

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027271.D
 Acq On : 17 Sep 2015 23:29
 Operator : MD\FY
 Sample : VN0917WBS03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

Quant Time: Sep 18 06:42:03 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	520608	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	997998	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	840478	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	315075	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	535892	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
36) Dibromofluoromethane	7.68	113	342440	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
51) Toluene-d8	10.19	98	1319730	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
63) 4-Bromofluorobenzene	12.52	95	456960	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	120137	19.29	ug/l	99
3) Chlorodifluoromethane	1.82	51	140987	19.56	ug/l	94
4) Chloromethane	2.01	50	138694	20.55	ug/l	100
5) Vinyl Chloride	2.14	62	151849	20.64	ug/l	99
6) Bromomethane	2.54	94	63506	18.62	ug/l	98
7) Chloroethane	2.69	64	101134	20.22	ug/l	99
8) Trichlorofluoromethane	3.02	101	221101	19.90	ug/l	98
9) Diethyl Ether	3.42	74	100834	19.72	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	141403	20.26	ug/l	97
11) Methyl Iodide	3.99	142	104739	15.44	ug/l	93
12) Tert butyl alcohol	4.80	59	96218	92.24	ug/l	96
13) 1,1-Dichloroethene	3.77	96	136223	20.38	ug/l	96
14) Acrolein	3.62	56	102704	83.82	ug/l	98
15) Allyl chloride	4.37	41	254717	18.87	ug/l	# 82
16) Acrylonitrile	5.03	53	338184	99.15	ug/l	98
17) Acetone	3.83	43	266562	92.69	ug/l	96
18) Carbon Disulfide	4.11	76	398286	18.30	ug/l	99
19) Methyl Acetate	4.36	43	424422	20.38	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	535274	19.95	ug/l	97
21) Methylene Chloride	4.60	84	163091	20.36	ug/l	97
22) trans-1,2-Dichloroethene	5.12	96	147269	20.37	ug/l	96
23) Diisopropyl ether	6.04	45	567034	20.02	ug/l	# 87
24) Vinyl Acetate	5.97	43	890537	94.98	ug/l	97
25) 1,1-Dichloroethane	5.93	63	327445	19.90	ug/l	100
26) 2-Butanone	6.92	43	422188	97.48	ug/l	99
27) 2,2-Dichloropropane	6.92	77	230742	16.16	ug/l	96
28) cis-1,2-Dichloroethene	6.92	96	170482	20.56	ug/l	97
29) Bromochloromethane	7.29	49	133588	20.91	ug/l	98
30) Tetrahydrofuran	7.32	42	278431	93.29	ug/l	90
31) Chloroform	7.46	83	307689	20.69	ug/l	99
32) Cyclohexane	7.77	56	309974	20.62	ug/l	# 88
33) 1,1,1-Trichloroethane	7.67	97	271755	20.50	ug/l	96
37) 1,1-Dichloropropene	7.89	75	227228	19.45	ug/l	99
38) Ethyl Acetate	7.02	43	192273	18.69	ug/l	98

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Quant Time: Sep 18 06:42:03 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	213349	19.42	ug/l	99
40) Methylcyclohexane	9.19	83	267642	18.81	ug/l	97
41) Benzene	8.14	78	679094	19.92	ug/l	100
42) Methacrylonitrile	7.24	41	107888	19.10	ug/l #	88
43) 1,2-Dichloroethane	8.22	62	266482	19.41	ug/l	97
44) Isopropyl Acetate	8.25	43	358737	19.22	ug/l	99
45) Trichloroethene	8.94	130	137895	20.14	ug/l	93
46) 1,2-Dichloropropane	9.22	63	188776	19.25	ug/l	97
47) Dibromomethane	9.31	93	111991	19.45	ug/l	94
48) Bromodichloromethane	9.50	83	238209	19.63	ug/l	98
49) Methyl methacrylate	9.29	41	170884	18.37	ug/l #	86
50) 1,4-Dioxane	9.30	88	38543	353.32	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	940219	95.25	ug/l	99
53) Toluene	10.26	92	394875	19.78	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	242320	17.78	ug/l	100
55) cis-1,3-Dichloropropene	9.93	75	272029	18.35	ug/l	94
56) 1,1,2-Trichloroethane	10.66	97	149198	19.88	ug/l	98
57) Ethyl methacrylate	10.52	69	241531	19.10	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	280282	20.12	ug/l	100
59) 2-Chloroethyl Vinyl ether	9.78	63	533975	91.97	ug/l	96
60) 2-Hexanone	10.84	43	624350	92.91	ug/l	100
61) Dibromochloromethane	11.00	129	142653	18.62	ug/l	100
62) 1,2-Dibromoethane	11.11	107	143832	19.51	ug/l	99
65) Tetrachloroethene	10.74	164	107108	19.93	ug/l	95
66) Chlorobenzene	11.54	112	391468	19.73	ug/l	98
67) 1,1,1,2-Tetrachloroethane	11.62	131	132855	19.63	ug/l	98
68) Ethyl Benzene	11.62	91	733086	19.48	ug/l	99
69) m/p-Xylenes	11.73	106	507654	39.11	ug/l	90
70) o-Xylene	12.06	106	252419	19.40	ug/l	89
71) Styrene	12.07	104	409671	19.50	ug/l	94
72) Bromoform	12.24	173	86567	18.39	ug/l #	100
74) Isopropylbenzene	12.36	105	691119	19.91	ug/l	99
75) N-amyl acetate	12.17	43	289170	18.66	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	202069	20.51	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	267097	28.05	ug/l	54
78) Bromobenzene	12.64	156	133791	19.65	ug/l	93
79) n-propylbenzene	12.71	91	803710	19.68	ug/l	98
80) 2-Chlorotoluene	12.79	91	486948	19.85	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	547927	19.64	ug/l	96
82) trans-1,4-Dichloro-2-buten	12.40	75	62516	16.13	ug/l	93
83) 4-Chlorotoluene	12.89	91	482005	20.00	ug/l	94
84) tert-Butylbenzene	13.11	119	447380	19.44	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	549168	19.60	ug/l	95
86) sec-Butylbenzene	13.29	105	660781	19.60	ug/l	99
87) p-Isopropyltoluene	13.41	119	498071	19.18	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	231000	19.83	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	228230	19.34	ug/l	95
90) n-Butylbenzene	13.74	91	469544	18.63	ug/l	99
91) Hexachloroethane	14.01	117	101813	17.92	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	234788	20.39	ug/l	96

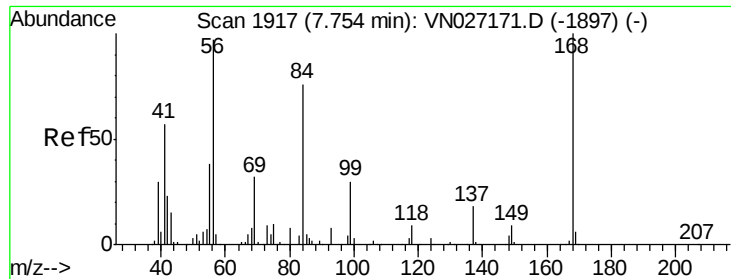
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	37751	18.16	ug/l	87
94) 1,2,4-Trichlorobenzene	15.05	180	117871	18.95	ug/l	98
95) Hexachlorobutadiene	15.16	225	62710	19.14	ug/l	98
96) Naphthalene	15.29	128	337265	18.50	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	119454	19.32	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

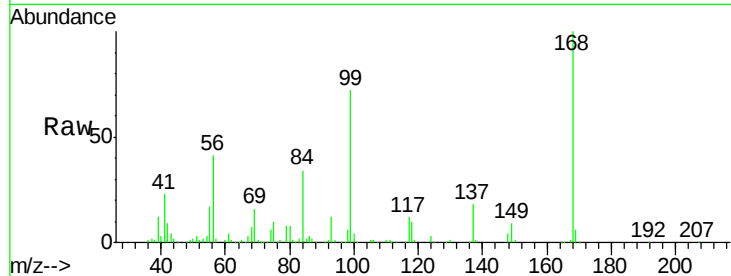
VN0917WBSD02

Tgt Ion:168 Resp: 520608

Ion Ratio Lower Upper

168 100

99 71.5 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

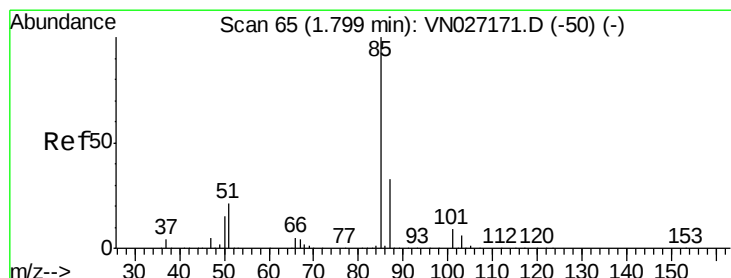
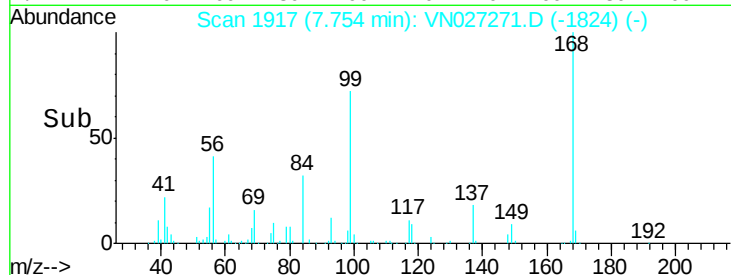
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.29 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027271.D

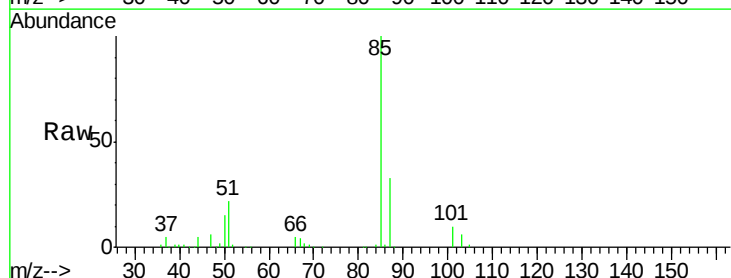
Acq: 17 Sep 2015 23:29

Tgt Ion: 85 Resp: 120137

Ion Ratio Lower Upper

85 100

87 33.2 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

100000

80000

60000

40000

20000

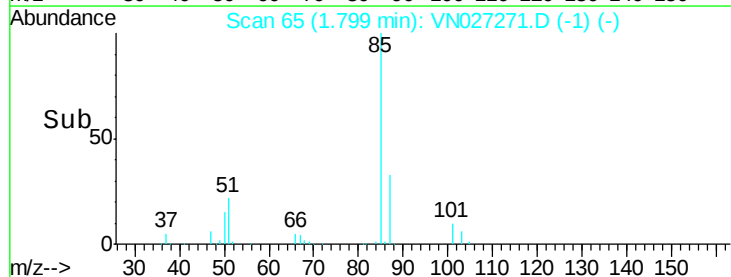
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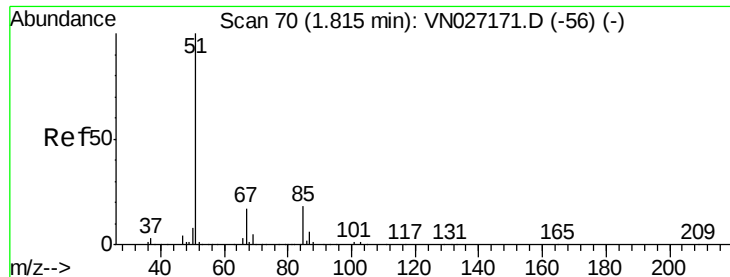
1.75

1.80

1.85

Time-->





#3

Chlorodifluoromethane

Concen: 19.56 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

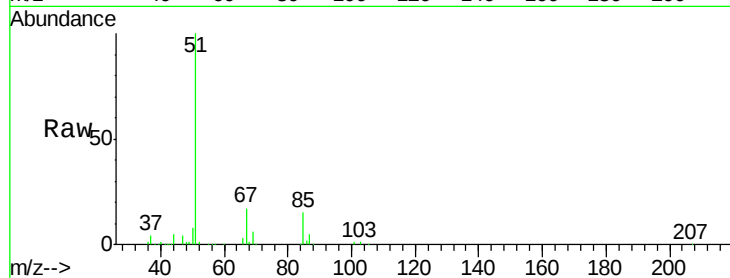
VN0917WBSD02

Tgt Ion: 51 Resp: 140987

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

120000

100000

80000

60000

40000

20000

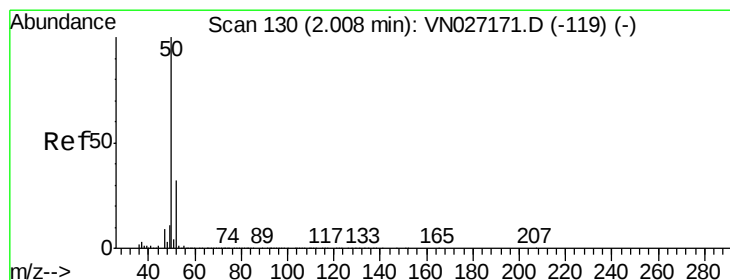
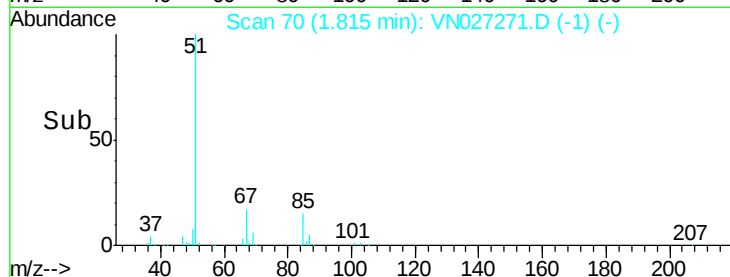
0

1.75

1.80

1.85

Time-->



#4

Chloromethane

Concen: 20.55 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027271.D

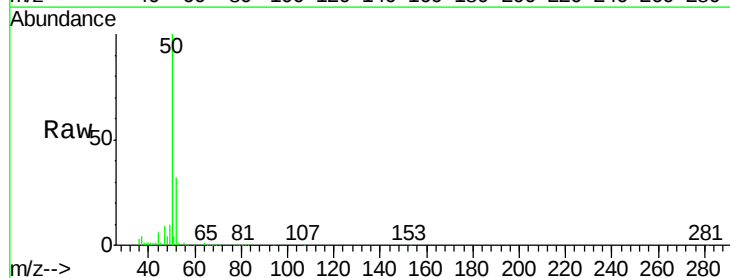
Acq: 17 Sep 2015 23:29

Tgt Ion: 50 Resp: 138694

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

120000

100000

80000

60000

40000

20000

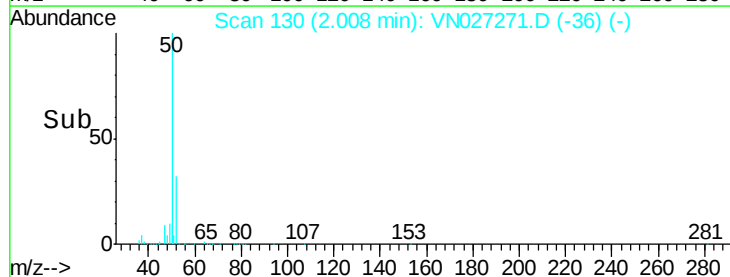
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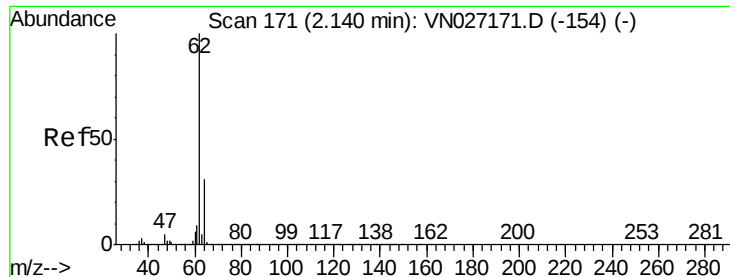
1.95

2.00

2.05

Time-->





#5

Vinyl Chloride

Concen: 20.64 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

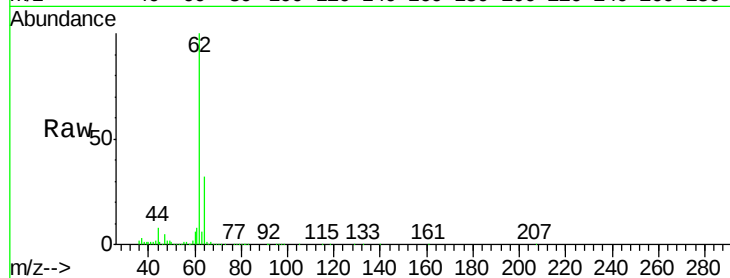
VN0917WBSD02

Tgt Ion: 62 Resp: 151849

Ion Ratio Lower Upper

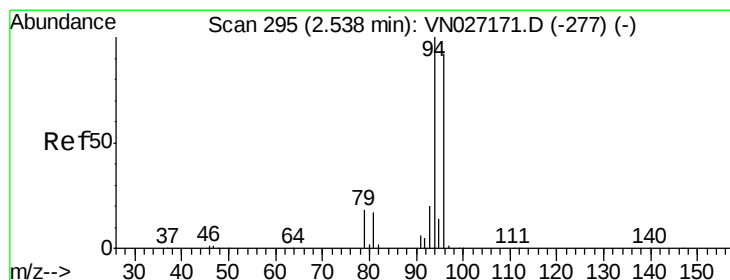
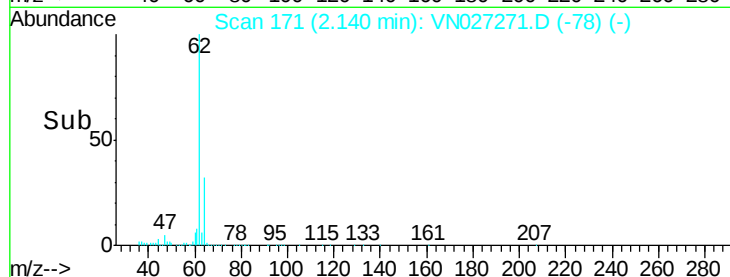
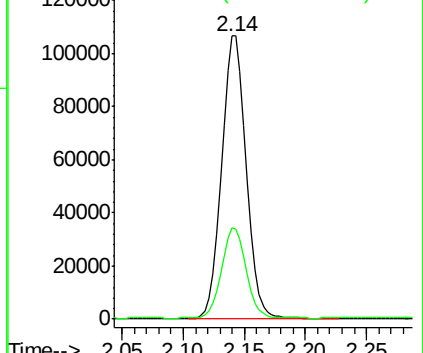
62 100

64 31.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



#6

Bromomethane

Concen: 18.62 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.01 min

Lab File: VN027271.D

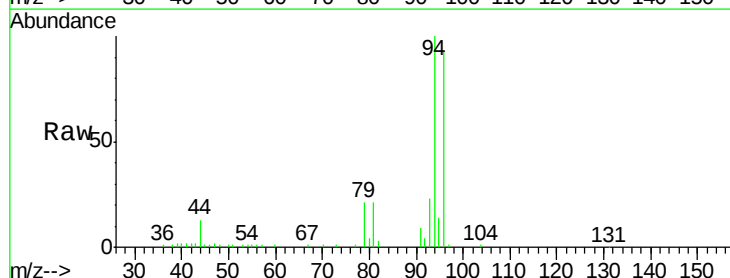
Acq: 17 Sep 2015 23:29

Tgt Ion: 94 Resp: 63506

Ion Ratio Lower Upper

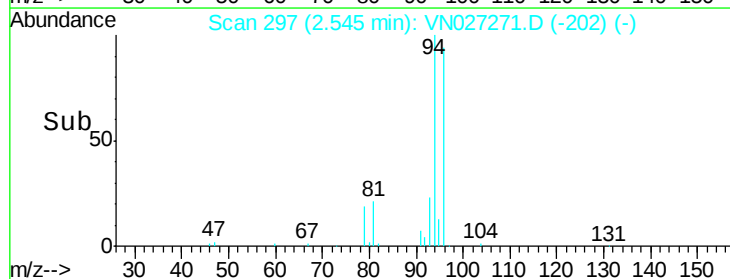
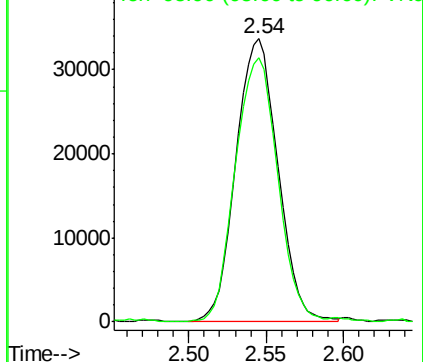
94 100

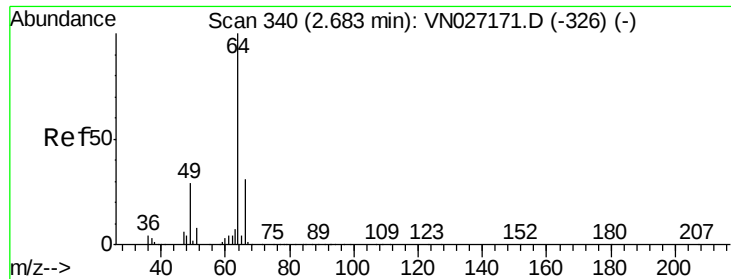
96 93.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC





#7

Chloroethane

Concen: 20.22 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

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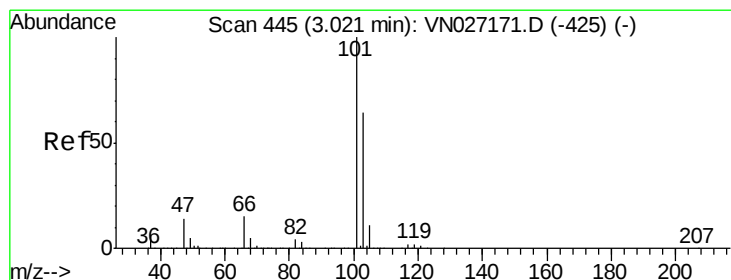
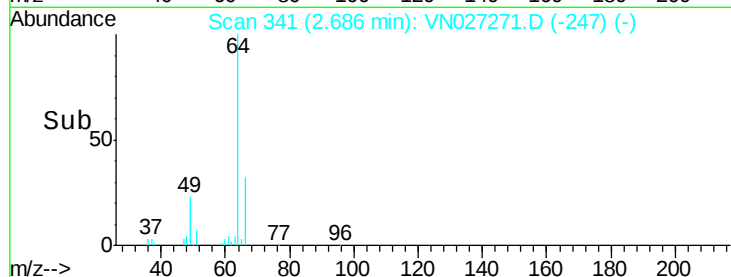
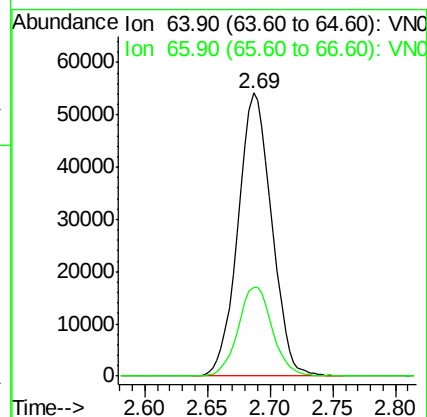
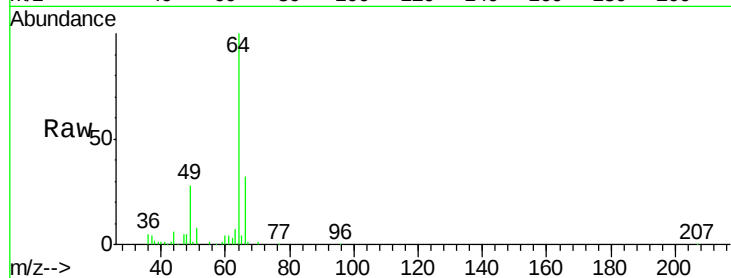
VN0917WBSD02

Tgt Ion: 64 Resp: 101134

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3



#8

Trichlorofluoromethane

Concen: 19.90 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027271.D

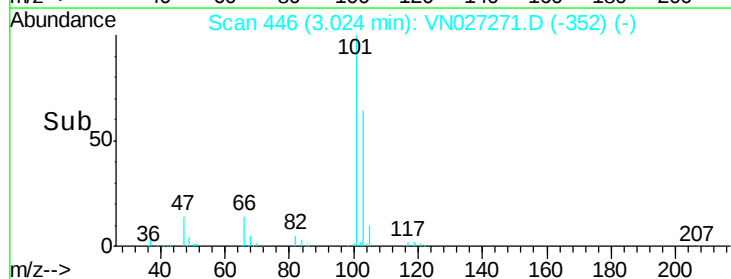
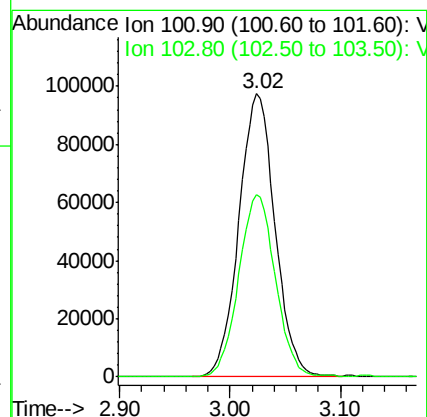
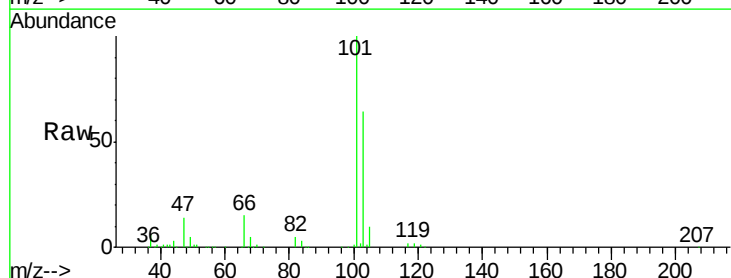
Acq: 17 Sep 2015 23:29

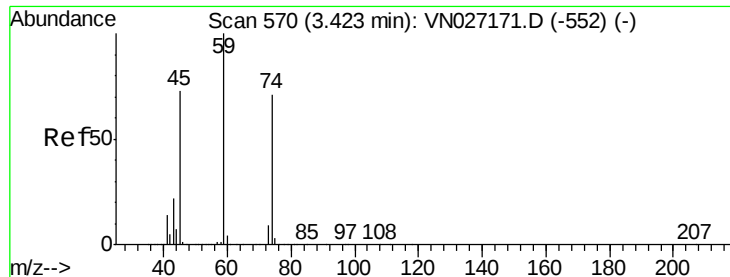
Tgt Ion: 101 Resp: 221101

Ion Ratio Lower Upper

101 100

103 64.3 52.6 79.0





#9

Diethyl Ether

Concen: 19.72 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

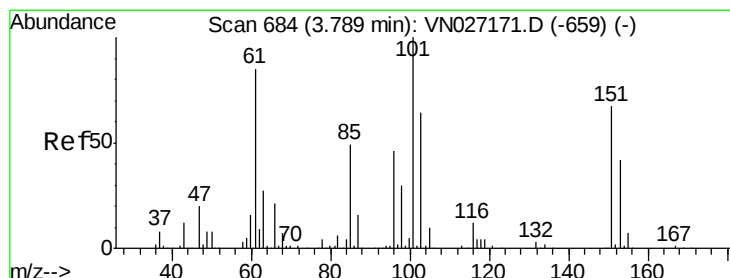
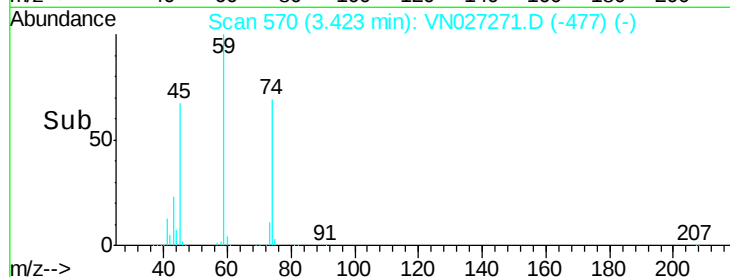
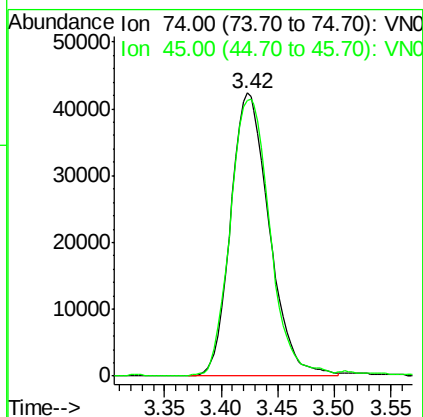
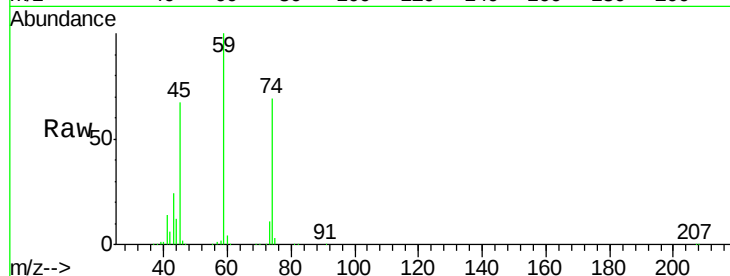
VN0917WBSD02

Tgt Ion: 74 Resp: 100834

Ion Ratio Lower Upper

74 100

45 100.3 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 20.26 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

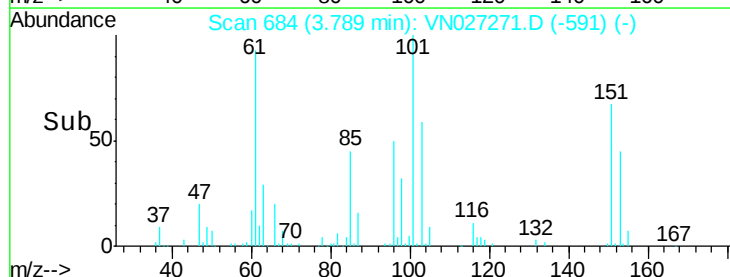
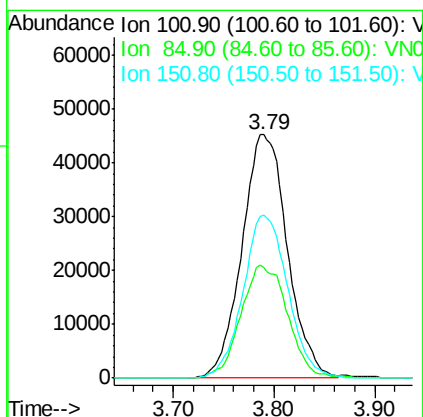
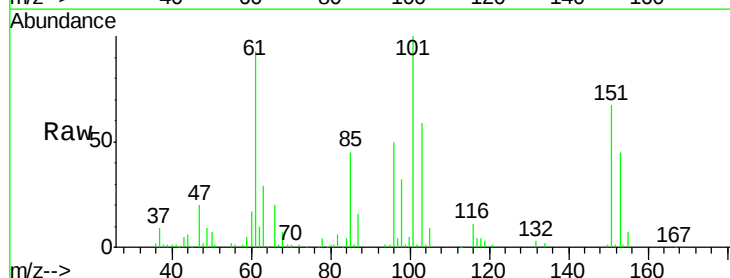
Tgt Ion: 101 Resp: 141403

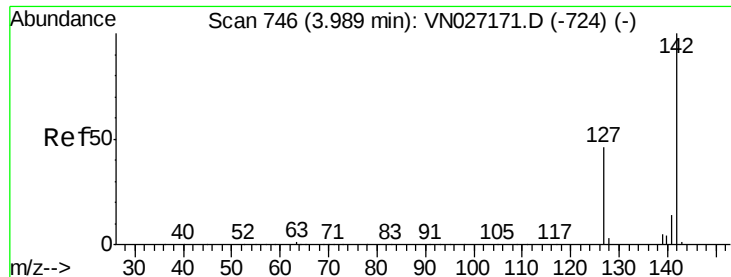
Ion Ratio Lower Upper

101 100

85 47.7 37.4 56.0

151 66.1 55.9 83.9

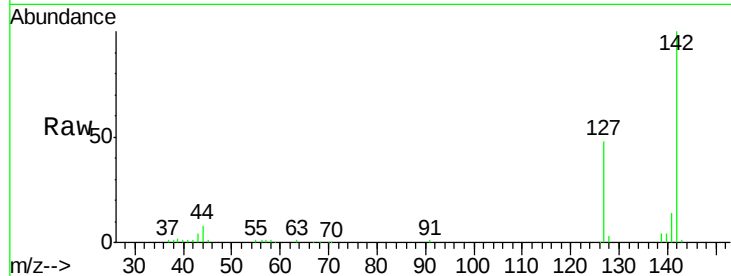




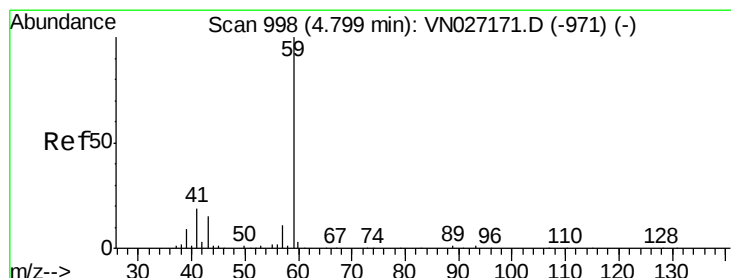
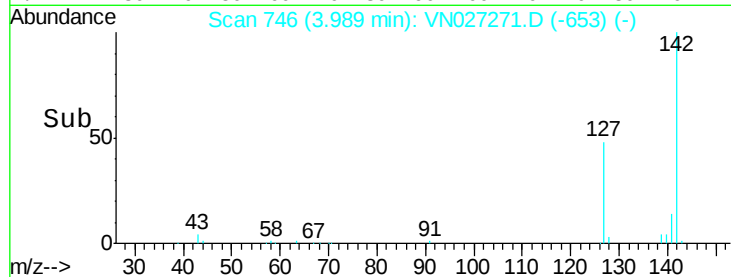
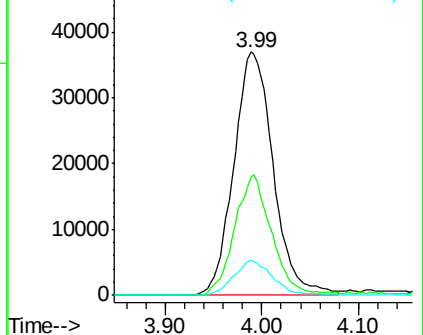
#11
Methyl Iodide
Concen: 15.44 ug/l
RT: 3.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

Tgt Ion:142 Resp: 104739
Ion Ratio Lower Upper
142 100
127 46.1 32.3 48.5
141 13.8 11.2 16.8

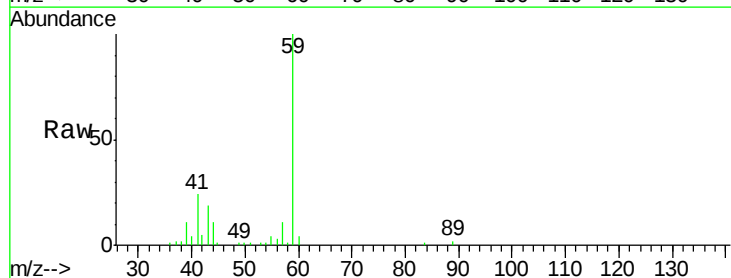


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

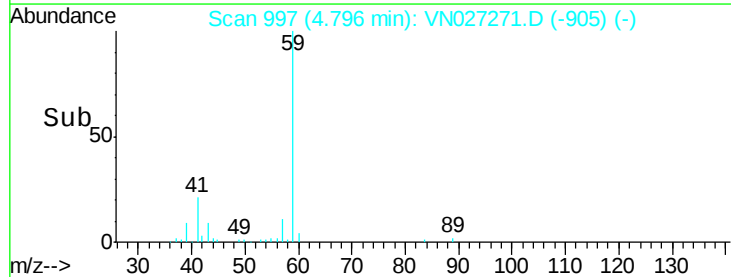
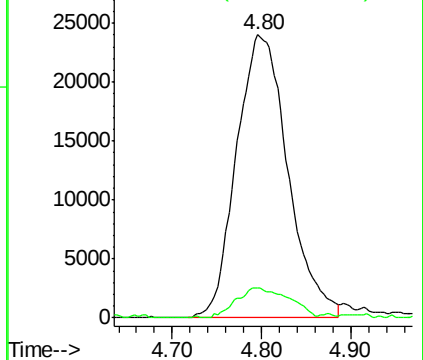


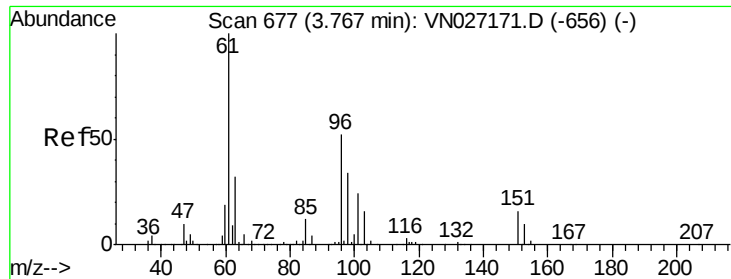
#12
Tert butyl alcohol
Concen: 92.24 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion: 59 Resp: 96218
Ion Ratio Lower Upper
59 100
57 11.0 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): V
Ion 57.00 (56.70 to 57.70): V

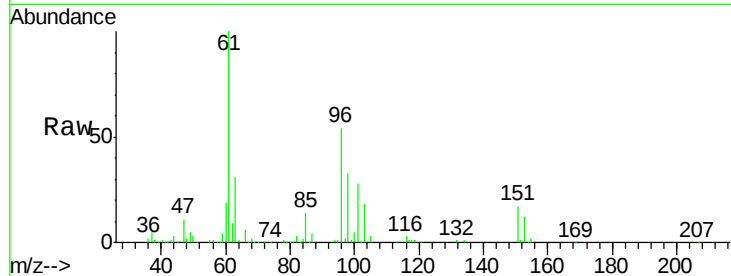




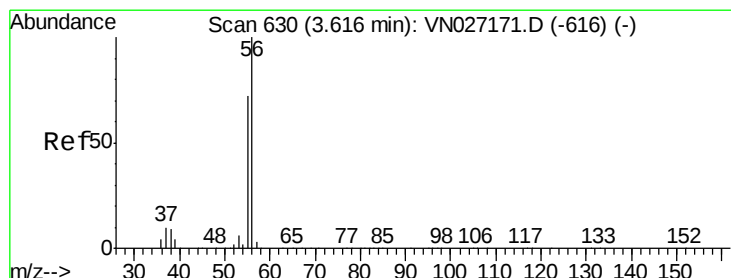
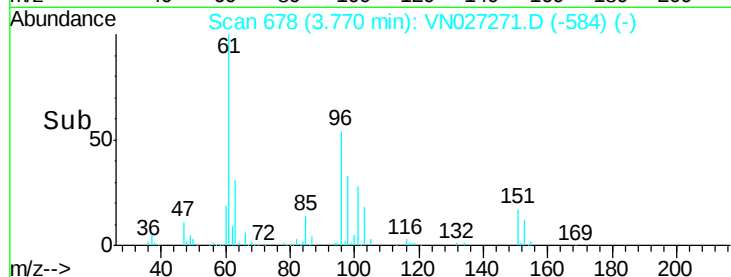
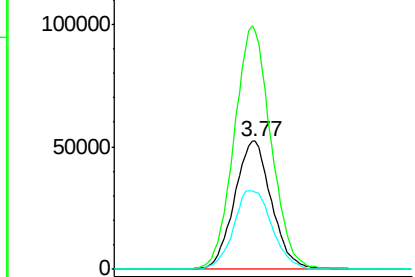
#13
 1,1-Dichloroethene
 Concen: 20.38 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0917WBSD02

Tgt Ion: 96 Resp: 136223
 Ion Ratio Lower Upper
 96 100
 61 185.8 143.8 215.8
 98 60.6 50.3 75.5

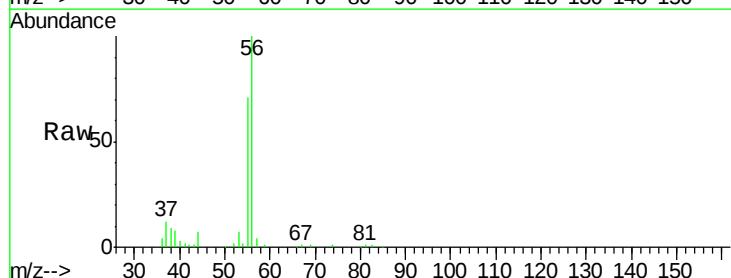


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

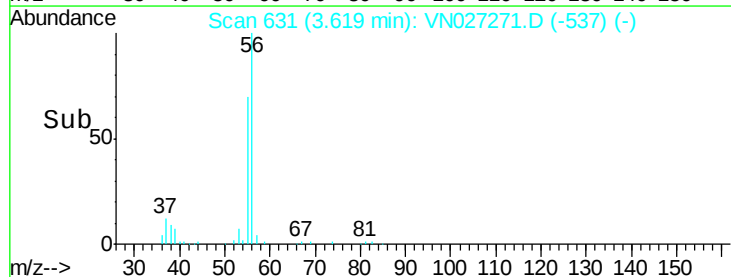
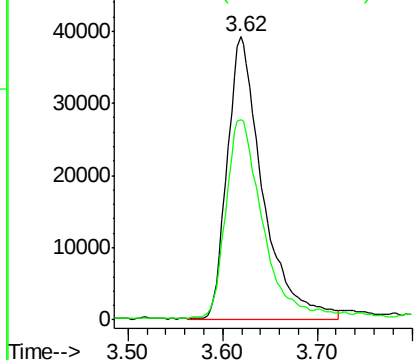


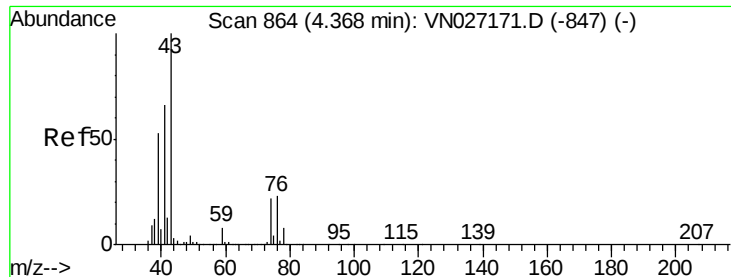
#14
 Acrolein
 Concen: 83.82 ug/l
 RT: 3.62 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 56 Resp: 102704
 Ion Ratio Lower Upper
 56 100
 55 70.9 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VN0
 Ion 55.00 (54.70 to 55.70): VN0

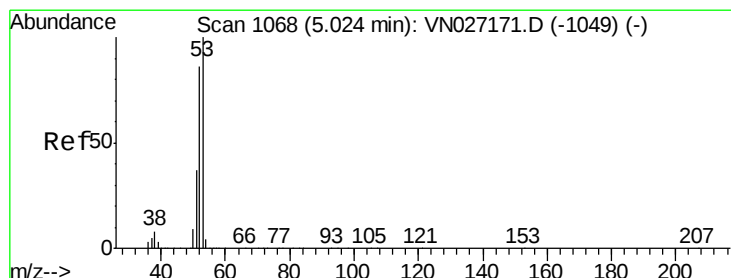
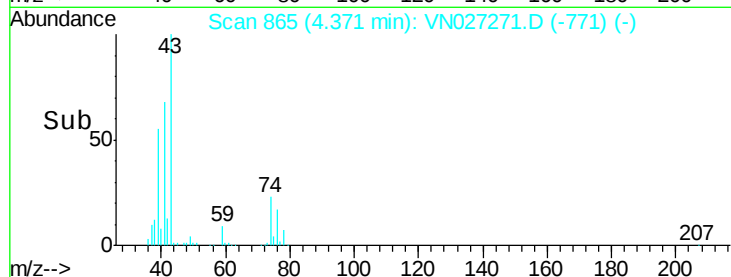
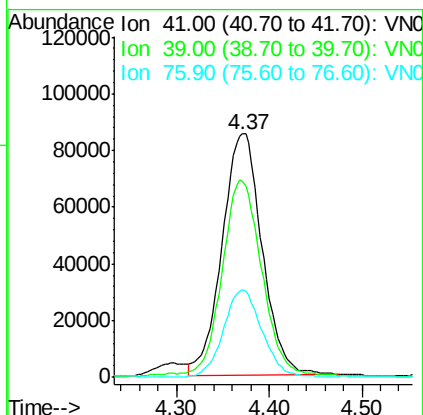
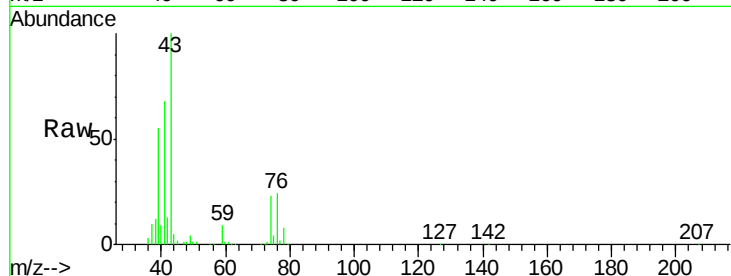




#15
 Allyl chloride
 Concen: 18.87 ug/l
 RT: 4.37 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

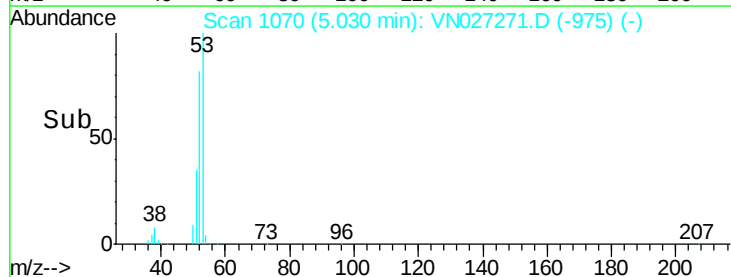
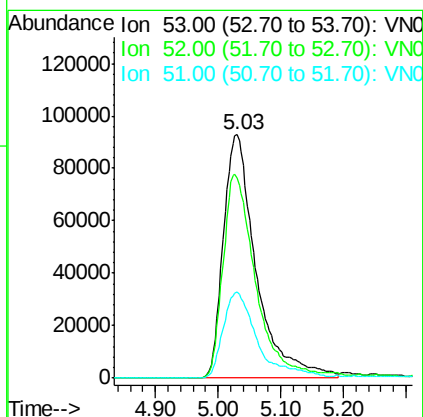
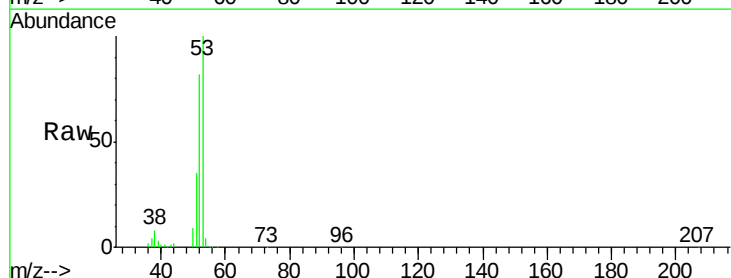
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

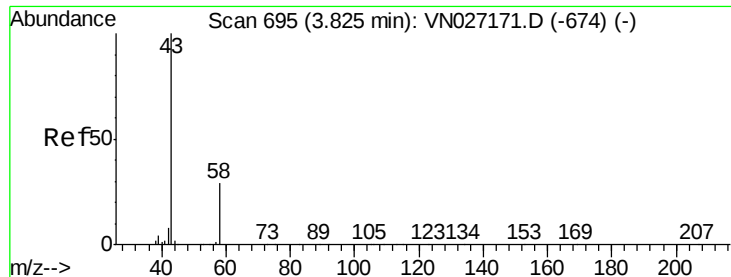
Tgt Ion: 41 Resp: 254717
 Ion Ratio Lower Upper
 41 100
 39 80.3 49.7 74.5#
 76 35.2 24.8 37.2



#16
 Acrylonitrile
 Concen: 99.15 ug/l
 RT: 5.03 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 53 Resp: 338184
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.9 100.3
 51 37.1 27.4 41.0





#17

Acetone

Concen: 92.69 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

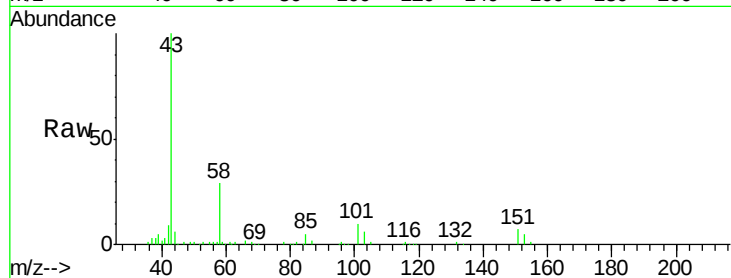
VN0917WBSD02

Tgt Ion: 43 Resp: 266562

Ion Ratio Lower Upper

43 100

58 29.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

100000

80000

60000

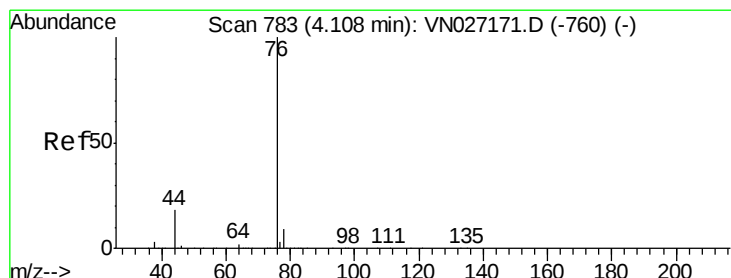
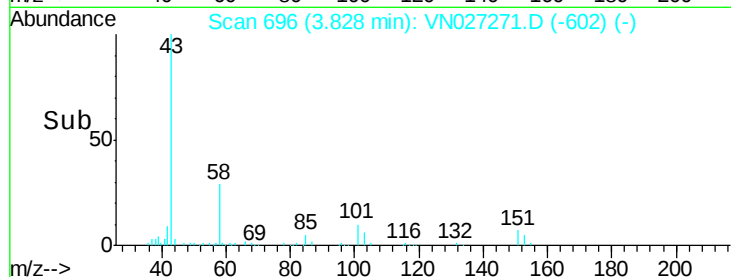
40000

20000

0

Time-->

3.70 3.80 3.90



#18

Carbon Disulfide

Concen: 18.30 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027271.D

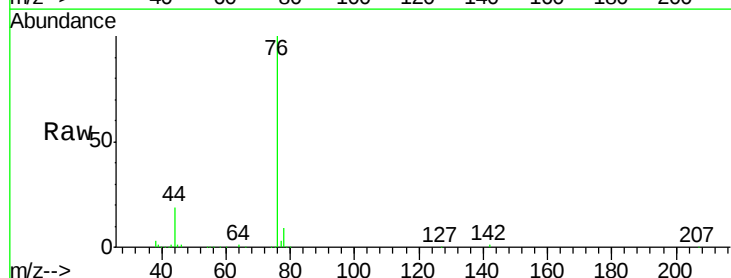
Acq: 17 Sep 2015 23:29

Tgt Ion: 76 Resp: 398286

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.11

150000

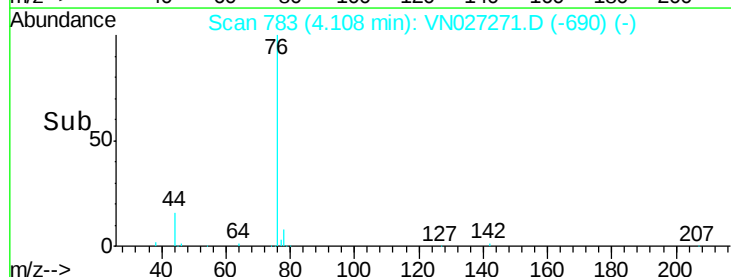
100000

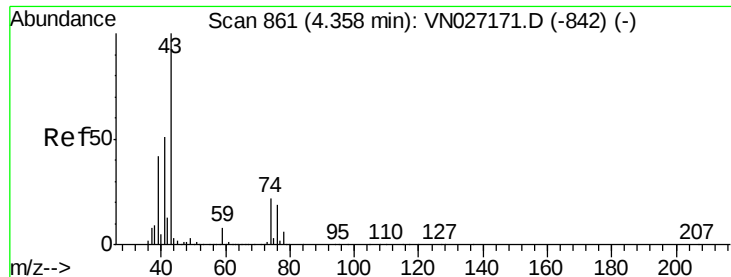
50000

0

Time-->

4.00 4.10 4.20

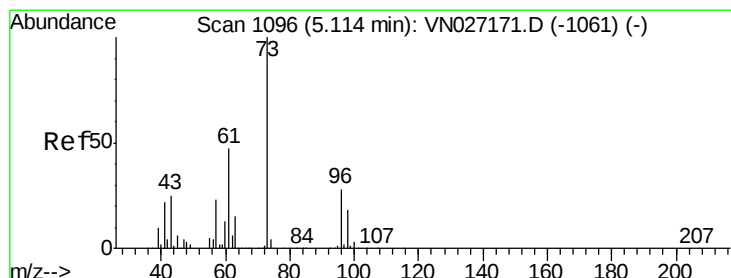
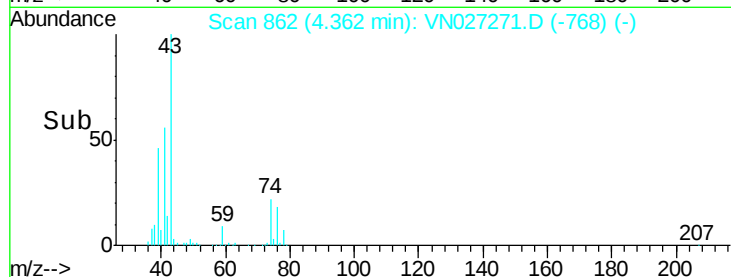
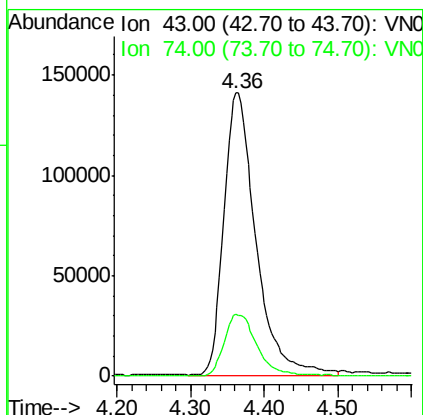
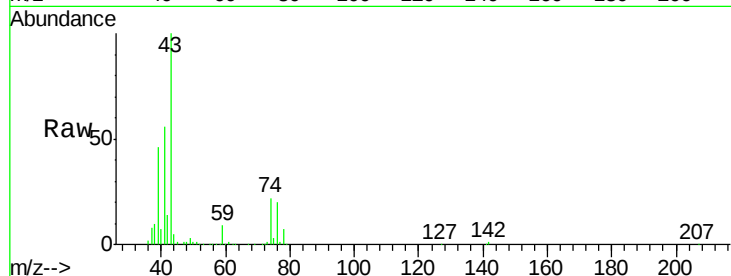




#19
Methyl Acetate
Concen: 20.38 ug/l
RT: 4.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

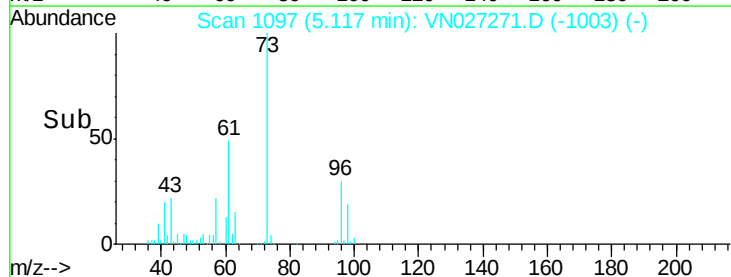
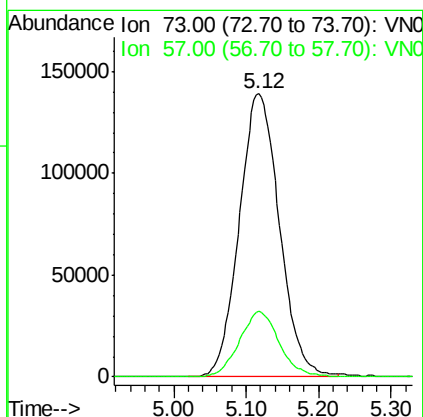
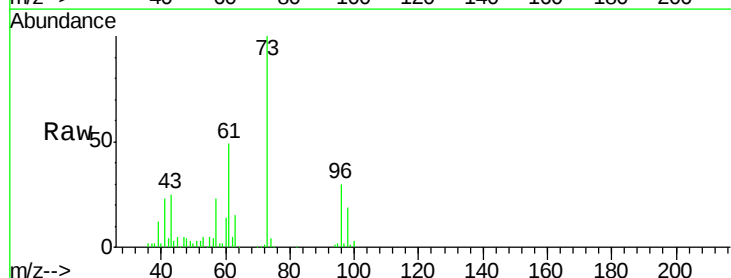
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

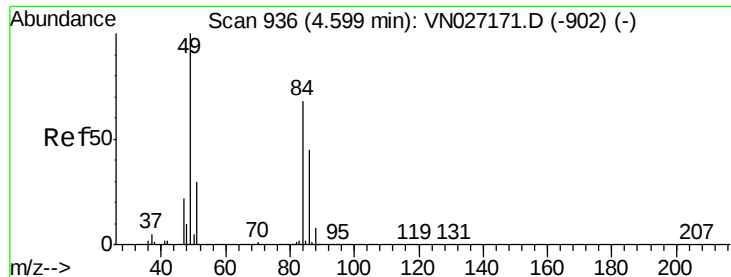
Tgt Ion: 43 Resp: 424422
Ion Ratio Lower Upper
43 100
74 22.5 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 19.95 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion: 73 Resp: 535274
Ion Ratio Lower Upper
73 100
57 23.2 19.8 29.6





#21

Methylene Chloride

Concen: 20.36 ug/l

RT: 4.60 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

Tgt Ion: 84 Resp: 163091

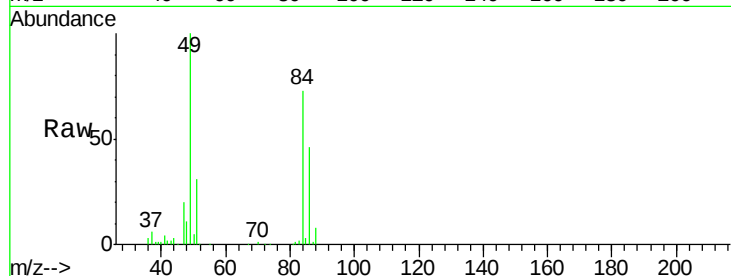
Ion Ratio Lower Upper

84 100

49 137.0 112.3 168.5

51 42.7 33.8 50.8

86 63.0 48.2 72.4

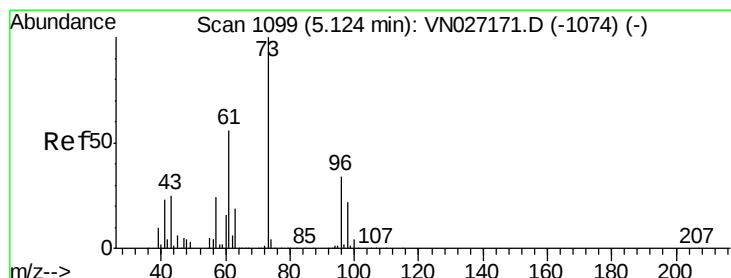
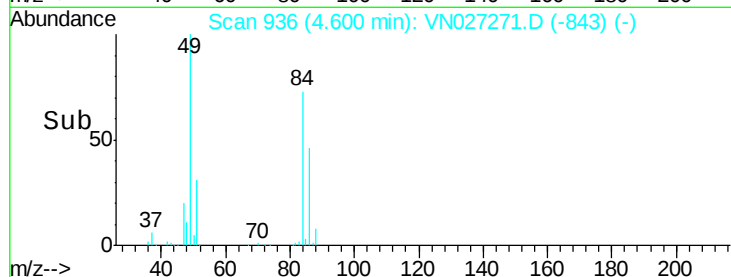
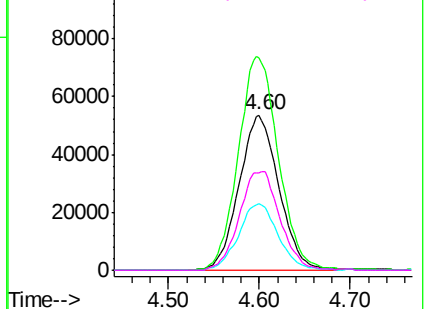


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#22

trans-1,2-Dichloroethene

Concen: 20.37 ug/l

RT: 5.12 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

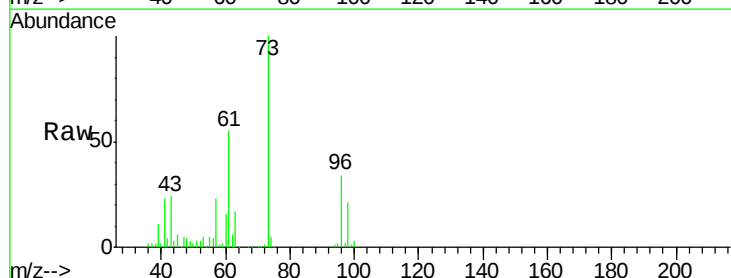
Tgt Ion: 96 Resp: 147269

Ion Ratio Lower Upper

96 100

61 164.9 126.6 189.8

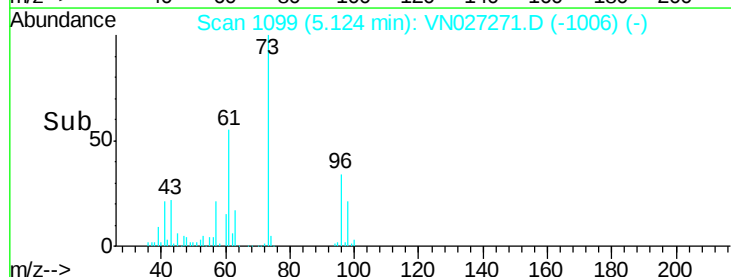
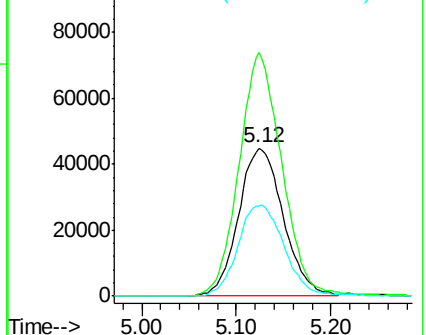
98 61.2 47.4 71.2

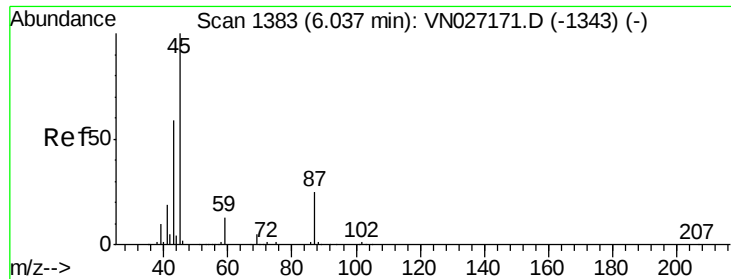


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

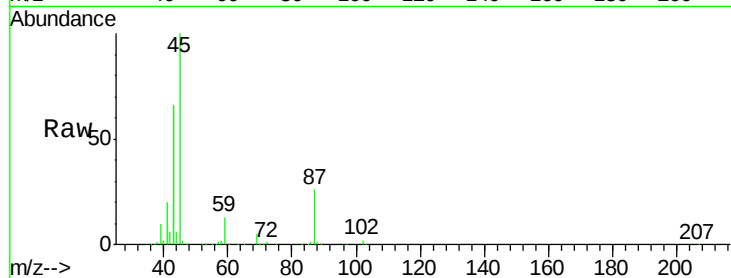




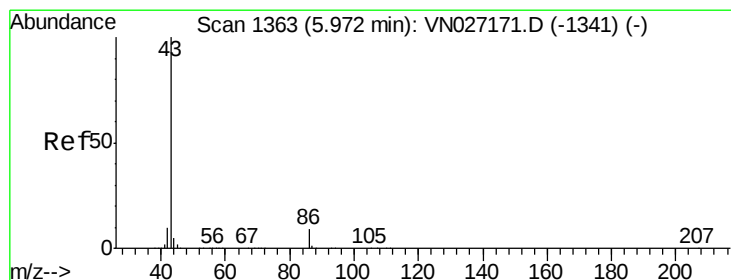
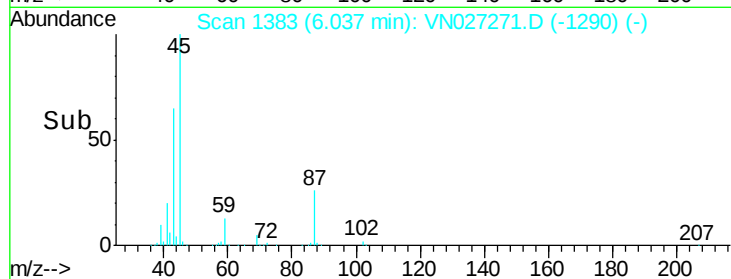
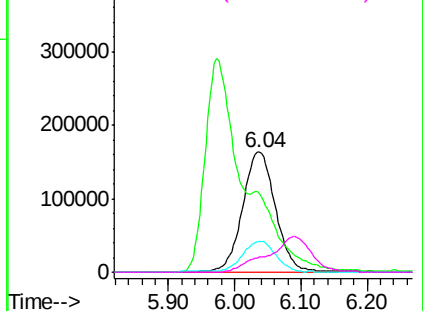
#23
 Diisopropyl ether
 Concen: 20.02 ug/l
 RT: 6.04 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

Tgt Ion:	45	Resp:	567034
Ion	Ratio	Lower	Upper
45	100		
43	63.3	41.0	61.6#
87	25.6	17.5	26.3
59	12.1	8.7	13.1

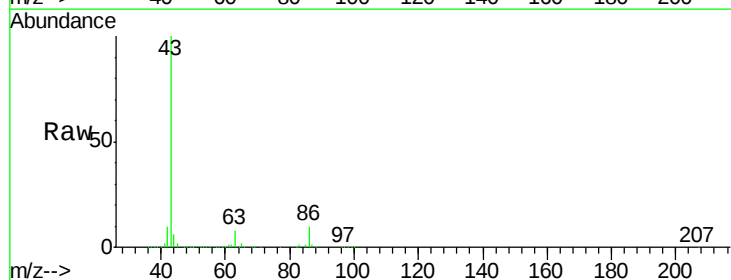


Abundance Ion 45.00 (44.70 to 45.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0
 Ion 59.00 (58.70 to 59.70): VN0

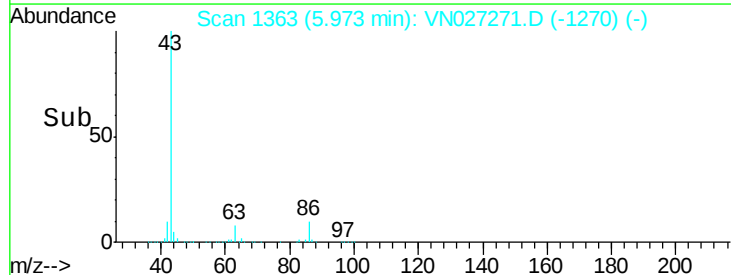
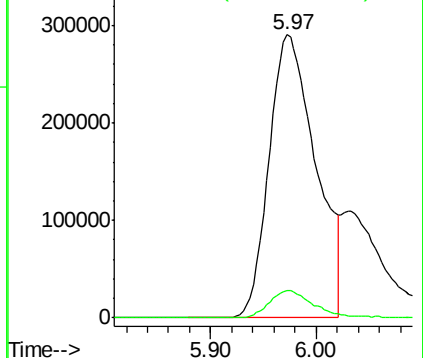


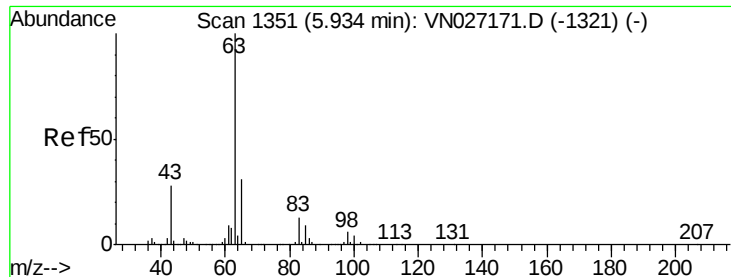
#24
 Vinyl Acetate
 Concen: 94.98 ug/l
 RT: 5.97 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion:	43	Resp:	890537
Ion	Ratio	Lower	Upper
43	100		
86	9.5	6.9	10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0

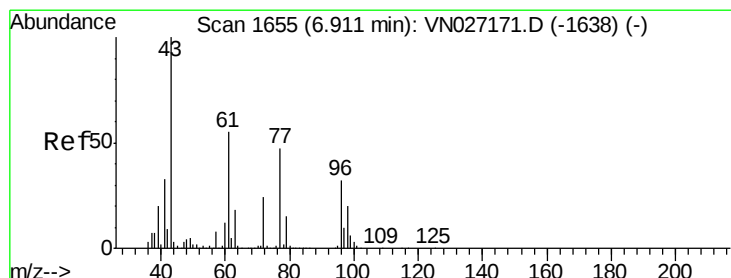
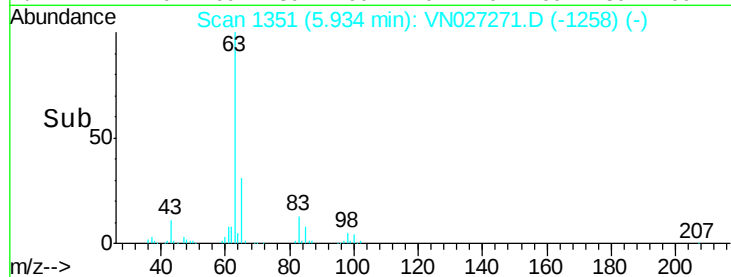
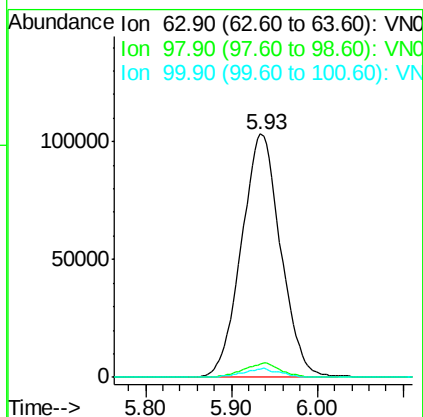
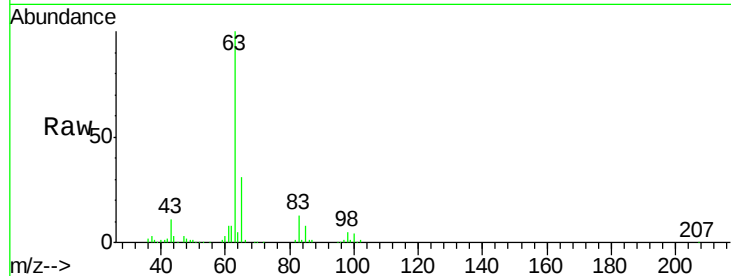




#25
 1,1-Dichloroethane
 Concen: 19.90 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

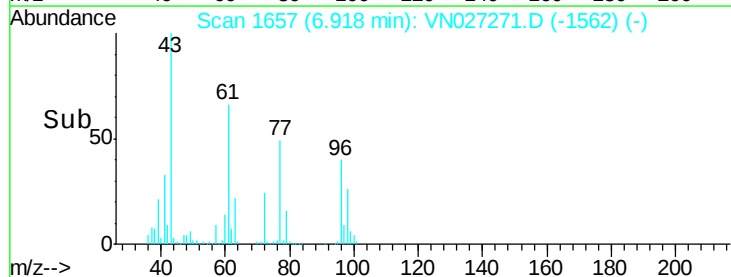
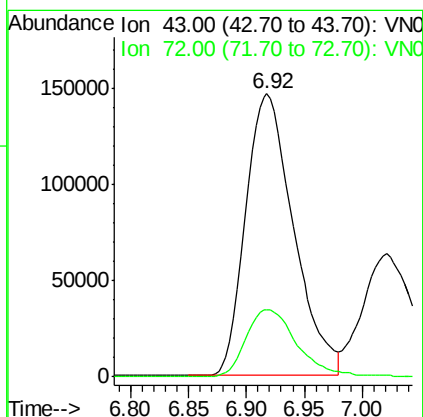
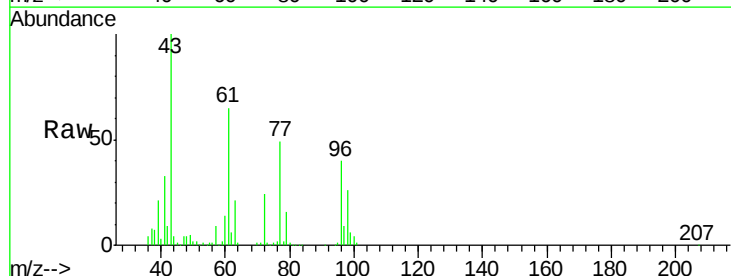
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

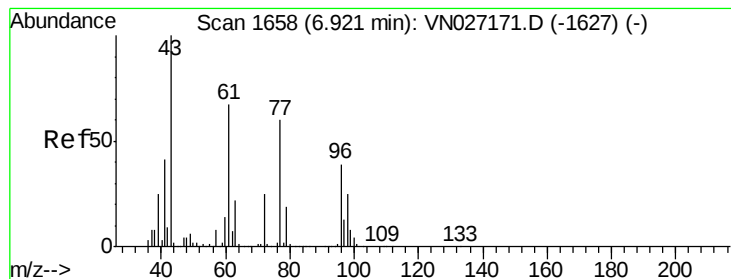
Tgt Ion: 63 Resp: 327445
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.8 8.3
 100 3.5 1.7 5.0



#26
 2-Butanone
 Concen: 97.48 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 43 Resp: 422188
 Ion Ratio Lower Upper
 43 100
 72 23.9 18.8 28.2





#27

2,2-Dichloropropane

Concen: 16.16 ug/l

RT: 6.92 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

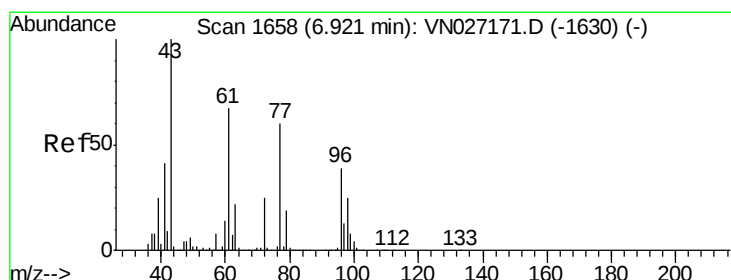
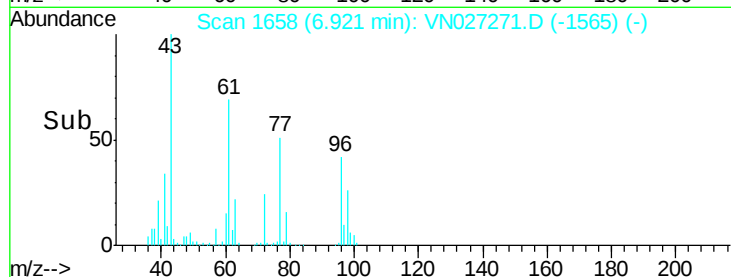
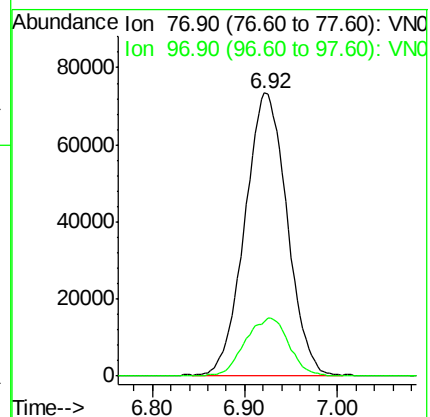
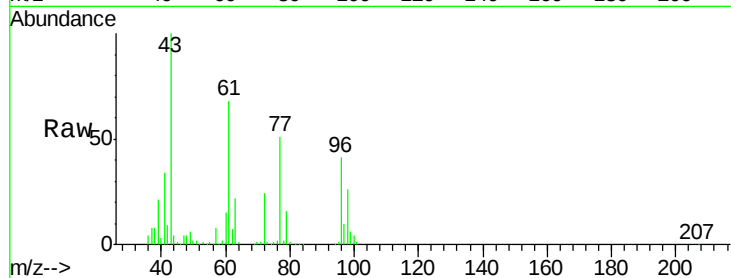
VN0917WBSD02

Tgt Ion: 77 Resp: 230742

Ion Ratio Lower Upper

77 100

97 21.5 11.8 35.3



#28

cis-1,2-Dichloroethene

Concen: 20.56 ug/l

RT: 6.92 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

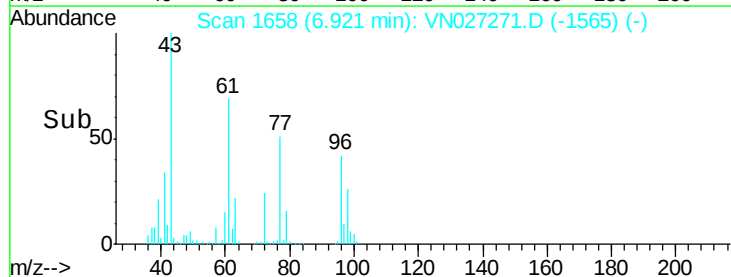
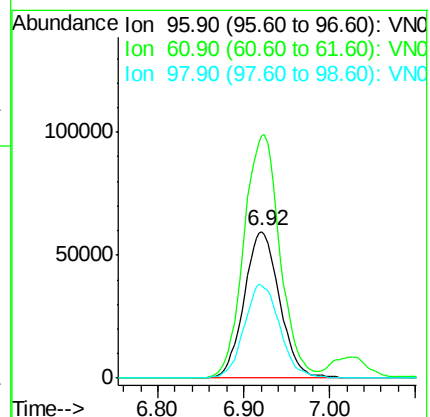
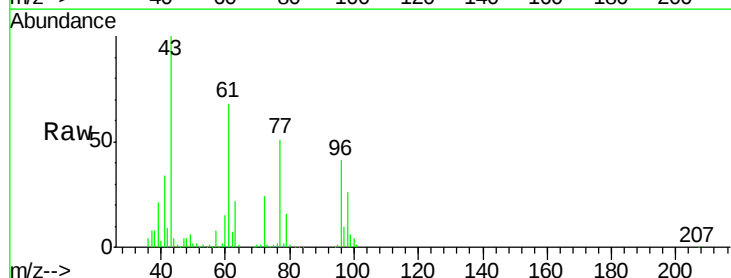
Tgt Ion: 96 Resp: 170482

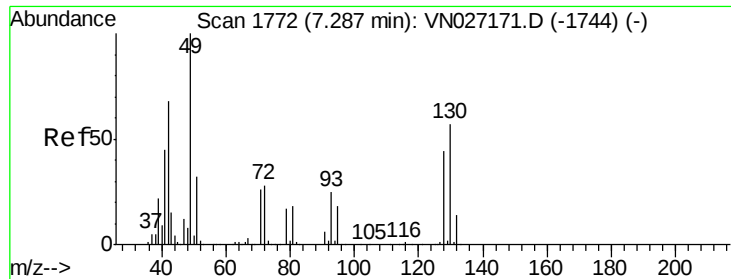
Ion Ratio Lower Upper

96 100

61 168.8 0.0 329.2

98 64.5 0.0 126.0

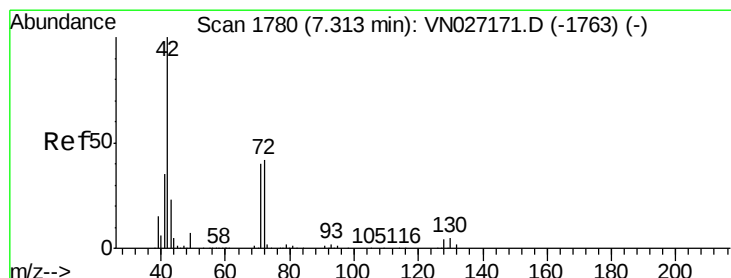
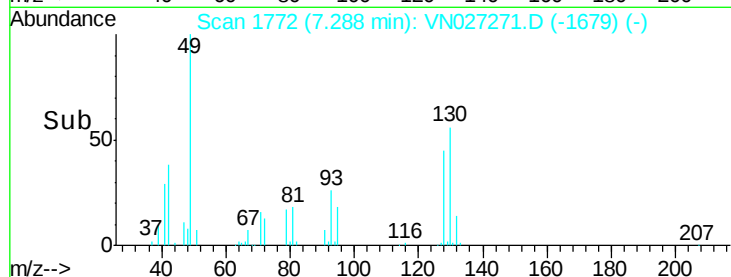
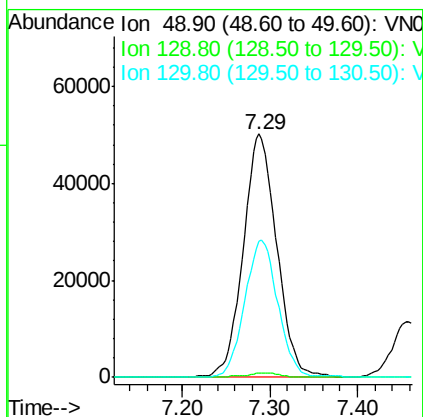
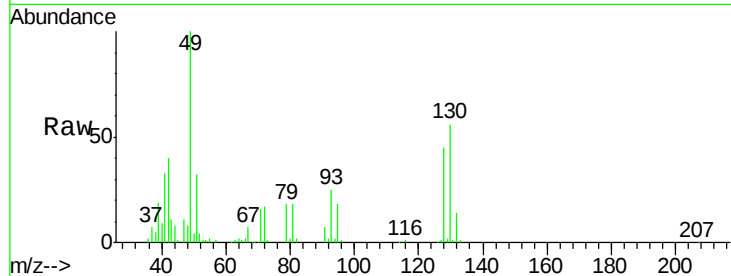




#29
Bromochloromethane
Concen: 20.91 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

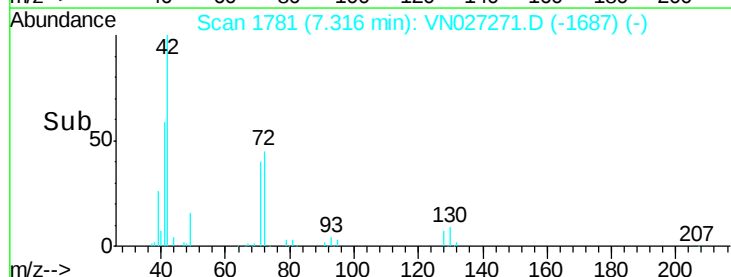
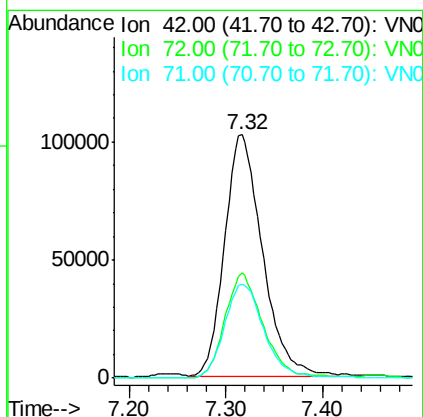
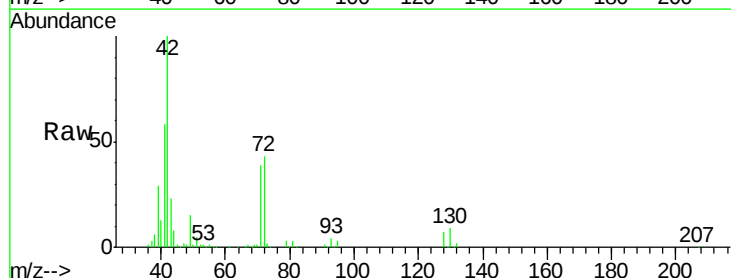
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

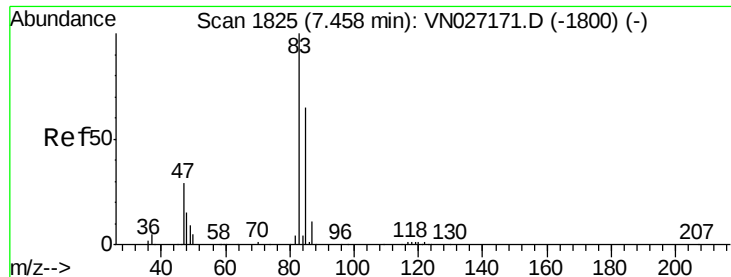
Tgt Ion: 49 Resp: 133588
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 55.6 43.2 64.8



#30
Tetrahydrofuran
Concen: 93.29 ug/l
RT: 7.32 min Scan# 1781
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion: 42 Resp: 278431
Ion Ratio Lower Upper
42 100
72 43.9 29.9 44.9
71 40.2 28.3 42.5

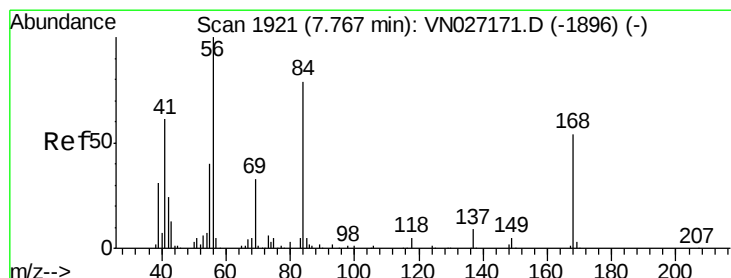
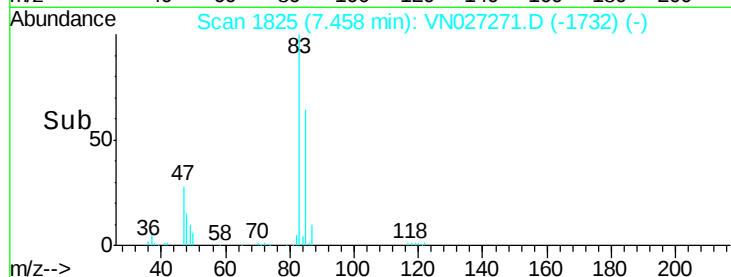
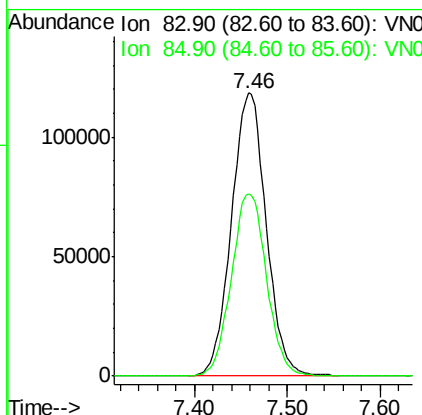
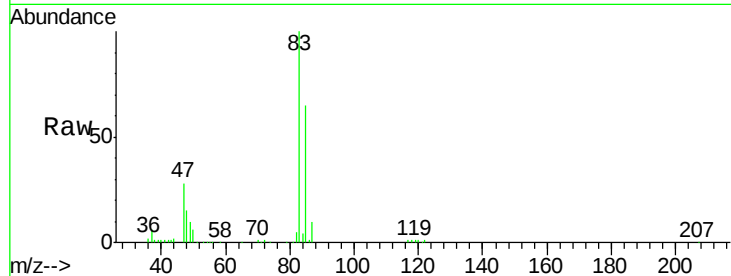




#31
Chloroform
Concen: 20.69 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

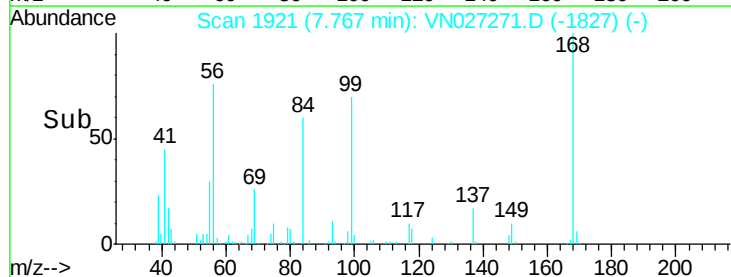
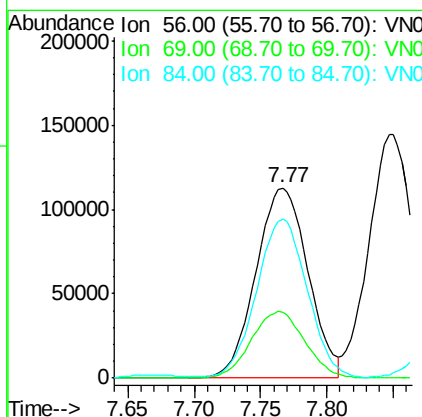
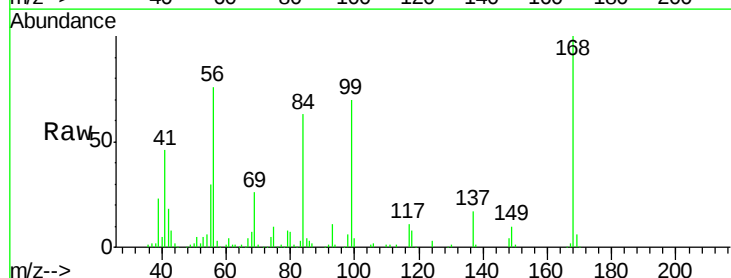
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

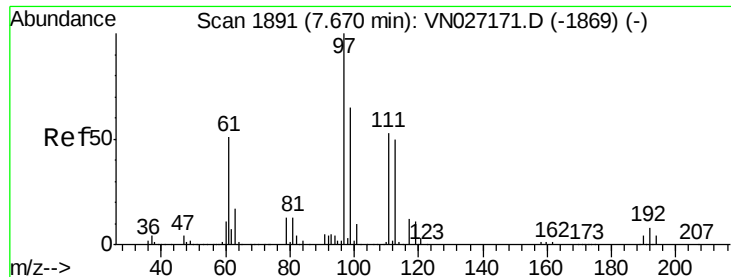
Tgt Ion: 83 Resp: 307689
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7



#32
Cyclohexane
Concen: 20.62 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion: 56 Resp: 309974
Ion Ratio Lower Upper
56 100
69 34.8 23.0 34.4#
84 82.9 57.8 86.8

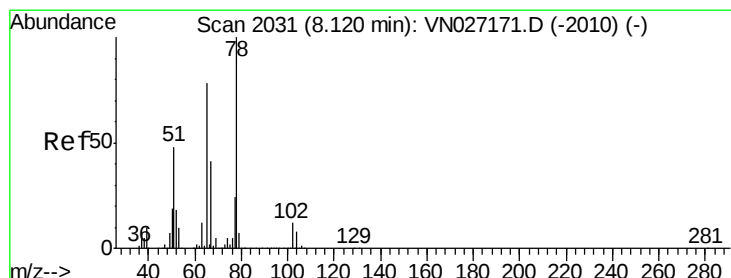
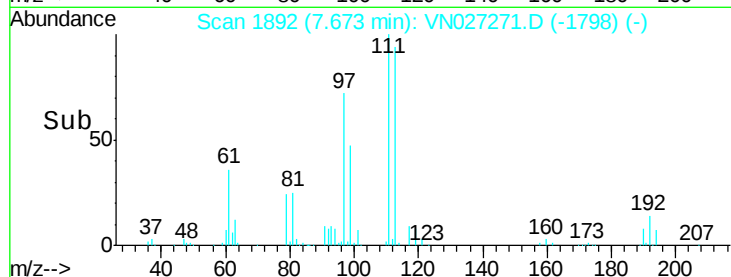
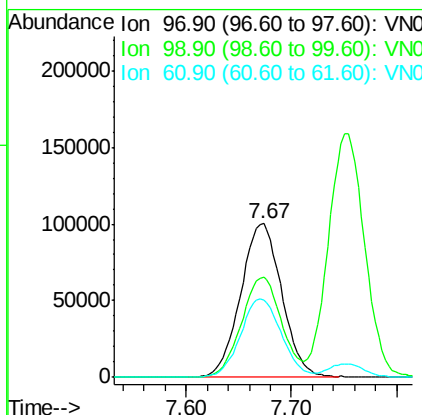
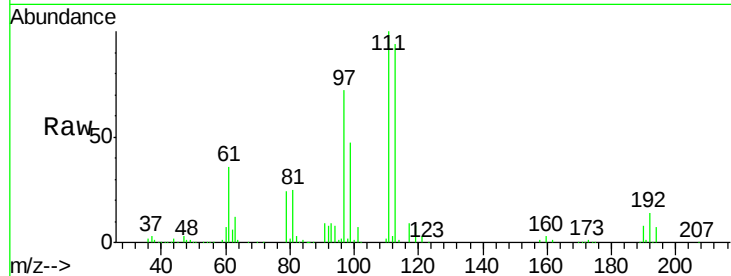




#33
 1,1,1-Trichloroethane
 Concen: 20.50 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

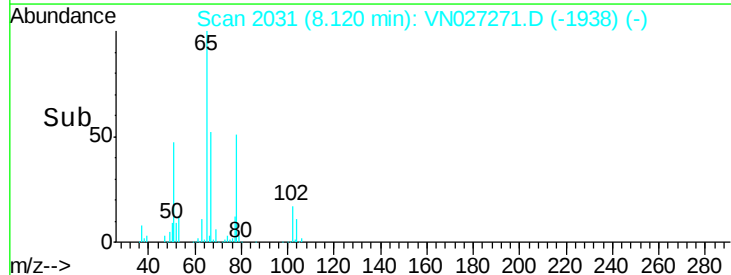
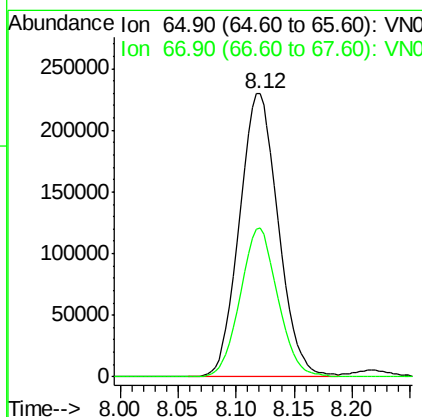
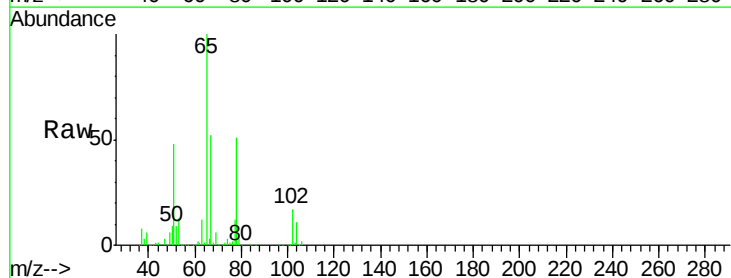
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

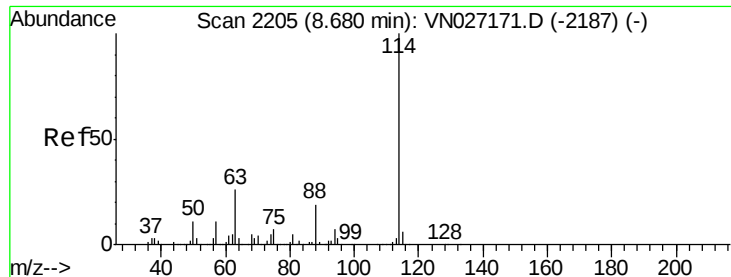
Tgt Ion: 97 Resp: 271755
 Ion Ratio Lower Upper
 97 100
 99 64.1 50.1 75.1
 61 50.7 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 50.24 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 65 Resp: 535892
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 110.6

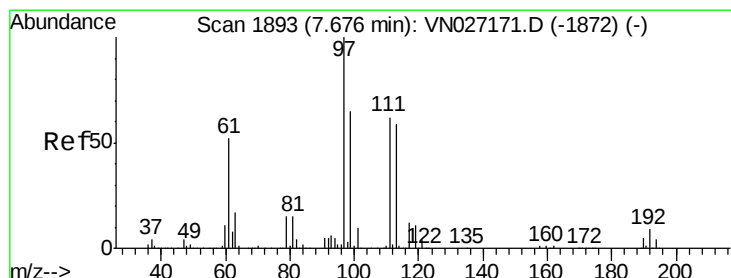
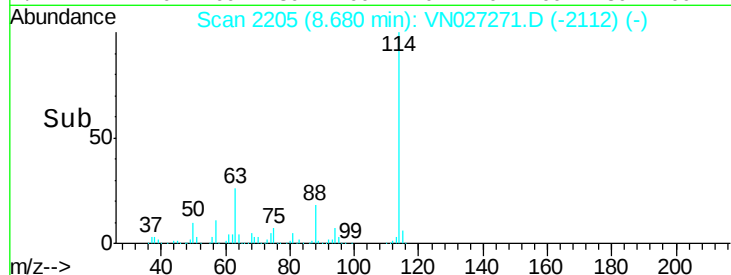
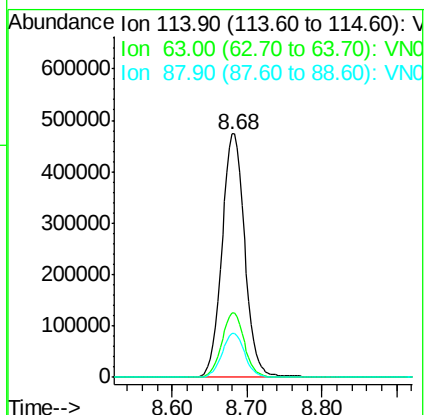
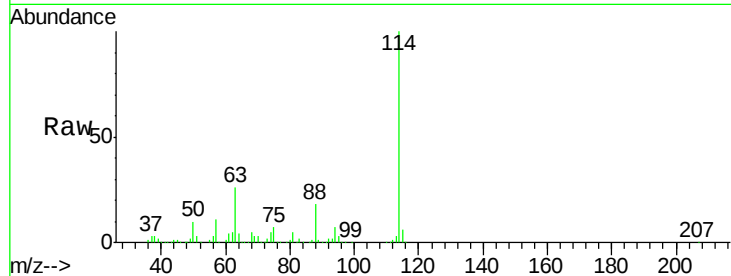




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

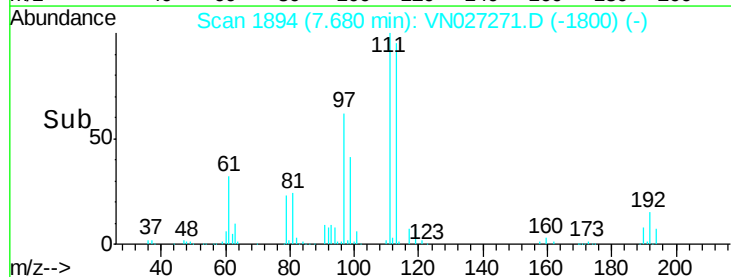
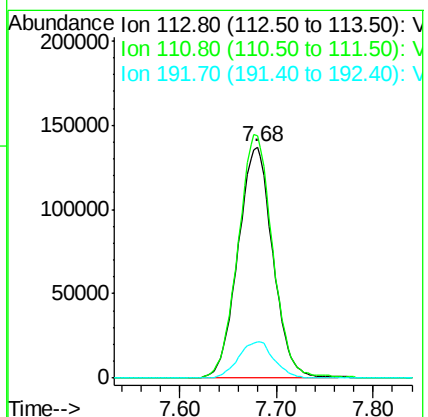
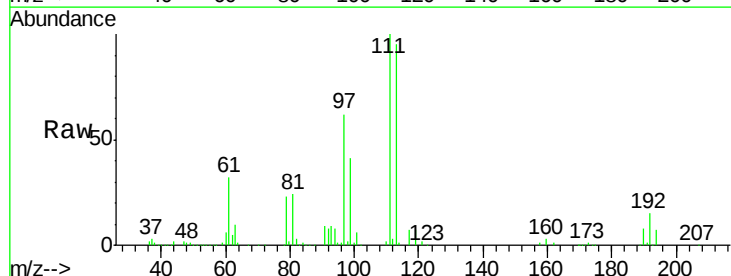
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

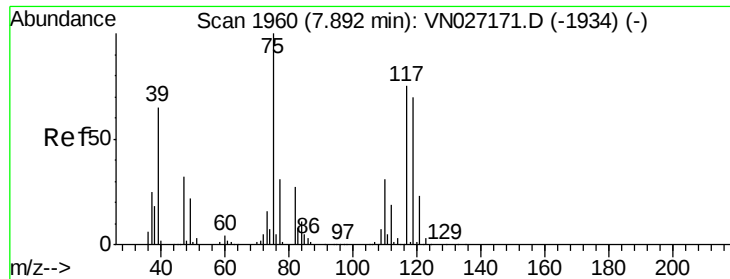
Tgt Ion:114 Resp: 997998
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 48.8
 88 17.9 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 49.50 ug/l
 RT: 7.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion:113 Resp: 342440
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.0 124.4
 192 16.1 14.1 21.1

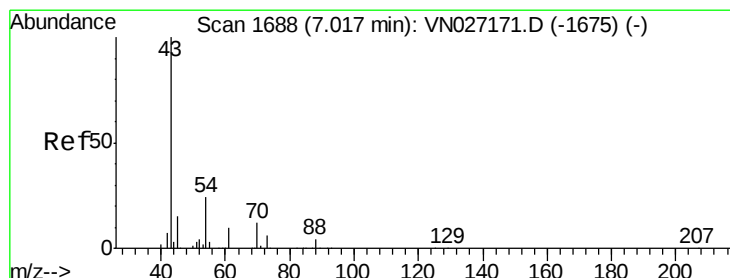
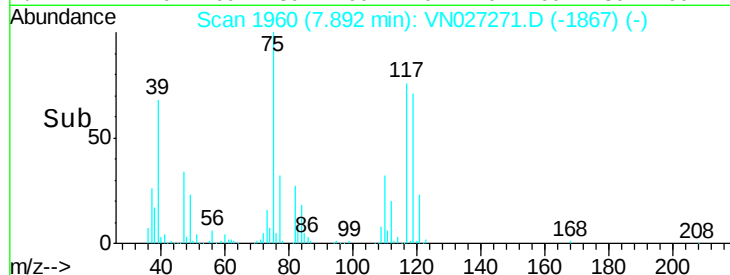
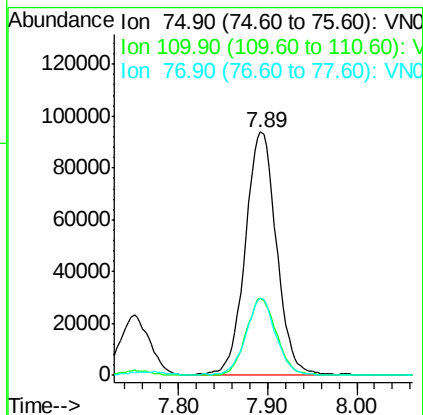
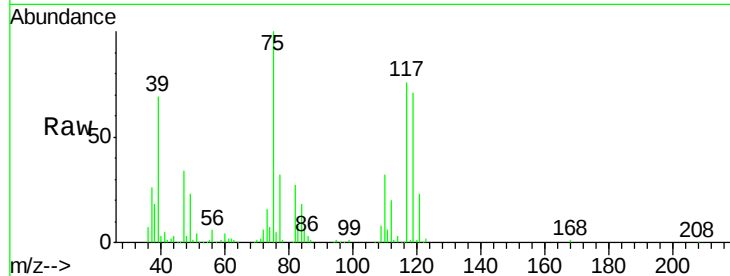




#37
 1,1-Dichloropropene
 Concen: 19.45 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

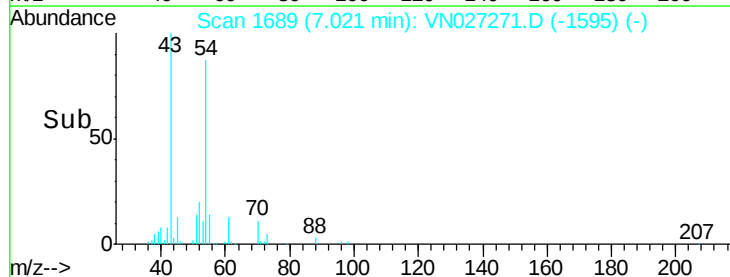
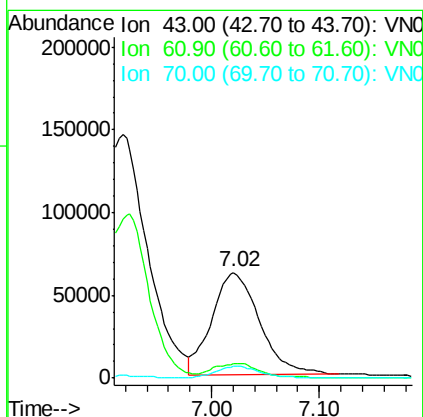
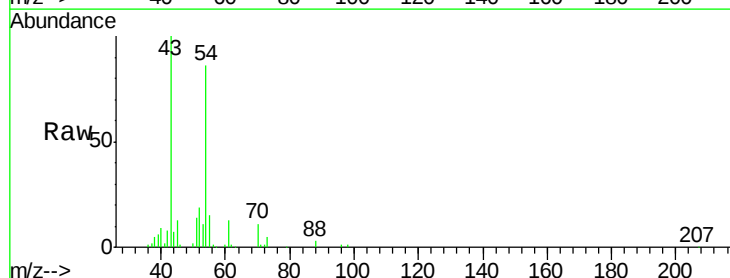
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

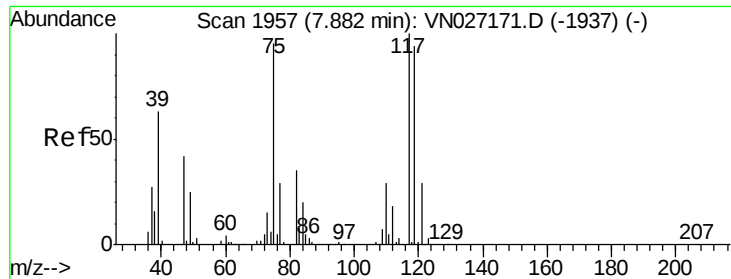
Tgt Ion: 75 Resp: 227228
 Ion Ratio Lower Upper
 75 100
 110 31.4 15.9 47.7
 77 30.1 24.9 37.3



#38
 Ethyl Acetate
 Concen: 18.69 ug/l
 RT: 7.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 43 Resp: 192273
 Ion Ratio Lower Upper
 43 100
 61 11.8 10.2 15.4
 70 10.1 7.4 11.0

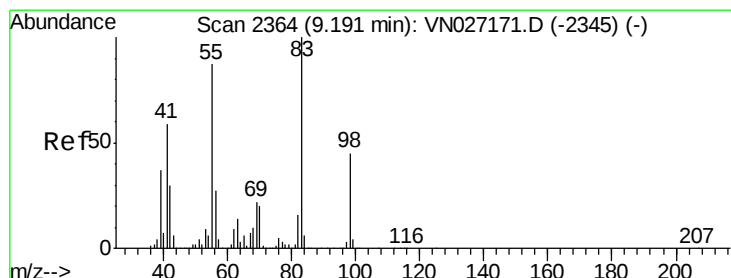
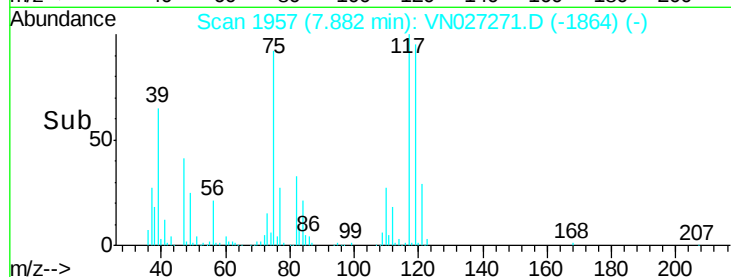
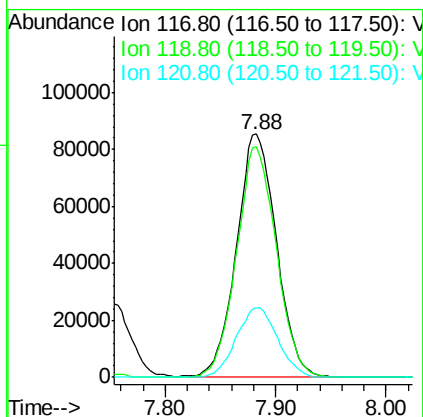
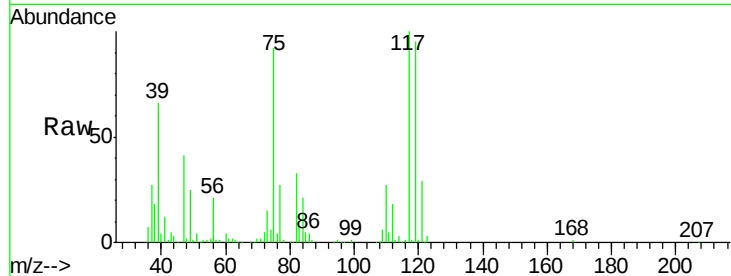




#39
Carbon Tetrachloride
Concen: 19.42 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

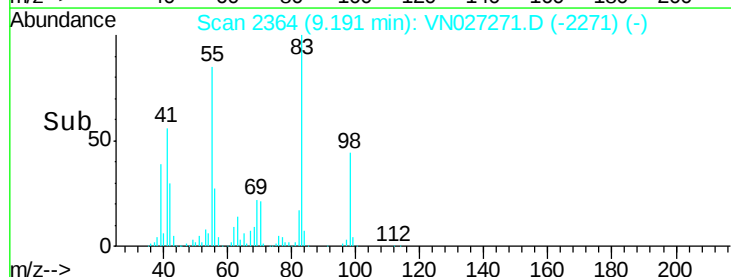
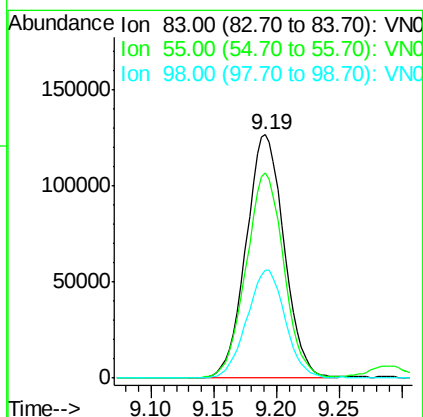
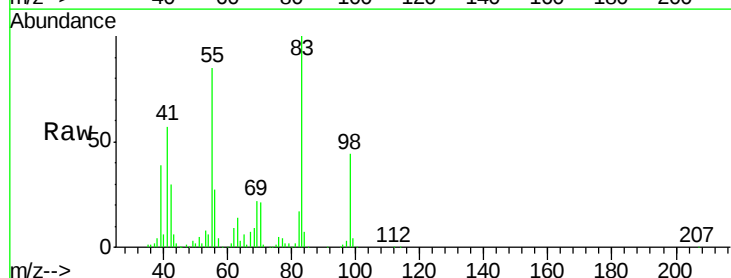
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

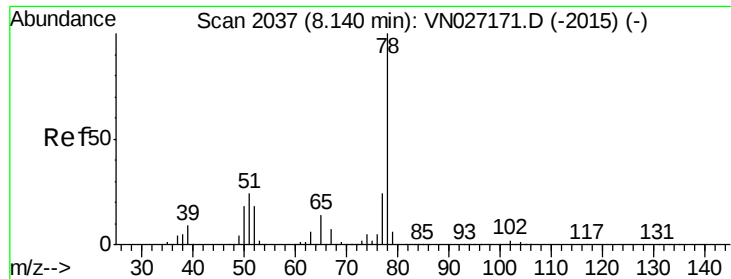
Tgt Ion: 117 Resp: 213349
Ion Ratio Lower Upper
117 100
119 95.0 75.3 112.9
121 28.8 23.8 35.8



#40
Methylcyclohexane
Concen: 18.81 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion: 83 Resp: 267642
Ion Ratio Lower Upper
83 100
55 84.3 69.8 104.8
98 44.3 34.3 51.5





#41

Benzene

Concen: 19.92 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

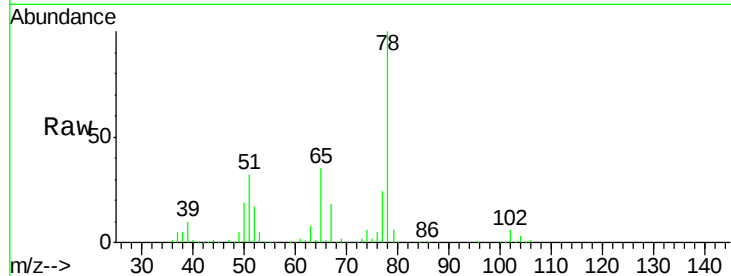
VN0917WBSD02

Tgt Ion: 78 Resp: 679094

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.14

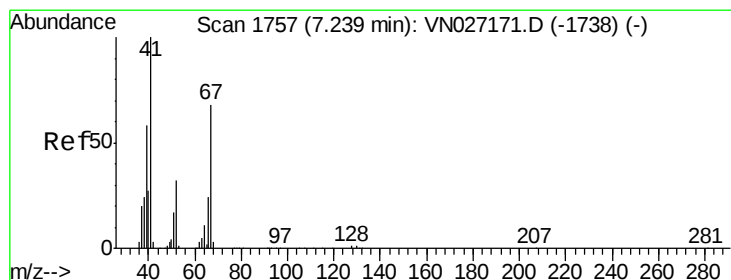
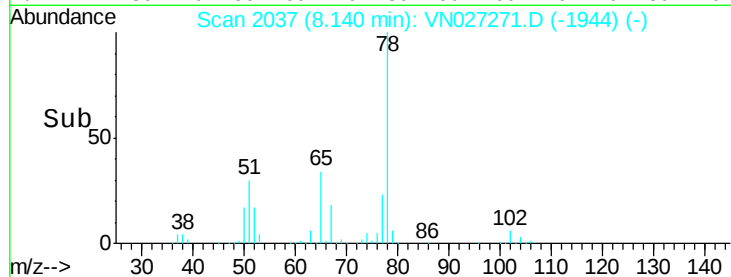
300000

200000

100000

0

Time-->



#42

Methacrylonitrile

Concen: 19.10 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Tgt Ion: 41 Resp: 107888

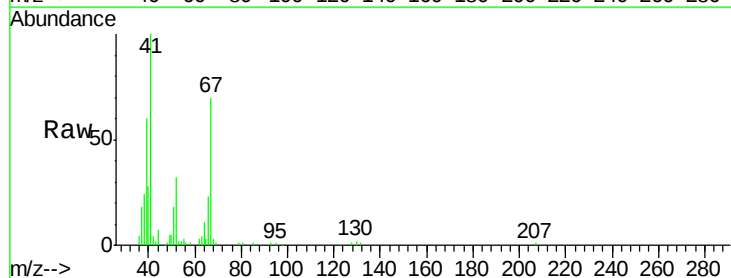
Ion Ratio Lower Upper

41 100

39 58.8 43.0 64.6

67 76.1 52.2 78.2

52 35.6 21.3 31.9#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

80000

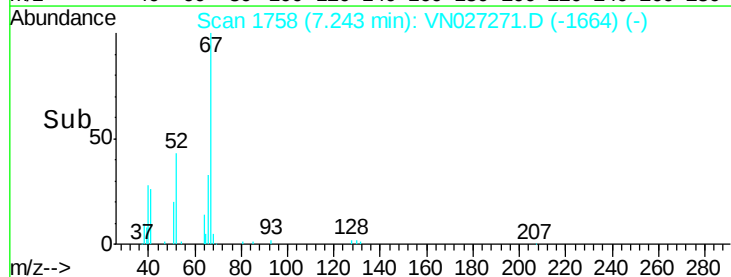
60000

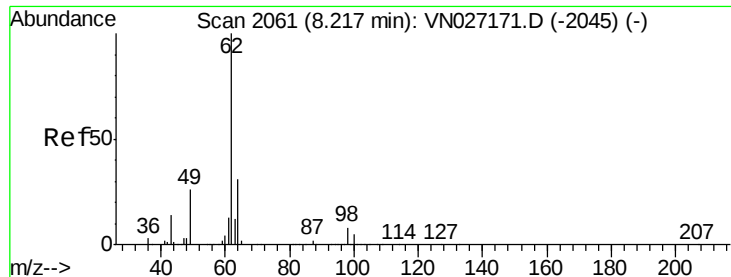
40000

20000

0

Time-->

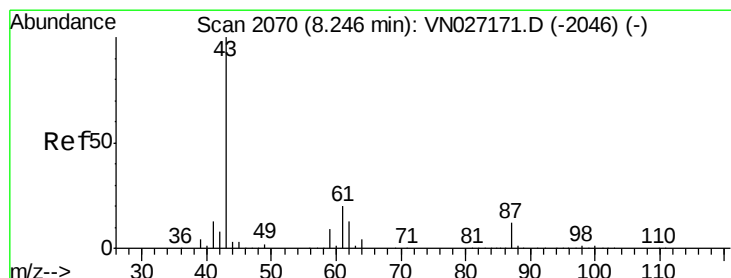
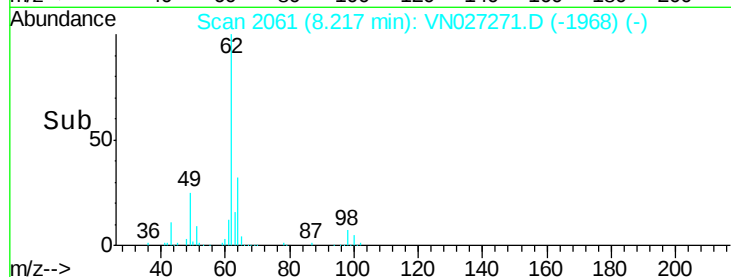
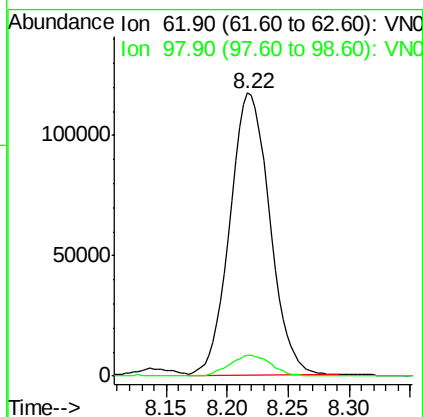
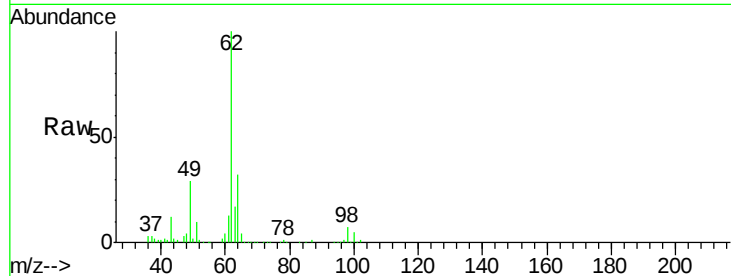




#43
 1,2-Dichloroethane
 Concen: 19.41 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

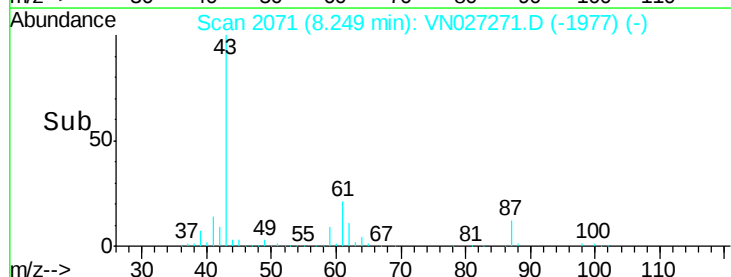
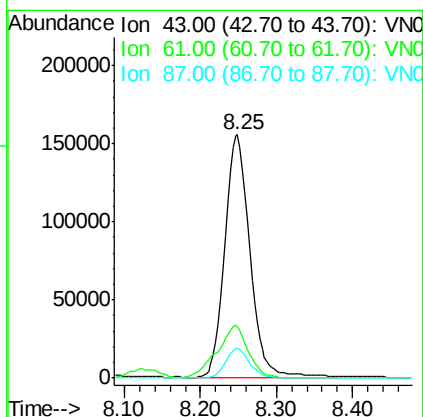
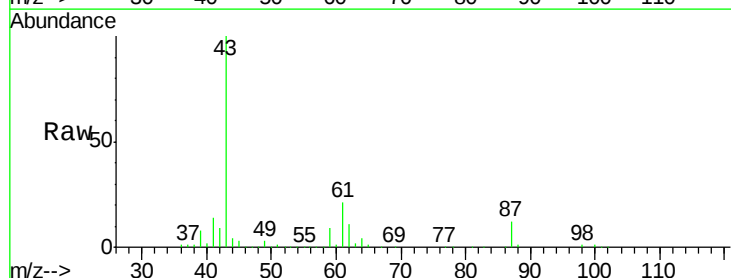
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917WBSD02

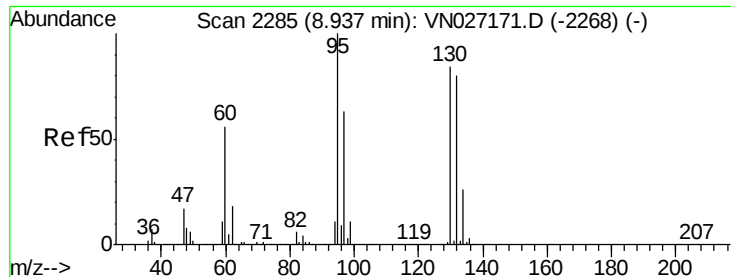
Tgt Ion: 62 Resp: 266482
 Ion Ratio Lower Upper
 62 100
 98 7.9 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 19.22 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 43 Resp: 358737
 Ion Ratio Lower Upper
 43 100
 61 26.2 20.6 31.0
 87 11.7 8.6 13.0





#45

Trichloroethene

Concen: 20.14 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

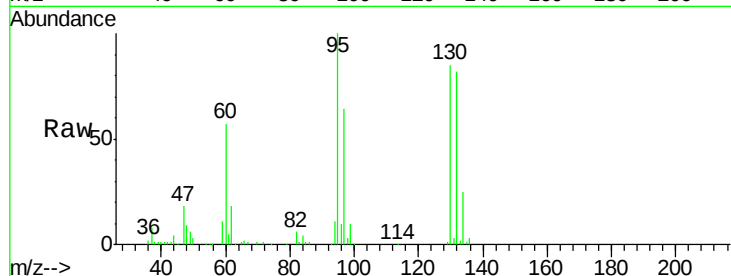
VN0917WBSD02

Tgt Ion:130 Resp: 137895

Ion Ratio Lower Upper

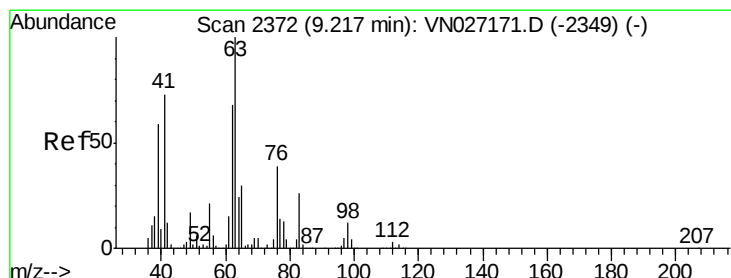
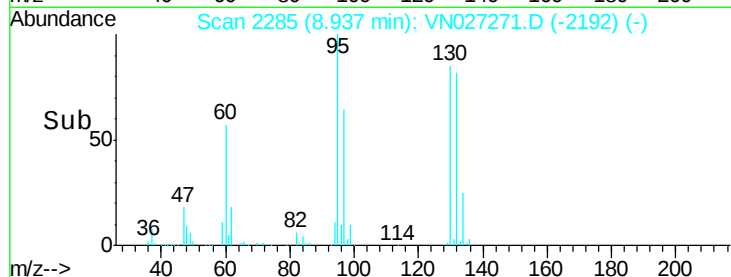
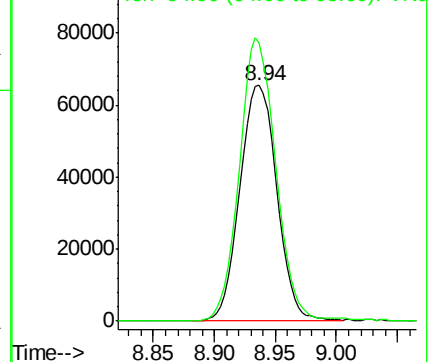
130 100

95 118.1 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

1,2-Dichloropropane

Concen: 19.25 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027271.D

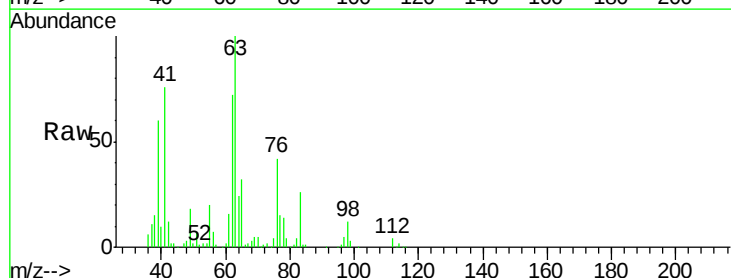
Acq: 17 Sep 2015 23:29

Tgt Ion: 63 Resp: 188776

Ion Ratio Lower Upper

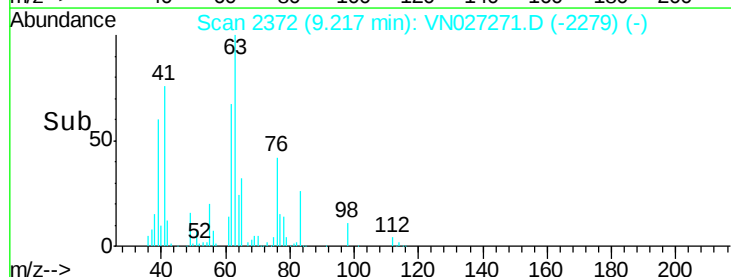
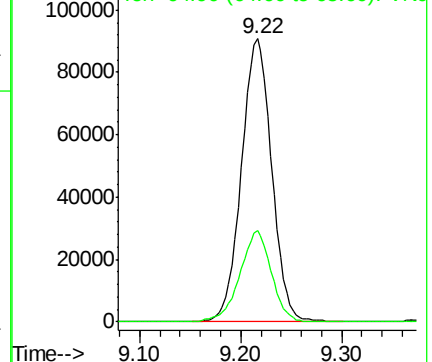
63 100

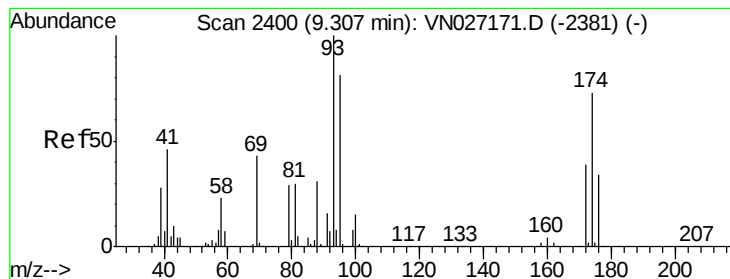
65 32.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Dibromomethane

Concen: 19.45 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

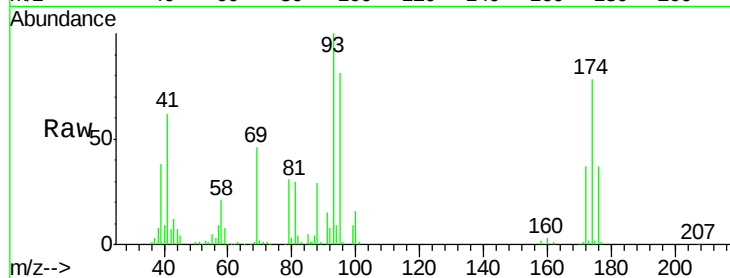
Tgt Ion: 93 Resp: 111991

Ion Ratio Lower Upper

93 100

95 81.4 66.3 99.5

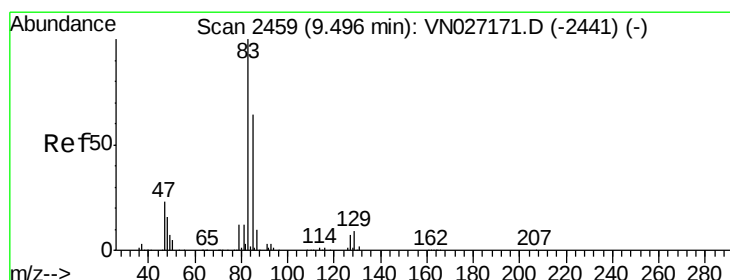
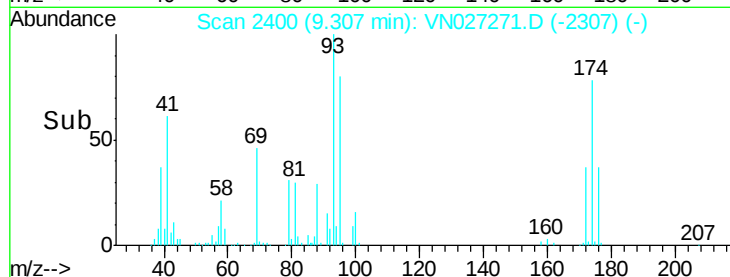
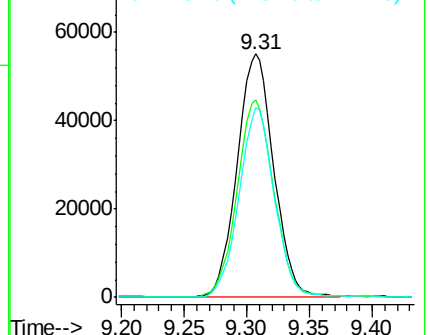
174 75.1 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#48

Bromodichloromethane

Concen: 19.63 ug/l

RT: 9.50 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

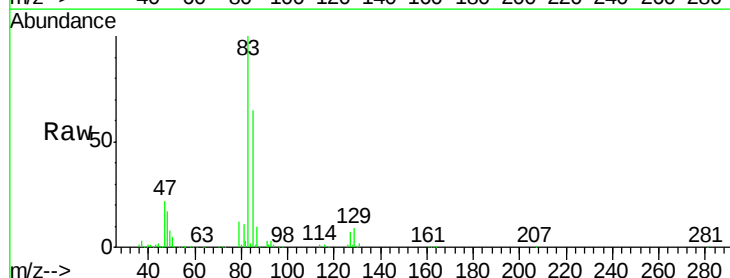
Tgt Ion: 83 Resp: 238209

Ion Ratio Lower Upper

83 100

85 65.1 50.7 76.1

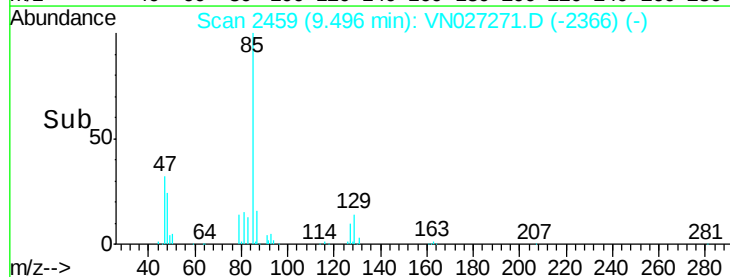
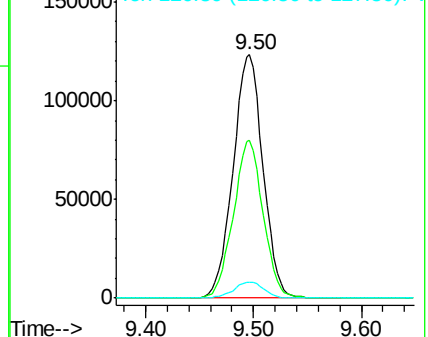
127 6.6 5.5 8.3

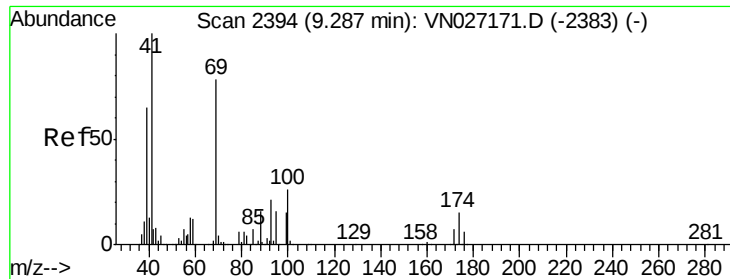


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

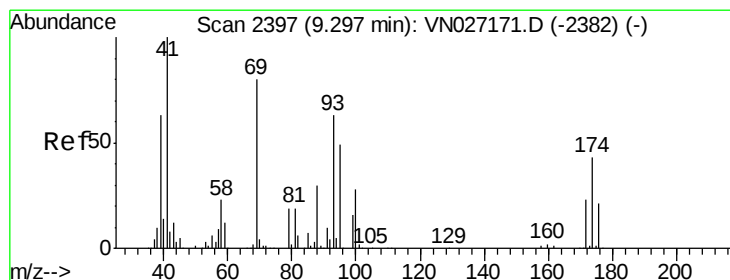
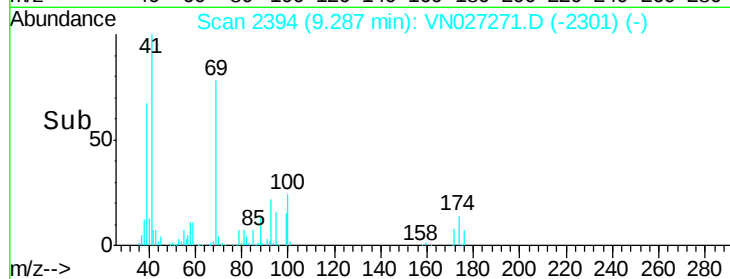
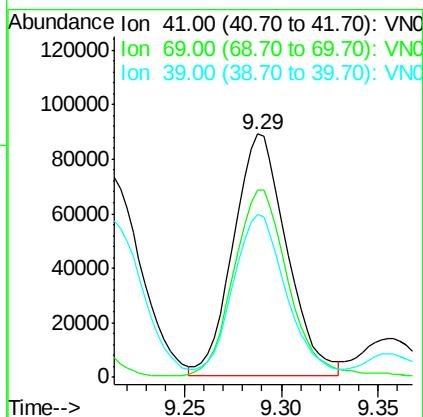
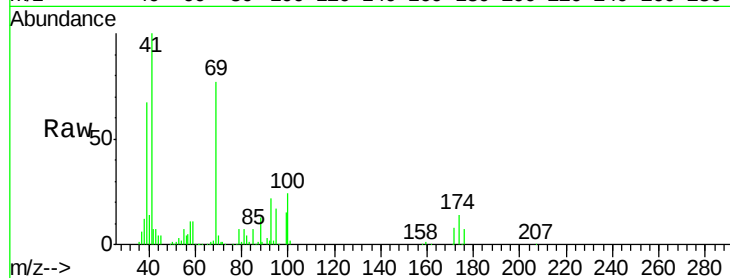




#49
Methyl methacrylate
Concen: 18.37 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

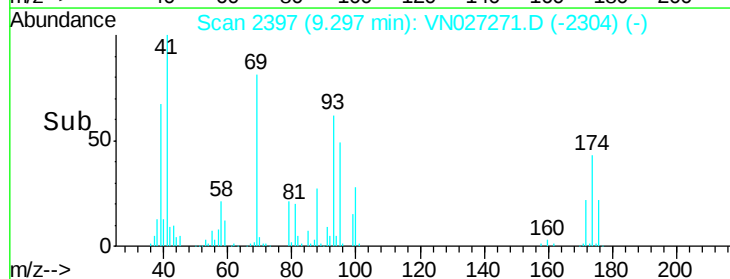
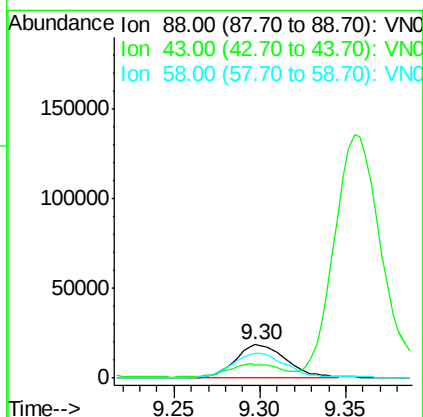
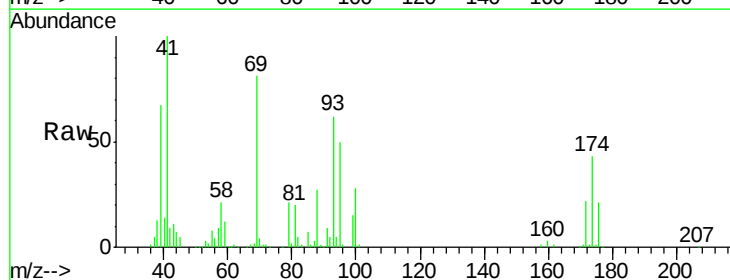
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

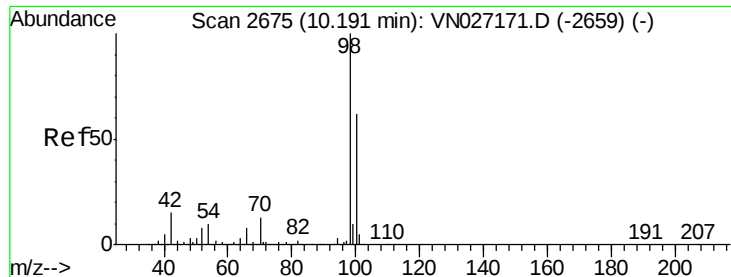
Tgt Ion: 41 Resp: 170884
Ion Ratio Lower Upper
41 100
69 79.9 59.3 88.9
39 66.3 39.5 59.3#



#50
1,4-Dioxane
Concen: 353.32 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion: 88 Resp: 38543
Ion Ratio Lower Upper
88 100
43 38.9 27.6 41.4
58 78.0 63.1 94.7





#51

Toluene-d8

Concen: 48.72 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

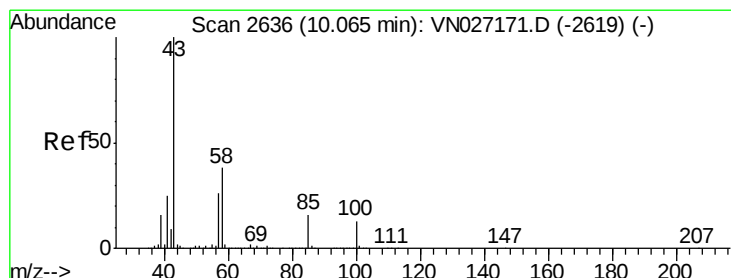
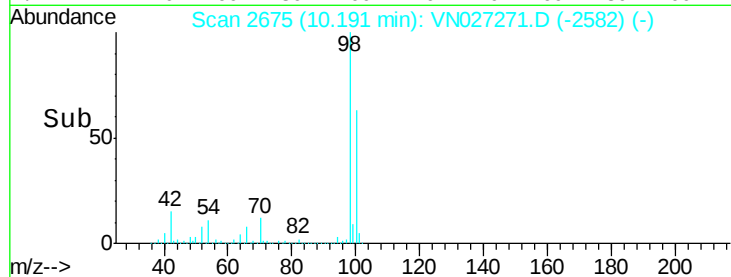
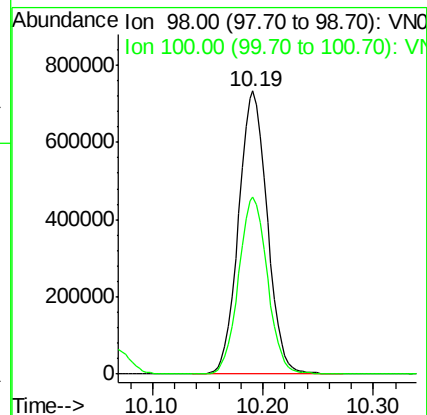
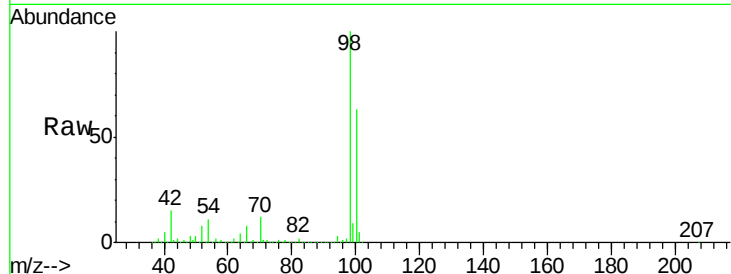
VN0917WBSD02

Tgt Ion: 98 Resp: 1319730

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 95.25 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027271.D

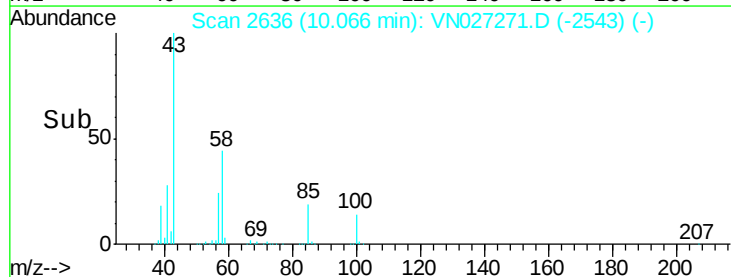
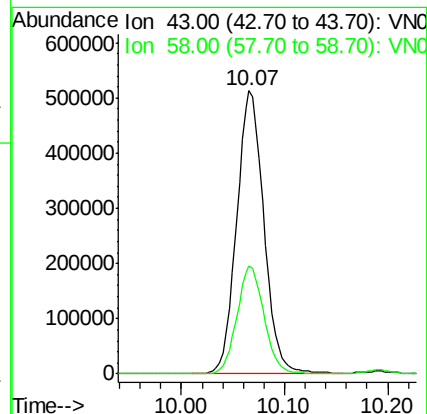
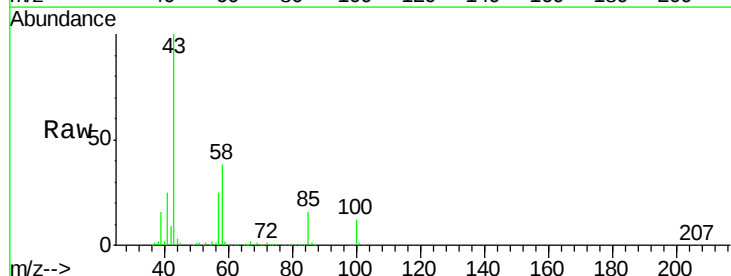
Acq: 17 Sep 2015 23:29

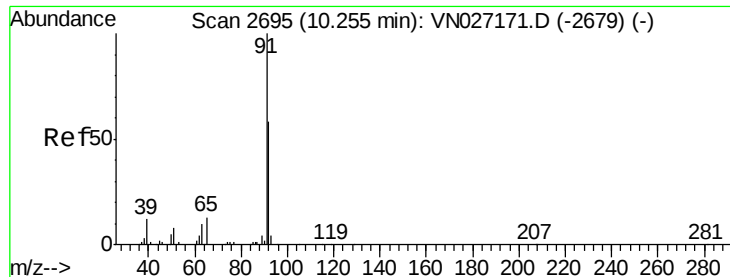
Tgt Ion: 43 Resp: 940219

Ion Ratio Lower Upper

43 100

58 38.1 29.8 44.8





#53

Toluene

Concen: 19.78 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

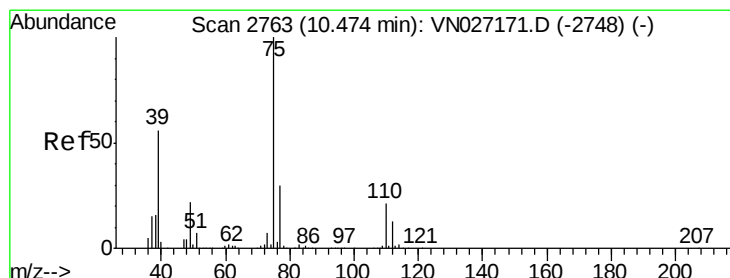
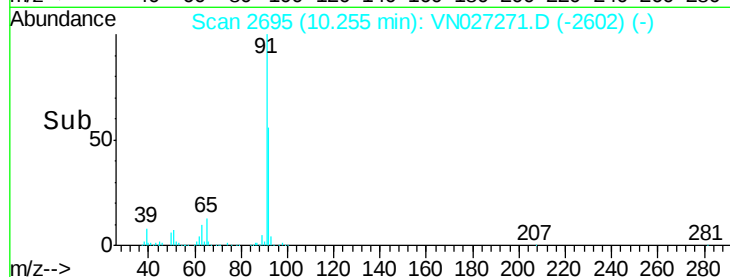
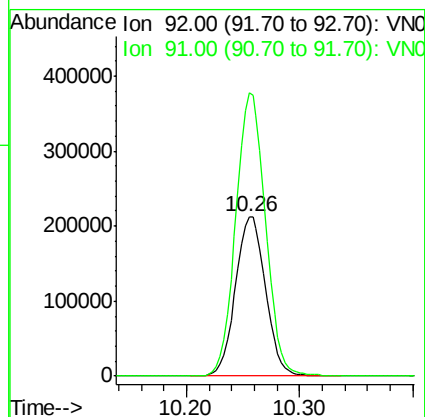
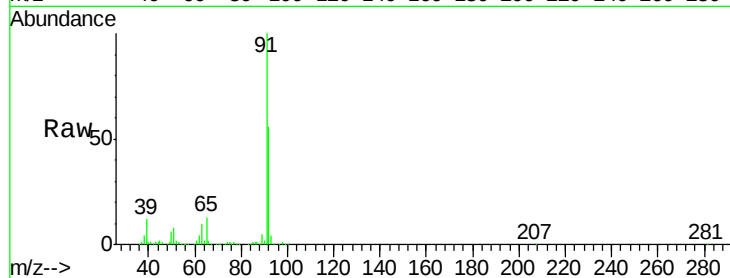
VN0917WBSD02

Tgt Ion: 92 Resp: 394875

Ion Ratio Lower Upper

92 100

91 175.0 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 17.78 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027271.D

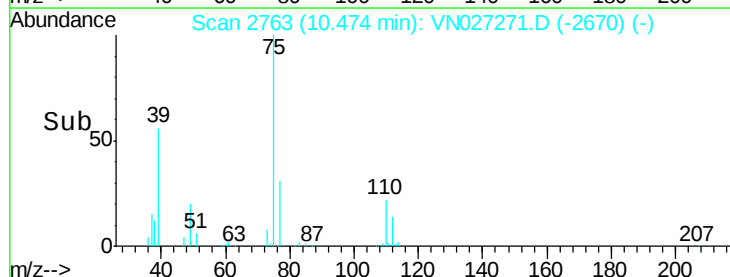
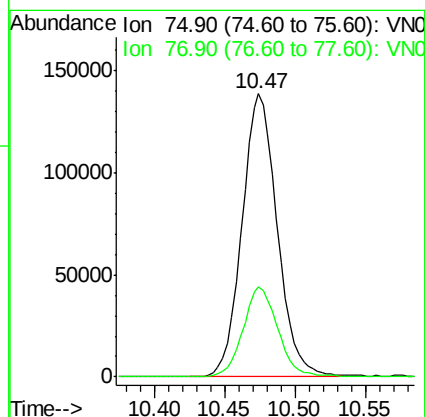
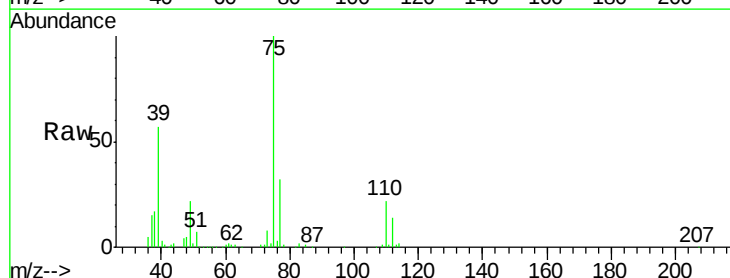
Acq: 17 Sep 2015 23:29

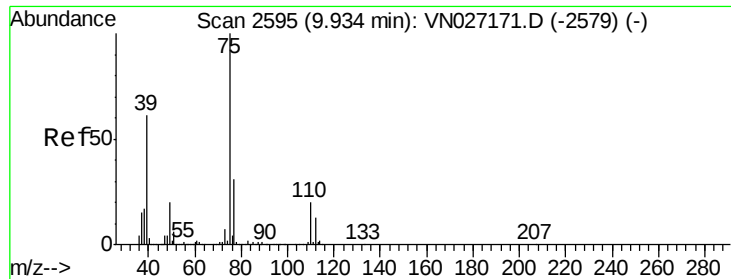
Tgt Ion: 75 Resp: 242320

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 18.35 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

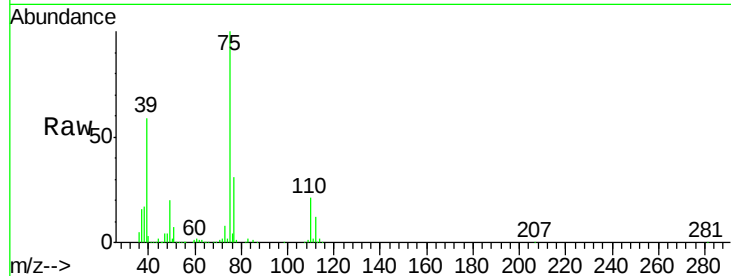
Tgt Ion: 75 Resp: 272029

Ion Ratio Lower Upper

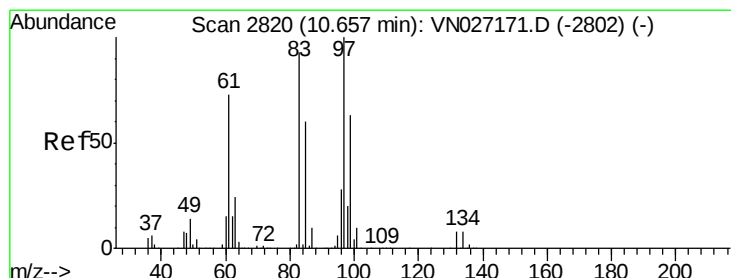
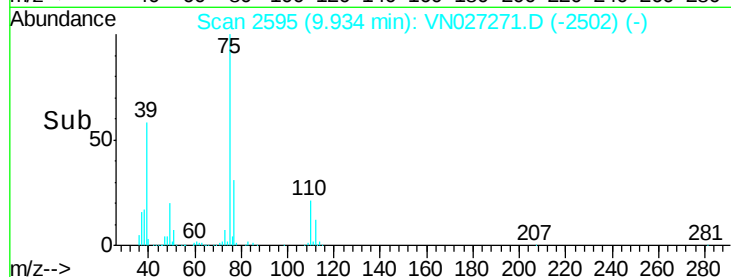
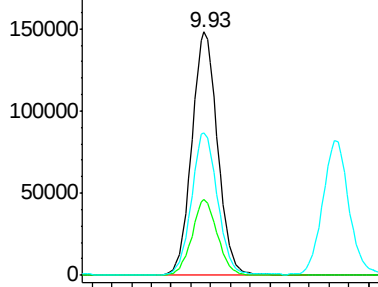
75 100

77 31.0 25.6 38.4

39 58.4 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0



#56

1,1,2-Trichloroethane

Concen: 19.88 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Tgt Ion: 97 Resp: 149198

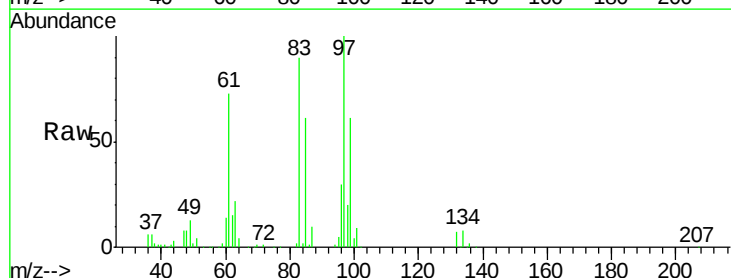
Ion Ratio Lower Upper

97 100

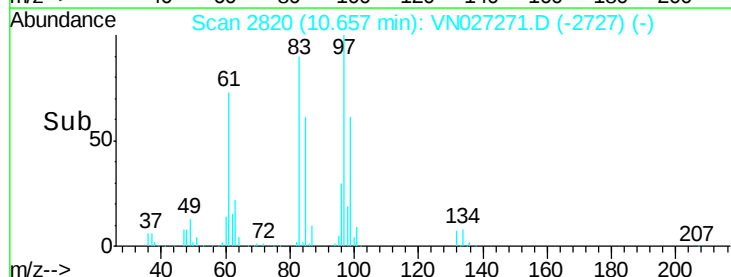
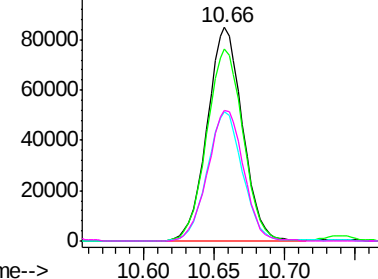
83 90.0 75.0 112.4

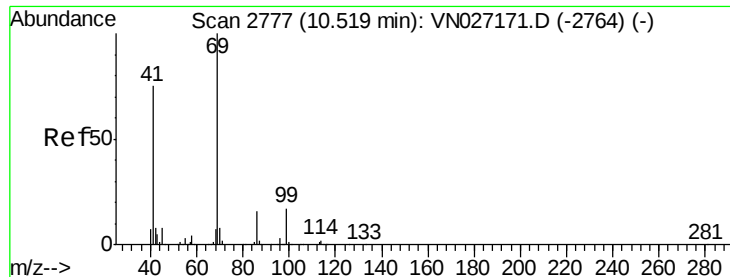
85 60.6 48.0 72.0

99 61.3 50.3 75.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 98.90 (98.60 to 99.60): VN0





#57

Ethyl methacrylate

Concen: 19.10 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

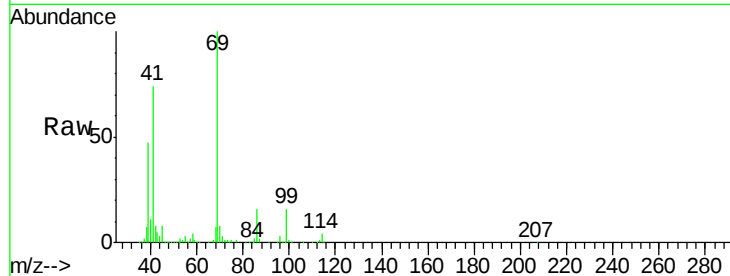
Tgt Ion: 69 Resp: 241531

Ion Ratio Lower Upper

69 100

41 72.1 61.3 91.9

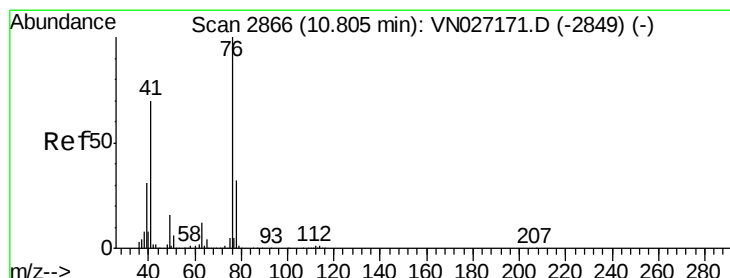
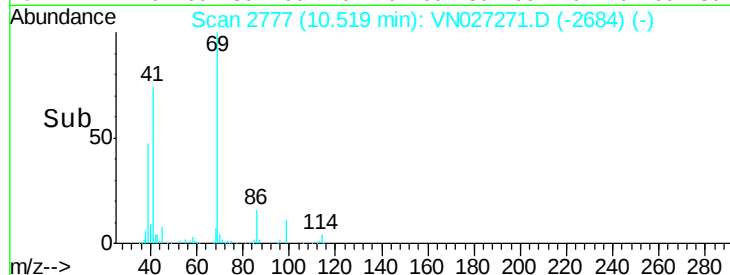
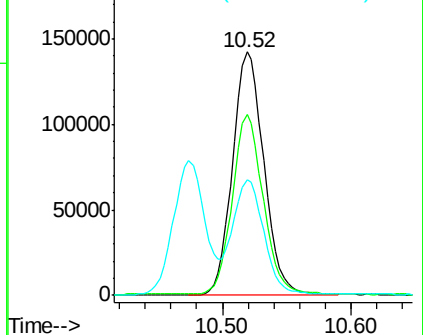
39 47.0 28.4 42.6#



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: 20.12 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027271.D

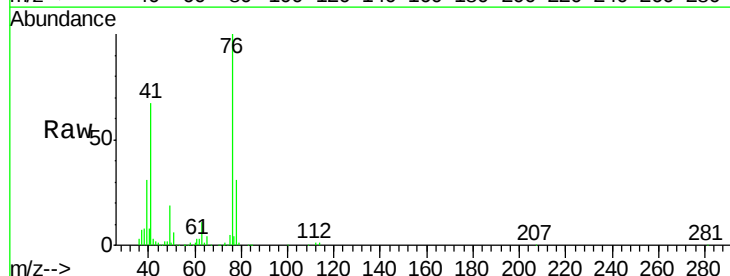
Acq: 17 Sep 2015 23:29

Tgt Ion: 76 Resp: 280282

Ion Ratio Lower Upper

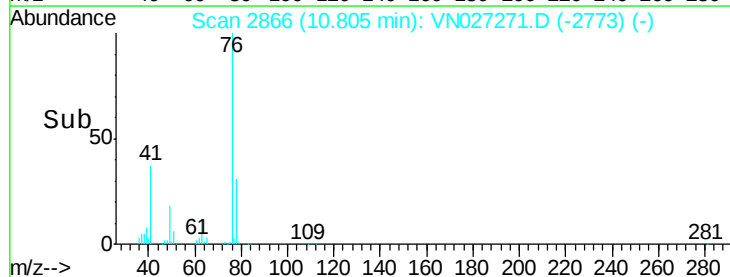
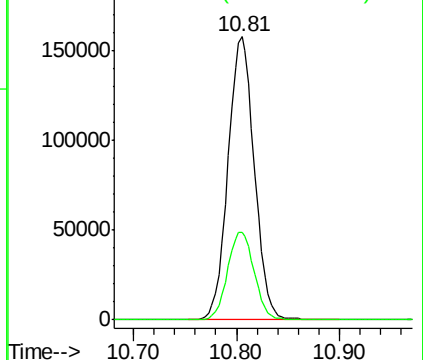
76 100

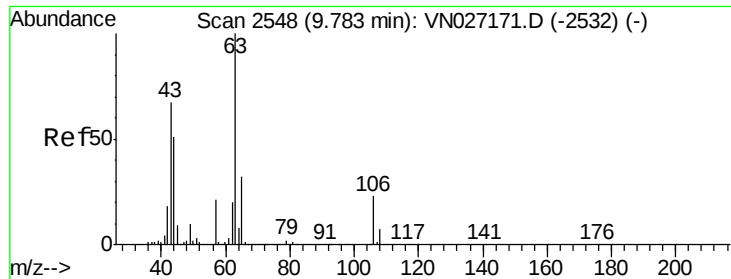
78 31.4 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

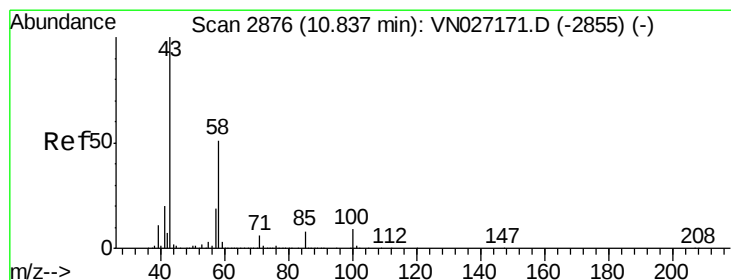
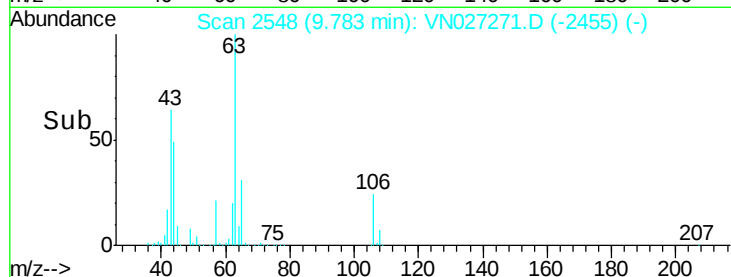
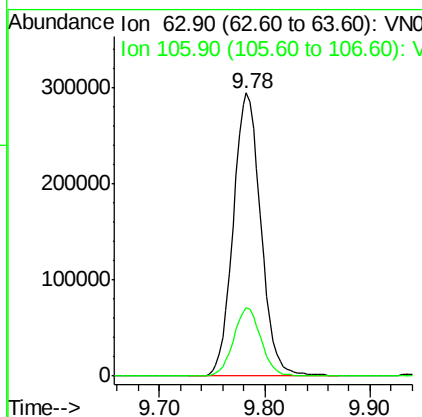
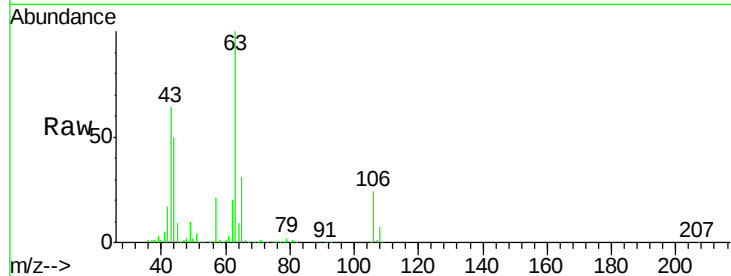




#59
 2-Chloroethyl Vinyl ether
 Concen: 91.97 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

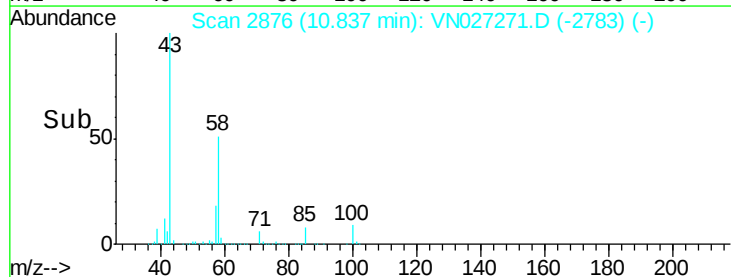
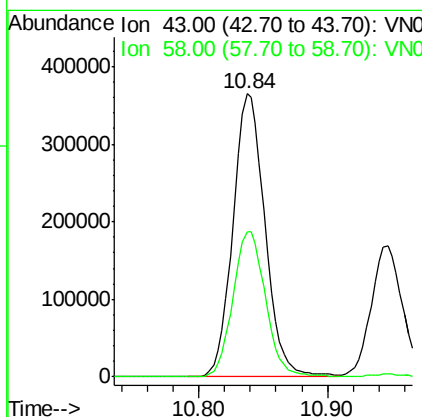
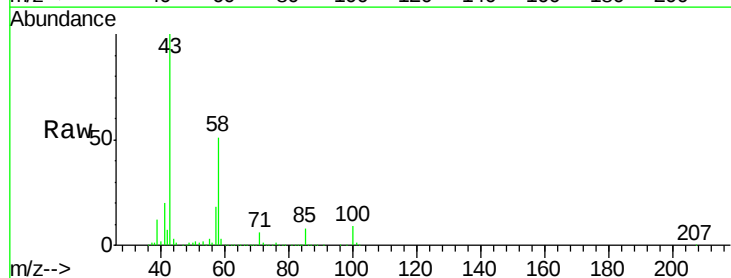
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

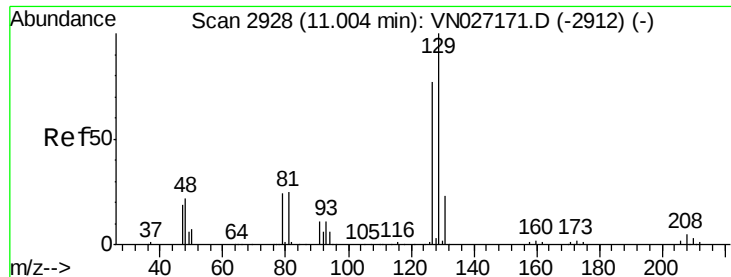
Tgt Ion: 63 Resp: 533975
 Ion Ratio Lower Upper
 63 100
 106 23.9 17.7 26.5



#60
 2-Hexanone
 Concen: 92.91 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 43 Resp: 624350
 Ion Ratio Lower Upper
 43 100
 58 52.6 26.2 78.5

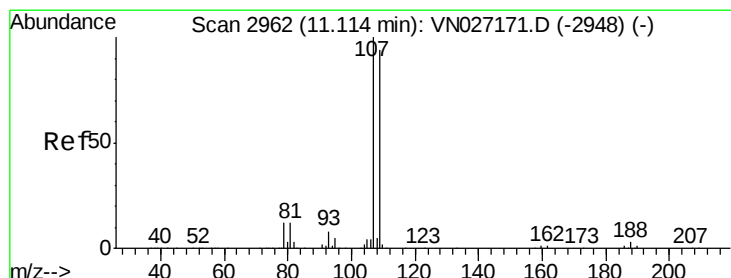
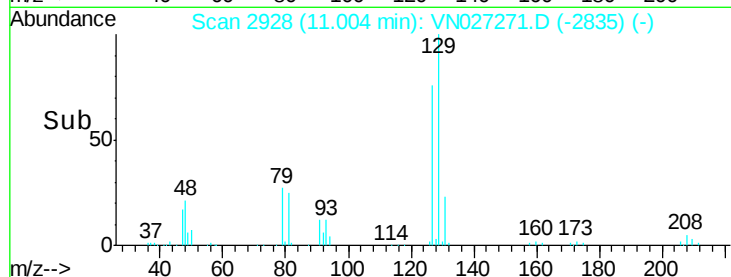
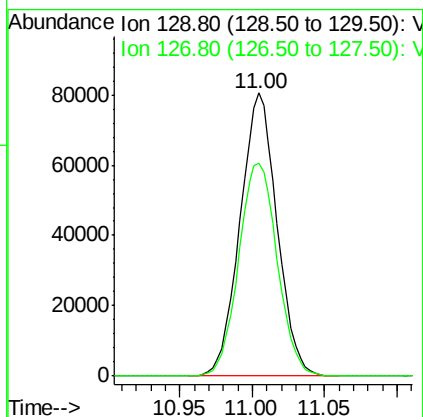
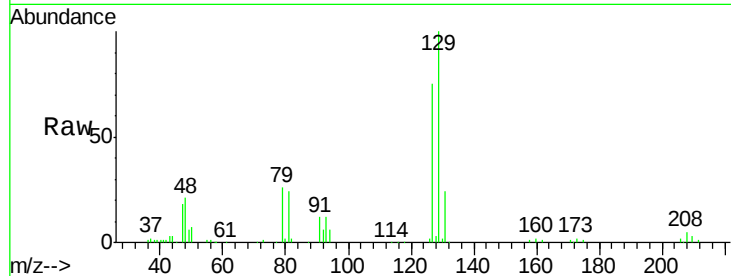




#61
Dibromochloromethane
Concen: 18.62 ug/l
RT: 11.00 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

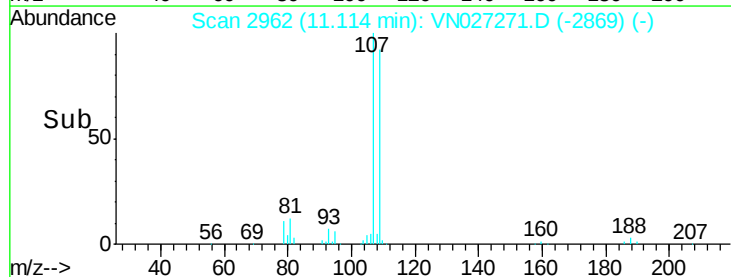
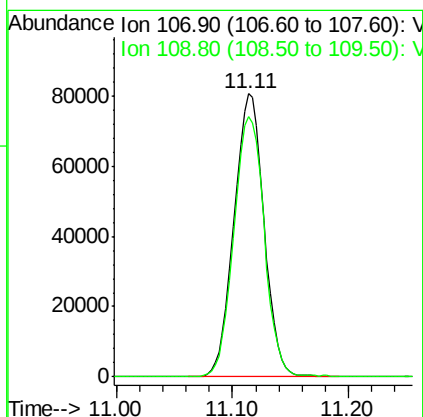
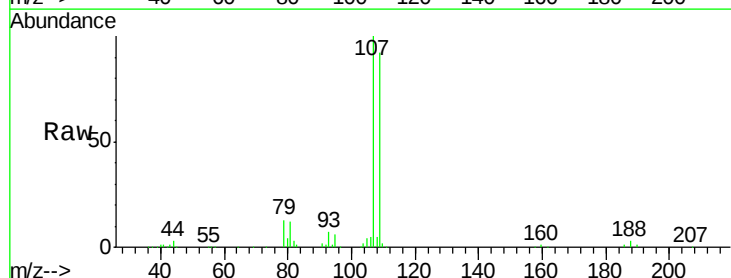
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

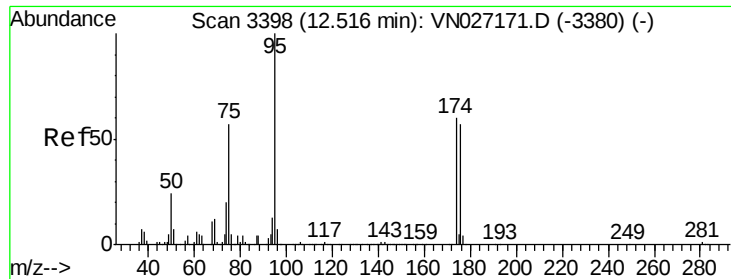
Tgt Ion:129 Resp: 142653
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2



#62
1,2-Dibromoethane
Concen: 19.51 ug/l
RT: 11.11 min Scan# 2962
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion:107 Resp: 143832
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

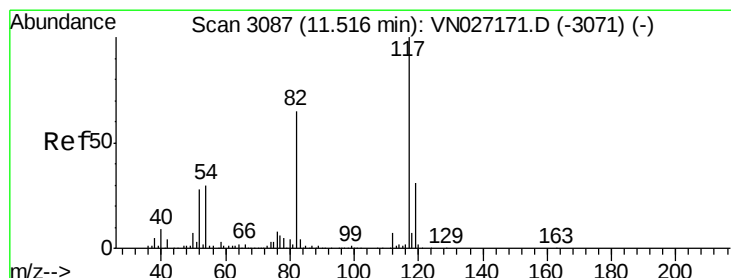
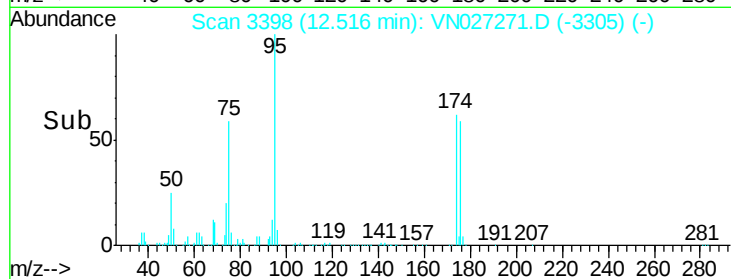
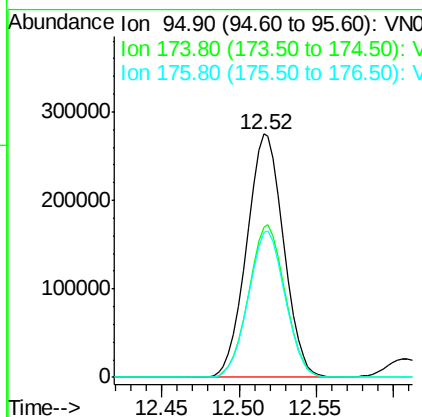
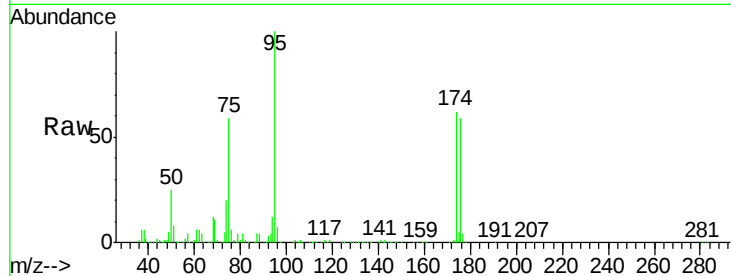




#63
 4-Bromofluorobenzene
 Concen: 47.53 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

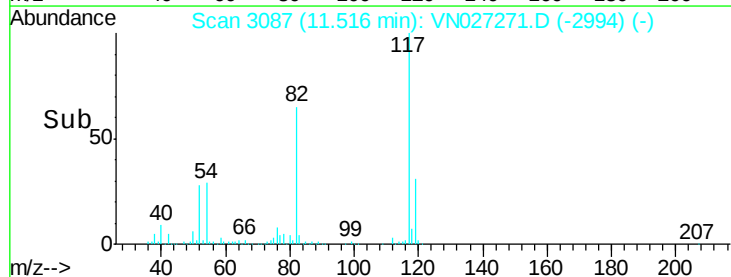
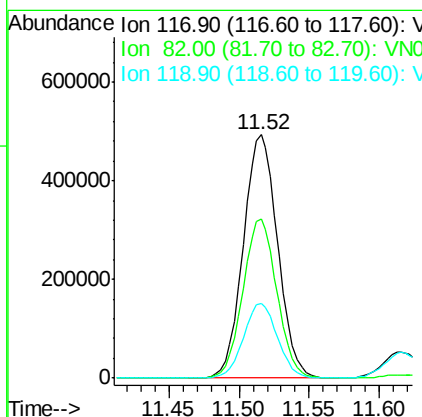
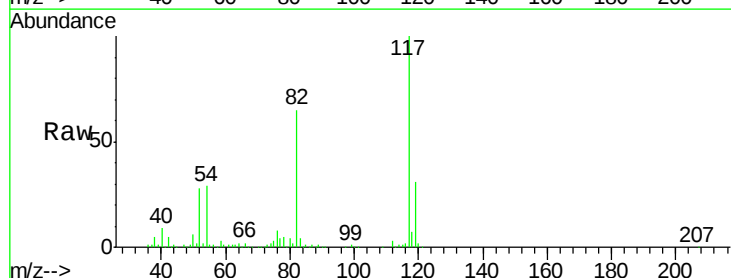
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

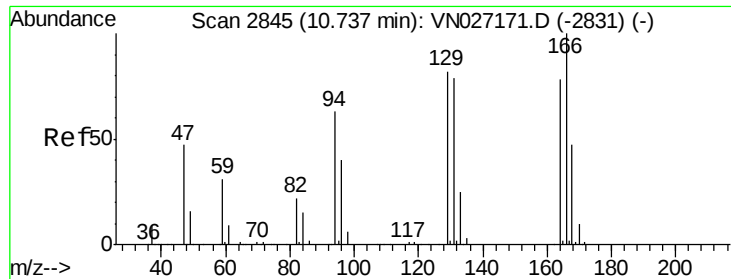
Tgt Ion: 95 Resp: 456960
 Ion Ratio Lower Upper
 95 100
 174 62.0 0.0 137.0
 176 59.7 0.0 130.8



#64
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 117 Resp: 840478
 Ion Ratio Lower Upper
 117 100
 82 65.2 49.6 74.4
 119 30.7 24.6 36.8

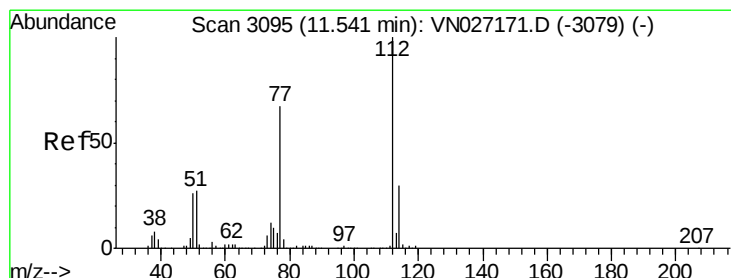
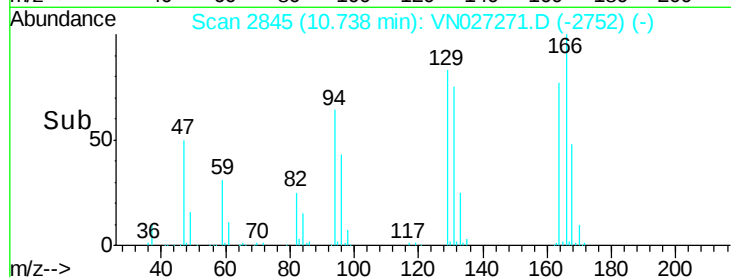
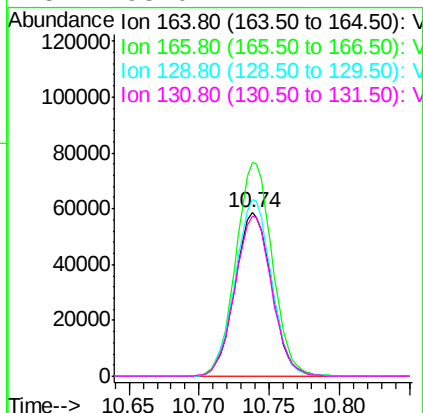
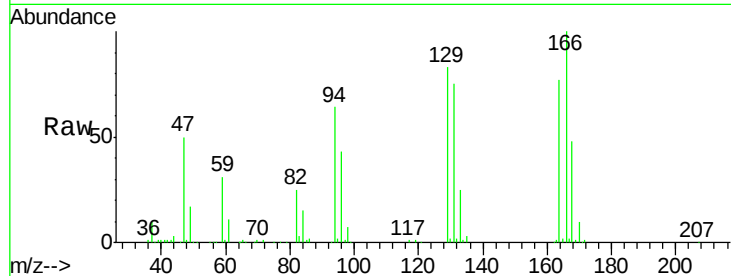




#65
Tetrachloroethene
Concen: 19.93 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

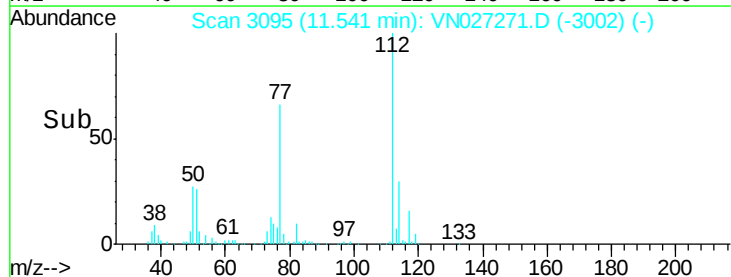
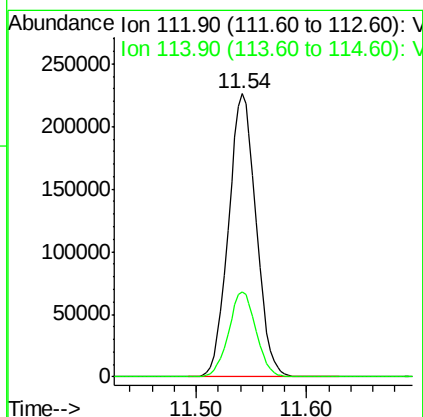
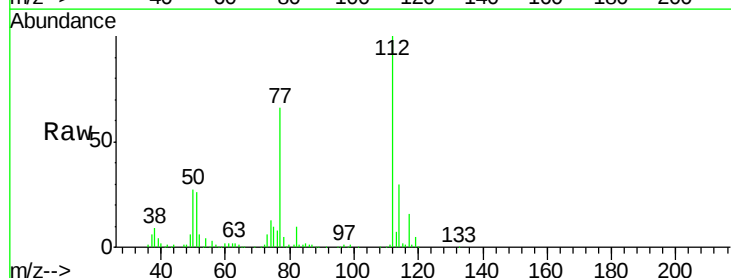
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

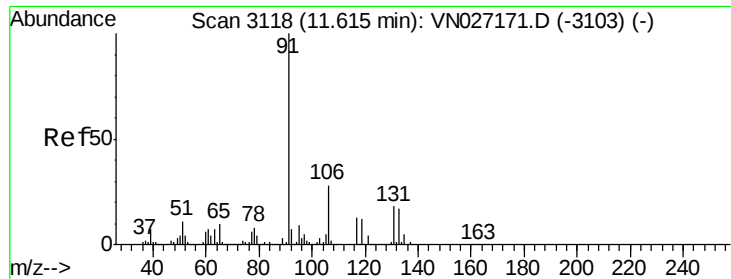
Tgt Ion:164 Resp: 107108
Ion Ratio Lower Upper
164 100
166 130.6 103.4 155.0
129 107.9 77.5 116.3
131 98.0 74.2 111.4



#66
Chlorobenzene
Concen: 19.73 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion:112 Resp: 391468
Ion Ratio Lower Upper
112 100
114 30.1 24.9 37.3





#67

1,1,1,2-Tetrachloroethane

Concen: 19.63 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

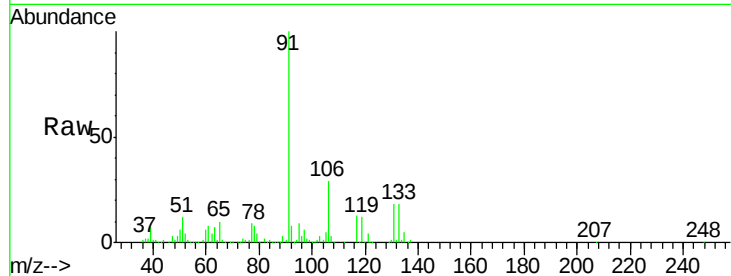
Tgt Ion:131 Resp: 132855

Ion Ratio Lower Upper

131 100

133 96.5 47.0 141.2

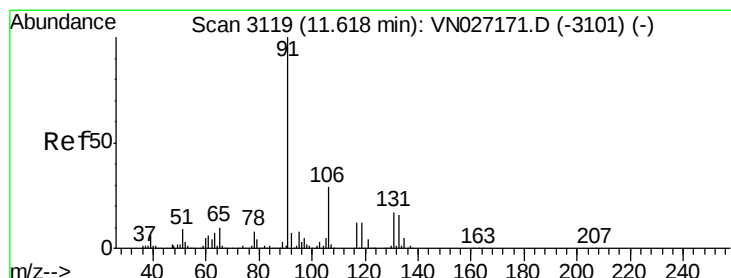
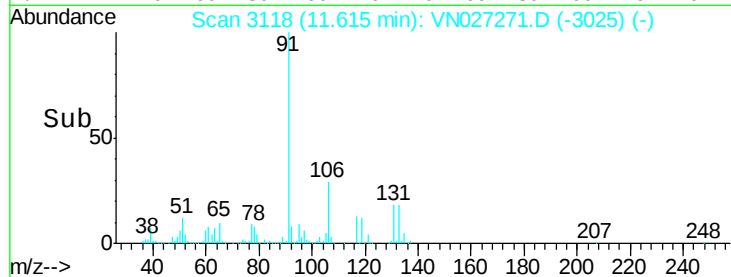
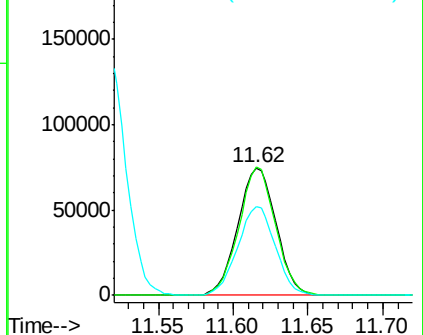
119 68.4 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 19.48 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027271.D

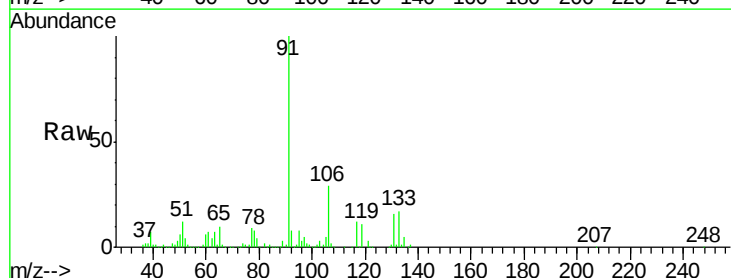
Acq: 17 Sep 2015 23:29

Tgt Ion: 91 Resp: 733086

Ion Ratio Lower Upper

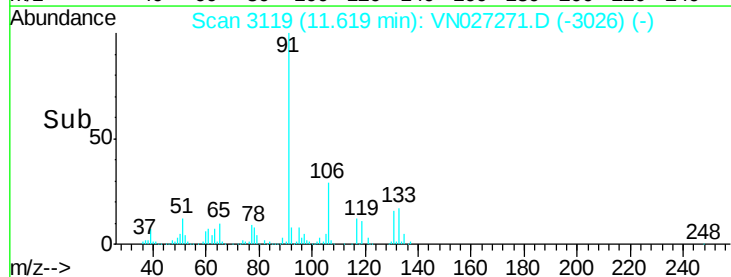
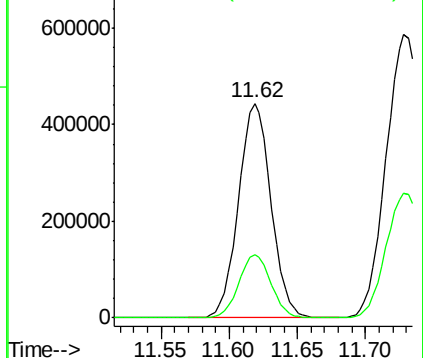
91 100

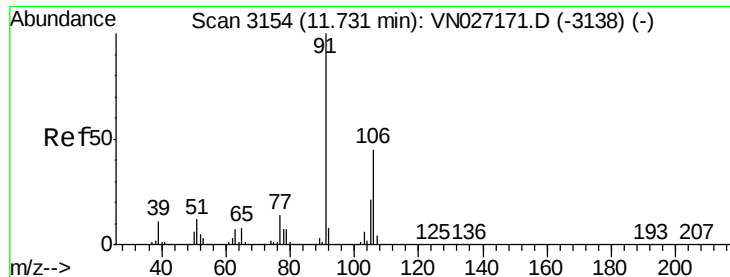
106 29.3 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

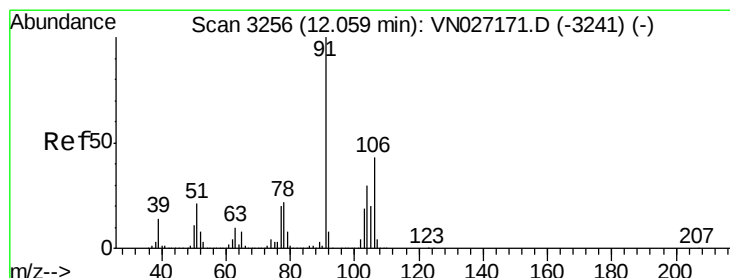
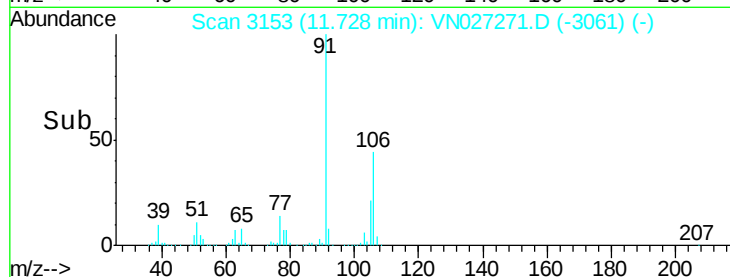
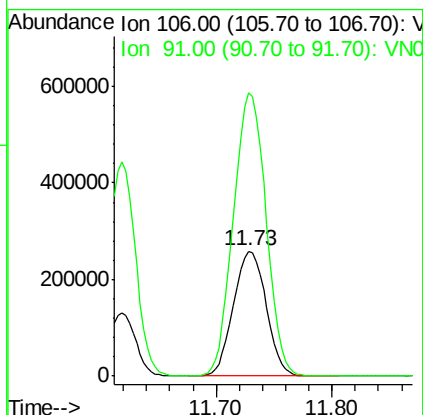
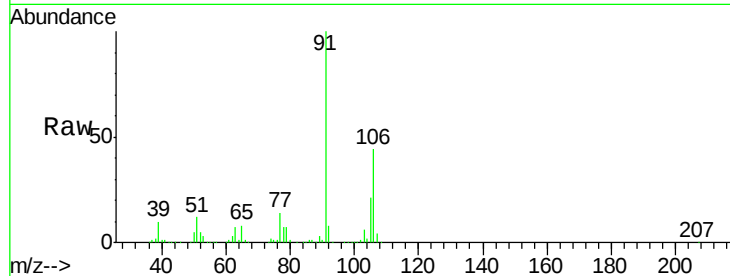




#69
m/p-Xylenes
Concen: 39.11 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

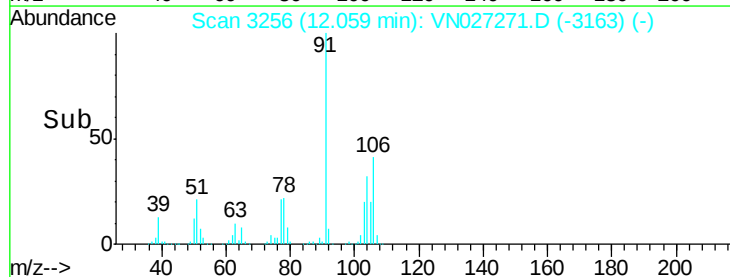
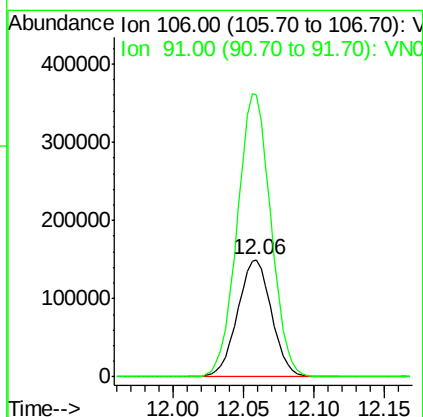
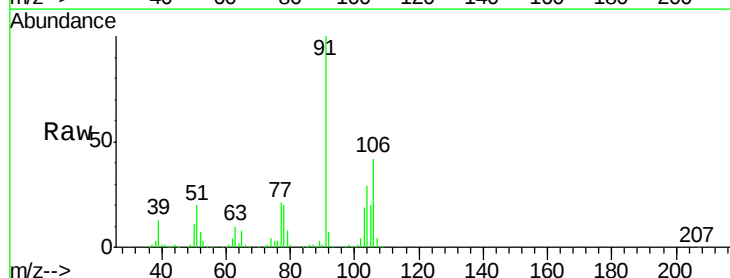
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

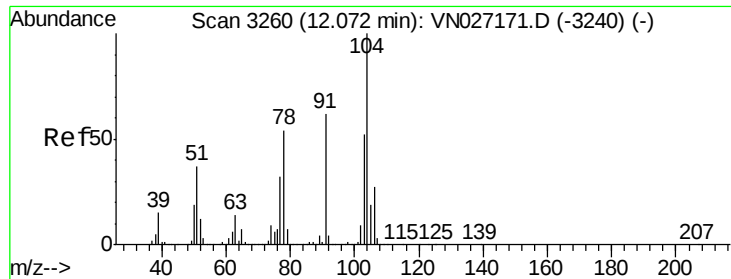
Tgt Ion:106 Resp: 507654
Ion Ratio Lower Upper
106 100
91 224.7 167.1 250.7



#70
o-Xylene
Concen: 19.40 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion:106 Resp: 252419
Ion Ratio Lower Upper
106 100
91 239.5 110.7 331.9





#71

Styrene

Concen: 19.50 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

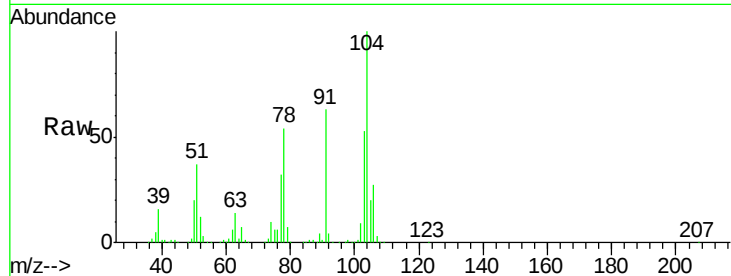
Tgt Ion:104 Resp: 409671

Ion Ratio Lower Upper

104 100

78 58.6 41.6 62.4

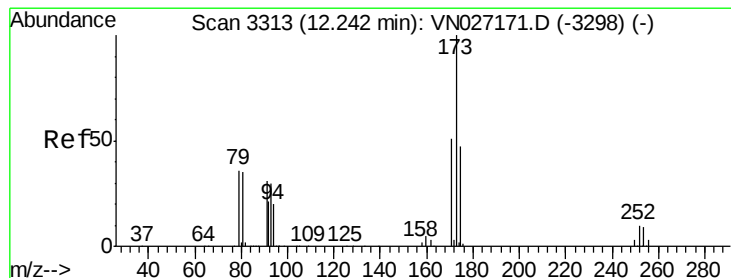
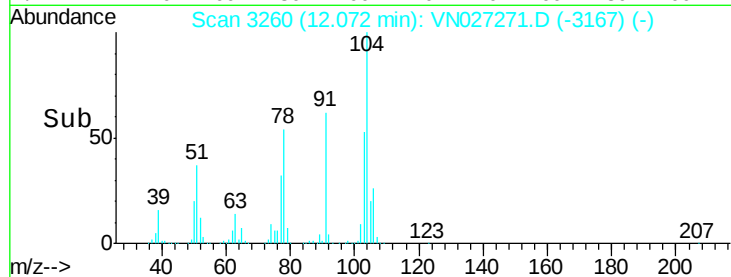
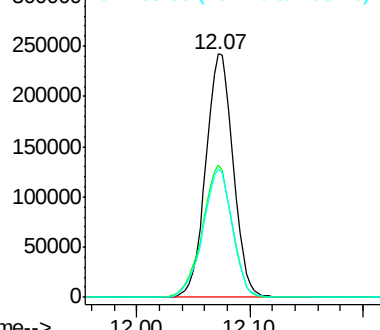
103 56.8 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 18.39 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

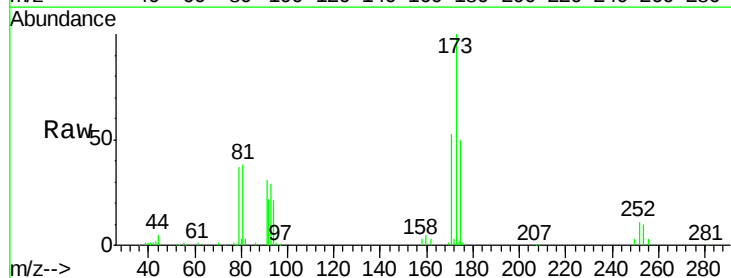
Tgt Ion:173 Resp: 86567

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

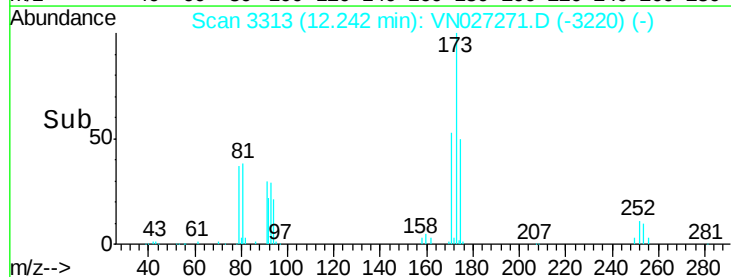
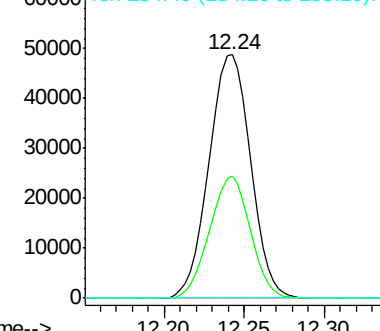
254 0.0 0.1 0.1#

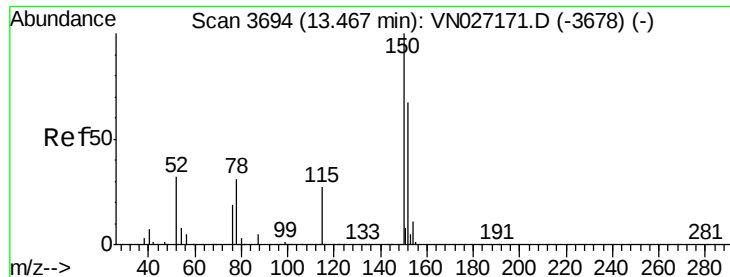


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

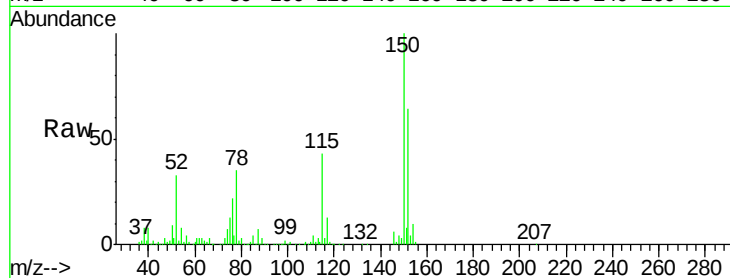
Tgt Ion:152 Resp: 315075

Ion Ratio Lower Upper

152 100

115 68.0 30.8 92.3

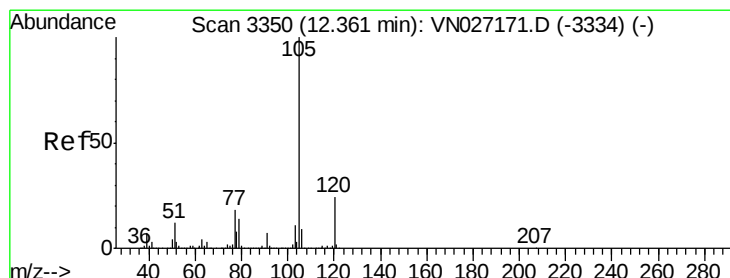
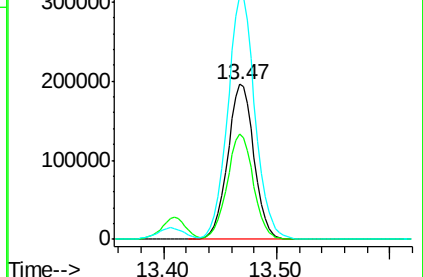
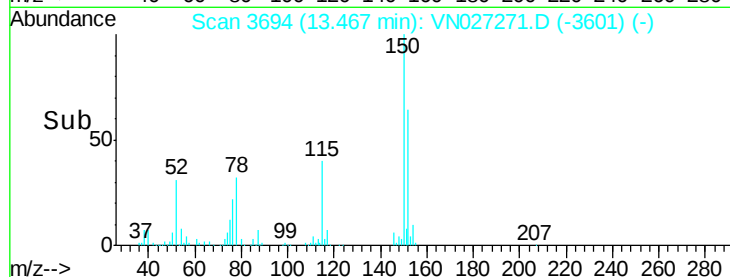
150 164.1 0.0 345.0



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: 19.91 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027271.D

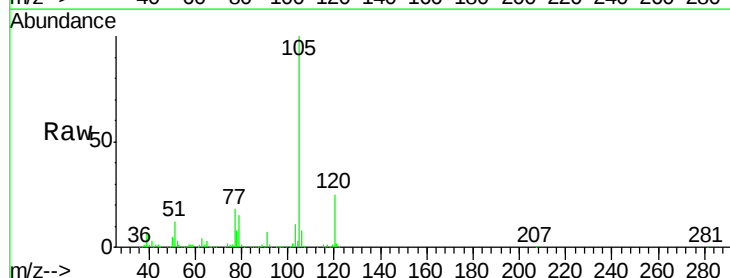
Acq: 17 Sep 2015 23:29

Tgt Ion:105 Resp: 691119

Ion Ratio Lower Upper

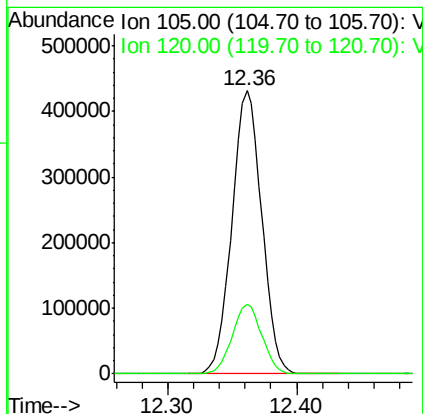
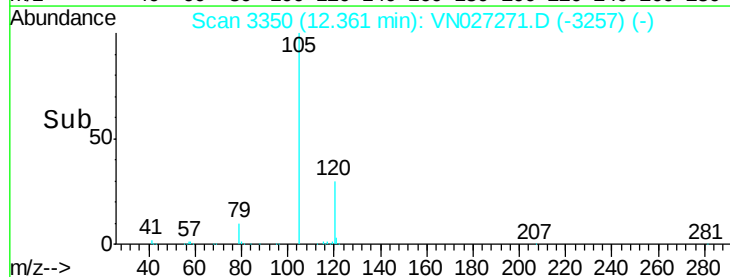
105 100

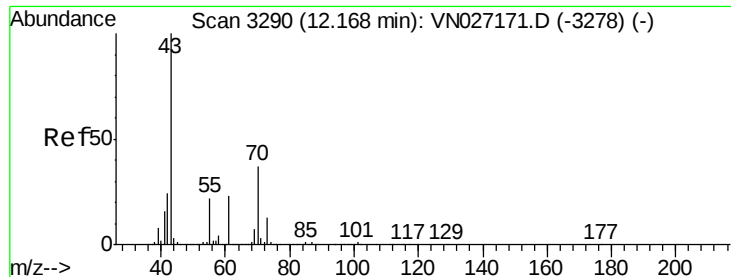
120 24.3 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

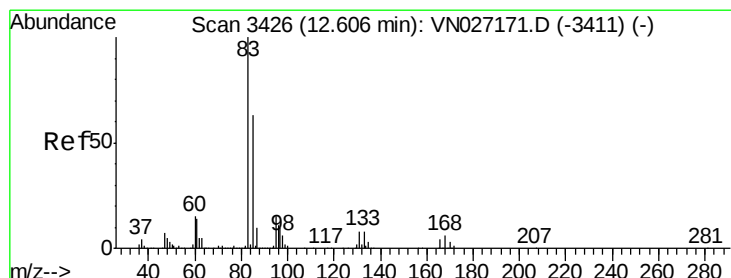
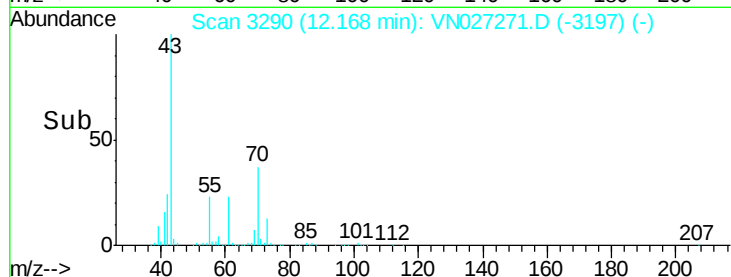
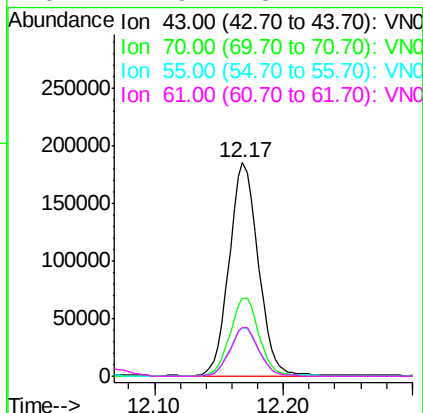
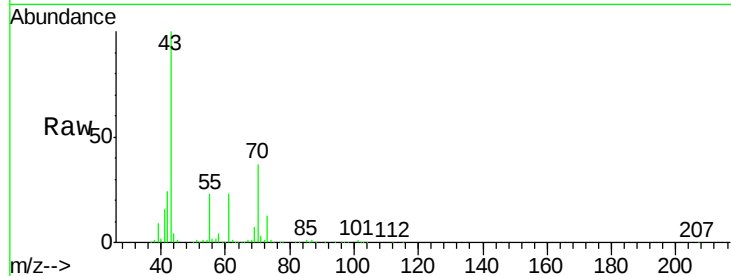




#75
N-ethyl acetate
Concen: 18.66 ug/l
RT: 12.17 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

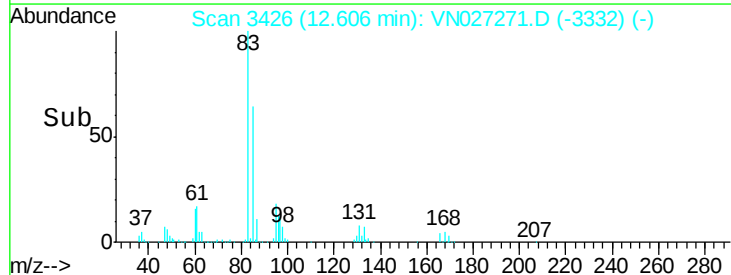
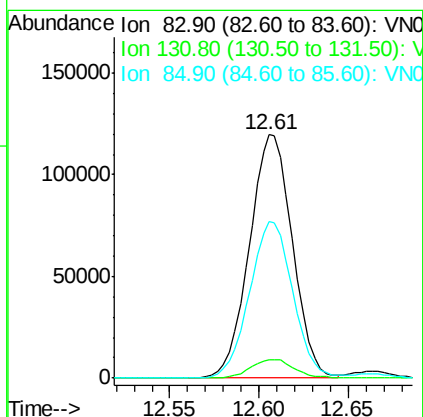
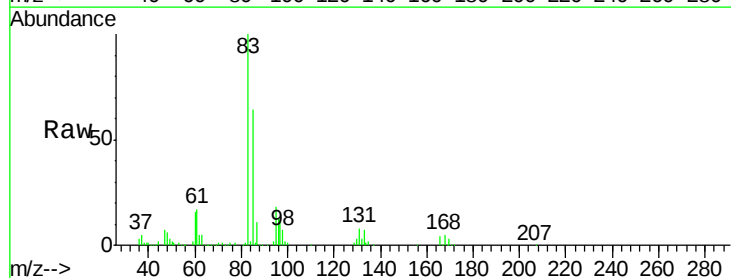
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

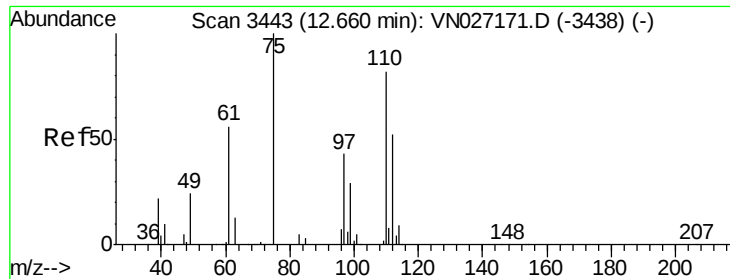
Tgt Ion:	43	Resp:	289170
Ion	Ratio	Lower	Upper
43	100		
70	36.9	29.8	44.8
55	22.8	19.4	29.0
61	22.9	18.2	27.2



#76
1,1,2,2-Tetrachloroethane
Concen: 20.51 ug/l
RT: 12.61 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion:	83	Resp:	202069
Ion	Ratio	Lower	Upper
83	100		
131	7.9	4.1	12.3
85	64.7	31.9	95.7

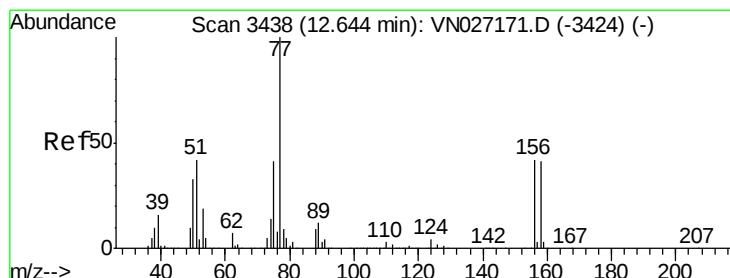
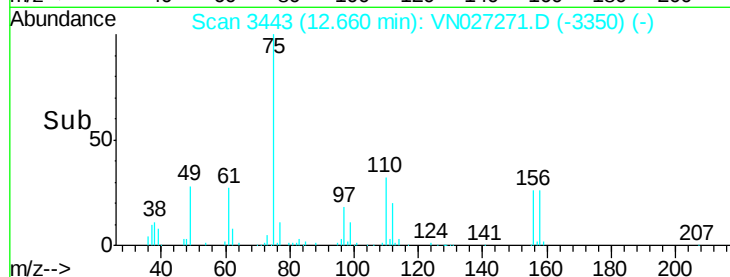
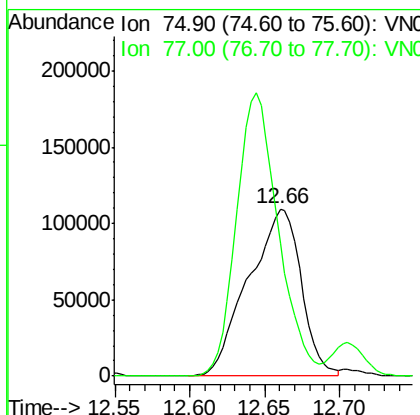
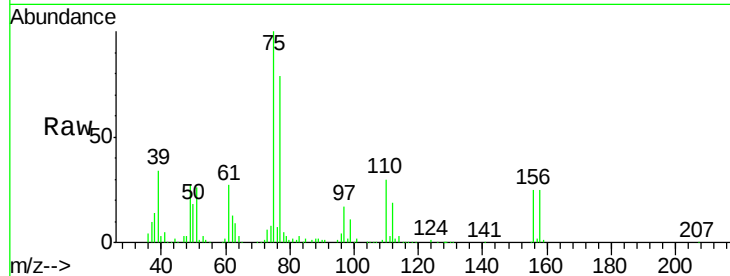




#77
 1,2,3-Trichloropropane
 Concen: 28.05 ug/l
 RT: 12.66 min Scan# 3443
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

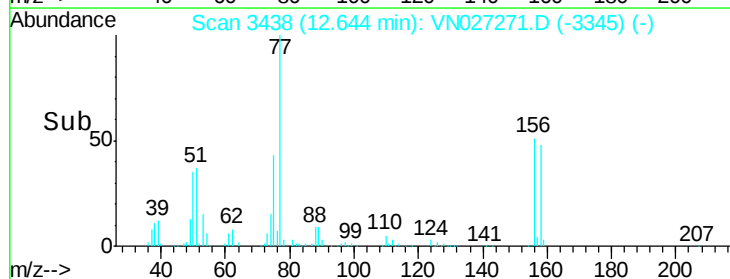
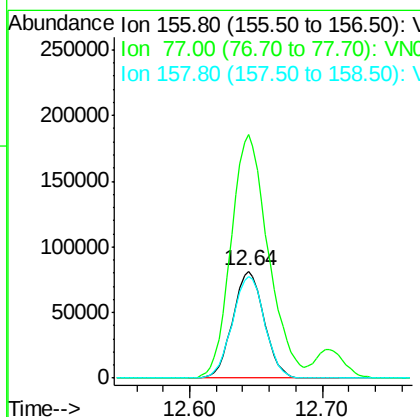
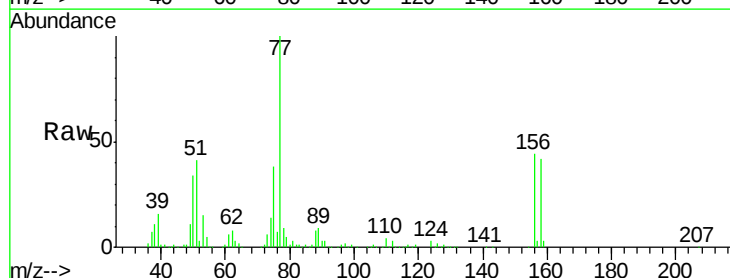
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

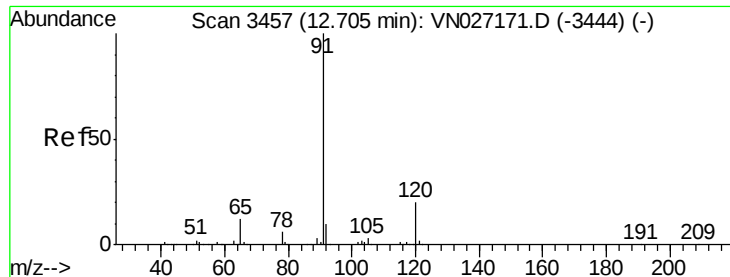
Tgt Ion: 75 Resp: 267097
 Ion Ratio Lower Upper
 75 100
 77 135.1 103.1 309.3



#78
 Bromobenzene
 Concen: 19.65 ug/l
 RT: 12.64 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 156 Resp: 133791
 Ion Ratio Lower Upper
 156 100
 77 269.6 127.3 381.9
 158 97.9 48.0 144.2





#79

n-propylbenzene

Concen: 19.68 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

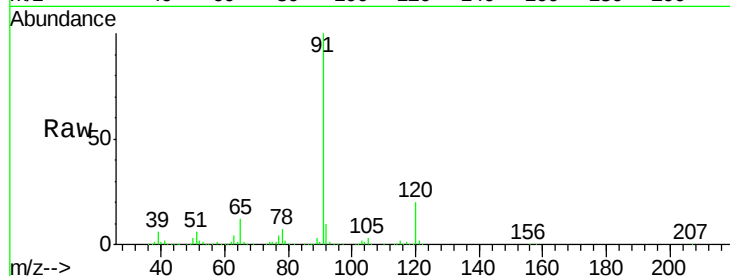
VN0917WBSD02

Tgt Ion: 91 Resp: 803710

Ion Ratio Lower Upper

91 100

120 19.7 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

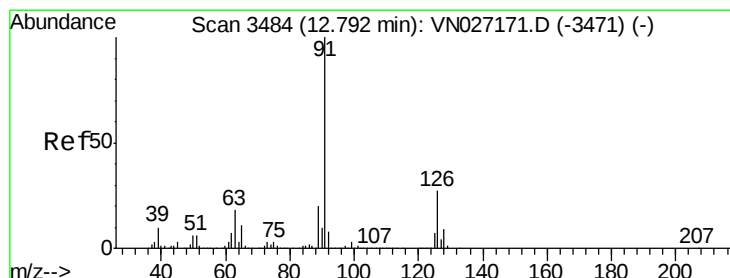
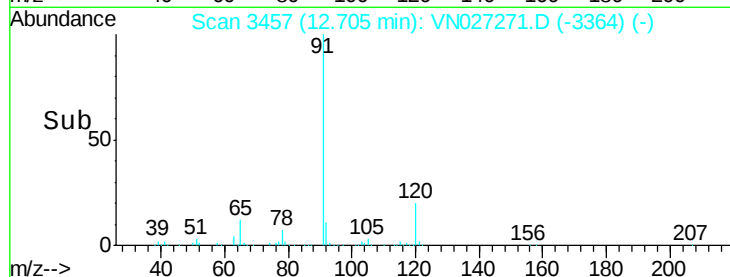
200000

100000

0

12.65 12.70 12.75

Time-->



#80

2-Chlorotoluene

Concen: 19.85 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027271.D

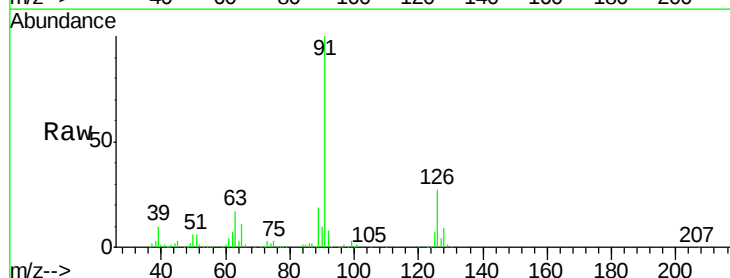
Acq: 17 Sep 2015 23:29

Tgt Ion: 91 Resp: 486948

Ion Ratio Lower Upper

91 100

126 27.8 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

400000

300000

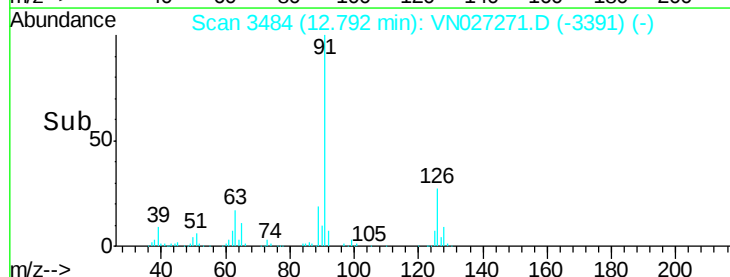
200000

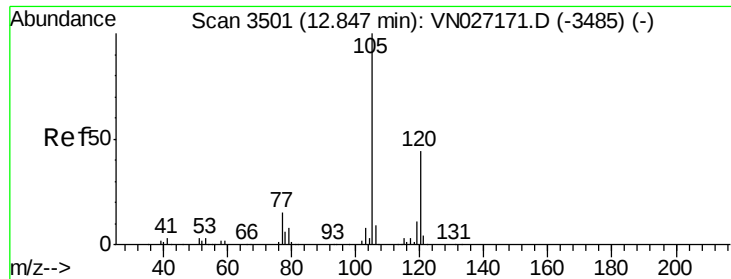
100000

0

12.75 12.80

Time-->

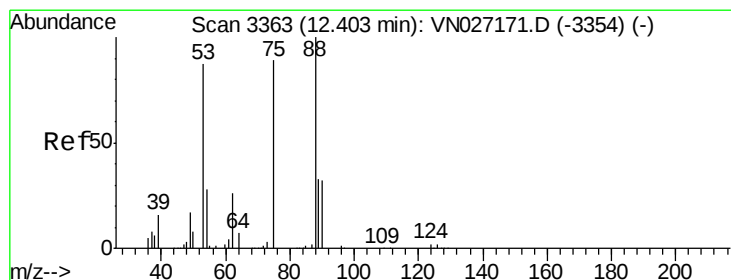
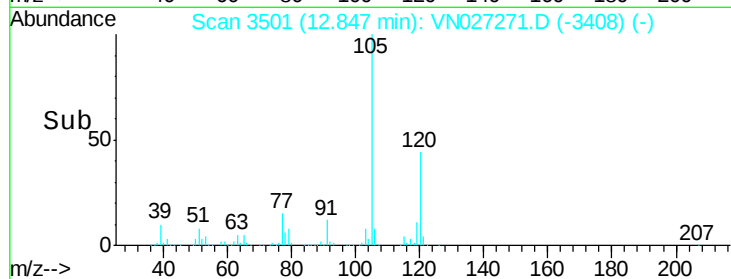
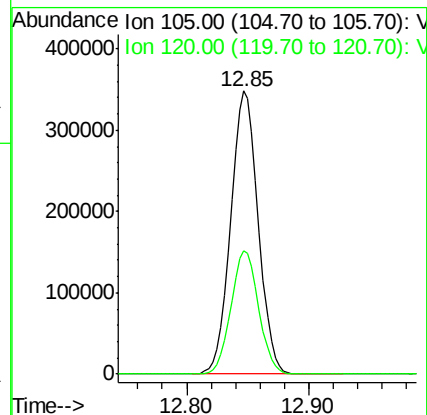
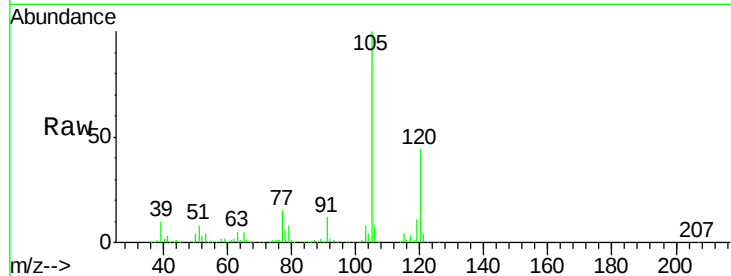




#81
 1,3,5-Trimethylbenzene
 Concen: 19.64 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

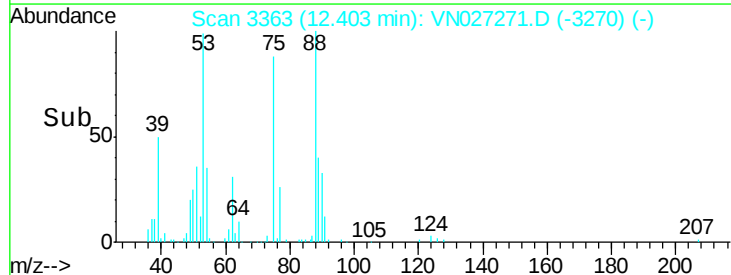
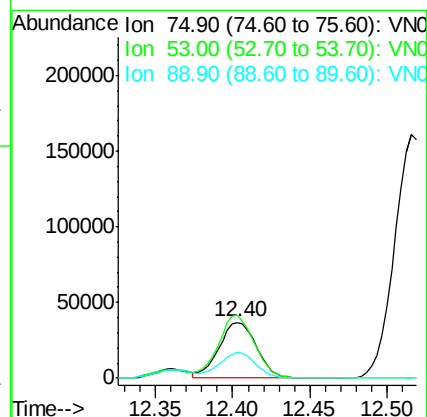
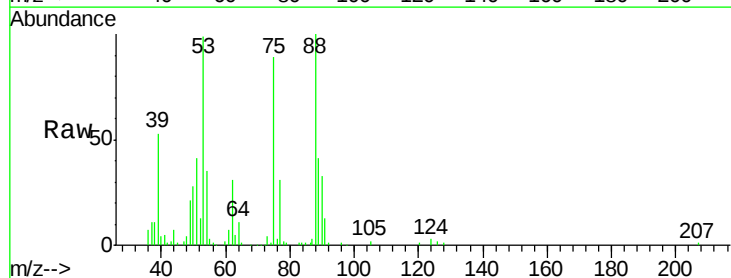
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

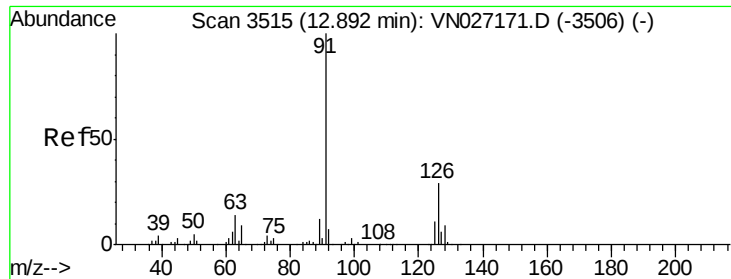
Tgt Ion:105 Resp: 547927
 Ion Ratio Lower Upper
 105 100
 120 43.8 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 16.13 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion: 75 Resp: 62516
 Ion Ratio Lower Upper
 75 100
 53 105.7 92.9 139.3
 89 44.0 34.2 51.4

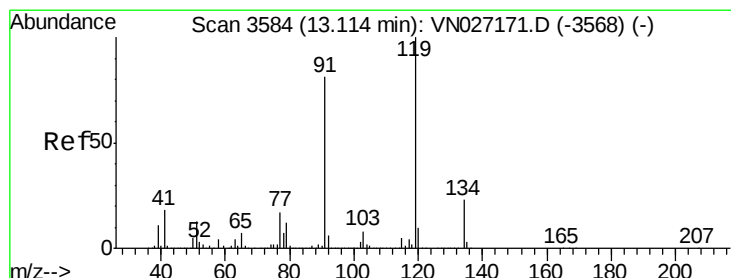
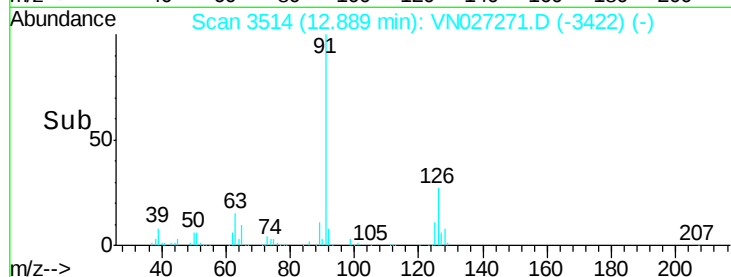
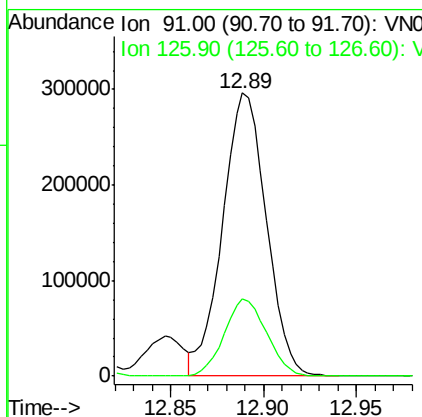
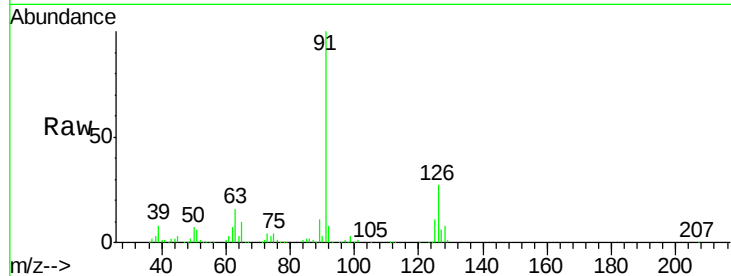




#83
4-Chlorotoluene
Concen: 20.00 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

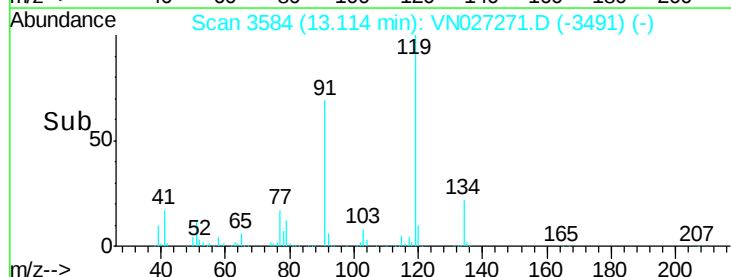
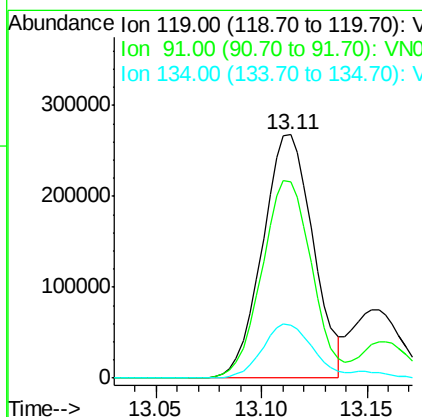
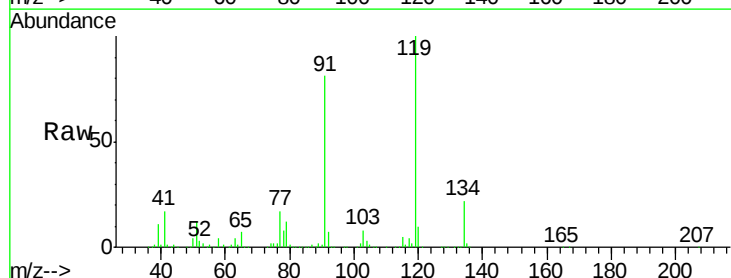
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBSD02

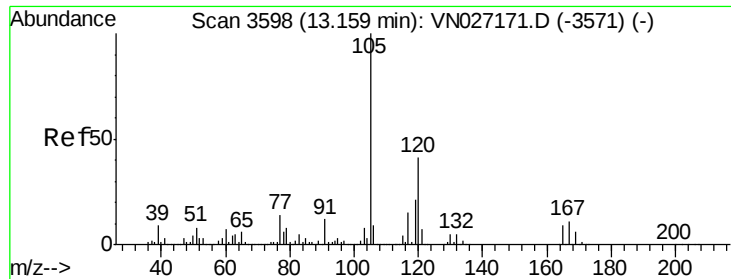
Tgt Ion: 91 Resp: 482005
Ion Ratio Lower Upper
91 100
126 26.5 14.9 44.5



#84
tert-Butylbenzene
Concen: 19.44 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027271.D
Acq: 17 Sep 2015 23:29

Tgt Ion: 119 Resp: 447380
Ion Ratio Lower Upper
119 100
91 79.9 34.6 103.8
134 22.4 11.4 34.2

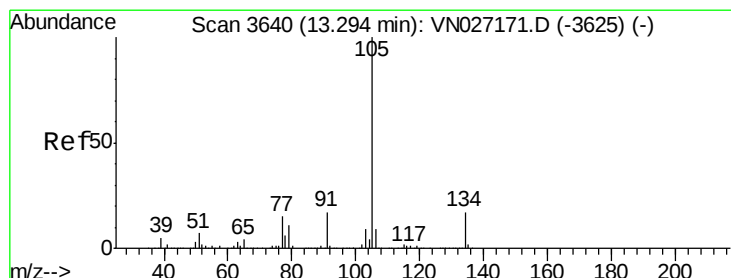
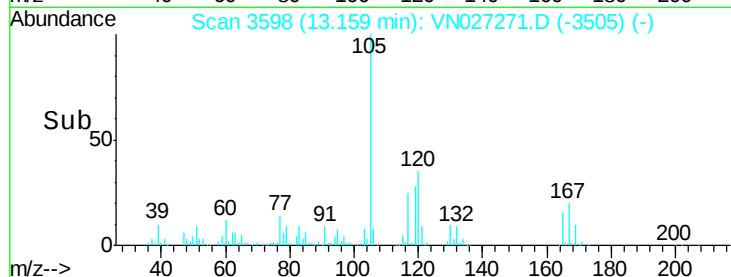
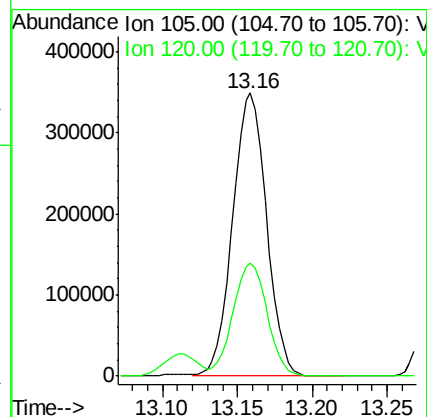
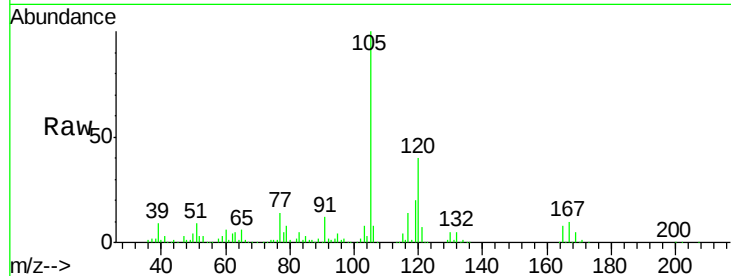




#85
 1,2,4-Trimethylbenzene
 Concen: 19.60 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

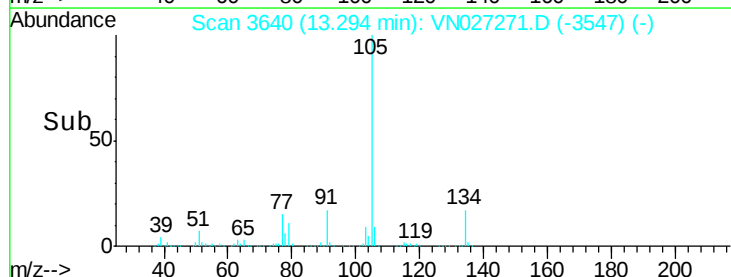
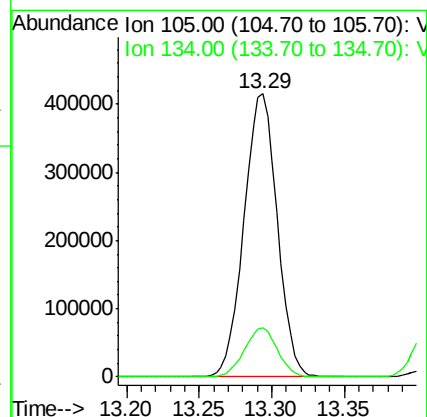
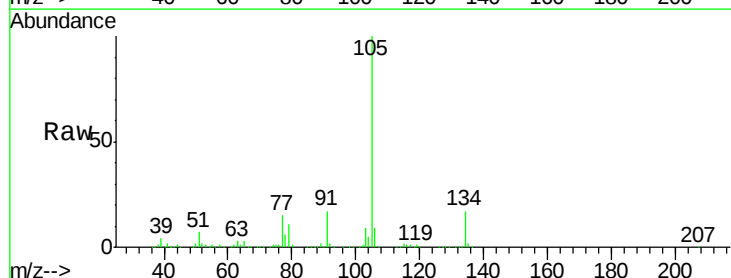
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

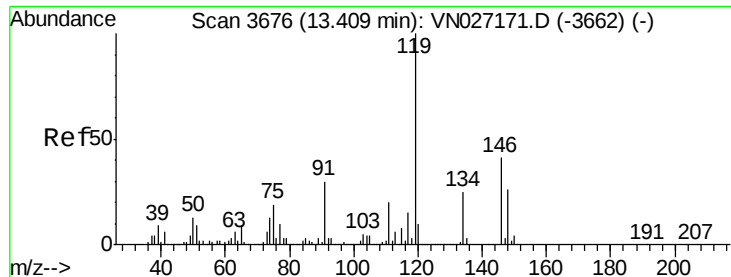
Tgt Ion:105 Resp: 549168
 Ion Ratio Lower Upper
 105 100
 120 40.4 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 19.60 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion:105 Resp: 660781
 Ion Ratio Lower Upper
 105 100
 134 17.2 8.8 26.4

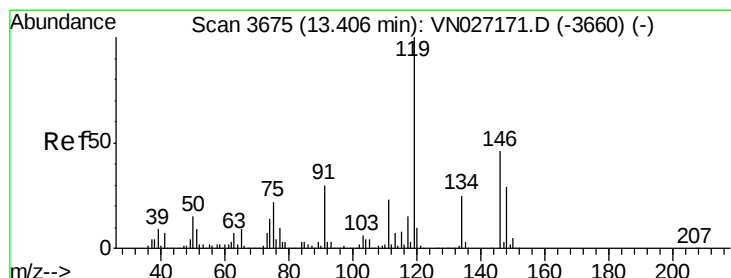
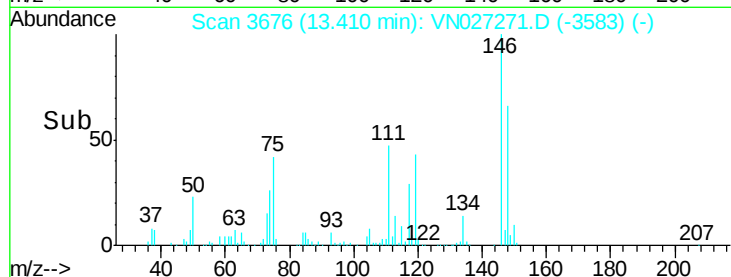
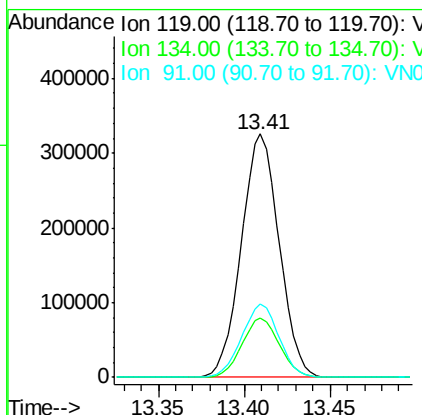
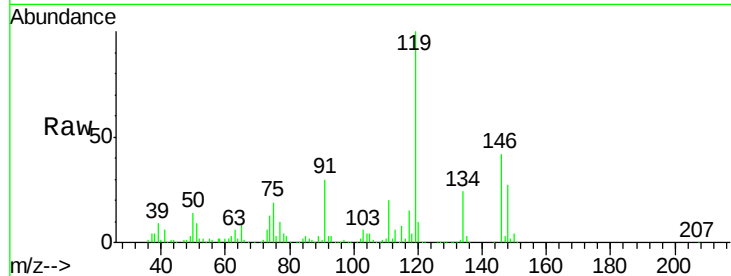




#87
 p-Isopropyltoluene
 Concen: 19.18 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

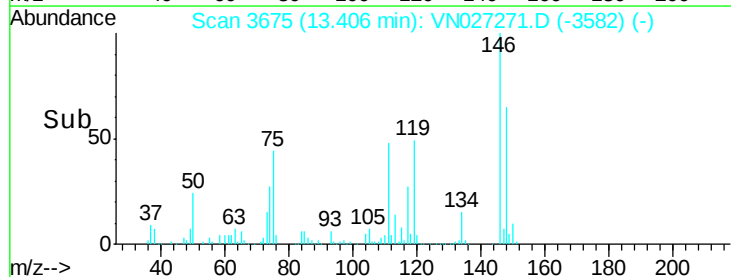
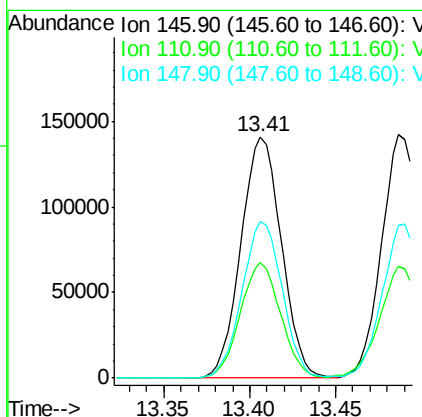
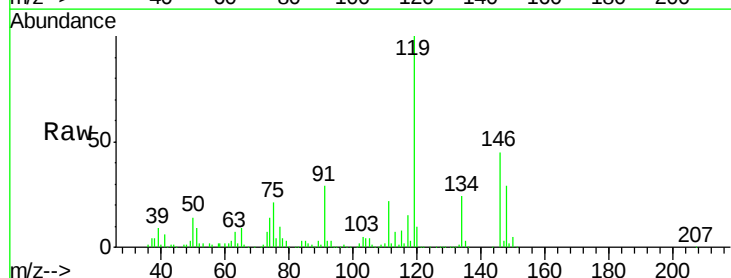
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917WBSD02

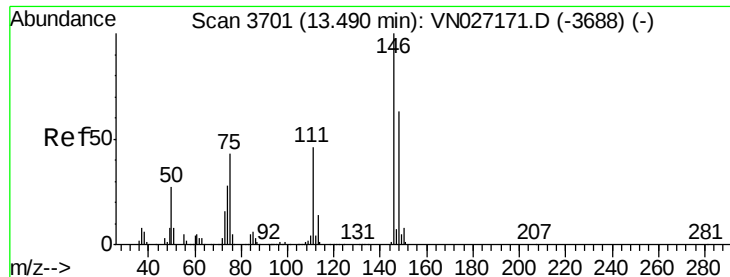
Tgt Ion:119 Resp: 498071
 Ion Ratio Lower Upper
 119 100
 134 24.2 12.4 37.0
 91 29.6 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion:146 Resp: 231000
 Ion Ratio Lower Upper
 146 100
 111 47.6 21.0 63.0
 148 64.3 31.9 95.9

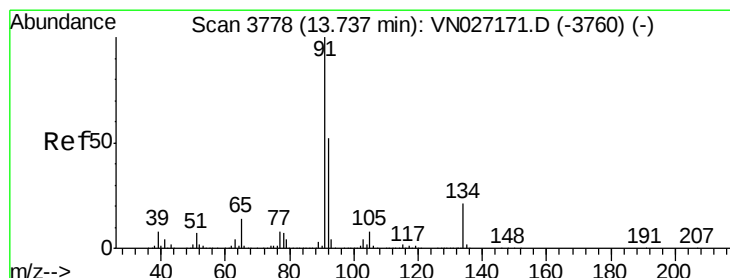
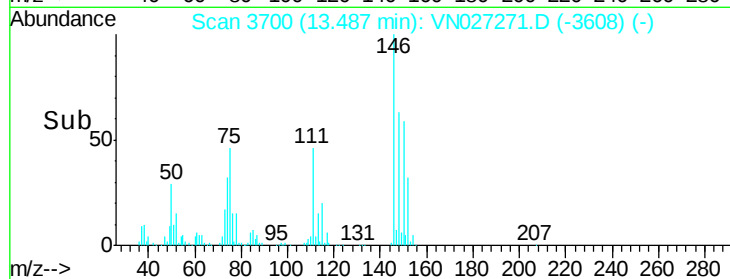
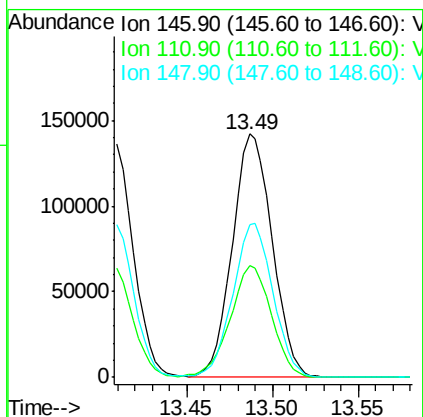
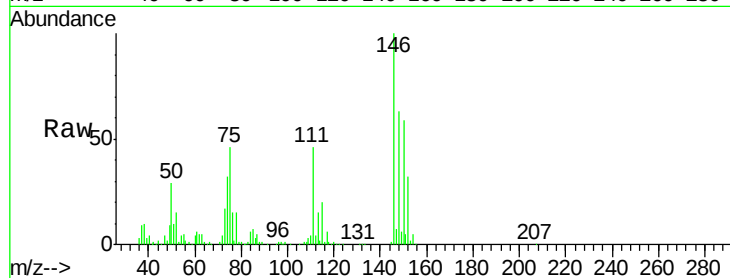




#89
 1,4-Dichlorobenzene
 Concen: 19.34 ug/l
 RT: 13.49 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

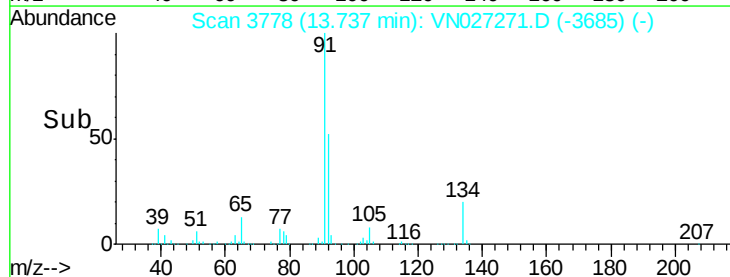
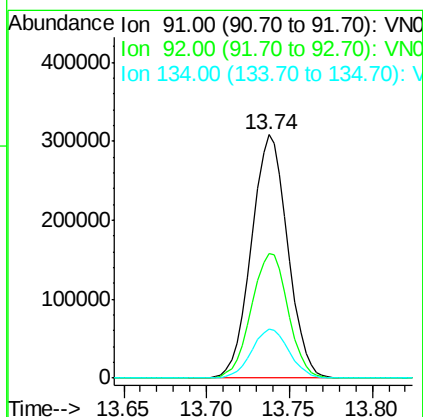
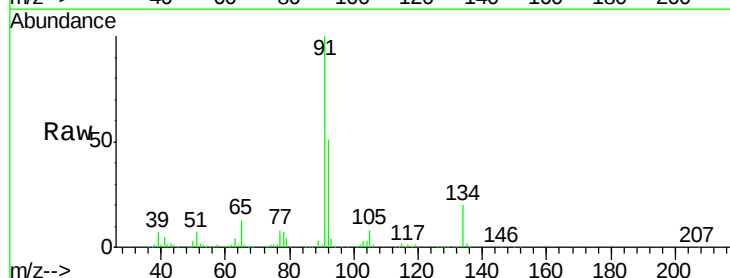
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

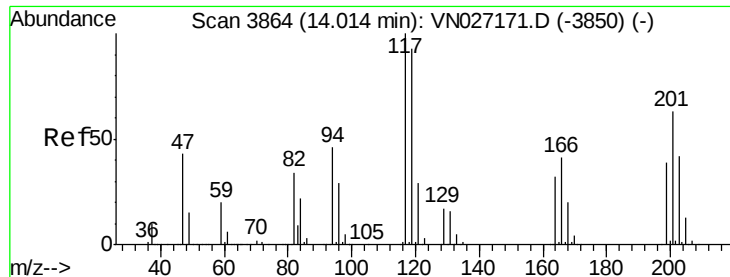
Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.2	19.9	59.6
148	63.9	31.7	95.1



#90
 n-Butylbenzene
 Concen: 18.63 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.2
134	20.8	11.1	33.1





#91

Hexachloroethane

Concen: 17.92 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

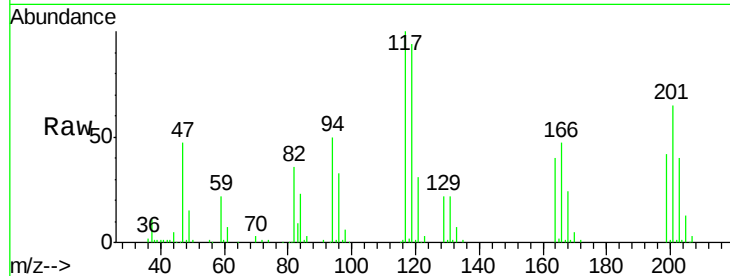
VN0917WBSD02

Tgt Ion:117 Resp: 101813

Ion Ratio Lower Upper

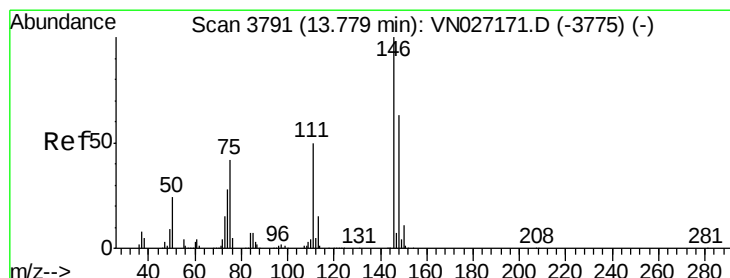
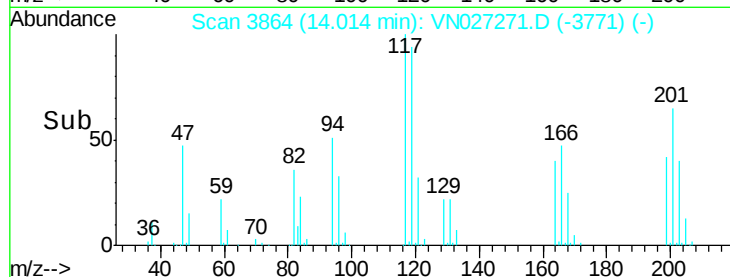
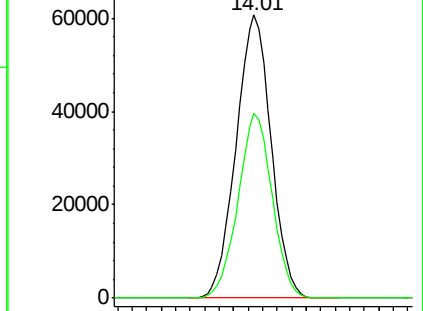
117 100

201 63.4 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: 20.39 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

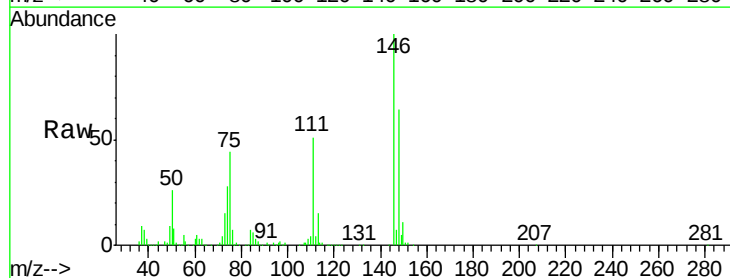
Tgt Ion:146 Resp: 234788

Ion Ratio Lower Upper

146 100

111 50.2 22.1 66.3

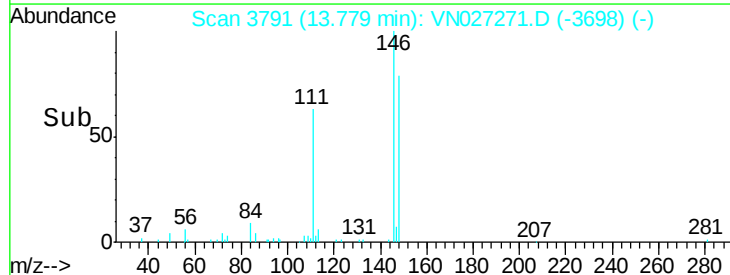
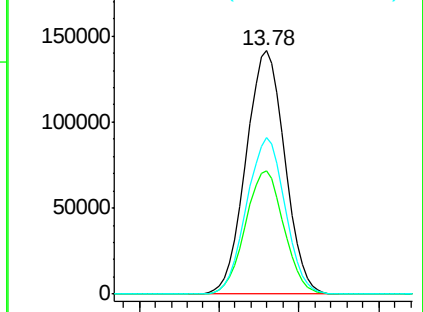
148 63.8 32.0 96.0

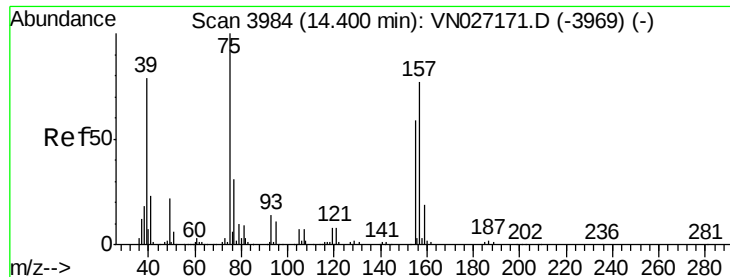


Abundance Ion 145.90 (145.60 to 146.60): V

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: 18.16 ug/l

RT: 14.40 min Scan# 3983

Delta R.T. -0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

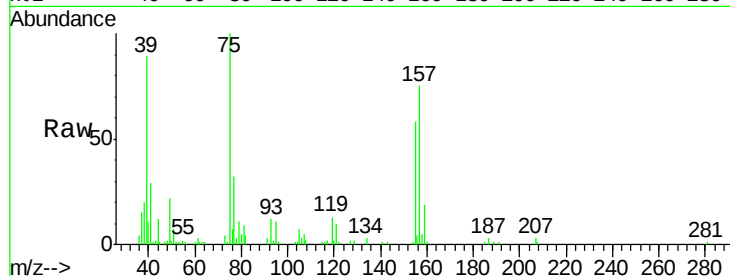
Tgt Ion: 75 Resp: 37751

Ion Ratio Lower Upper

75 100

155 59.9 35.6 106.9

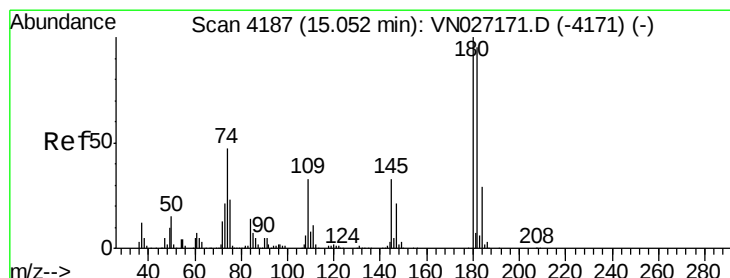
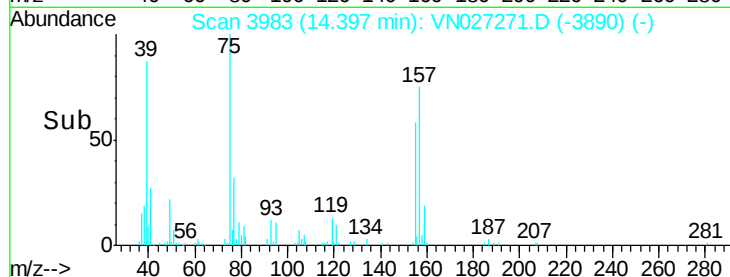
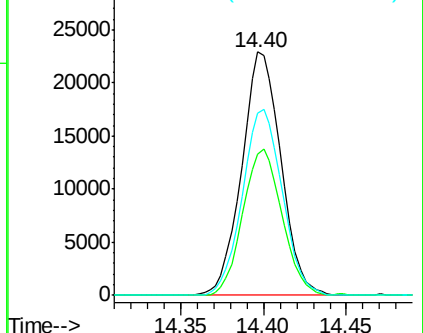
157 77.7 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#94

1,2,4-Trichlorobenzene

Concen: 18.95 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

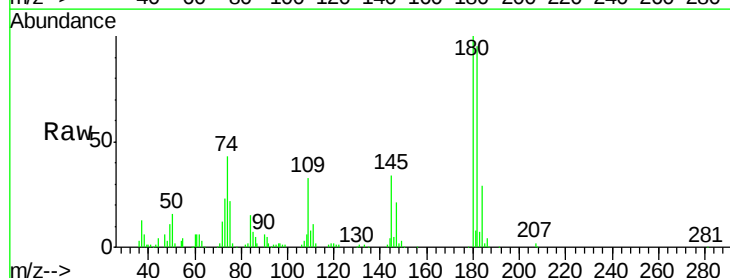
Tgt Ion: 180 Resp: 117871

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

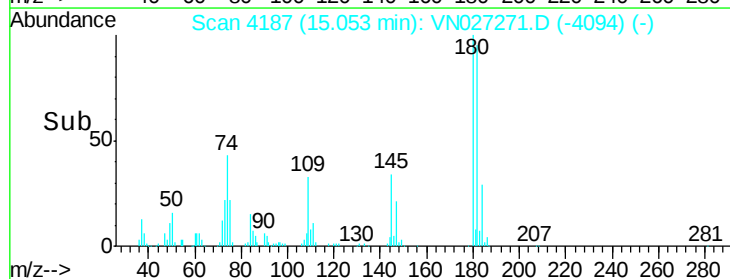
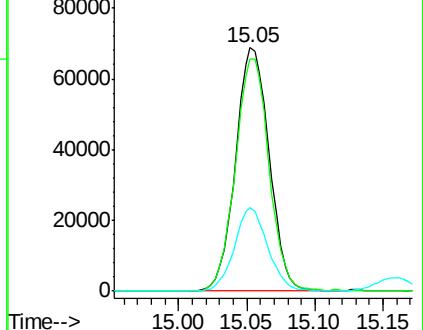
145 33.9 15.1 45.3

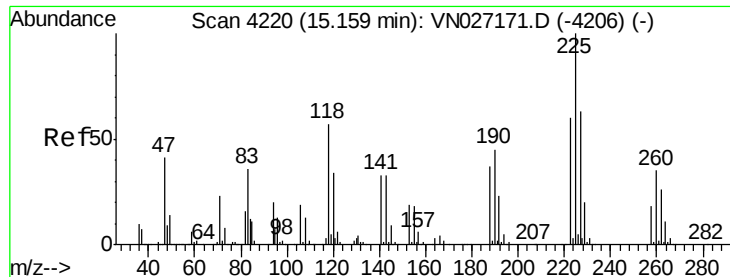


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Hexachlorobutadiene

Concen: 19.14 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBSD02

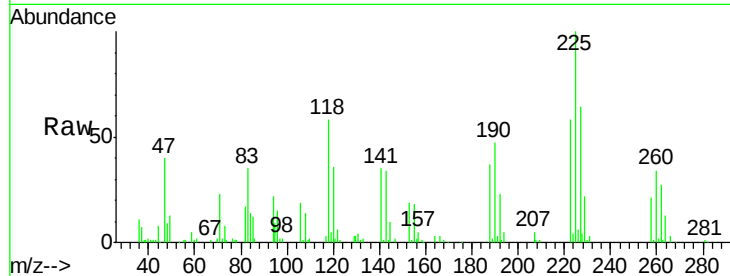
Tgt Ion:225 Resp: 62710

Ion Ratio Lower Upper

225 100

223 59.2 30.8 92.3

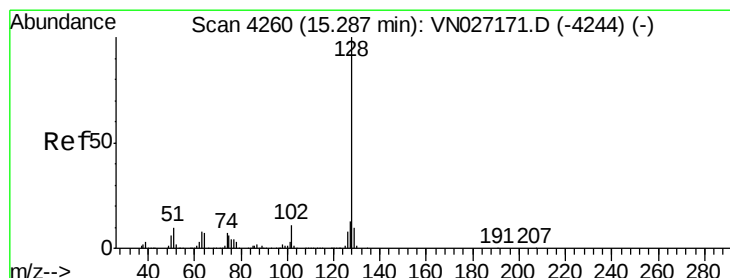
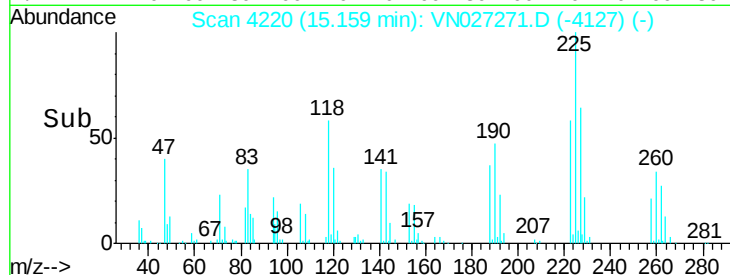
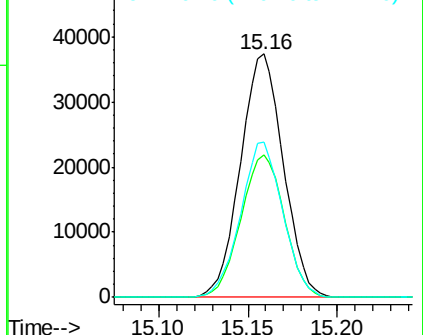
227 62.8 31.7 95.1



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: 18.50 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027271.D

Acq: 17 Sep 2015 23:29

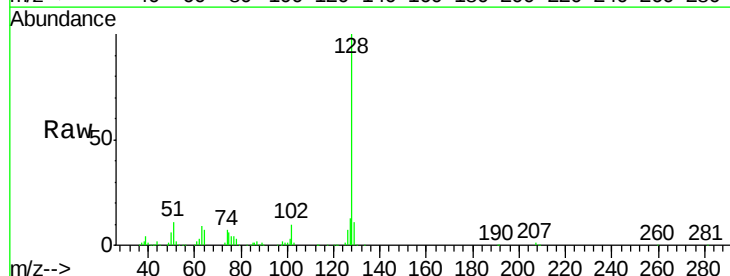
Tgt Ion:128 Resp: 337265

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

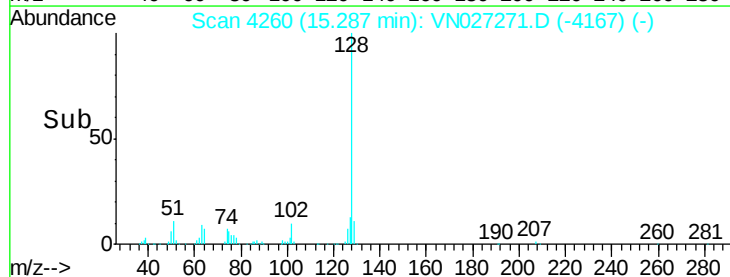
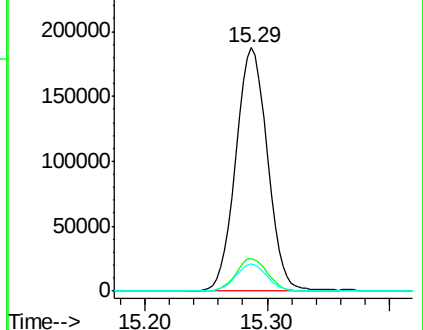
129 11.1 8.6 12.8

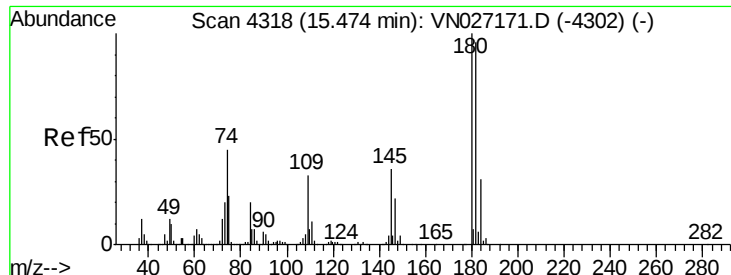


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 19.32 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027271.D
 Acq: 17 Sep 2015 23:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.8	146.4
145	34.5	16.6	49.8

