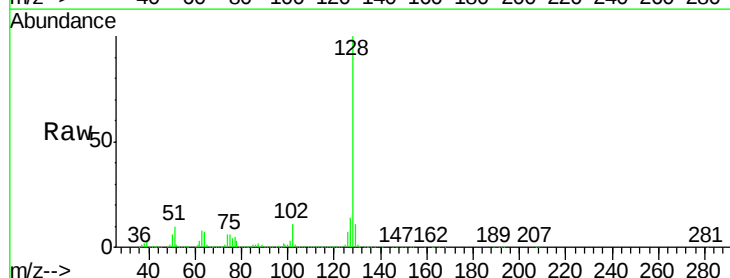
Tgt Ion: 128 Resp: 1010389

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VN027171.D (-4244) (-)

Ion 127.00 (126.70 to 127.70): VN027171.D (-4244) (-)

Ion 129.00 (128.70 to 129.70): VN027171.D (-4244) (-)

