

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027264.D
 Acq On : 17 Sep 2015 19:22
 Operator : MD\FY
 Sample : G3704-12MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Quant Time: Sep 18 01:17:04 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	530873	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1019563	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	863946	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	328316	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	552851	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
36) Dibromofluoromethane	7.68	113	353906	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
51) Toluene-d8	10.19	98	1362031	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
63) 4-Bromofluorobenzene	12.52	95	482898	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.80	85	284749	44.83	ug/l	98
3) Chlorodifluoromethane	1.81	51	353626	48.11	ug/l	94
4) Chloromethane	2.01	50	317711	44.78	ug/l	99
5) Vinyl Chloride	2.14	62	359283	47.89	ug/l	99
6) Bromomethane	2.54	94	127359	35.08	ug/l	100
7) Chloroethane	2.68	64	236716	46.42	ug/l	99
8) Trichlorofluoromethane	3.02	101	528697	46.65	ug/l	99
9) Diethyl Ether	3.42	74	243639	46.72	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	328975	46.22	ug/l	96
11) Methyl Iodide	3.99	142	243420	35.19	ug/l	92
12) Tert butyl alcohol	4.80	59	249730	234.79	ug/l	100
13) 1,1-Dichloroethene	3.77	96	317417	46.57	ug/l	93
14) Acrolein	3.62	56	289548	231.73	ug/l	97
15) Allyl chloride	4.37	41	623070	45.25	ug/l	# 83
16) Acrylonitrile	5.02	53	847218	243.58	ug/l	98
17) Acetone	3.82	43	659382	224.84	ug/l	98
18) Carbon Disulfide	4.11	76	956645	43.10	ug/l	100
19) Methyl Acetate	4.36	43	995482	46.87	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	1268371	46.35	ug/l	96
21) Methylene Chloride	4.60	84	386143	47.27	ug/l	99
22) trans-1,2-Dichloroethene	5.12	96	342298	46.43	ug/l	95
23) Diisopropyl ether	6.03	45	1348100	46.67	ug/l	# 88
24) Vinyl Acetate	5.97	43	2228522	233.09	ug/l	98
25) 1,1-Dichloroethane	5.93	63	778465	46.39	ug/l	99
26) 2-Butanone	6.91	43	1038569	235.17	ug/l	95
27) 2,2-Dichloropropane	6.92	77	639790	43.94	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	415734	49.17	ug/l	99
29) Bromochloromethane	7.29	49	320900	49.27	ug/l	96
30) Tetrahydrofuran	7.31	42	668255	219.56	ug/l	89
31) Chloroform	7.46	83	745900	49.20	ug/l	98
32) Cyclohexane	7.77	56	722095	48.31	ug/l	95
33) 1,1,1-Trichloroethane	7.67	97	644378	47.66	ug/l	96
37) 1,1-Dichloropropene	7.89	75	555070	46.51	ug/l	99
38) Ethyl Acetate	7.02	43	465060	45.74	ug/l	99

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 MW-12-9-15-15MS

Quant Time: Sep 18 01:17:04 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)
39) Carbon Tetrachloride	7.88	117	524525	46.75	ug/l	99
40) Methylcyclohexane	9.19	83	659933	45.41	ug/l	97
41) Benzene	8.14	78	1630887	46.83	ug/l	99
42) Methacrylonitrile	7.24	41	274299	47.54	ug/l	92
43) 1,2-Dichloroethane	8.22	62	651817	46.46	ug/l	95
44) Isopropyl Acetate	8.25	43	865231	45.37	ug/l	98
45) Trichloroethene	8.93	130	330454	47.25	ug/l	94
46) 1,2-Dichloropropane	9.22	63	458137	45.73	ug/l	98
47) Dibromomethane	9.30	93	270421	45.97	ug/l	94
48) Bromodichloromethane	9.49	83	579840	46.77	ug/l	100
49) Methyl methacrylate	9.29	41	428231	45.07	ug/l #	87
50) 1,4-Dioxane	9.30	88	100147	898.63	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	2305471	228.63	ug/l	99
53) Toluene	10.26	92	952449	46.69	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	630031	45.26	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	680148	44.91	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	367016	47.88	ug/l	97
57) Ethyl methacrylate	10.52	69	596281	46.16	ug/l #	89
58) 1,3-Dichloropropane	10.80	76	671909	47.22	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.82	63	3784	0.64	ug/l #	54
60) 2-Hexanone	10.84	43	1548955	225.61	ug/l	100
61) Dibromochloromethane	11.00	129	360437	46.04	ug/l	100
62) 1,2-Dibromoethane	11.11	107	352429	46.78	ug/l	99
65) Tetrachloroethene	10.74	164	255428	46.23	ug/l	94
66) Chlorobenzene	11.54	112	949046	46.53	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	328343	47.19	ug/l	98
68) Ethyl Benzene	11.62	91	1812075	46.85	ug/l	100
69) m/p-Xylenes	11.73	106	1255050	94.05	ug/l	91
70) o-Xylene	12.06	106	620621	46.39	ug/l	90
71) Styrene	12.07	104	1026360	47.53	ug/l	95
72) Bromoform	12.24	173	224059	46.31	ug/l #	98
74) Isopropylbenzene	12.36	105	1684730	46.57	ug/l	98
75) N-amyl acetate	12.17	43	734371	45.48	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	476304	51.07	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	671437	67.67	ug/l	52
78) Bromobenzene	12.64	156	329655	46.46	ug/l	94
79) n-propylbenzene	12.71	91	1997956	46.94	ug/l	98
80) 2-Chlorotoluene	12.79	91	1196152	46.80	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1348829	46.40	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	170934	42.31	ug/l	91
83) 4-Chlorotoluene	12.89	91	1193579	47.53	ug/l	96
84) tert-Butylbenzene	13.11	119	1085739	45.28	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1367091	46.83	ug/l	95
86) sec-Butylbenzene	13.29	105	1635546	46.56	ug/l	99
87) p-Isopropyltoluene	13.41	119	1247310	46.10	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	577777	47.59	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	561765	45.69	ug/l	95
90) n-Butylbenzene	13.74	91	1238996	47.19	ug/l	98
91) Hexachloroethane	14.01	117	264554	44.68	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	579072	48.27	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

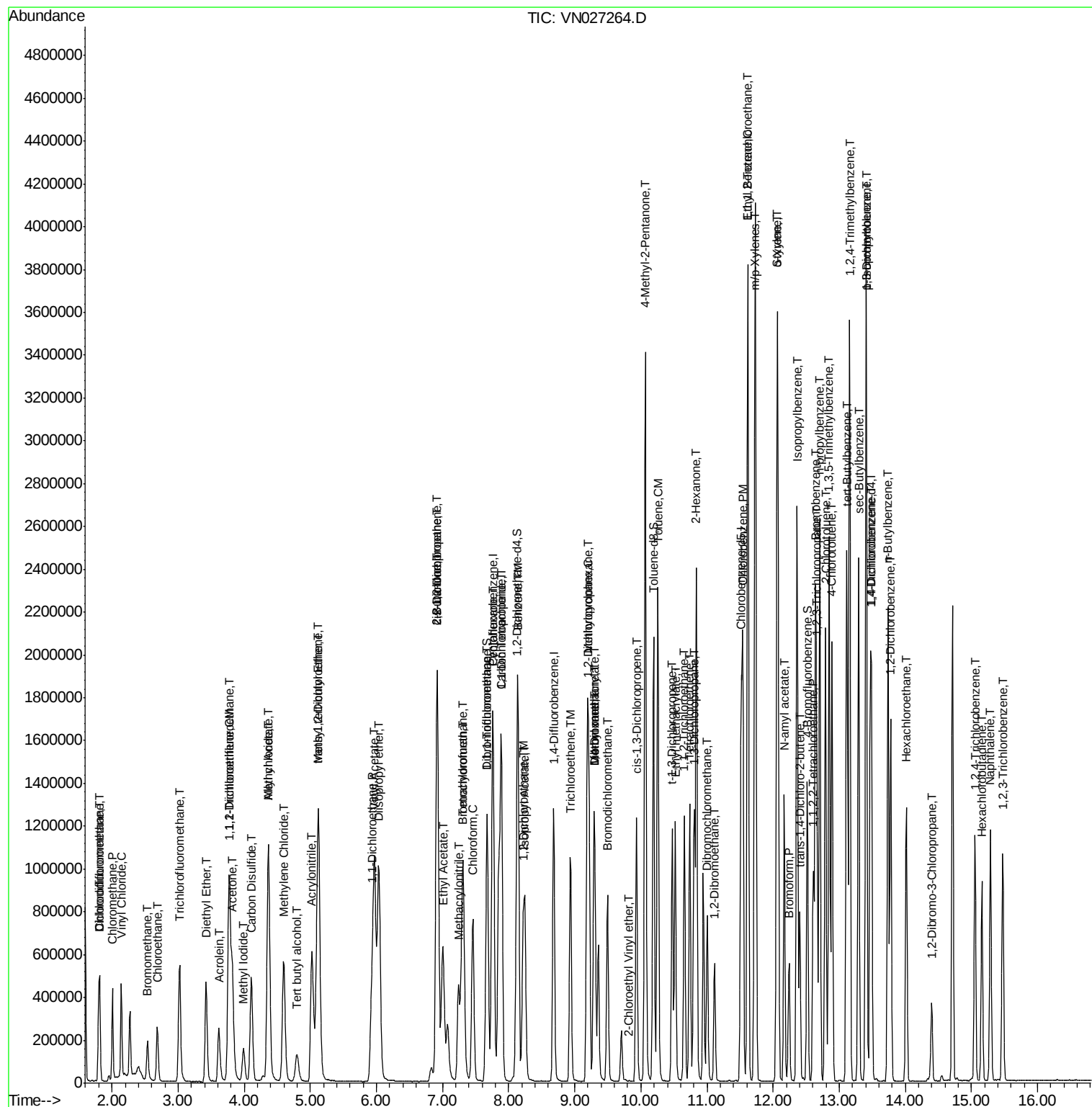
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	95529	46.13	ug/l	87
94) 1,2,4-Trichlorobenzene	15.05	180	314090	48.46	ug/l	98
95) Hexachlorobutadiene	15.16	225	155313	45.50	ug/l	99
96) Naphthalene	15.29	128	905468	47.66	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	306090	47.51	ug/l	98

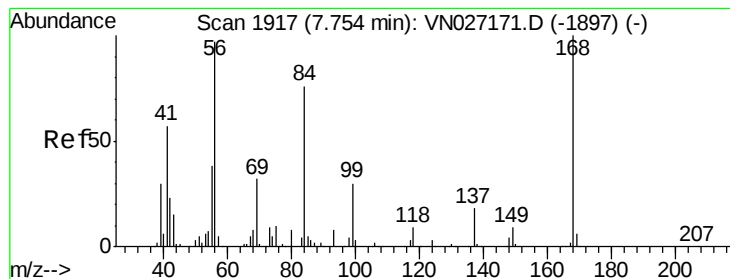
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

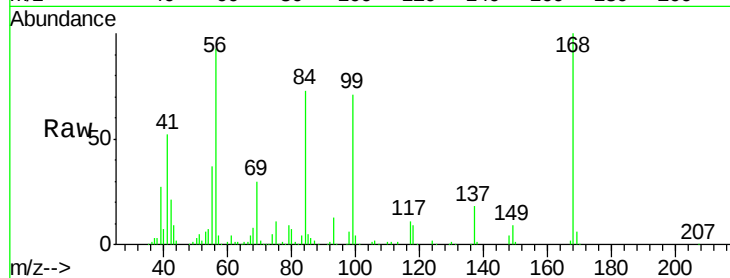
MW-12-9-15-15MS

Tgt Ion:168 Resp: 530873

Ion Ratio Lower Upper

168 100

99 70.3 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

250000

200000

150000

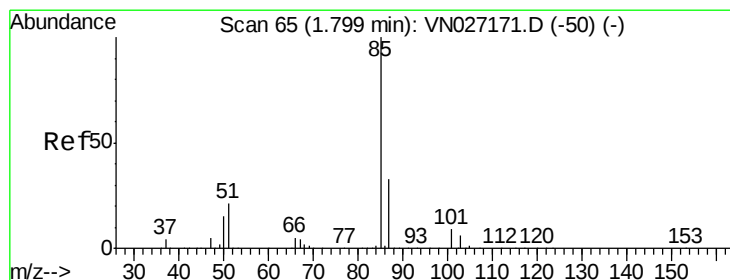
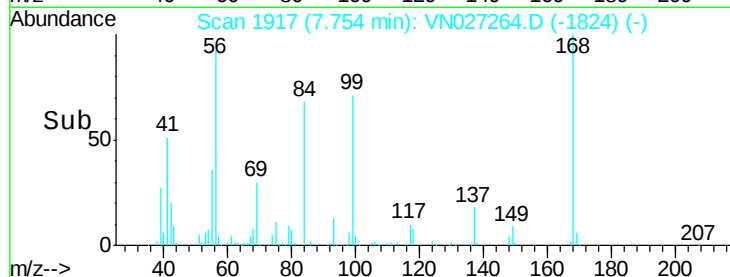
100000

50000

0

7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.83 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027264.D

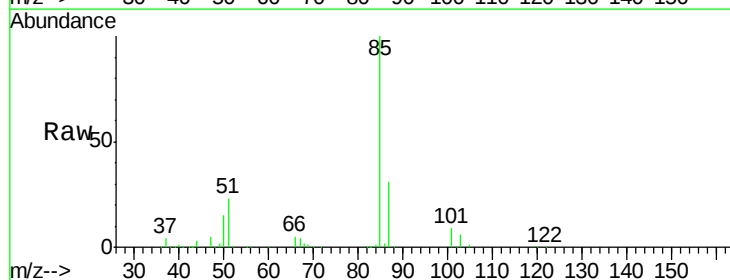
Acq: 17 Sep 2015 19:22

Tgt Ion: 85 Resp: 284749

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.80

200000

150000

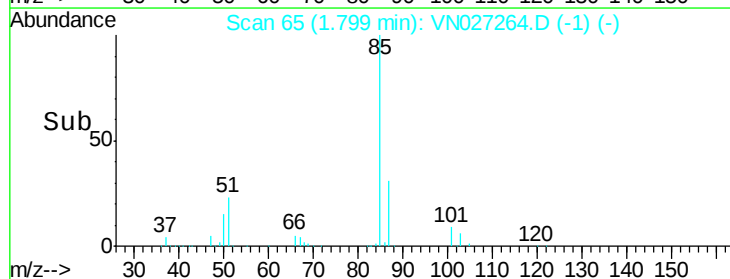
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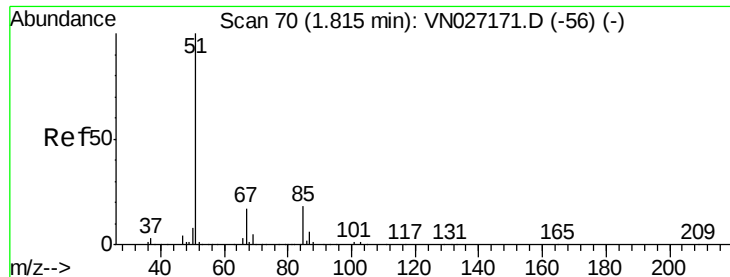
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chlorodifluoromethane

Concen: 48.11 ug/l

RT: 1.81 min Scan# 70

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

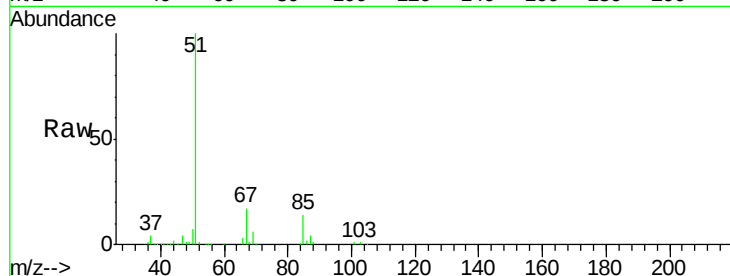
MW-12-9-15-15MS

Tgt Ion: 51 Resp: 353626

Ion Ratio Lower Upper

51 100

67 17.8 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

1.81

250000

200000

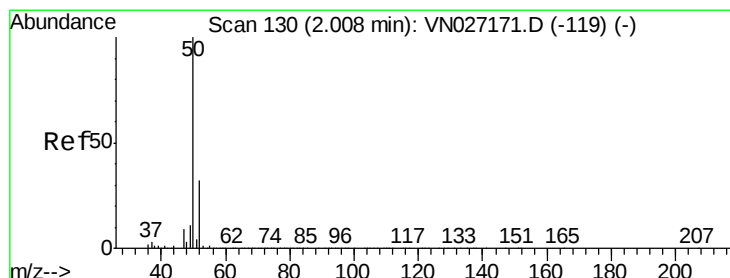
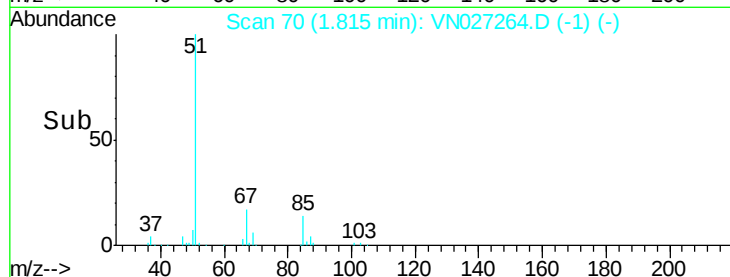
150000

100000

50000

0

Time-->



#4

Chloromethane

Concen: 44.78 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027264.D

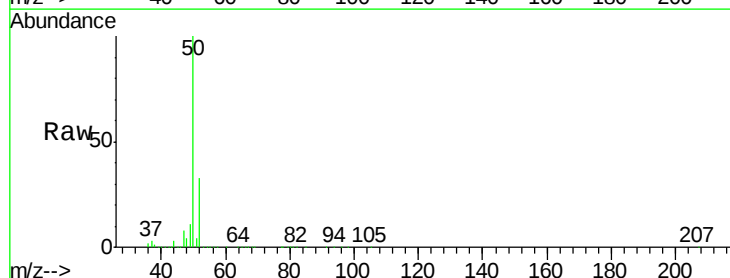
Acq: 17 Sep 2015 19:22

Tgt Ion: 50 Resp: 317711

Ion Ratio Lower Upper

50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.01

300000

250000

200000

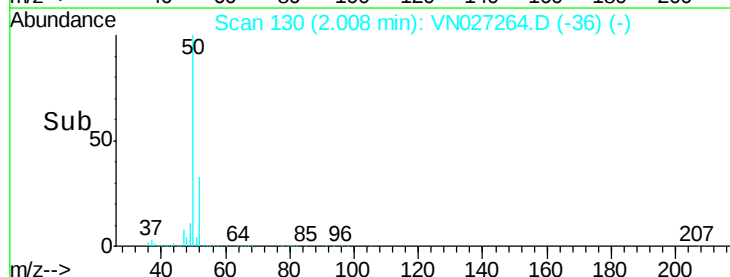
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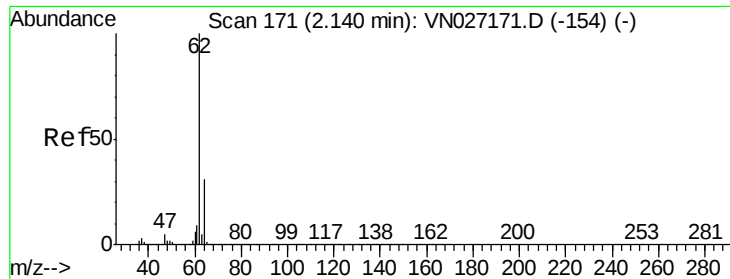
100000

50000

0

Time-->





#5

Vinyl Chloride

Concen: 47.89 ug/l

RT: 2.14 min Scan# 171

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

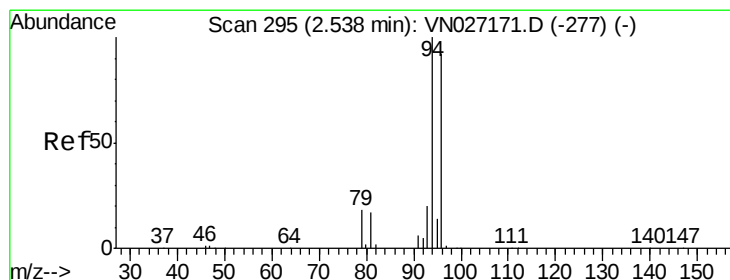
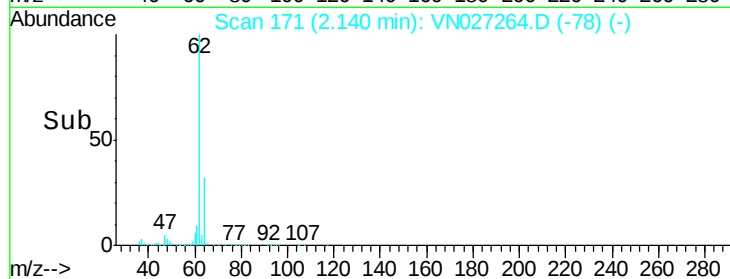
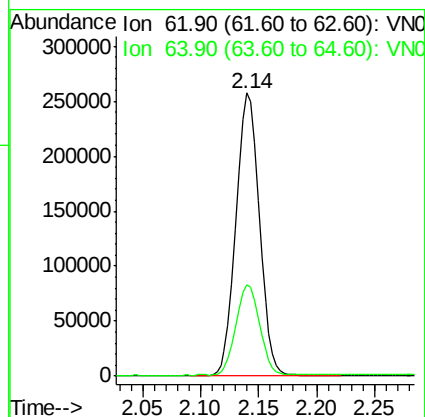
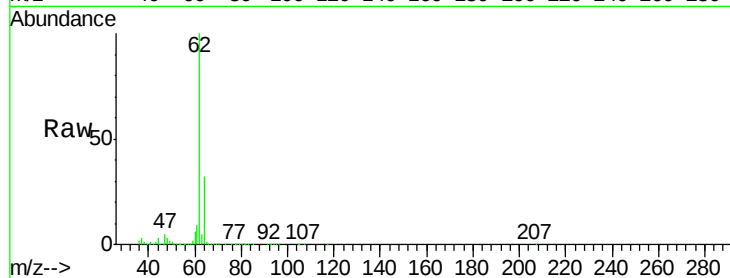
MW-12-9-15-15MS

Tgt Ion: 62 Resp: 359283

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9



#6

Bromomethane

Concen: 35.08 ug/l

RT: 2.54 min Scan# 294

Delta R.T. -0.00 min

Lab File: VN027264.D

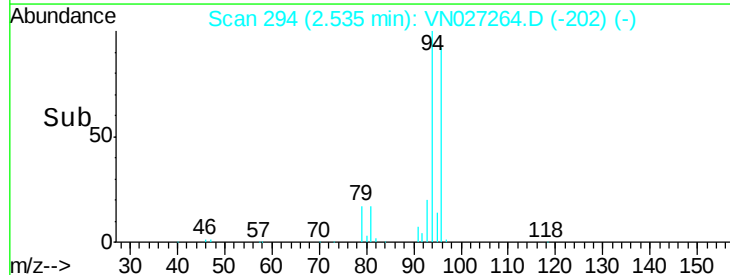
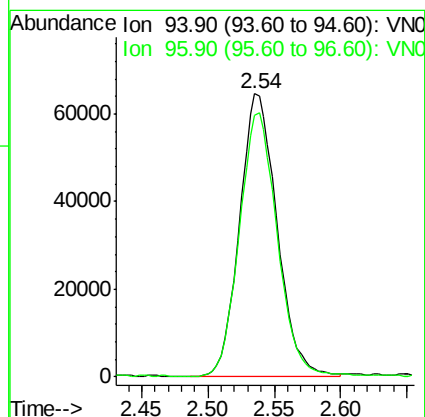
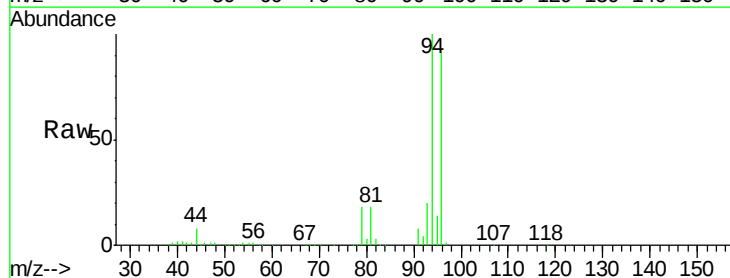
Acq: 17 Sep 2015 19:22

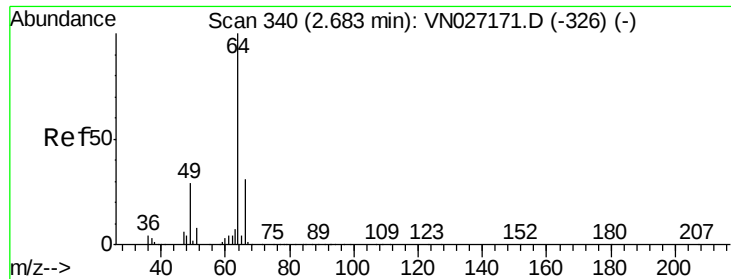
Tgt Ion: 94 Resp: 127359

Ion Ratio Lower Upper

94 100

96 92.0 73.4 110.2





#7

Chloroethane

Concen: 46.42 ug/l

RT: 2.68 min Scan# 340

Delta R.T. -0.00 min

Lab File: VN027264.D

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ClientSampleId :

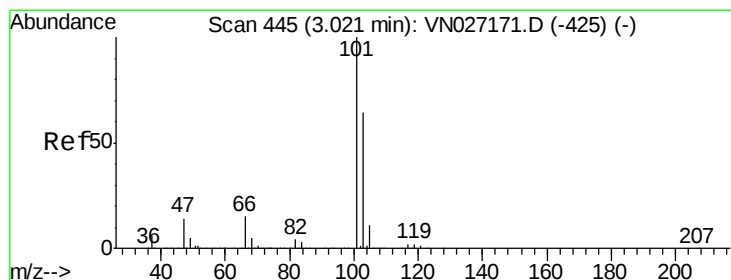
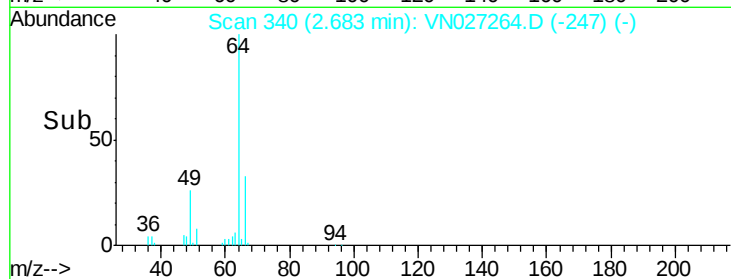
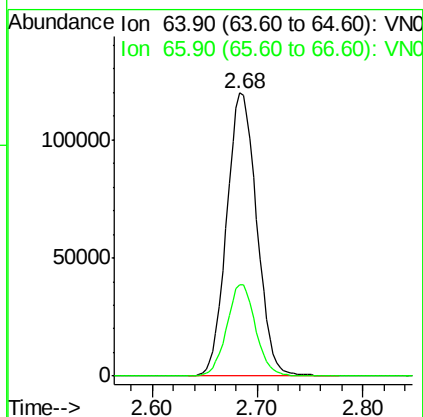
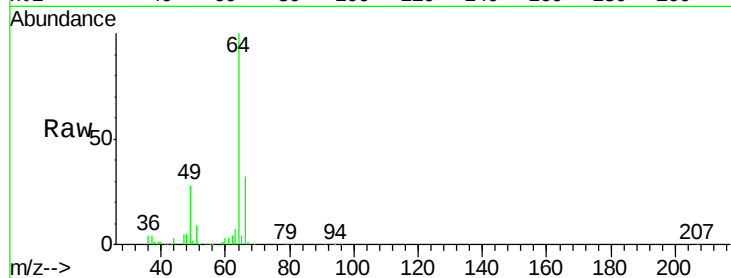
MW-12-9-15-15MS

Tgt Ion: 64 Resp: 236716

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



#8

Trichlorofluoromethane

Concen: 46.65 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027264.D

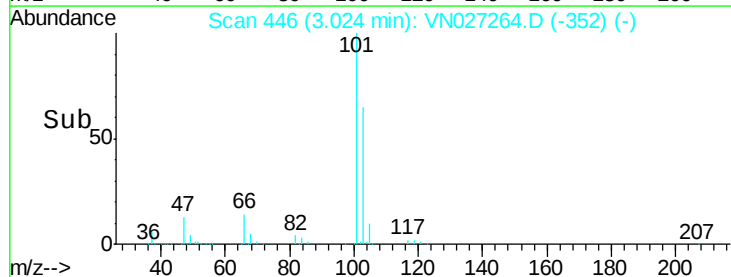
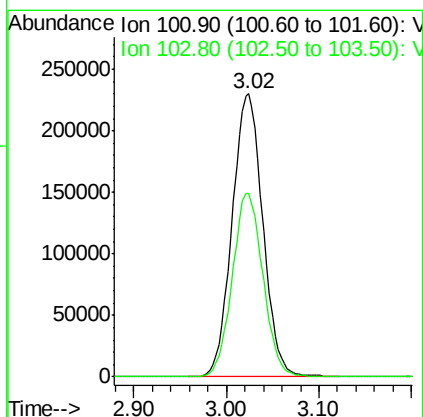
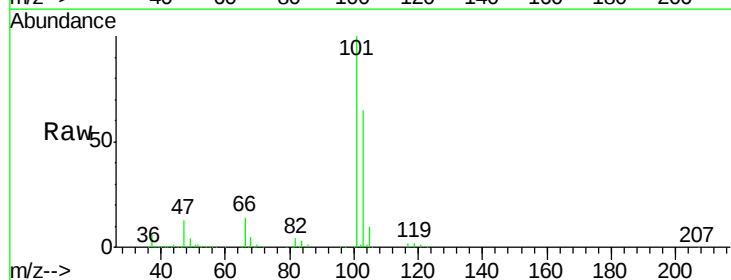
Acq: 17 Sep 2015 19:22

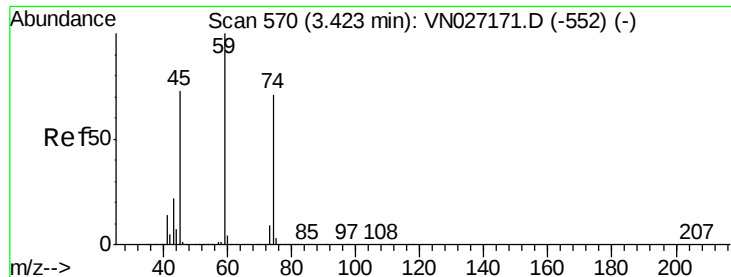
Tgt Ion: 101 Resp: 528697

Ion Ratio Lower Upper

101 100

103 64.7 52.6 79.0





#9

Diethyl Ether

Concen: 46.72 ug/l

RT: 3.42 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

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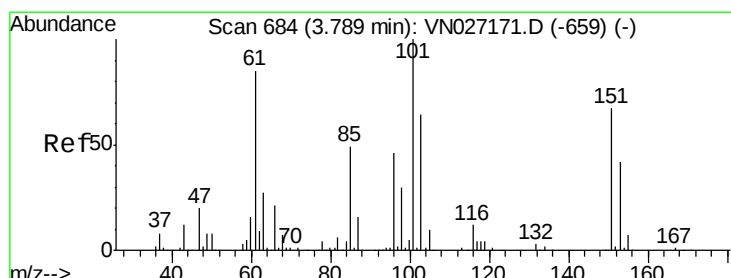
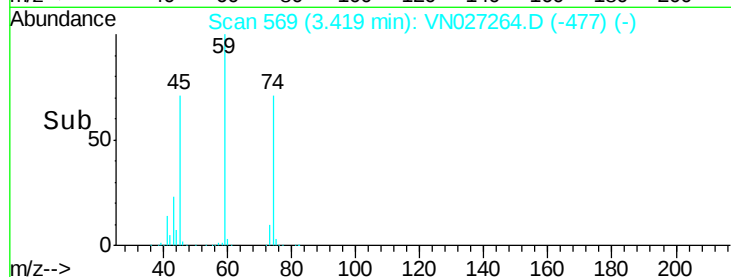
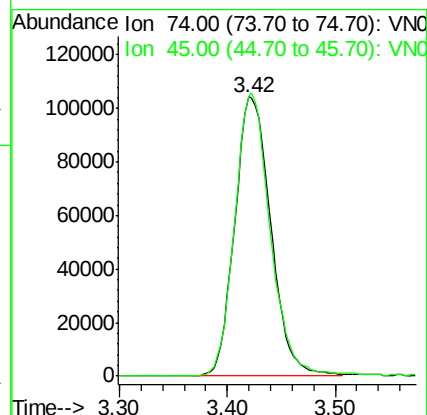
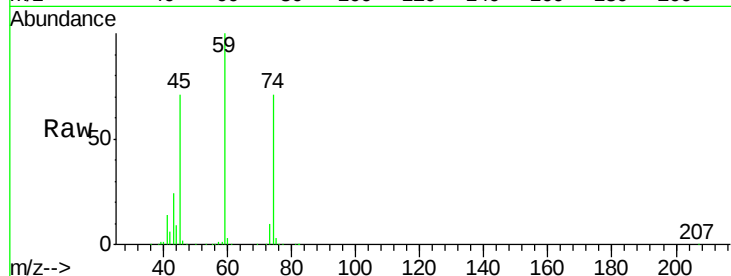
MW-12-9-15-15MS

Tgt Ion: 74 Resp: 243639

Ion Ratio Lower Upper

74 100

45 99.4 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 46.22 ug/l

RT: 3.79 min Scan# 684

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

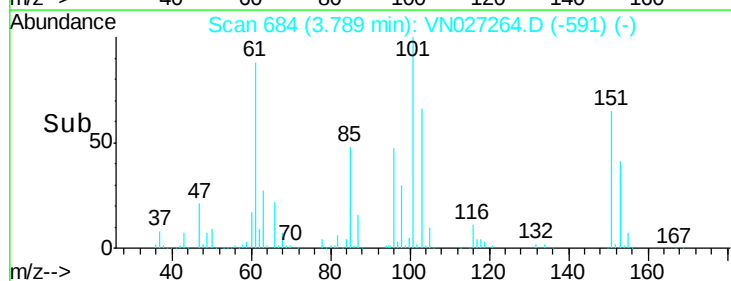
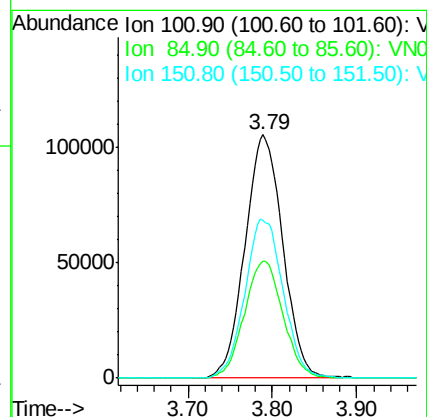
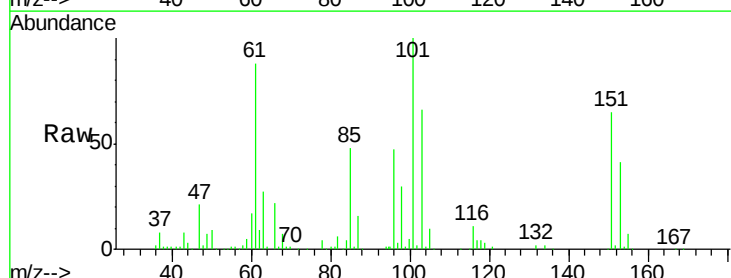
Tgt Ion: 101 Resp: 328975

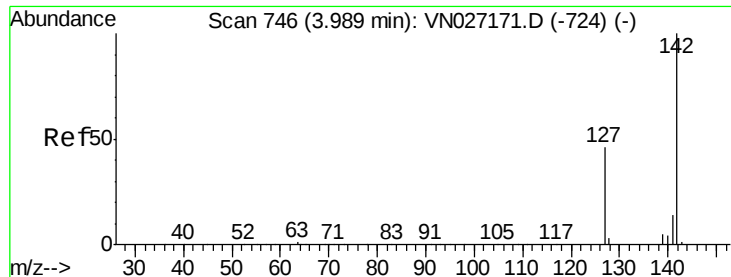
Ion Ratio Lower Upper

101 100

85 49.1 37.4 56.0

151 66.0 55.9 83.9

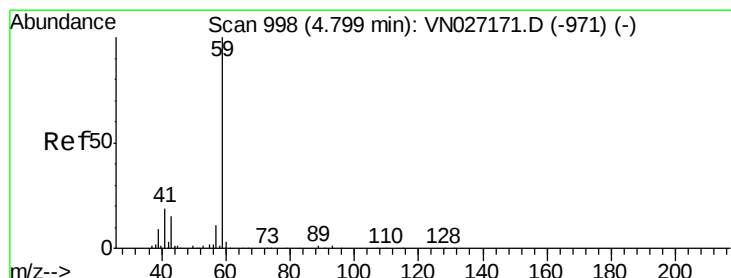
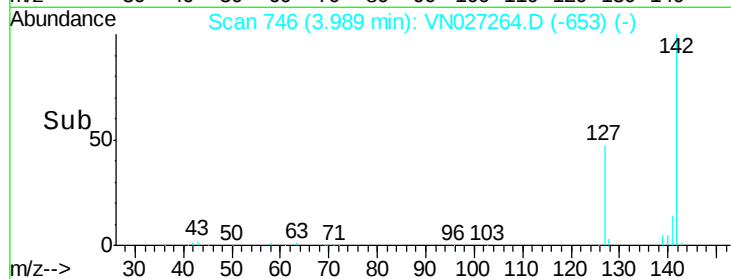
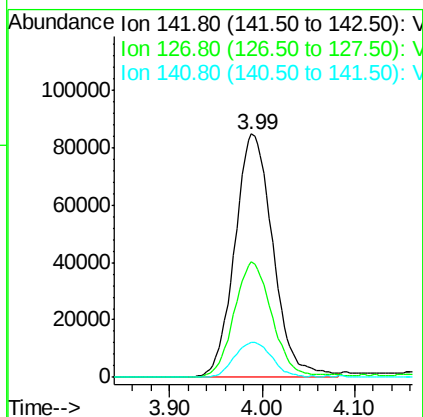
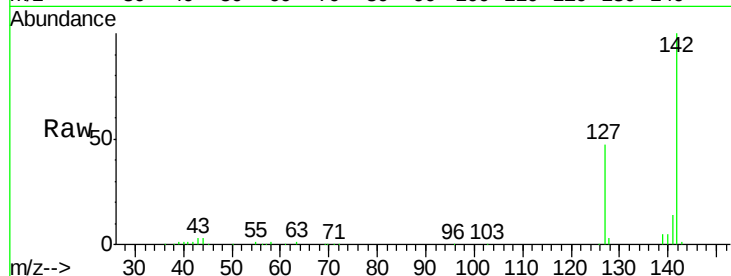




#11
Methyl Iodide
Concen: 35.19 ug/l
RT: 3.99 min Scan# 746
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

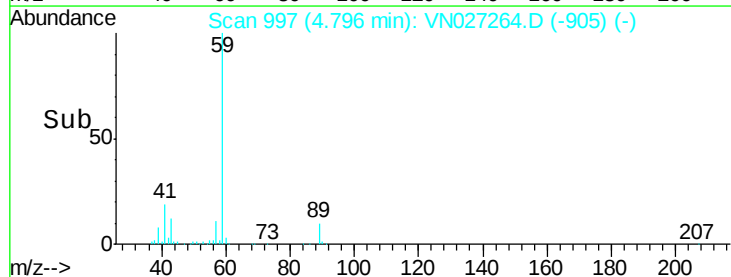
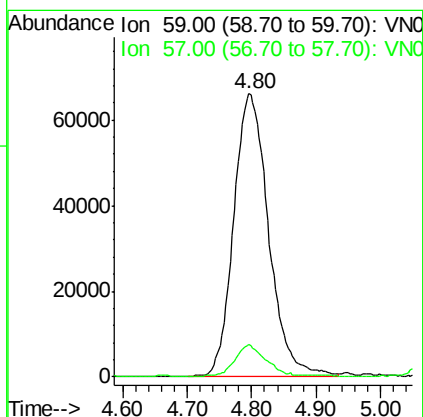
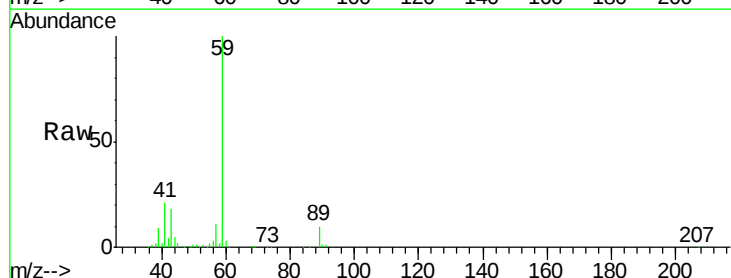
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

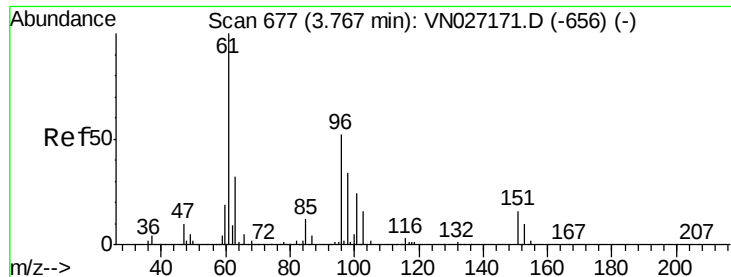
Tgt Ion: 142 Resp: 243420
Ion Ratio Lower Upper
142 100
127 46.8 32.3 48.5
141 14.2 11.2 16.8



#12
Tert butyl alcohol
Concen: 234.79 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 59 Resp: 249730
Ion Ratio Lower Upper
59 100
57 9.6 7.6 11.4





#13

1,1-Dichloroethene

Concen: 46.57 ug/l

RT: 3.77 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

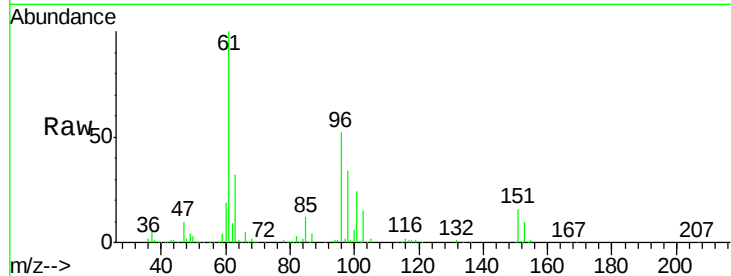
Tgt Ion: 96 Resp: 317417

Ion Ratio Lower Upper

96 100

61 192.0 143.8 215.8

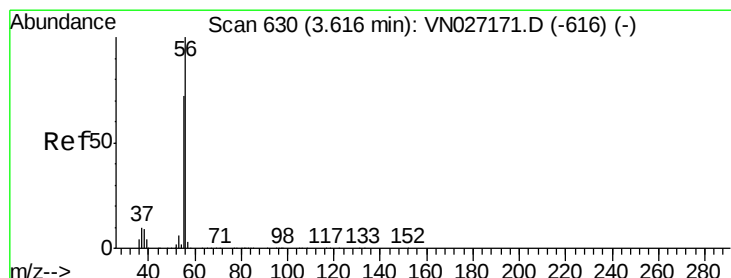
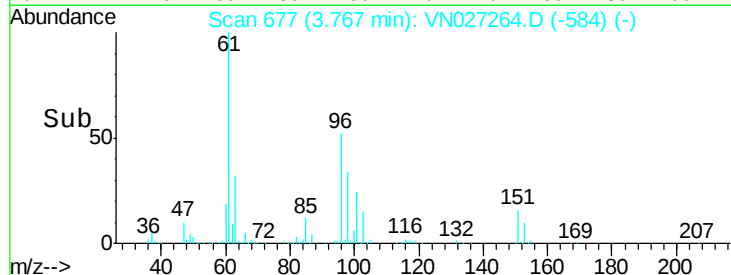
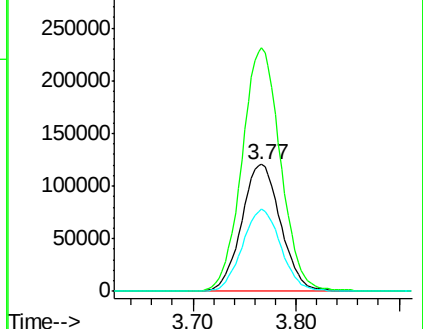
98 64.4 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#14

Acrolein

Concen: 231.73 ug/l

RT: 3.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VN027264.D

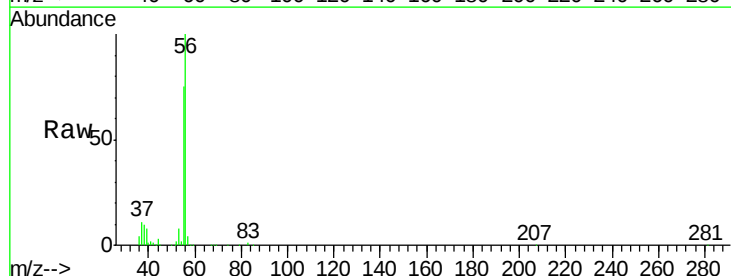
Acq: 17 Sep 2015 19:22

Tgt Ion: 56 Resp: 289548

Ion Ratio Lower Upper

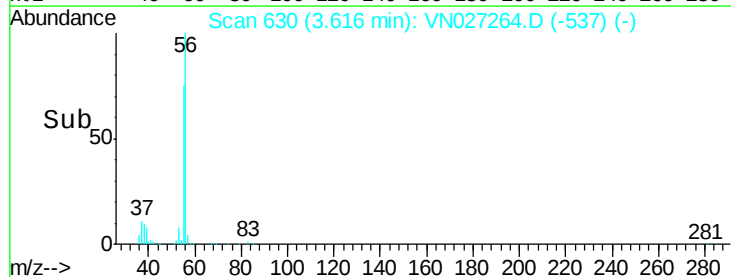
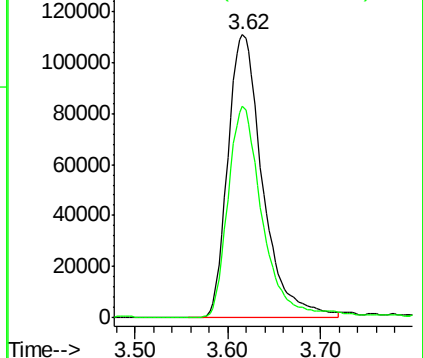
56 100

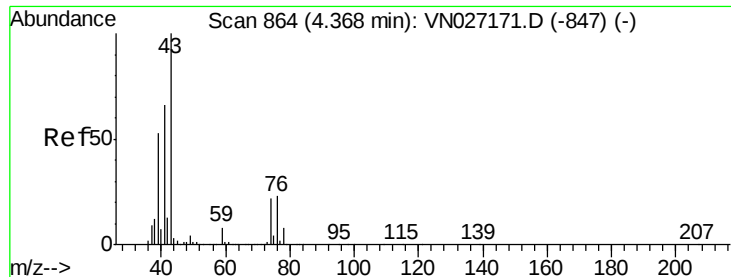
55 72.0 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

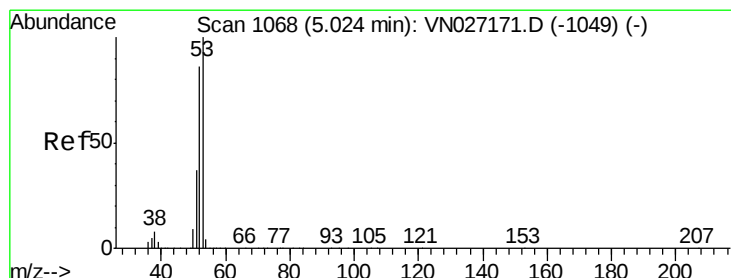
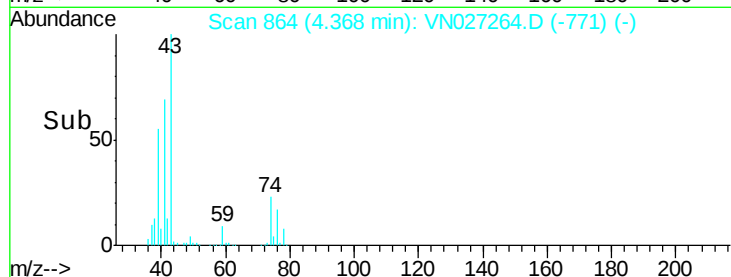
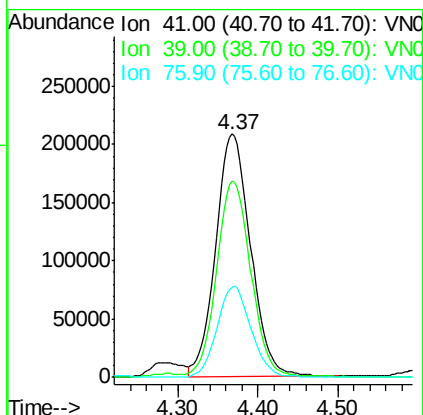
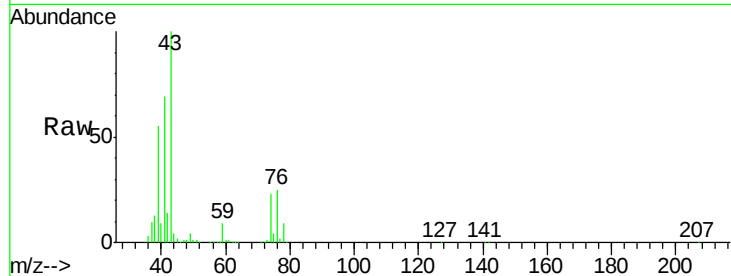




#15
 Allyl chloride
 Concen: 45.25 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

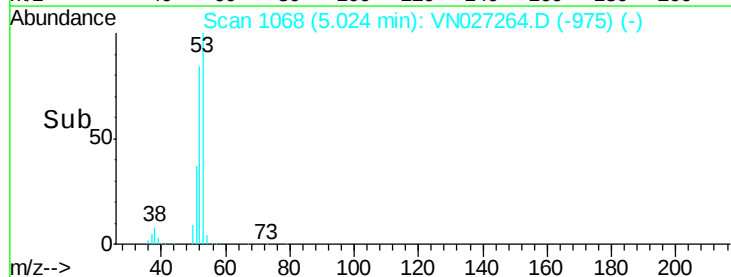
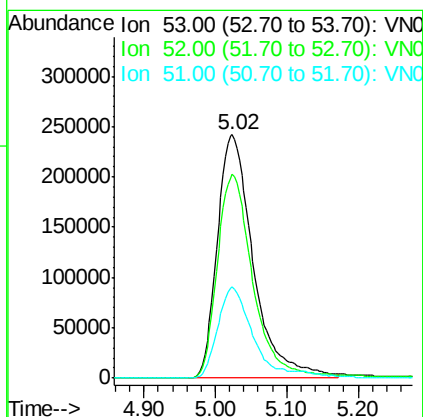
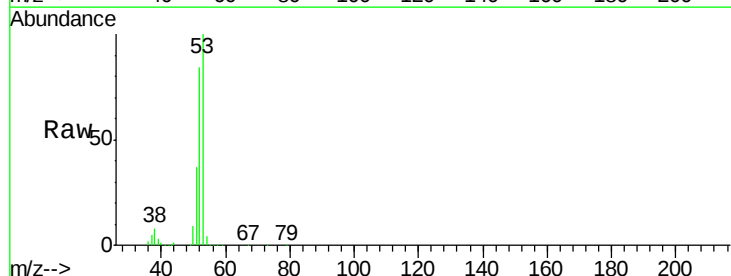
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

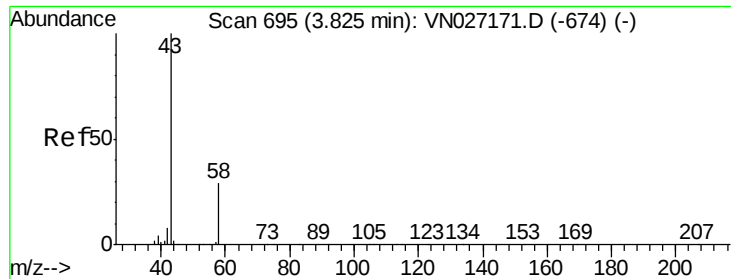
Tgt Ion: 41 Resp: 623070
 Ion Ratio Lower Upper
 41 100
 39 78.6 49.7 74.5#
 76 35.8 24.8 37.2



#16
 Acrylonitrile
 Concen: 243.58 ug/l
 RT: 5.02 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion: 53 Resp: 847218
 Ion Ratio Lower Upper
 53 100
 52 82.0 66.9 100.3
 51 35.5 27.4 41.0





#17

Acetone

Concen: 224.84 ug/l

RT: 3.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

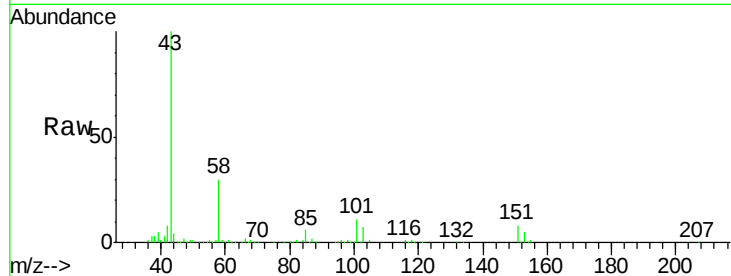
MW-12-9-15-15MS

Tgt Ion: 43 Resp: 659382

Ion Ratio Lower Upper

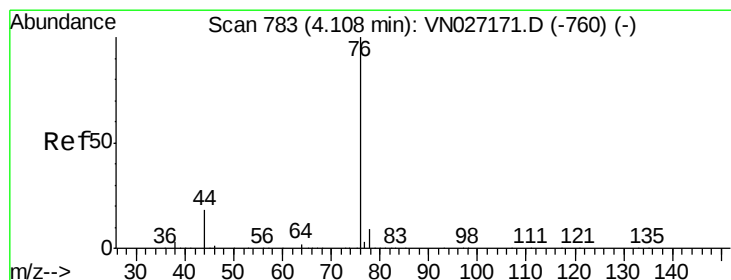
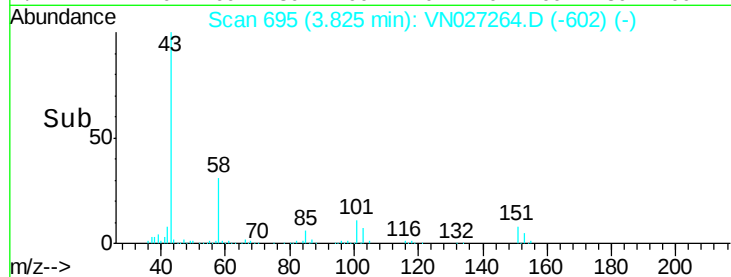
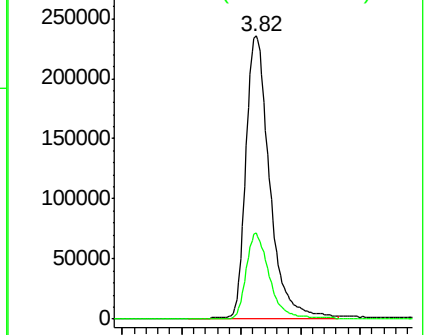
43 100

58 30.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 43.10 ug/l

RT: 4.11 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN027264.D

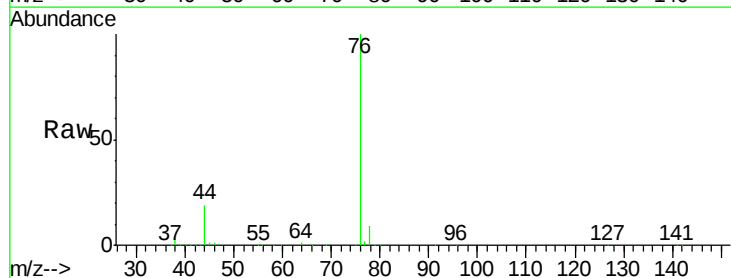
Acq: 17 Sep 2015 19:22

Tgt Ion: 76 Resp: 956645

Ion Ratio Lower Upper

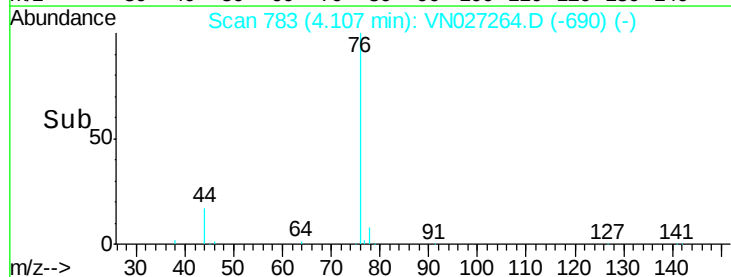
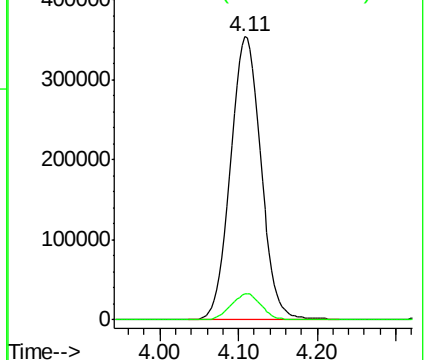
76 100

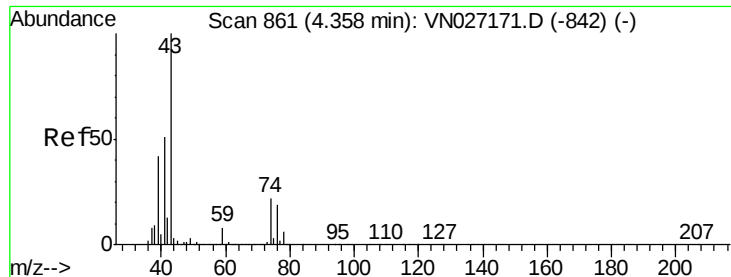
78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

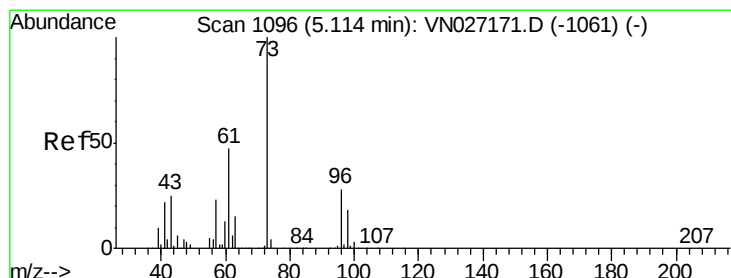
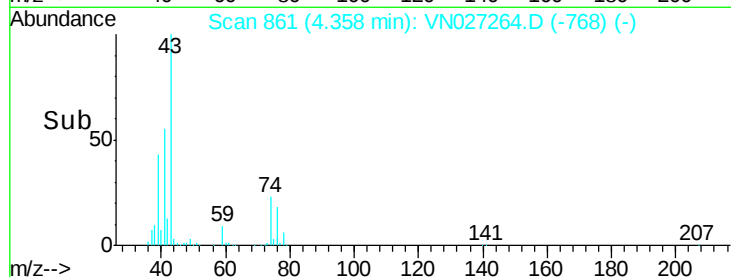
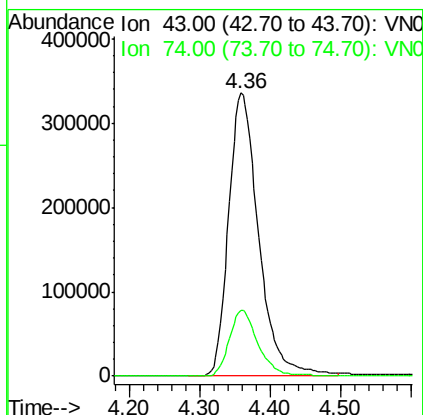
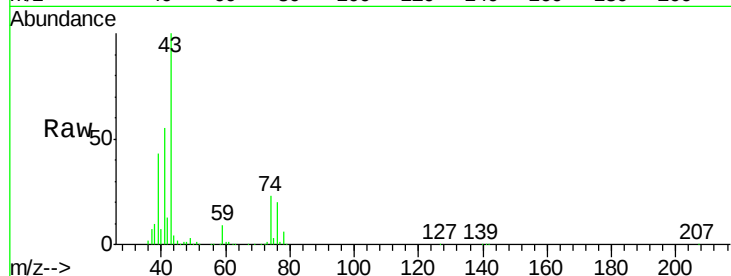




#19
Methyl Acetate
Concen: 46.87 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

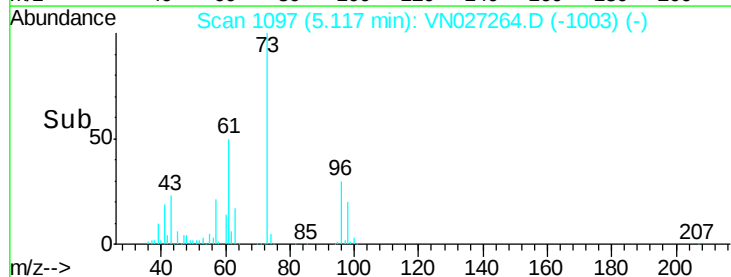
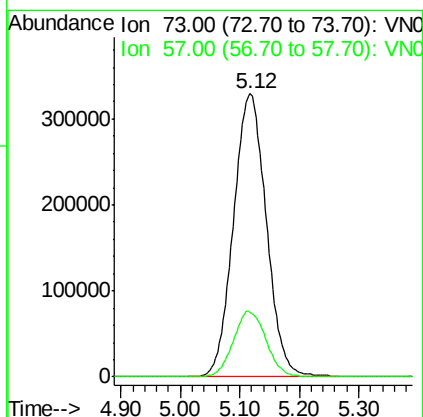
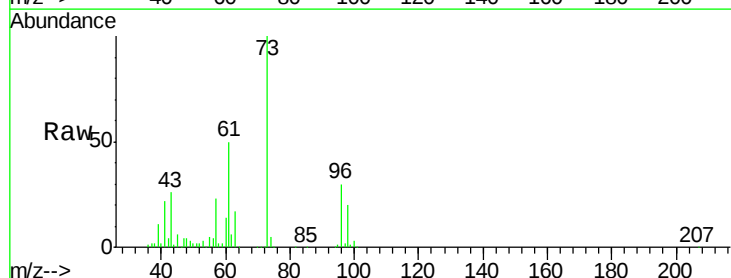
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

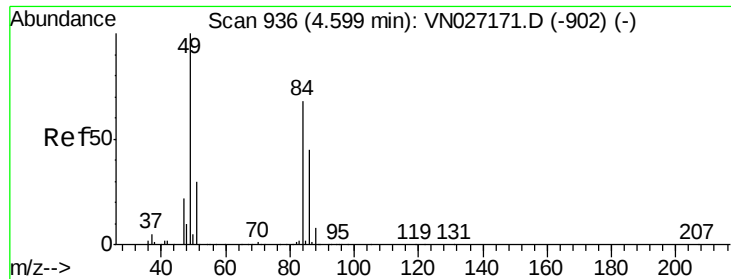
Tgt Ion: 43 Resp: 995482
Ion Ratio Lower Upper
43 100
74 22.6 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 46.35 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 73 Resp: 1268371
Ion Ratio Lower Upper
73 100
57 22.7 19.8 29.6

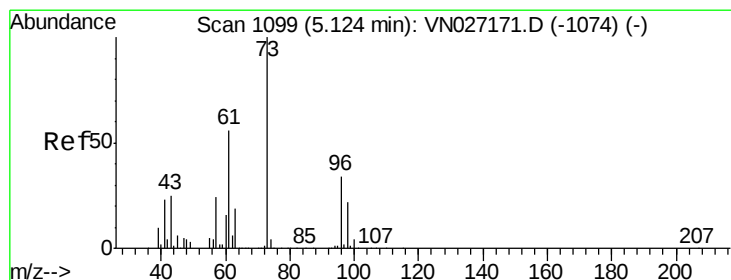
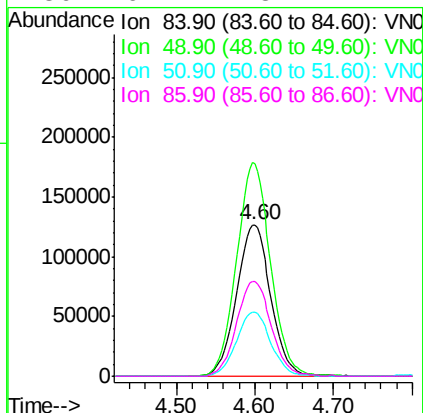
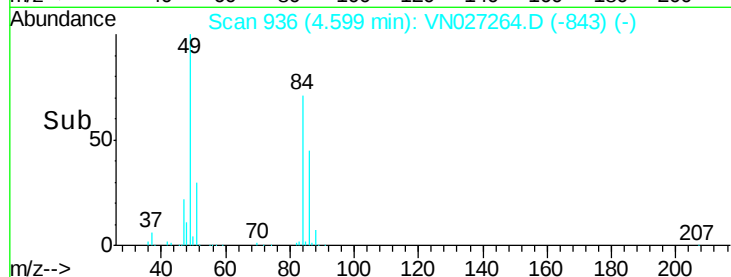
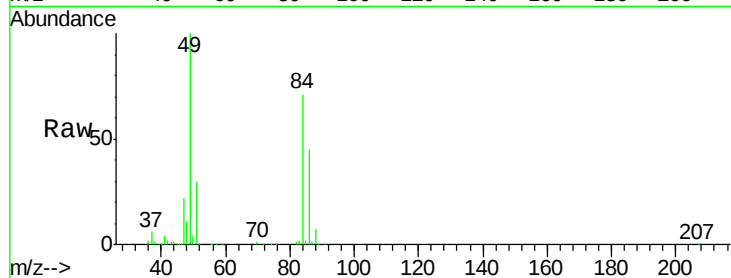




#21
Methylene Chloride
Concen: 47.27 ug/l
RT: 4.60 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

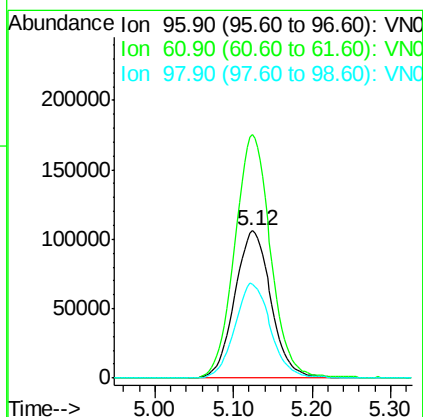
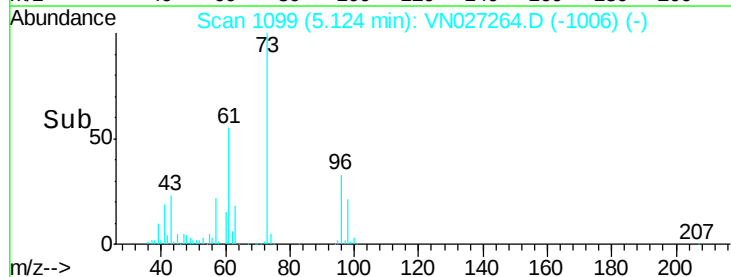
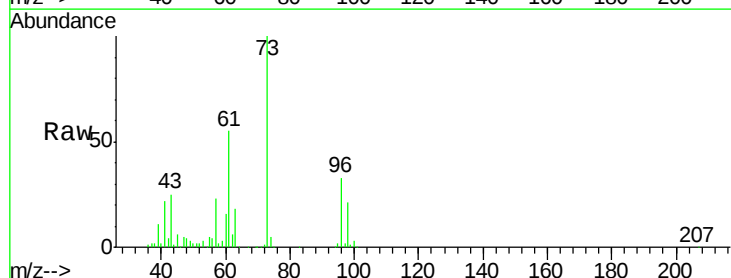
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

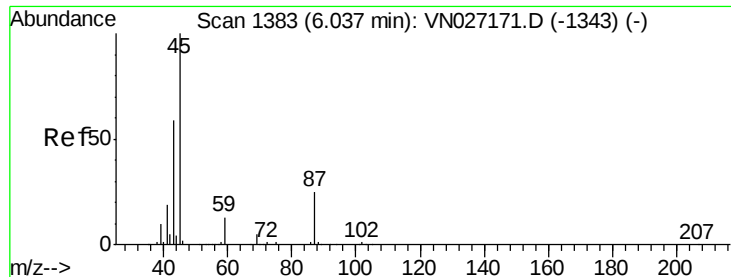
Tgt Ion: 84 Resp: 386143
Ion Ratio Lower Upper
84 100
49 140.3 112.3 168.5
51 42.1 33.8 50.8
86 62.7 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 46.43 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 96 Resp: 342298
Ion Ratio Lower Upper
96 100
61 165.0 126.6 189.8
98 64.0 47.4 71.2

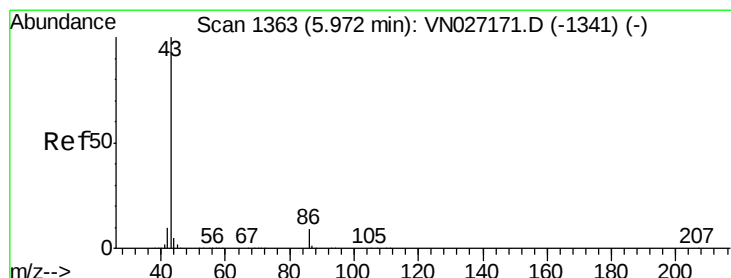
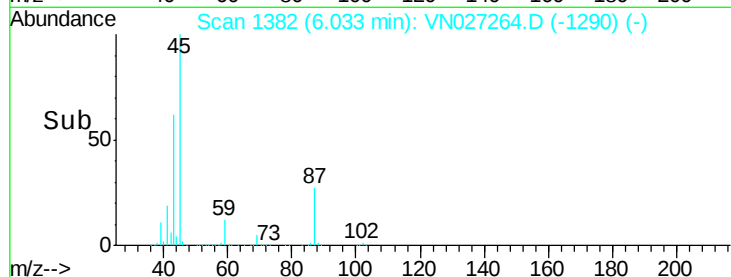
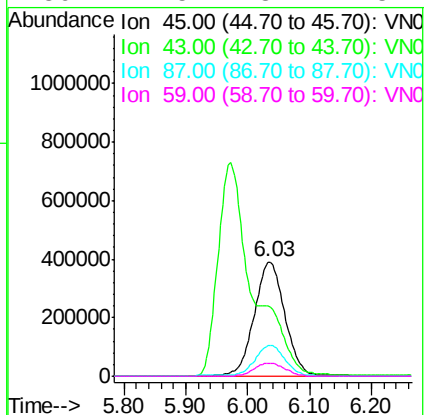
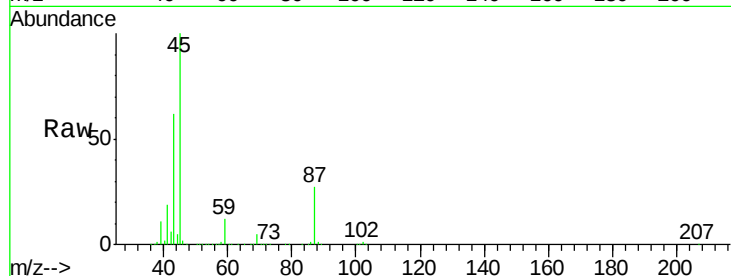




#23
Diisopropyl ether
Concen: 46.67 ug/l
RT: 6.03 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

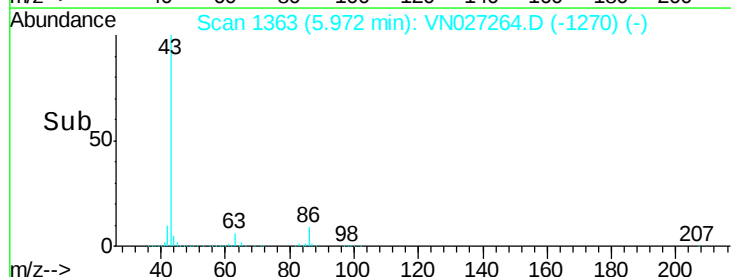
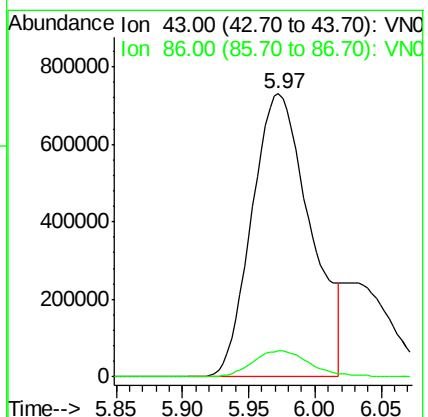
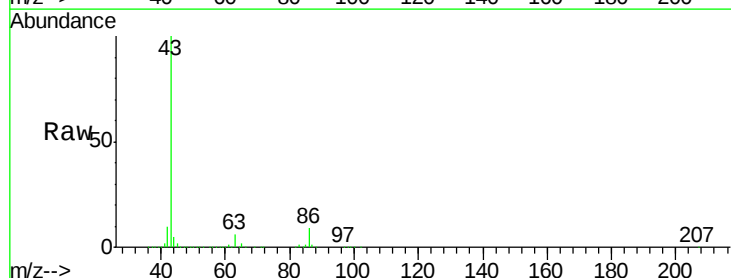
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

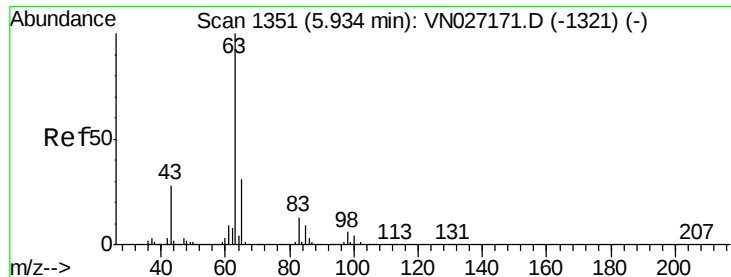
Tgt Ion: 45 Resp: 1348100
Ion Ratio Lower Upper
45 100
43 61.9 41.0 61.6#
87 26.9 17.5 26.3#
59 11.5 8.7 13.1



#24
Vinyl Acetate
Concen: 233.09 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 43 Resp: 2228522
Ion Ratio Lower Upper
43 100
86 9.2 6.9 10.3





#25

1,1-Dichloroethane

Concen: 46.39 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

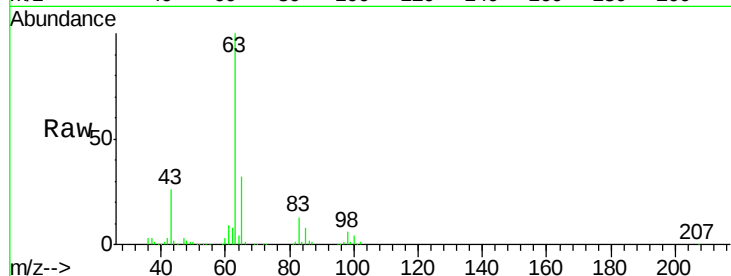
Tgt Ion: 63 Resp: 778465

Ion Ratio Lower Upper

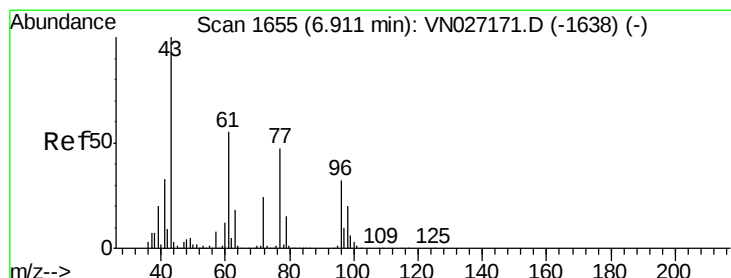
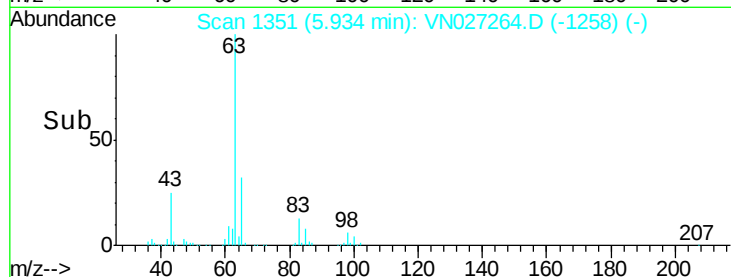
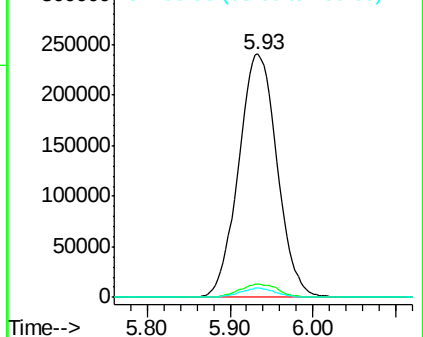
63 100

98 5.5 2.8 8.3

100 3.8 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0



#26

2-Butanone

Concen: 235.17 ug/l

RT: 6.91 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VN027264.D

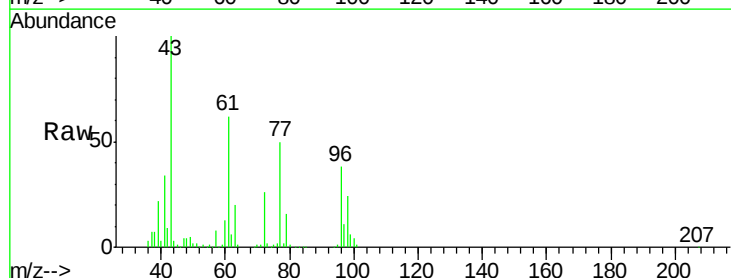
Acq: 17 Sep 2015 19:22

Tgt Ion: 43 Resp: 1038569

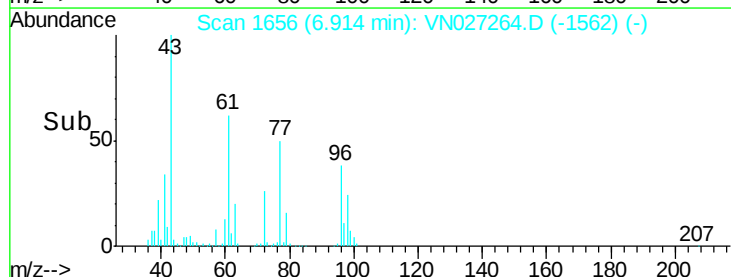
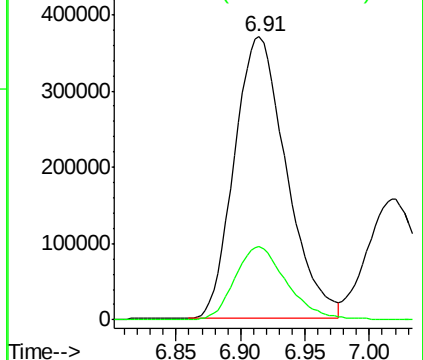
Ion Ratio Lower Upper

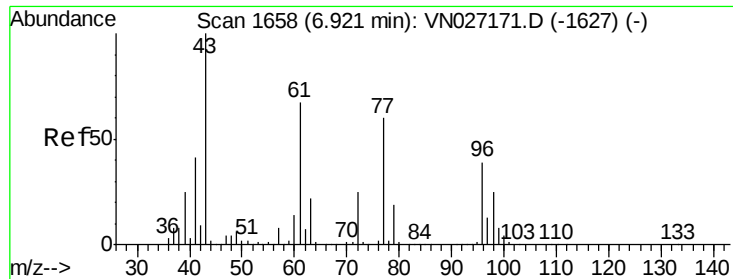
43 100

72 26.1 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#27

2,2-Dichloropropane

Concen: 43.94 ug/l

RT: 6.92 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

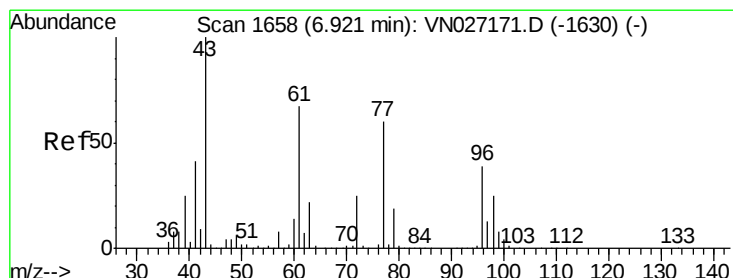
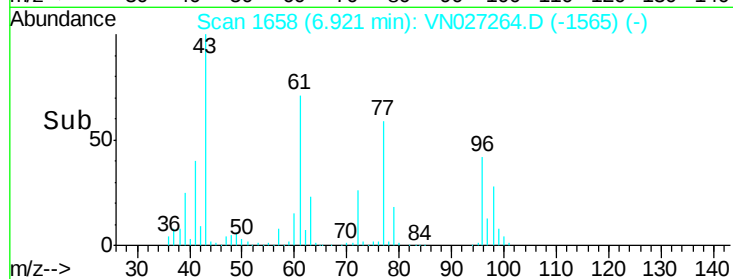
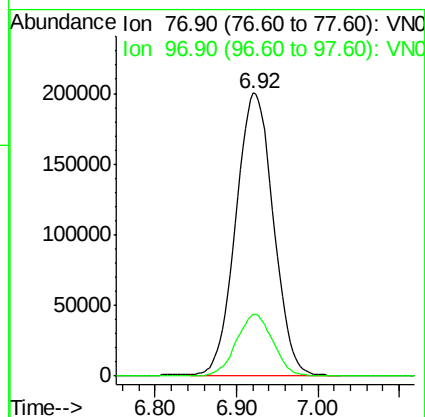
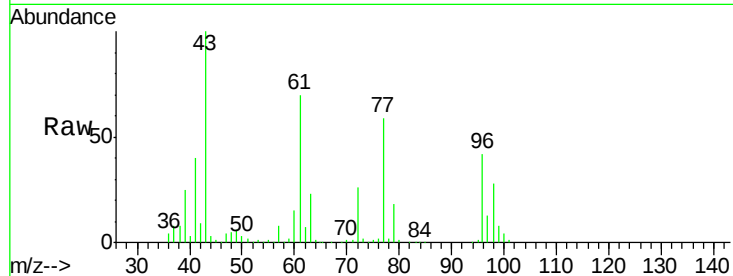
MW-12-9-15-15MS

Tgt Ion: 77 Resp: 639790

Ion Ratio Lower Upper

77 100

97 21.3 11.8 35.3



#28

cis-1,2-Dichloroethene

Concen: 49.17 ug/l

RT: 6.92 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

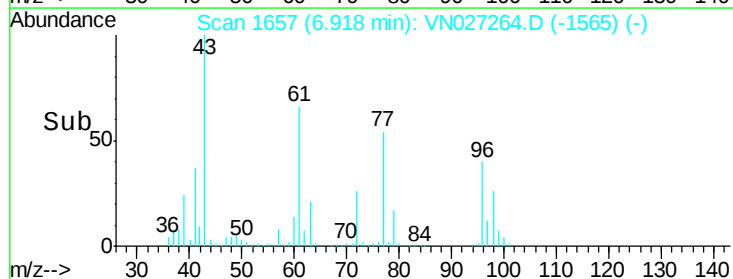
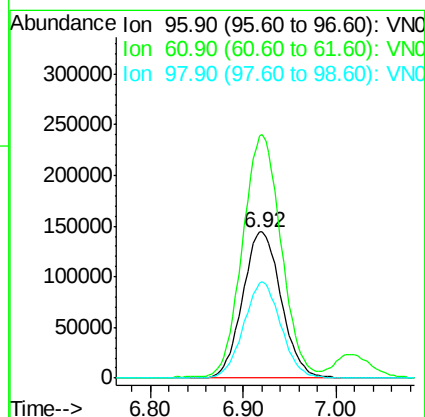
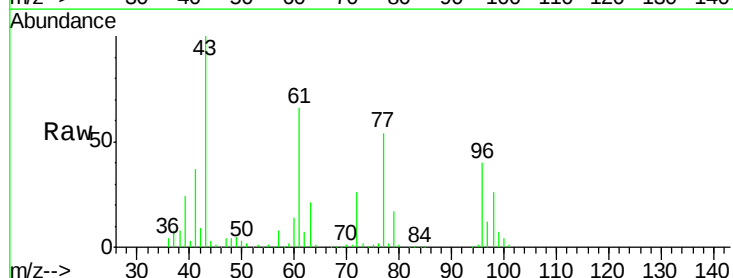
Tgt Ion: 96 Resp: 415734

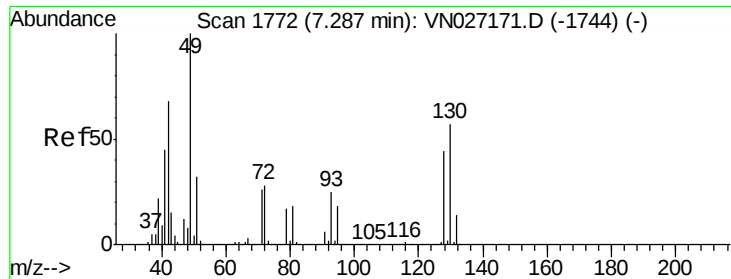
Ion Ratio Lower Upper

96 100

61 165.2 0.0 329.2

98 63.9 0.0 126.0

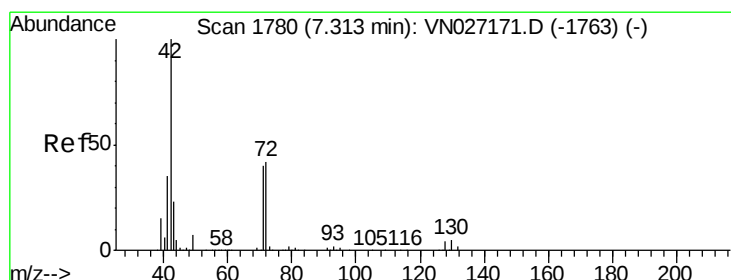
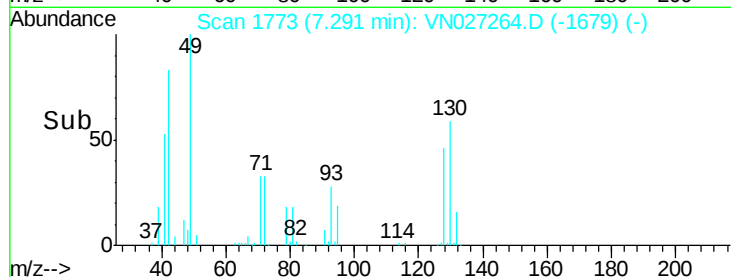
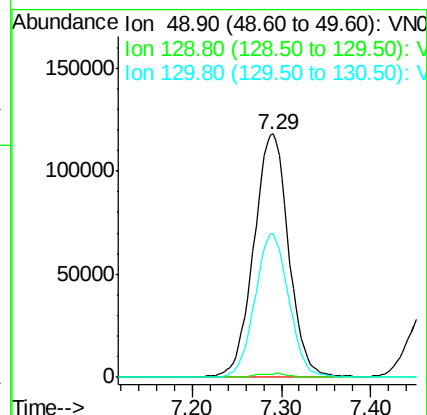
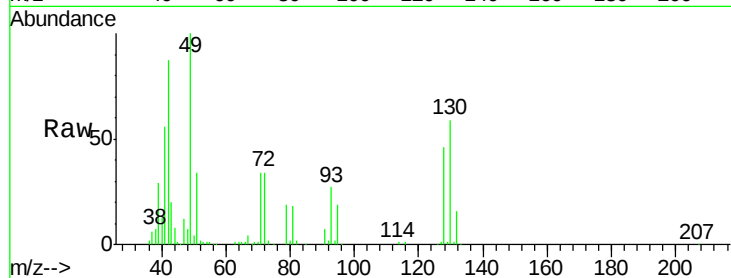




#29
Bromochloromethane
Concen: 49.27 ug/l
RT: 7.29 min Scan# 1773
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

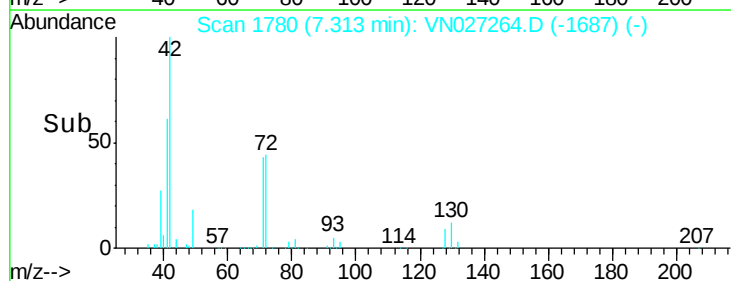
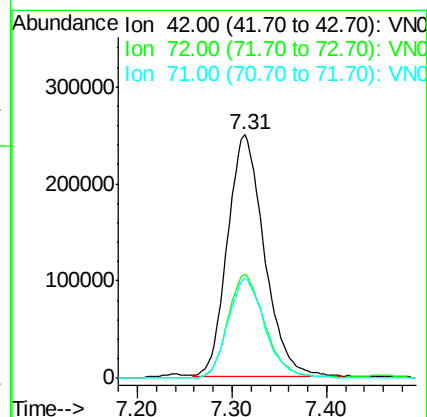
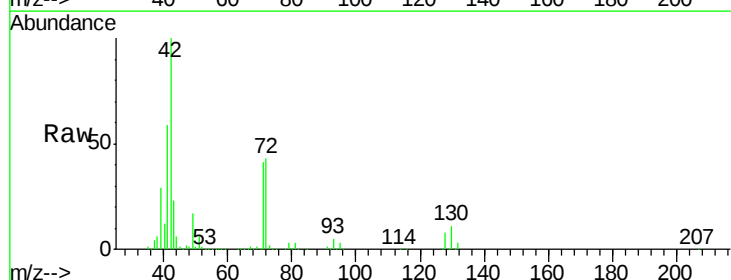
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

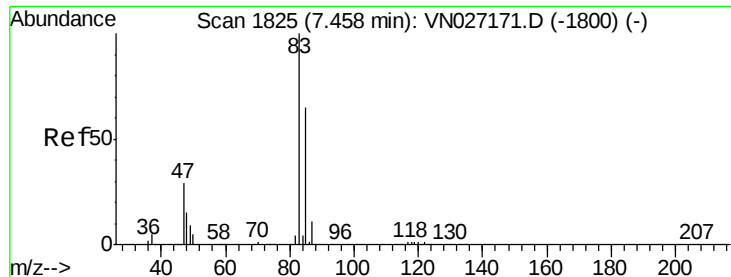
Tgt Ion: 49 Resp: 320900
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.2
130 57.1 43.2 64.8



#30
Tetrahydrofuran
Concen: 219.56 ug/l
RT: 7.31 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 42 Resp: 668255
Ion Ratio Lower Upper
42 100
72 43.7 29.9 44.9
71 42.0 28.3 42.5

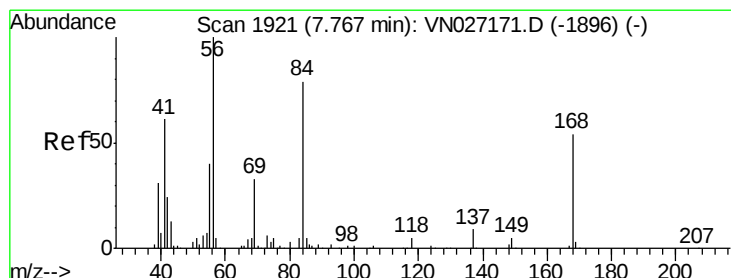
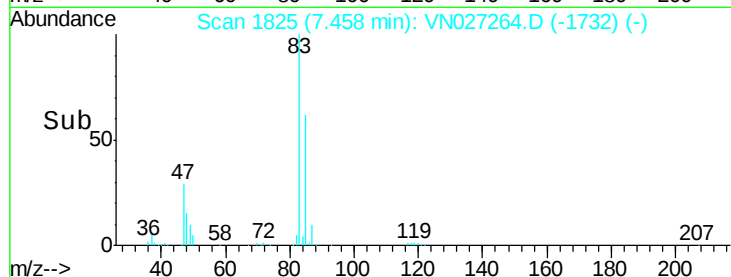
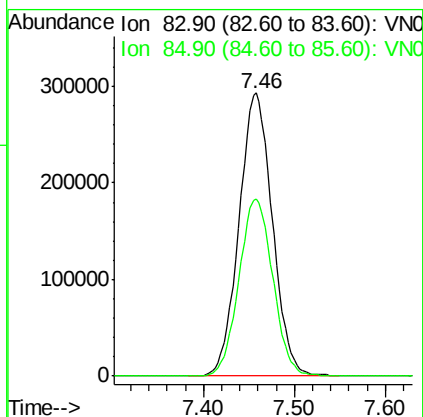
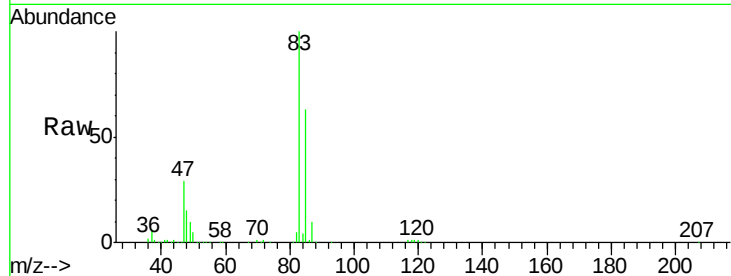




#31
Chloroform
Concen: 49.20 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

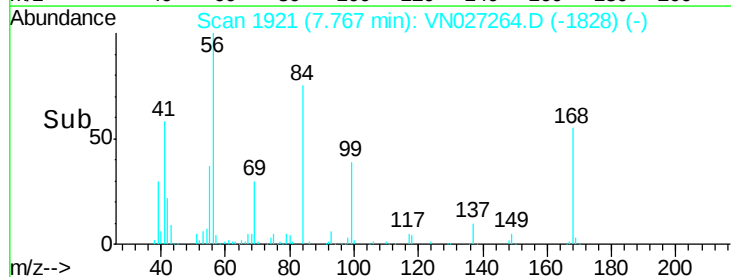
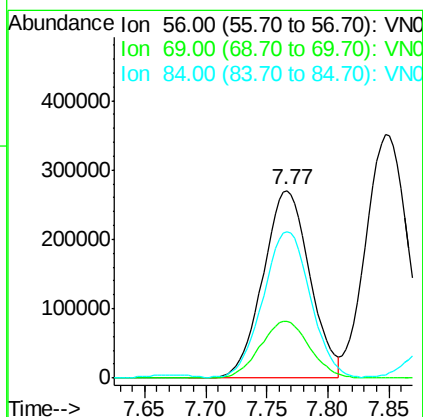
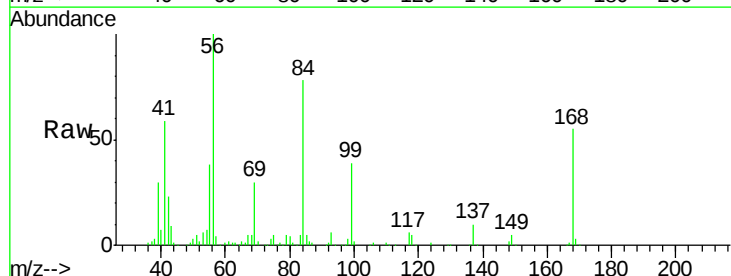
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

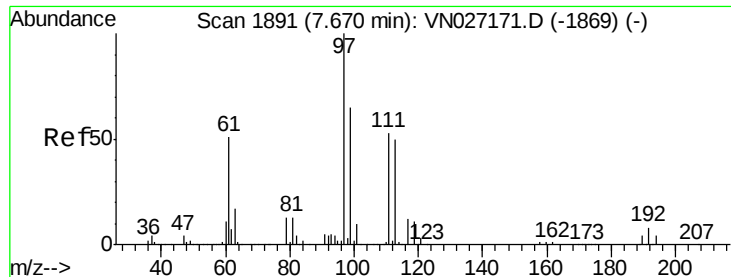
Tgt Ion: 83 Resp: 745900
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7



#32
Cyclohexane
Concen: 48.31 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 56 Resp: 722095
Ion Ratio Lower Upper
56 100
69 30.4 23.0 34.4
84 76.8 57.8 86.8

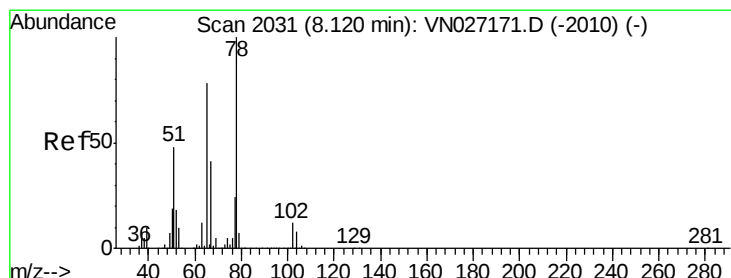
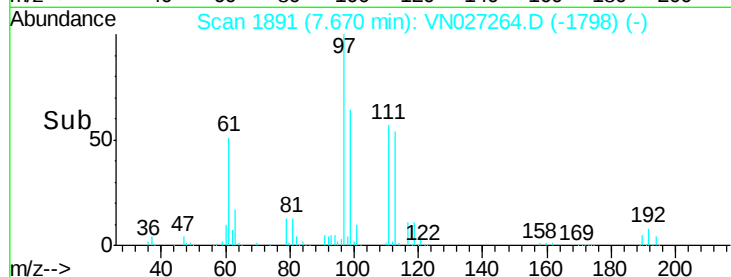
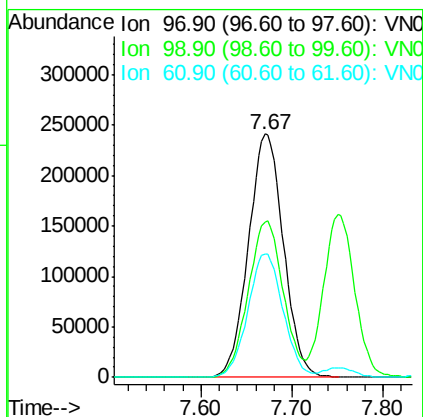
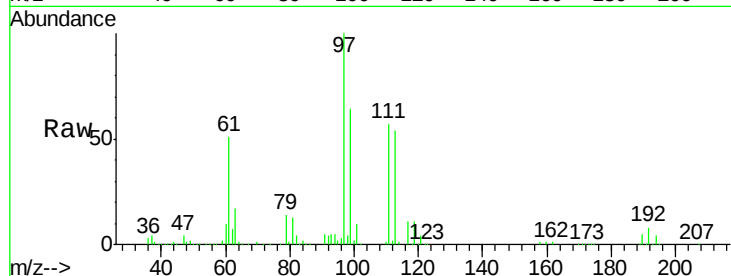




#33
 1,1,1-Trichloroethane
 Concen: 47.66 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

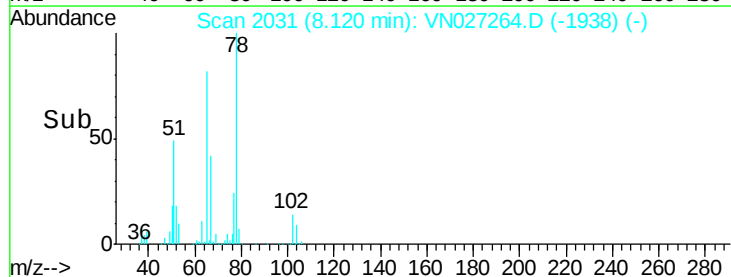
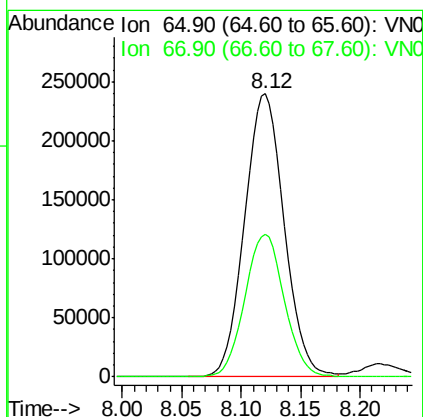
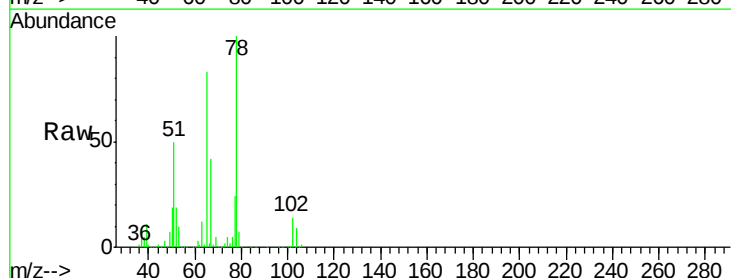
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

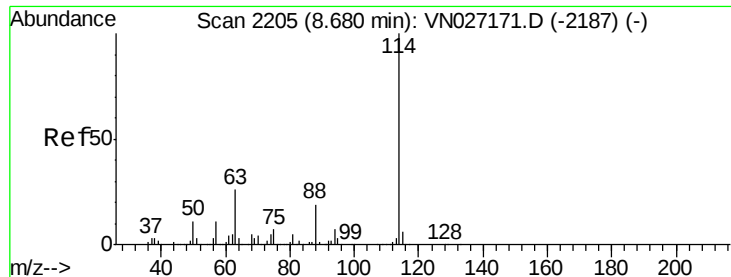
Tgt Ion: 97 Resp: 644378
 Ion Ratio Lower Upper
 97 100
 99 64.6 50.1 75.1
 61 51.1 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 50.83 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion: 65 Resp: 552851
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 110.6

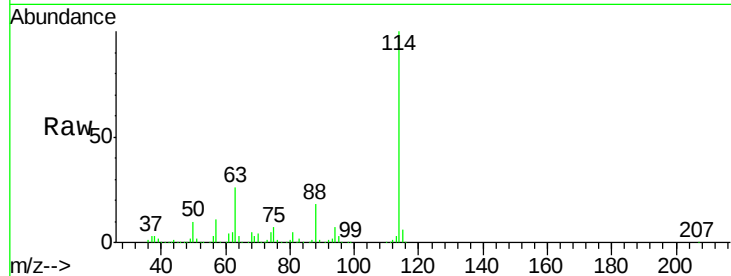




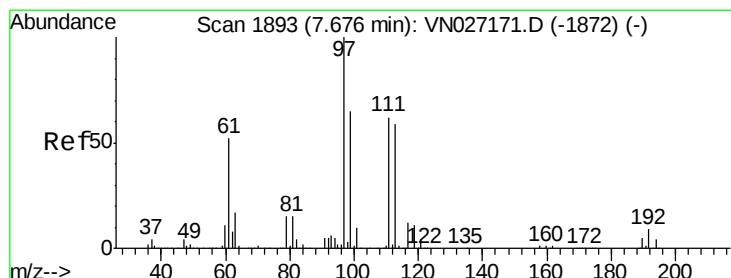
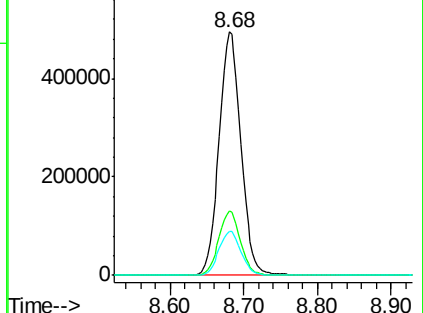
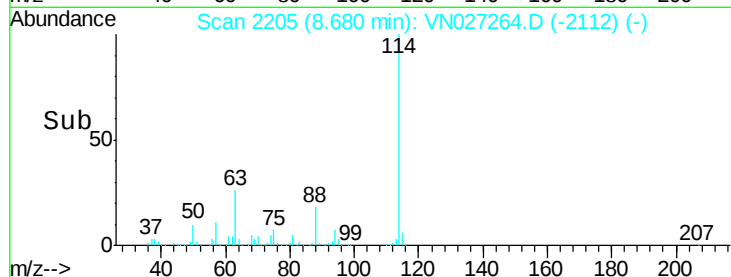
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tgt Ion:114 Resp: 1019563
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 48.8
 88 18.1 0.0 32.2

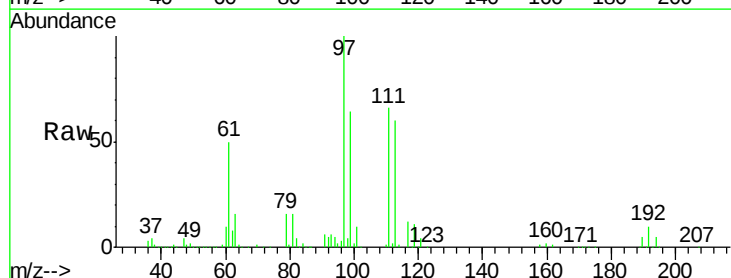


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

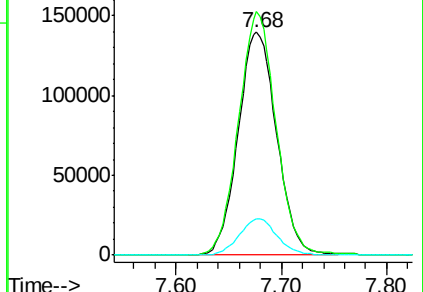
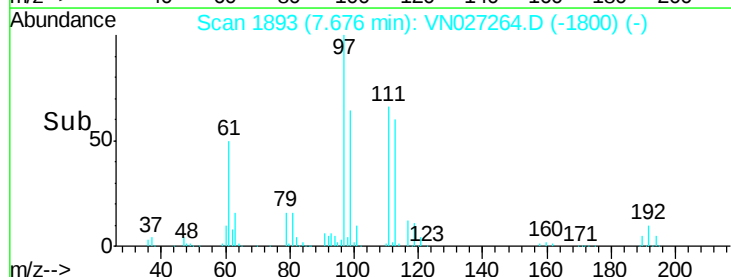


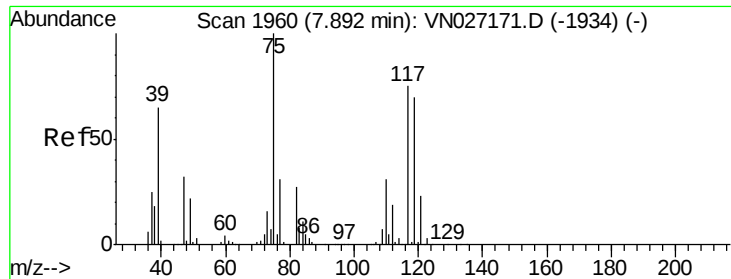
#36
 Dibromofluoromethane
 Concen: 50.08 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion:113 Resp: 353906
 Ion Ratio Lower Upper
 113 100
 111 106.5 83.0 124.4
 192 16.0 14.1 21.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

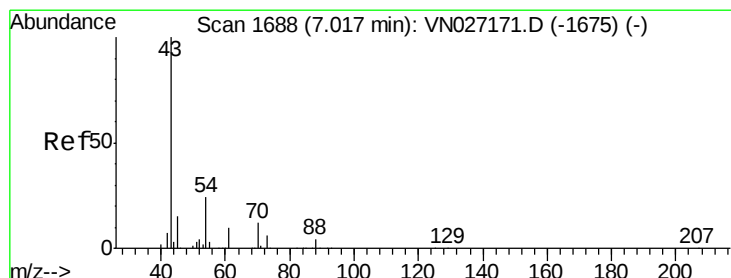
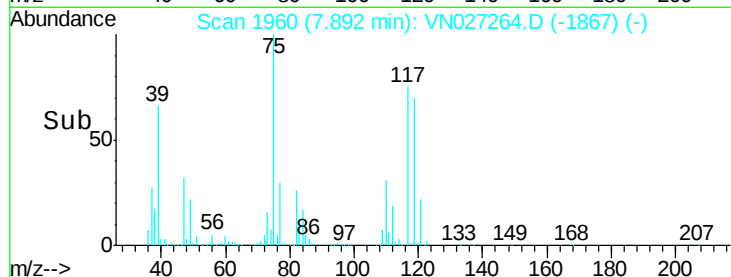
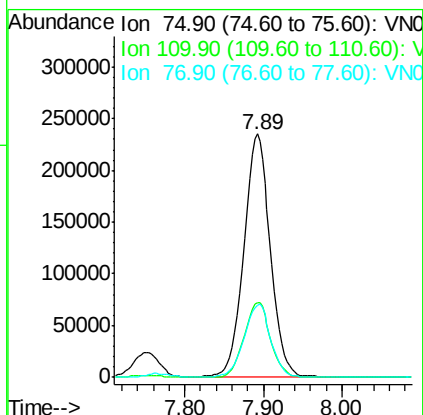
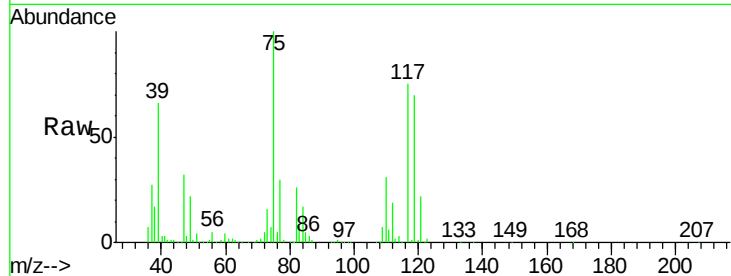




#37
 1,1-Dichloropropene
 Concen: 46.51 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

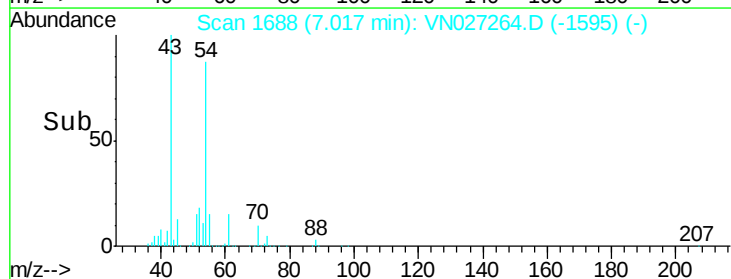
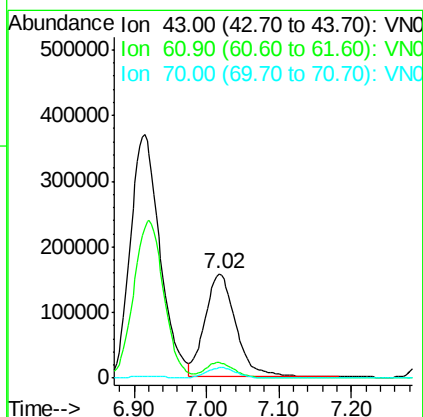
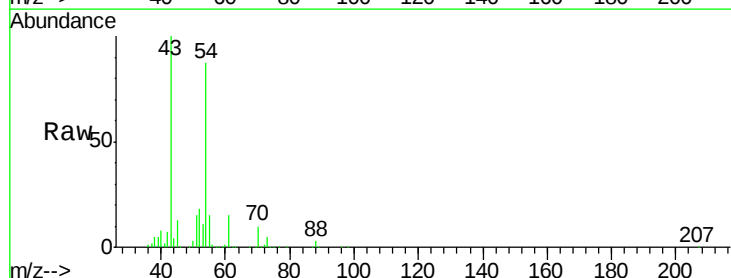
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

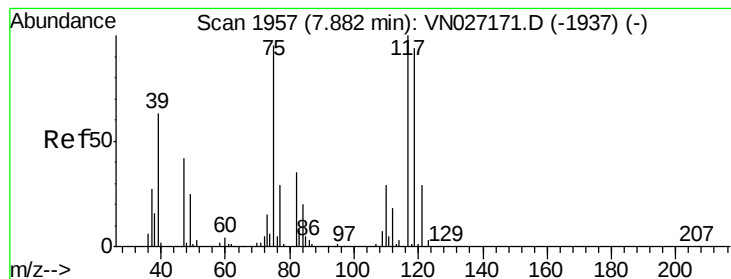
Tgt Ion: 75 Resp: 555070
 Ion Ratio Lower Upper
 75 100
 110 30.8 15.9 47.7
 77 30.4 24.9 37.3



#38
 Ethyl Acetate
 Concen: 45.74 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion: 43 Resp: 465060
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.2 15.4
 70 9.5 7.4 11.0





#39

Carbon Tetrachloride

Concen: 46.75 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

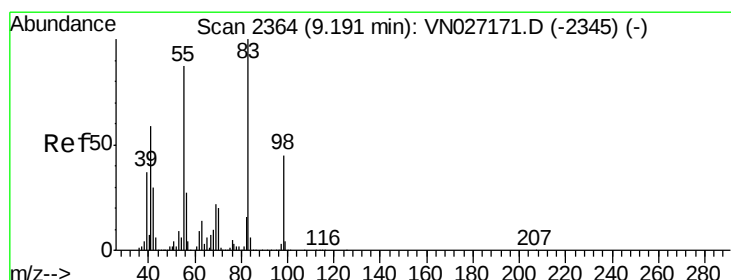
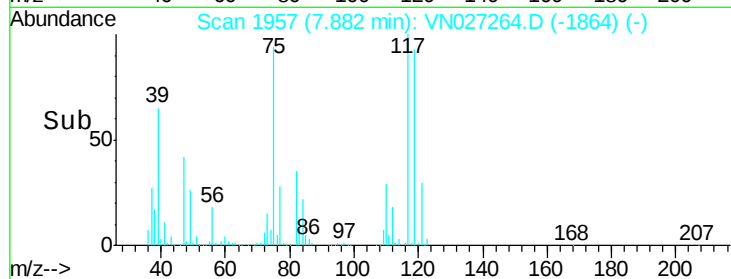
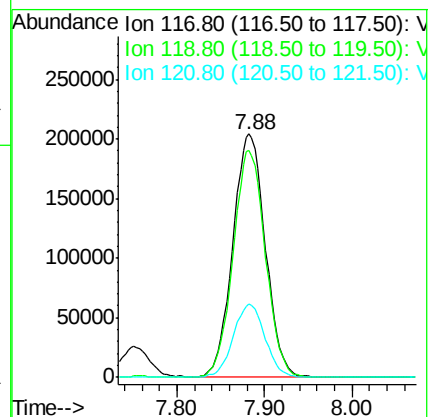
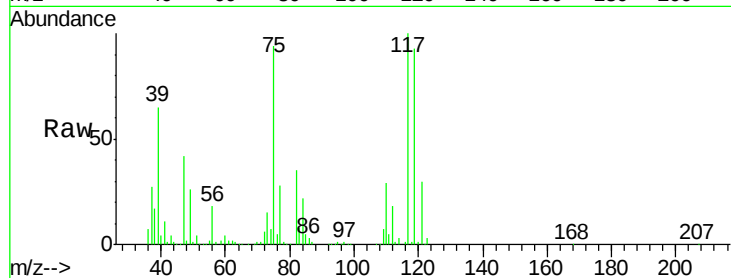
Tgt Ion: 117 Resp: 524525

Ion Ratio Lower Upper

117 100

119 93.5 75.3 112.9

121 30.2 23.8 35.8



#40

Methylcyclohexane

Concen: 45.41 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

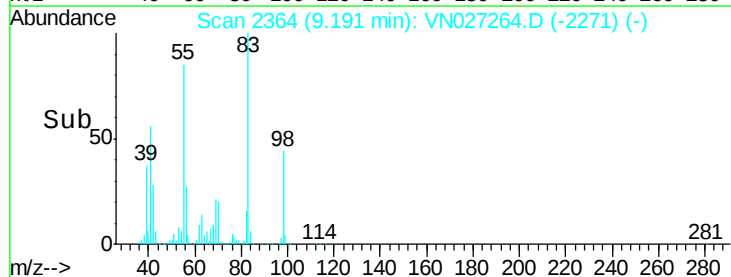
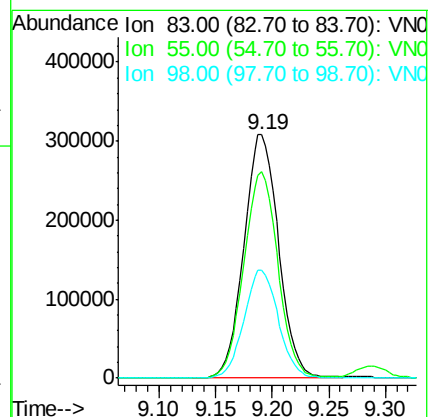
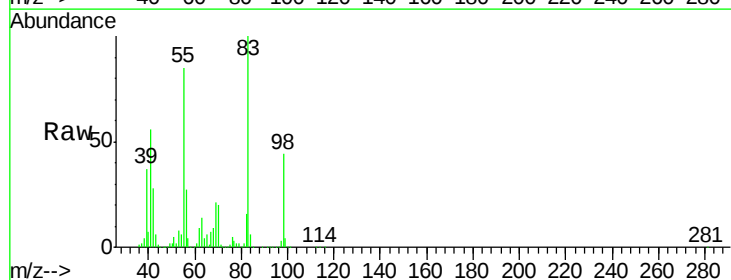
Tgt Ion: 83 Resp: 659933

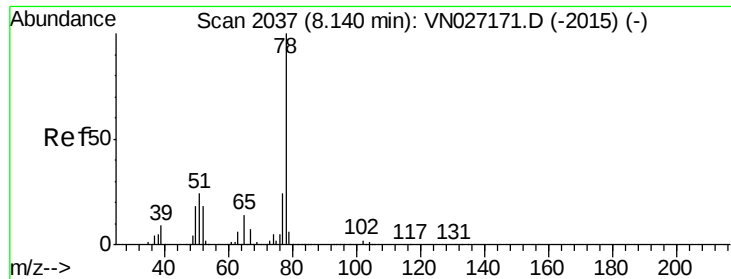
Ion Ratio Lower Upper

83 100

55 84.5 69.8 104.8

98 44.2 34.3 51.5





#41

Benzene

Concen: 46.83 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

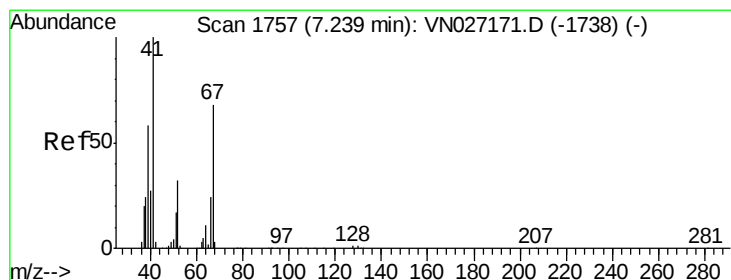
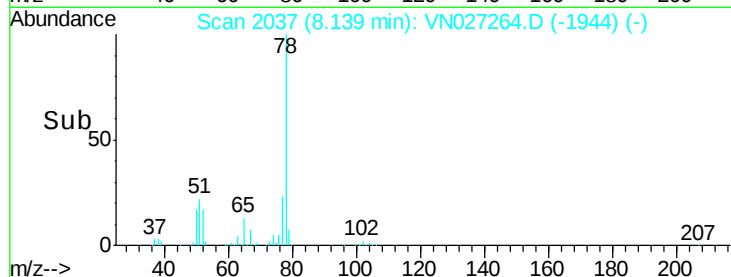
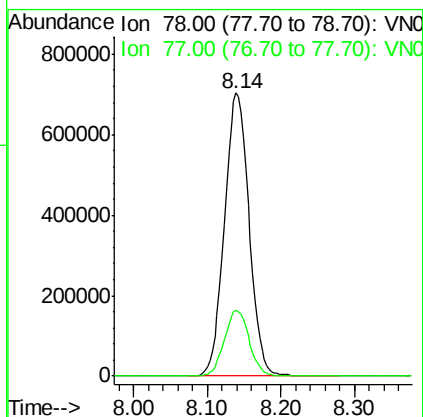
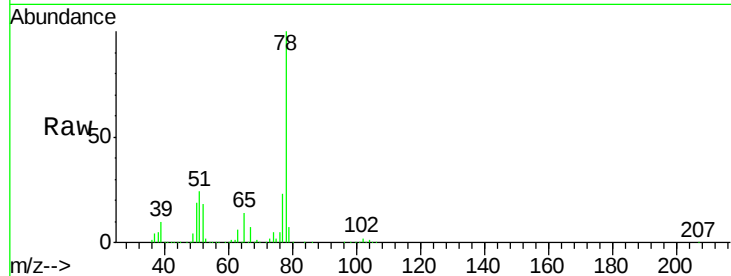
MW-12-9-15-15MS

Tgt Ion: 78 Resp: 1630887

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4



#42

Methacrylonitrile

Concen: 47.54 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion: 41 Resp: 274299

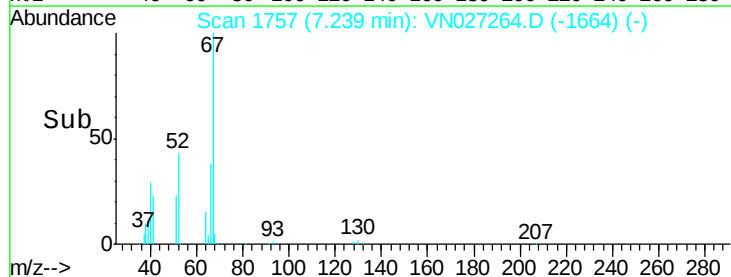
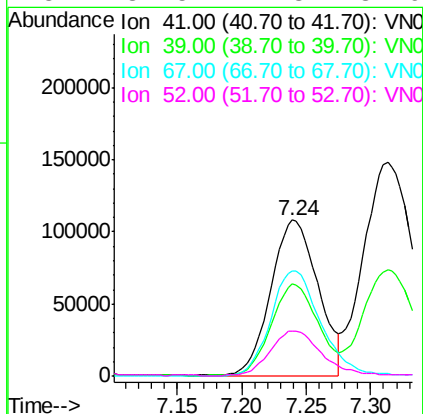
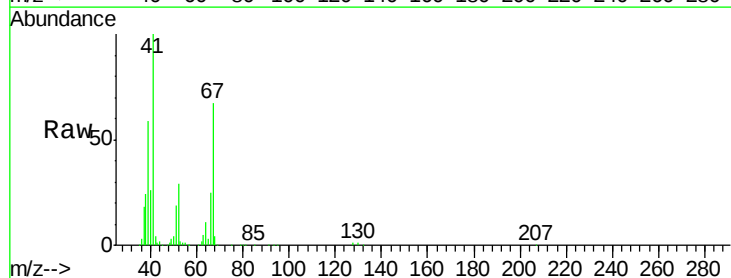
Ion Ratio Lower Upper

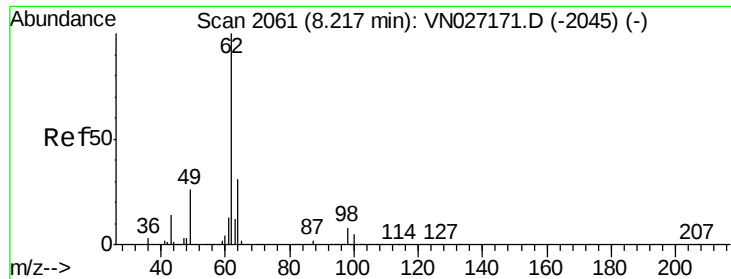
41 100

39 58.3 43.0 64.6

67 72.1 52.2 78.2

52 31.5 21.3 31.9

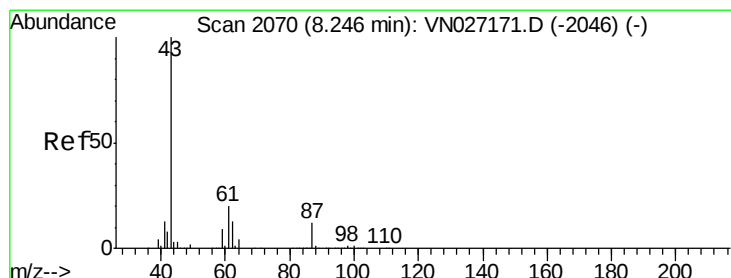
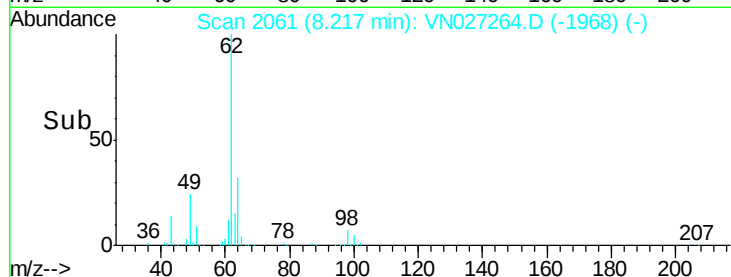
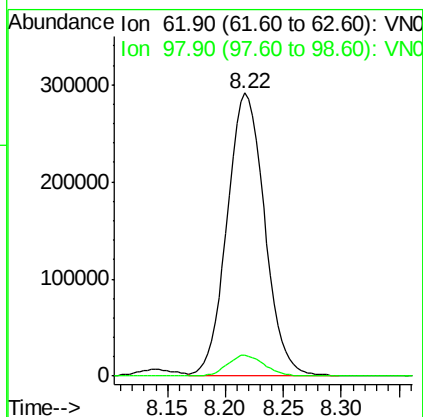
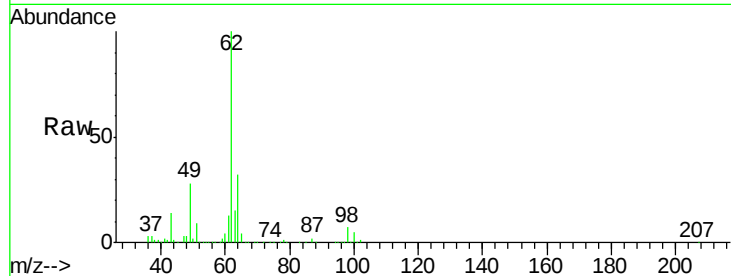




#43
 1,2-Dichloroethane
 Concen: 46.46 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

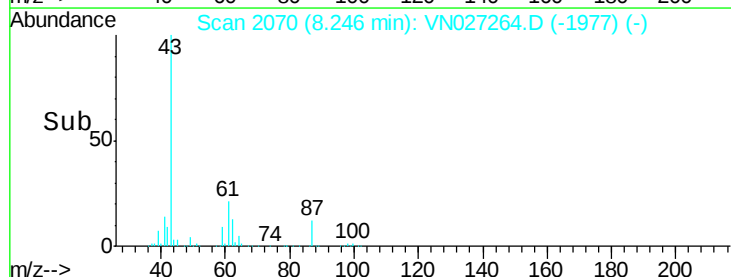
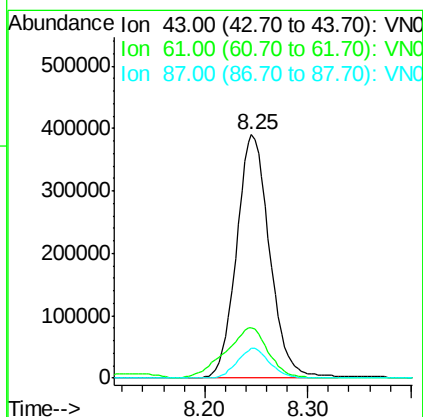
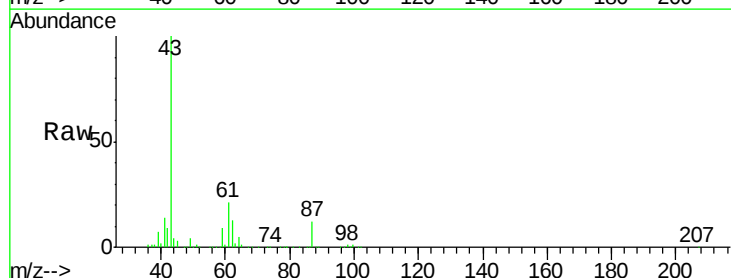
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

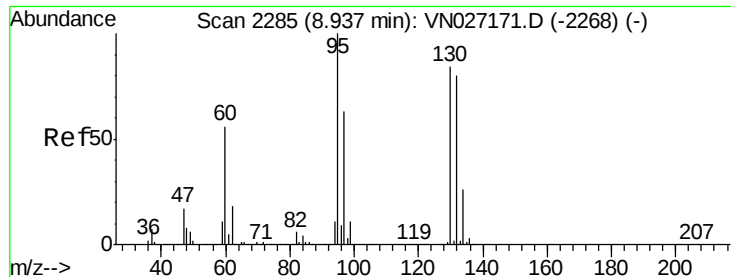
Tgt Ion: 62 Resp: 651817
 Ion Ratio Lower Upper
 62 100
 98 7.3 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 45.37 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion: 43 Resp: 865231
 Ion Ratio Lower Upper
 43 100
 61 26.5 20.6 31.0
 87 12.1 8.6 13.0





#45

Trichloroethene

Concen: 47.25 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

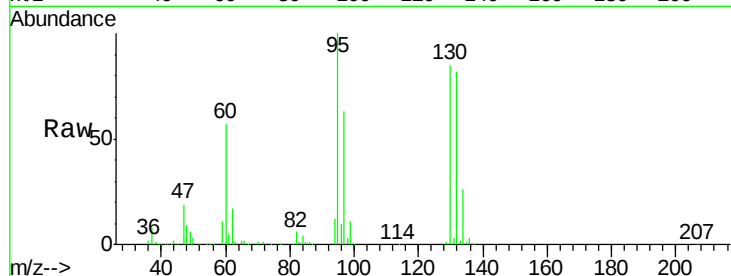
MW-12-9-15-15MS

Tgt Ion:130 Resp: 330454

Ion Ratio Lower Upper

130 100

95 117.8 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.93

200000

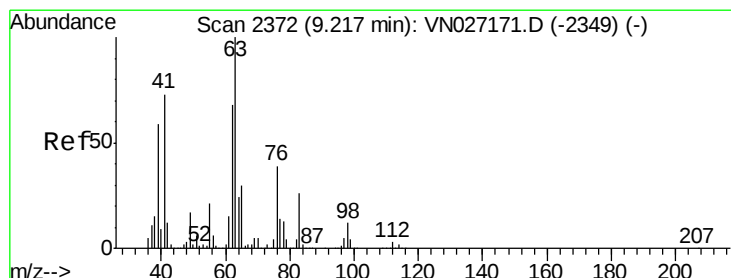
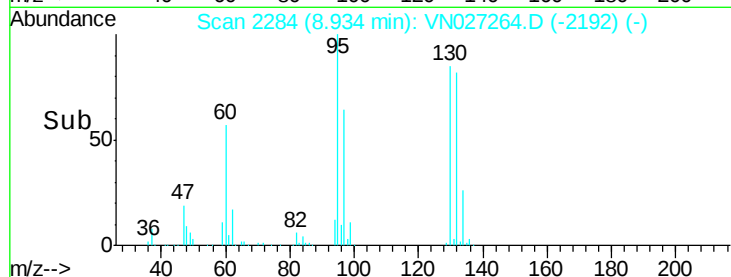
150000

100000

50000

0

Time--> 8.80 8.90 9.00 9.10



#46

1,2-Dichloropropane

Concen: 45.73 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN027264.D

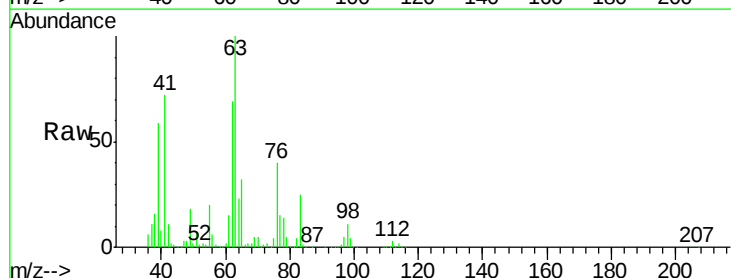
Acq: 17 Sep 2015 19:22

Tgt Ion: 63 Resp: 458137

Ion Ratio Lower Upper

63 100

65 31.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

9.22

250000

200000

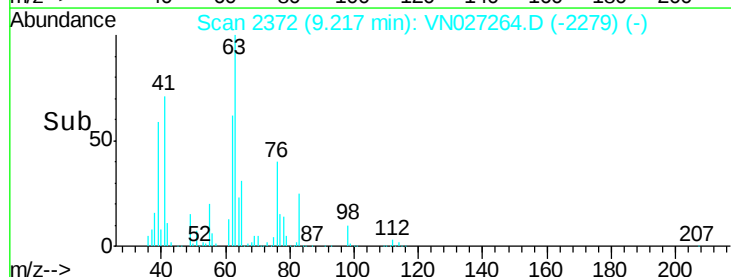
150000

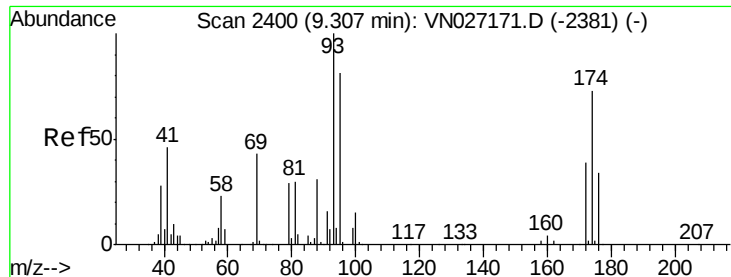
100000

50000

0

Time--> 9.10 9.20 9.30

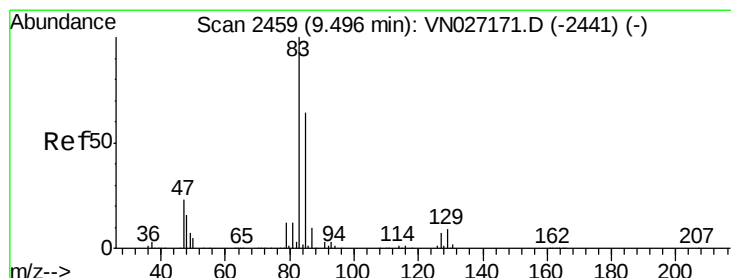
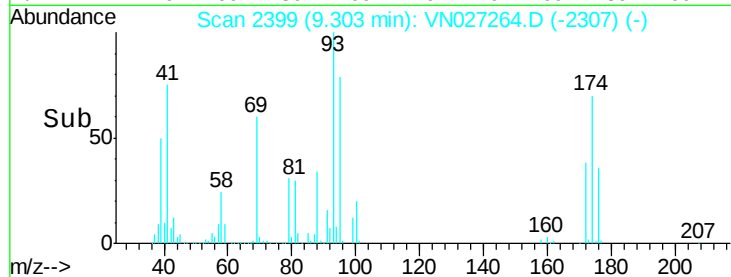
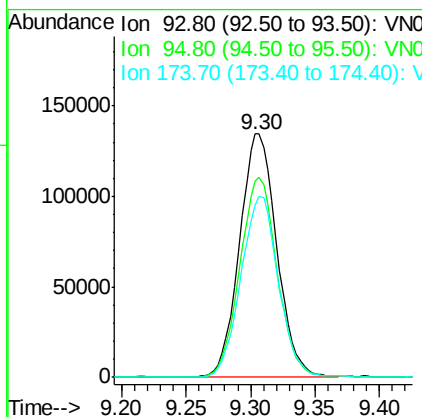
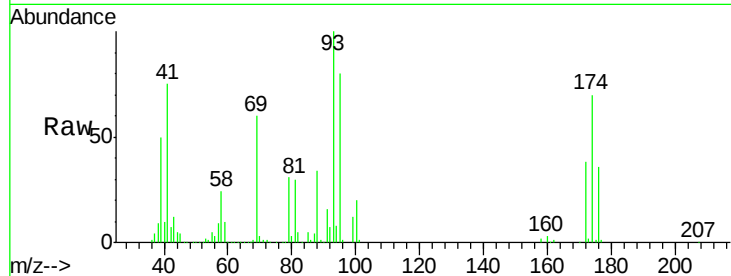




#47
 Dibromomethane
 Concen: 45.97 ug/l
 RT: 9.30 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

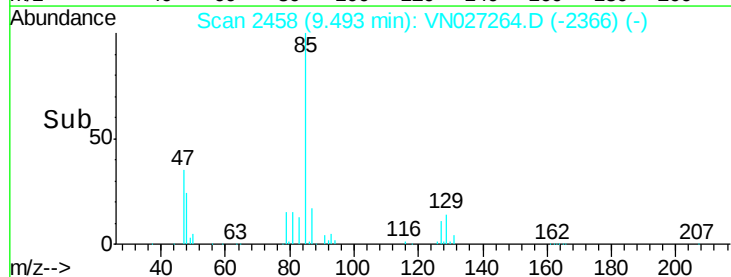
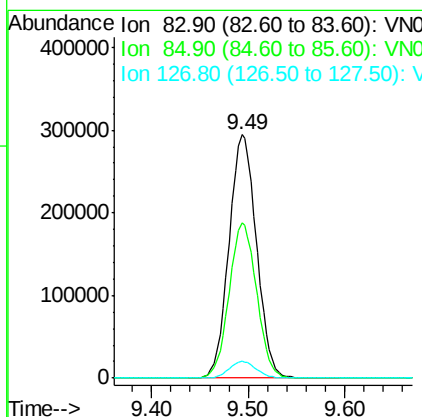
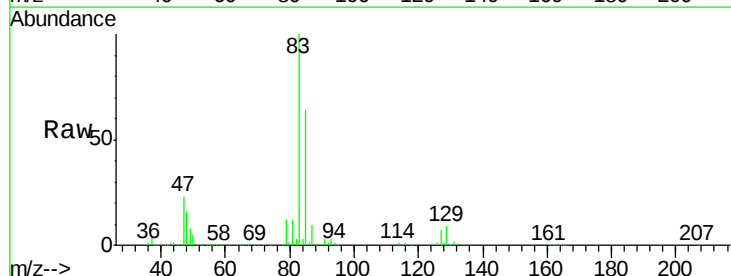
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

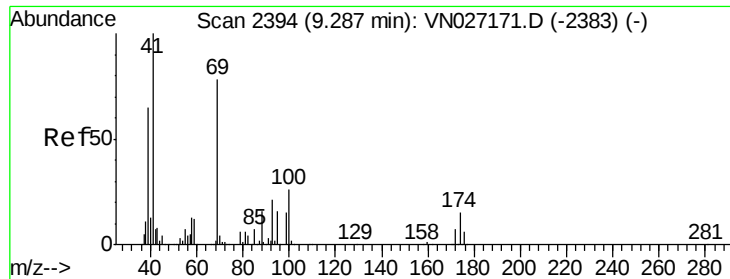
Tgt Ion: 93 Resp: 270421
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.3 99.5
 174 75.1 67.8 101.6



#48
 Bromodichloromethane
 Concen: 46.77 ug/l
 RT: 9.49 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion: 83 Resp: 579840
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.7 76.1
 127 6.8 5.5 8.3

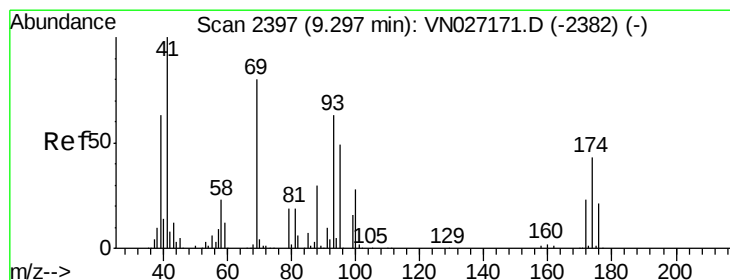
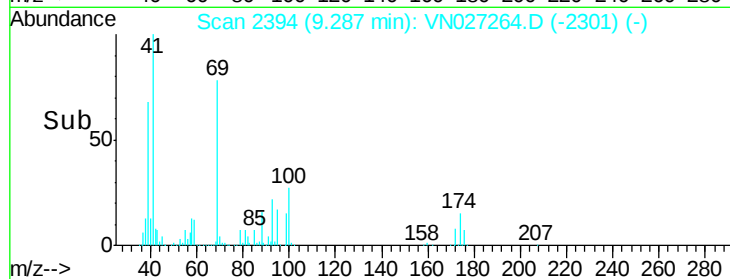
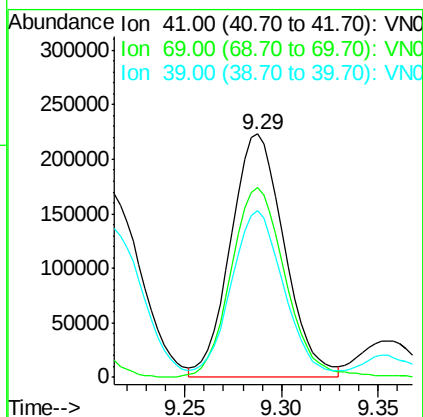
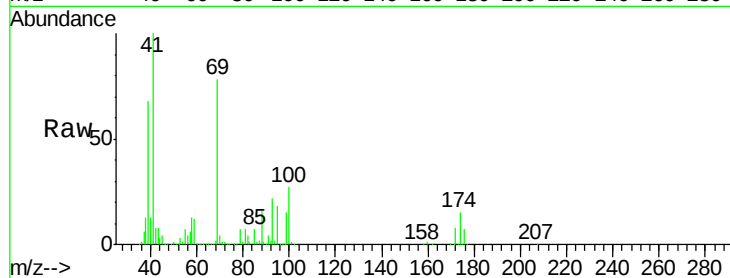




#49
Methyl methacrylate
Concen: 45.07 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

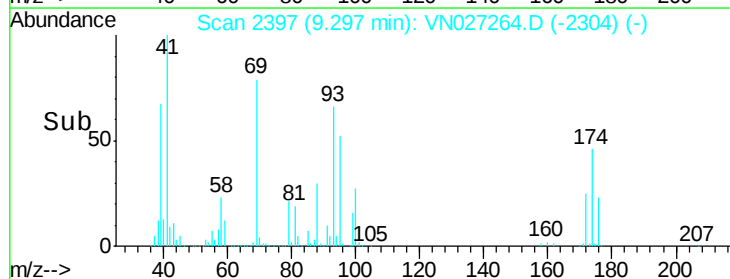
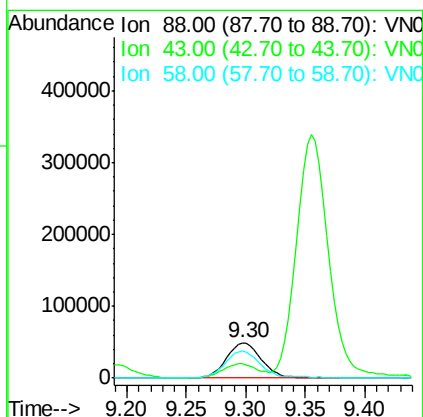
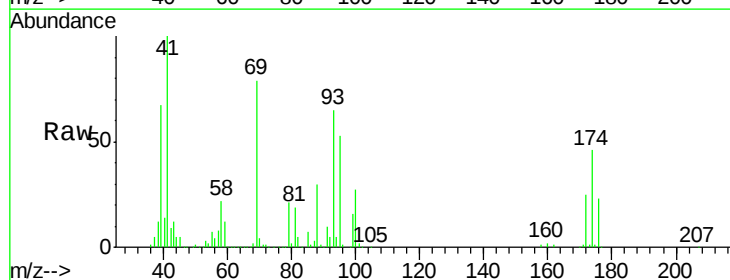
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

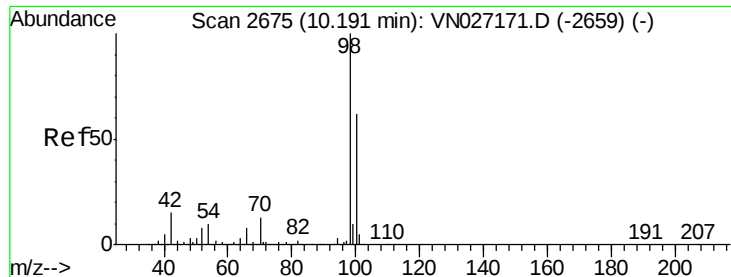
Tgt Ion: 41 Resp: 428231
Ion Ratio Lower Upper
41 100
69 78.3 59.3 88.9
39 67.2 39.5 59.3#



#50
1,4-Dioxane
Concen: 898.63 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 88 Resp: 100147
Ion Ratio Lower Upper
88 100
43 38.8 27.6 41.4
58 77.5 63.1 94.7





#51

Toluene-d8

Concen: 49.22 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

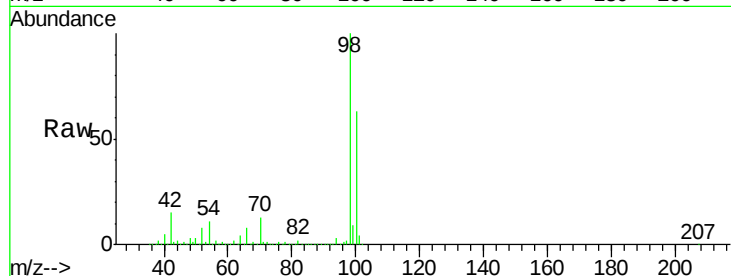
MW-12-9-15-15MS

Tgt Ion: 98 Resp: 1362031

Ion Ratio Lower Upper

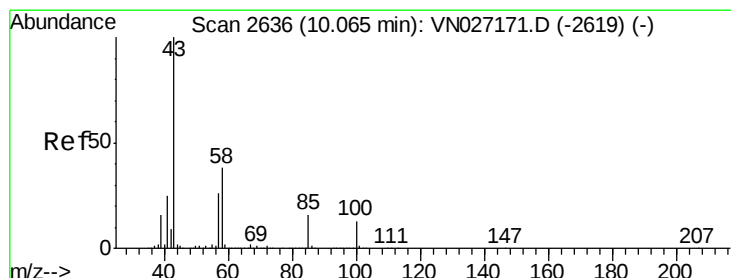
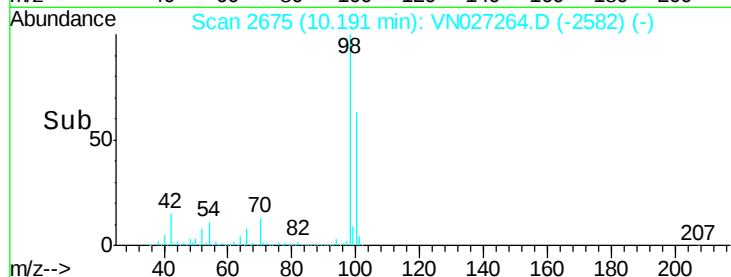
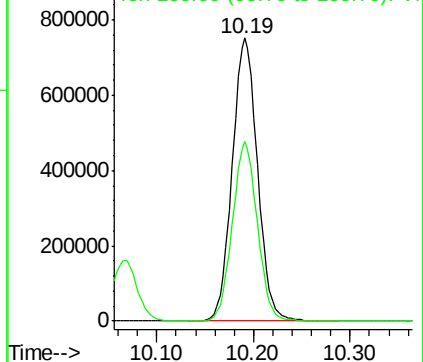
98 100

100 62.6 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 228.63 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027264.D

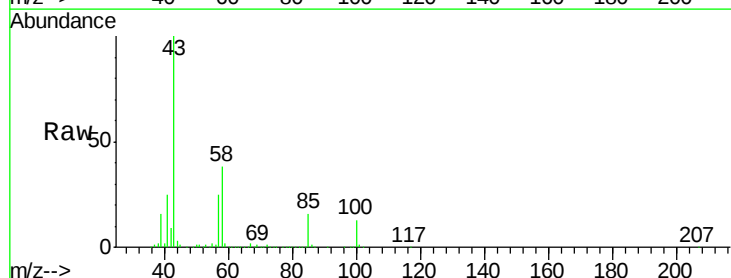
Acq: 17 Sep 2015 19:22

Tgt Ion: 43 Resp: 2305471

Ion Ratio Lower Upper

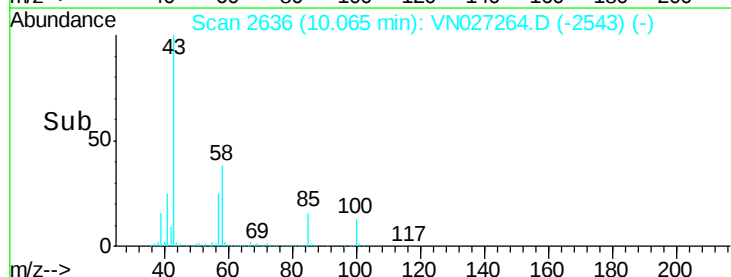
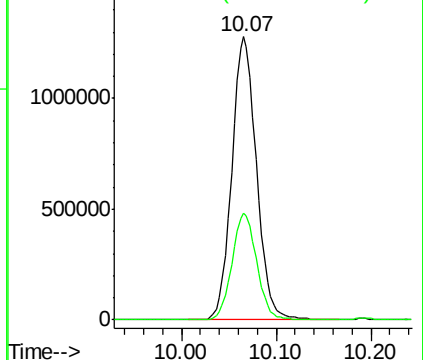
43 100

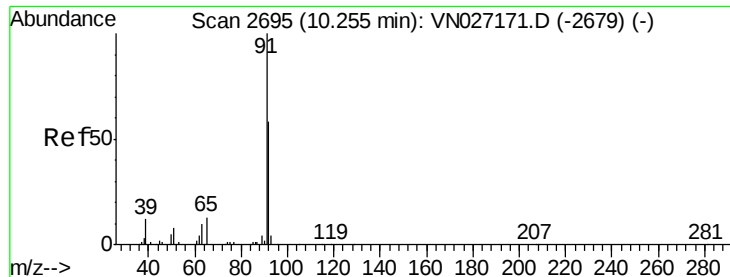
58 37.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 46.69 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

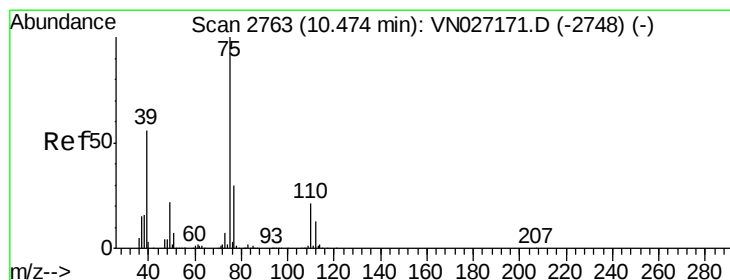
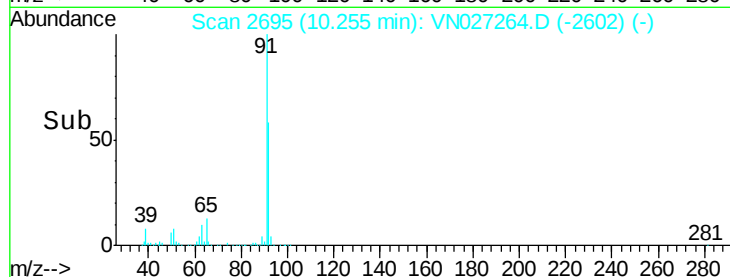
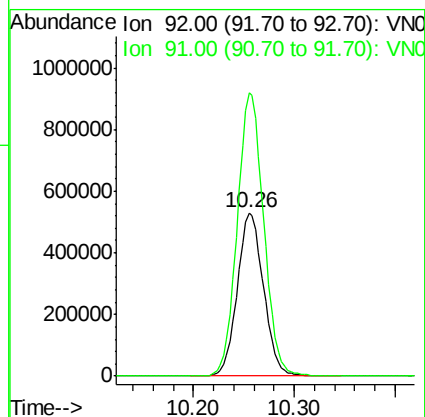
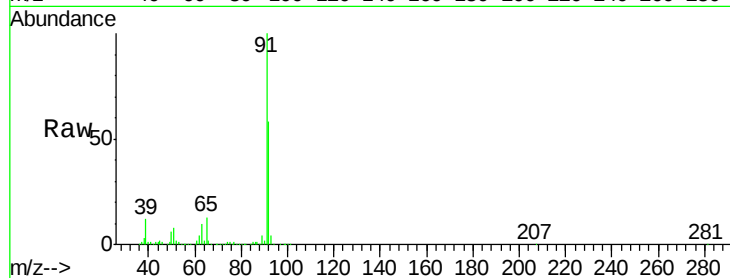
MW-12-9-15-15MS

Tgt Ion: 92 Resp: 952449

Ion Ratio Lower Upper

92 100

91 175.3 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 45.26 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VN027264.D

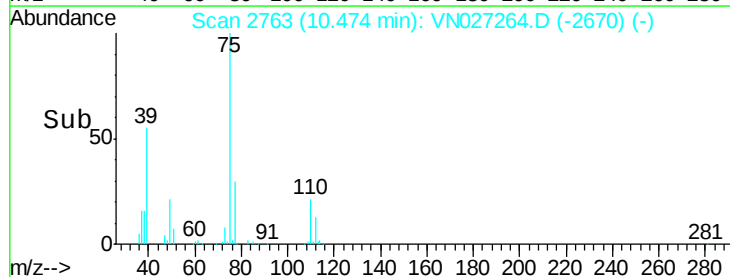
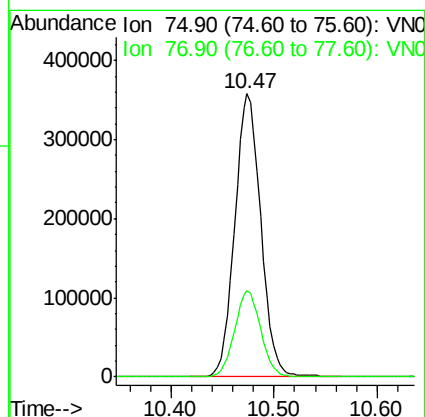
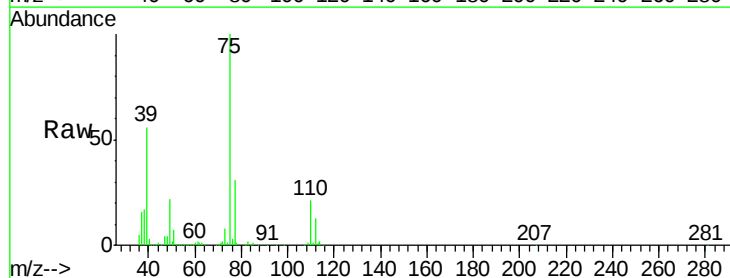
Acq: 17 Sep 2015 19:22

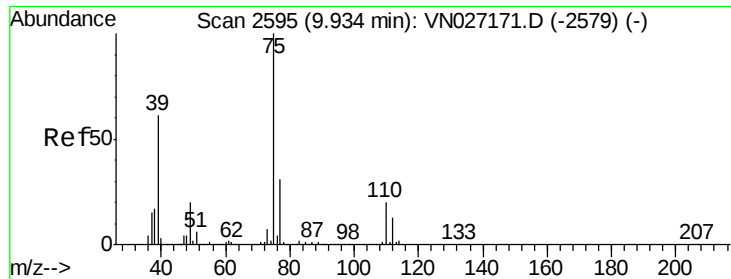
Tgt Ion: 75 Resp: 630031

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 44.91 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

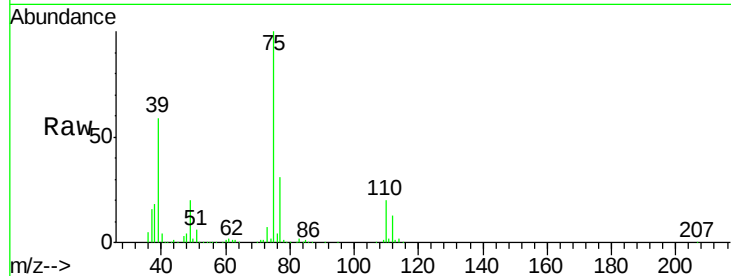
Tgt Ion: 75 Resp: 680148

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 59.2 41.6 62.4

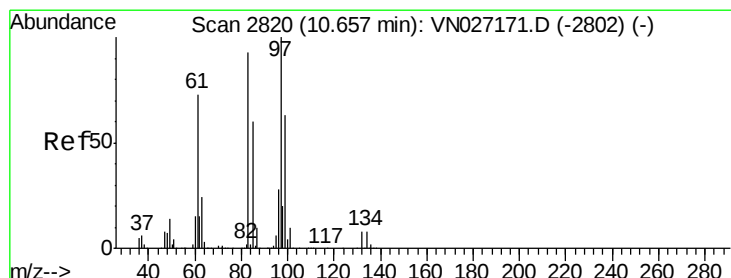
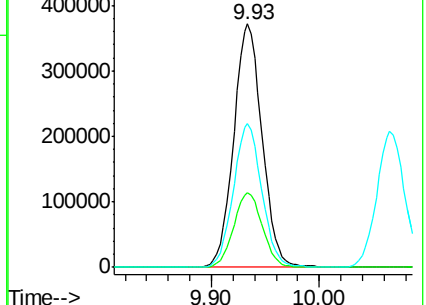
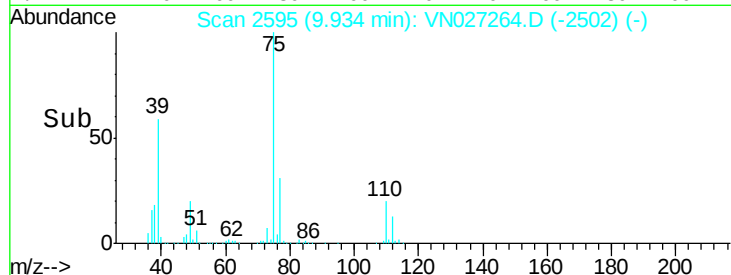


Abundance Ion 74.90 (74.60 to 75.60): VN027264.D (-2502) (-)

Ion 76.90 (76.60 to 77.60): VN027264.D (-2502) (-)

Ion 39.00 (38.70 to 39.70): VN027264.D (-2502) (-)

Time-->



#56

1,1,2-Trichloroethane

Concen: 47.88 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion: 97 Resp: 367016

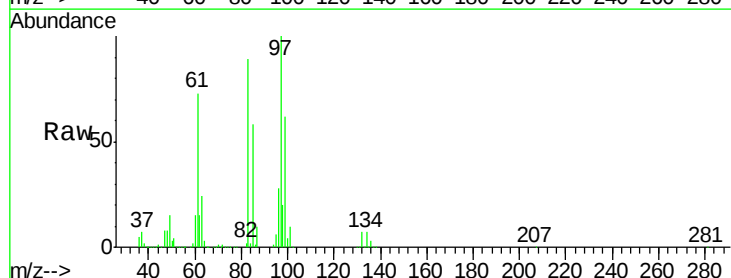
Ion Ratio Lower Upper

97 100

83 88.9 75.0 112.4

85 58.0 48.0 72.0

99 61.6 50.3 75.5



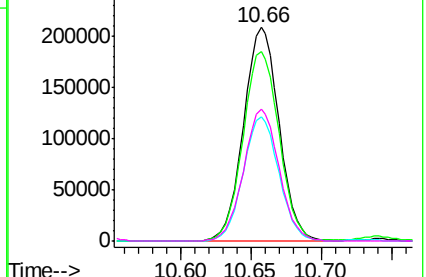
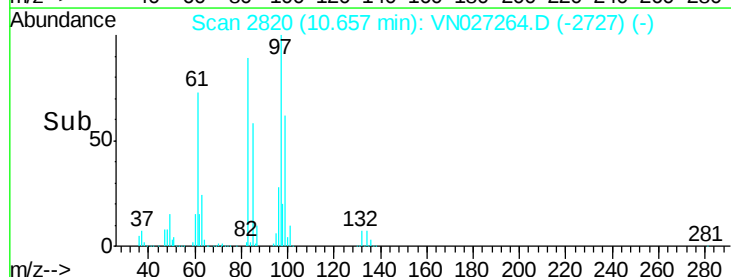
Abundance Ion 96.90 (96.60 to 97.60): VN027264.D (-2727) (-)

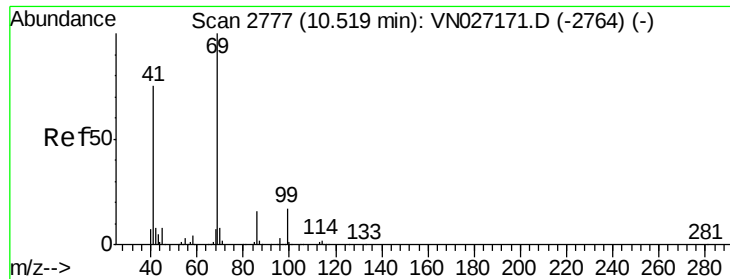
Ion 82.90 (82.60 to 83.60): VN027264.D (-2727) (-)

Ion 84.90 (84.60 to 85.60): VN027264.D (-2727) (-)

Ion 98.90 (98.60 to 99.60): VN027264.D (-2727) (-)

Time-->





#57

Ethyl methacrylate

Concen: 46.16 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

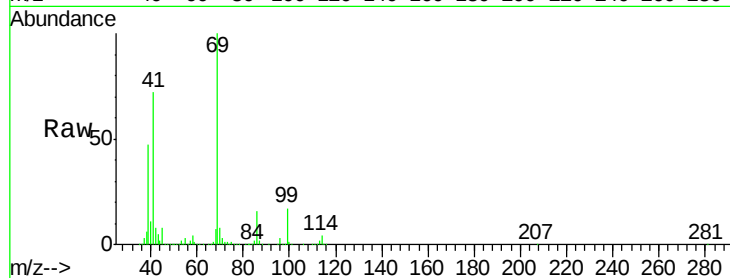
Tgt Ion: 69 Resp: 596281

Ion Ratio Lower Upper

69 100

41 71.1 61.3 91.9

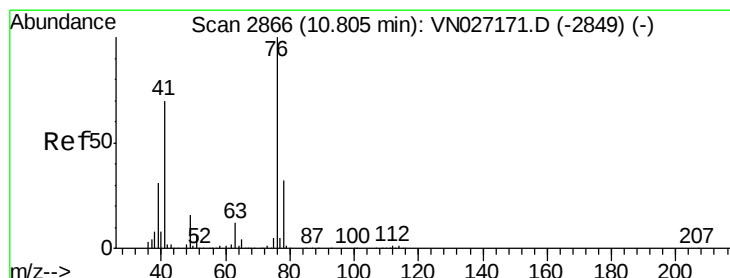
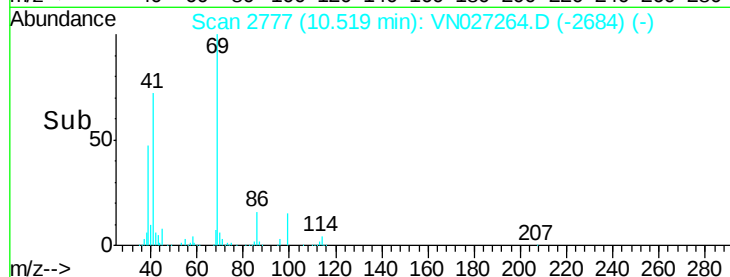
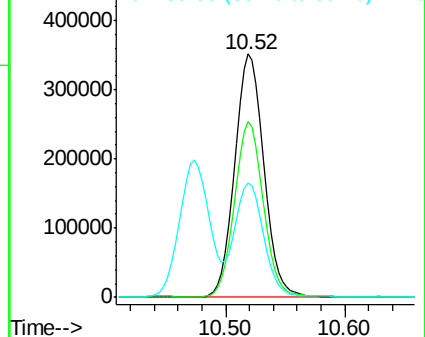
39 47.6 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

1,3-Dichloropropane

Concen: 47.22 ug/l

RT: 10.80 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VN027264.D

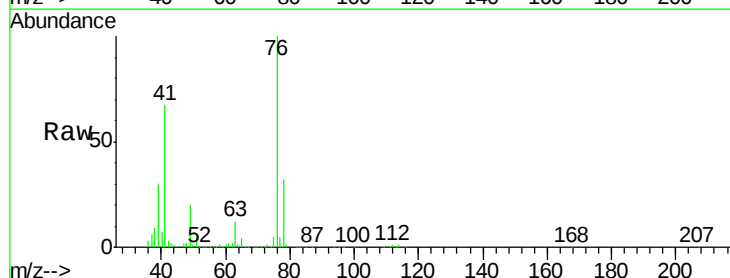
Acq: 17 Sep 2015 19:22

Tgt Ion: 76 Resp: 671909

Ion Ratio Lower Upper

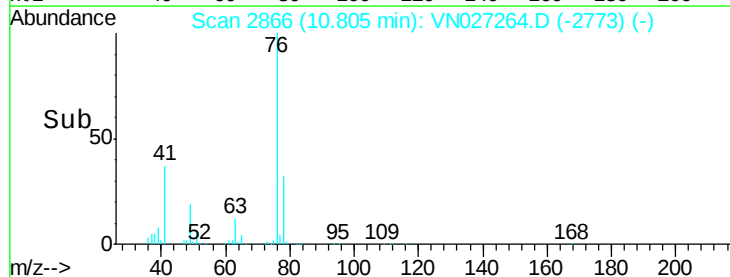
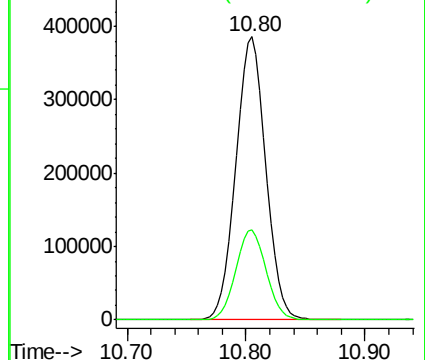
76 100

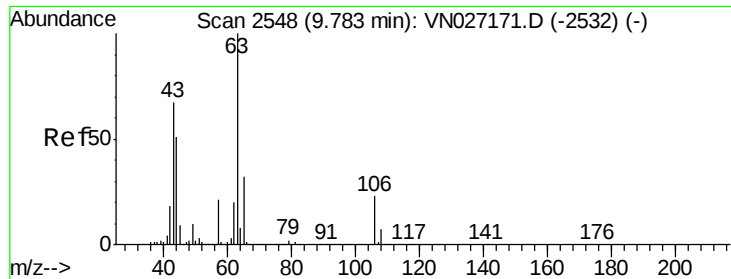
78 32.3 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

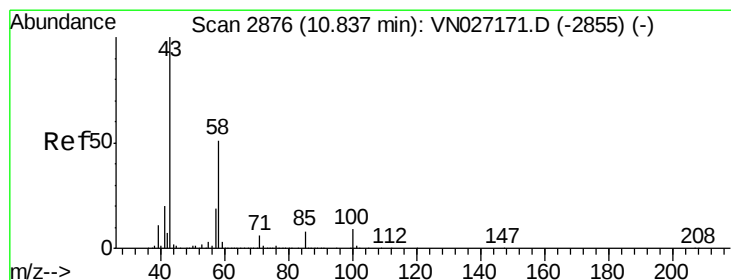
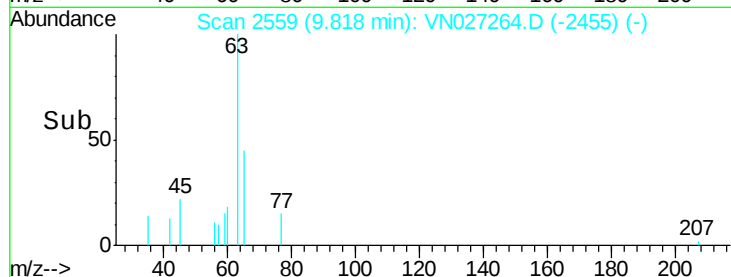
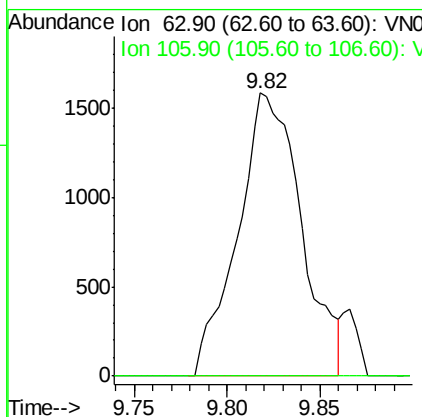
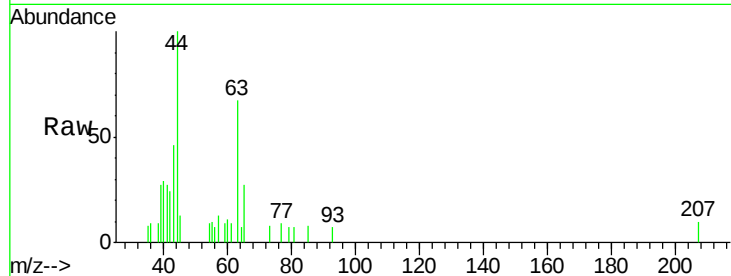




#59
 2-Chloroethyl Vinyl ether
 Concen: 0.64 ug/l
 RT: 9.82 min Scan# 2559
 Delta R.T. 0.04 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

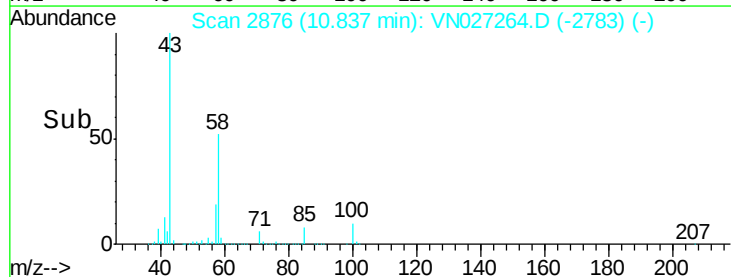
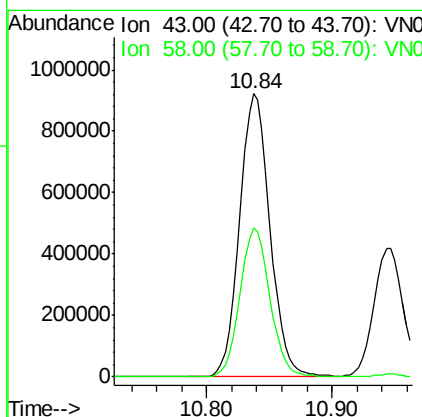
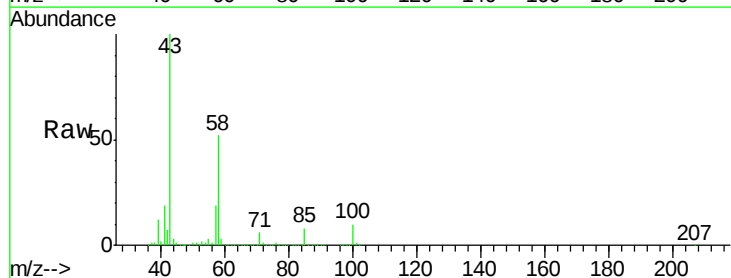
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

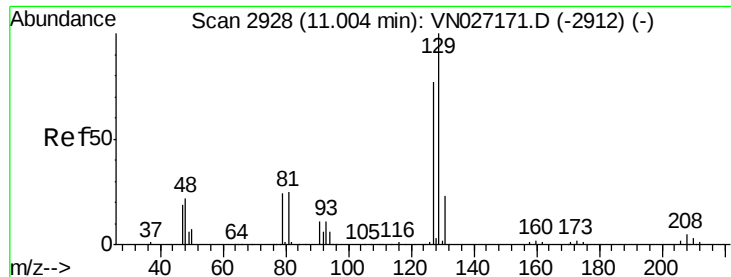
Tgt Ion: 63 Resp: 3784
 Ion Ratio Lower Upper
 63 100
 106 0.0 17.7 26.5#



#60
 2-Hexanone
 Concen: 225.61 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion: 43 Resp: 1548955
 Ion Ratio Lower Upper
 43 100
 58 52.2 26.2 78.5

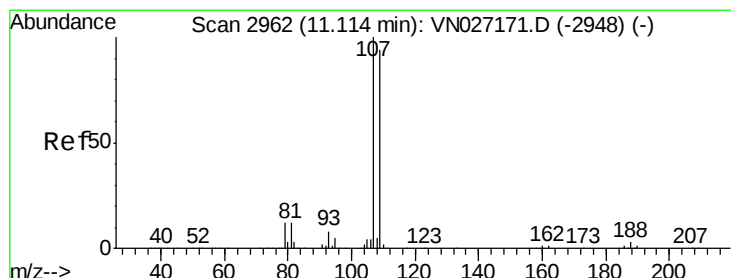
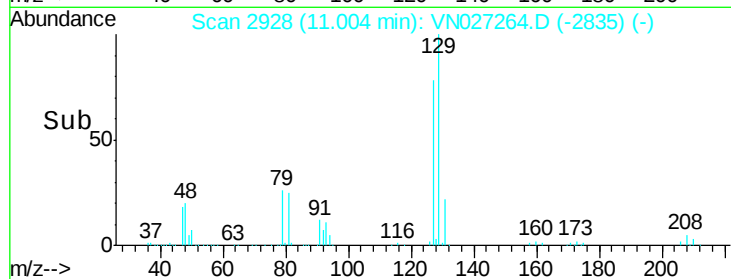
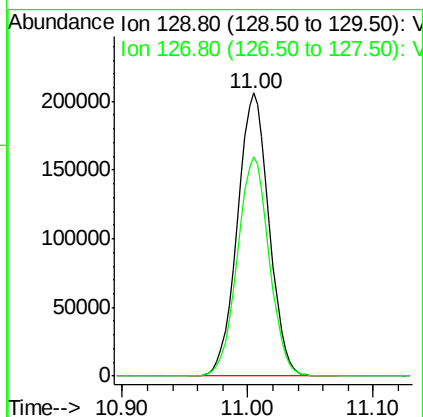
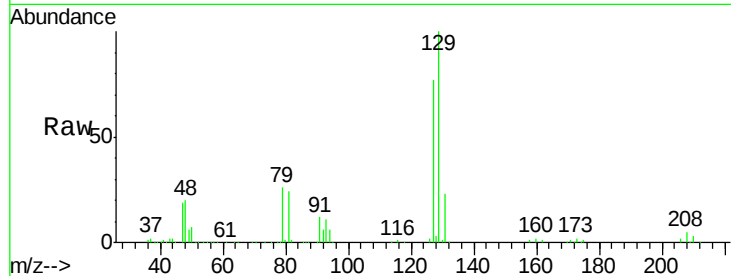




#61
 Dibromochloromethane
 Concen: 46.04 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

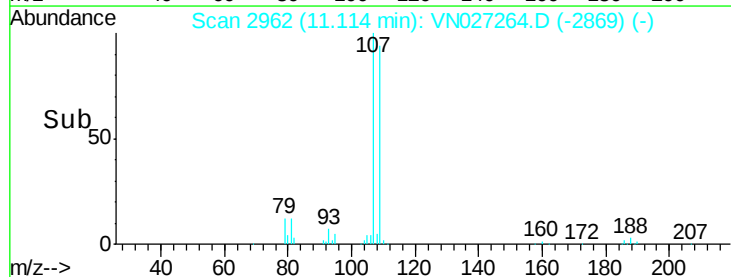
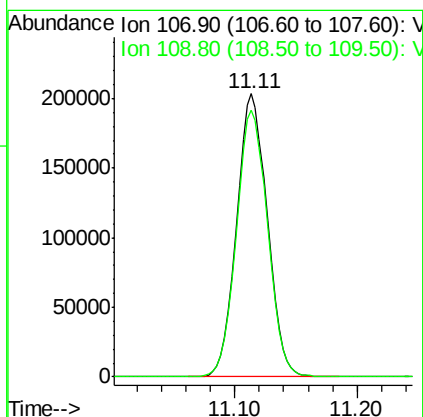
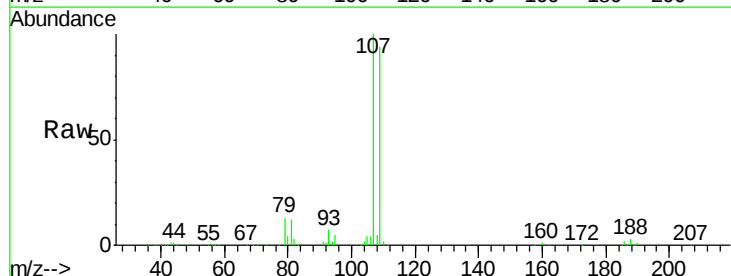
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

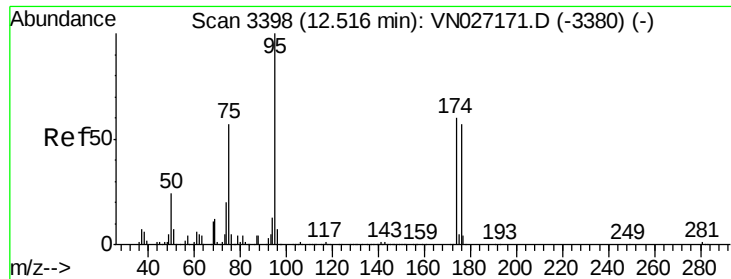
Tgt Ion:129 Resp: 360437
 Ion Ratio Lower Upper
 129 100
 127 77.7 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 46.78 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion:107 Resp: 352429
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.6 113.4

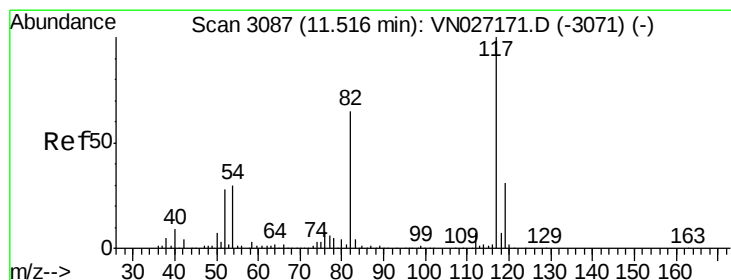
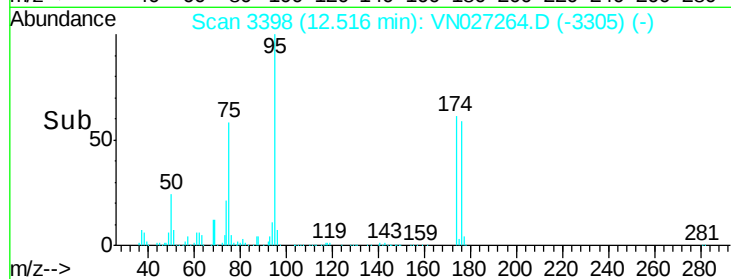
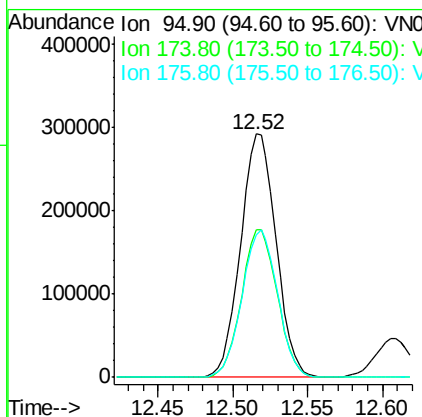
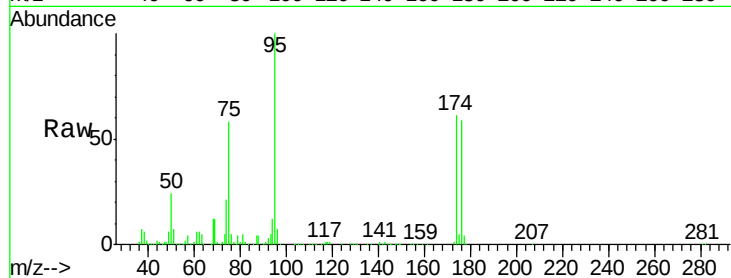




#63
4-Bromofluorobenzene
Concen: 49.17 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

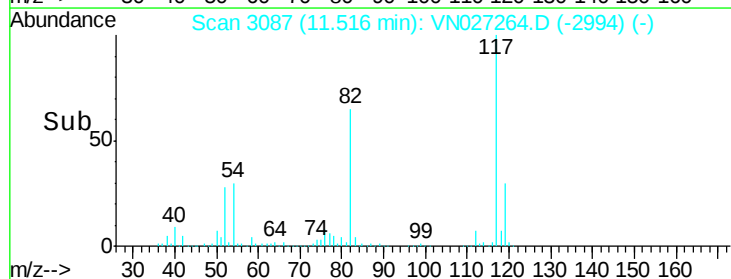
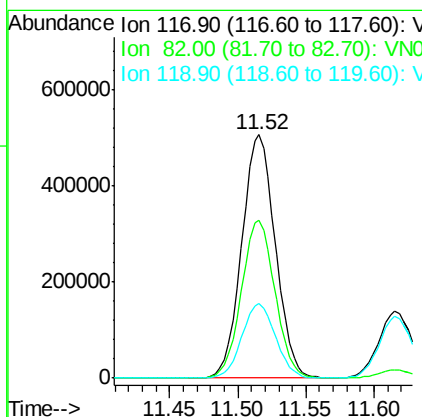
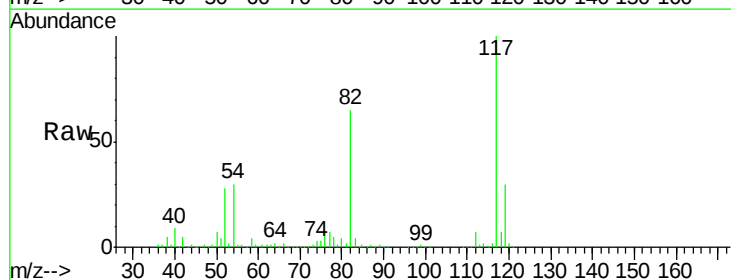
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

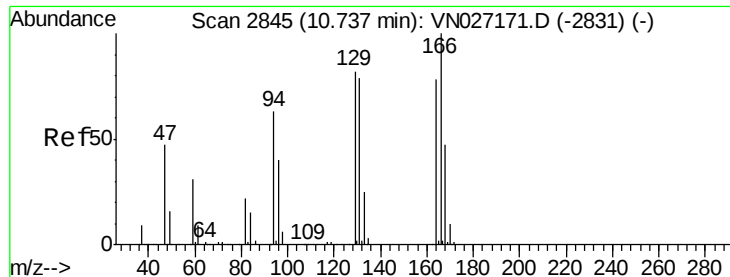
Tgt Ion	Ratio	Lower	Upper
95	100		
174	61.1	0.0	137.0
176	60.5	0.0	130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.9	49.6	74.4
119	30.4	24.6	36.8

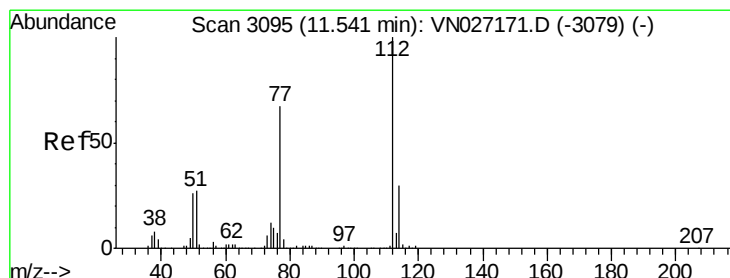
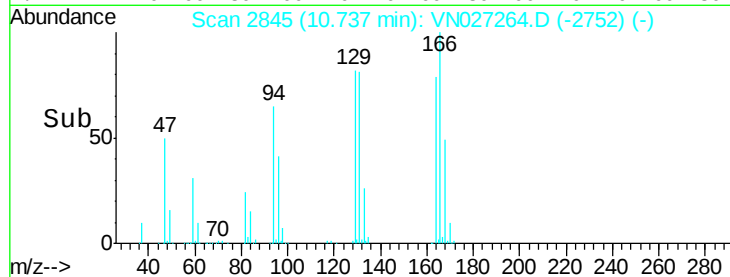
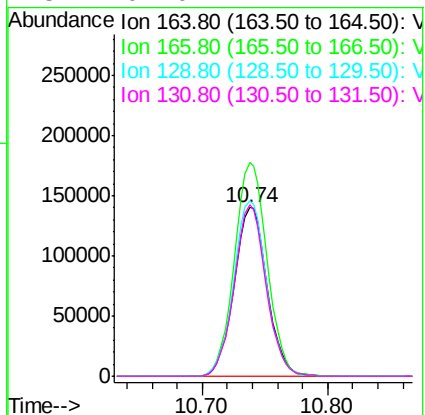
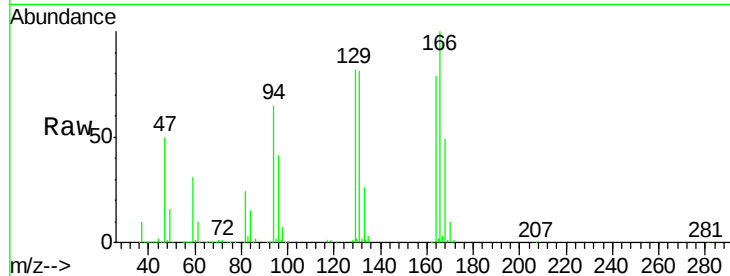




#65
Tetrachloroethene
Concen: 46.23 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

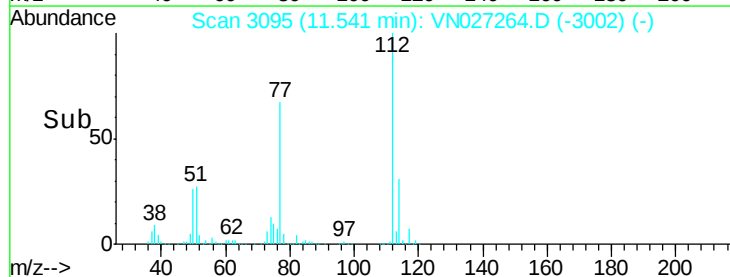
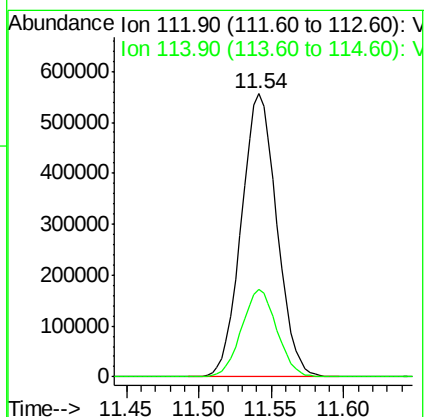
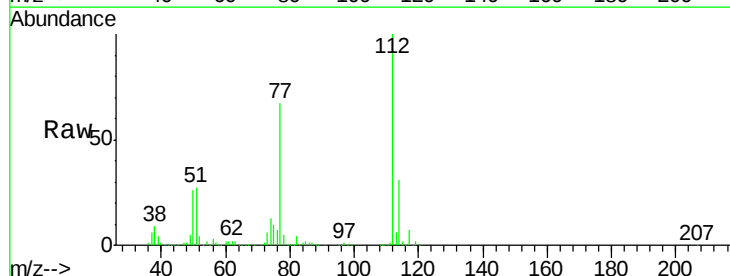
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

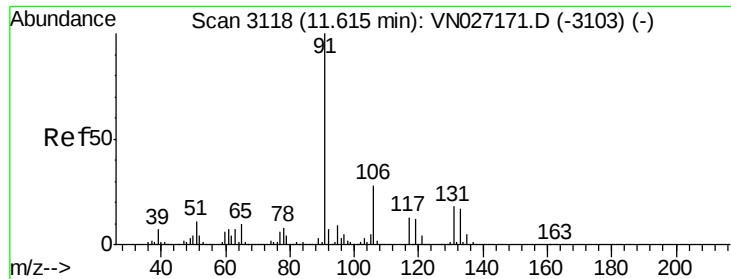
Tgt Ion:164 Resp: 255428
Ion Ratio Lower Upper
164 100
166 126.6 103.4 155.0
129 103.9 77.5 116.3
131 102.0 74.2 111.4



#66
Chlorobenzene
Concen: 46.53 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion:112 Resp: 949046
Ion Ratio Lower Upper
112 100
114 30.7 24.9 37.3





#67

1,1,1,2-Tetrachloroethane

Concen: 47.19 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

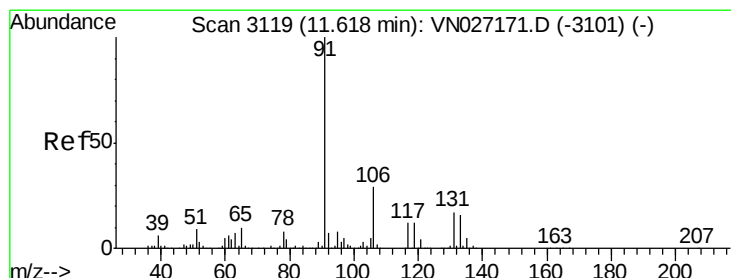
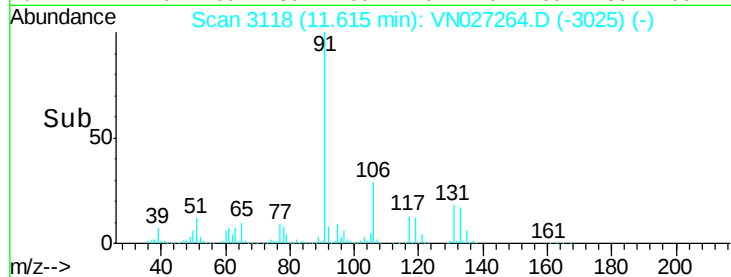
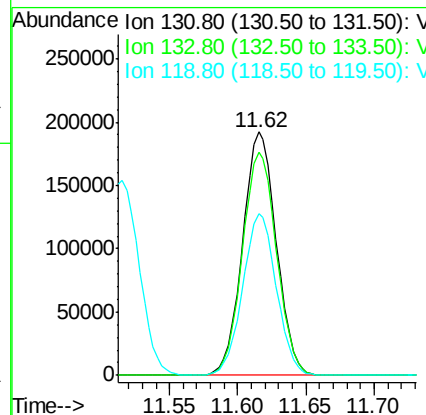
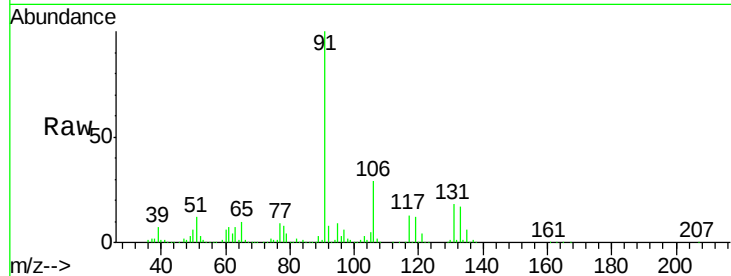
Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tgt Ion:	131	Resp:	328343
Ion	Ratio	Lower	Upper
131	100		
133	93.2	47.0	141.2
119	66.6	35.1	105.5



#68

Ethyl Benzene

Concen: 46.85 ug/l

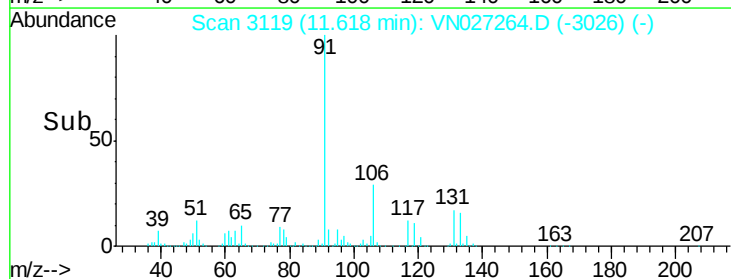
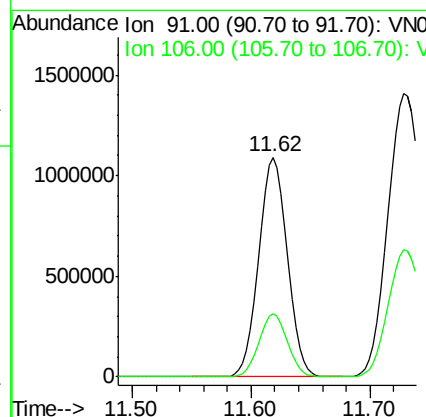
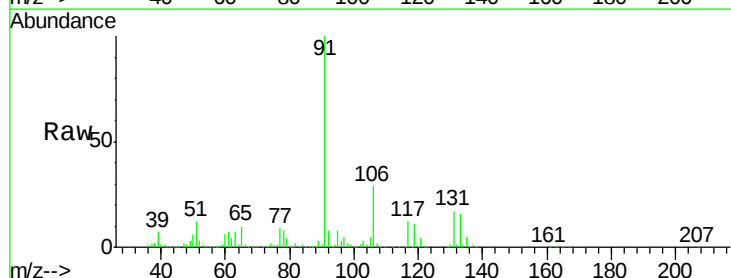
RT: 11.62 min Scan# 3119

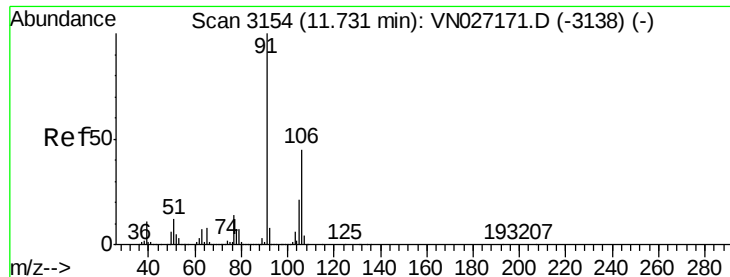
Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion:	91	Resp:	1812075
Ion	Ratio	Lower	Upper
91	100		
106	28.9	23.1	34.7





#69

m/p-Xylenes

Concen: 94.05 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

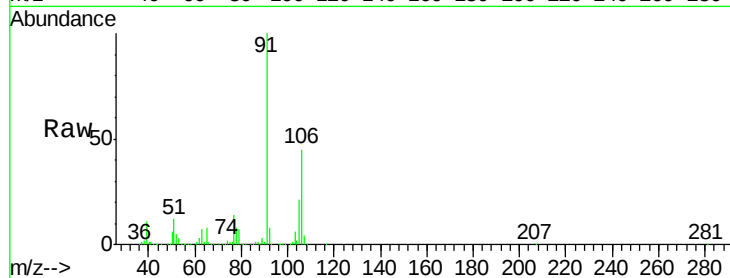
MW-12-9-15-15MS

Tgt Ion:106 Resp: 1255050

Ion Ratio Lower Upper

106 100

91 222.7 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

1500000

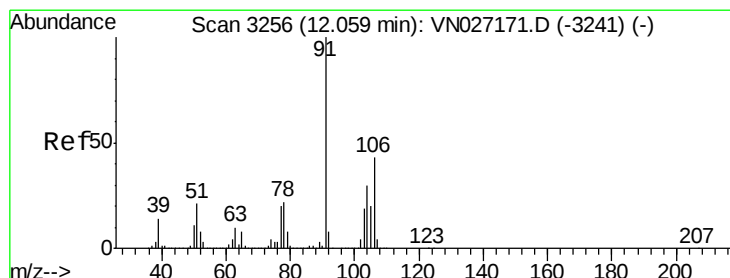
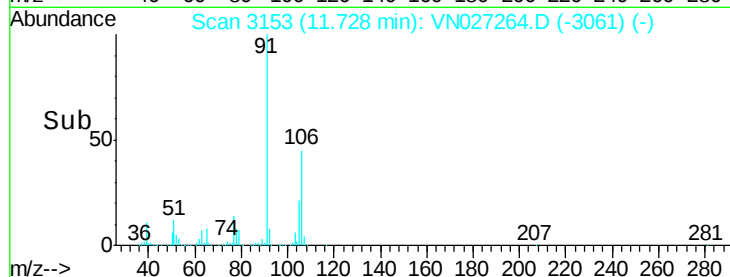
1000000

500000

0

11.60 11.70 11.80

Time-->



#70

o-Xylene

Concen: 46.39 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027264.D

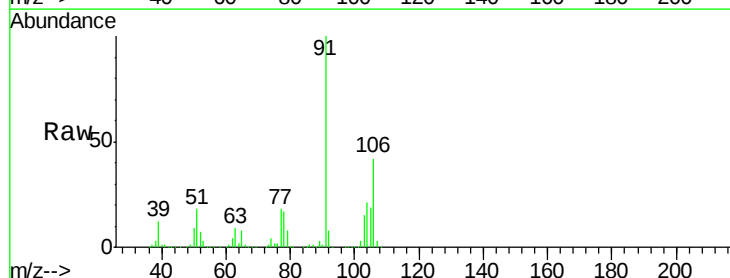
Acq: 17 Sep 2015 19:22

Tgt Ion:106 Resp: 620621

Ion Ratio Lower Upper

106 100

91 237.2 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

1000000

800000

600000

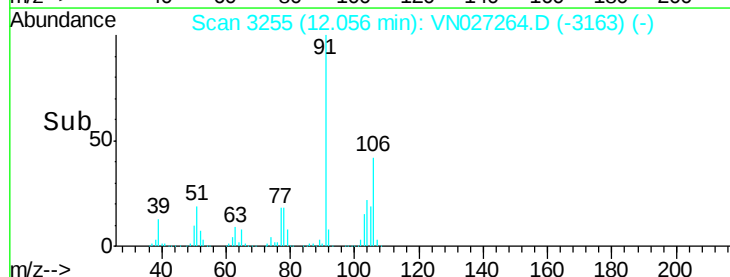
400000

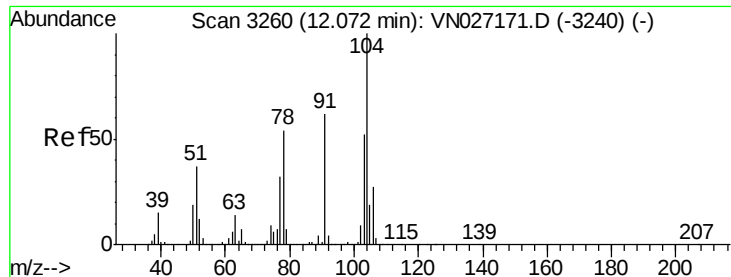
200000

0

12.00 12.05 12.10 12.15

Time-->

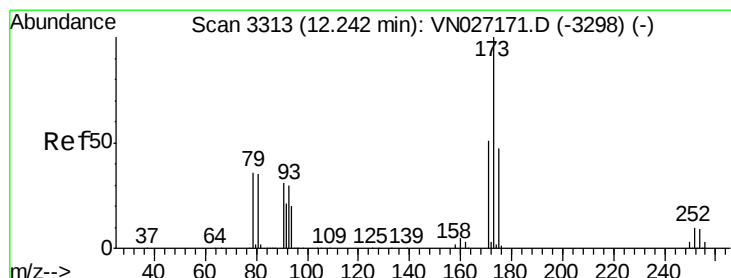
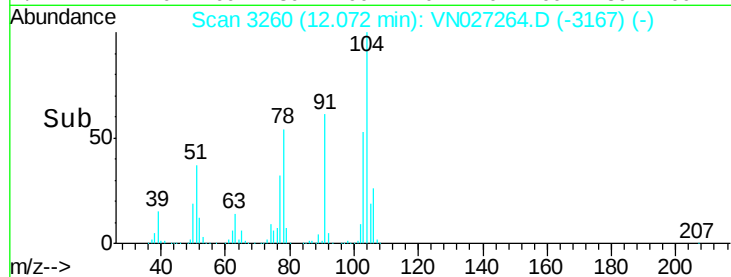
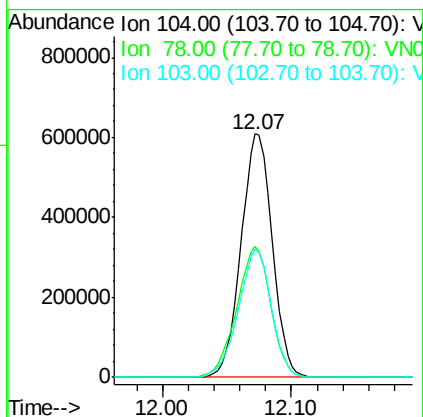
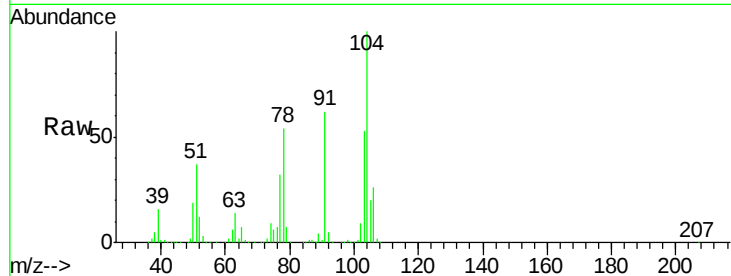




#71
Styrene
Concen: 47.53 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

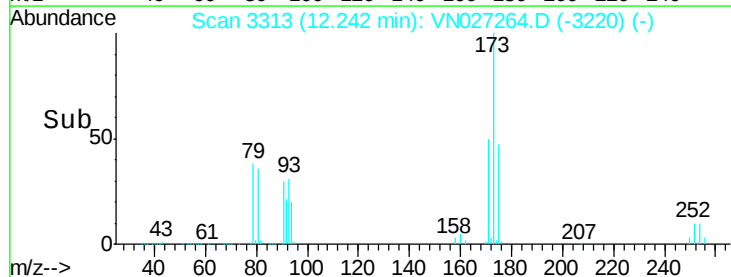
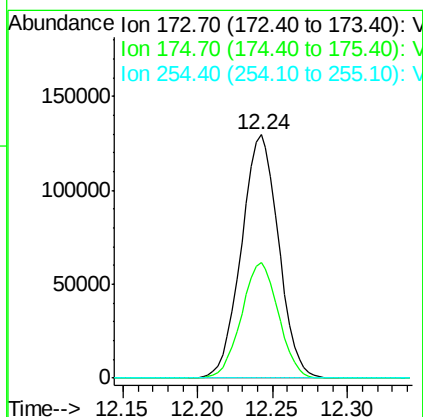
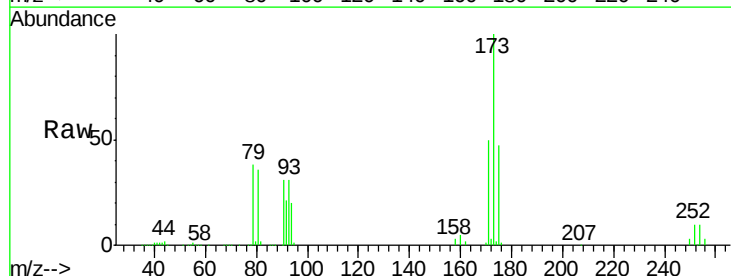
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

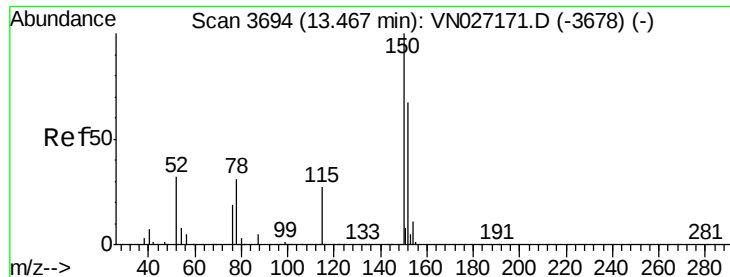
Tgt Ion:104 Resp: 1026360
Ion Ratio Lower Upper
104 100
78 58.5 41.6 62.4
103 55.8 44.2 66.2



#72
Bromoform
Concen: 46.31 ug/l
RT: 12.24 min Scan# 3313
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion:173 Resp: 224059
Ion Ratio Lower Upper
173 100
175 47.3 24.4 73.4
254 0.0 0.1 0.1#





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

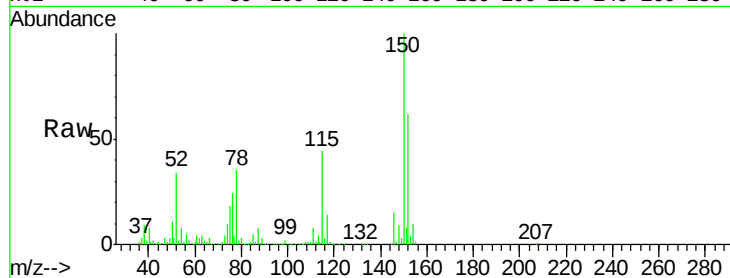
Tgt Ion:152 Resp: 328316

Ion Ratio Lower Upper

152 100

115 70.0 30.8 92.3

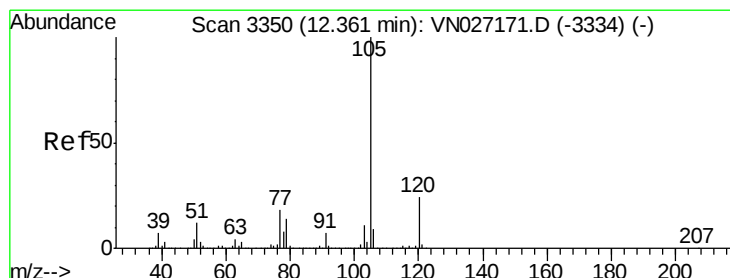
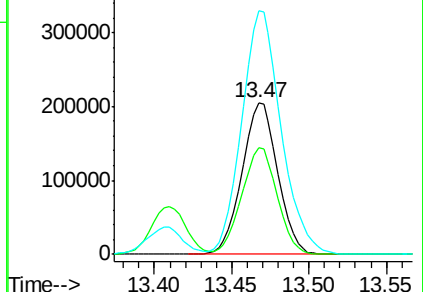
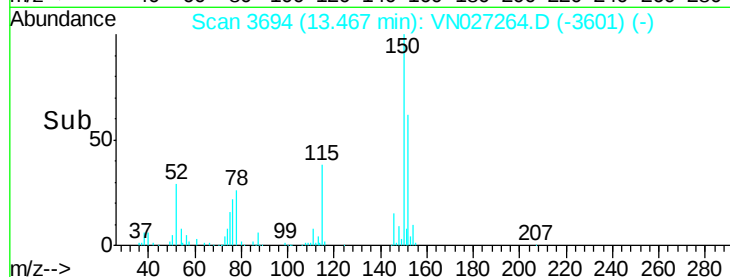
150 177.6 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

Isopropylbenzene

Concen: 46.57 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN027264.D

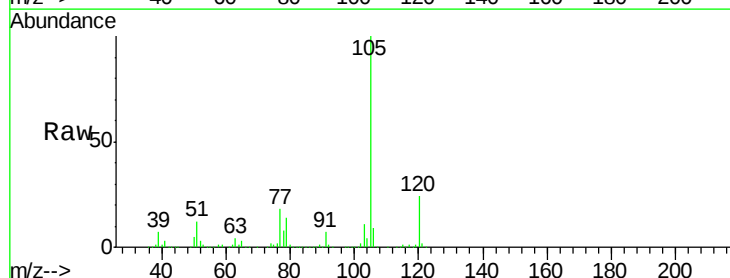
Acq: 17 Sep 2015 19:22

Tgt Ion:105 Resp: 1684730

Ion Ratio Lower Upper

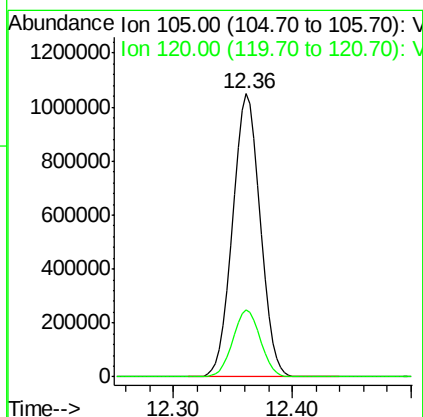
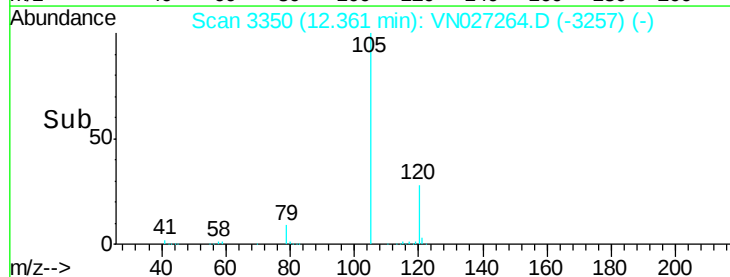
105 100

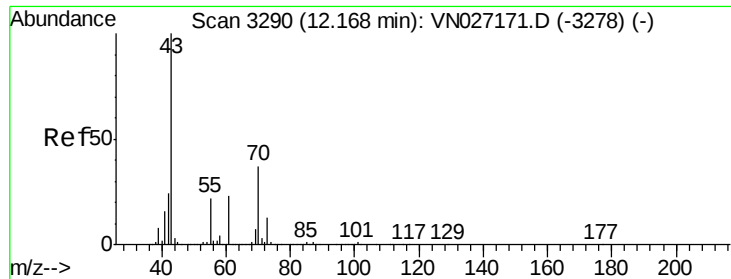
120 23.7 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

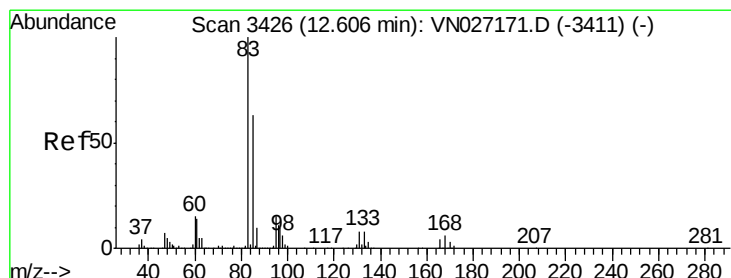
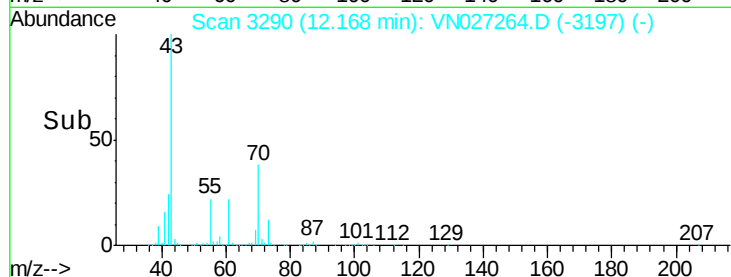
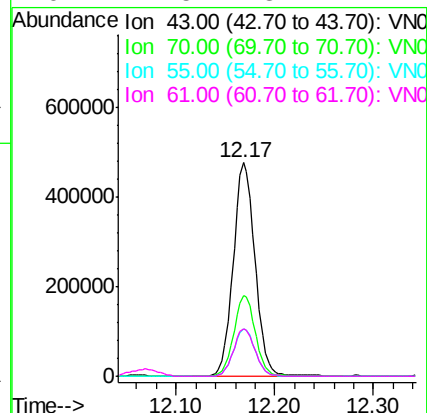
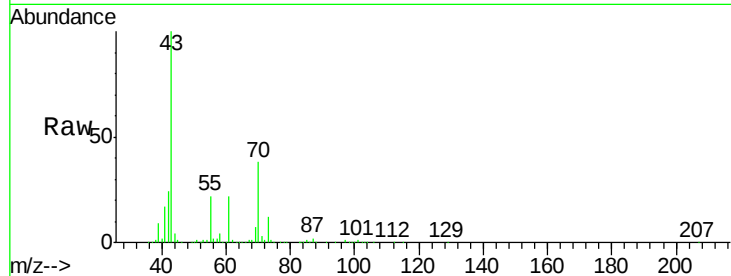




#75
N-amyI acetate
Concen: 45.48 ug/l
RT: 12.17 min Scan# 3290
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

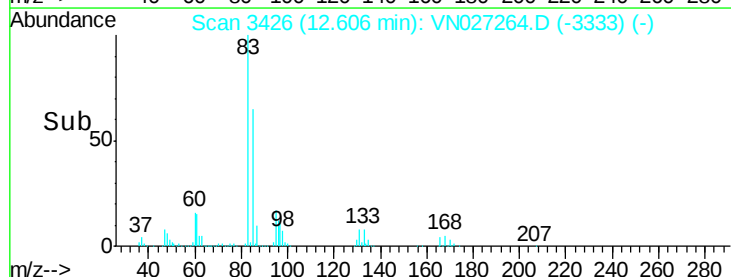
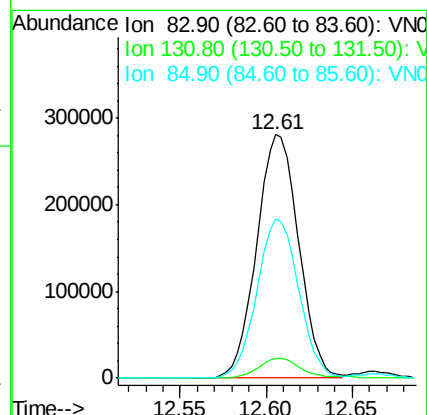
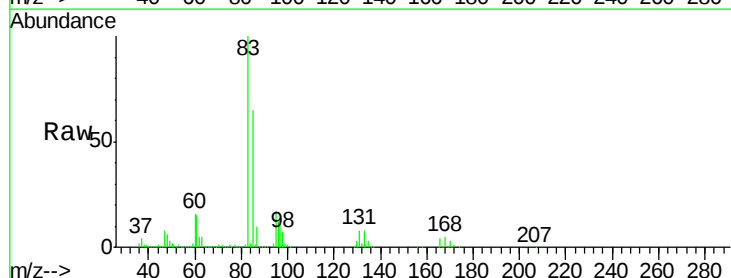
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

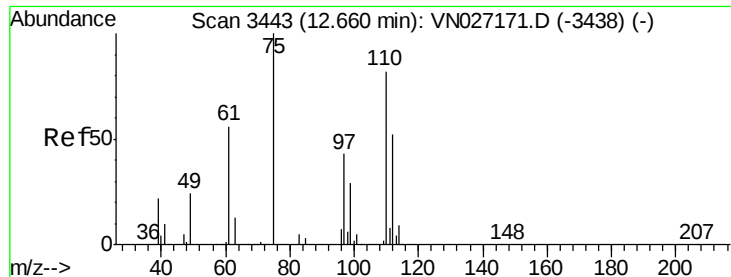
Tgt Ion:	43	Resp:	734371
Ion	Ratio	Lower	Upper
43	100		
70	37.4	29.8	44.8
55	22.1	19.4	29.0
61	22.5	18.2	27.2



#76
1,1,2,2-Tetrachloroethane
Concen: 51.07 ug/l
RT: 12.61 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion:	83	Resp:	476304
Ion	Ratio	Lower	Upper
83	100		
131	8.3	4.1	12.3
85	65.2	31.9	95.7





#77

1,2,3-Trichloropropane

Concen: 67.67 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

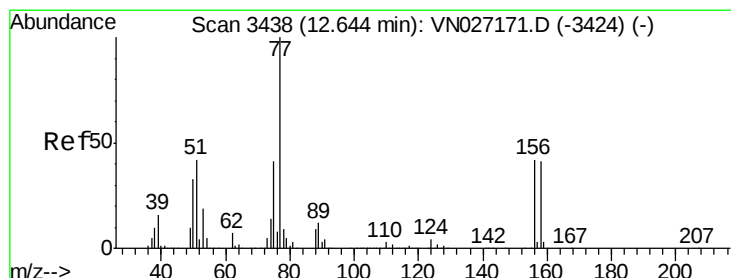
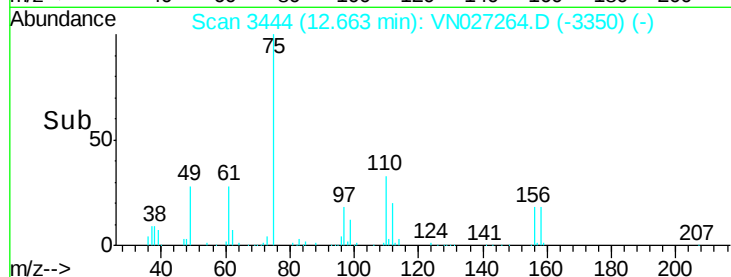
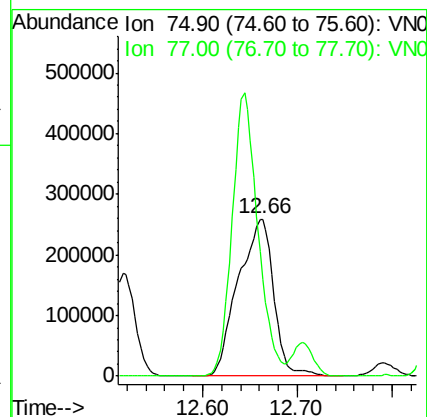
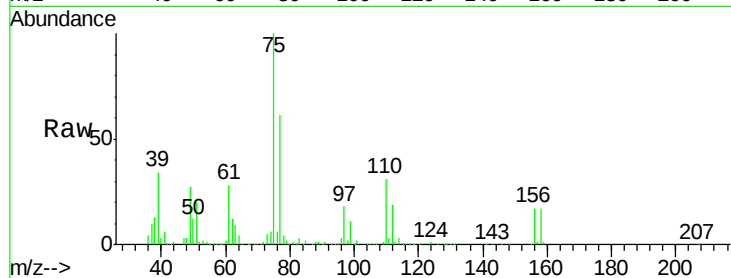
MW-12-9-15-15MS

Tgt Ion: 75 Resp: 671437

Ion Ratio Lower Upper

75 100

77 131.8 103.1 309.3



#78

Bromobenzene

Concen: 46.46 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

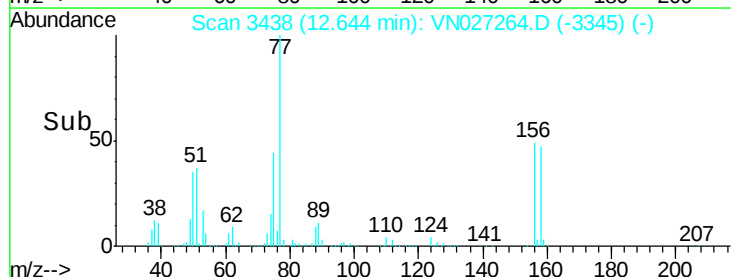
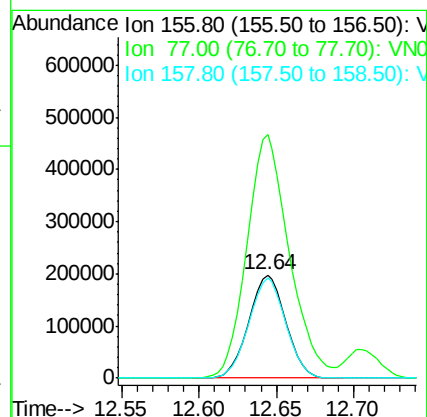
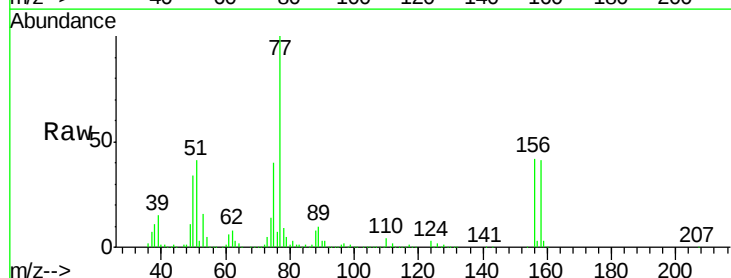
Tgt Ion: 156 Resp: 329655

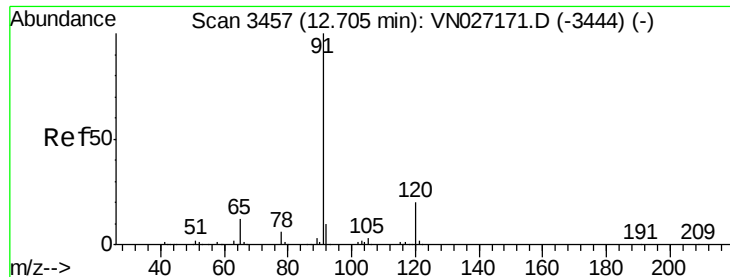
Ion Ratio Lower Upper

156 100

77 268.4 127.3 381.9

158 97.0 48.0 144.2





#79

n-propylbenzene

Concen: 46.94 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

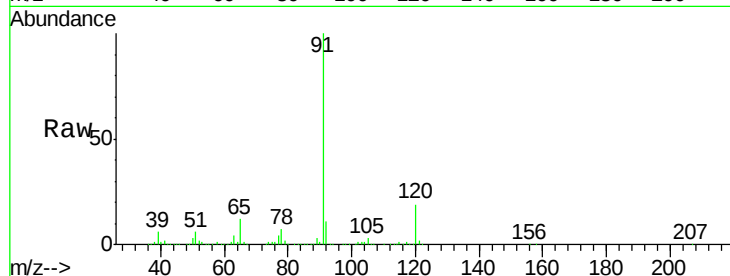
MW-12-9-15-15MS

Tgt Ion: 91 Resp: 1997956

Ion Ratio Lower Upper

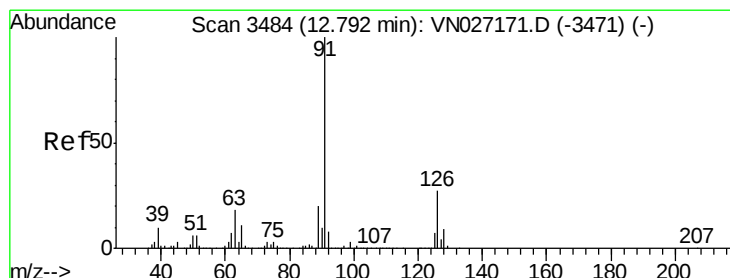
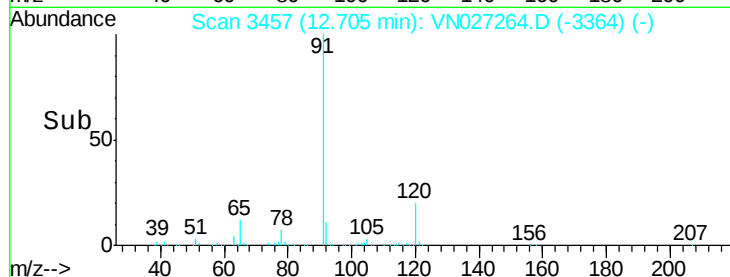
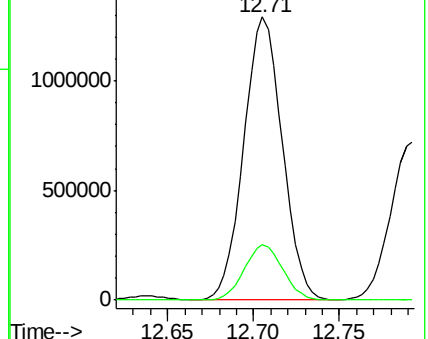
91 100

120 19.6 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: 46.80 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. -0.00 min

Lab File: VN027264.D

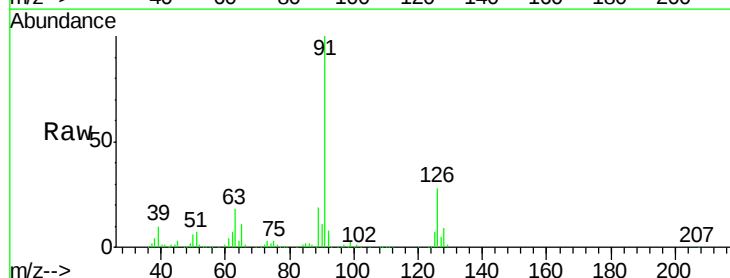
Acq: 17 Sep 2015 19:22

Tgt Ion: 91 Resp: 1196152

Ion Ratio Lower Upper

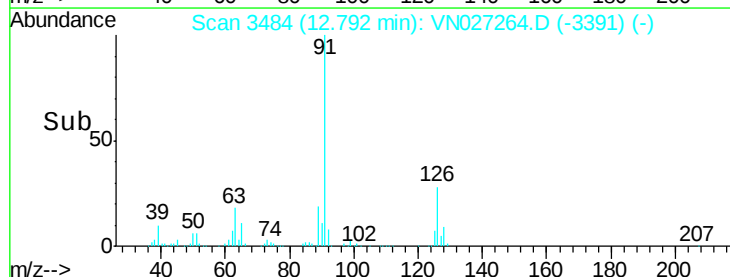
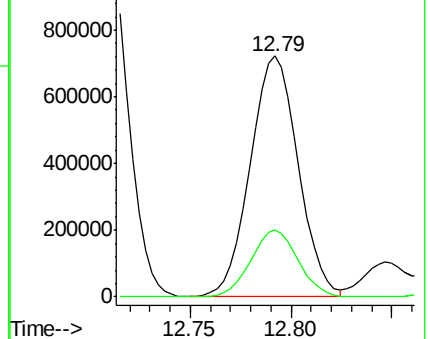
91 100

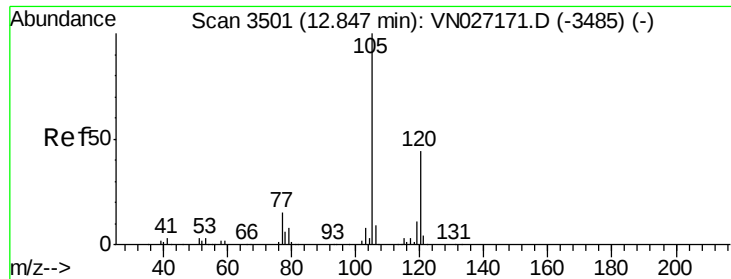
126 27.6 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

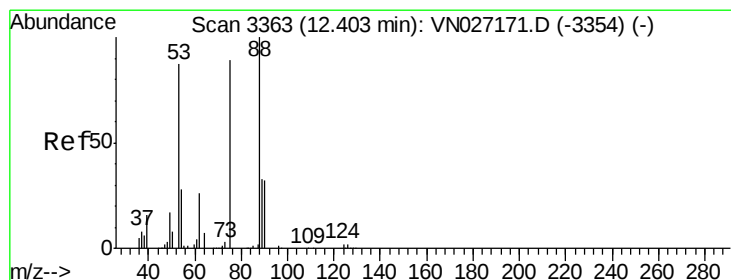
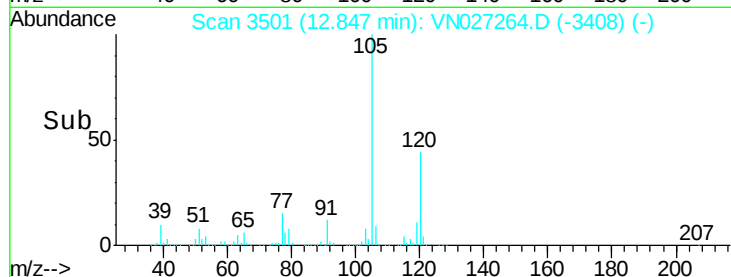
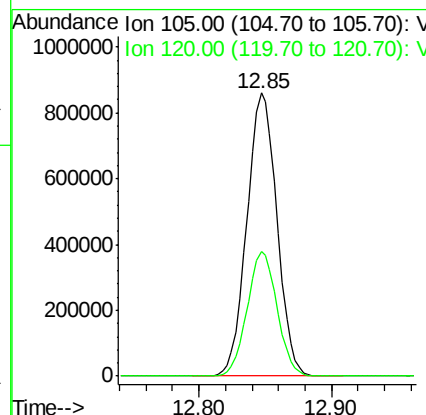
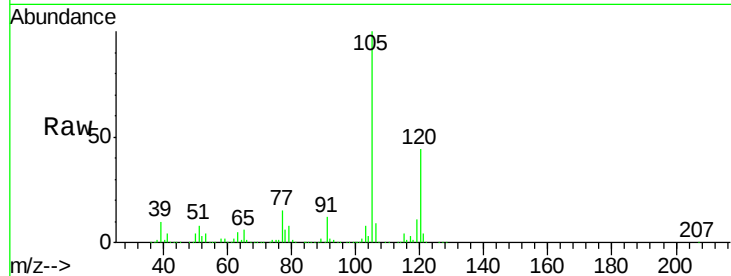




#81
 1,3,5-Trimethylbenzene
 Concen: 46.40 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

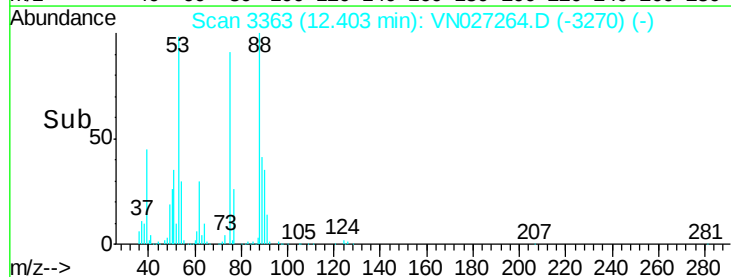
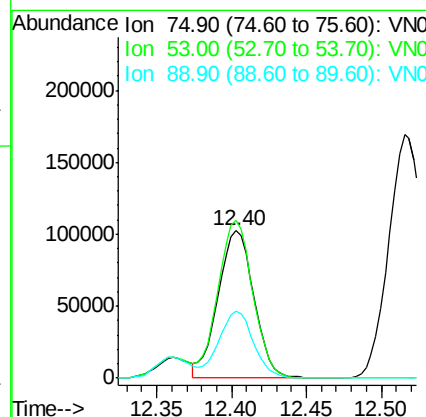
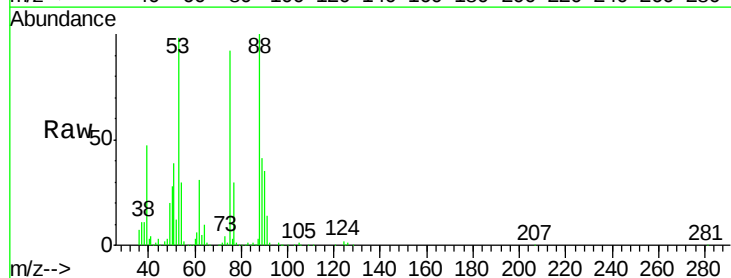
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

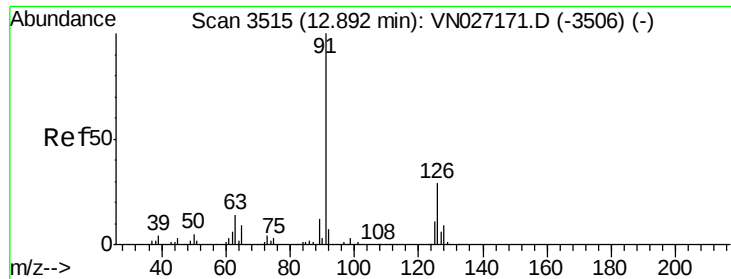
Tgt Ion:105 Resp: 1348829
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 42.31 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion: 75 Resp: 170934
 Ion Ratio Lower Upper
 75 100
 53 103.8 92.9 139.3
 89 44.2 34.2 51.4

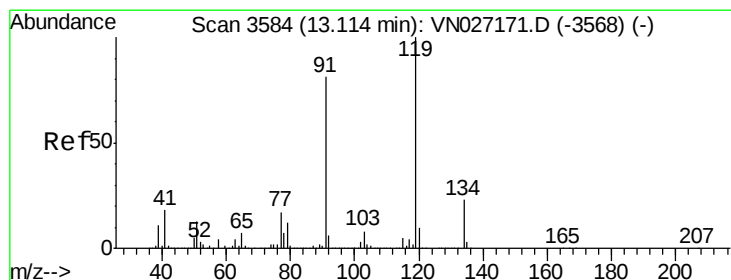
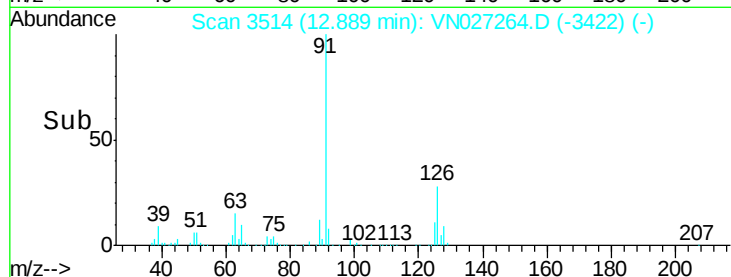
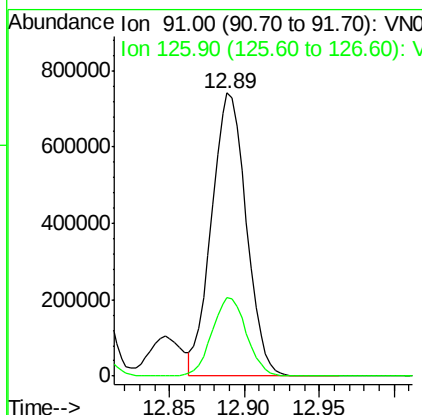
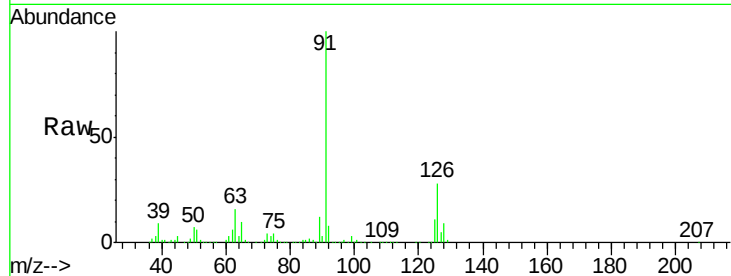




#83
4-Chlorotoluene
Concen: 47.53 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

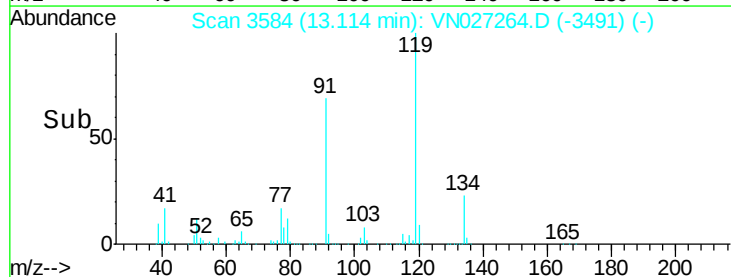
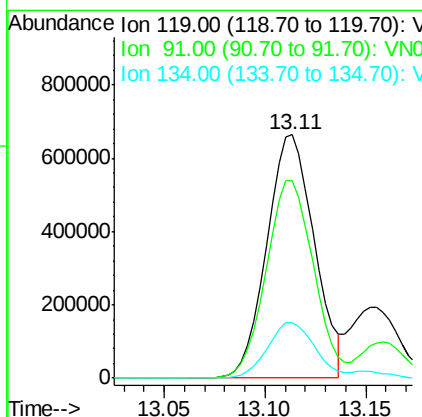
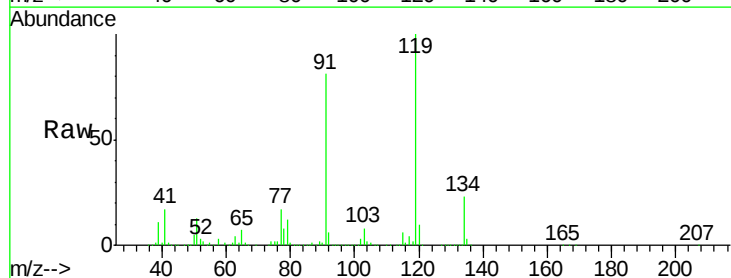
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

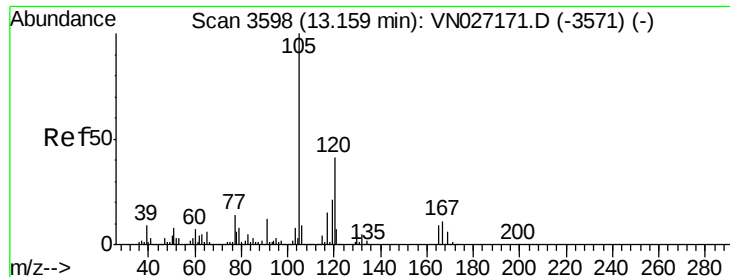
Tgt Ion: 91 Resp: 1193579
Ion Ratio Lower Upper
91 100
126 27.6 14.9 44.5



#84
tert-Butylbenzene
Concen: 45.28 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 119 Resp: 1085739
Ion Ratio Lower Upper
119 100
91 80.8 34.6 103.8
134 23.1 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 46.83 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

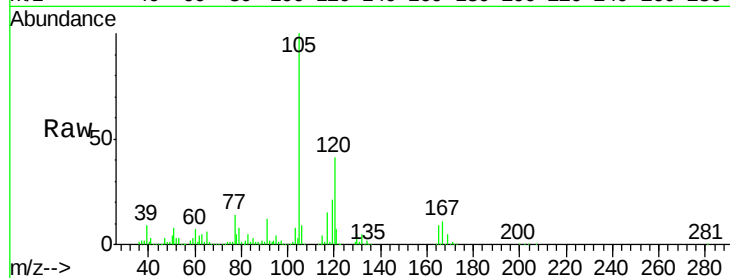
MW-12-9-15-15MS

Tgt Ion:105 Resp: 1367091

Ion Ratio Lower Upper

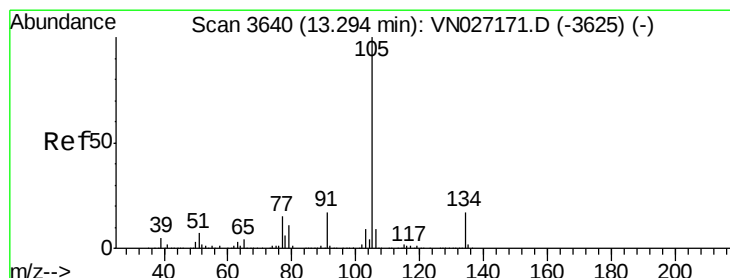
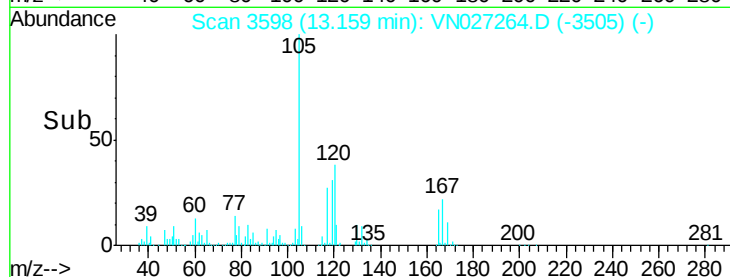
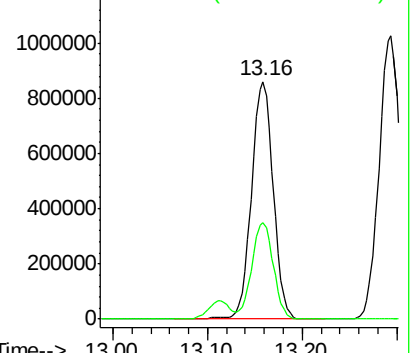
105 100

120 40.5 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

sec-Butylbenzene

Concen: 46.56 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027264.D

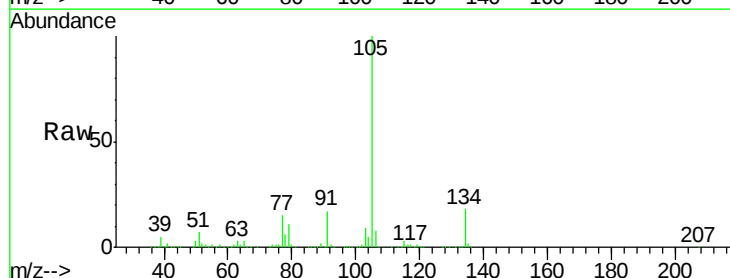
Acq: 17 Sep 2015 19:22

Tgt Ion:105 Resp: 1635546

Ion Ratio Lower Upper

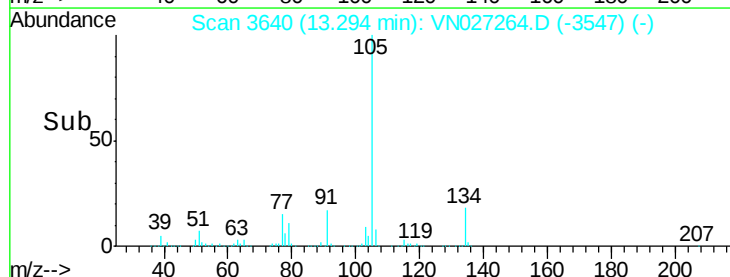
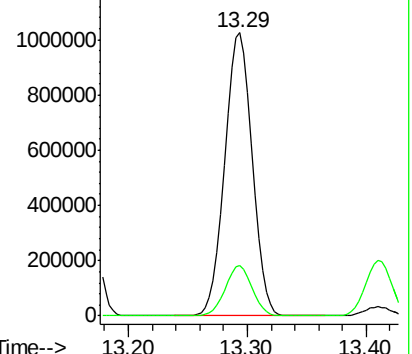
105 100

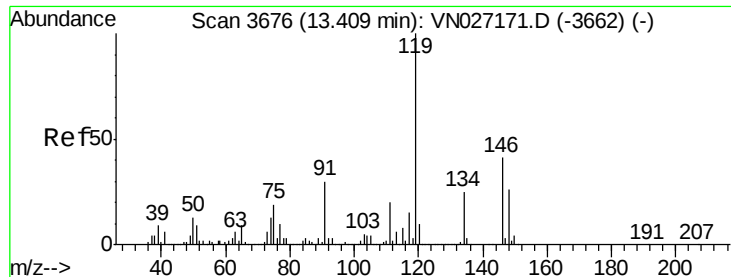
134 17.4 8.8 26.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

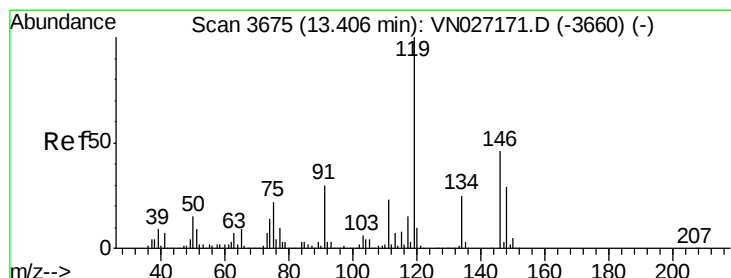
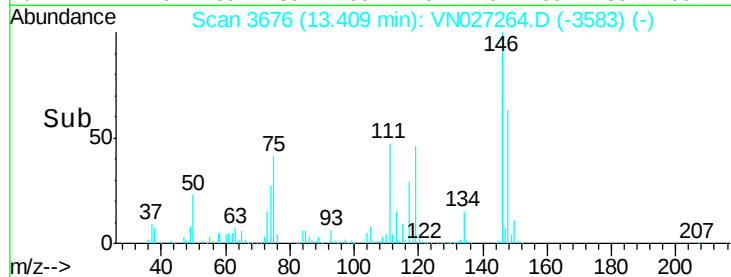
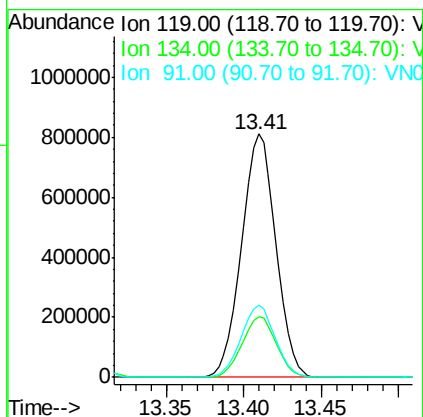
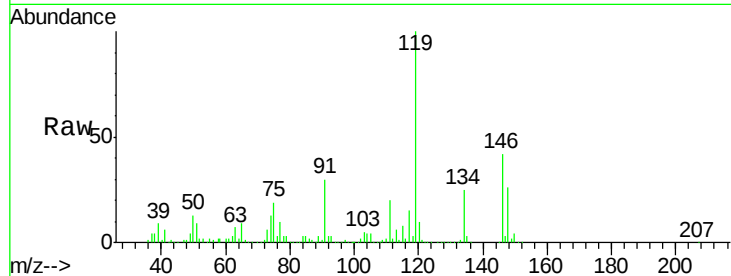




#87
p-Isopropyltoluene
Concen: 46.10 ug/l
RT: 13.41 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

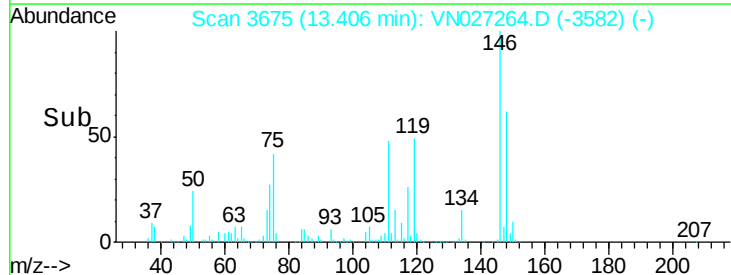
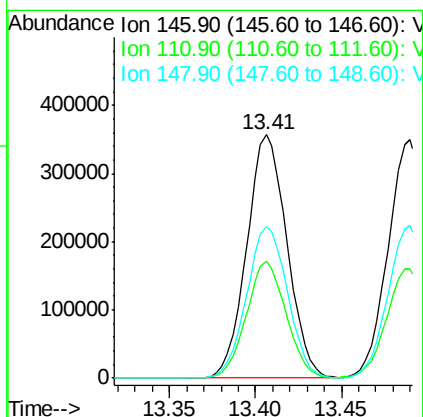
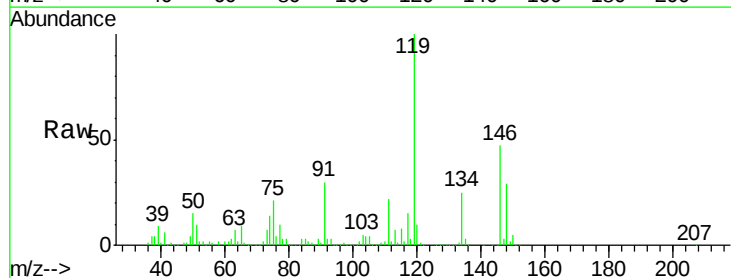
Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

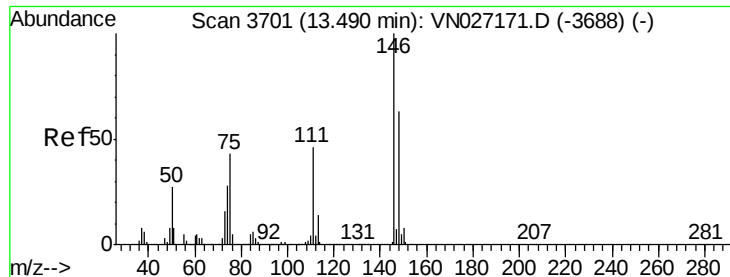
Tgt Ion:119 Resp: 1247310
Ion Ratio Lower Upper
119 100
134 24.9 12.4 37.0
91 29.4 12.0 36.1



#88
1,3-Dichlorobenzene
Concen: 47.59 ug/l
RT: 13.41 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion:146 Resp: 577777
Ion Ratio Lower Upper
146 100
111 47.4 21.0 63.0
148 63.3 31.9 95.9

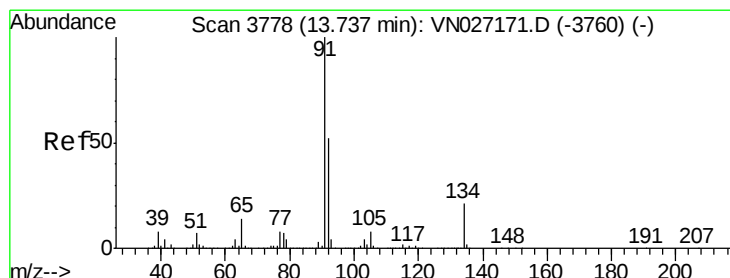
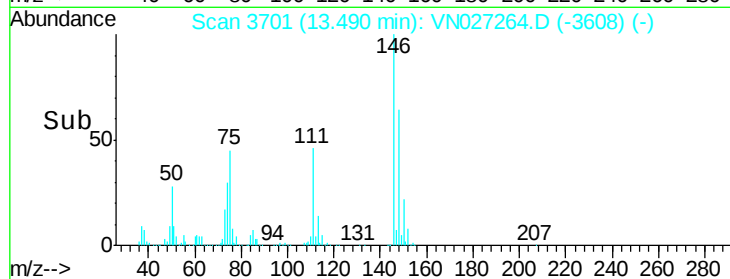
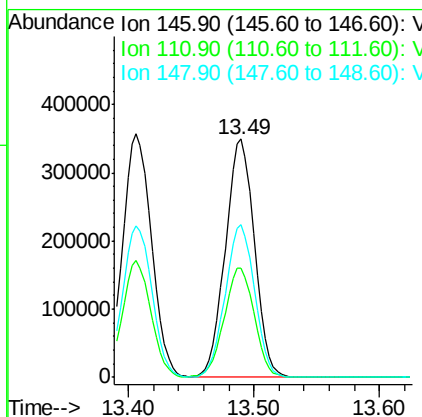
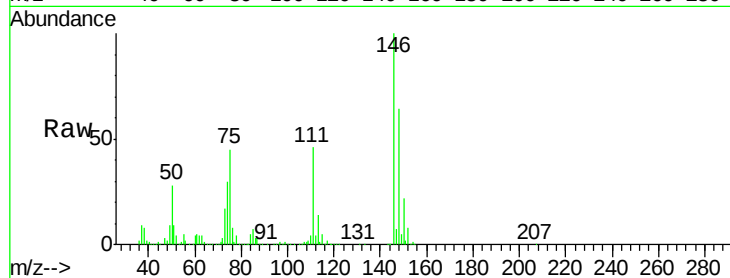




#89
 1,4-Dichlorobenzene
 Concen: 45.69 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

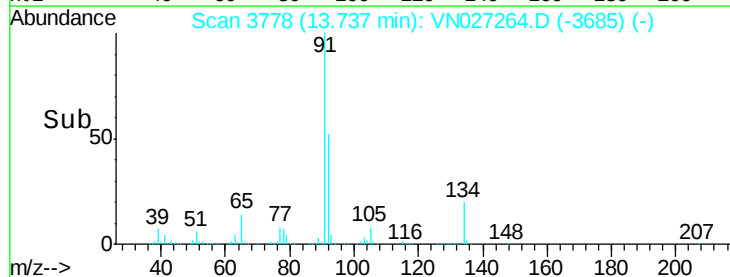
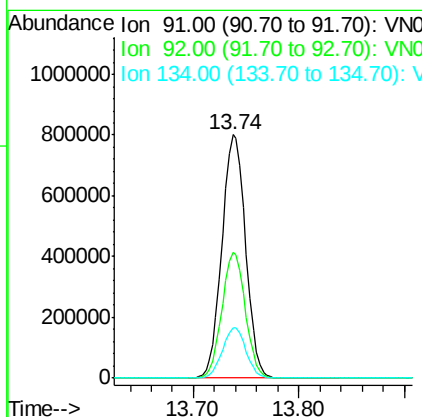
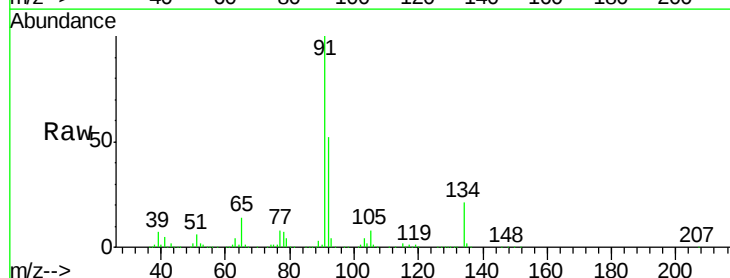
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

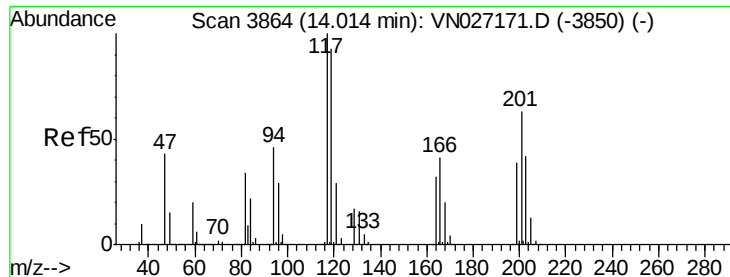
Tgt Ion:146 Resp: 561765
 Ion Ratio Lower Upper
 146 100
 111 47.2 19.9 59.6
 148 64.3 31.7 95.1



#90
 n-Butylbenzene
 Concen: 47.19 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion: 91 Resp: 1238996
 Ion Ratio Lower Upper
 91 100
 92 51.1 26.1 78.2
 134 20.6 11.1 33.1





#91

Hexachloroethane

Concen: 44.68 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

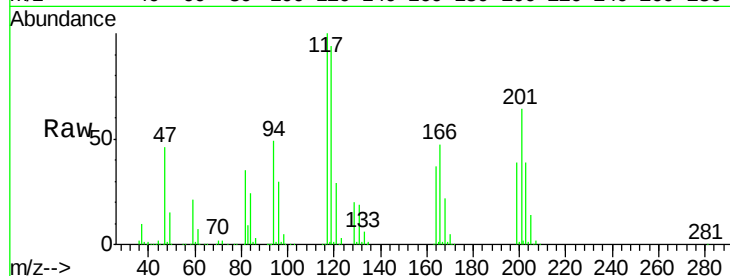
MW-12-9-15-15MS

Tgt Ion:117 Resp: 264554

Ion Ratio Lower Upper

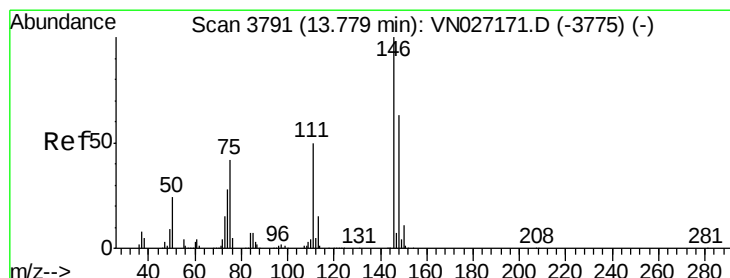
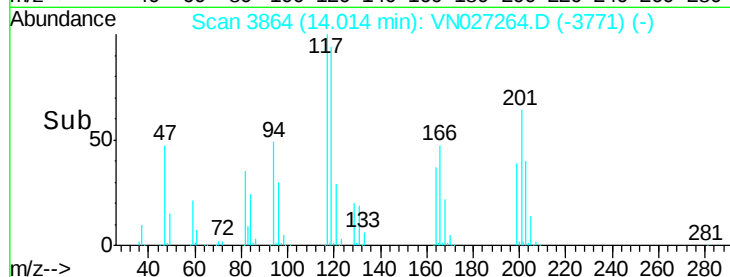
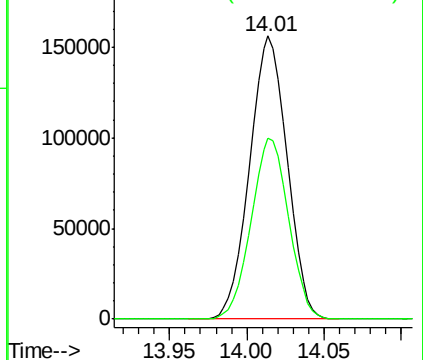
117 100

201 63.7 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 48.27 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

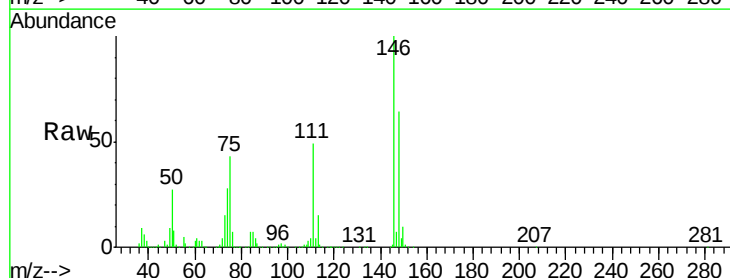
Tgt Ion:146 Resp: 579072

Ion Ratio Lower Upper

146 100

111 49.3 22.1 66.3

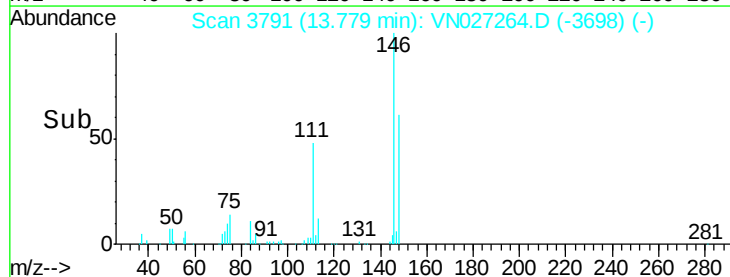
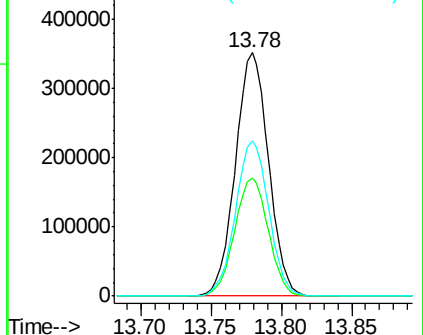
148 64.1 32.0 96.0

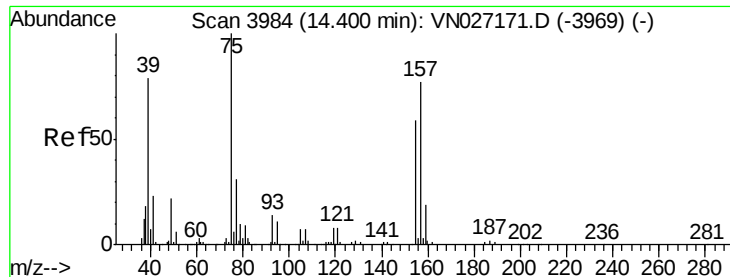


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 46.13 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

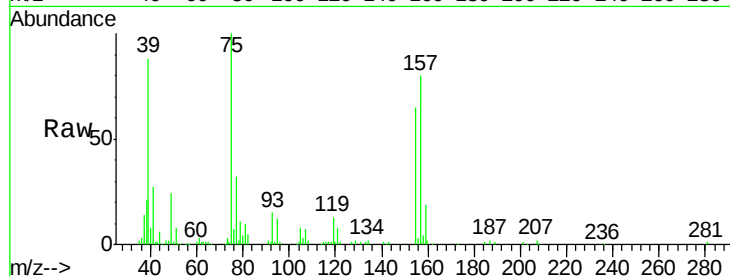
Tgt Ion: 75 Resp: 95529

Ion Ratio Lower Upper

75 100

155 60.7 35.6 106.9

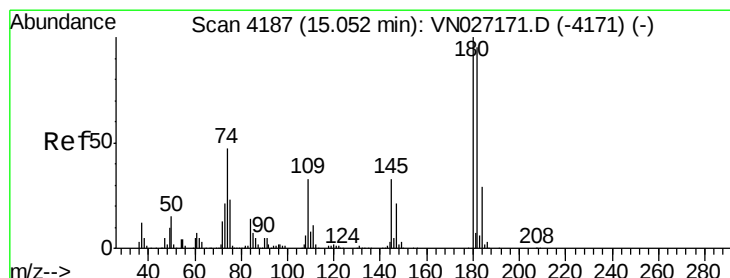
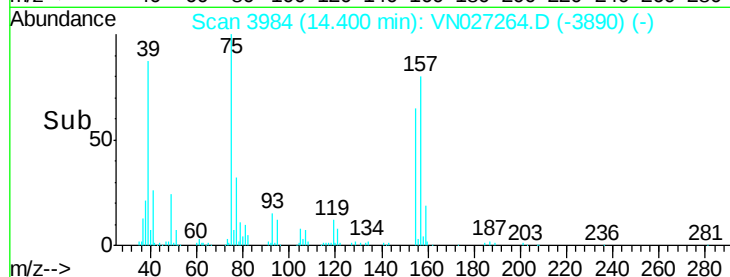
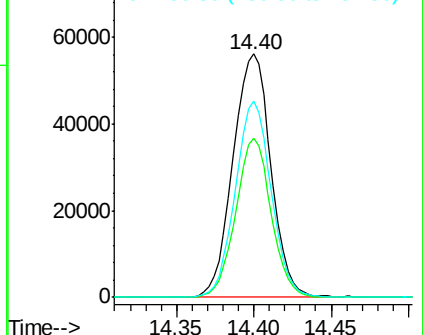
157 76.2 44.6 133.8



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) (-)



#94

1,2,4-Trichlorobenzene

Concen: 48.46 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

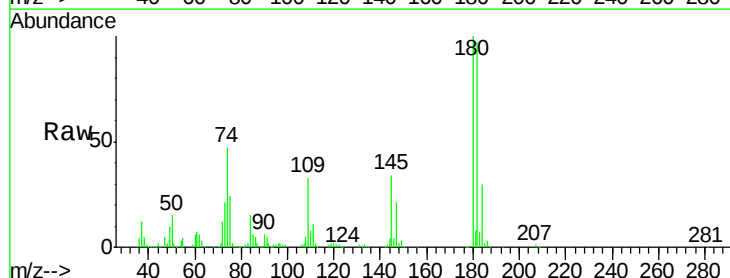
Tgt Ion: 180 Resp: 314090

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.5

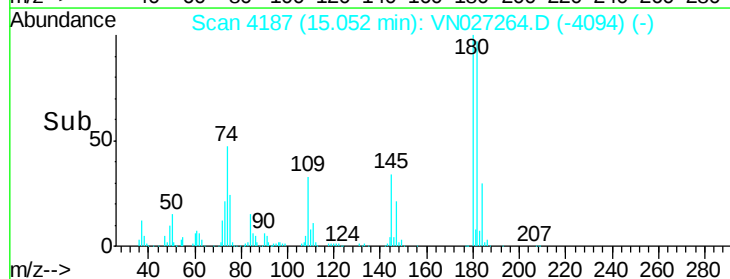
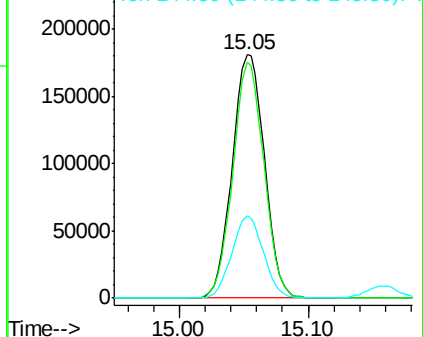
145 33.0 15.1 45.3

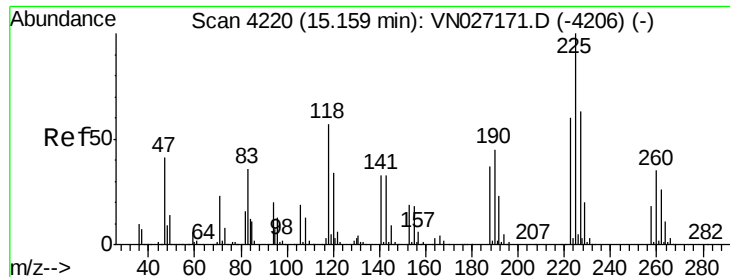


Abundance Ion 179.80 (179.50 to 180.50): VN027171.D (-4171) (-)

Ion 181.80 (181.50 to 182.50): VN027171.D (-4171) (-)

Ion 144.80 (144.50 to 145.50): VN027171.D (-4171) (-)





#95

Hexachlorobutadiene

Concen: 45.50 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

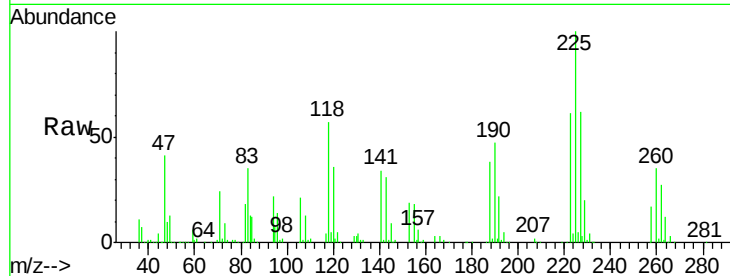
Tgt Ion:225 Resp: 155313

Ion Ratio Lower Upper

225 100

223 61.3 30.8 92.3

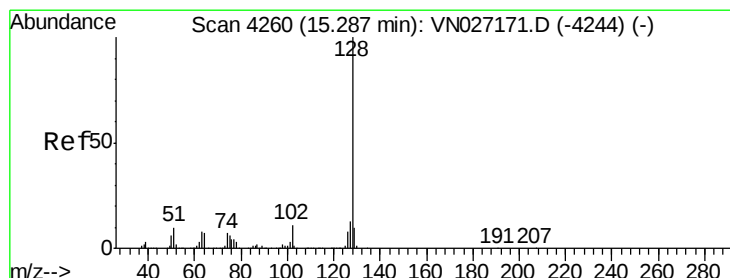
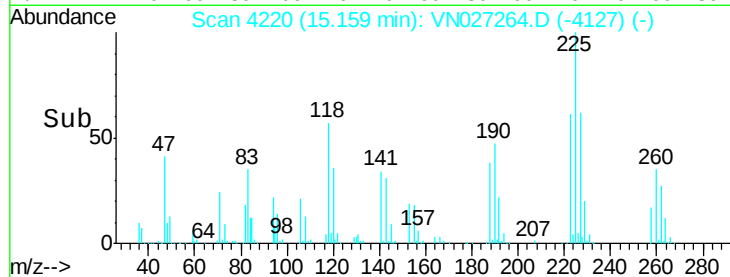
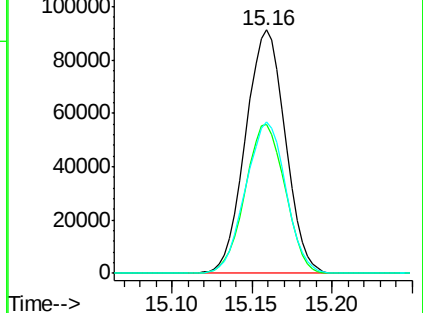
227 62.8 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 47.66 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

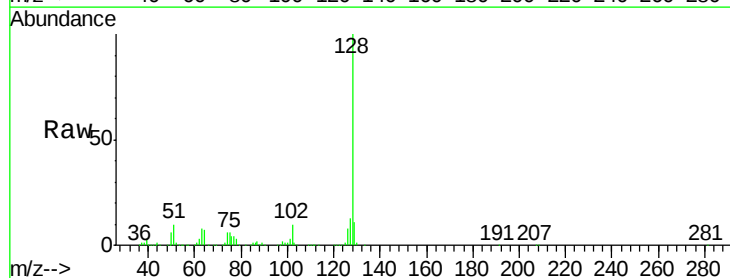
Tgt Ion:128 Resp: 905468

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

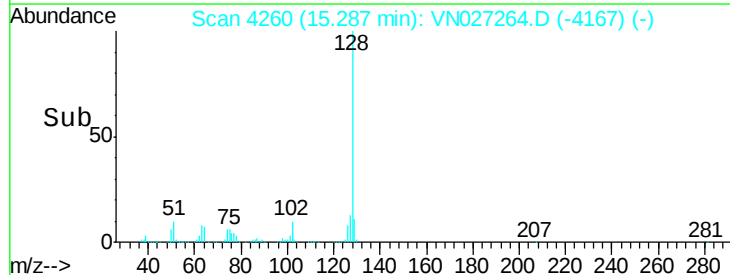
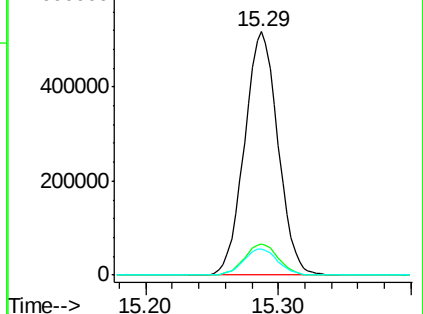
129 10.9 8.6 12.8

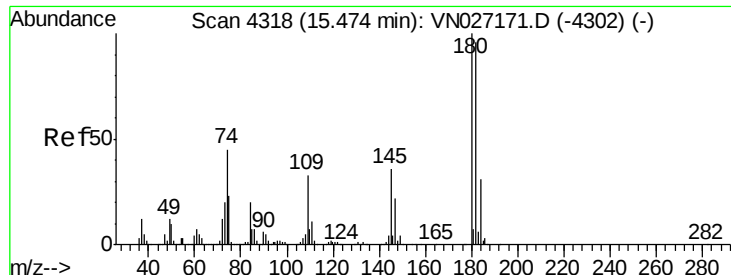


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 47.51 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.8	146.4
145	36.0	16.6	49.8

