

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027347.D
 Acq On : 21 Sep 2015 23:44
 Operator : MD\FY
 Sample : VN0921WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

Quant Time: Sep 22 03:41:55 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	534193	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1025084	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	872515	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	328569	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	510873	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
36) Dibromofluoromethane	7.68	113	316730	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
51) Toluene-d8	10.19	98	1209374	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
63) 4-Bromofluorobenzene	12.52	95	423042	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	111423	20.10	ug/l	100
3) Chlorodifluoromethane	1.82	51	134119	19.10	ug/l	93
4) Chloromethane	2.01	50	123655	19.47	ug/l	97
5) Vinyl Chloride	2.14	62	144468	20.39	ug/l	98
6) Bromomethane	2.54	94	60861	21.09	ug/l	95
7) Chloroethane	2.69	64	90496	20.09	ug/l	97
8) Trichlorofluoromethane	3.02	101	215735	20.96	ug/l	98
9) Diethyl Ether	3.42	74	98048	21.44	ug/l	83
10) 1,1,2-Trichlorotrifluoroet	3.79	101	129187	19.80	ug/l	96
11) Methyl Iodide	3.99	142	96116	20.46	ug/l #	90
12) Tert butyl alcohol	4.80	59	96025	115.11	ug/l	97
13) 1,1-Dichloroethene	3.77	96	124142	20.35	ug/l	93
14) Acrolein	3.62	56	92027	85.09	ug/l	97
15) Allyl chloride	4.37	41	229098	19.25	ug/l #	78
16) Acrylonitrile	5.03	53	315597	104.19	ug/l	100
17) Acetone	3.83	43	266241	93.58	ug/l	97
18) Carbon Disulfide	4.11	76	357805	19.59	ug/l	99
19) Methyl Acetate	4.36	43	400999	22.72	ug/l	96
20) Methyl tert-butyl Ether	5.12	73	511816	21.02	ug/l	98
21) Methylene Chloride	4.60	84	162733	21.48	ug/l	93
22) trans-1,2-Dichloroethene	5.13	96	135131	20.15	ug/l	95
23) Diisopropyl ether	6.04	45	533835	20.63	ug/l #	87
24) Vinyl Acetate	5.98	43	847997	103.30	ug/l	98
25) 1,1-Dichloroethane	5.93	63	313304	20.78	ug/l	99
26) 2-Butanone	6.92	43	397721	106.75	ug/l	97
27) 2,2-Dichloropropane	6.92	77	233356	17.96	ug/l	96
28) cis-1,2-Dichloroethene	6.92	96	160348	20.24	ug/l	96
29) Bromochloromethane	7.29	49	128075	21.65	ug/l	98
30) Tetrahydrofuran	7.32	42	262256	111.05	ug/l	89
31) Chloroform	7.46	83	294734	20.81	ug/l	98
32) Cyclohexane	7.77	56	287666	20.53	ug/l #	91
33) 1,1,1-Trichloroethane	7.67	97	256937	20.47	ug/l	97
37) 1,1-Dichloropropene	7.89	75	216438	19.59	ug/l	97
38) Ethyl Acetate	7.02	43	182129	21.35	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.89	117	202224	19.45	ug/l	96
40) Methylcyclohexane	9.19	83	250282	19.07	ug/l	95
41) Benzene	8.14	78	644762	20.11	ug/l	99
42) Methacrylonitrile	7.25	41	101405	20.14	ug/l #	89
43) 1,2-Dichloroethane	8.22	62	257736	19.72	ug/l	97
44) Isopropyl Acetate	8.25	43	330454	20.27	ug/l	98
45) Trichloroethene	8.94	130	128695	20.03	ug/l	94
46) 1,2-Dichloropropane	9.22	63	183676	20.47	ug/l	96
47) Dibromomethane	9.31	93	107927	20.04	ug/l	93
48) Bromodichloromethane	9.49	83	226485	19.83	ug/l	99
49) Methyl methacrylate	9.29	41	159143	20.74	ug/l #	84
50) 1,4-Dioxane	9.30	88	40943	442.06	ug/l	93
52) 4-Methyl-2-Pentanone	10.07	43	899462	107.25	ug/l	98
53) Toluene	10.26	92	375941	19.82	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	230739	18.92	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	257016	19.19	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	144622	20.45	ug/l	99
57) Ethyl methacrylate	10.52	69	226617	20.19	ug/l #	88
58) 1,3-Dichloropropane	10.81	76	263920	20.24	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	512080	102.93	ug/l	97
60) 2-Hexanone	10.84	43	601237	105.49	ug/l	99
61) Dibromochloromethane	11.00	129	139198	20.09	ug/l	98
62) 1,2-Dibromoethane	11.11	107	137918	20.50	ug/l	98
65) Tetrachloroethene	10.74	164	103885	20.00	ug/l	96
66) Chlorobenzene	11.54	112	372184	19.90	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	125430	19.98	ug/l	98
68) Ethyl Benzene	11.62	91	705525	19.99	ug/l	100
69) m/p-Xylenes	11.73	106	485043	39.65	ug/l	90
70) o-Xylene	12.06	106	245396	19.85	ug/l	91
71) Styrene	12.08	104	389444	19.79	ug/l	94
72) Bromoform	12.24	173	80144	19.03	ug/l #	99
74) Isopropylbenzene	12.36	105	654641	19.89	ug/l	100
75) N-amyl acetate	12.17	43	271530	20.79	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	191206	20.64	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	256228	31.06	ug/l	54
78) Bromobenzene	12.64	156	128394	19.93	ug/l	93
79) n-propylbenzene	12.71	91	764180	19.47	ug/l	98
80) 2-Chlorotoluene	12.79	91	474417	19.77	ug/l	94
81) 1,3,5-Trimethylbenzene	12.85	105	522466	19.64	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	58554	18.20	ug/l	93
83) 4-Chlorotoluene	12.89	91	459346	19.61	ug/l	95
84) tert-Butylbenzene	13.11	119	431790	20.13	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	524031	19.80	ug/l	95
86) sec-Butylbenzene	13.29	105	636952	19.93	ug/l	99
87) p-Isopropyltoluene	13.41	119	468406	19.55	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	223476	20.11	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	219367	19.50	ug/l	94
90) n-Butylbenzene	13.74	91	453885	18.97	ug/l	98
91) Hexachloroethane	14.01	117	92758	18.11	ug/l	94
92) 1,2-Dichlorobenzene	13.78	146	226550	20.40	ug/l	97

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

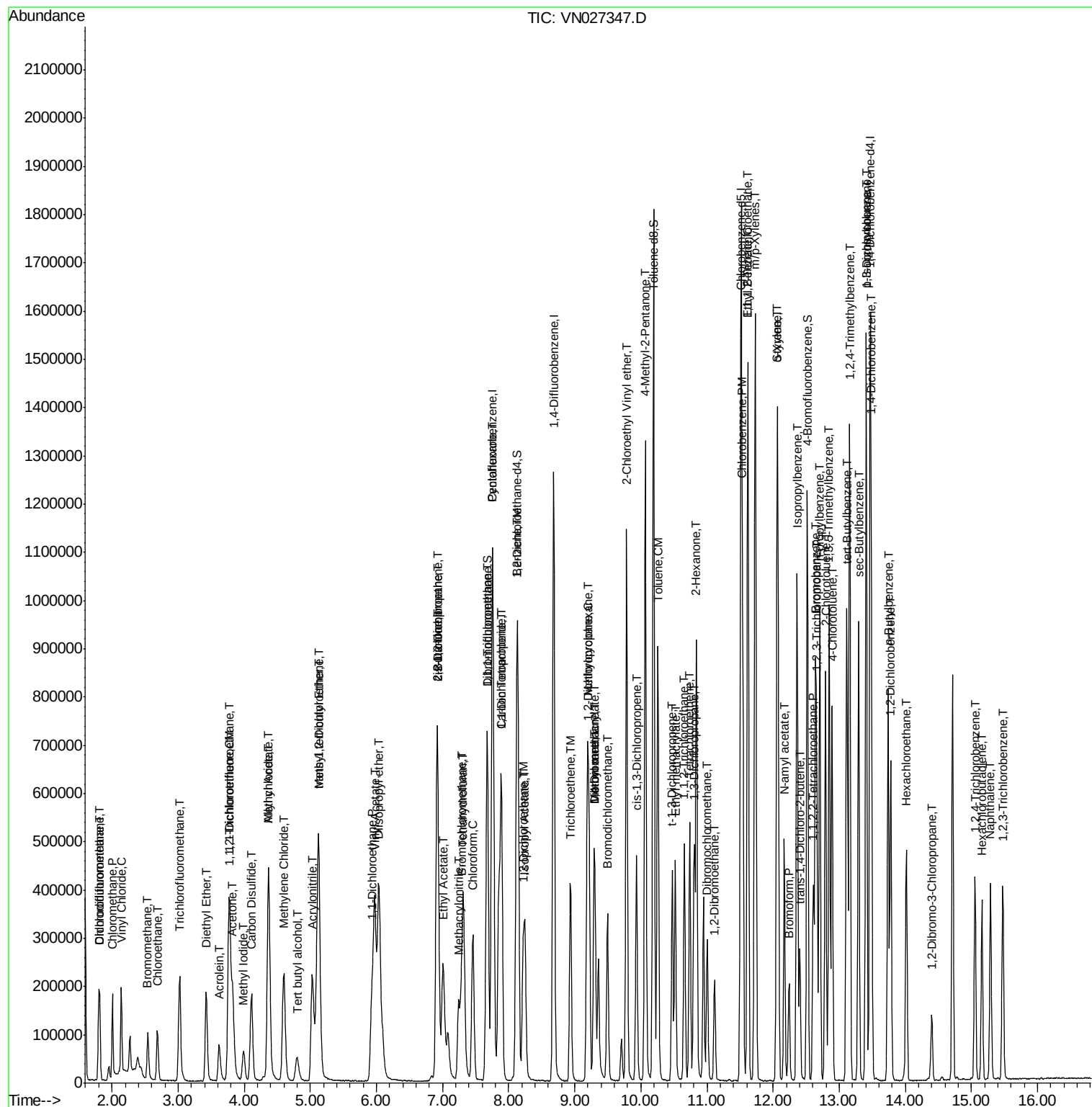
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	36254	19.97	ug/l	83
94) 1,2,4-Trichlorobenzene	15.05	180	113823	19.84	ug/l	98
95) Hexachlorobutadiene	15.16	225	59579	18.95	ug/l	99
96) Naphthalene	15.29	128	320379	20.65	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	114233	19.98	ug/l	98

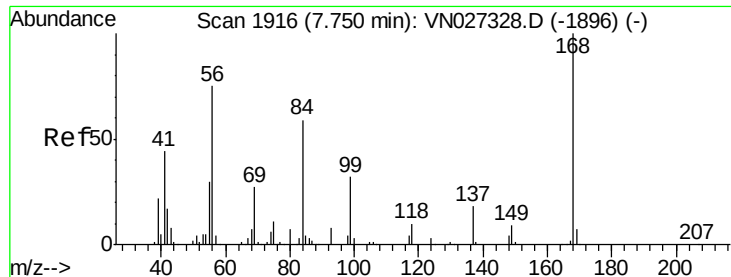
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

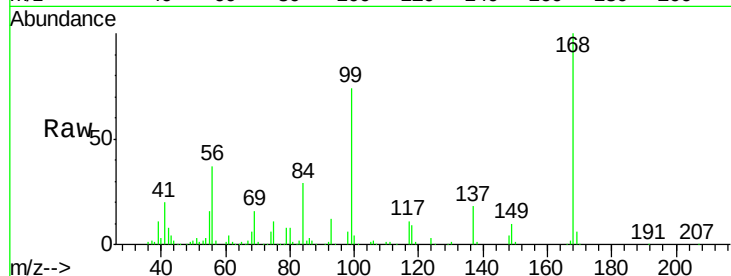
VN0921WBSD02

Tgt Ion:168 Resp: 534193

Ion Ratio Lower Upper

168 100

99 73.9 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

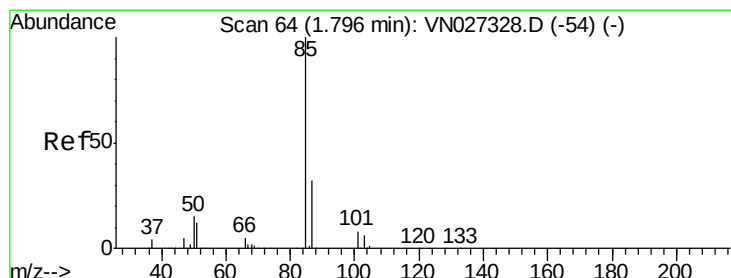
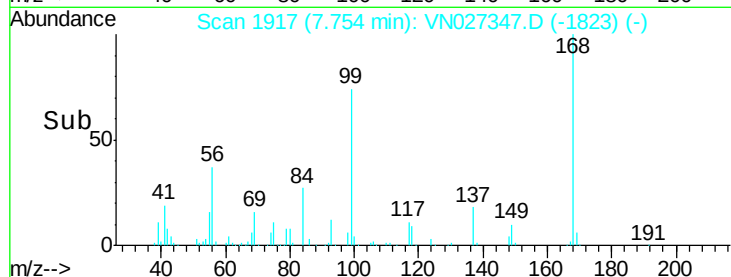
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.10 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027347.D

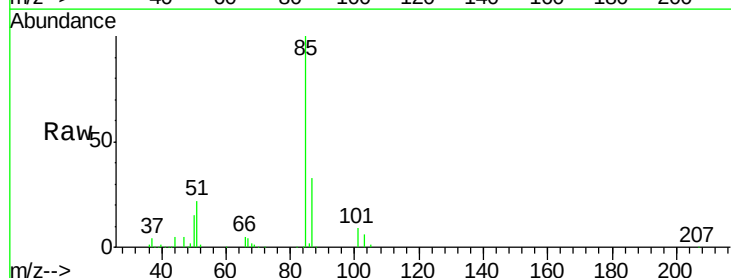
Acq: 21 Sep 2015 23:44

Tgt Ion: 85 Resp: 111423

Ion Ratio Lower Upper

85 100

87 32.6 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

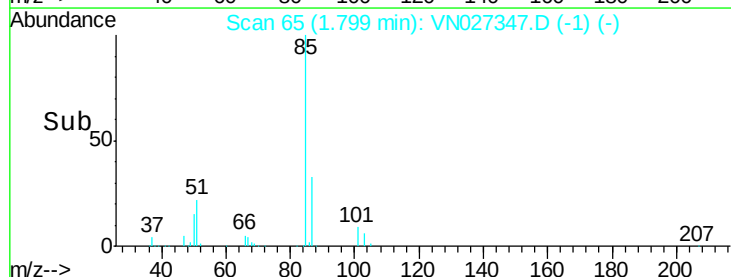
40000

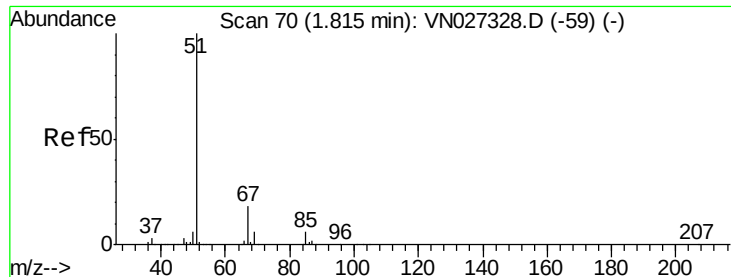
20000

0

1.75 1.80 1.85

Time-->





#3

Chlorodifluoromethane

Concen: 19.10 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

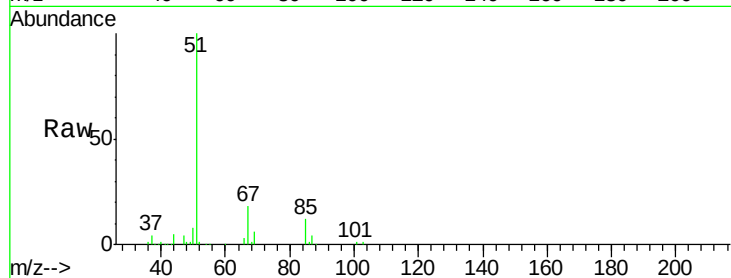
VN0921WBSD02

Tgt Ion: 51 Resp: 134119

Ion Ratio Lower Upper

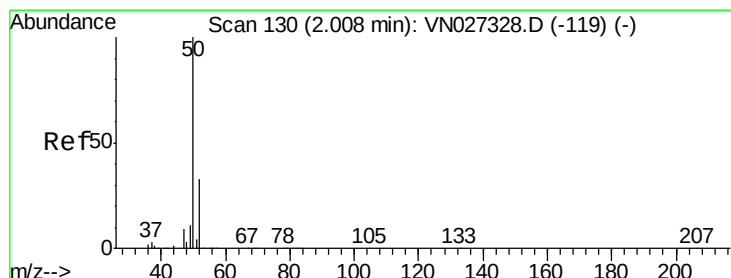
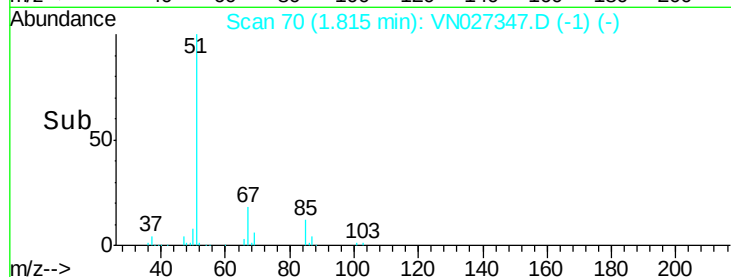
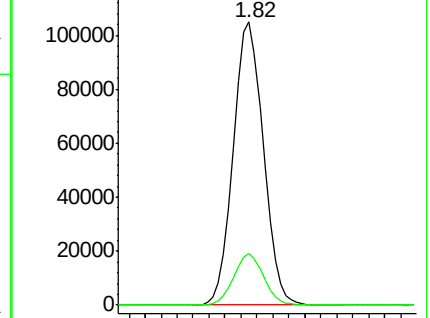
51 100

67 18.0 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 19.47 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027347.D

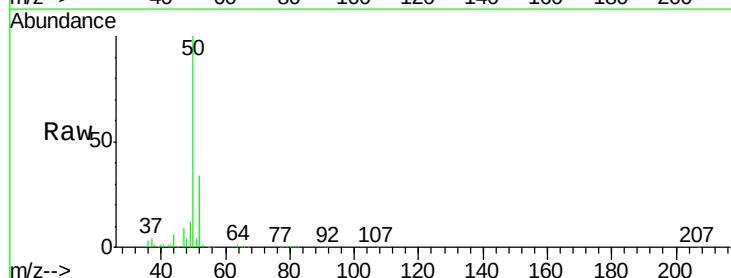
Acq: 21 Sep 2015 23:44

Tgt Ion: 50 Resp: 123655

Ion Ratio Lower Upper

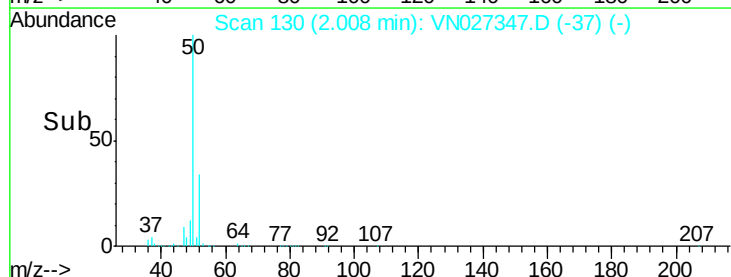
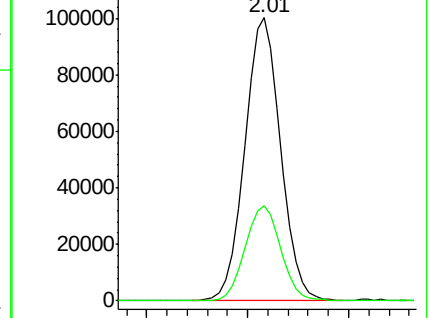
50 100

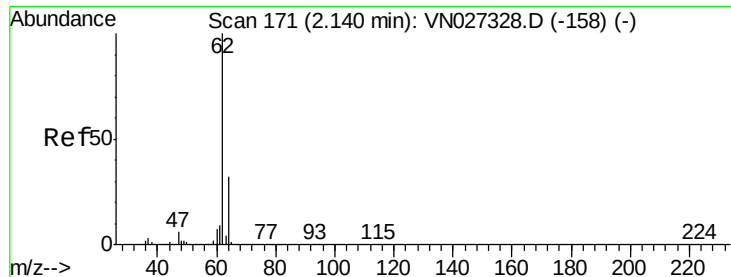
52 33.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 20.39 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

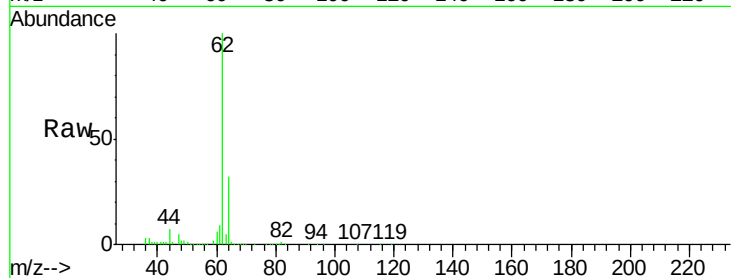
VN0921WBSD02

Tgt Ion: 62 Resp: 144468

Ion Ratio Lower Upper

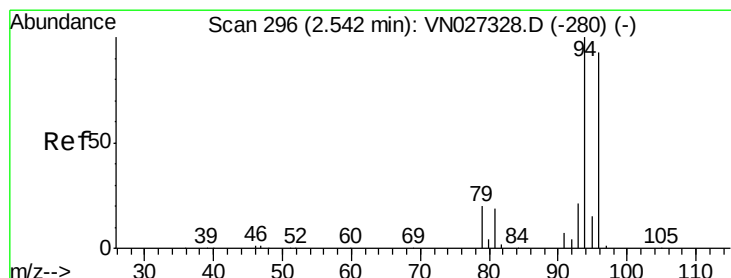
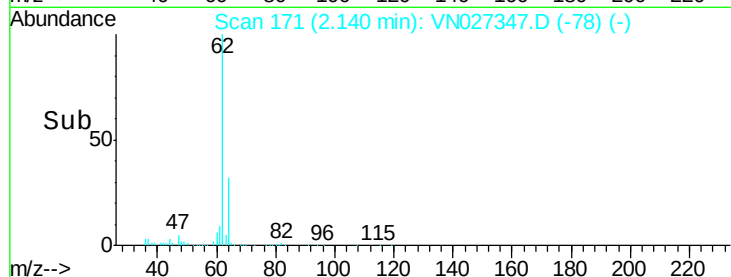
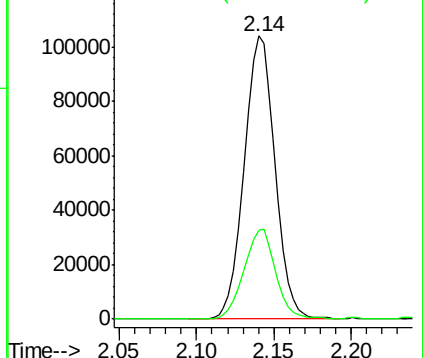
62 100

64 31.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#6

Bromomethane

Concen: 21.09 ug/l

RT: 2.54 min Scan# 296

Delta R.T. 0.00 min

Lab File: VN027347.D

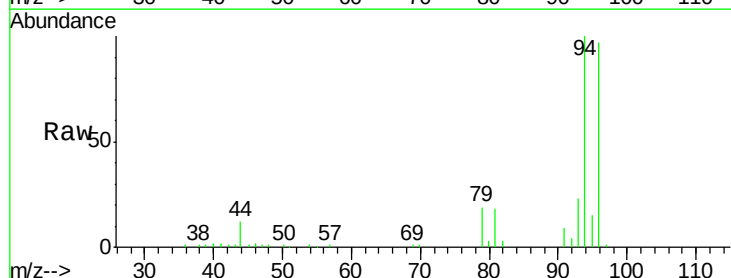
Acq: 21 Sep 2015 23:44

Tgt Ion: 94 Resp: 60861

Ion Ratio Lower Upper

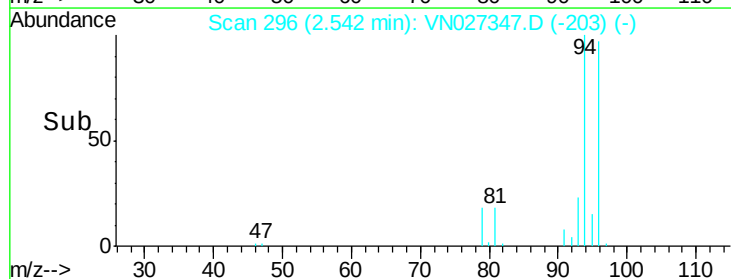
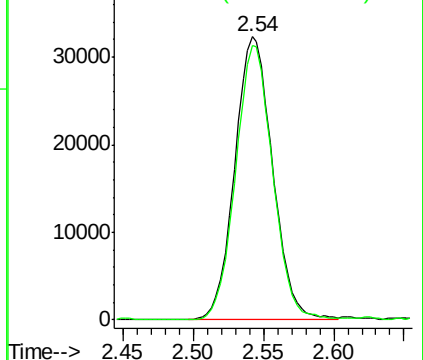
94 100

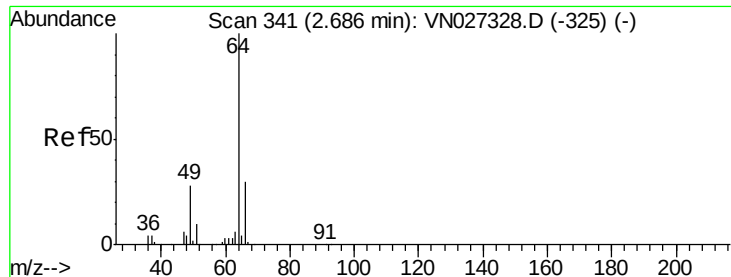
96 96.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#7

Chloroethane

Concen: 20.09 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampled :

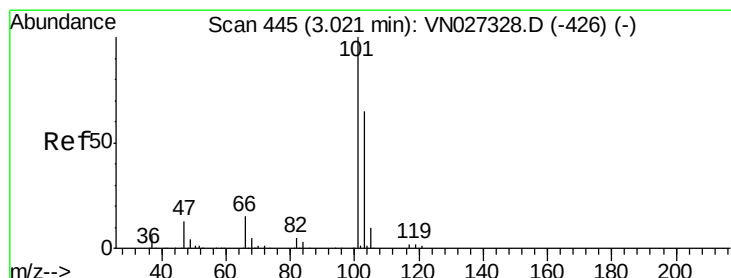
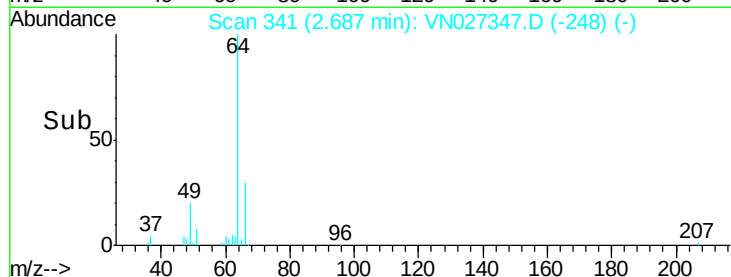
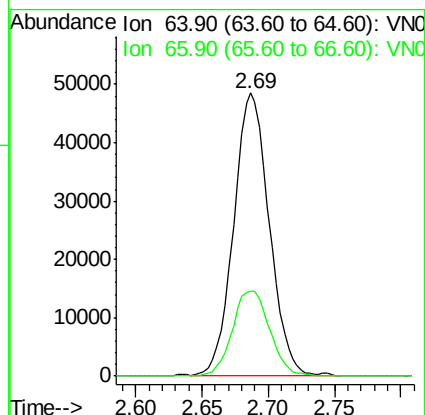
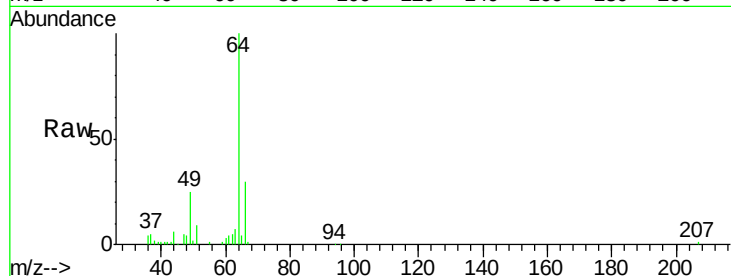
VN0921WBSD02

Tgt Ion: 64 Resp: 90496

Ion Ratio Lower Upper

64 100

66 30.2 25.5 38.3



#8

Trichlorofluoromethane

Concen: 20.96 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027347.D

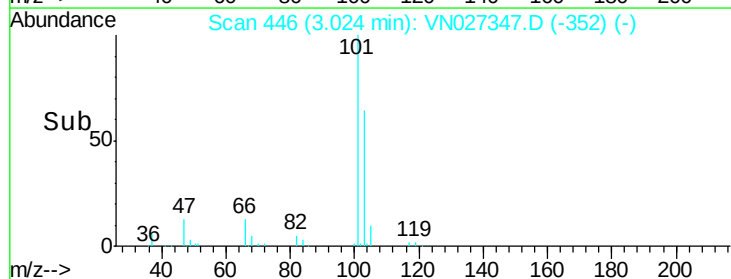
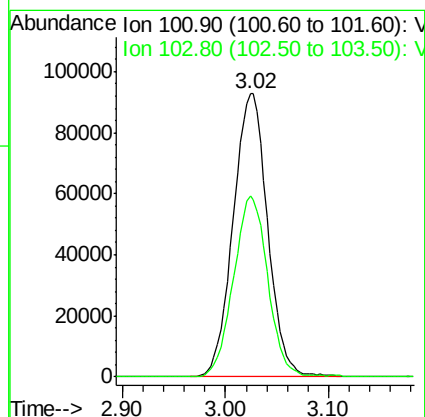
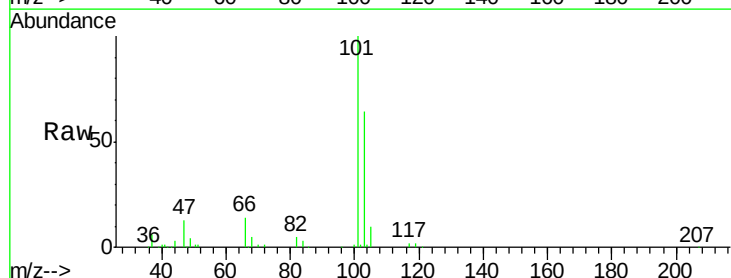
Acq: 21 Sep 2015 23:44

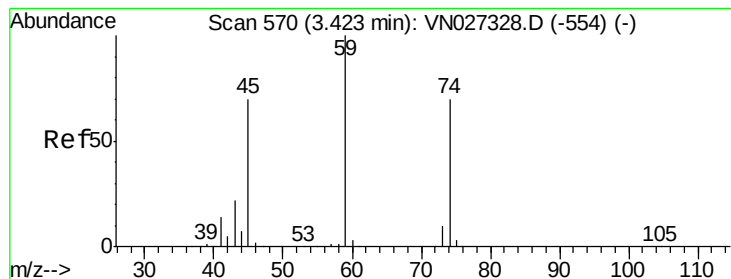
Tgt Ion: 101 Resp: 215735

Ion Ratio Lower Upper

101 100

103 64.0 52.6 79.0





#9

Diethyl Ether

Concen: 21.44 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

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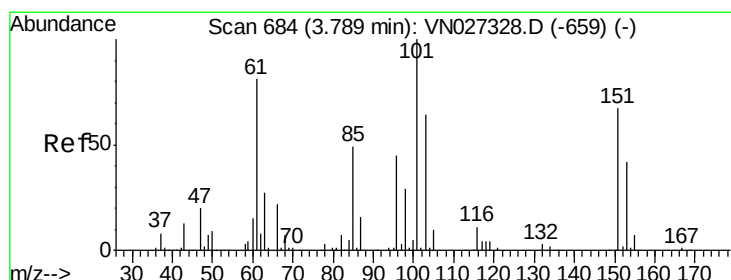
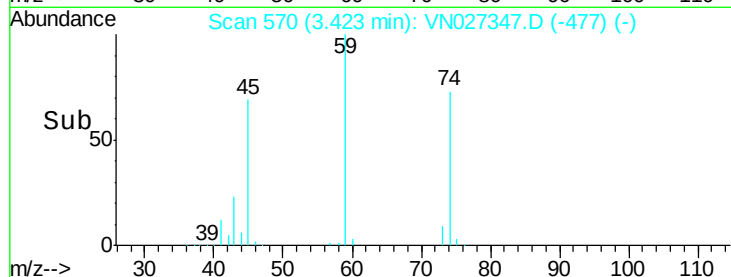
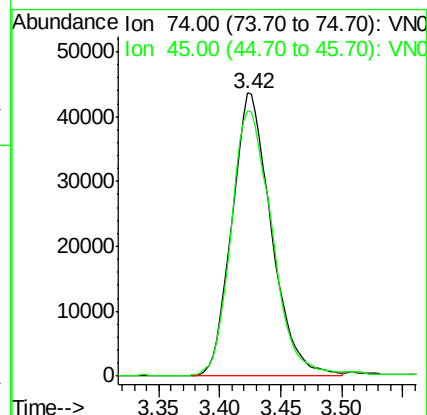
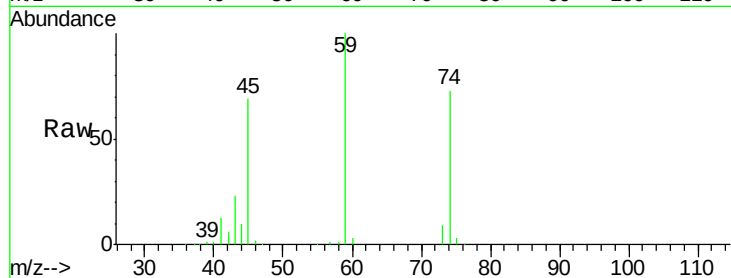
VN0921WBSD02

Tgt Ion: 74 Resp: 98048

Ion Ratio Lower Upper

74 100

45 97.7 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 19.80 ug/l

RT: 3.79 min Scan# 685

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

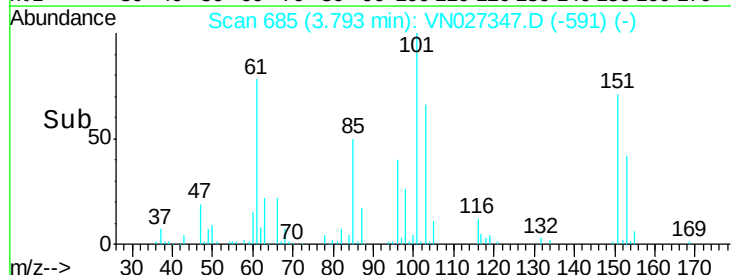
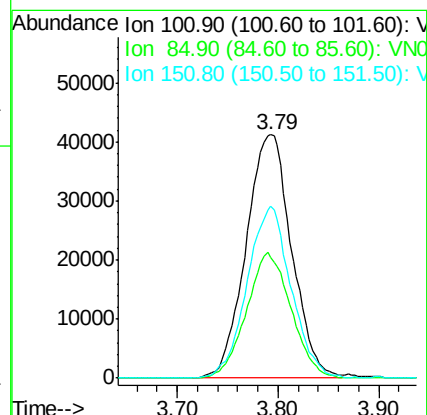
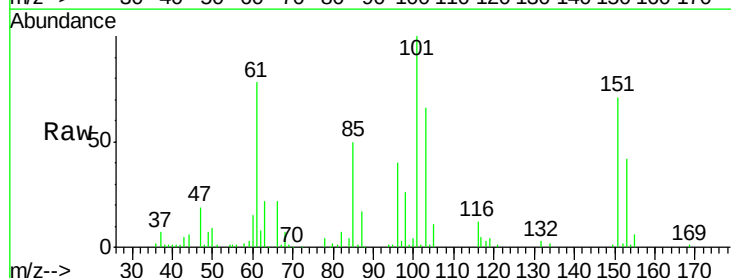
Tgt Ion: 101 Resp: 129187

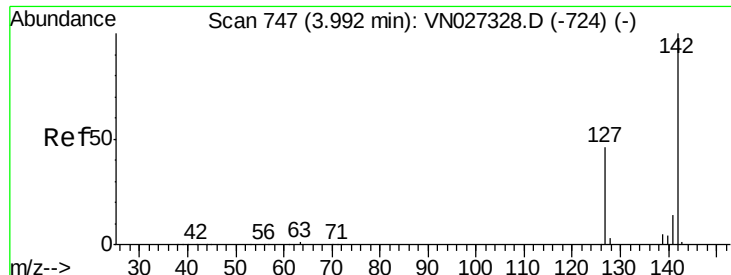
Ion Ratio Lower Upper

101 100

85 50.4 37.4 56.0

151 68.1 55.9 83.9

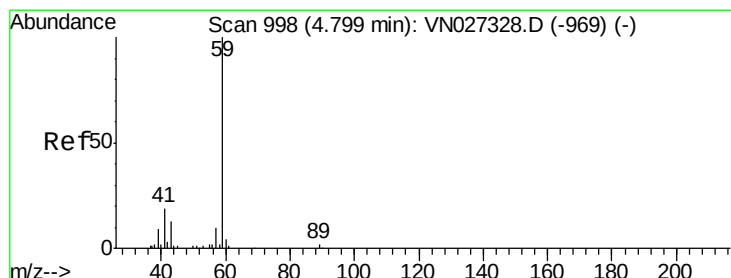
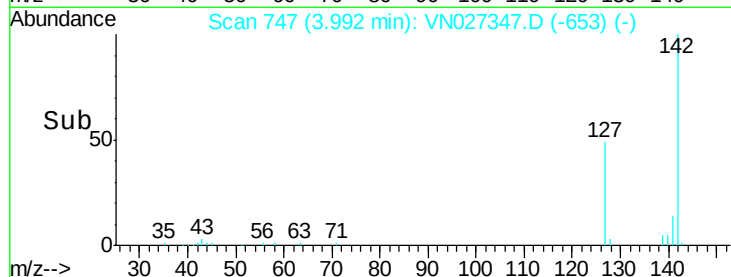
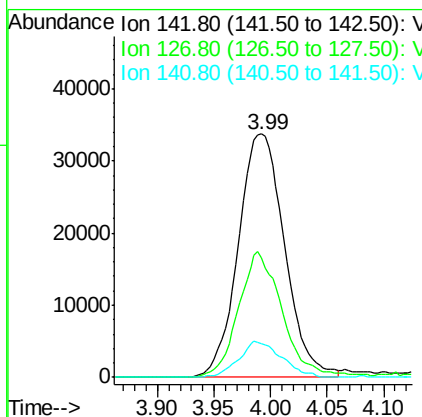
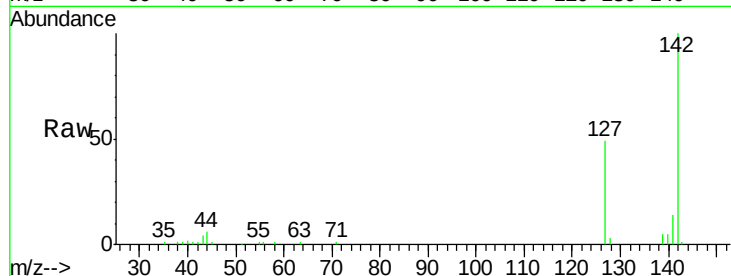




#11
Methyl Iodide
Concen: 20.46 ug/l
RT: 3.99 min Scan# 747
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

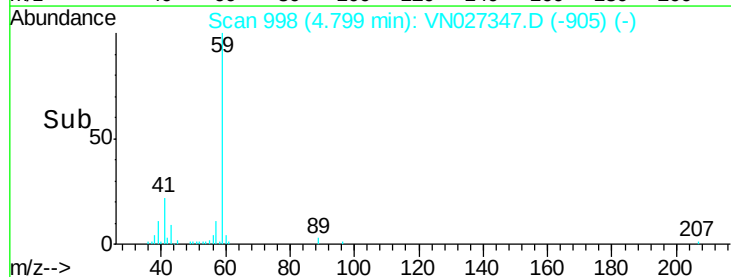
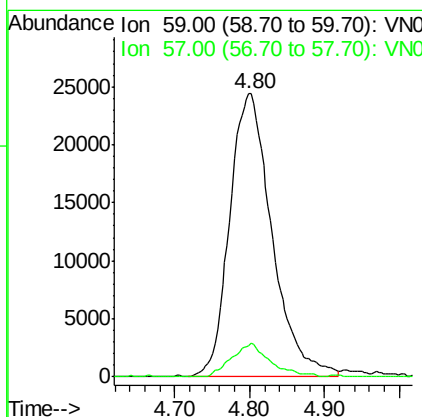
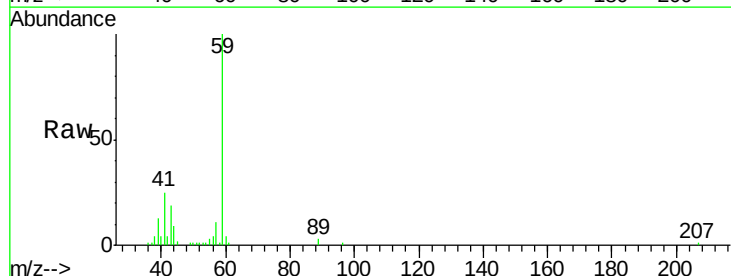
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

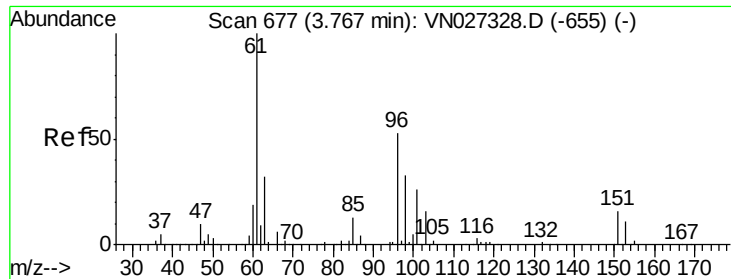
Tgt Ion:142 Resp: 96116
Ion Ratio Lower Upper
142 100
127 49.0 32.3 48.5#
141 13.7 11.2 16.8



#12
Tert butyl alcohol
Concen: 115.11 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Tgt Ion: 59 Resp: 96025
Ion Ratio Lower Upper
59 100
57 10.6 7.6 11.4

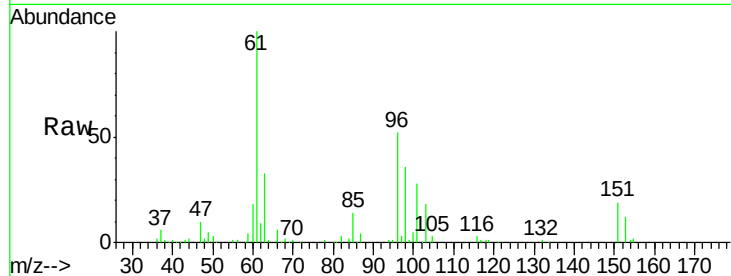




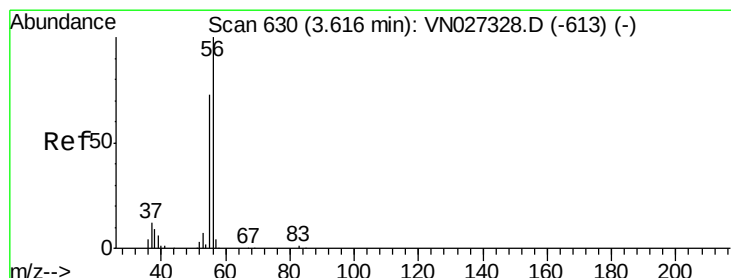
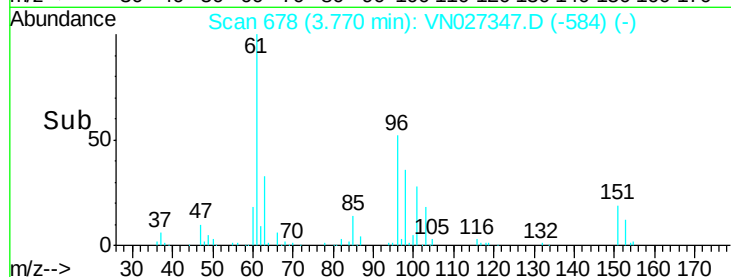
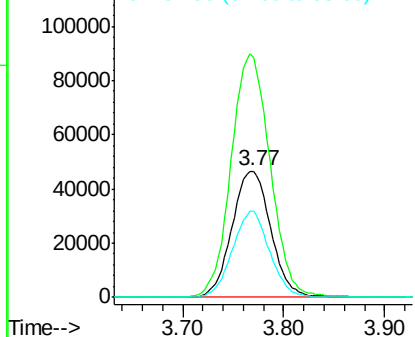
#13
 1,1-Dichloroethene
 Concen: 20.35 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

Tgt Ion: 96 Resp: 124142
 Ion Ratio Lower Upper
 96 100
 61 190.3 143.8 215.8
 98 68.9 50.3 75.5

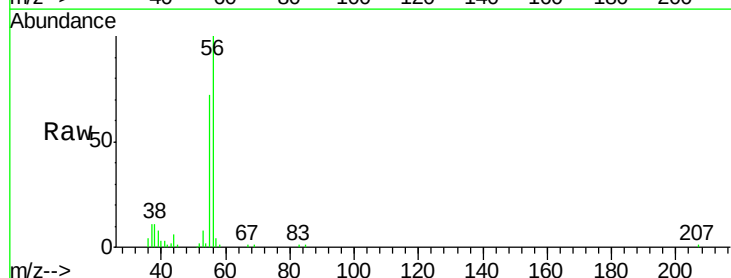


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

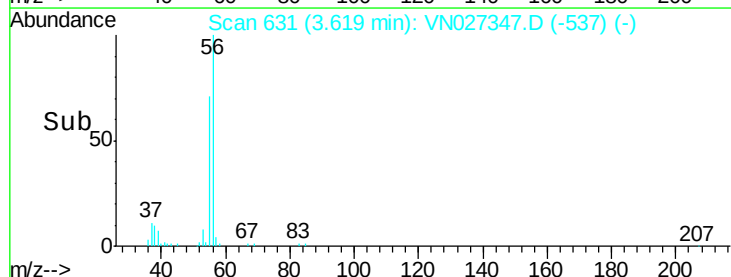
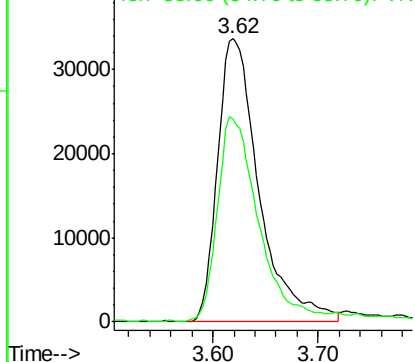


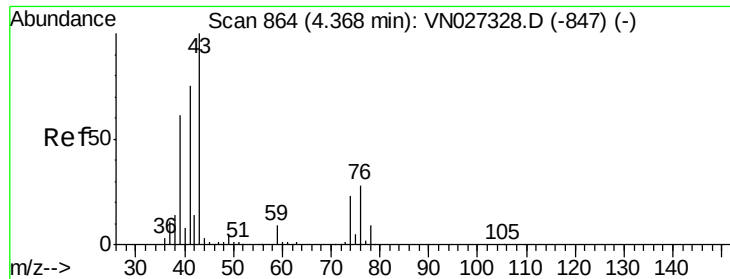
#14
 Acrolein
 Concen: 85.09 ug/l
 RT: 3.62 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 56 Resp: 92027
 Ion Ratio Lower Upper
 56 100
 55 71.7 55.7 83.5



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

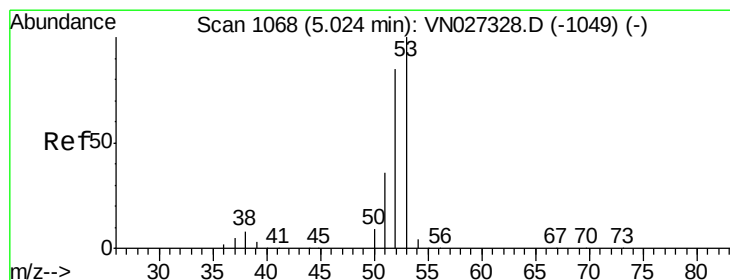
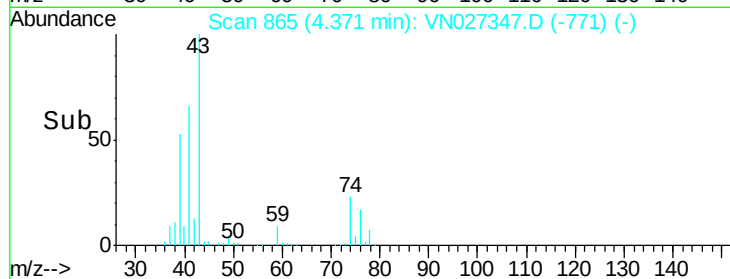
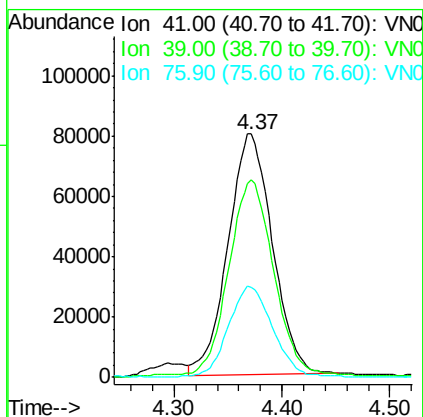
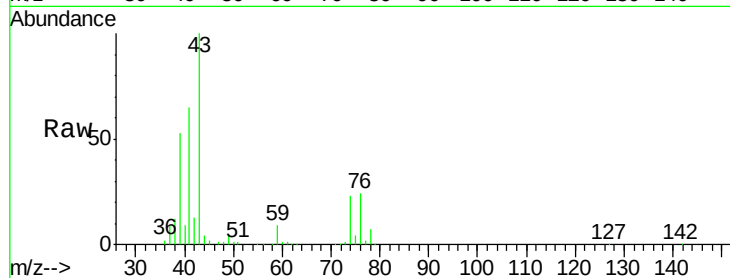




#15
 Allyl chloride
 Concen: 19.25 ug/l
 RT: 4.37 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

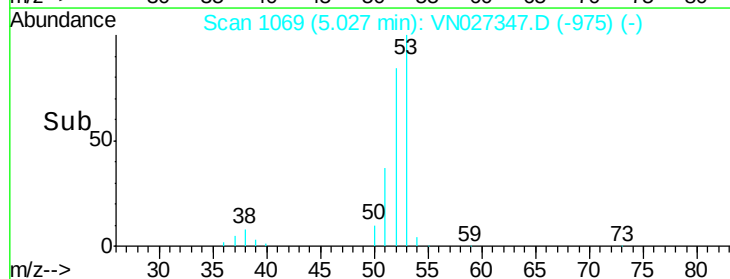
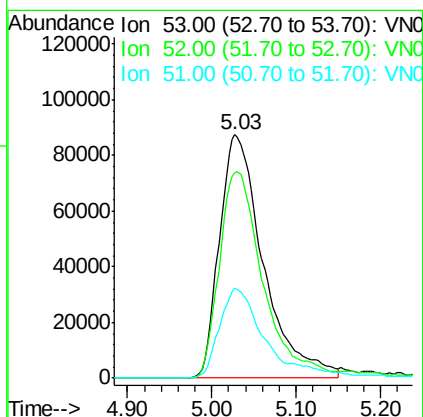
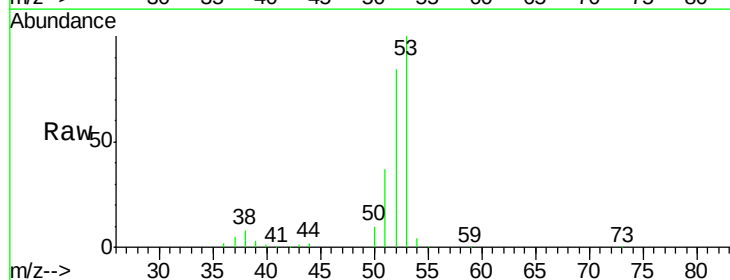
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0921WBSD02

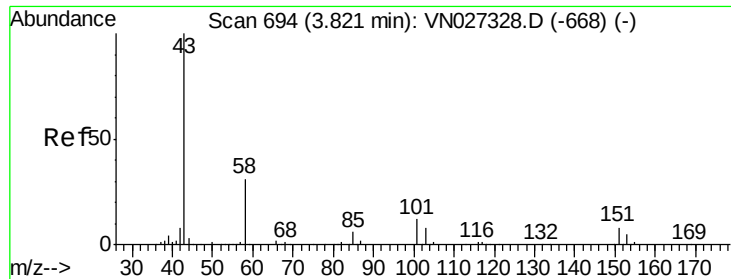
Tgt Ion: 41 Resp: 229098
 Ion Ratio Lower Upper
 41 100
 39 82.9 49.7 74.5#
 76 37.2 24.8 37.2#



#16
 Acrylonitrile
 Concen: 104.19 ug/l
 RT: 5.03 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 53 Resp: 315597
 Ion Ratio Lower Upper
 53 100
 52 83.7 66.9 100.3
 51 34.1 27.4 41.0

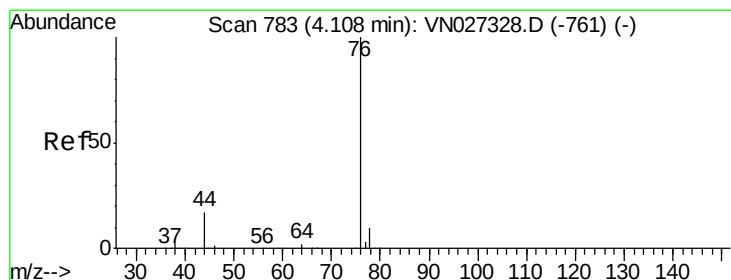
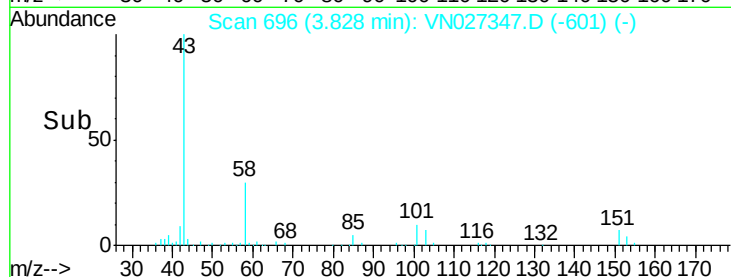
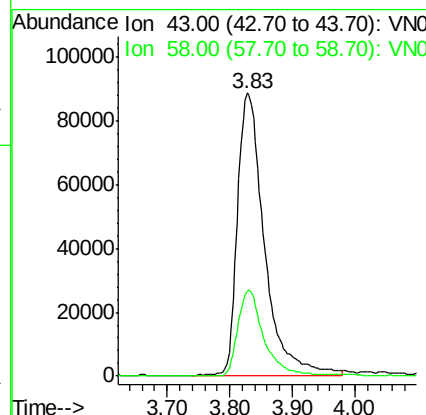
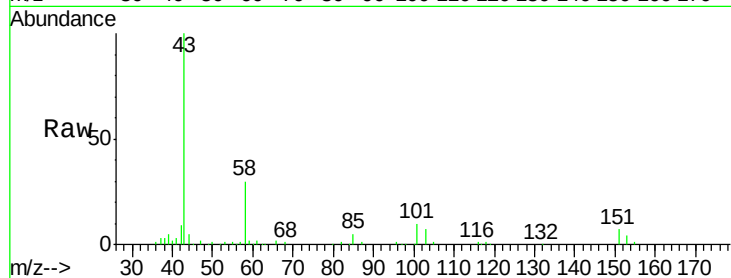




#17
Acetone
Concen: 93.58 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

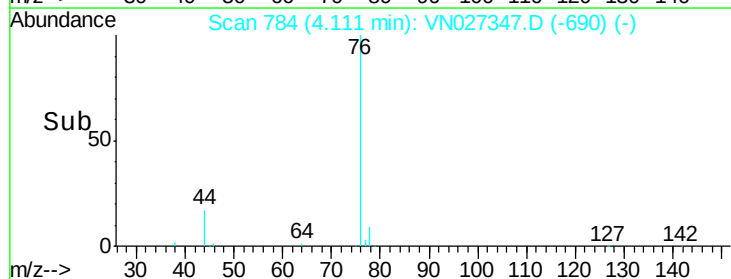
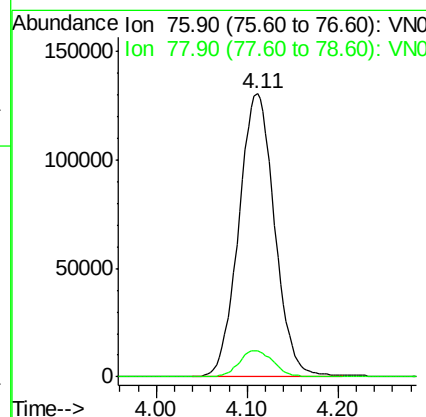
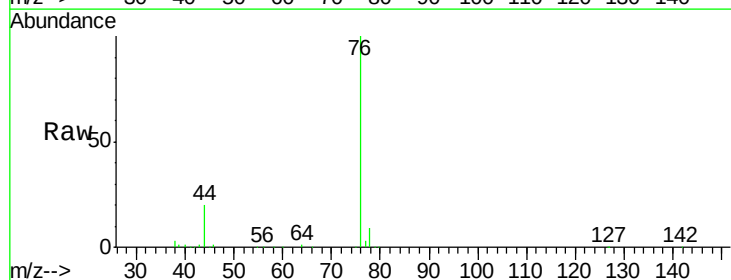
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

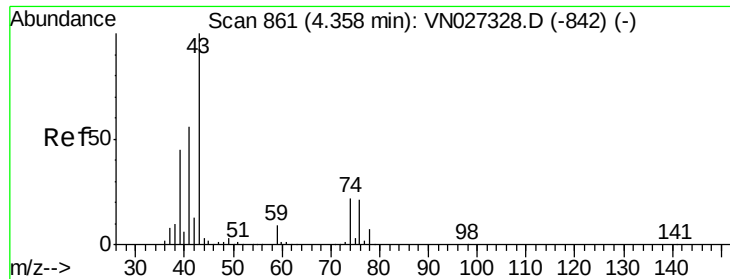
Tgt Ion: 43 Resp: 266241
Ion Ratio Lower Upper
43 100
58 30.1 25.4 38.0



#18
Carbon Disulfide
Concen: 19.59 ug/l
RT: 4.11 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Tgt Ion: 76 Resp: 357805
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

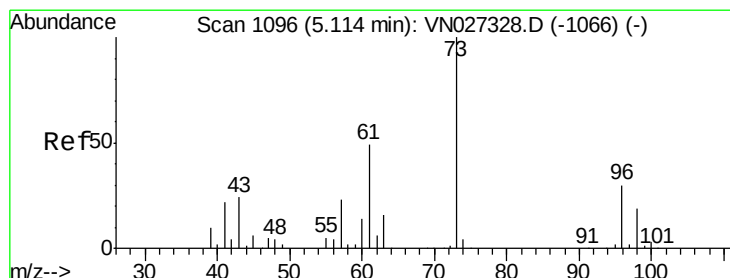
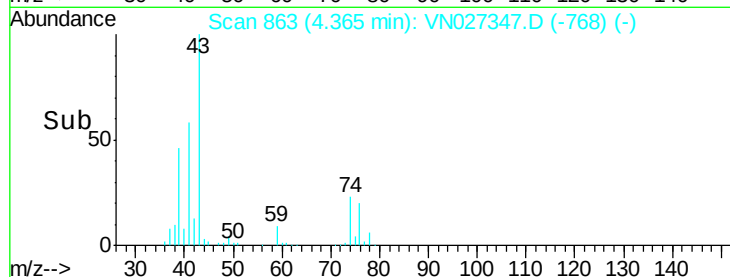
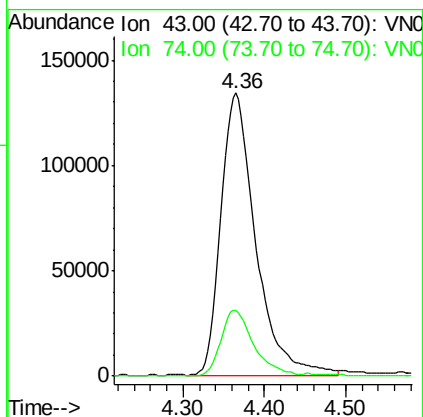
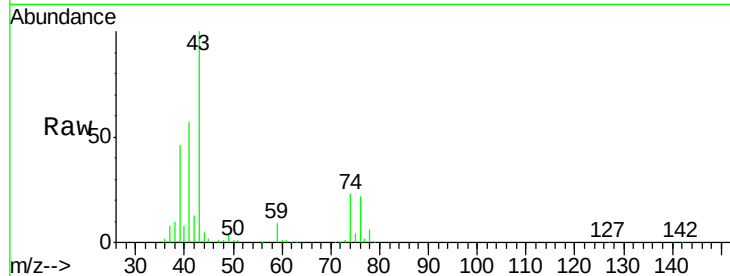




#19
Methyl Acetate
Concen: 22.72 ug/l
RT: 4.36 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

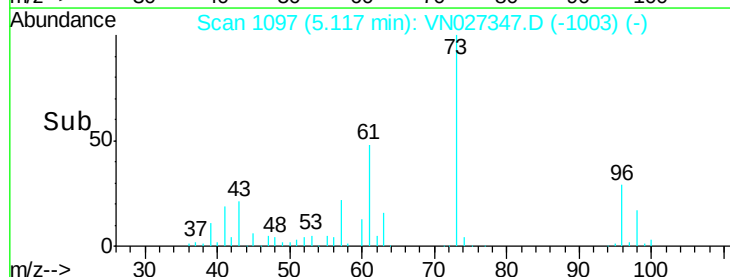
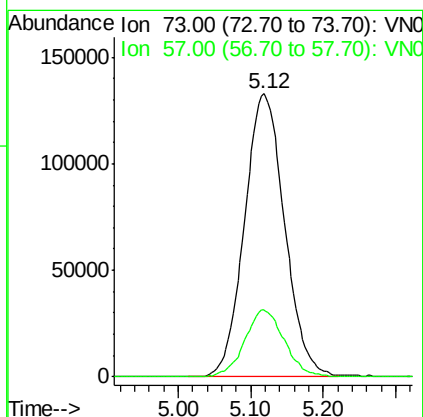
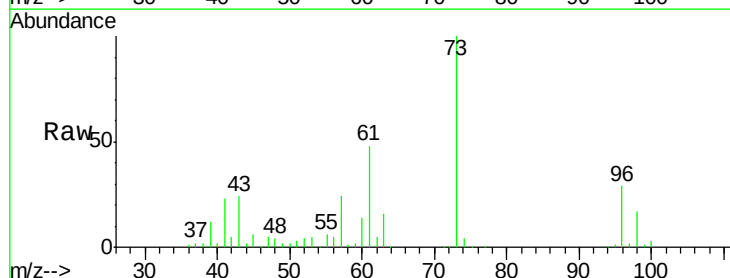
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

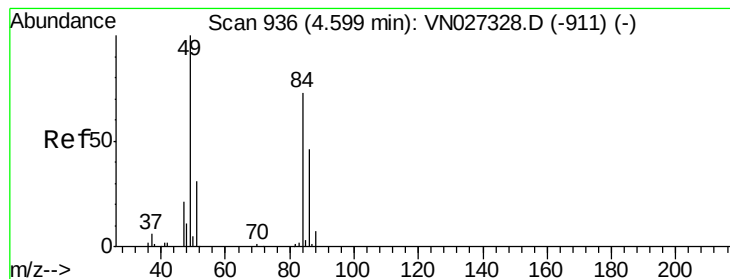
Tgt Ion: 43 Resp: 400999
Ion Ratio Lower Upper
43 100
74 22.2 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 21.02 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Tgt Ion: 73 Resp: 511816
Ion Ratio Lower Upper
73 100
57 23.7 19.8 29.6





#21

Methylene Chloride

Concen: 21.48 ug/l

RT: 4.60 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

Tgt Ion: 84 Resp: 162733

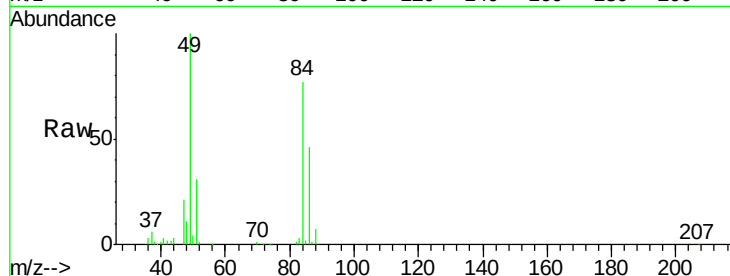
Ion Ratio Lower Upper

84 100

49 128.8 112.3 168.5

51 39.5 33.8 50.8

86 59.1 48.2 72.4

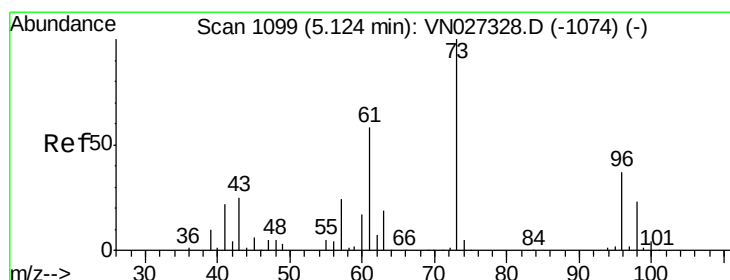
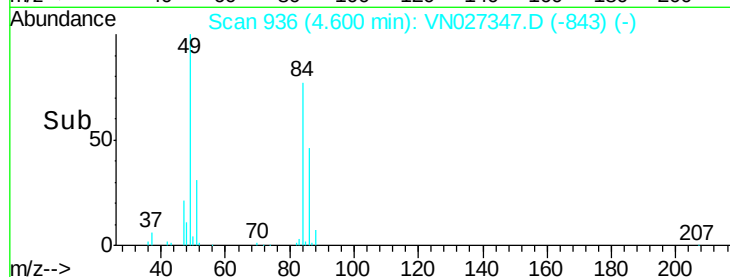
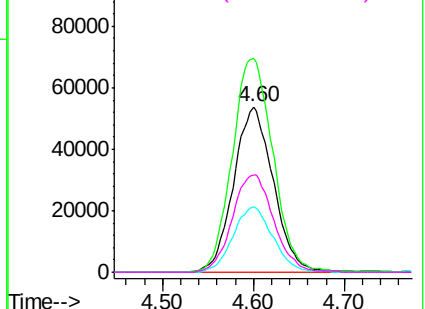


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 20.15 ug/l

RT: 5.13 min Scan# 1100

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

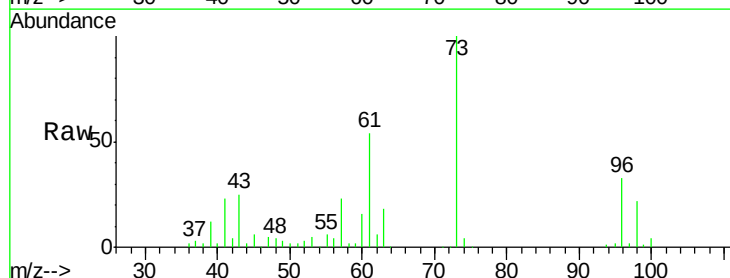
Tgt Ion: 96 Resp: 135131

Ion Ratio Lower Upper

96 100

61 161.9 126.6 189.8

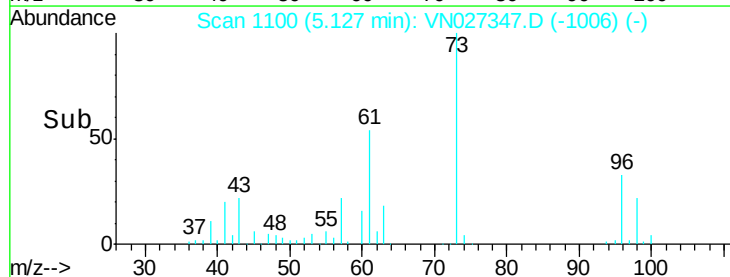
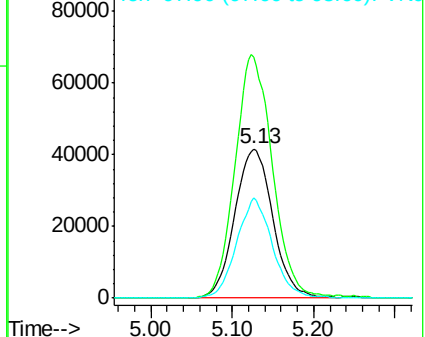
98 67.5 47.4 71.2

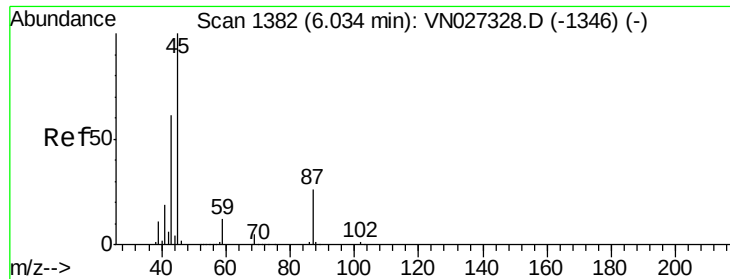


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

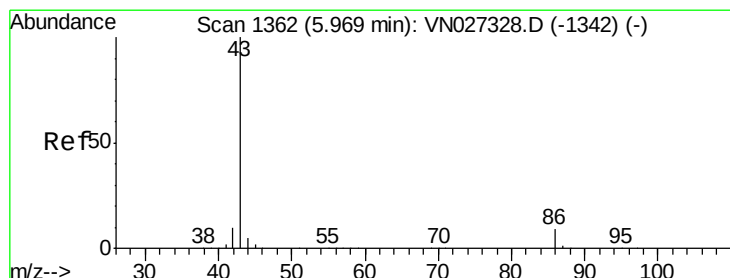
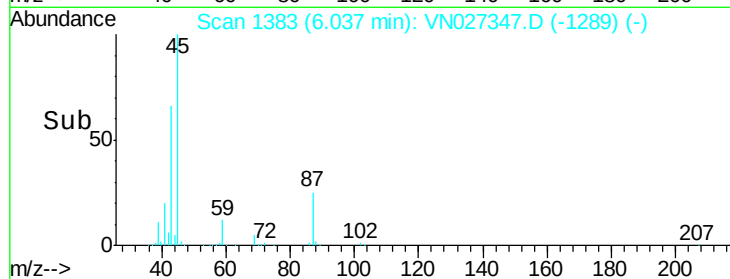
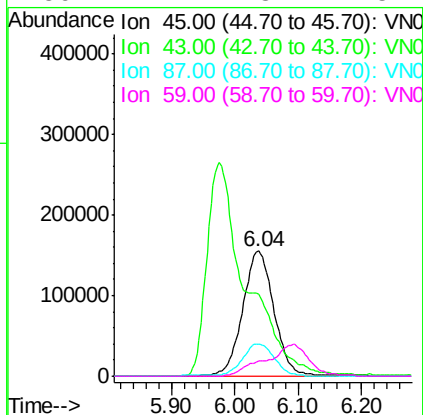
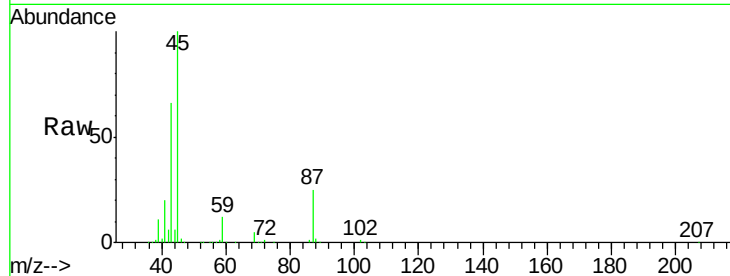




#23
 Diisopropyl ether
 Concen: 20.63 ug/l
 RT: 6.04 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

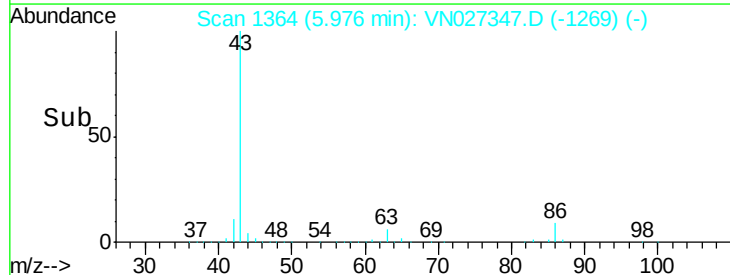
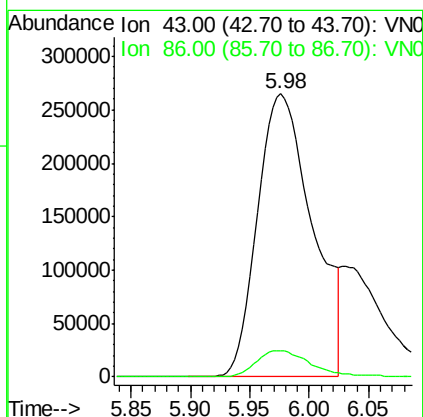
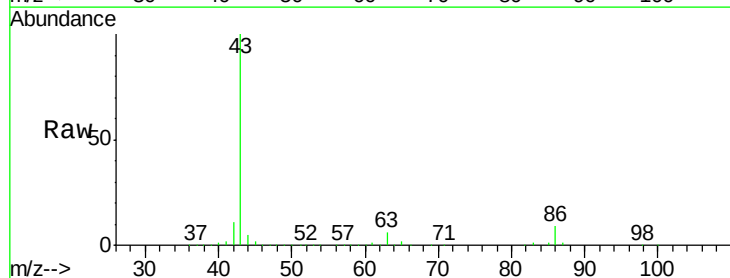
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

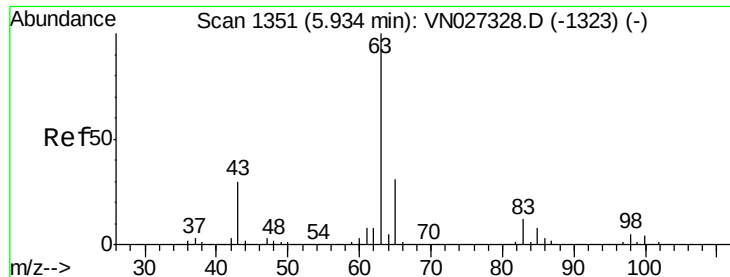
Tgt Ion: 45 Resp: 533835
 Ion Ratio Lower Upper
 45 100
 43 64.4 41.0 61.6#
 87 25.0 17.5 26.3
 59 11.7 8.7 13.1



#24
 Vinyl Acetate
 Concen: 103.30 ug/l
 RT: 5.98 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 43 Resp: 847997
 Ion Ratio Lower Upper
 43 100
 86 9.4 6.9 10.3

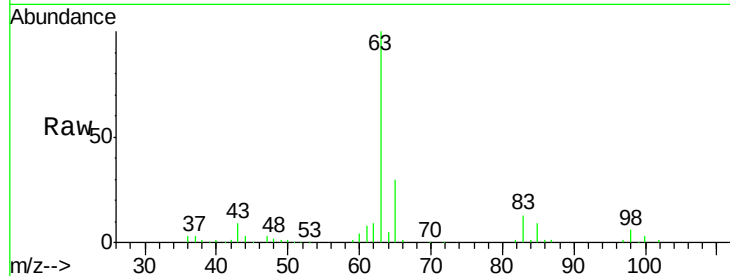




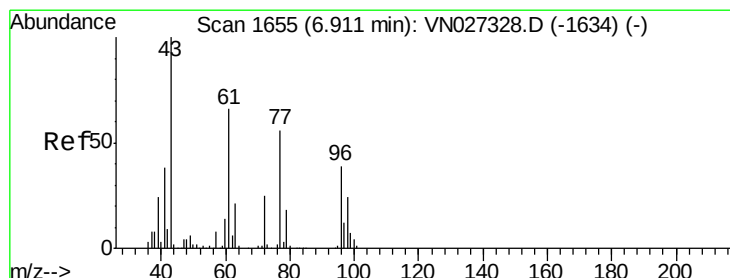
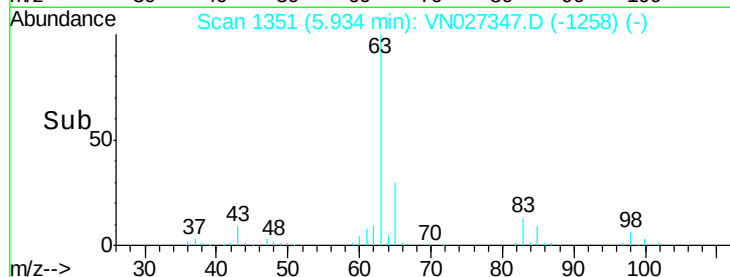
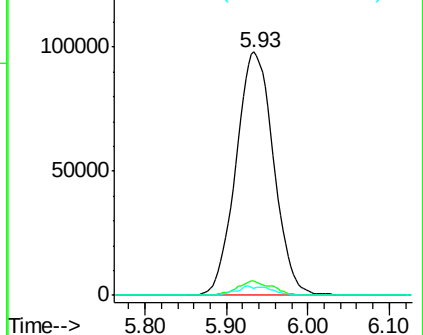
#25
 1,1-Dichloroethane
 Concen: 20.78 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBSD02

Tgt Ion: 63 Resp: 313304
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.8 8.3
 100 2.9 1.7 5.0

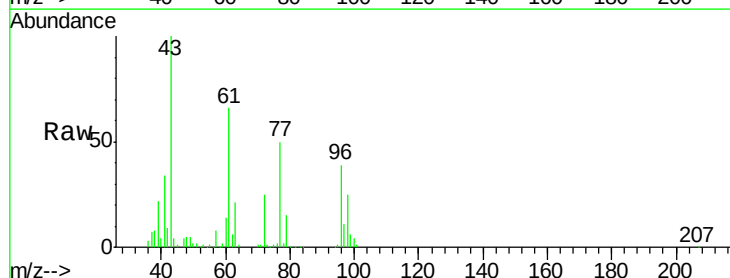


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

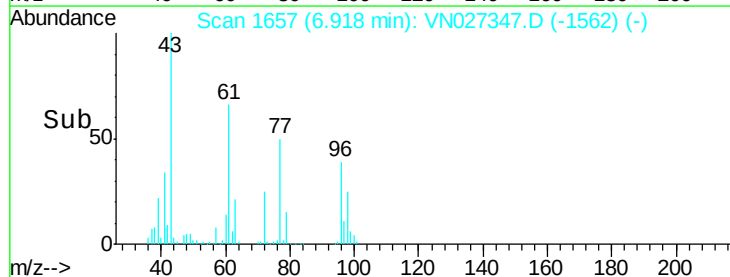
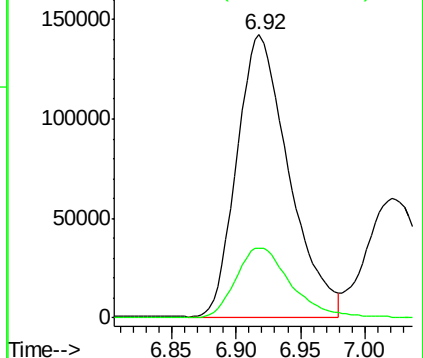


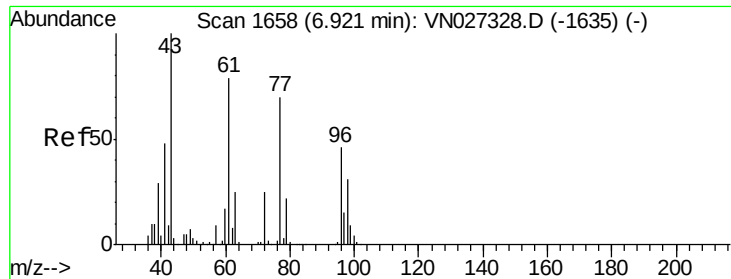
#26
 2-Butanone
 Concen: 106.75 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 43 Resp: 397721
 Ion Ratio Lower Upper
 43 100
 72 24.8 18.8 28.2



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

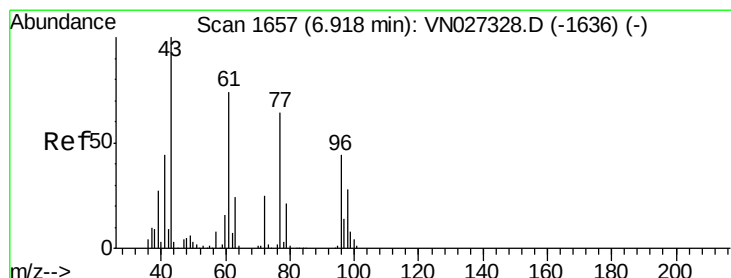
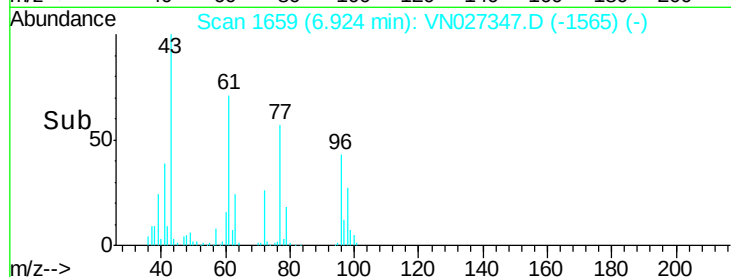
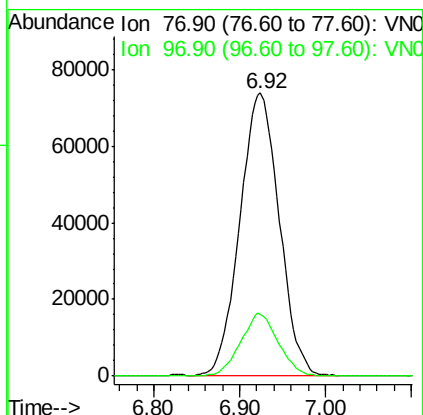
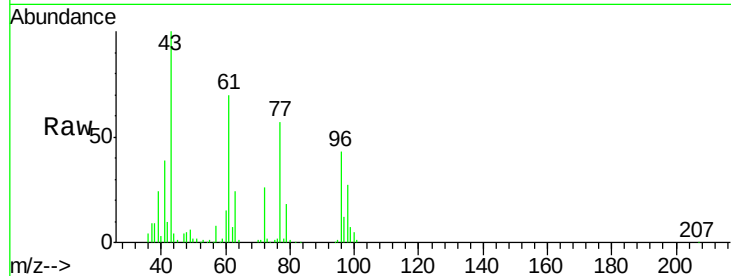




#27
 2,2-Dichloropropane
 Concen: 17.96 ug/l
 RT: 6.92 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

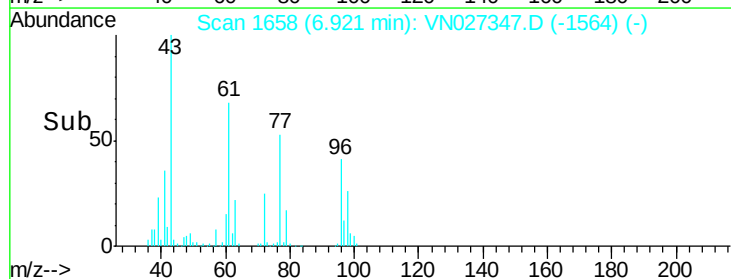
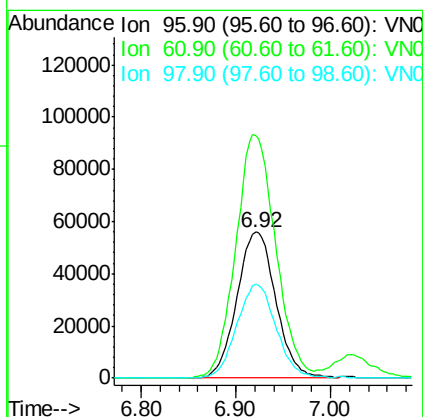
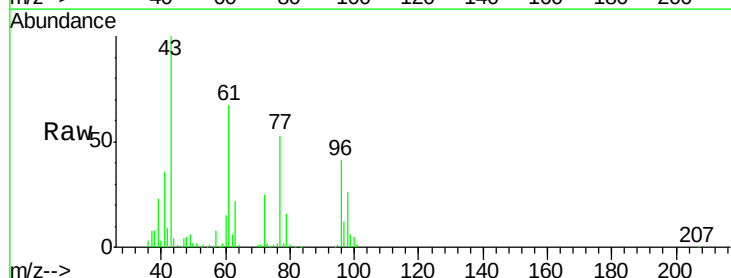
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

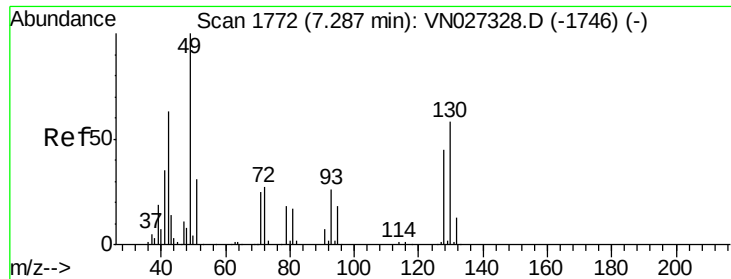
Tgt Ion: 77 Resp: 233356
 Ion Ratio Lower Upper
 77 100
 97 21.4 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 20.24 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 96 Resp: 160348
 Ion Ratio Lower Upper
 96 100
 61 170.2 0.0 329.2
 98 64.8 0.0 126.0





#29

Bromochloromethane

Concen: 21.65 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

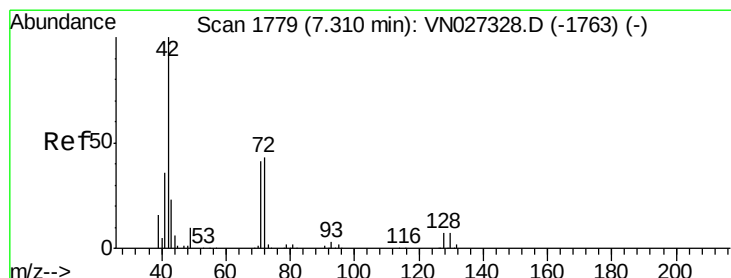
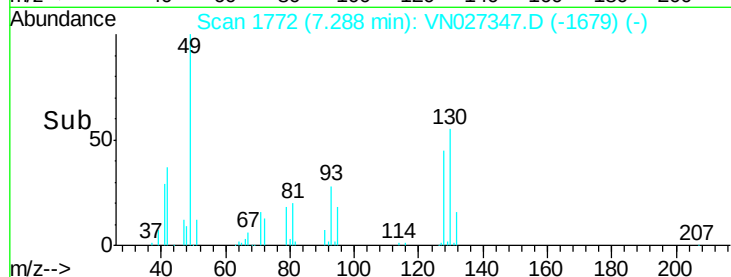
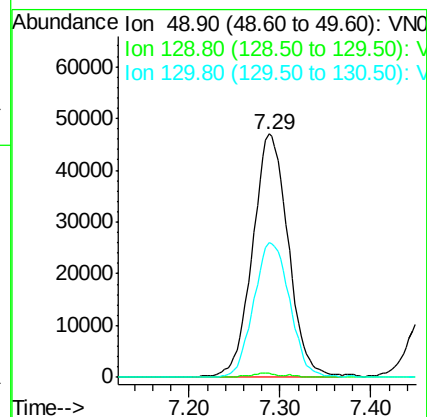
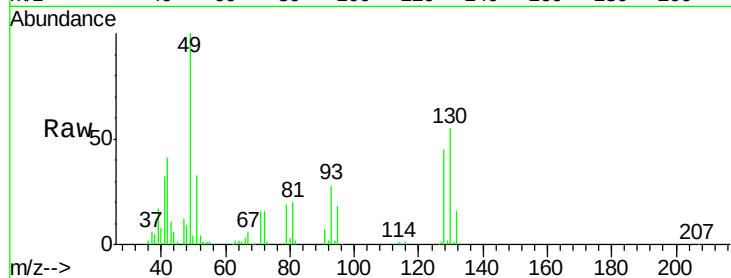
Tgt Ion: 49 Resp: 128075

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.2

130 55.8 43.2 64.8



#30

Tetrahydrofuran

Concen: 111.05 ug/l

RT: 7.32 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

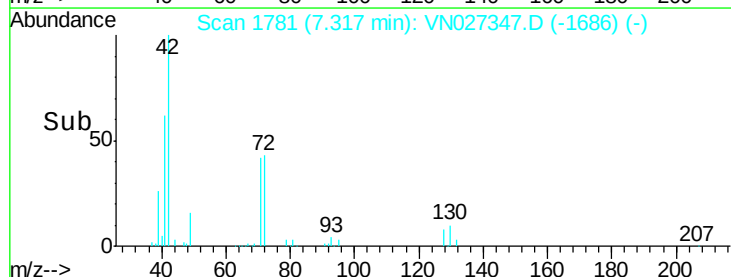
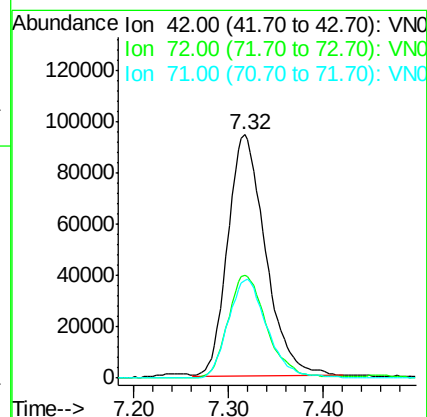
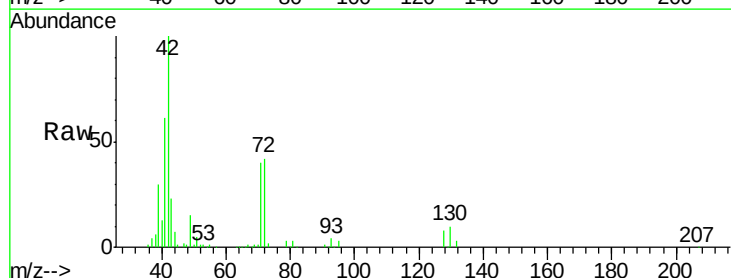
Tgt Ion: 42 Resp: 262256

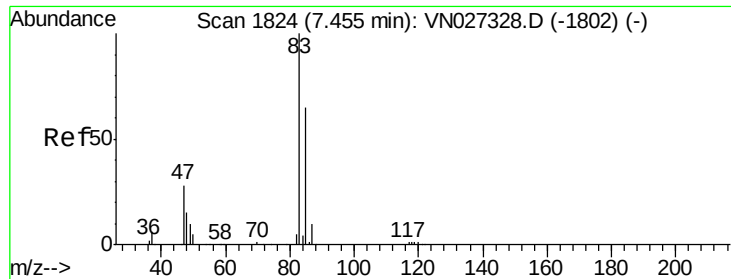
Ion Ratio Lower Upper

42 100

72 43.6 29.9 44.9

71 42.3 28.3 42.5

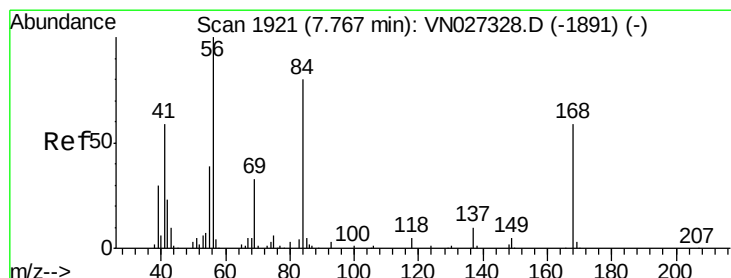
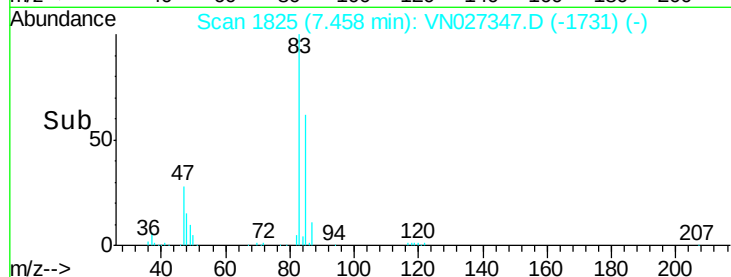
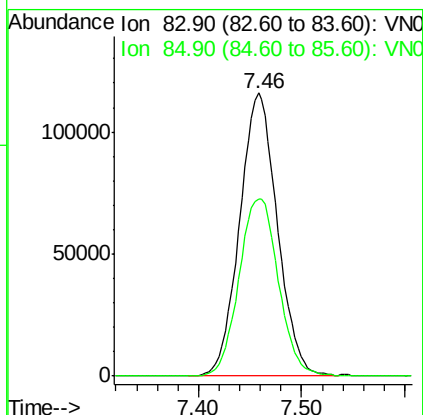
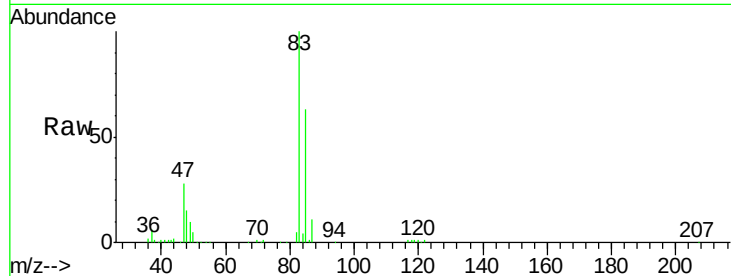




#31
Chloroform
Concen: 20.81 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

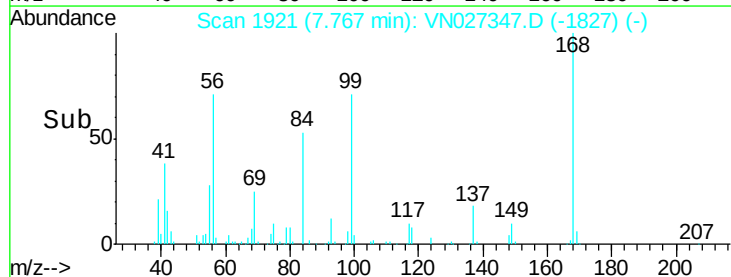
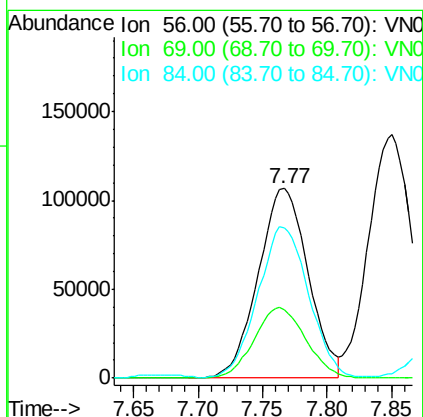
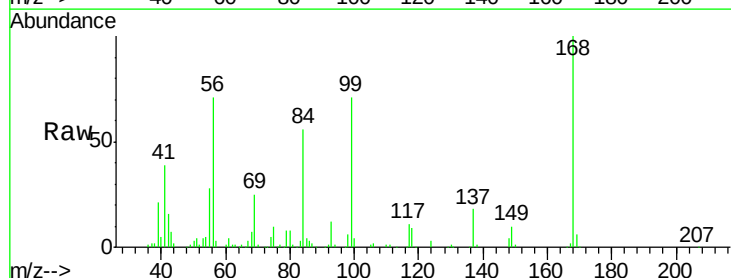
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

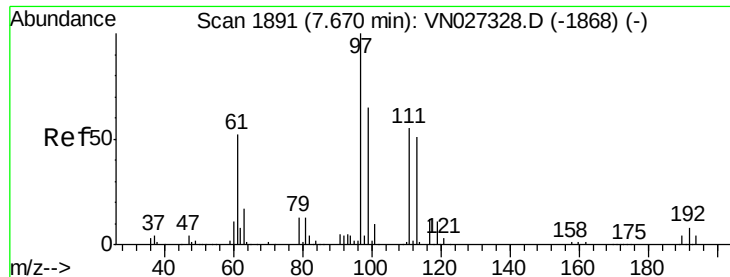
Tgt Ion: 83 Resp: 294734
Ion Ratio Lower Upper
83 100
85 62.5 51.1 76.7



#32
Cyclohexane
Concen: 20.53 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Tgt Ion: 56 Resp: 287666
Ion Ratio Lower Upper
56 100
69 36.0 23.0 34.4#
84 78.4 57.8 86.8

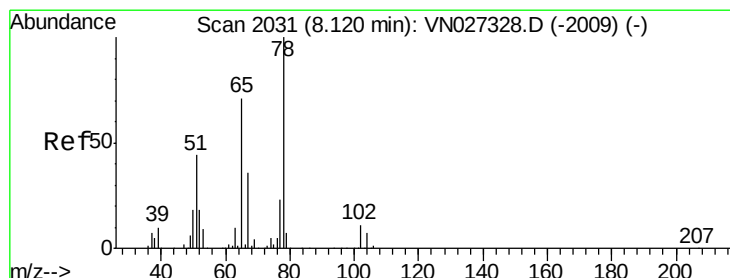
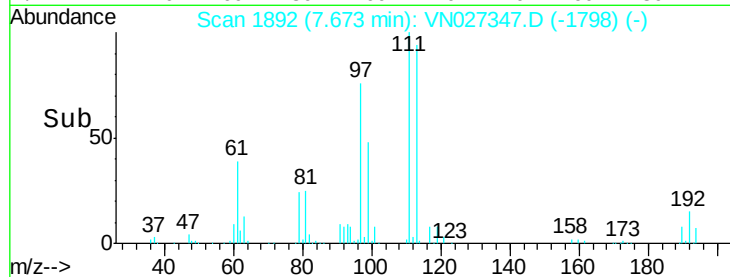
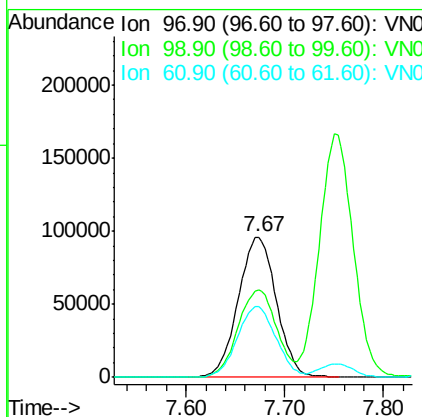
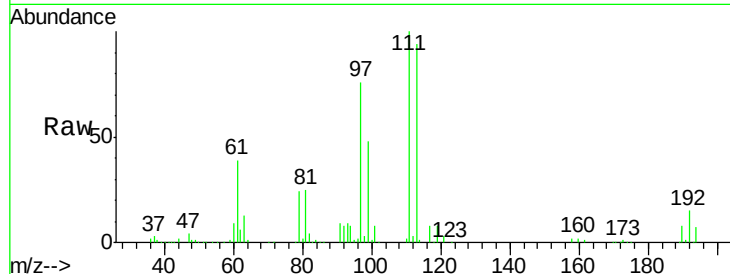




#33
 1,1,1-Trichloroethane
 Concen: 20.47 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

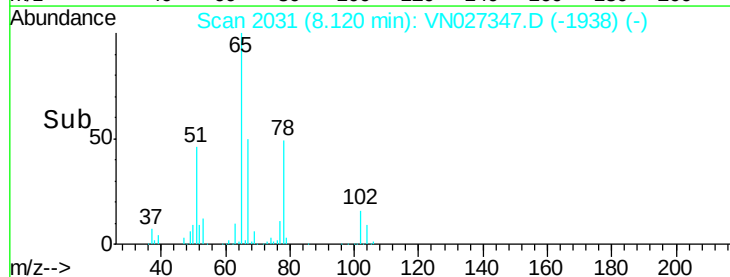
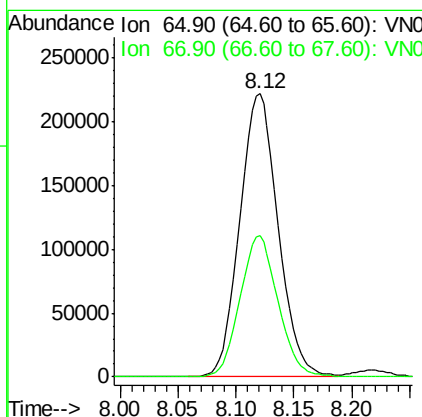
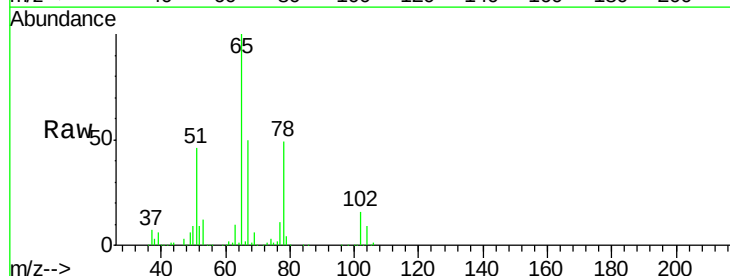
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

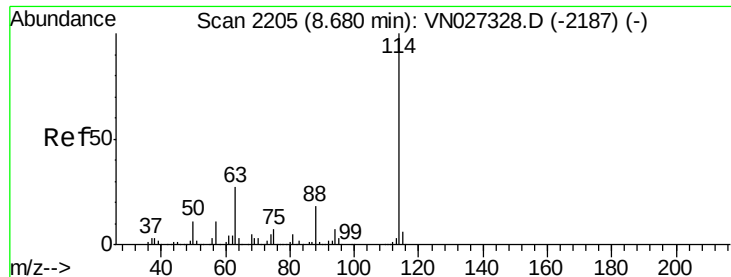
Tgt Ion	Resp	Lower	Upper
97	256937		
99	63.9	50.1	75.1
61	51.3	44.0	66.0



#34
 1,2-Dichloroethane-d4
 Concen: 48.85 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion	Resp	Lower	Upper
65	510873		
67	49.5	0.0	110.6

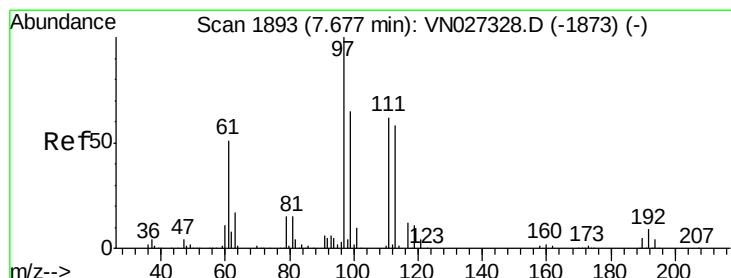
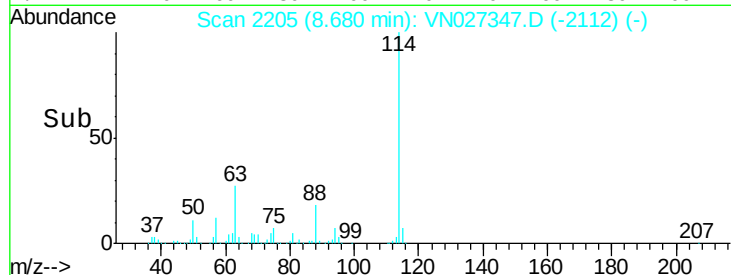
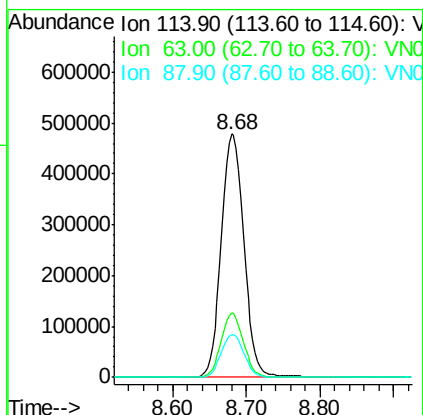
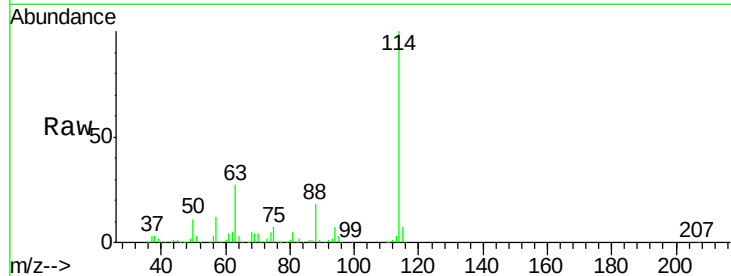




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

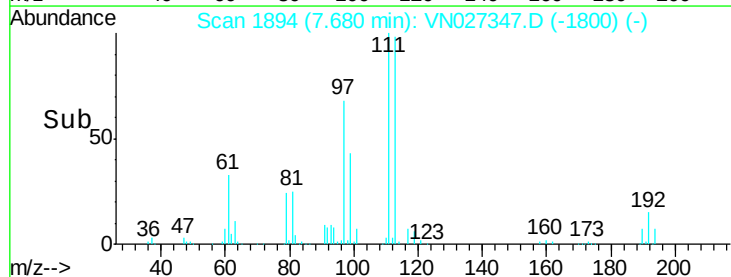
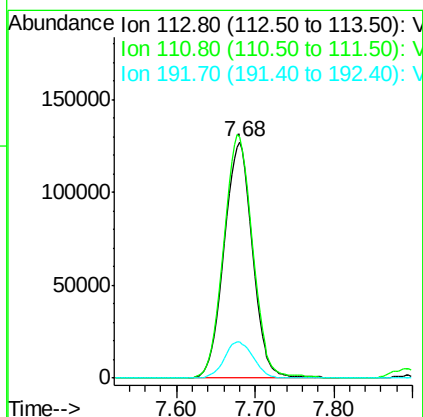
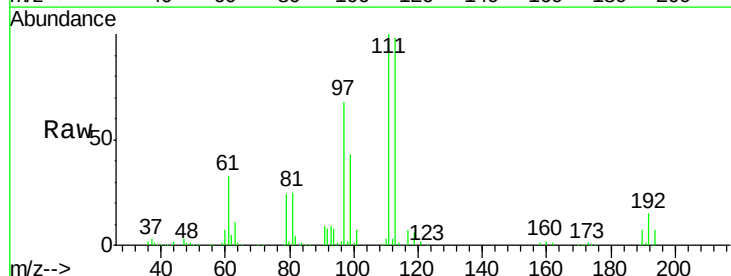
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

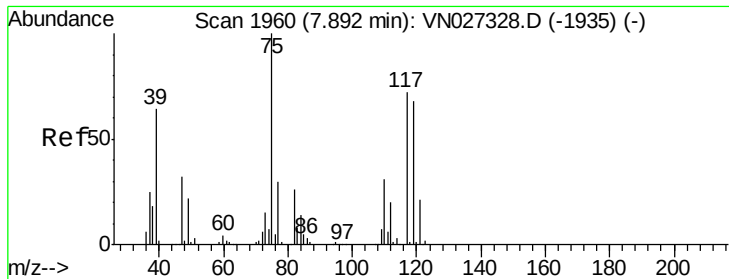
Tgt Ion:114 Resp: 1025084
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 48.8
 88 17.8 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 47.35 ug/l
 RT: 7.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion:113 Resp: 316730
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.0 124.4
 192 15.7 14.1 21.1

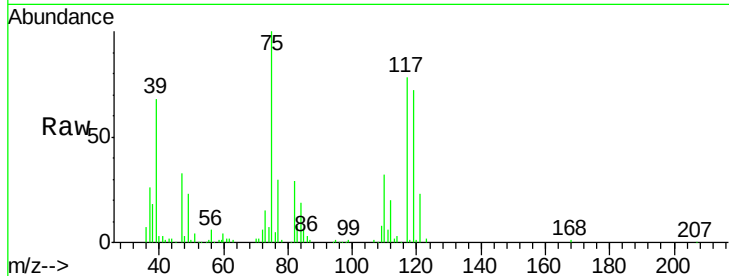




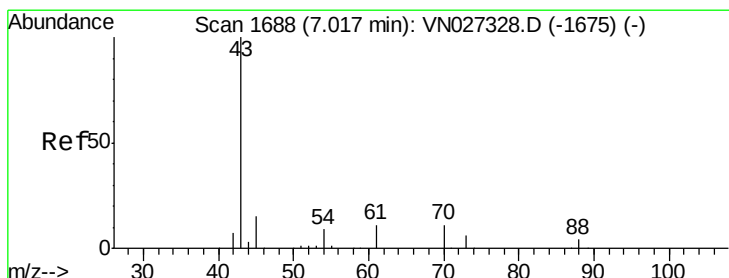
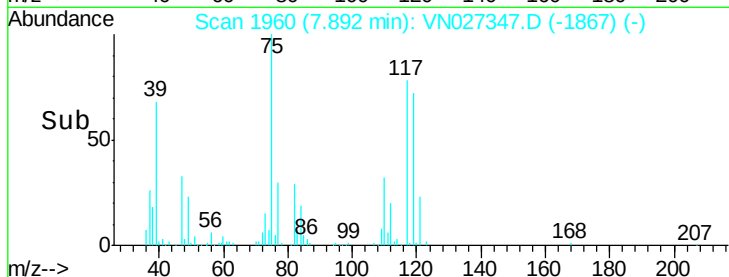
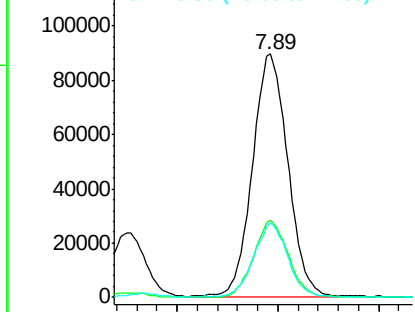
#37
 1,1-Dichloropropene
 Concen: 19.59 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

Tgt Ion: 75 Resp: 216438
 Ion Ratio Lower Upper
 75 100
 110 31.2 15.9 47.7
 77 28.8 24.9 37.3

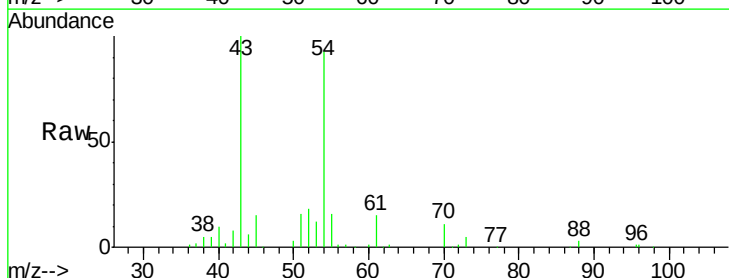


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

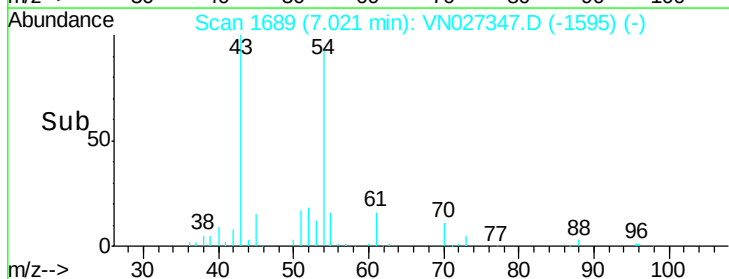
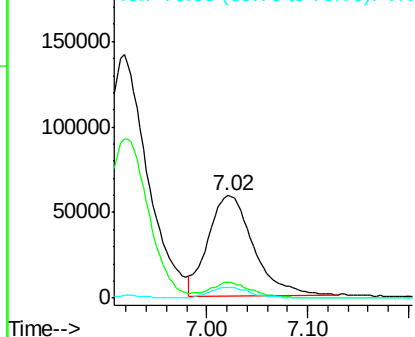


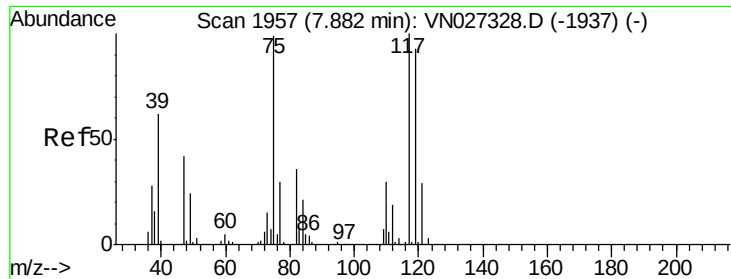
#38
 Ethyl Acetate
 Concen: 21.35 ug/l
 RT: 7.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 43 Resp: 182129
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.2 15.4
 70 10.3 7.4 11.0



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

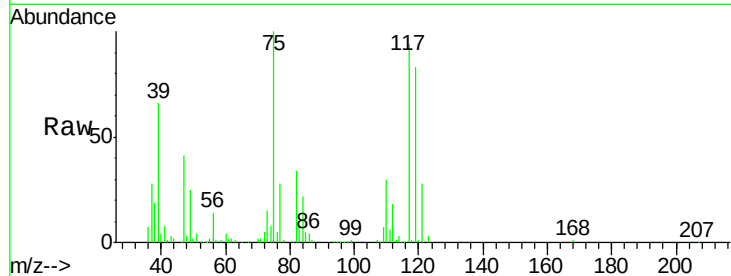




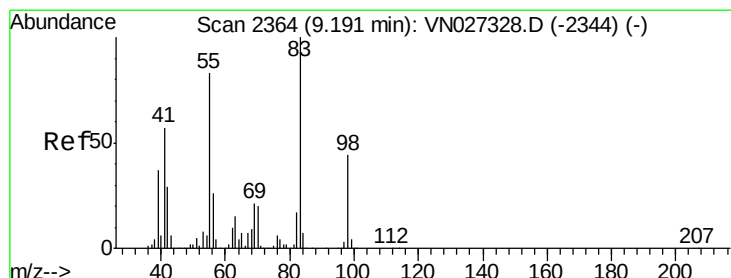
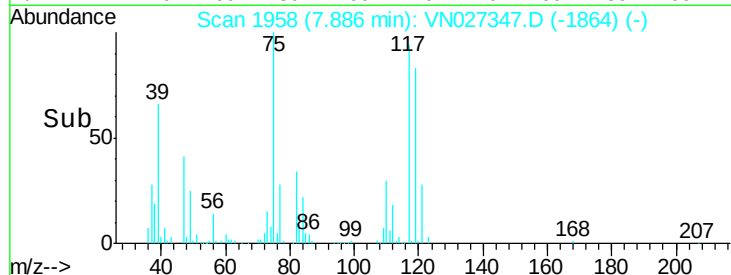
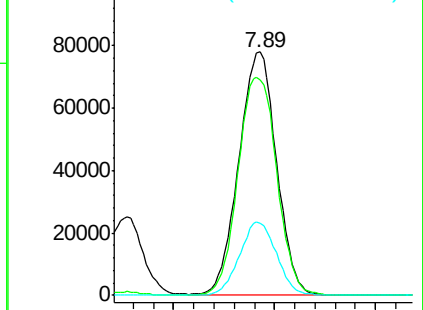
#39
Carbon Tetrachloride
Concen: 19.45 ug/l
RT: 7.89 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Instrument :
MSVOA_N
ClientSampled :
VN0921WBSD02

Tgt Ion: 117 Resp: 202224
Ion Ratio Lower Upper
117 100
119 88.7 75.3 112.9
121 29.8 23.8 35.8

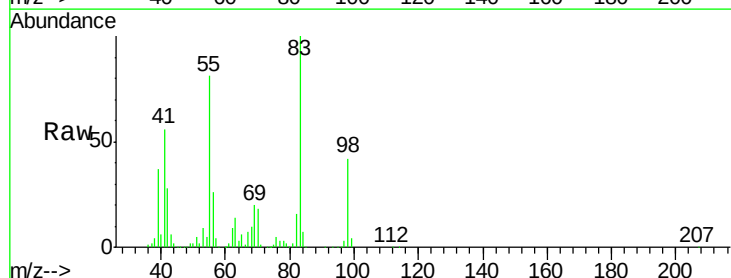


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

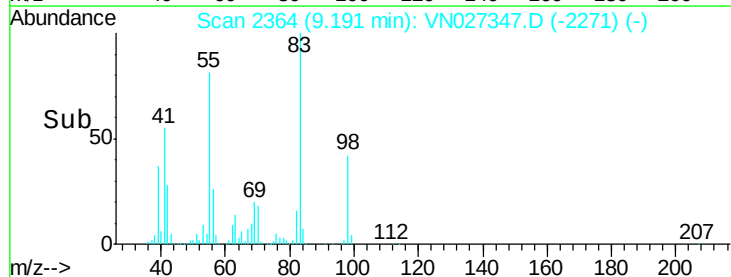
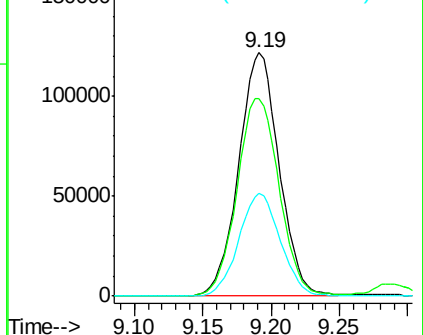


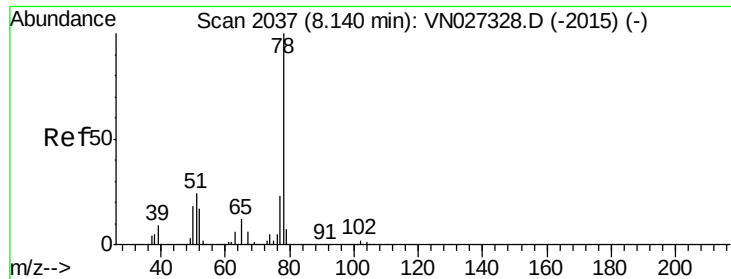
#40
Methylcyclohexane
Concen: 19.07 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Tgt Ion: 83 Resp: 250282
Ion Ratio Lower Upper
83 100
55 80.7 69.8 104.8
98 42.1 34.3 51.5



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#41

Benzene

Concen: 20.11 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

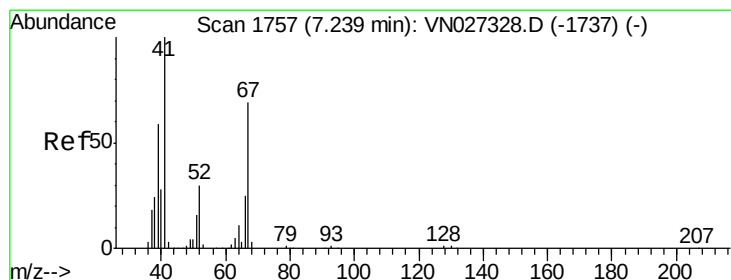
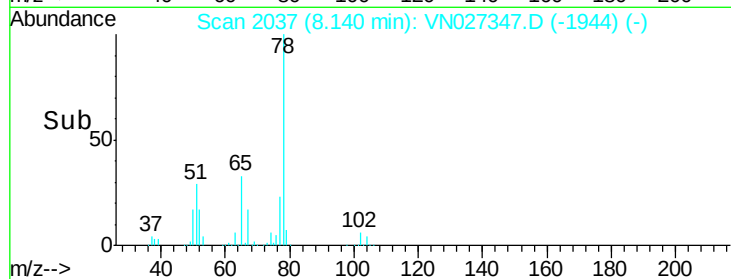
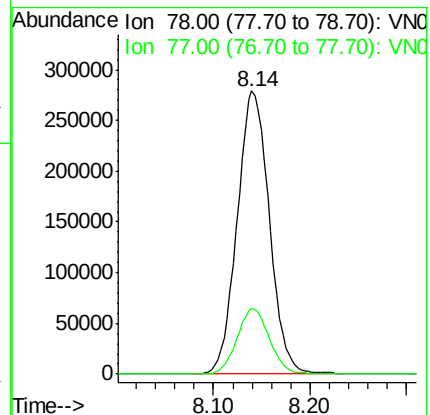
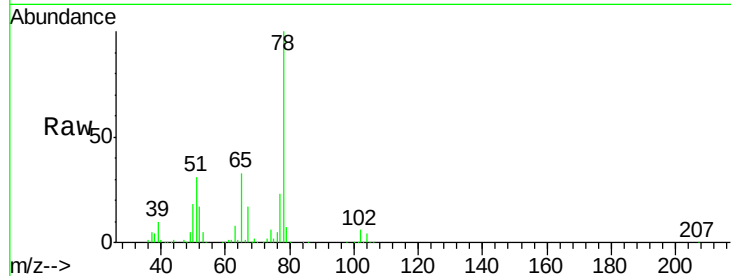
VN0921WBSD02

Tgt Ion: 78 Resp: 644762

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4



#42

Methacrylonitrile

Concen: 20.14 ug/l

RT: 7.25 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Tgt Ion: 41 Resp: 101405

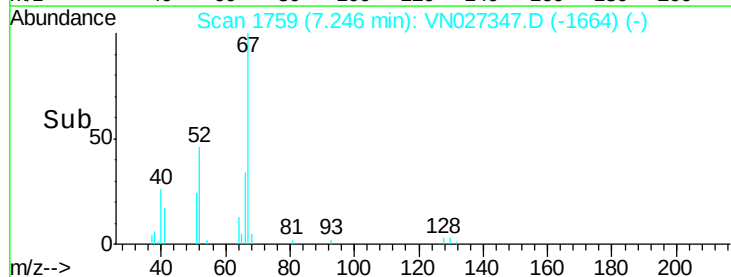
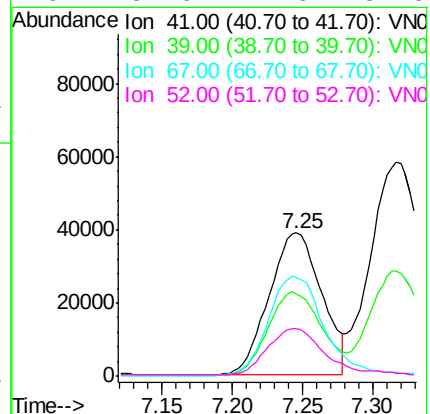
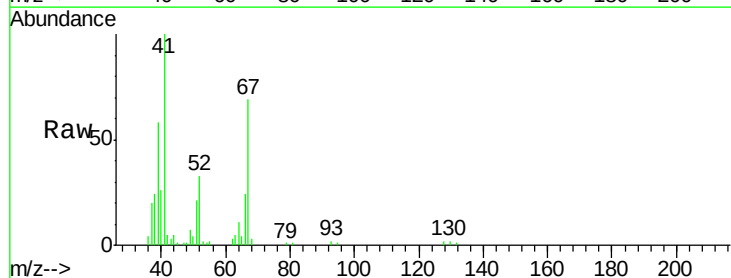
Ion Ratio Lower Upper

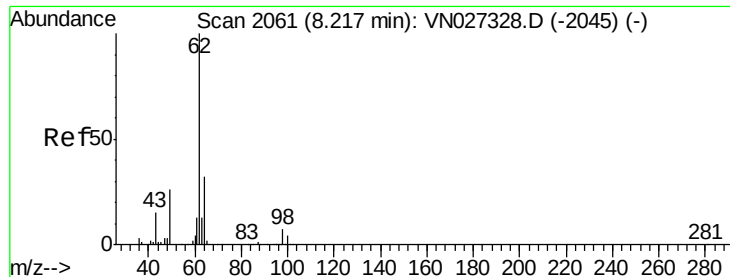
41 100

39 59.8 43.0 64.6

67 74.8 52.2 78.2

52 34.6 21.3 31.9#

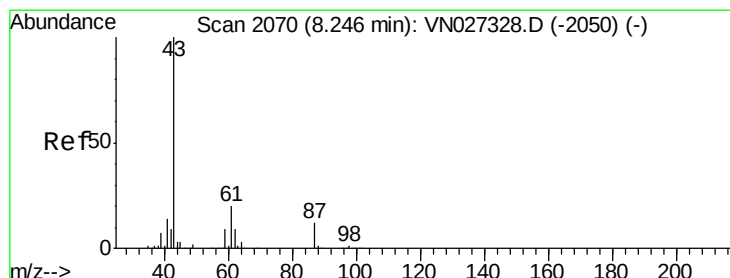
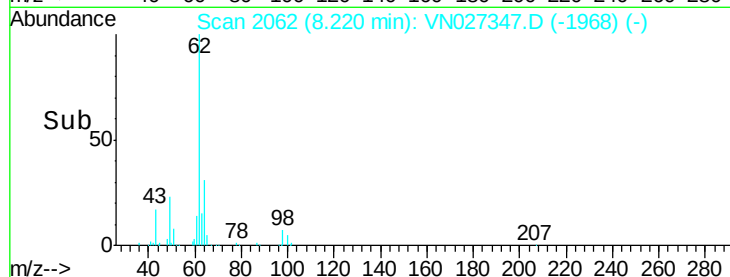
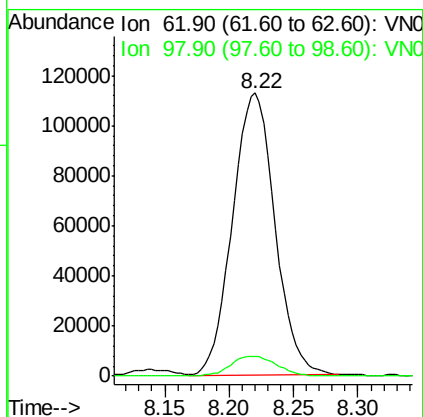
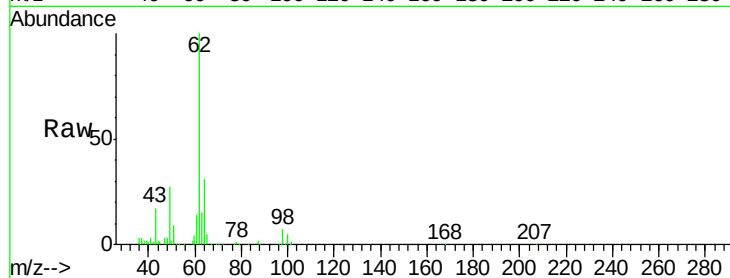




#43
 1,2-Dichloroethane
 Concen: 19.72 ug/l
 RT: 8.22 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

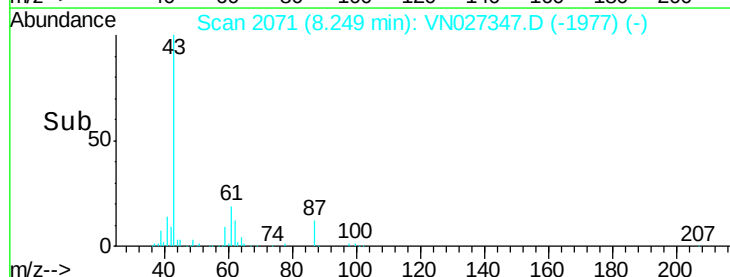
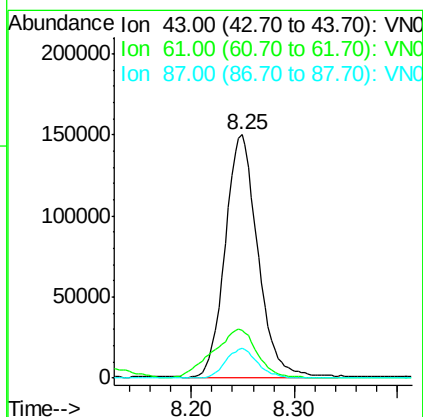
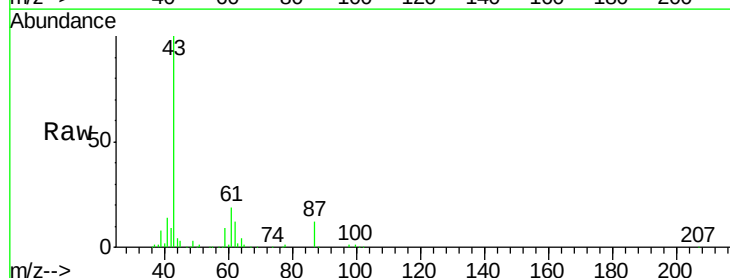
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

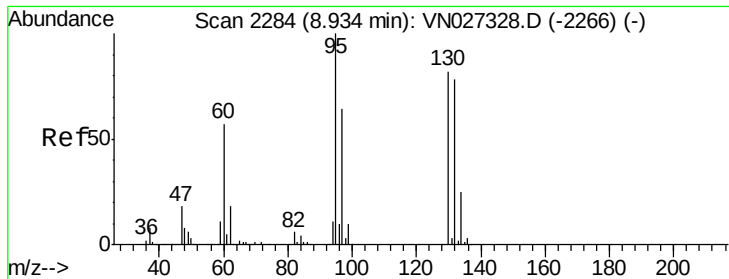
Tgt Ion: 62 Resp: 257736
 Ion Ratio Lower Upper
 62 100
 98 7.8 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 20.27 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 43 Resp: 330454
 Ion Ratio Lower Upper
 43 100
 61 26.6 20.6 31.0
 87 12.0 8.6 13.0





#45

Trichloroethene

Concen: 20.03 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

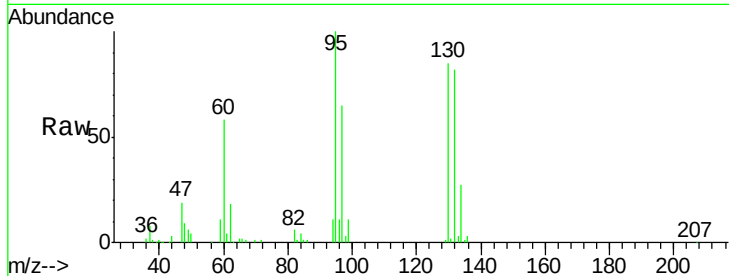
VN0921WBSD02

Tgt Ion:130 Resp: 128695

Ion Ratio Lower Upper

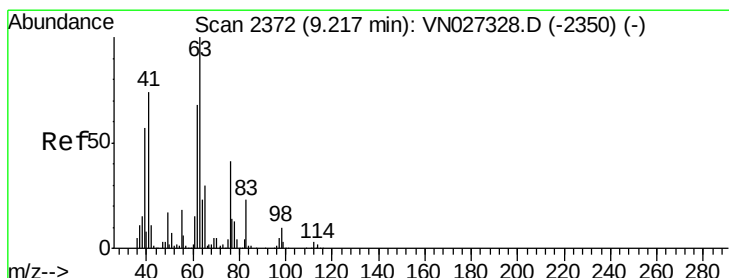
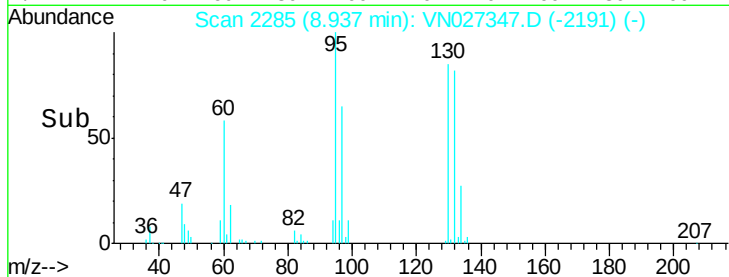
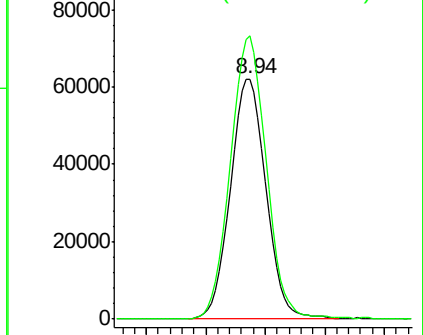
130 100

95 117.9 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: 20.47 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027347.D

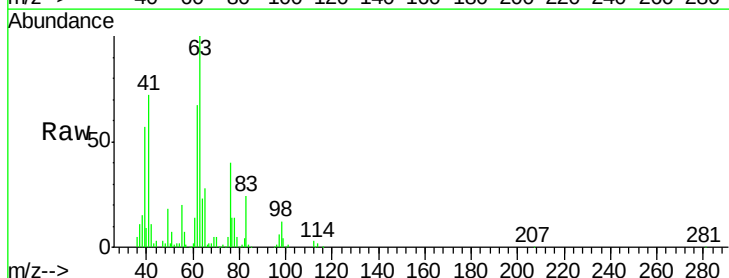
Acq: 21 Sep 2015 23:44

Tgt Ion: 63 Resp: 183676

Ion Ratio Lower Upper

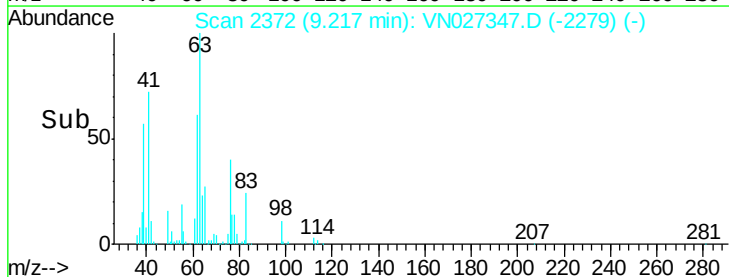
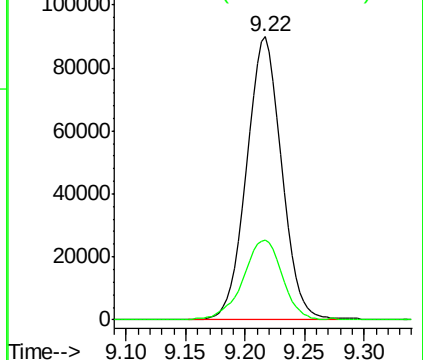
63 100

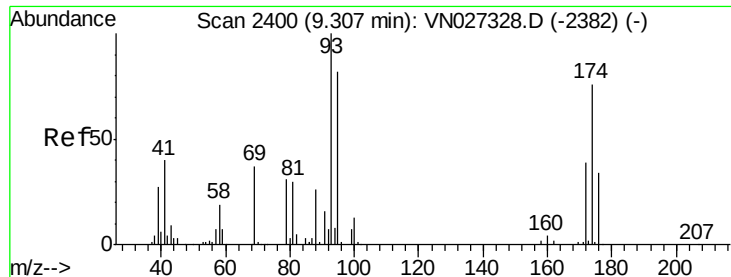
65 28.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

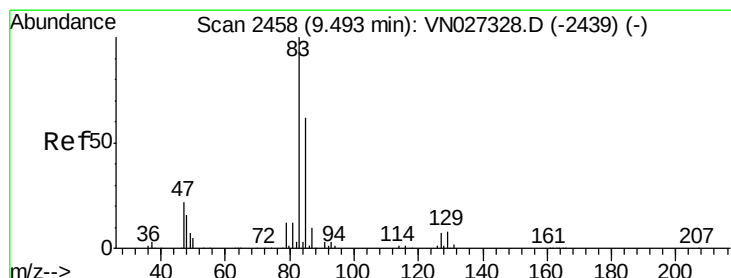
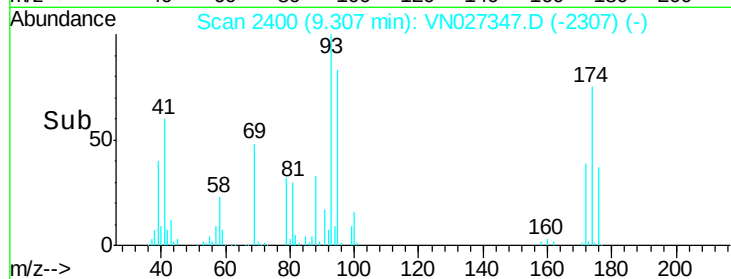
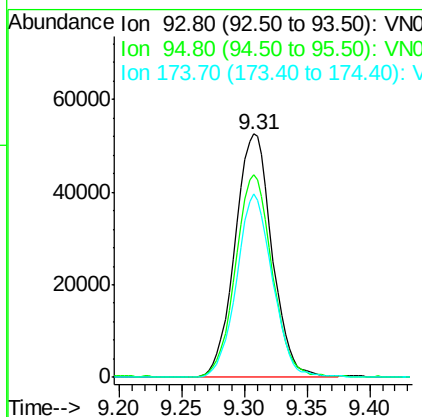
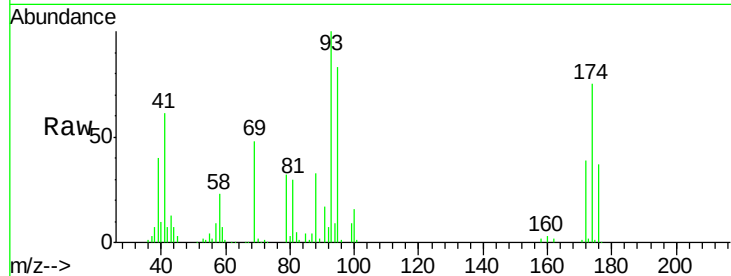




#47
 Dibromomethane
 Concen: 20.04 ug/l
 RT: 9.31 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

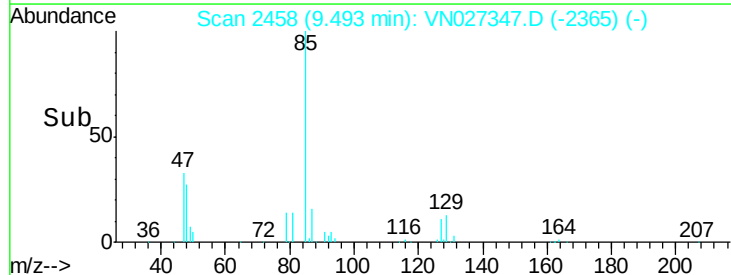
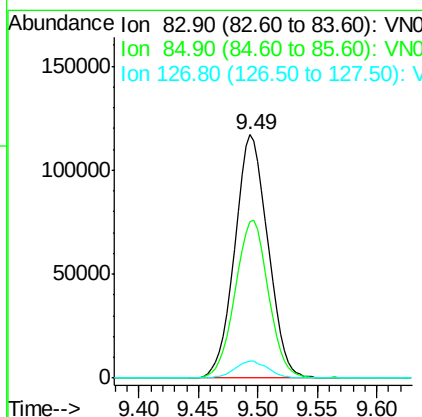
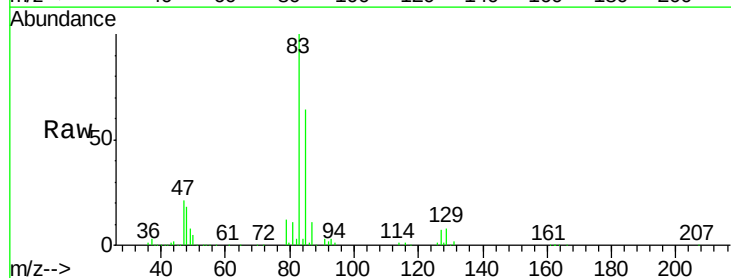
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

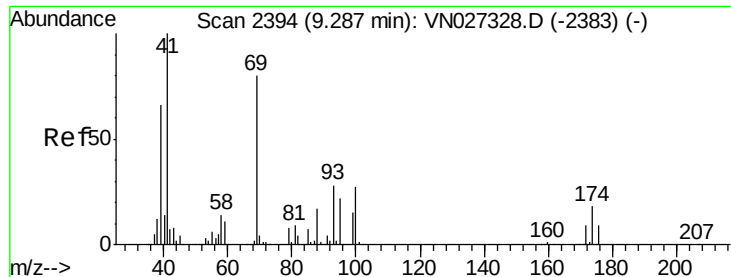
Tgt Ion: 93 Resp: 107927
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.3 99.5
 174 73.0 67.8 101.6



#48
 Bromodichloromethane
 Concen: 19.83 ug/l
 RT: 9.49 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 83 Resp: 226485
 Ion Ratio Lower Upper
 83 100
 85 64.1 50.7 76.1
 127 7.0 5.5 8.3

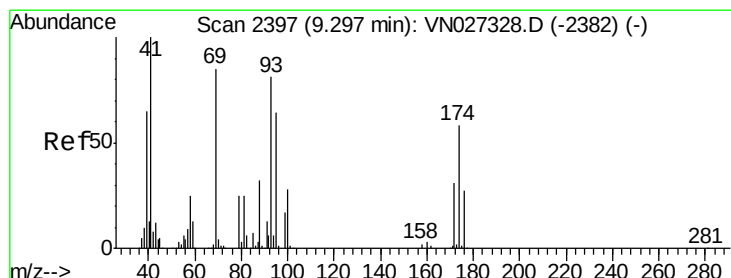
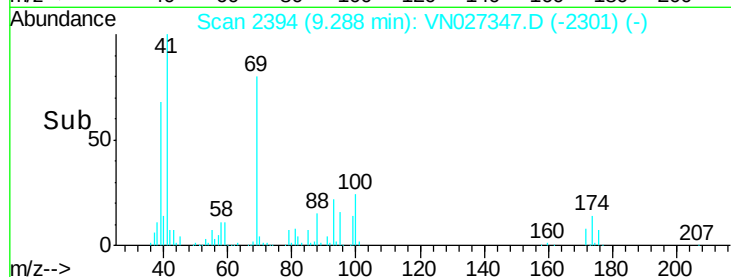
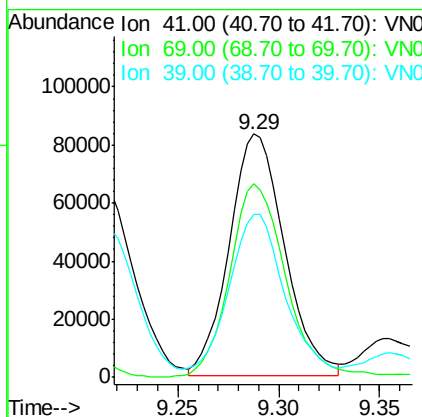
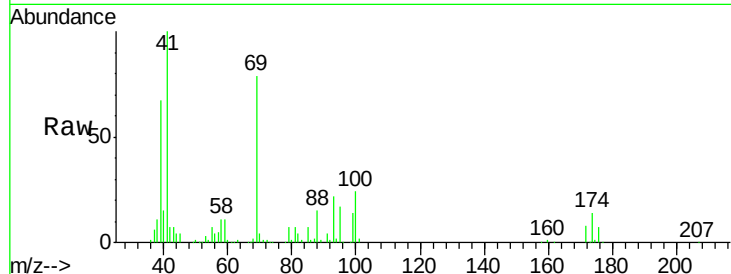




#49
Methyl methacrylate
Concen: 20.74 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

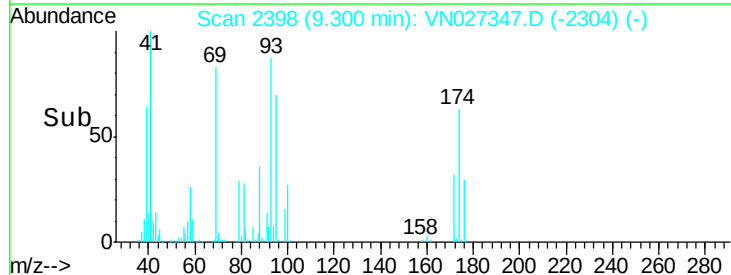
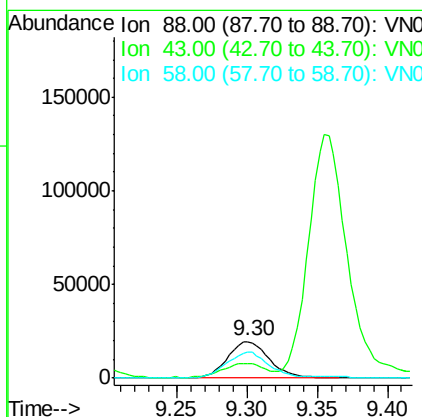
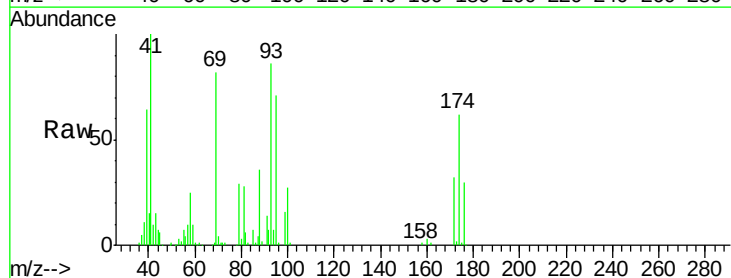
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

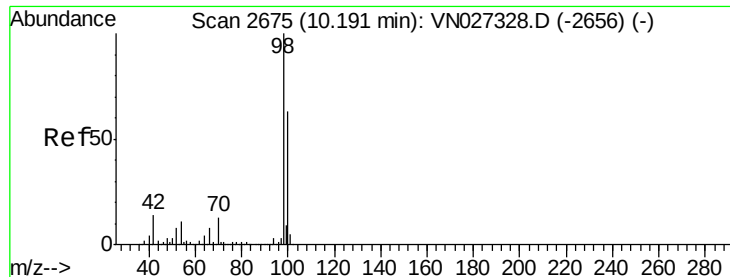
Tgt Ion: 41 Resp: 159143
Ion Ratio Lower Upper
41 100
69 81.0 59.3 88.9
39 68.8 39.5 59.3#



#50
1,4-Dioxane
Concen: 442.06 ug/l
RT: 9.30 min Scan# 2398
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Tgt Ion: 88 Resp: 40943
Ion Ratio Lower Upper
88 100
43 36.7 27.6 41.4
58 71.4 63.1 94.7





#51

Toluene-d8

Concen: 46.77 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

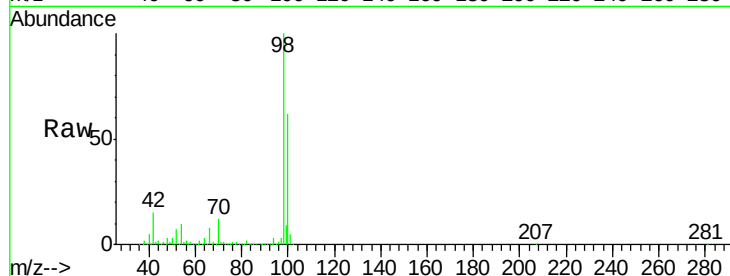
VN0921WBSD02

Tgt Ion: 98 Resp: 1209374

Ion Ratio Lower Upper

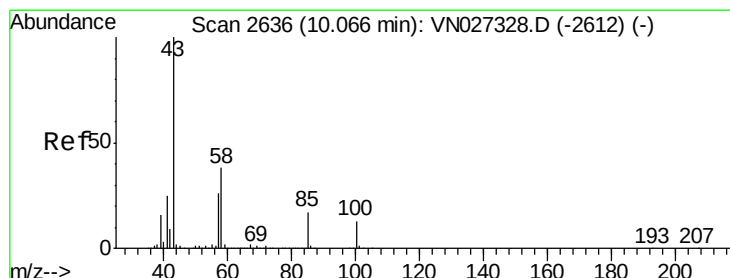
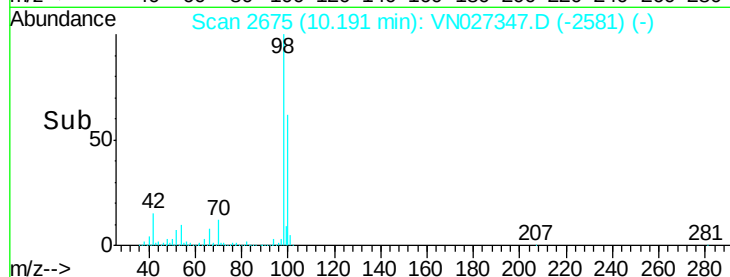
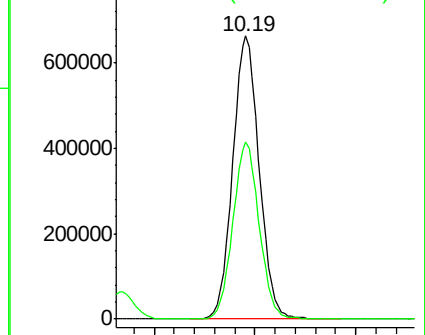
98 100

100 62.1 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 107.25 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027347.D

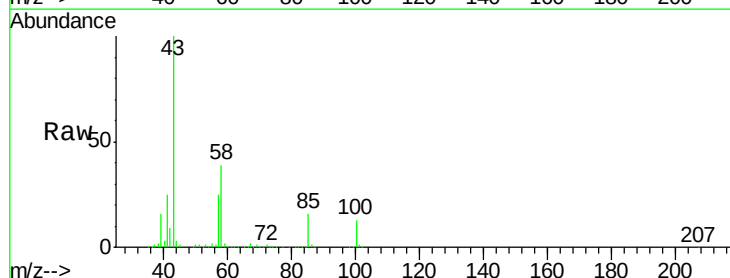
Acq: 21 Sep 2015 23:44

Tgt Ion: 43 Resp: 899462

Ion Ratio Lower Upper

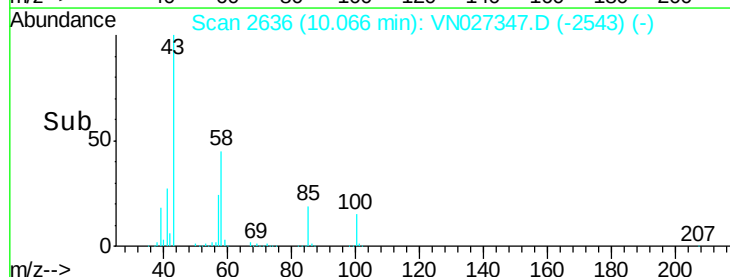
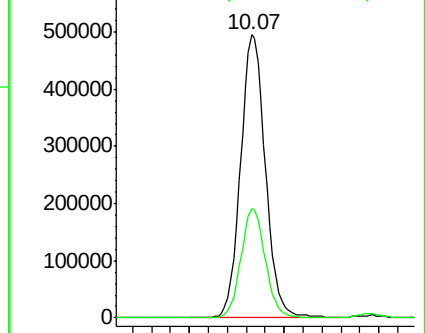
43 100

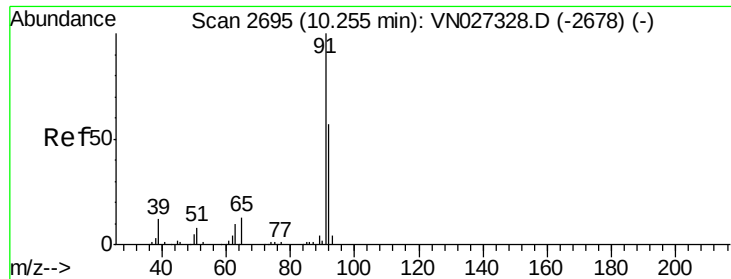
58 38.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 19.82 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

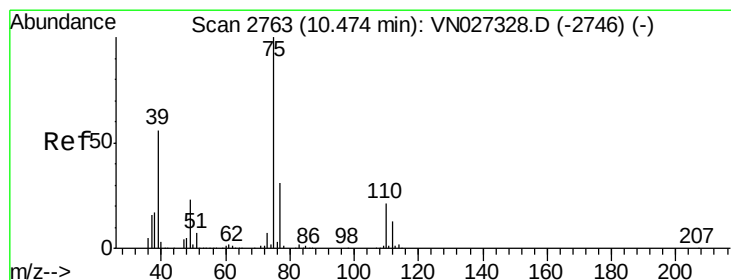
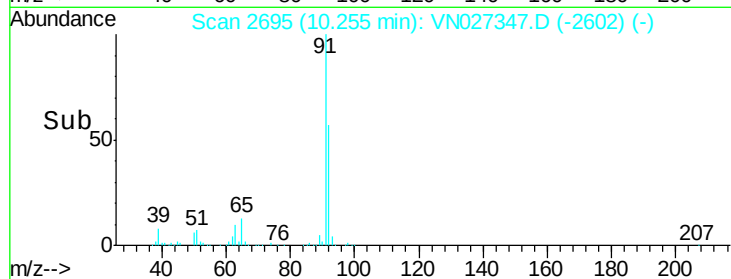
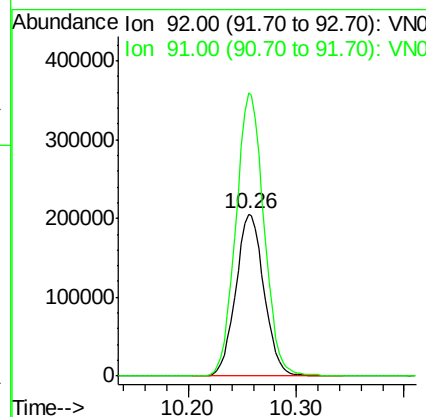
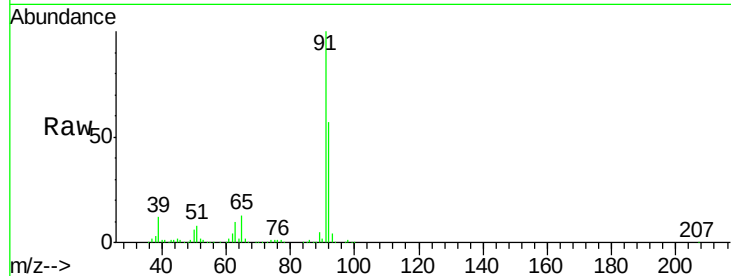
VN0921WBSD02

Tgt Ion: 92 Resp: 375941

Ion Ratio Lower Upper

92 100

91 174.0 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 18.92 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027347.D

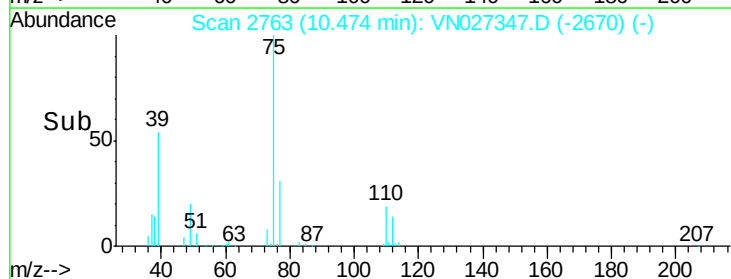
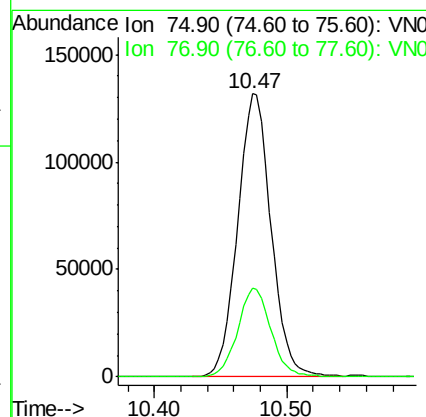
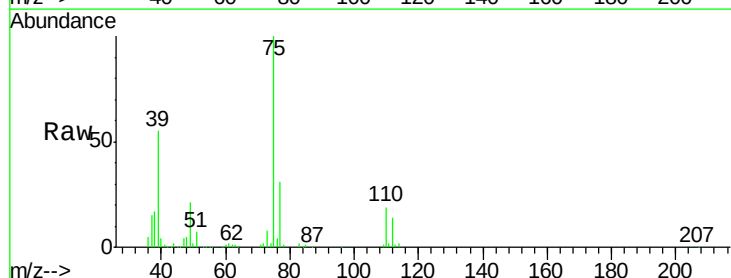
Acq: 21 Sep 2015 23:44

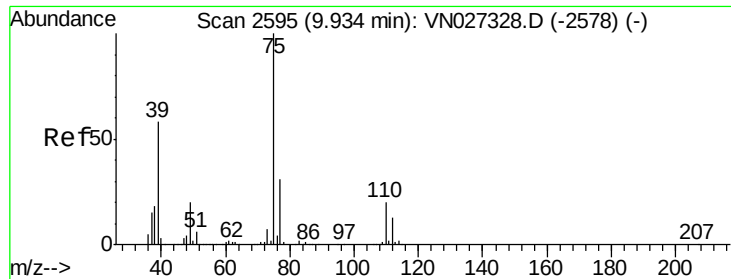
Tgt Ion: 75 Resp: 230739

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 19.19 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

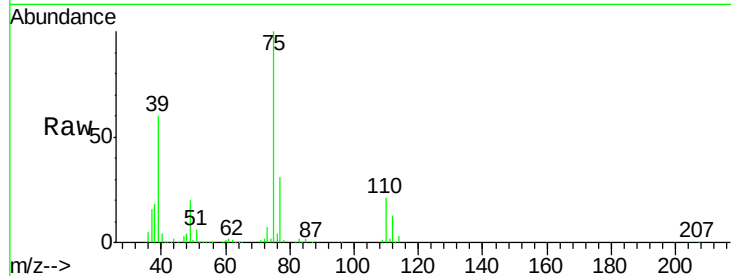
Tgt Ion: 75 Resp: 257016

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

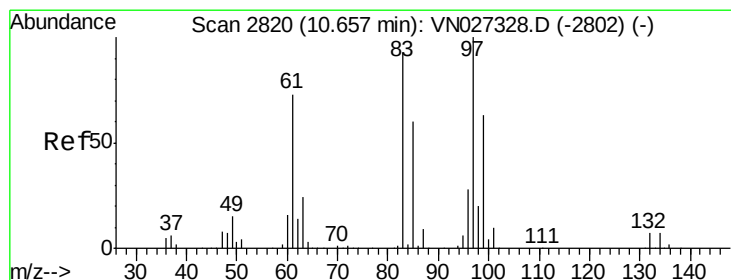
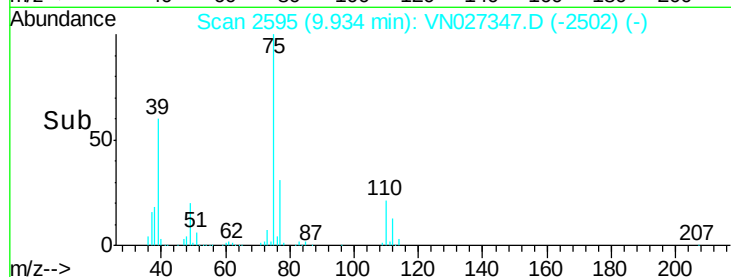
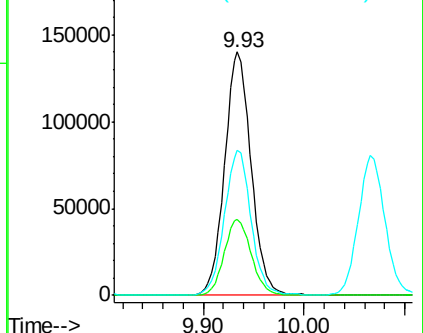
39 59.5 41.6 62.4



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: 20.45 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Tgt Ion: 97 Resp: 144622

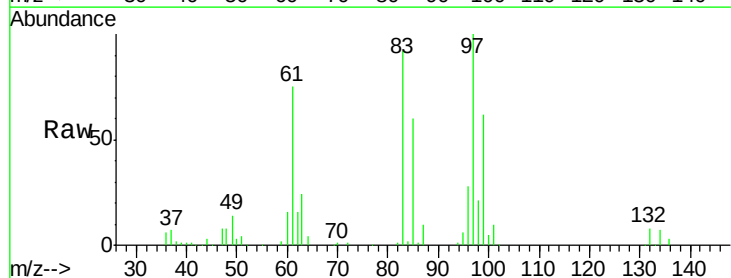
Ion Ratio Lower Upper

97 100

83 91.7 75.0 112.4

85 60.3 48.0 72.0

99 62.0 50.3 75.5

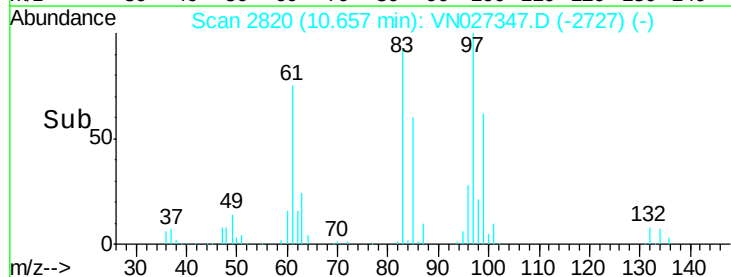
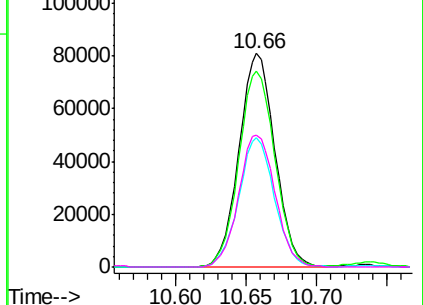


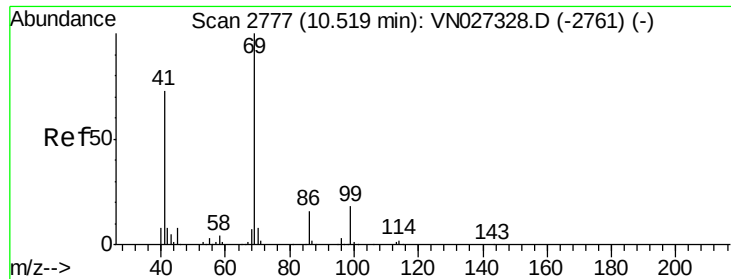
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0





#57

Ethyl methacrylate

Concen: 20.19 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

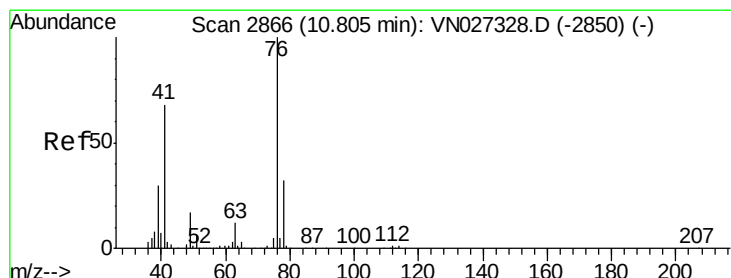
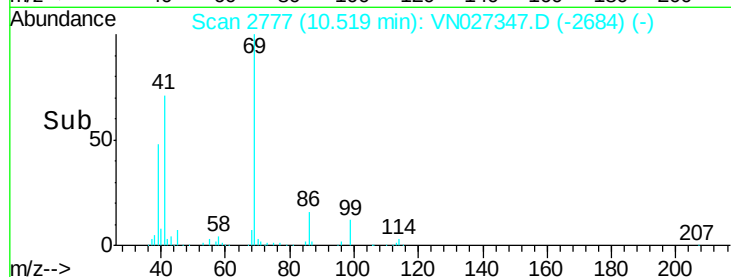
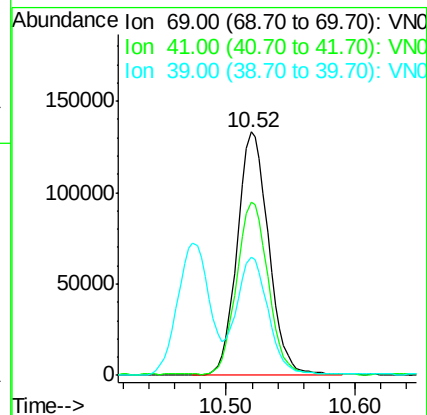
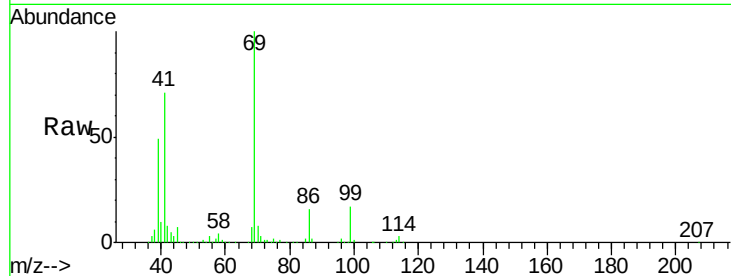
Tgt Ion: 69 Resp: 226617

Ion Ratio Lower Upper

69 100

41 70.4 61.3 91.9

39 48.7 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 20.24 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027347.D

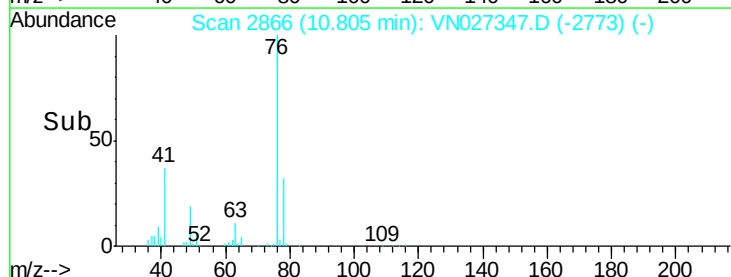
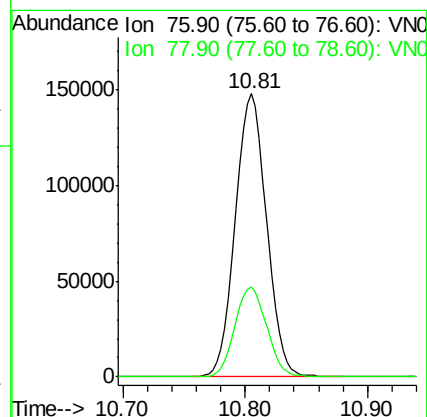
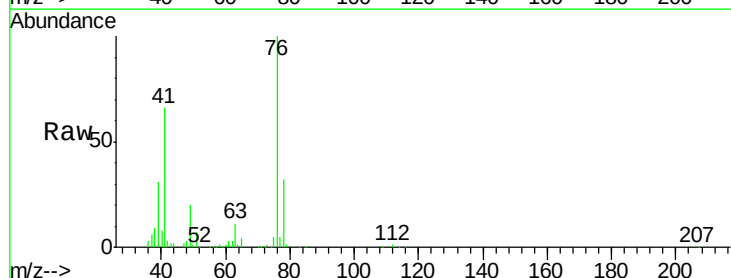
Acq: 21 Sep 2015 23:44

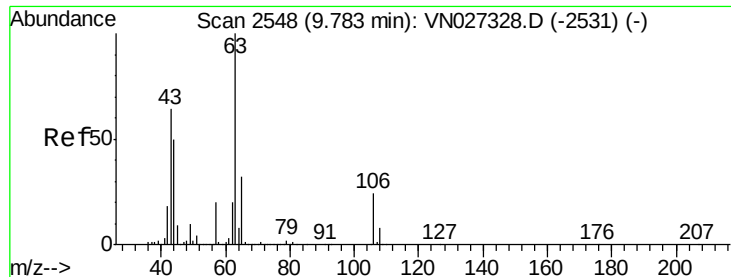
Tgt Ion: 76 Resp: 263920

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6

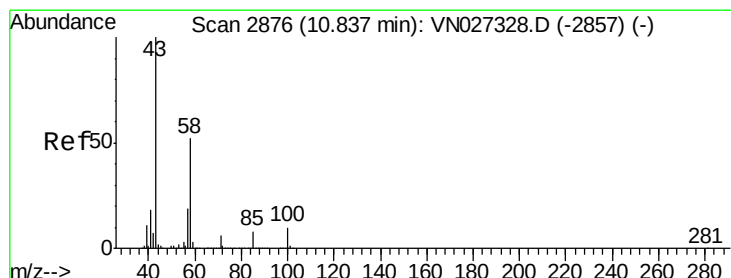
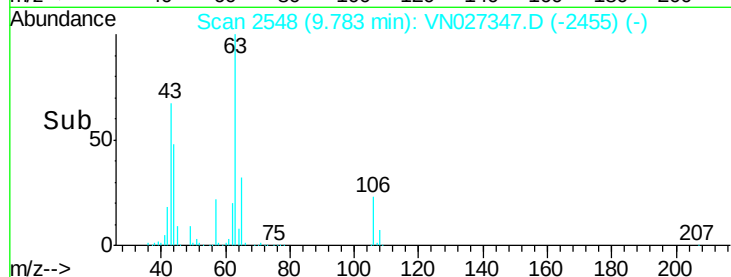
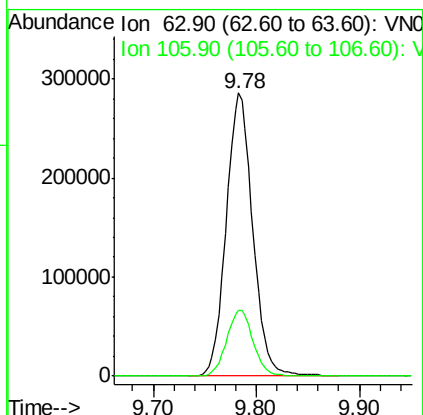
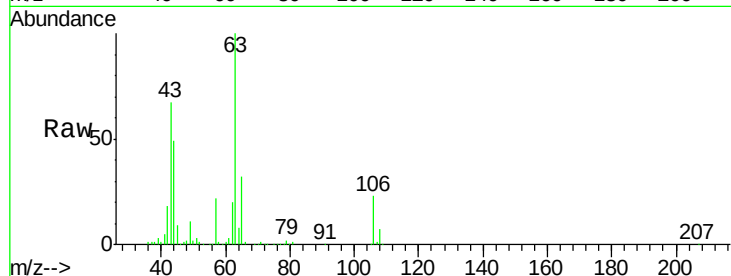




#59
 2-Chloroethyl Vinyl ether
 Concen: 102.93 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

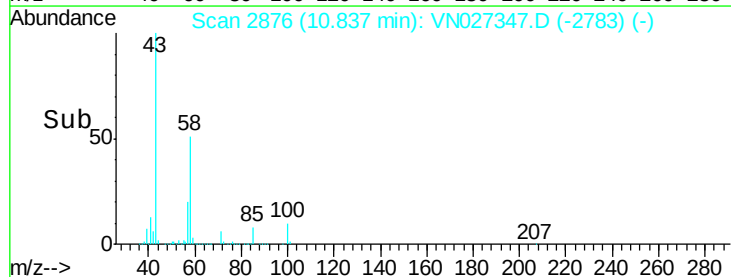
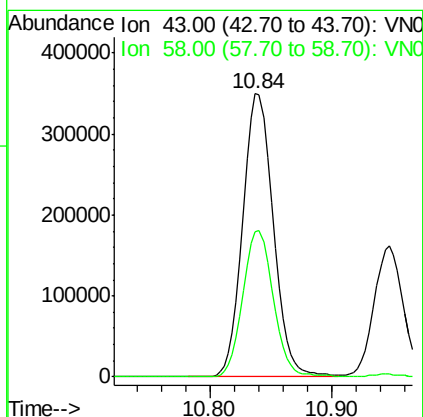
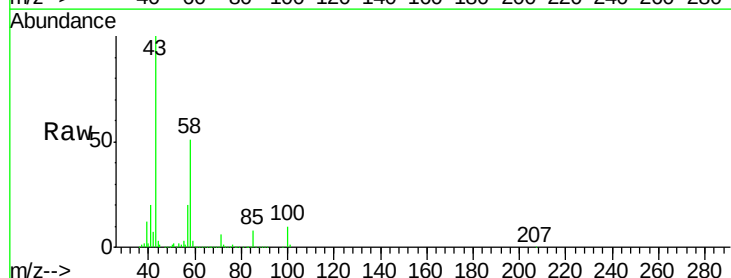
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

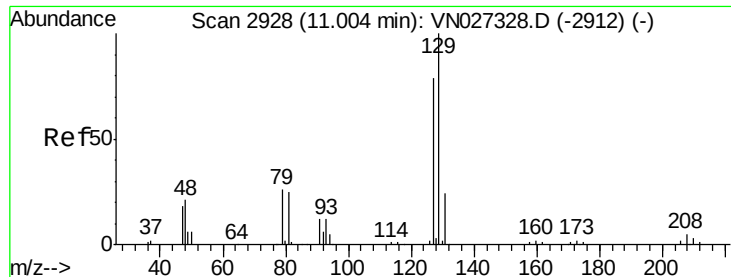
Tgt Ion: 63 Resp: 512080
 Ion Ratio Lower Upper
 63 100
 106 23.3 17.7 26.5



#60
 2-Hexanone
 Concen: 105.49 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 43 Resp: 601237
 Ion Ratio Lower Upper
 43 100
 58 51.9 26.2 78.5

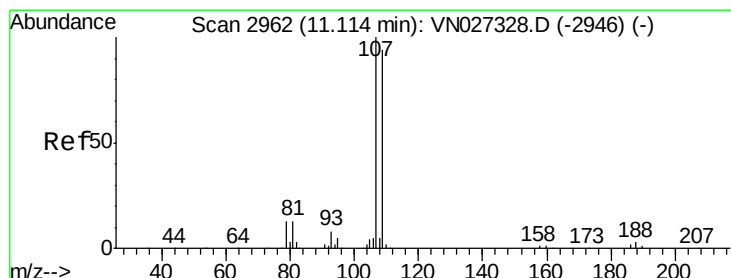
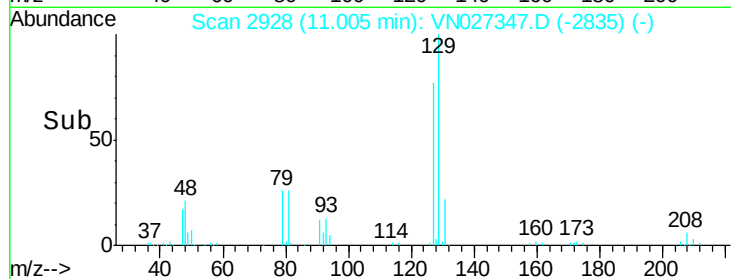
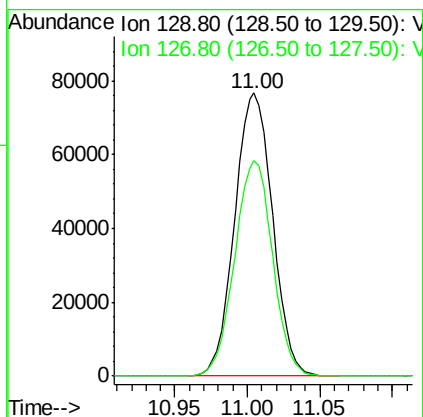
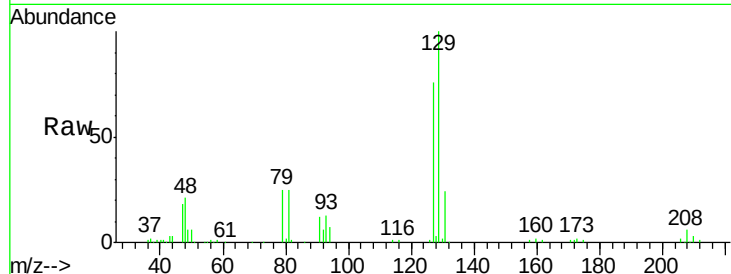




#61
 Dibromochloromethane
 Concen: 20.09 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

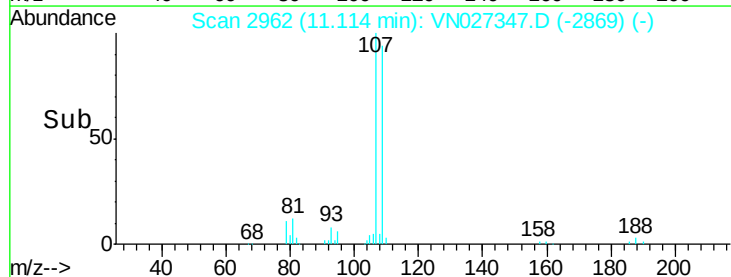
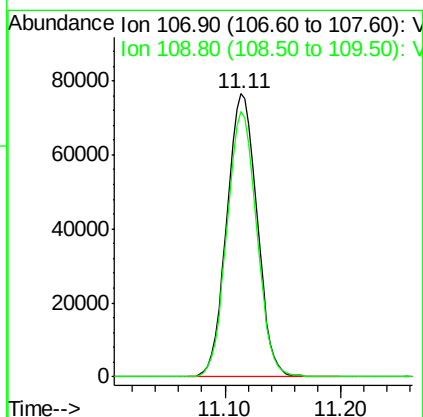
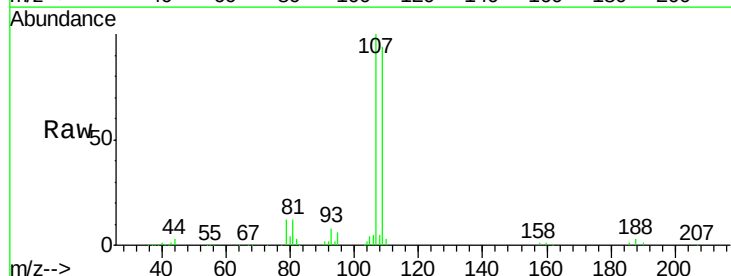
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

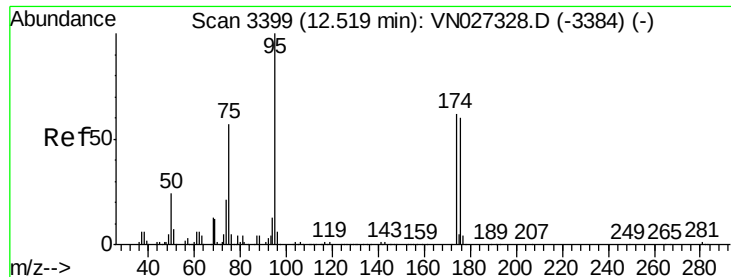
Tgt Ion:129 Resp: 139198
 Ion Ratio Lower Upper
 129 100
 127 76.3 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 20.50 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion:107 Resp: 137918
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.6 113.4

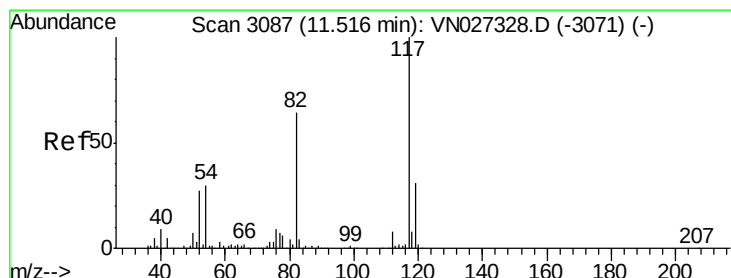
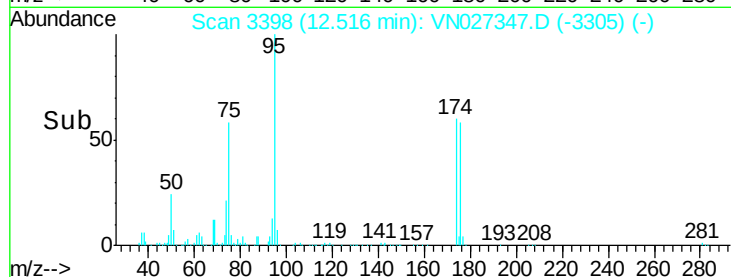
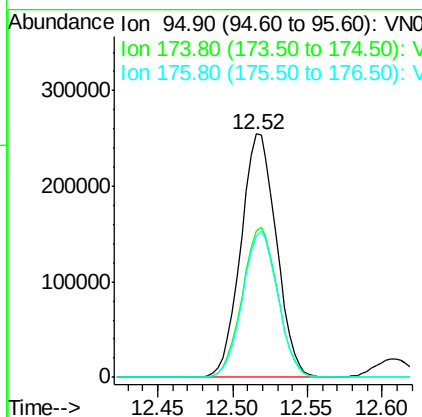
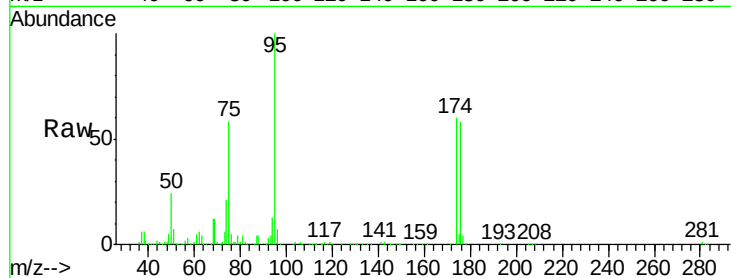




#63
 4-Bromofluorobenzene
 Concen: 45.03 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. -0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

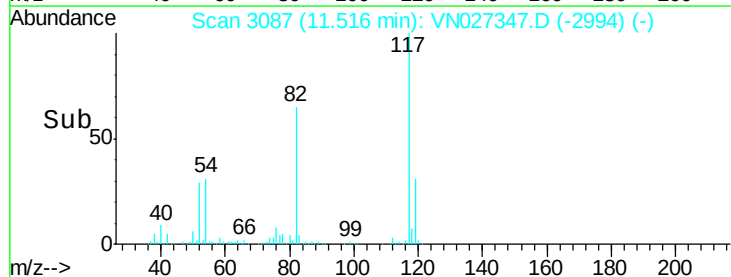
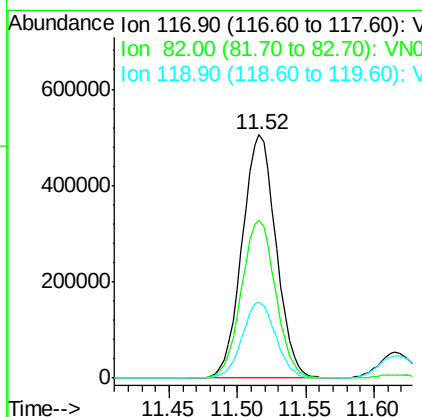
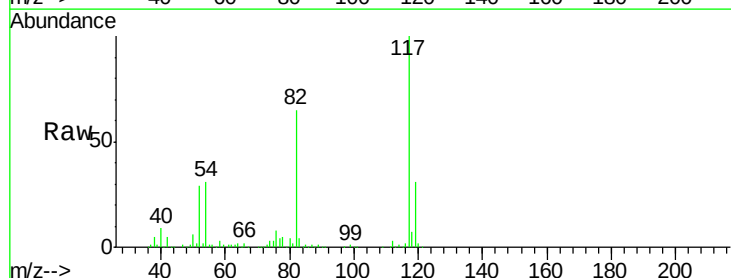
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

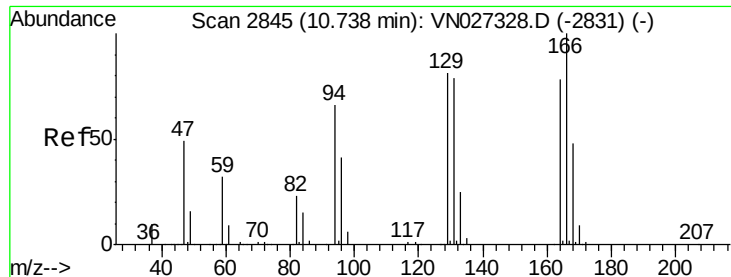
Tgt Ion: 95 Resp: 423042
 Ion Ratio Lower Upper
 95 100
 174 61.2 0.0 137.0
 176 59.1 0.0 130.8



#64
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 117 Resp: 872515
 Ion Ratio Lower Upper
 117 100
 82 65.1 49.6 74.4
 119 31.3 24.6 36.8





#65

Tetrachloroethene

Concen: 20.00 ug/l

RT: 10.74 min Scan# 2846

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

Tgt Ion:164 Resp: 103885

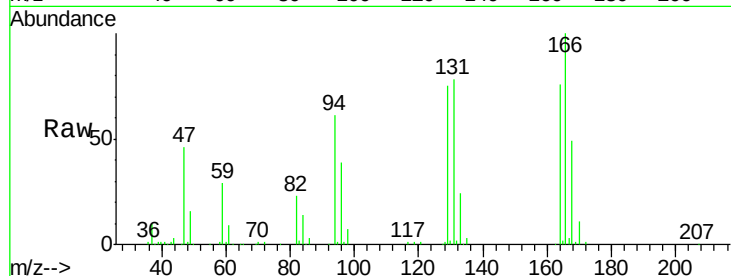
Ion Ratio Lower Upper

164 100

166 131.1 103.4 155.0

129 98.8 77.5 116.3

131 102.6 74.2 111.4

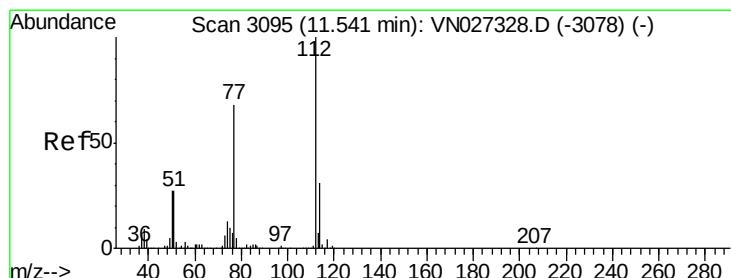
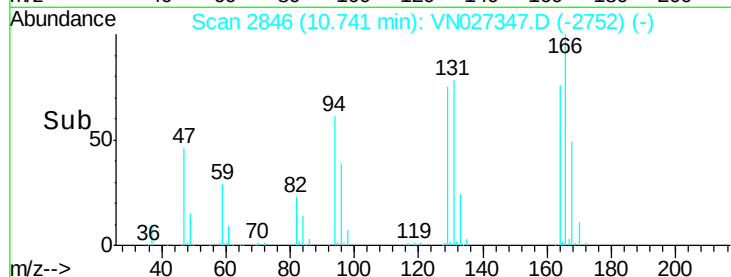
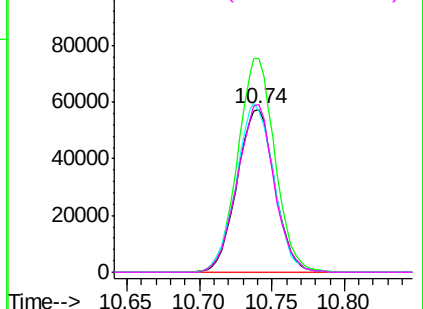


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#66

Chlorobenzene

Concen: 19.90 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027347.D

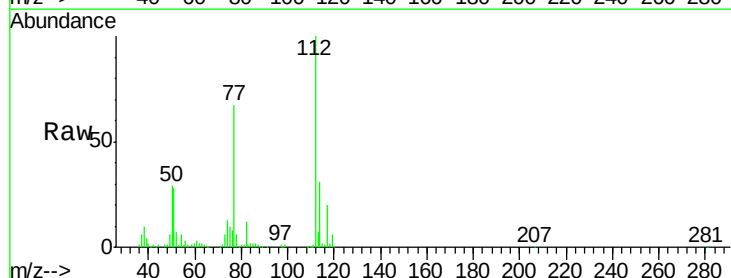
Acq: 21 Sep 2015 23:44

Tgt Ion:112 Resp: 372184

Ion Ratio Lower Upper

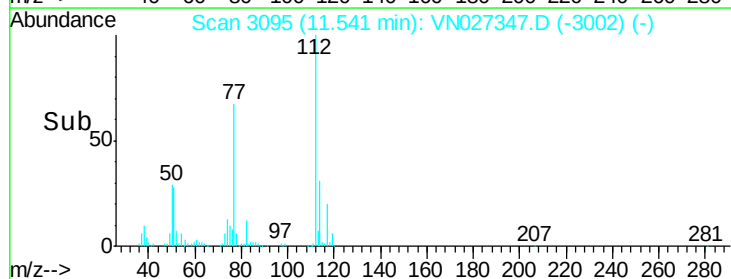
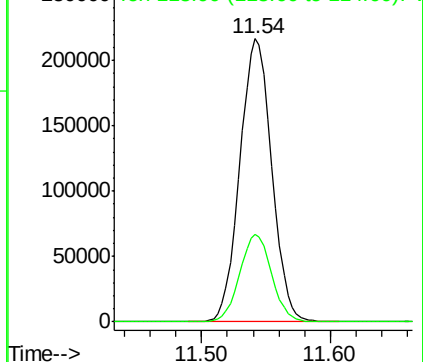
112 100

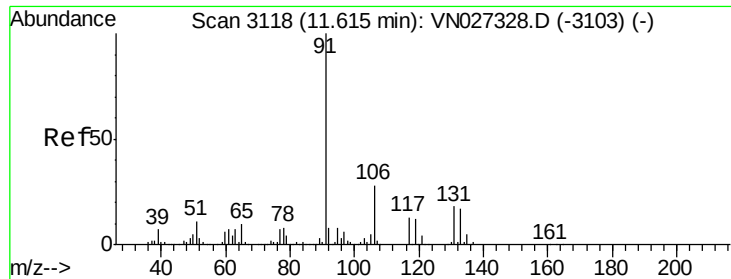
114 31.0 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

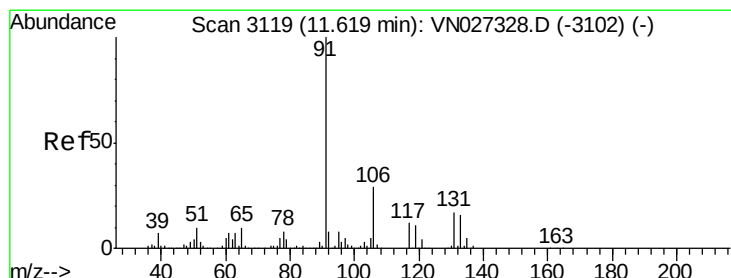
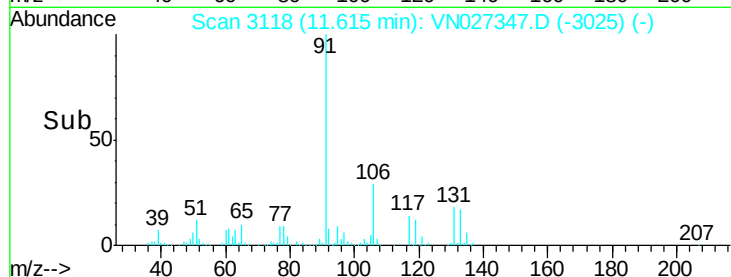
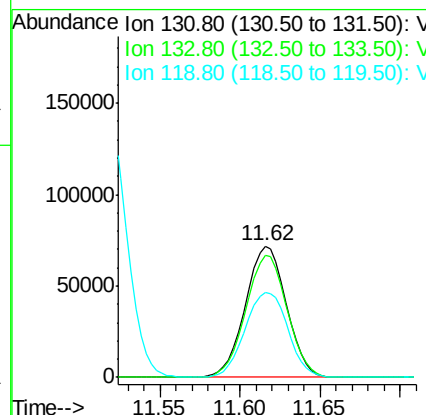
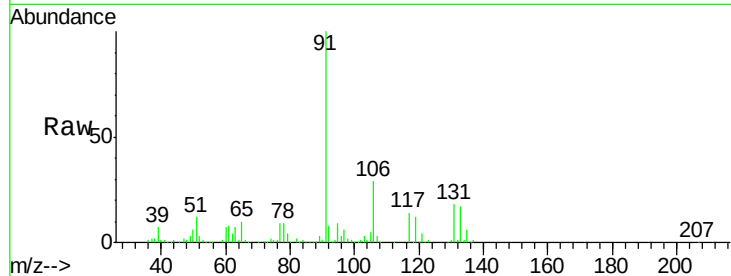




#67
 1,1,1,2-Tetrachloroethane
 Concen: 19.98 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

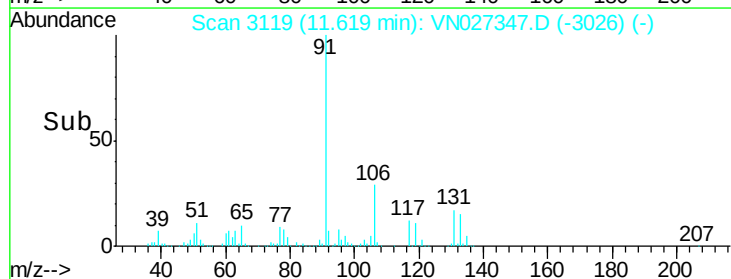
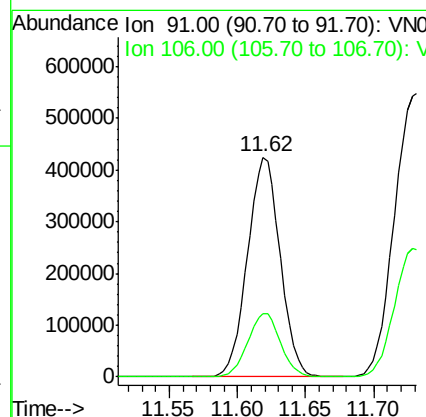
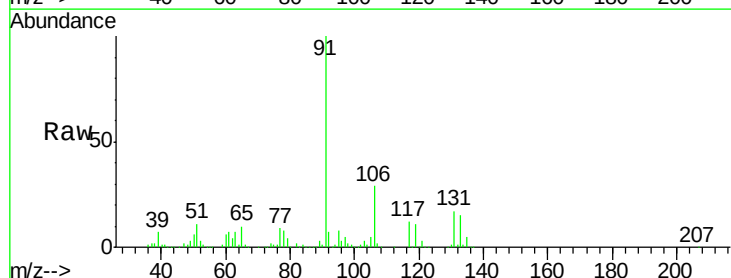
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

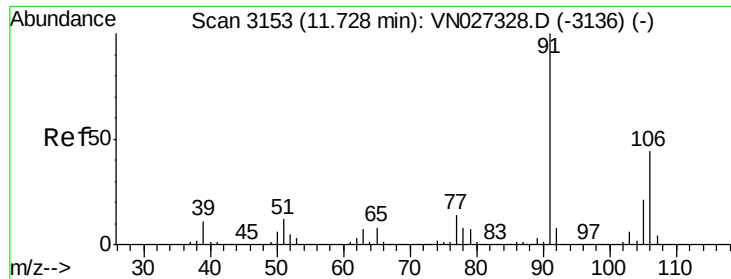
Tgt Ion:131 Resp: 125430
 Ion Ratio Lower Upper
 131 100
 133 93.6 47.0 141.2
 119 67.6 35.1 105.5



#68
 Ethyl Benzene
 Concen: 19.99 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 91 Resp: 705525
 Ion Ratio Lower Upper
 91 100
 106 29.1 23.1 34.7





#69

m/p-Xylenes

Concen: 39.65 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampled :

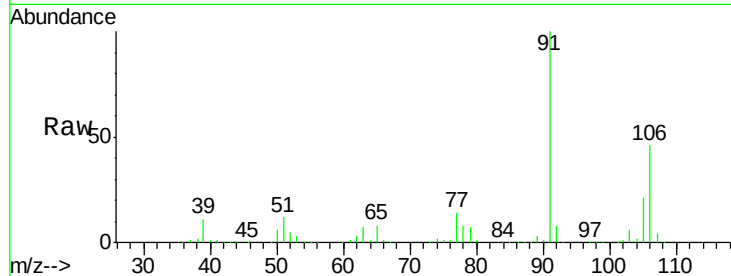
VN0921WBSD02

Tgt Ion:106 Resp: 485043

Ion Ratio Lower Upper

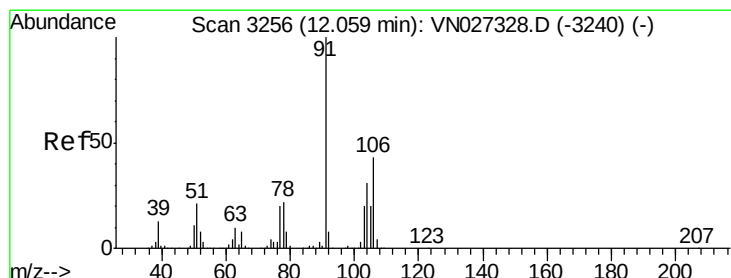
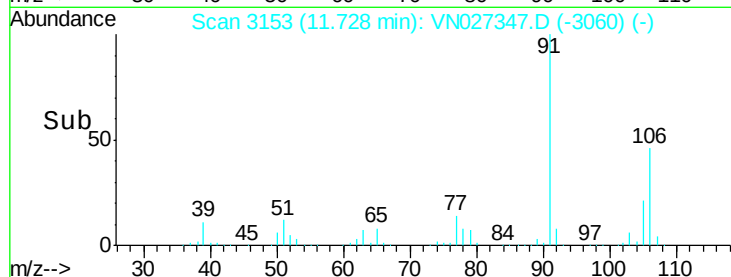
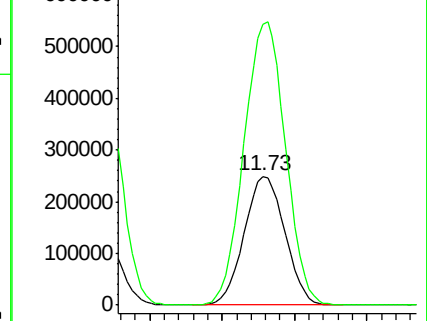
106 100

91 224.2 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 19.85 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN027347.D

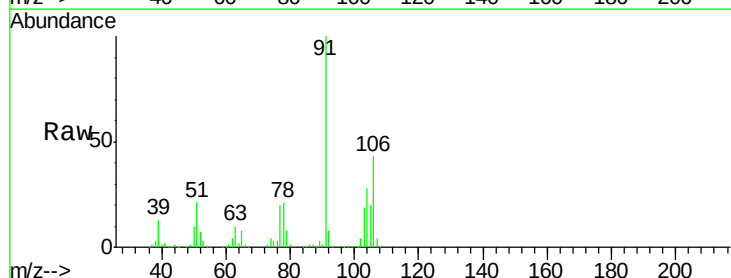
Acq: 21 Sep 2015 23:44

Tgt Ion:106 Resp: 245396

Ion Ratio Lower Upper

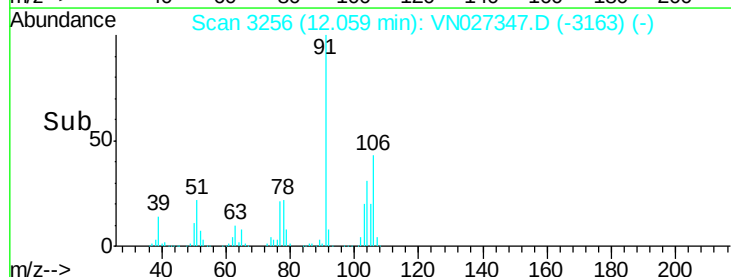
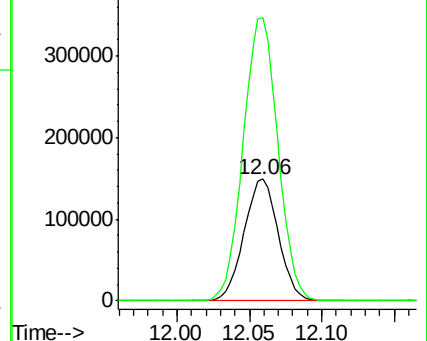
106 100

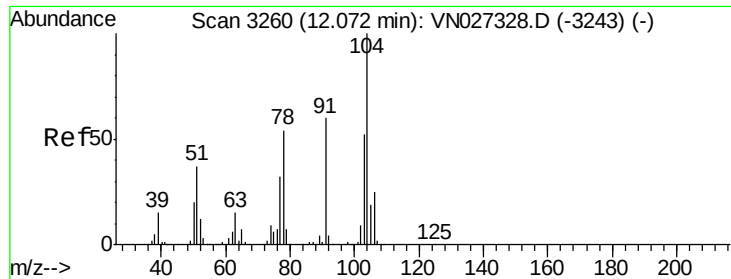
91 235.7 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

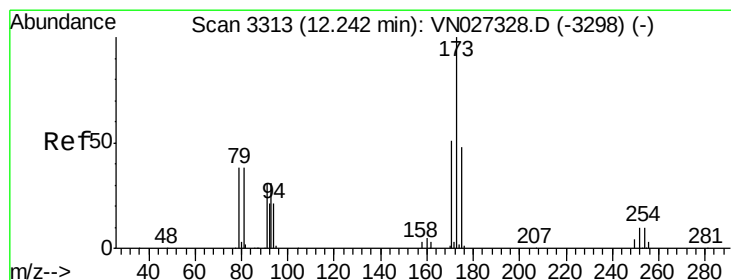
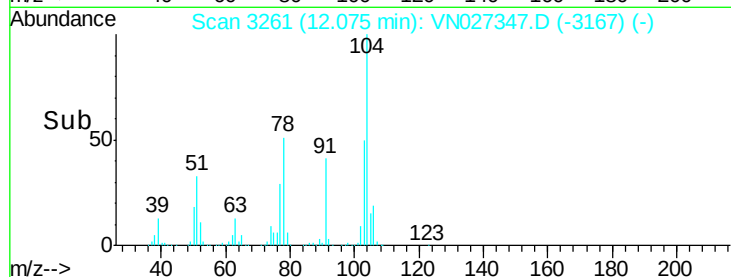
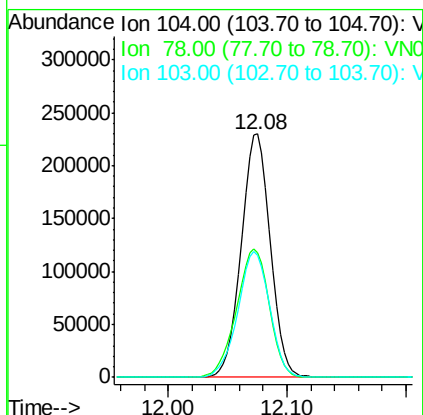
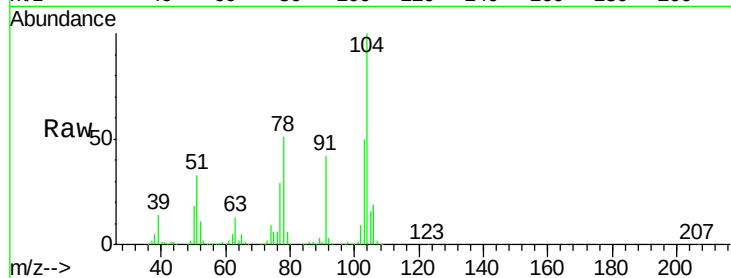




#71
Styrene
Concen: 19.79 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

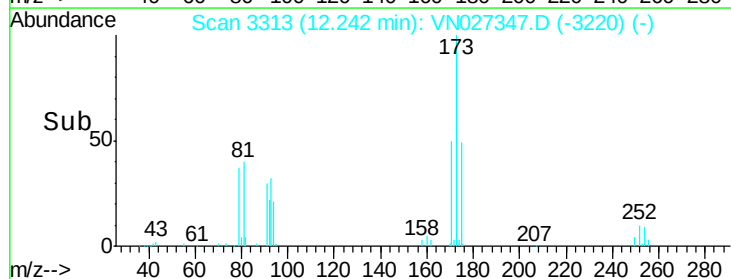
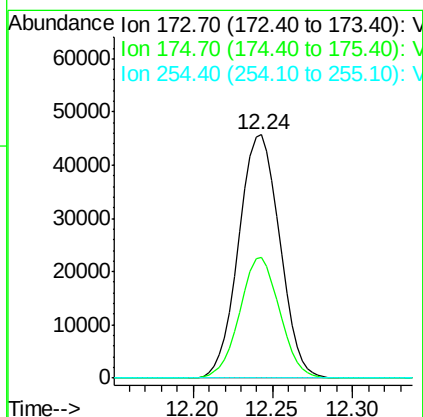
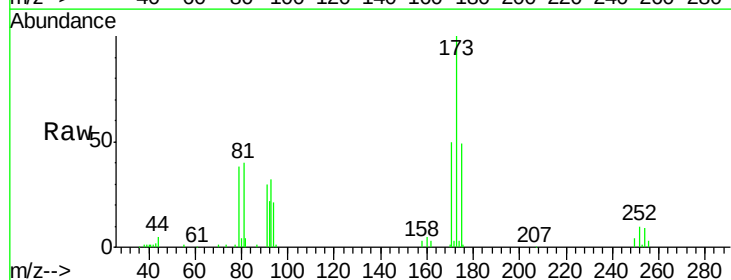
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

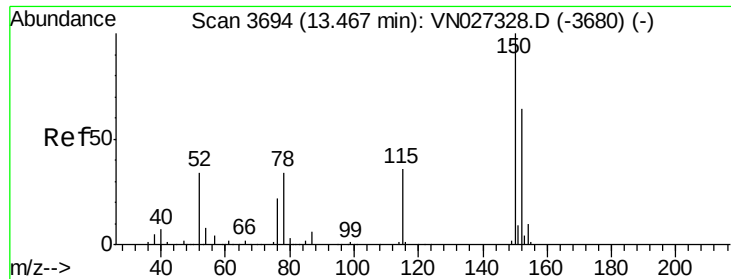
Tgt Ion:104 Resp: 389444
Ion Ratio Lower Upper
104 100
78 59.4 41.6 62.4
103 56.5 44.2 66.2



#72
Bromoform
Concen: 19.03 ug/l
RT: 12.24 min Scan# 3313
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Tgt Ion:173 Resp: 80144
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.4
254 0.0 0.1 0.1#





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

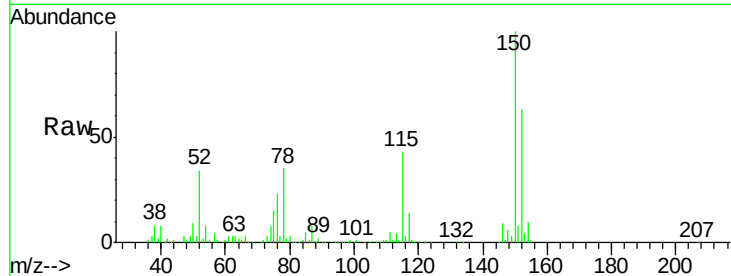
Tgt Ion:152 Resp: 328569

Ion Ratio Lower Upper

152 100

115 68.4 30.8 92.3

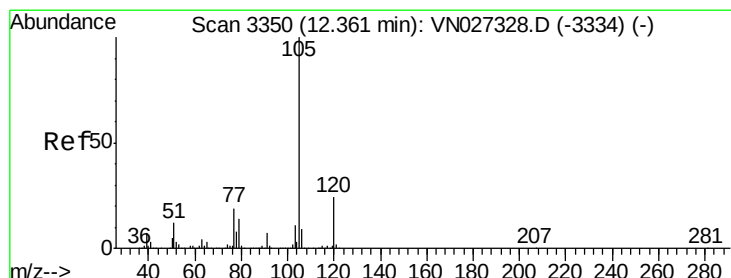
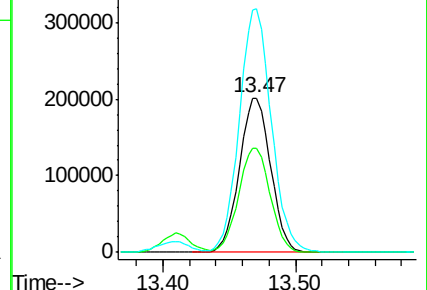
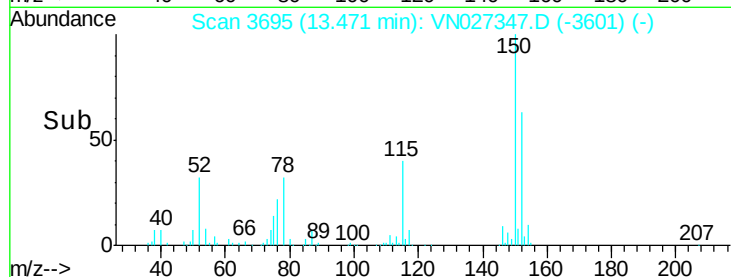
150 161.8 0.0 345.0



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: 19.89 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027347.D

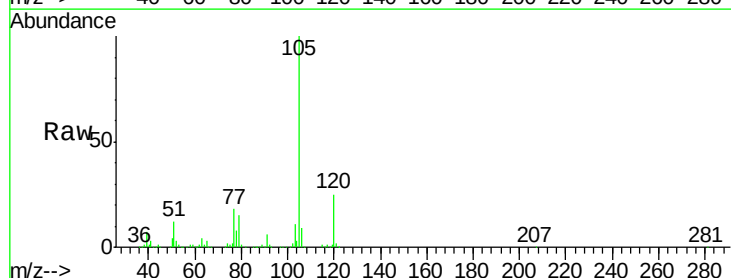
Acq: 21 Sep 2015 23:44

Tgt Ion:105 Resp: 654641

Ion Ratio Lower Upper

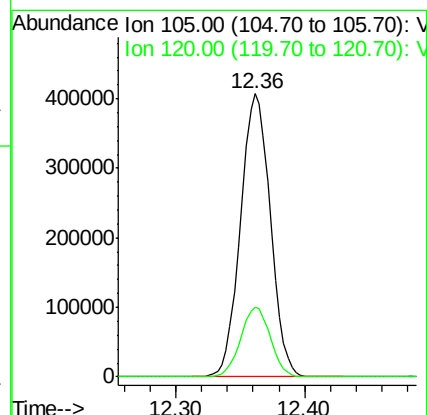
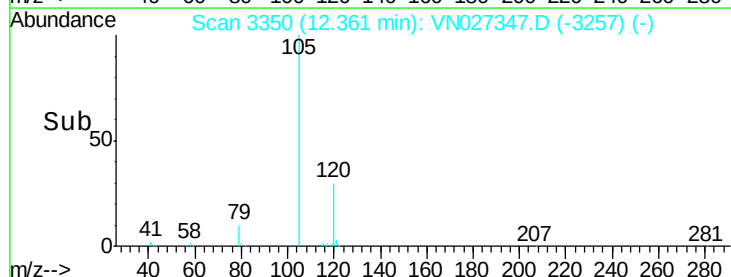
105 100

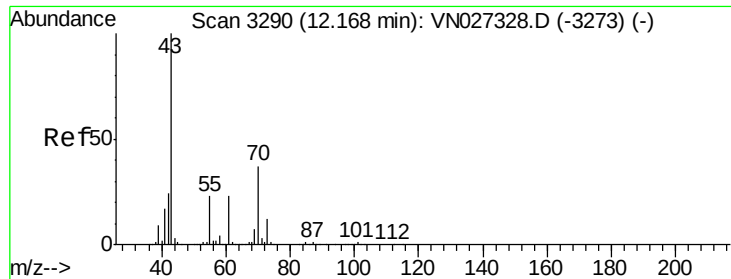
120 24.6 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 20.79 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleID :

VN0921WBSD02

Tgt Ion: 43 Resp: 271530

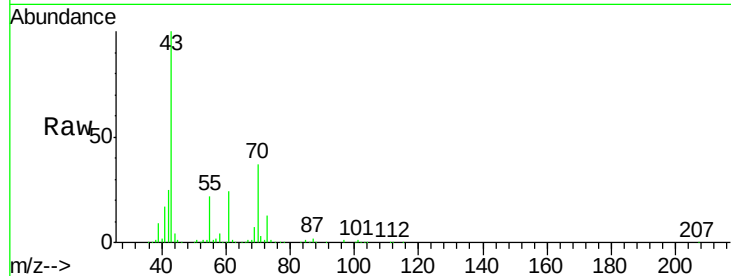
Ion Ratio Lower Upper

43 100

70 37.1 29.8 44.8

55 23.1 19.4 29.0

61 23.4 18.2 27.2

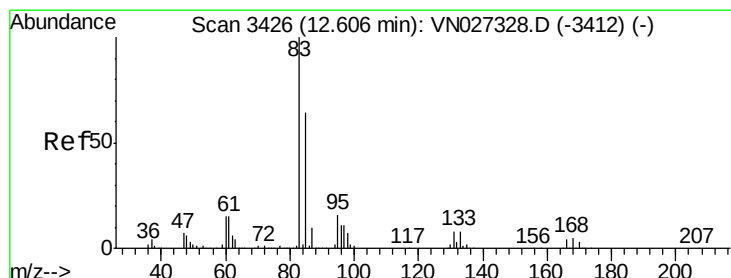
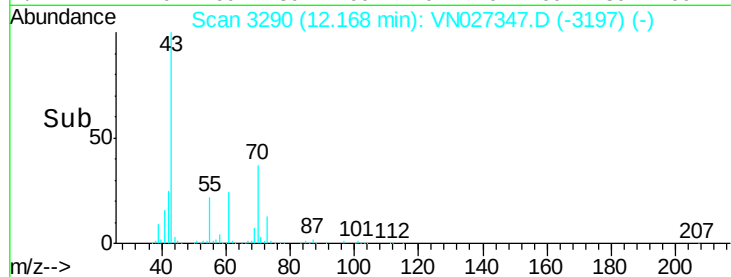
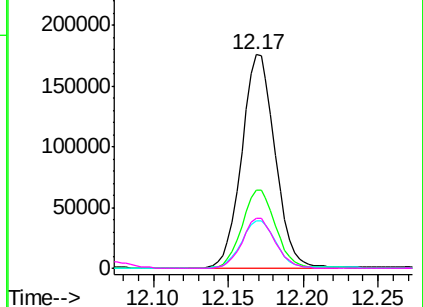


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,1,2,2-Tetrachloroethane

Concen: 20.64 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

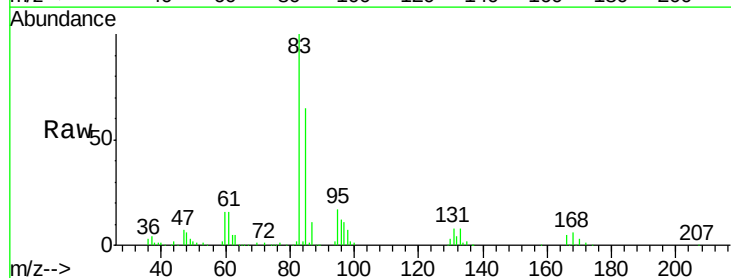
Tgt Ion: 83 Resp: 191206

Ion Ratio Lower Upper

83 100

131 8.4 4.1 12.3

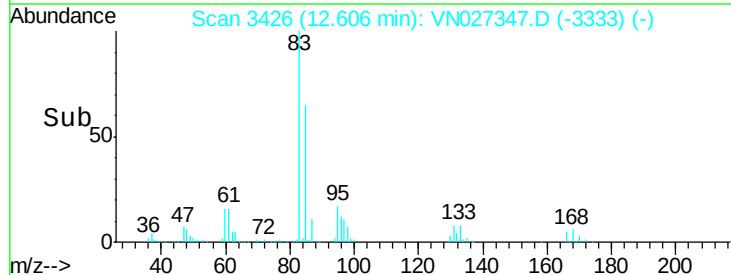
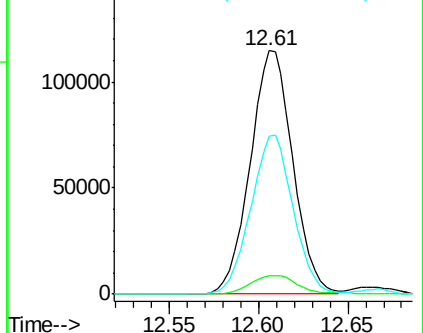
85 64.8 31.9 95.7

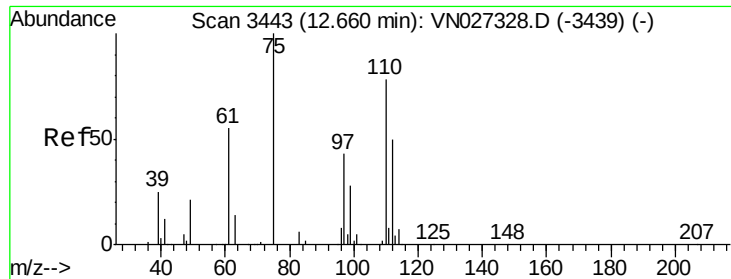


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 31.06 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

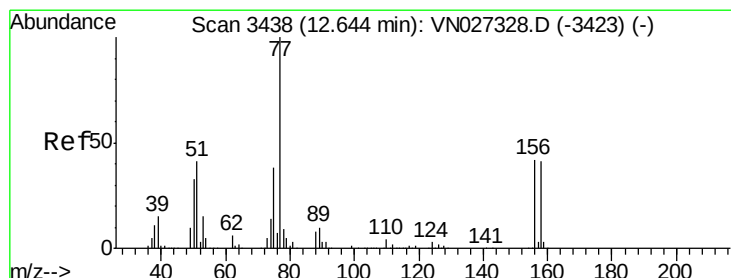
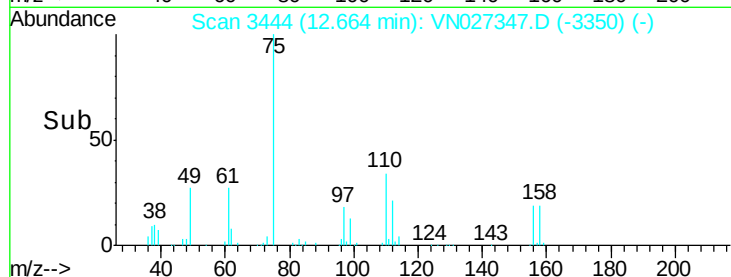
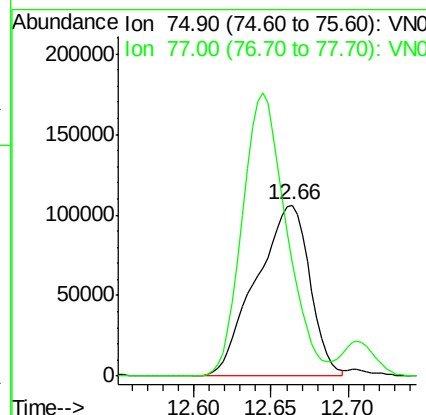
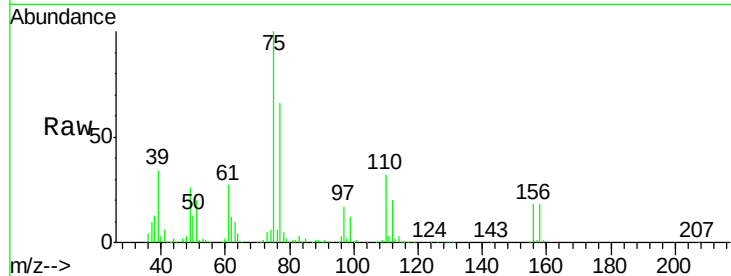
VN0921WBSD02

Tgt Ion: 75 Resp: 256228

Ion Ratio Lower Upper

75 100

77 135.7 103.1 309.3



#78

Bromobenzene

Concen: 19.93 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

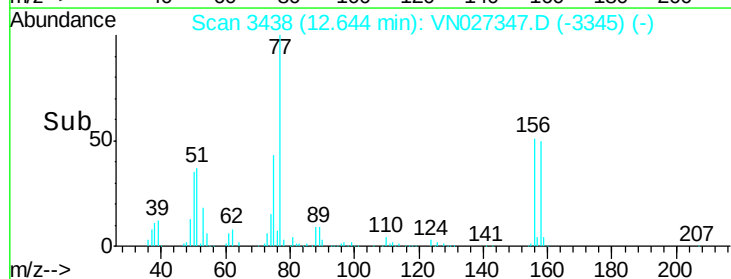
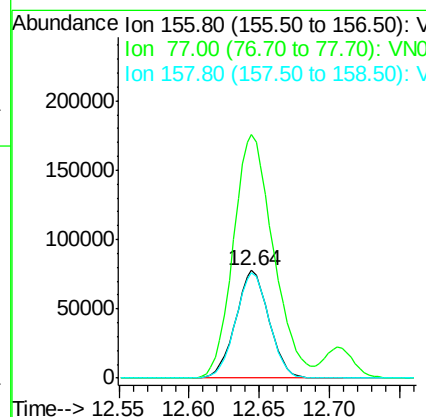
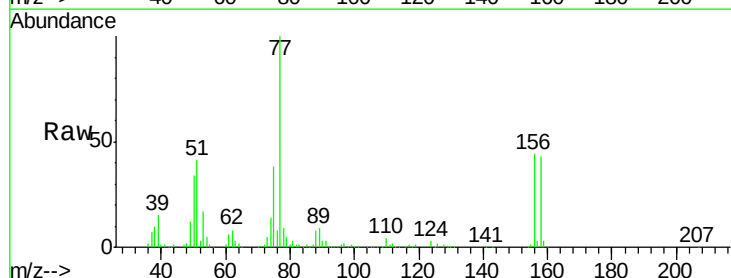
Tgt Ion: 156 Resp: 128394

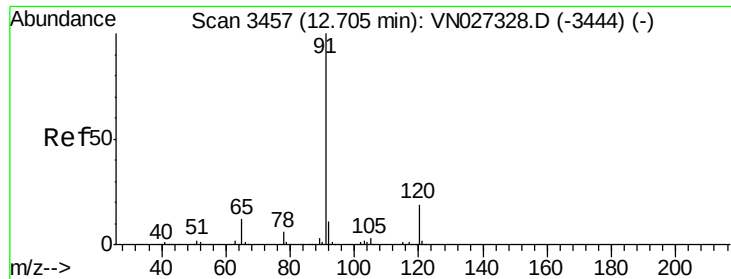
Ion Ratio Lower Upper

156 100

77 270.8 127.3 381.9

158 98.1 48.0 144.2





#79

n-propylbenzene

Concen: 19.47 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleID :

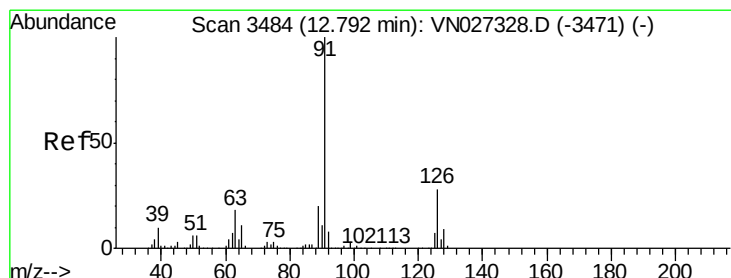
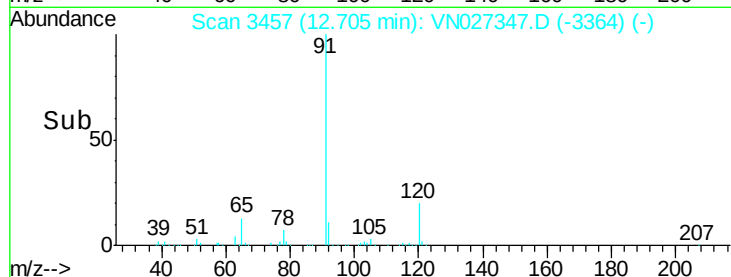
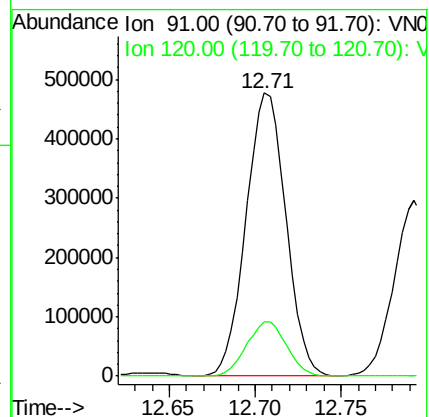
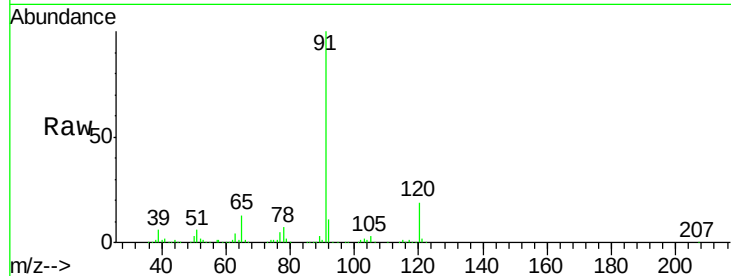
VN0921WBSD02

Tgt Ion: 91 Resp: 764180

Ion Ratio Lower Upper

91 100

120 19.5 10.3 30.8



#80

2-Chlorotoluene

Concen: 19.77 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027347.D

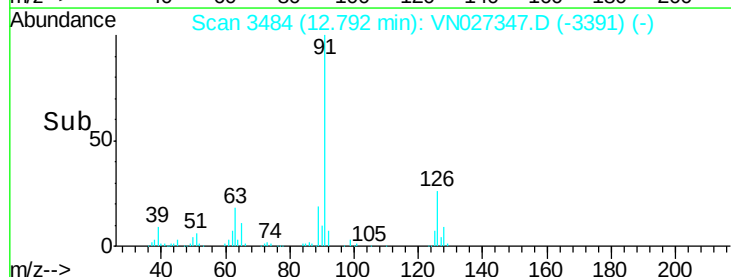
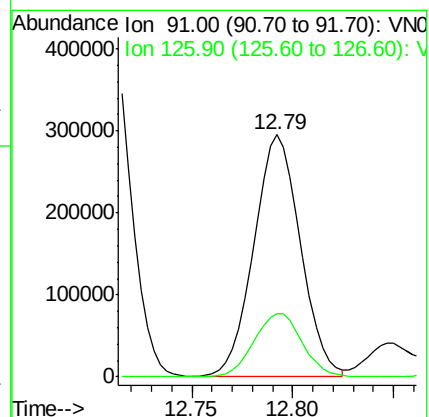
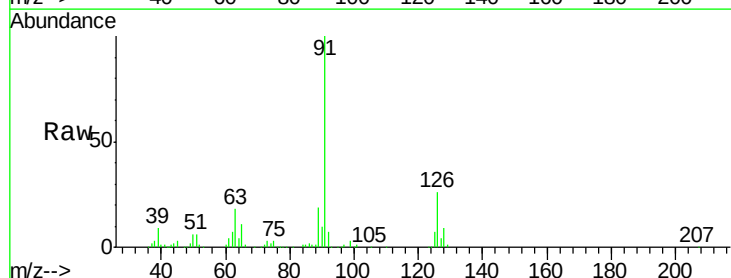
Acq: 21 Sep 2015 23:44

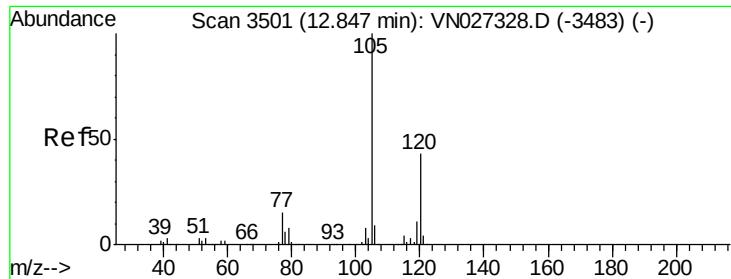
Tgt Ion: 91 Resp: 474417

Ion Ratio Lower Upper

91 100

126 27.2 15.2 45.5

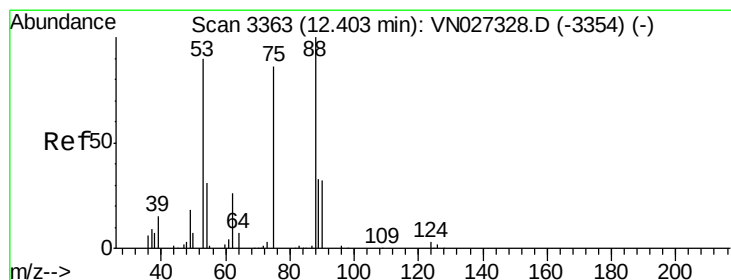
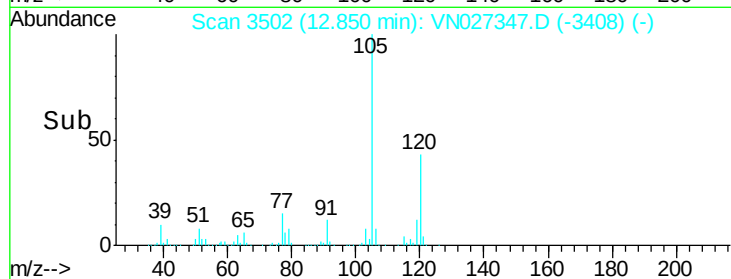
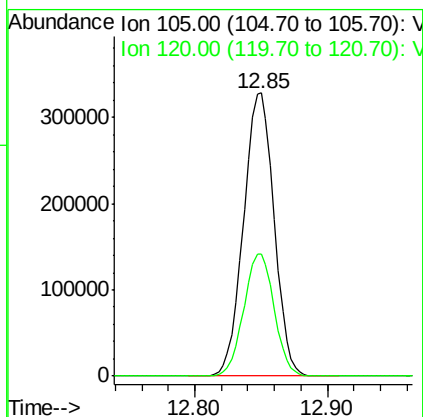
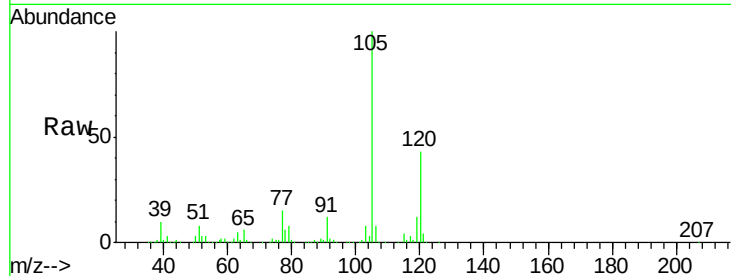




#81
 1,3,5-Trimethylbenzene
 Concen: 19.64 ug/l
 RT: 12.85 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

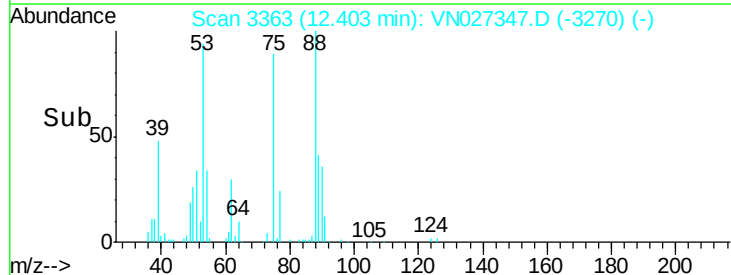
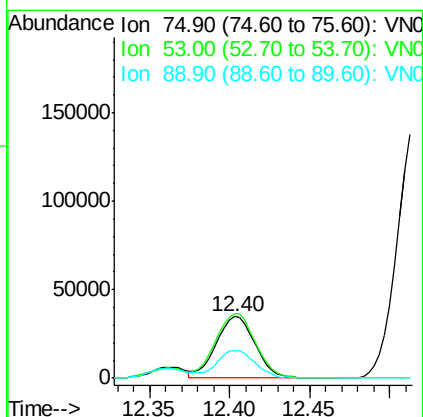
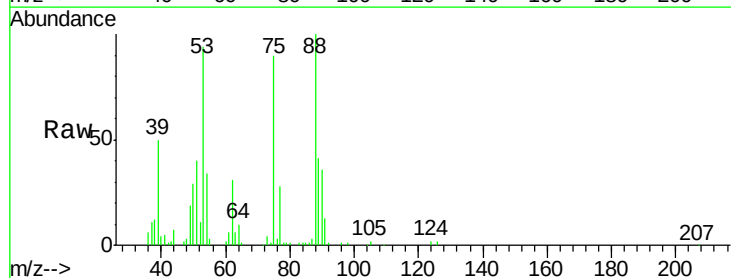
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

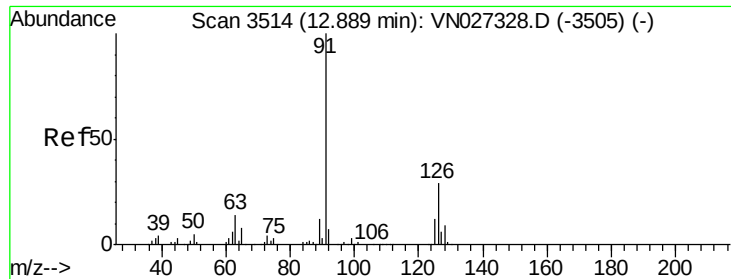
Tgt Ion:105 Resp: 522466
 Ion Ratio Lower Upper
 105 100
 120 43.2 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 18.20 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion: 75 Resp: 58554
 Ion Ratio Lower Upper
 75 100
 53 105.7 92.9 139.3
 89 43.8 34.2 51.4

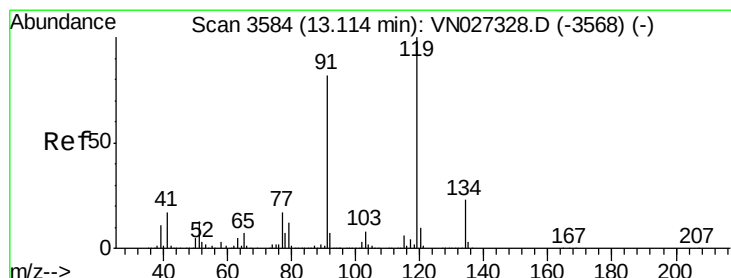
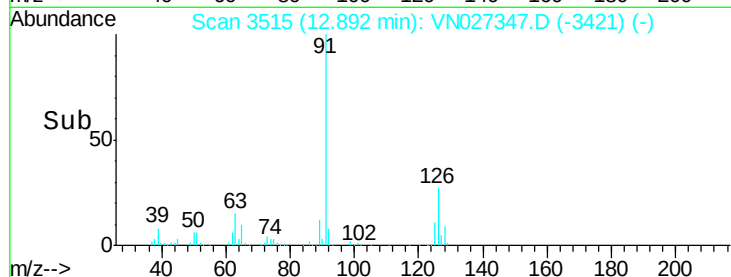
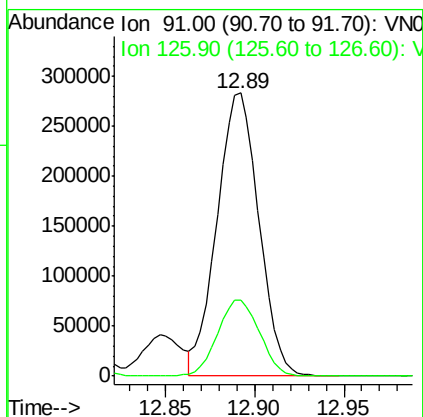
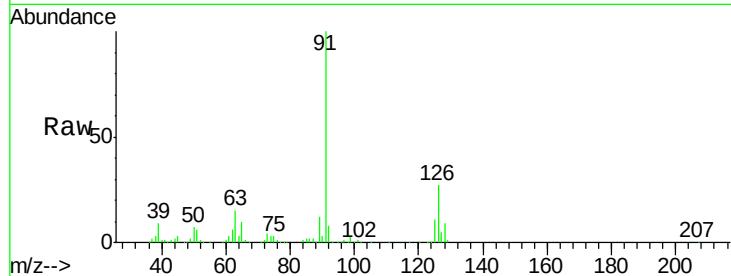




#83
4-Chlorotoluene
Concen: 19.61 ug/l
RT: 12.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

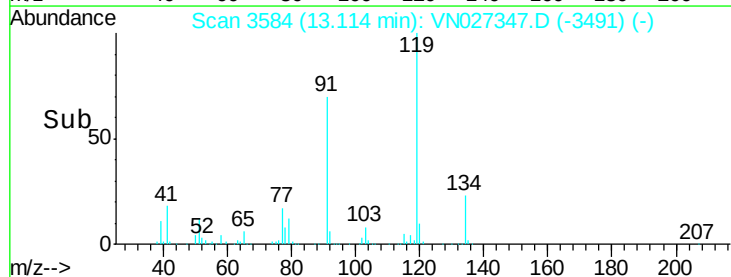
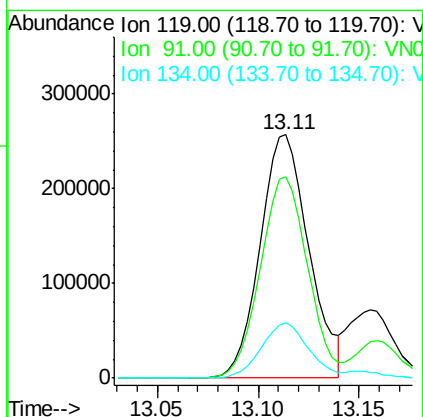
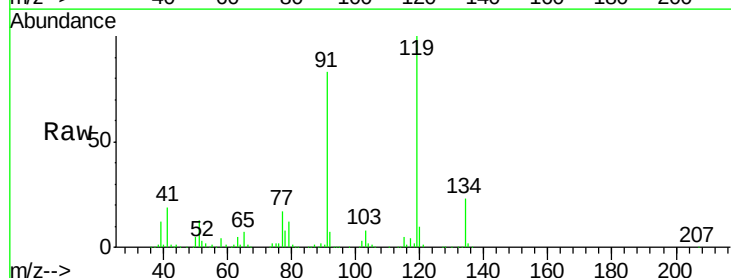
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

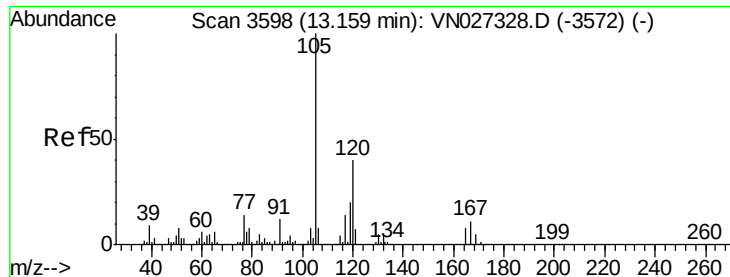
Tgt Ion: 91 Resp: 459346
Ion Ratio Lower Upper
91 100
126 27.1 14.9 44.5



#84
tert-Butylbenzene
Concen: 20.13 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027347.D
Acq: 21 Sep 2015 23:44

Tgt Ion: 119 Resp: 431790
Ion Ratio Lower Upper
119 100
91 80.7 34.6 103.8
134 22.2 11.4 34.2

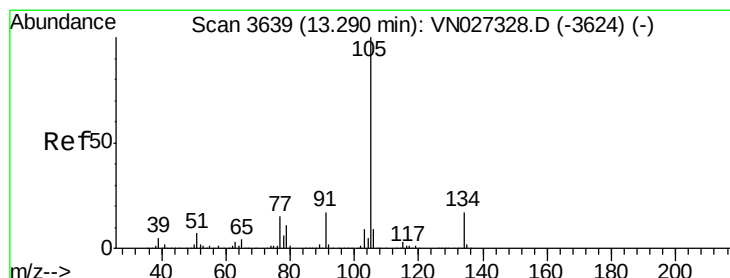
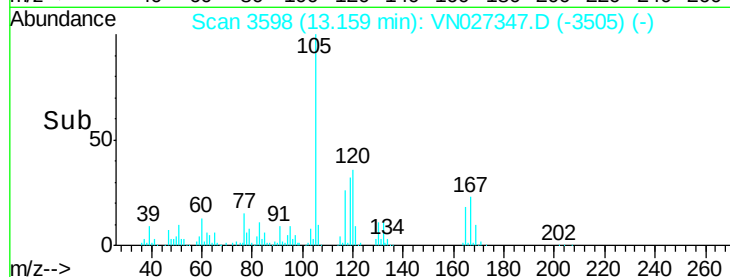
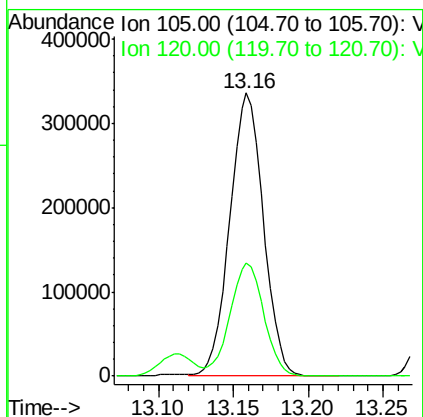
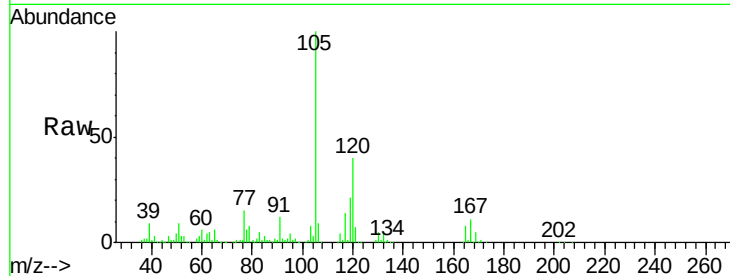




#85
 1,2,4-Trimethylbenzene
 Concen: 19.80 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

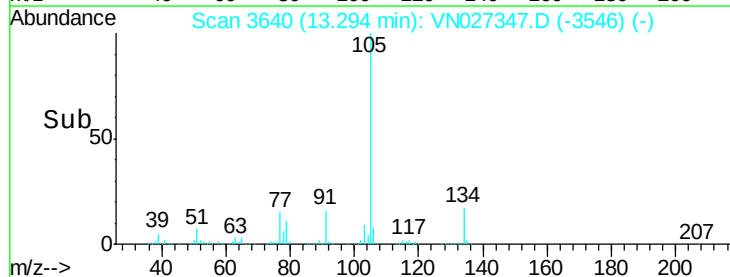
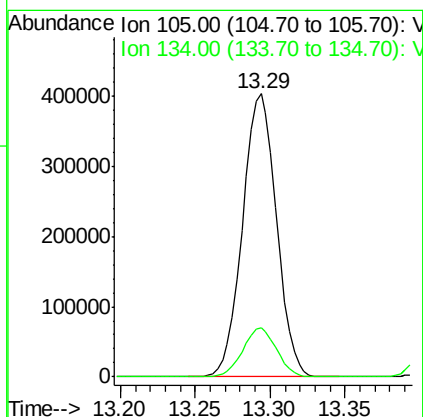
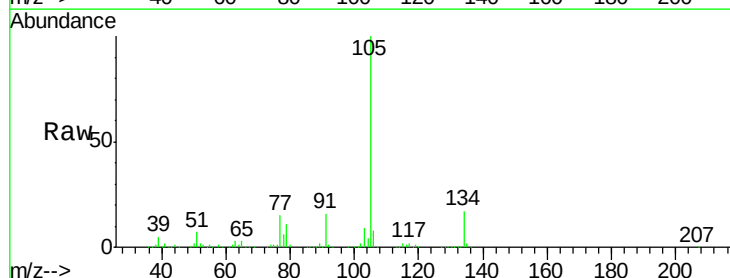
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

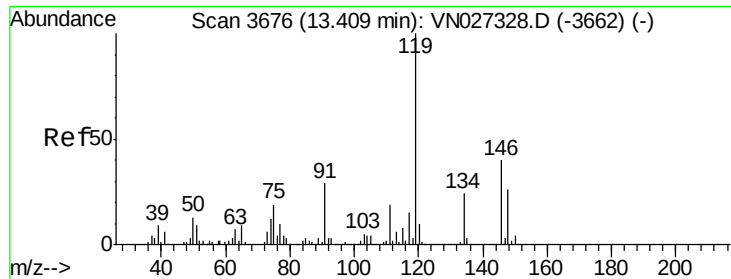
Tgt Ion:105 Resp: 524031
 Ion Ratio Lower Upper
 105 100
 120 40.4 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 19.93 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion:105 Resp: 636952
 Ion Ratio Lower Upper
 105 100
 134 17.2 8.8 26.4

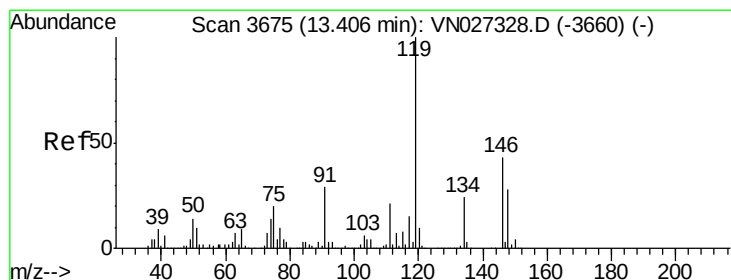
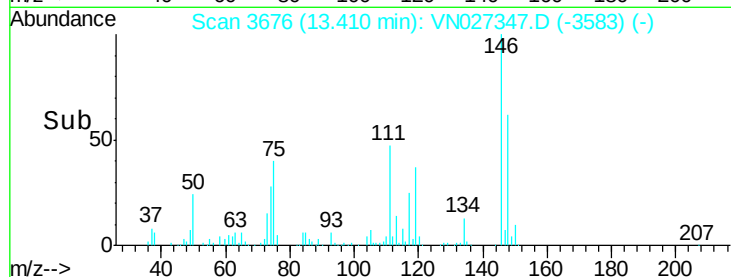
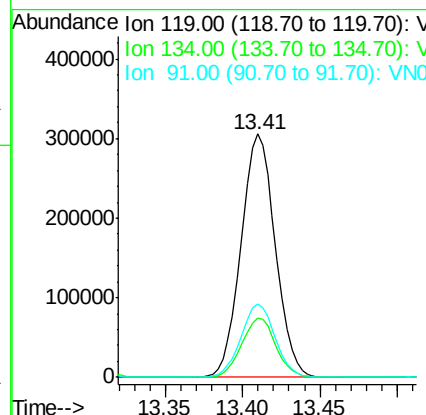
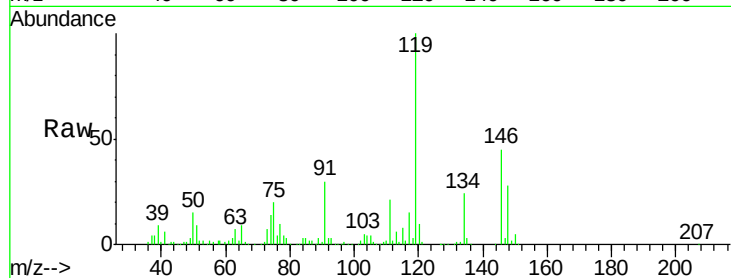




#87
 p-Isopropyltoluene
 Concen: 19.55 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

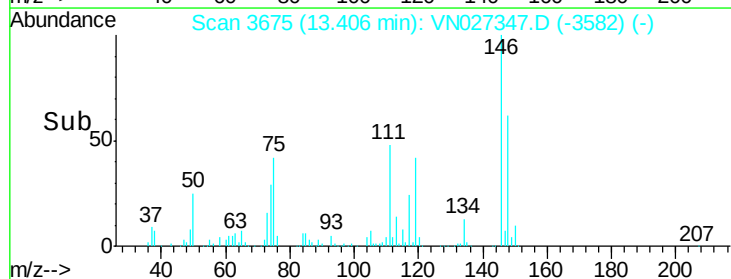
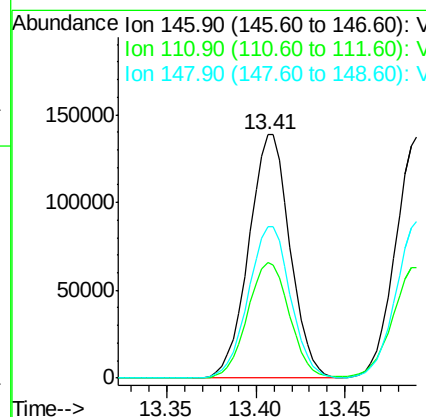
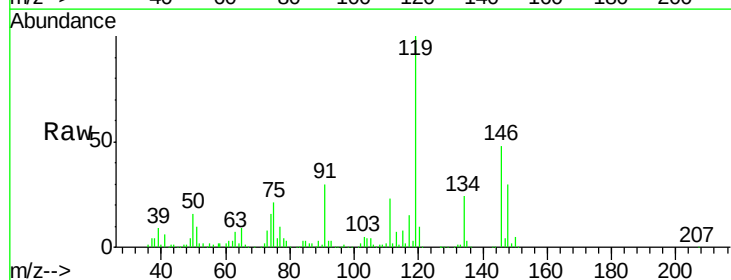
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

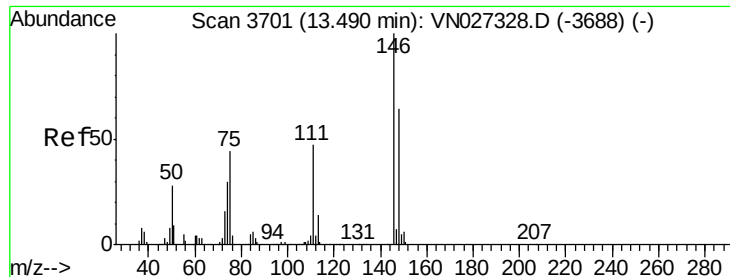
Tgt Ion:119 Resp: 468406
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.4 37.0
 91 29.9 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 20.11 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027347.D
 Acq: 21 Sep 2015 23:44

Tgt Ion:146 Resp: 223476
 Ion Ratio Lower Upper
 146 100
 111 48.5 21.0 63.0
 148 63.7 31.9 95.9





#89

1,4-Dichlorobenzene

Concen: 19.50 ug/l

RT: 13.49 min Scan# 3701

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

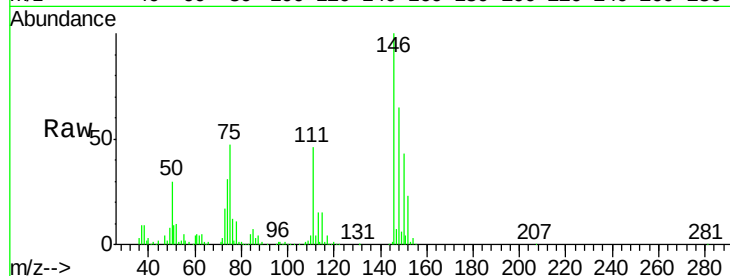
Tgt Ion:146 Resp: 219367

Ion Ratio Lower Upper

146 100

111 48.5 19.9 59.6

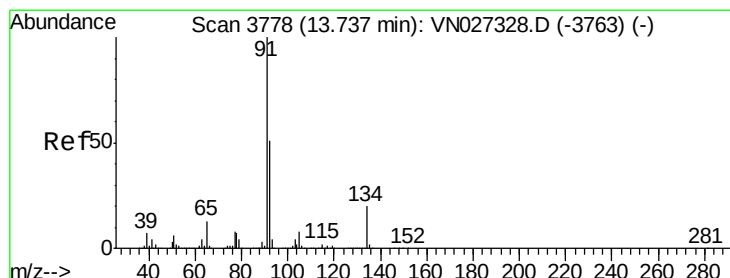
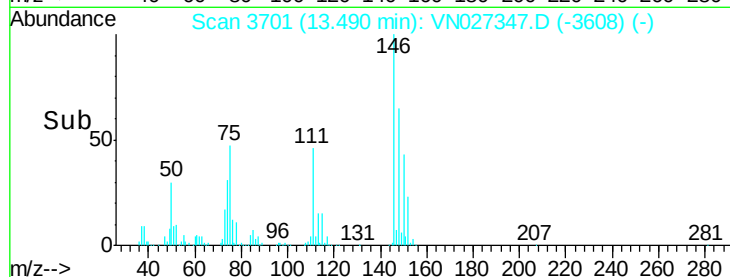
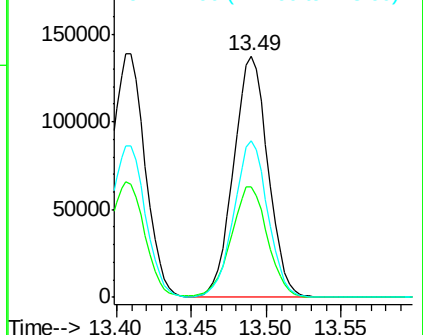
148 64.5 31.7 95.1



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



#90

n-Butylbenzene

Concen: 18.97 ug/l

RT: 13.74 min Scan# 3779

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

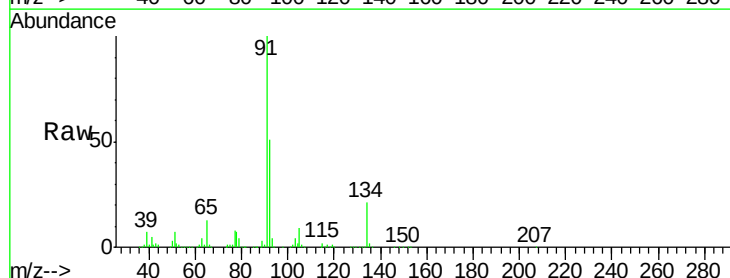
Tgt Ion: 91 Resp: 453885

Ion Ratio Lower Upper

91 100

92 51.1 26.1 78.2

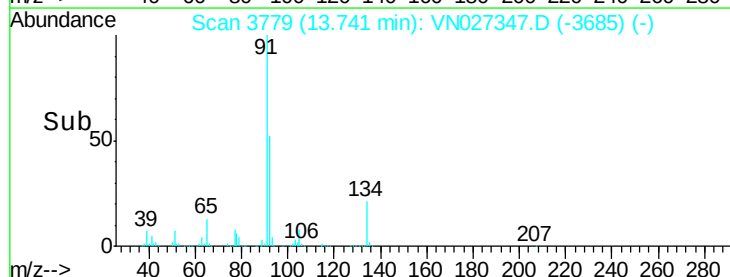
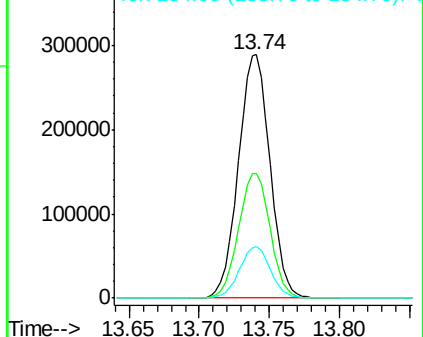
134 20.8 11.1 33.1

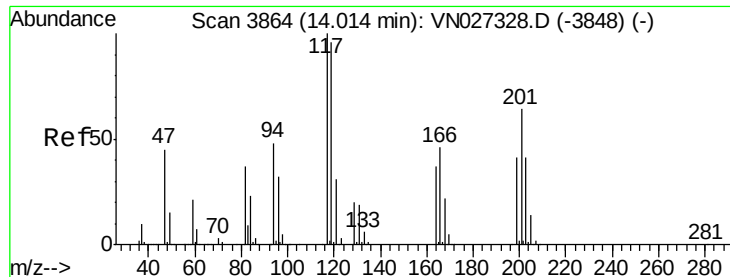


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#91

Hexachloroethane

Concen: 18.11 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

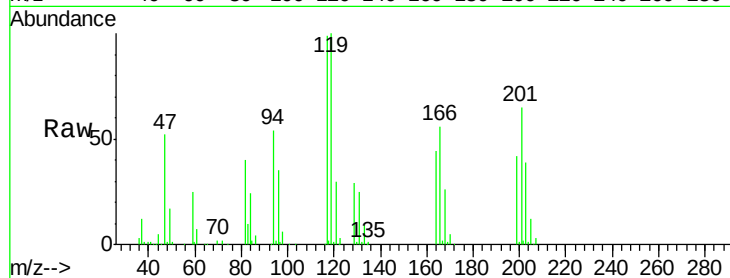
VN0921WBSD02

Tgt Ion:117 Resp: 92758

Ion Ratio Lower Upper

117 100

201 64.8 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.01

60000

50000

40000

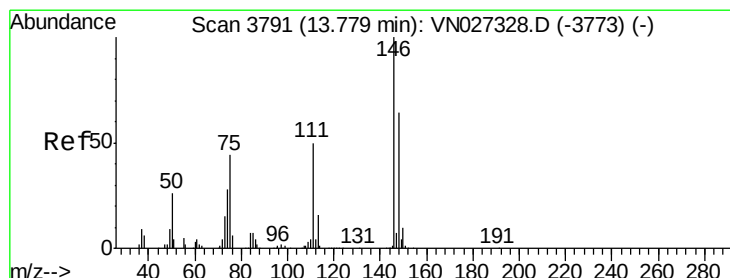
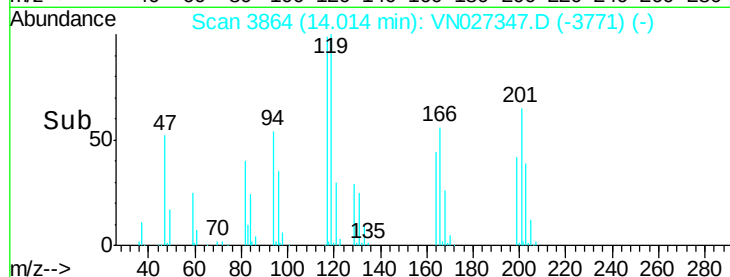
30000

20000

10000

0

Time--> 13.95 14.00 14.05



#92

1,2-Dichlorobenzene

Concen: 20.40 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

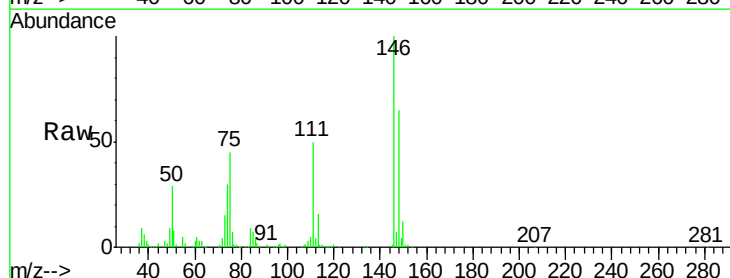
Tgt Ion:146 Resp: 226550

Ion Ratio Lower Upper

146 100

111 48.6 22.1 66.3

148 63.6 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

13.78

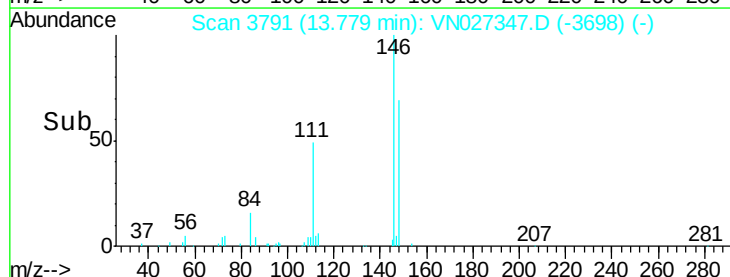
150000

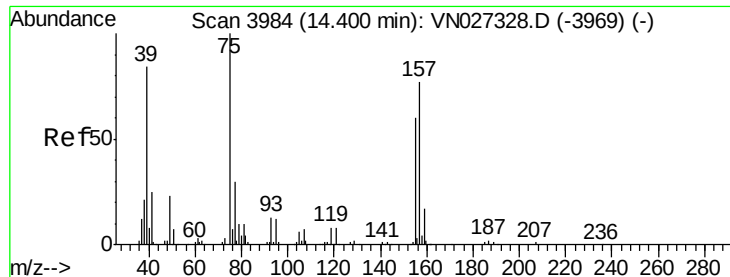
100000

50000

0

Time--> 13.70 13.80





#93

1,2-Dibromo-3-Chloropropane

Concen: 19.97 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

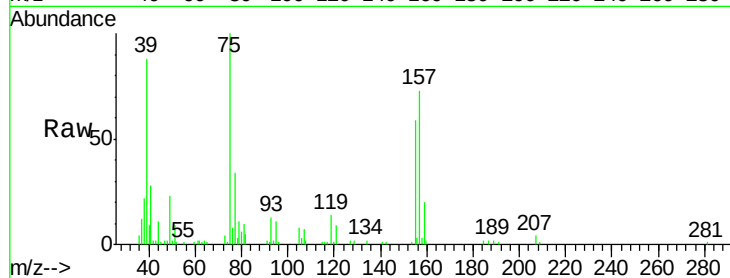
Tgt Ion: 75 Resp: 36254

Ion Ratio Lower Upper

75 100

155 57.4 35.6 106.9

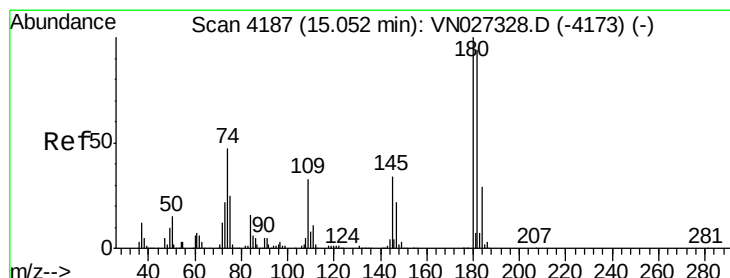
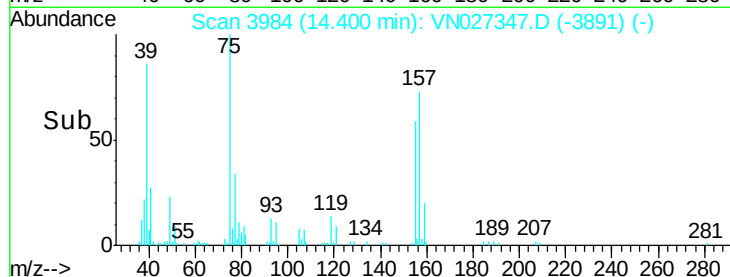
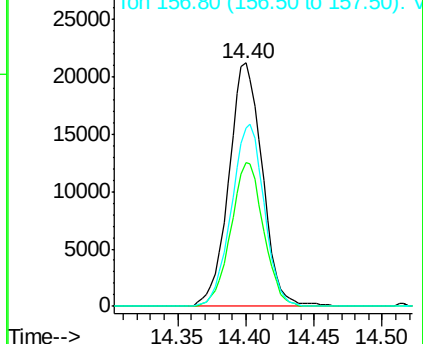
157 72.8 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN027328.D (-3969) (-)

Ion 154.80 (154.50 to 155.50): VN027328.D (-3969) (-)

Ion 156.80 (156.50 to 157.50): VN027328.D (-3969) (-)



#94

1,2,4-Trichlorobenzene

Concen: 19.84 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

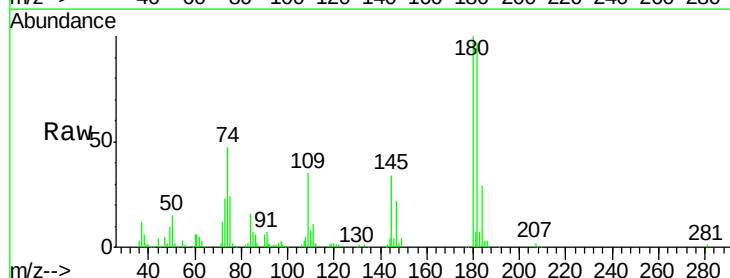
Tgt Ion: 180 Resp: 113823

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

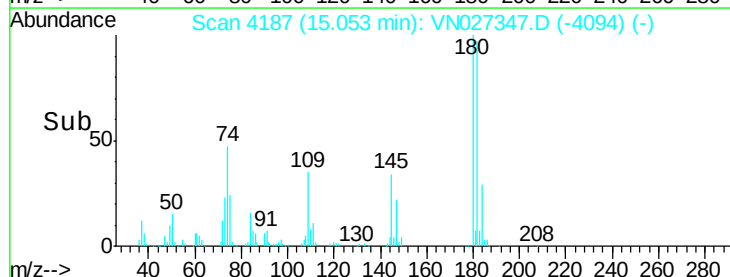
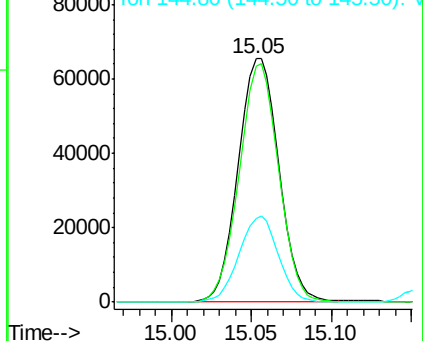
145 33.9 15.1 45.3

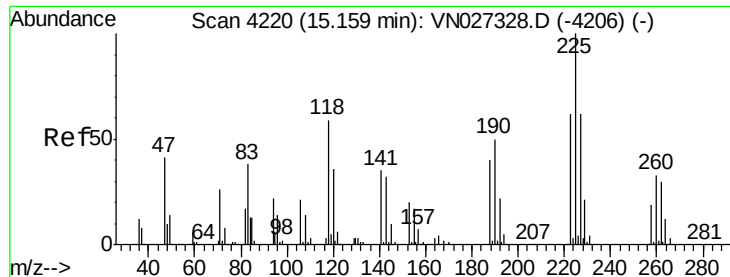


Abundance Ion 179.80 (179.50 to 180.50): VN027328.D (-4173) (-)

Ion 181.80 (181.50 to 182.50): VN027328.D (-4173) (-)

Ion 144.80 (144.50 to 145.50): VN027328.D (-4173) (-)





#95

Hexachlorobutadiene

Concen: 18.95 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

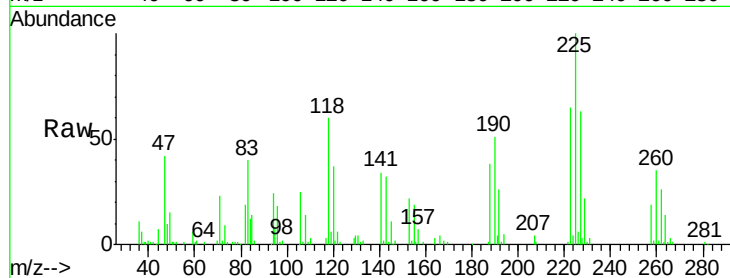
Tgt Ion:225 Resp: 59579

Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.3

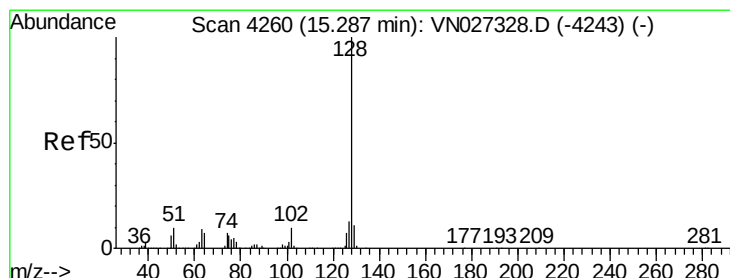
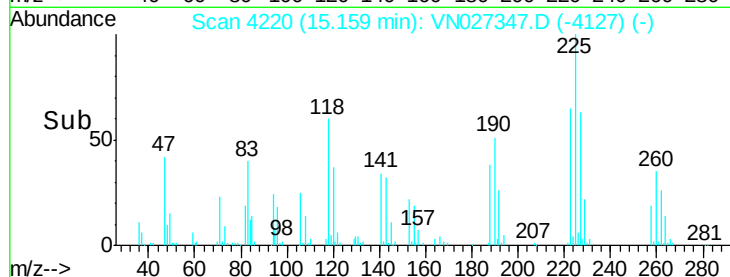
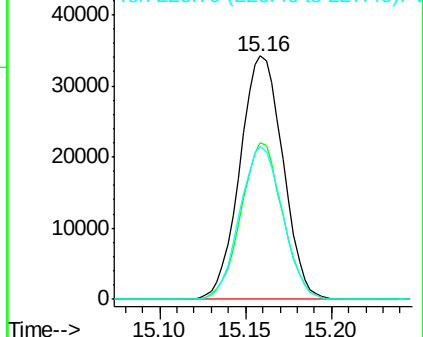
227 62.2 31.7 95.1



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: 20.65 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

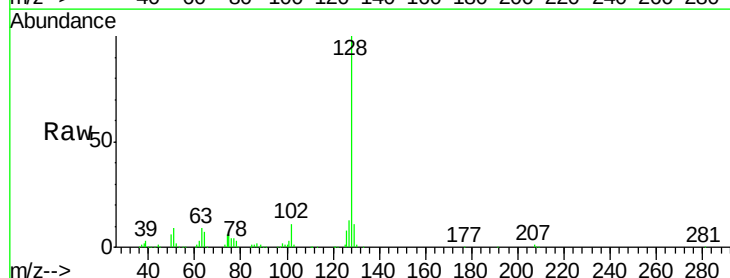
Tgt Ion:128 Resp: 320379

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

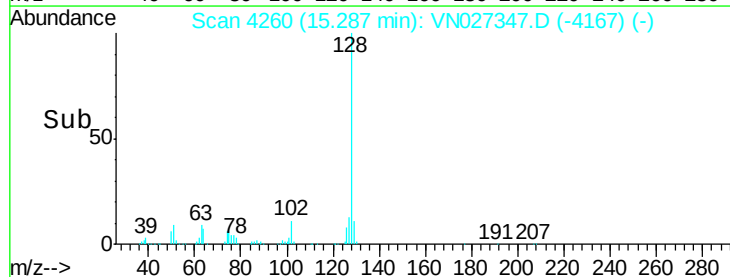
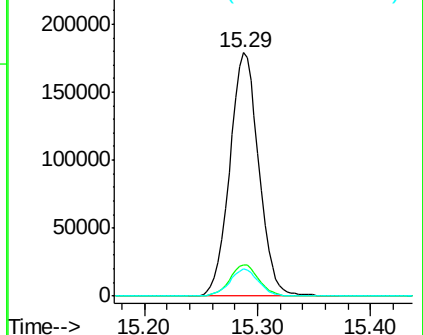
129 10.9 8.6 12.8

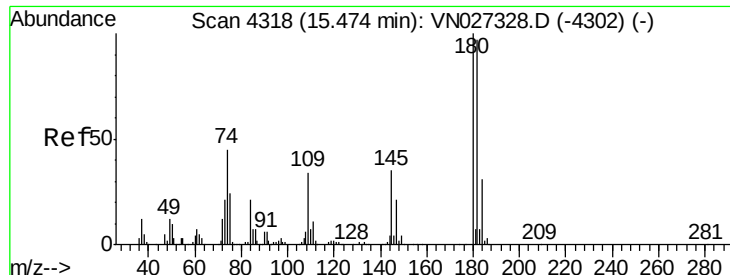


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97

1,2,3-Trichlorobenzene

Concen: 19.98 ug/l

RT: 15.47 min Scan# 4318

Delta R.T. 0.00 min

Lab File: VN027347.D

Acq: 21 Sep 2015 23:44

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

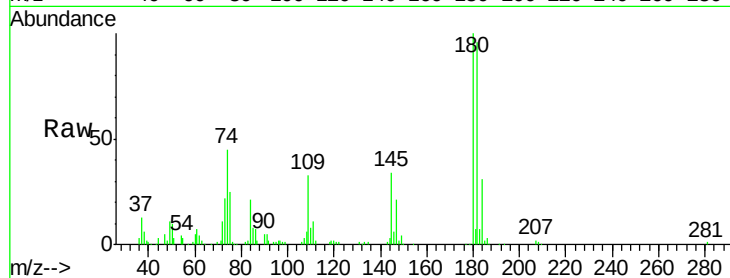
Tgt Ion:180 Resp: 114233

Ion Ratio Lower Upper

180 100

182 95.2 48.8 146.4

145 34.6 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

