

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027340.D
 Acq On : 21 Sep 2015 19:36
 Operator : MD\FY
 Sample : VN0921WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Quant Time: Sep 22 01:32:23 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	529615	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1012130	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	851496	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	321505	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	475219	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
36) Dibromofluoromethane	7.68	113	298303	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
51) Toluene-d8	10.19	98	1139247	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
63) 4-Bromofluorobenzene	12.52	95	401719	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	104619	19.03	ug/l	97
3) Chlorodifluoromethane	1.81	51	112164	16.11	ug/l #	92
4) Chloromethane	2.01	50	117366	18.64	ug/l	96
5) Vinyl Chloride	2.14	62	136453	19.42	ug/l	96
6) Bromomethane	2.54	94	63421	22.17	ug/l	94
7) Chloroethane	2.69	64	85864	19.22	ug/l	99
8) Trichlorofluoromethane	3.02	101	199332	19.54	ug/l	100
9) Diethyl Ether	3.43	74	91475	20.17	ug/l	82
10) 1,1,2-Trichlorotrifluoroet	3.79	101	127060	19.64	ug/l	95
11) Methyl Iodide	3.99	142	76461	16.89	ug/l	93
12) Tert butyl alcohol	4.80	59	86554	104.65	ug/l #	94
13) 1,1-Dichloroethene	3.77	96	117697	19.46	ug/l	86
14) Acrolein	3.62	56	89029	83.03	ug/l	100
15) Allyl chloride	4.37	41	222783	18.89	ug/l #	81
16) Acrylonitrile	5.03	53	309666	103.11	ug/l	98
17) Acetone	3.83	43	281564	99.83	ug/l	93
18) Carbon Disulfide	4.11	76	338171	18.67	ug/l	99
19) Methyl Acetate	4.36	43	371441	21.23	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	487715	20.20	ug/l	94
21) Methylene Chloride	4.60	84	149224	19.87	ug/l	97
22) trans-1,2-Dichloroethene	5.13	96	129292	19.44	ug/l	98
23) Diisopropyl ether	6.04	45	505285	19.70	ug/l #	86
24) Vinyl Acetate	5.98	43	1092457	131.45	ug/l	98
25) 1,1-Dichloroethane	5.93	63	296374	19.83	ug/l	99
26) 2-Butanone	6.92	43	387018	104.78	ug/l	93
27) 2,2-Dichloropropane	6.92	77	252738	19.62	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	152768	19.45	ug/l	96
29) Bromochloromethane	7.29	49	120959	20.62	ug/l	97
30) Tetrahydrofuran	7.32	42	247329	105.63	ug/l	88
31) Chloroform	7.46	83	280350	19.97	ug/l	99
32) Cyclohexane	7.77	56	274720	19.71	ug/l	91
33) 1,1,1-Trichloroethane	7.67	97	242904	19.52	ug/l	97
37) 1,1-Dichloropropene	7.89	75	201040	18.43	ug/l	99
38) Ethyl Acetate	7.02	43	175984	20.89	ug/l	96

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 Misc : 5.00mL/MSVOA_N/WATER
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Quant Time: Sep 22 01:32:23 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)
39) Carbon Tetrachloride	7.88	117	193712	18.87	ug/l	99
40) Methylcyclohexane	9.19	83	242392	18.71	ug/l	96
41) Benzene	8.14	78	613321	19.37	ug/l	100
42) Methacrylonitrile	7.24	41	97052	19.52	ug/l #	87
43) 1,2-Dichloroethane	8.22	62	253282	19.62	ug/l	96
44) Isopropyl Acetate	8.25	43	320920	19.93	ug/l	97
45) Trichloroethene	8.94	130	120459	18.99	ug/l	92
46) 1,2-Dichloropropane	9.22	63	173291	19.56	ug/l	98
47) Dibromomethane	9.31	93	103556	19.47	ug/l	92
48) Bromodichloromethane	9.49	83	213648	18.94	ug/l	99
49) Methyl methacrylate	9.29	41	147845	19.51	ug/l #	84
50) 1,4-Dioxane	9.30	88	36912	403.63	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	843992	101.93	ug/l	98
53) Toluene	10.26	92	354958	18.95	ug/l	97
54) t-1,3-Dichloropropene	10.47	75	222775	18.50	ug/l	97
55) cis-1,3-Dichloropropene	9.93	75	251168	18.99	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	134898	19.32	ug/l	98
57) Ethyl methacrylate	10.52	69	212514	19.17	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	253533	19.70	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	433434	88.24	ug/l	97
60) 2-Hexanone	10.84	43	570574	101.39	ug/l	100
61) Dibromochloromethane	11.00	129	130042	19.01	ug/l	98
62) 1,2-Dibromoethane	11.11	107	128835	19.40	ug/l	99
65) Tetrachloroethene	10.74	164	97356	19.21	ug/l	93
66) Chlorobenzene	11.54	112	355712	19.48	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	120028	19.59	ug/l	98
68) Ethyl Benzene	11.62	91	675820	19.62	ug/l	98
69) m/p-Xylenes	11.73	106	462098	38.71	ug/l	90
70) o-Xylene	12.06	106	233085	19.32	ug/l	92
71) Styrene	12.08	104	369906	19.26	ug/l	95
72) Bromoform	12.24	173	76589	18.63	ug/l #	99
74) Isopropylbenzene	12.36	105	633471	19.67	ug/l	97
75) N-amyl acetate	12.17	43	256189	20.05	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	182287	20.11	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	245188	30.38	ug/l	54
78) Bromobenzene	12.64	156	120404	19.10	ug/l	91
79) n-propylbenzene	12.71	91	729371	18.99	ug/l	99
80) 2-Chlorotoluene	12.79	91	448749	19.11	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	503545	19.34	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	58956	18.73	ug/l	96
83) 4-Chlorotoluene	12.89	91	436667	19.05	ug/l	95
84) tert-Butylbenzene	13.11	119	413578	19.70	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	503875	19.46	ug/l	95
86) sec-Butylbenzene	13.29	105	608468	19.46	ug/l	99
87) p-Isopropyltoluene	13.41	119	447054	19.07	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	210583	19.36	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	209573	19.04	ug/l	96
90) n-Butylbenzene	13.74	91	430760	18.40	ug/l	99
91) Hexachloroethane	14.01	117	91034	18.16	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	216417	19.92	ug/l	97

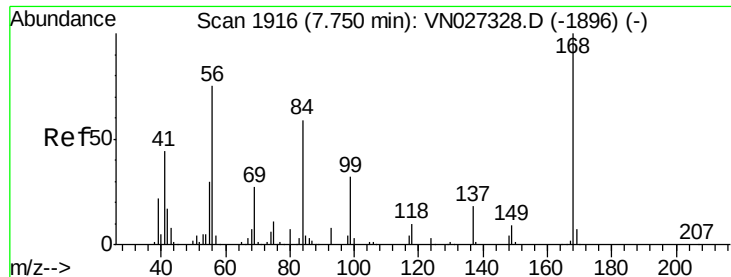
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
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QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	35687	20.08	ug/l	82
94) 1,2,4-Trichlorobenzene	15.05	180	110257	19.64	ug/l	98
95) Hexachlorobutadiene	15.16	225	58586	19.04	ug/l	98
96) Naphthalene	15.29	128	294913	19.65	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	111352	19.90	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

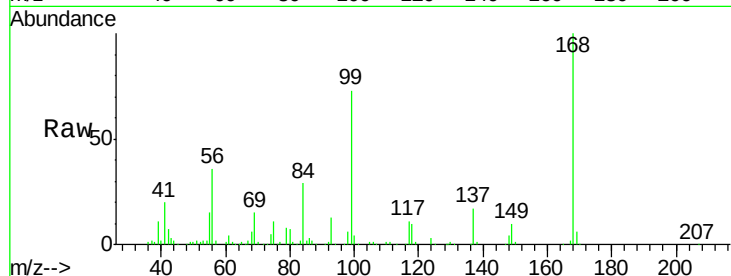
VN0921WBS01

Tgt Ion:168 Resp: 529615

Ion Ratio Lower Upper

168 100

99 72.4 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

250000

200000

150000

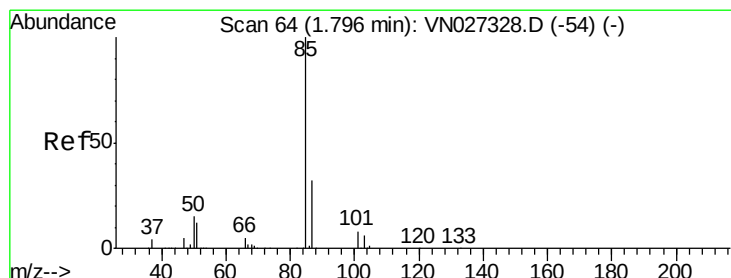
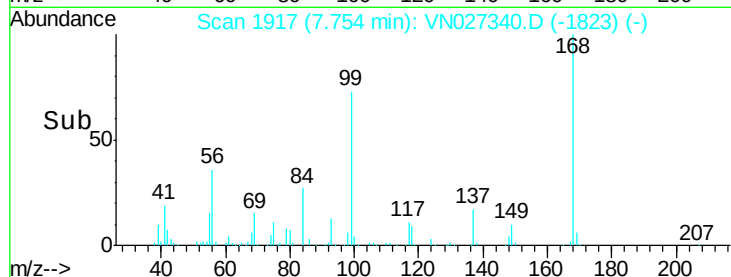
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.03 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027340.D

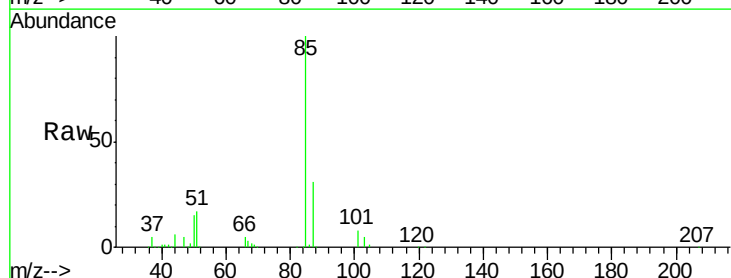
Acq: 21 Sep 2015 19:36

Tgt Ion: 85 Resp: 104619

Ion Ratio Lower Upper

85 100

87 31.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.80

80000

60000

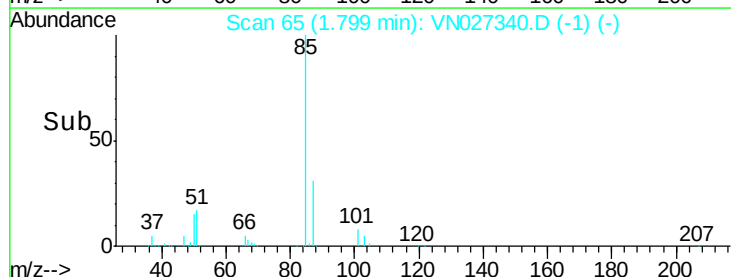
40000

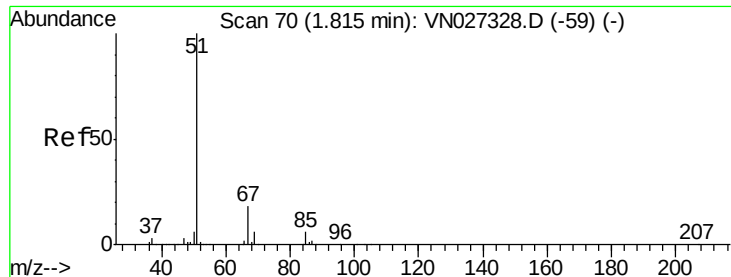
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chlorodifluoromethane

Concen: 16.11 ug/l

RT: 1.81 min Scan# 70

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

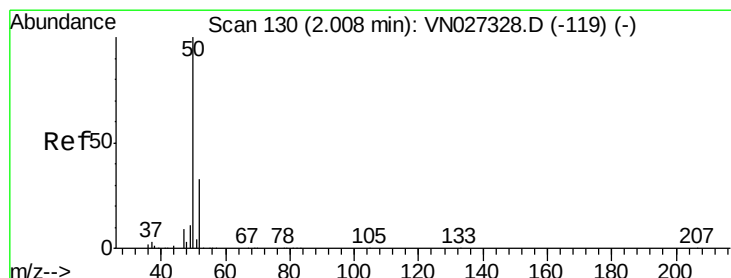
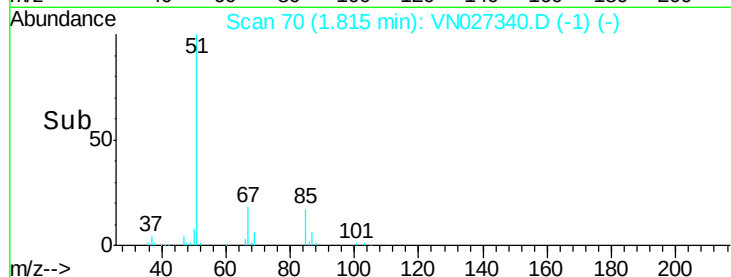
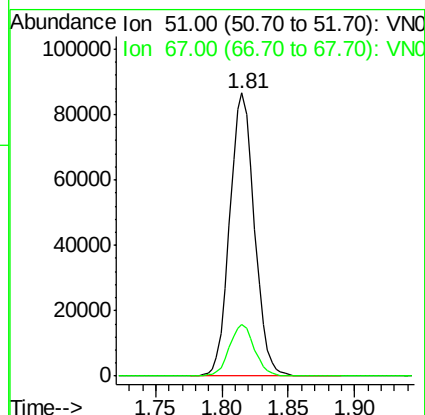
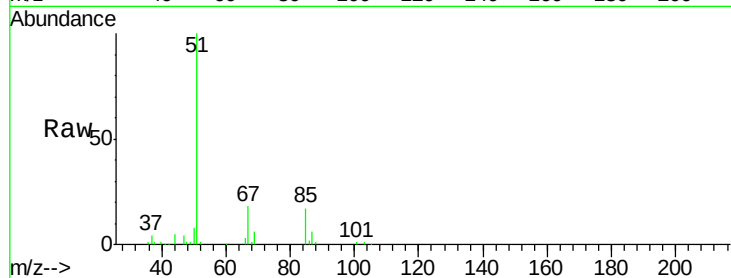
VN0921WBS01

Tgt Ion: 51 Resp: 112164

Ion Ratio Lower Upper

51 100

67 18.3 12.2 18.2#



#4

Chloromethane

Concen: 18.64 ug/l

RT: 2.01 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN027340.D

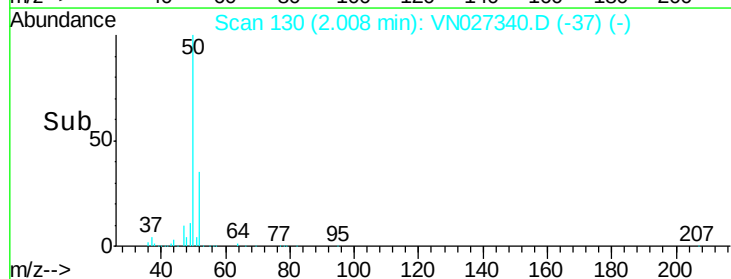
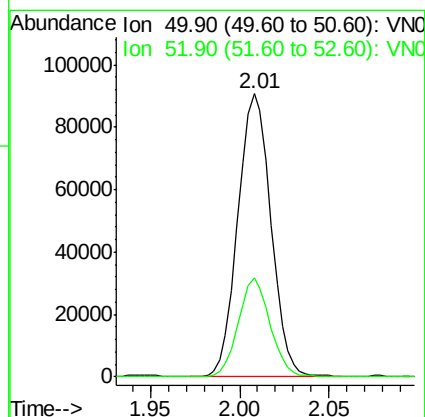
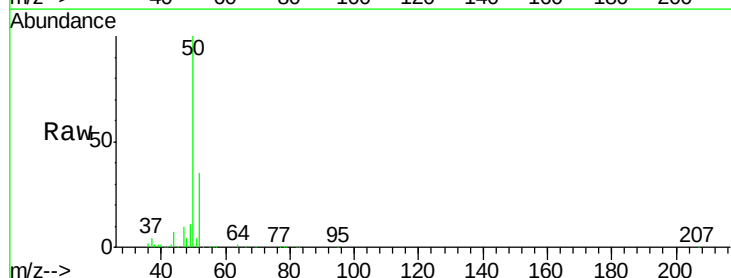
Acq: 21 Sep 2015 19:36

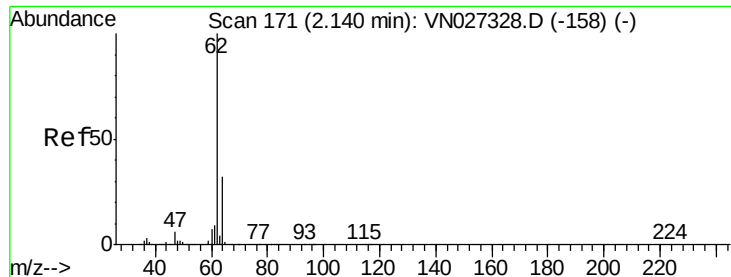
Tgt Ion: 50 Resp: 117366

Ion Ratio Lower Upper

50 100

52 34.9 25.9 38.9





#5

Vinyl Chloride

Concen: 19.42 ug/l

RT: 2.14 min Scan# 171

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

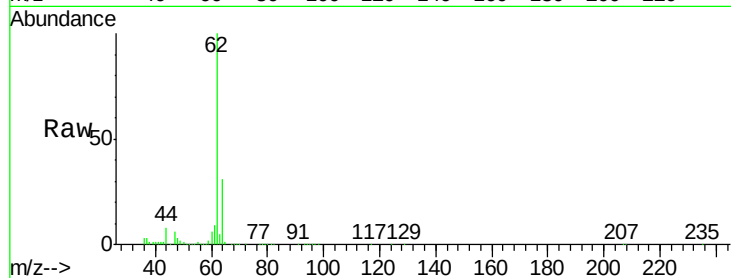
VN0921WBS01

Tgt Ion: 62 Resp: 136453

Ion Ratio Lower Upper

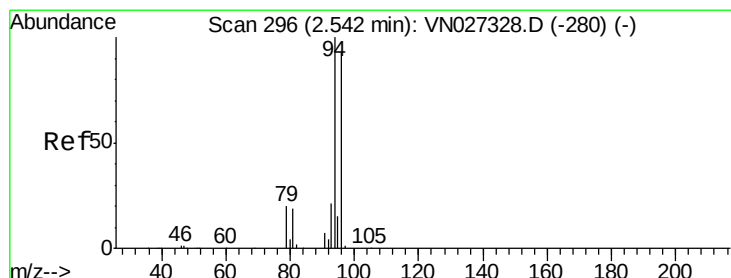
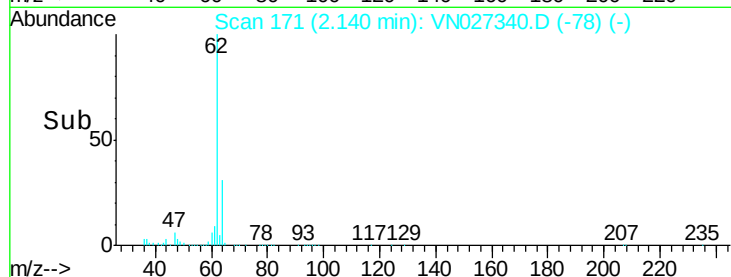
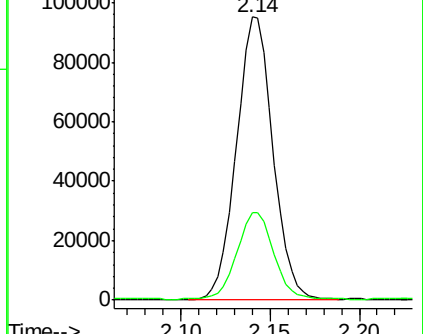
62 100

64 30.2 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: 22.17 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.00 min

Lab File: VN027340.D

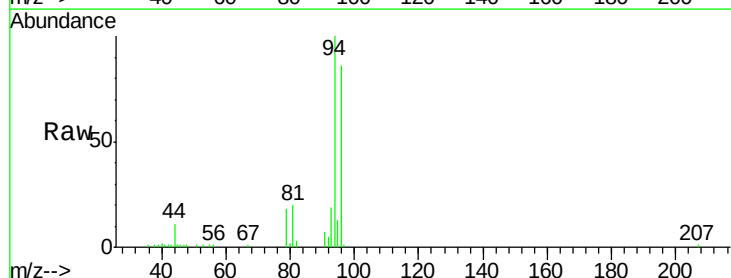
Acq: 21 Sep 2015 19:36

Tgt Ion: 94 Resp: 63421

Ion Ratio Lower Upper

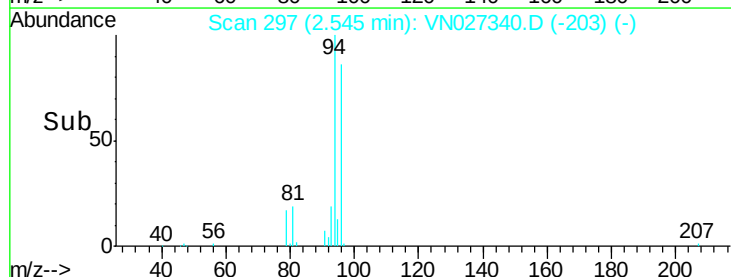
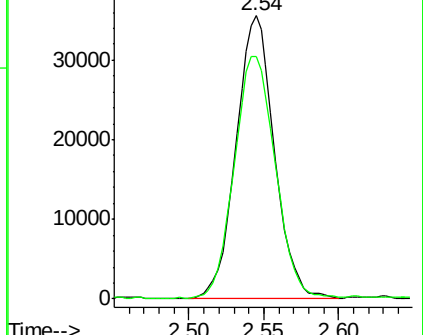
94 100

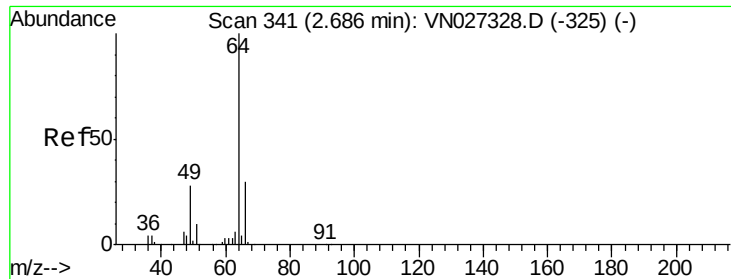
96 85.7 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#7

Chloroethane

Concen: 19.22 ug/l

RT: 2.69 min Scan# 341

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

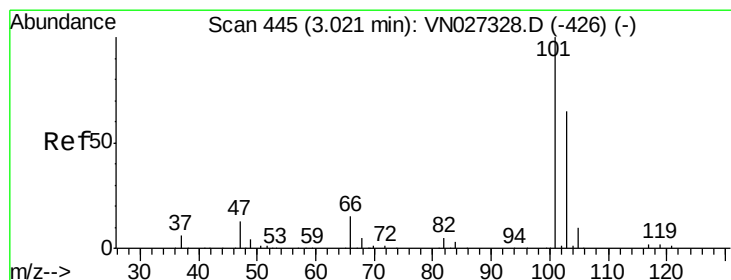
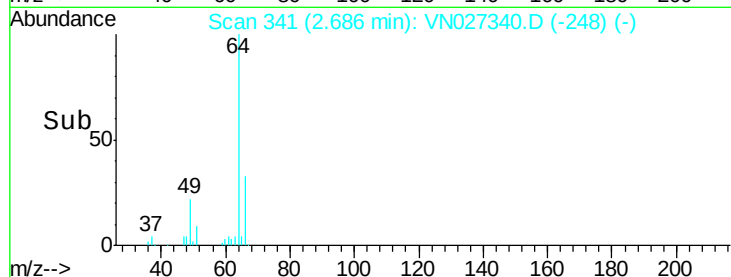
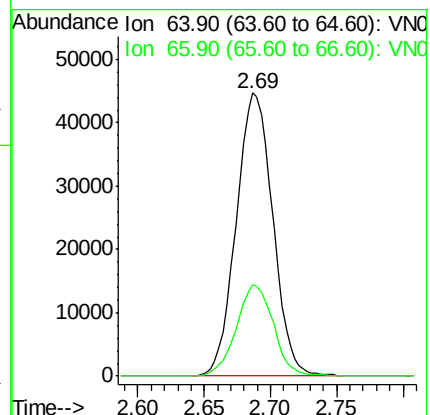
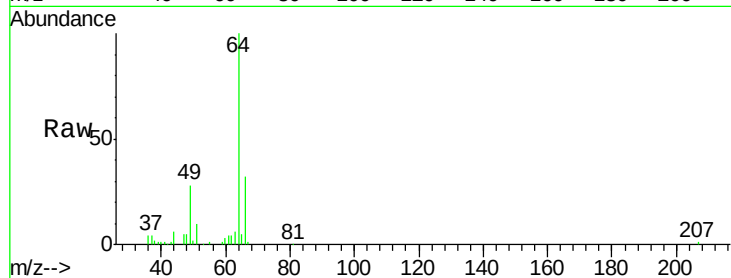
VN0921WBS01

Tgt Ion: 64 Resp: 85864

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



#8

Trichlorofluoromethane

Concen: 19.54 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027340.D

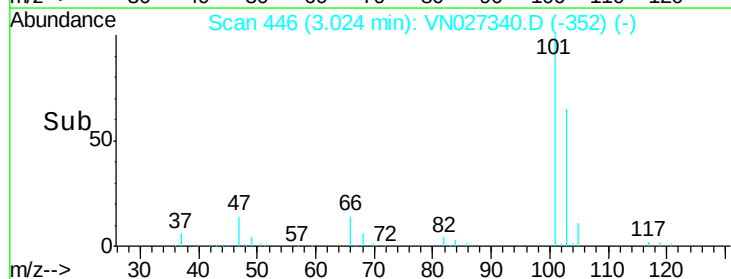
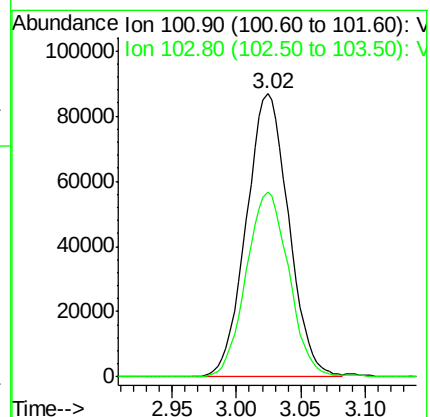
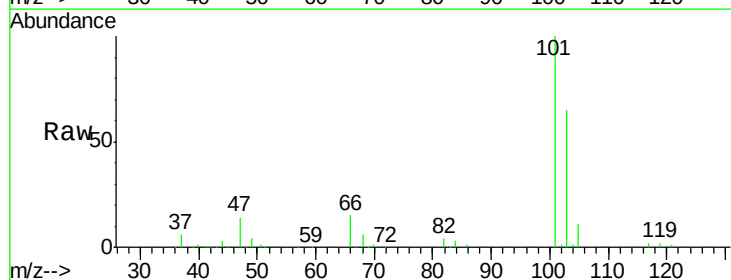
Acq: 21 Sep 2015 19:36

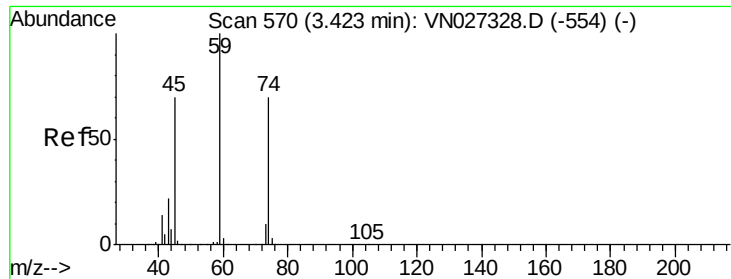
Tgt Ion: 101 Resp: 199332

Ion Ratio Lower Upper

101 100

103 65.5 52.6 79.0





#9

Diethyl Ether

Concen: 20.17 ug/l

RT: 3.43 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

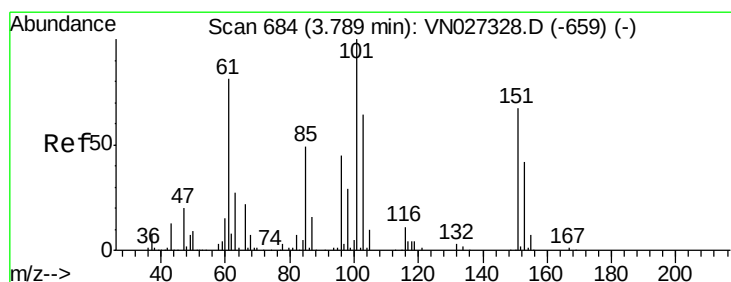
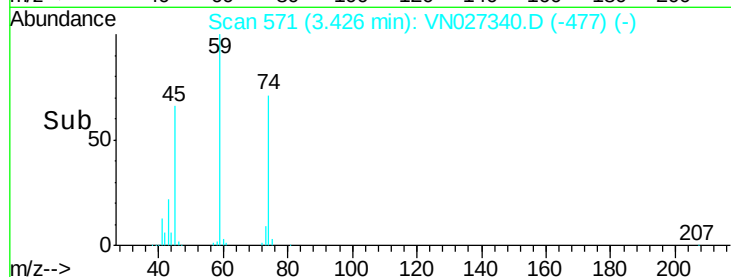
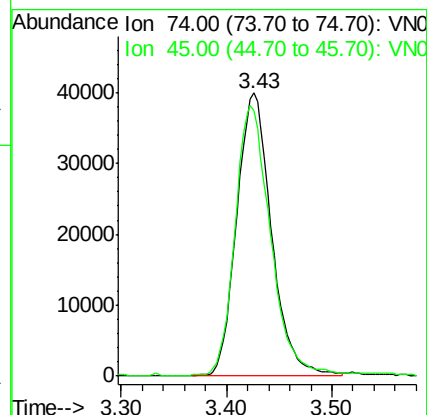
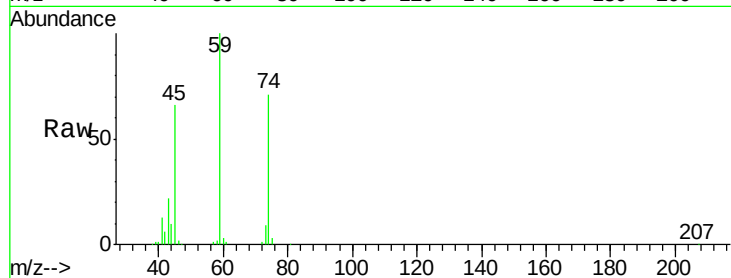
VN0921WBS01

Tgt Ion: 74 Resp: 91475

Ion Ratio Lower Upper

74 100

45 96.0 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 19.64 ug/l

RT: 3.79 min Scan# 684

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

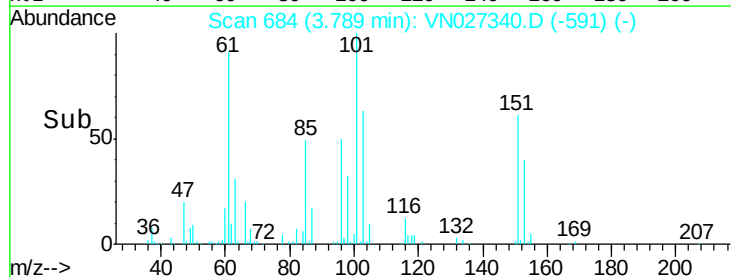
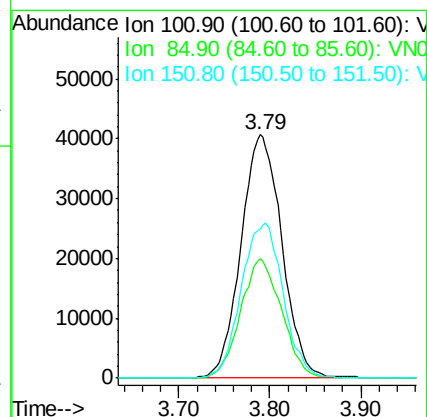
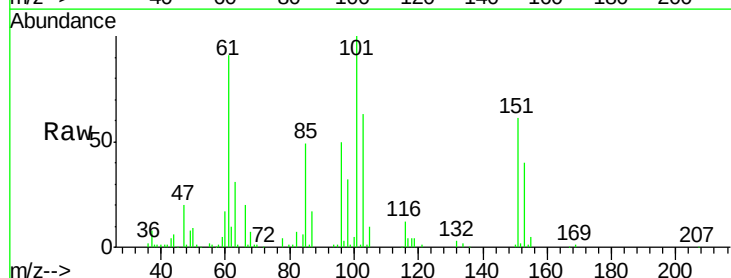
Tgt Ion: 101 Resp: 127060

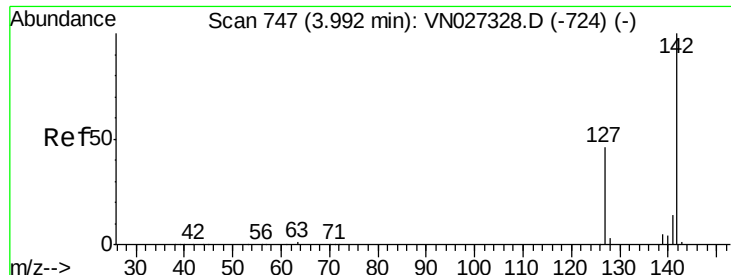
Ion Ratio Lower Upper

101 100

85 49.1 37.4 56.0

151 65.1 55.9 83.9

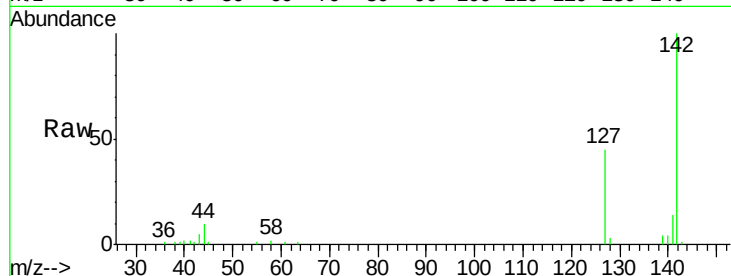




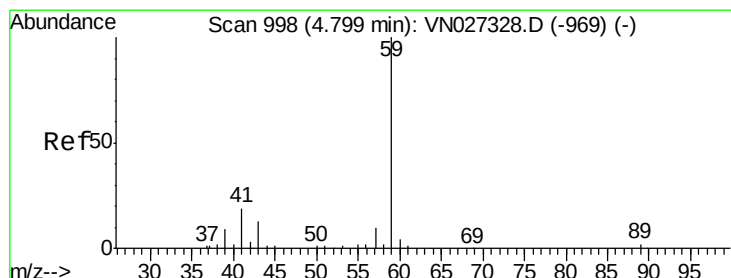
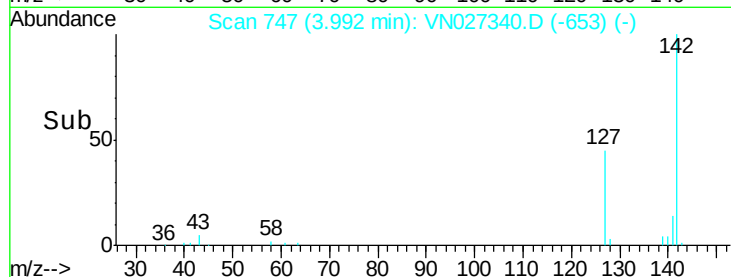
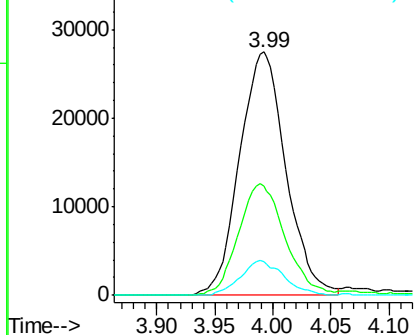
#11
Methyl Iodide
Concen: 16.89 ug/l
RT: 3.99 min Scan# 747
Delta R.T. 0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion:142 Resp: 76461
Ion Ratio Lower Upper
142 100
127 46.0 32.3 48.5
141 13.4 11.2 16.8

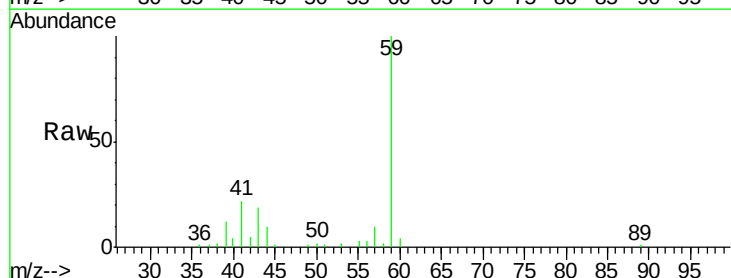


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

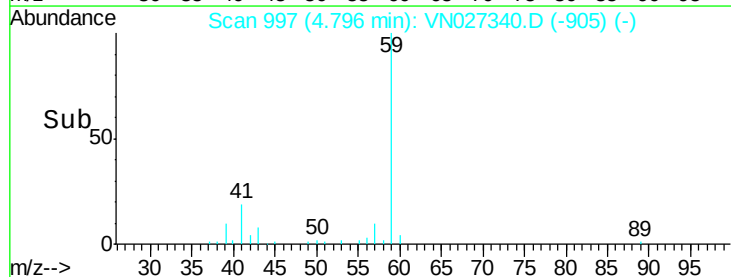
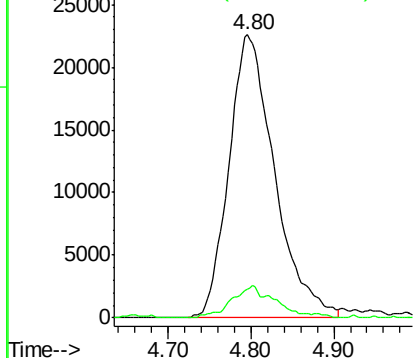


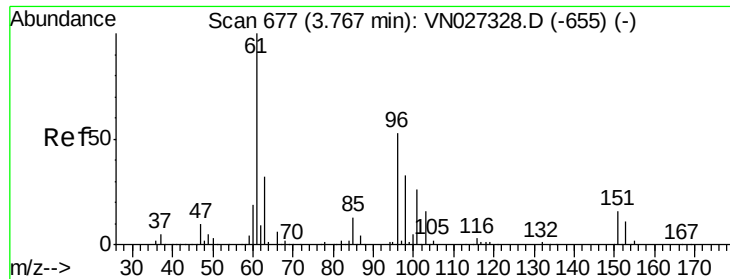
#12
Tert butyl alcohol
Concen: 104.65 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Tgt Ion: 59 Resp: 86554
Ion Ratio Lower Upper
59 100
57 7.2 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

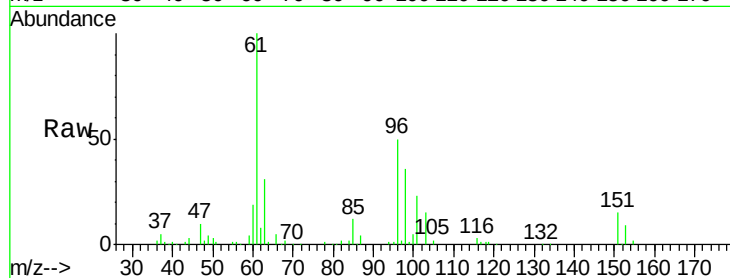




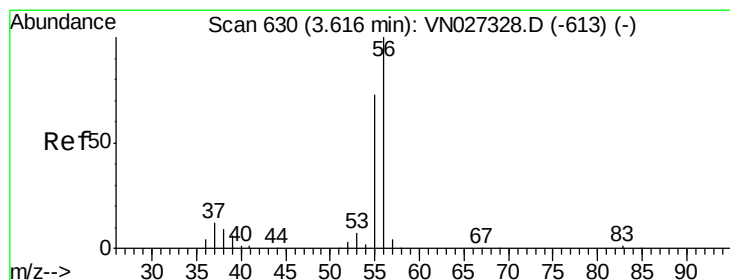
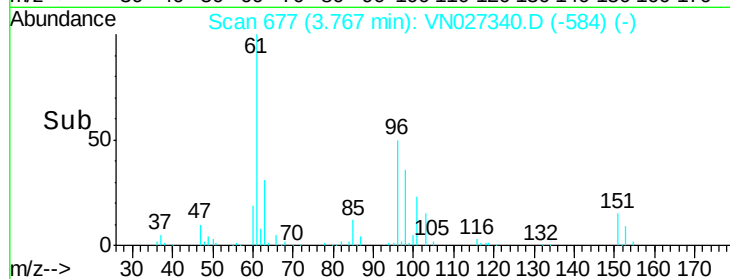
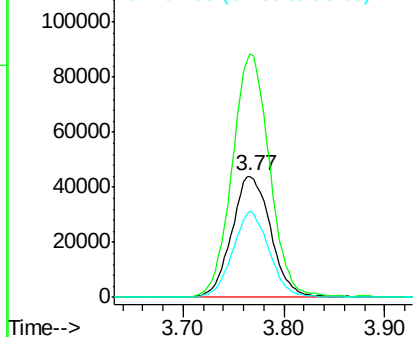
#13
 1,1-Dichloroethene
 Concen: 19.46 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion: 96 Resp: 117697
 Ion Ratio Lower Upper
 96 100
 61 201.0 143.8 215.8
 98 71.4 50.3 75.5

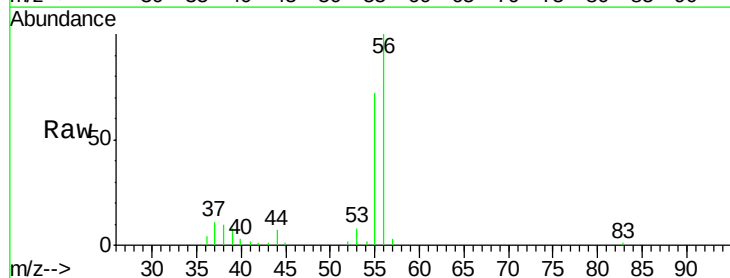


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

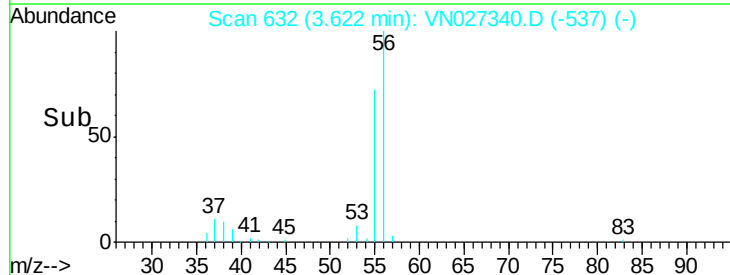
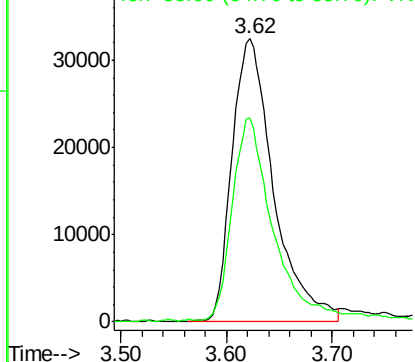


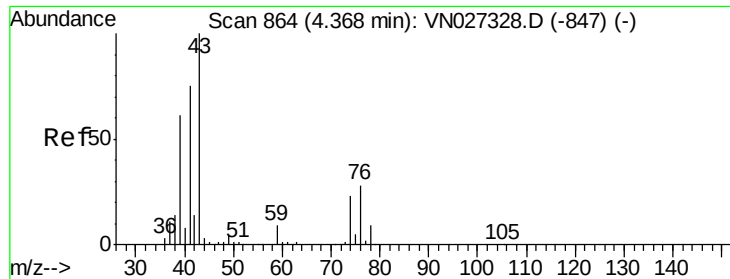
#14
 Acrolein
 Concen: 83.03 ug/l
 RT: 3.62 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 56 Resp: 89029
 Ion Ratio Lower Upper
 56 100
 55 70.0 55.7 83.5



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

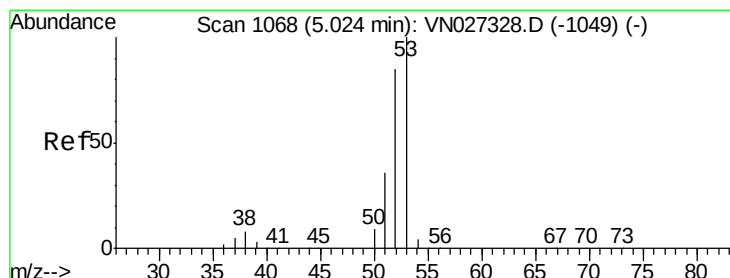
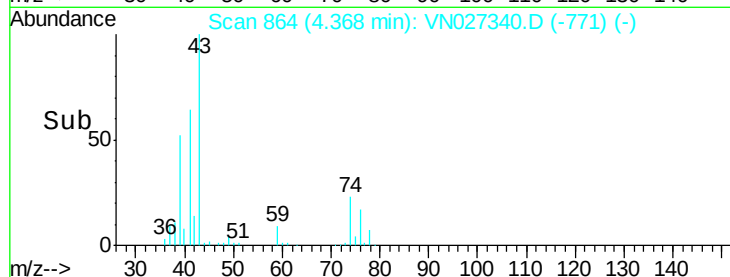
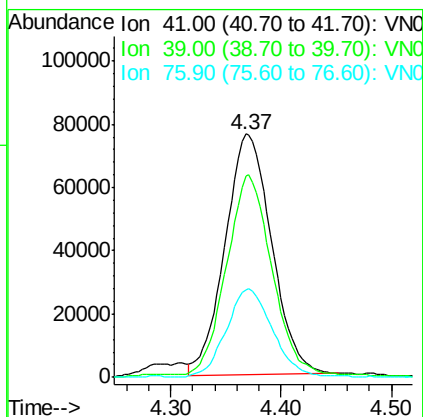
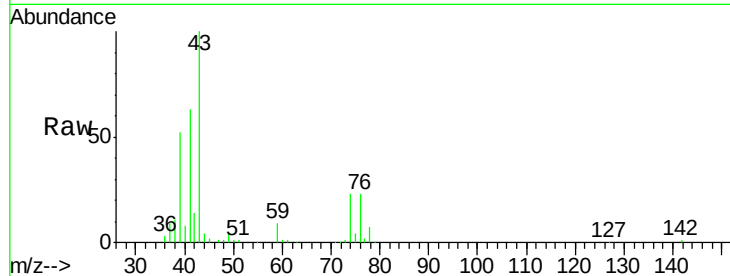




#15
 Allyl chloride
 Concen: 18.89 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

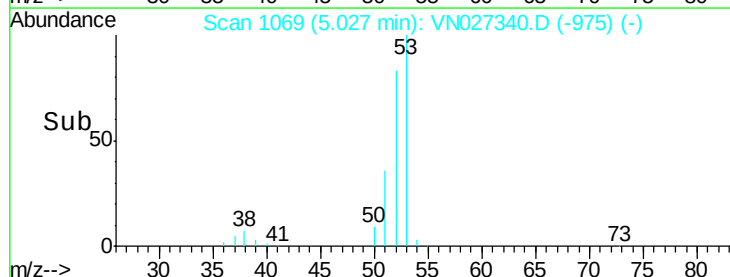
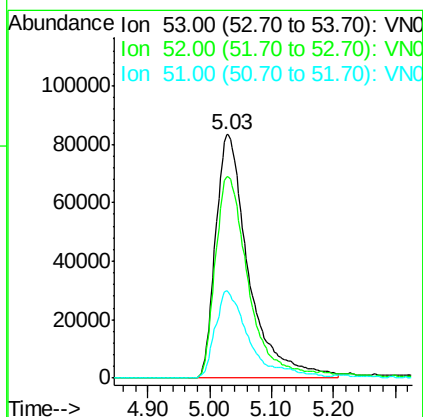
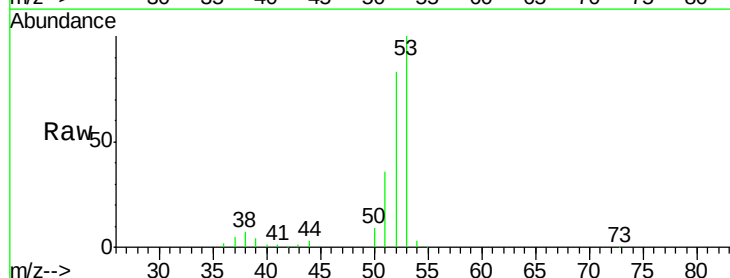
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

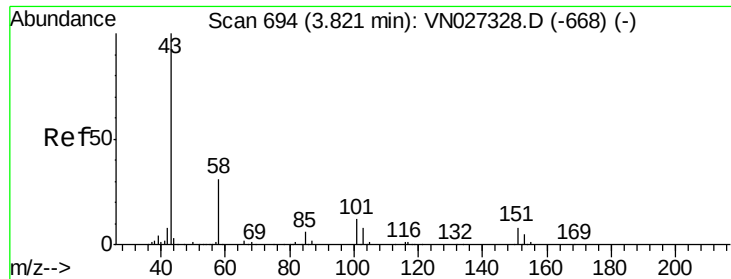
Tgt Ion: 41 Resp: 222783
 Ion Ratio Lower Upper
 41 100
 39 80.3 49.7 74.5#
 76 35.9 24.8 37.2



#16
 Acrylonitrile
 Concen: 103.11 ug/l
 RT: 5.03 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 53 Resp: 309666
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.9 100.3
 51 36.6 27.4 41.0





#17

Acetone

Concen: 99.83 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

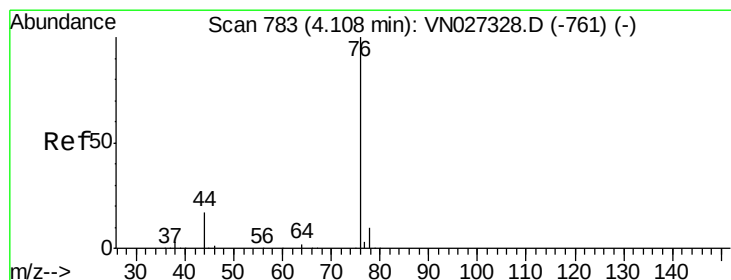
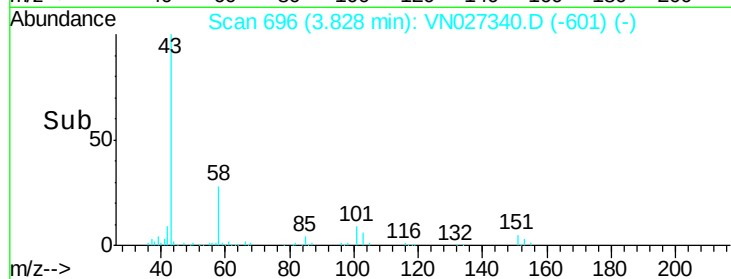
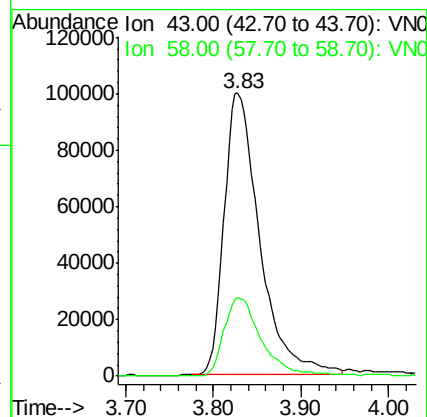
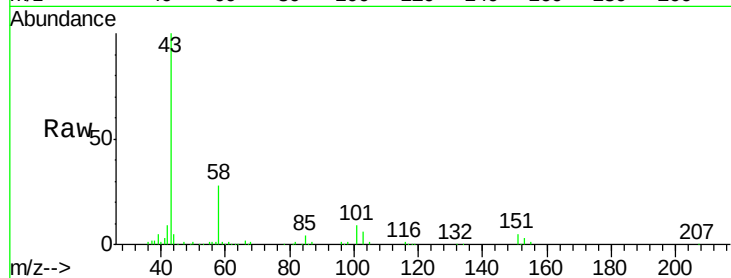
VN0921WBS01

Tgt Ion: 43 Resp: 281564

Ion Ratio Lower Upper

43 100

58 27.6 25.4 38.0



#18

Carbon Disulfide

Concen: 18.67 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027340.D

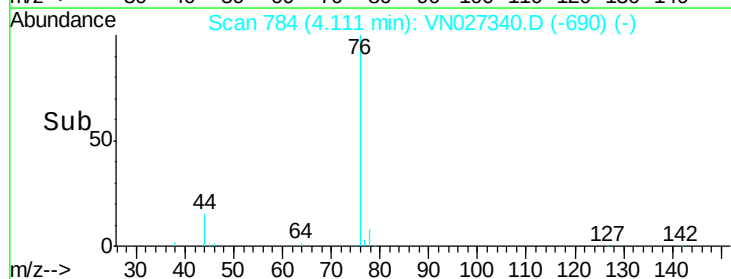
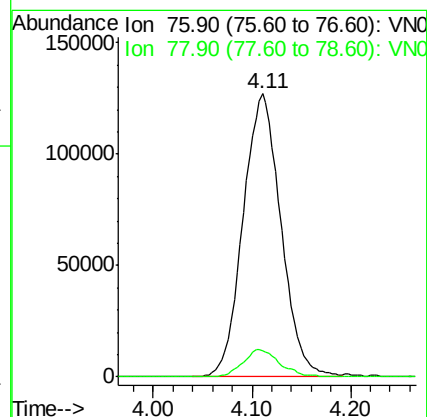
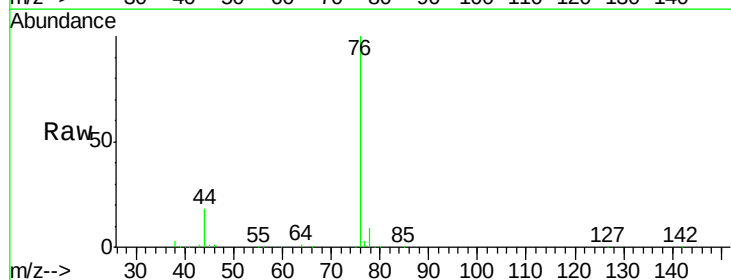
Acq: 21 Sep 2015 19:36

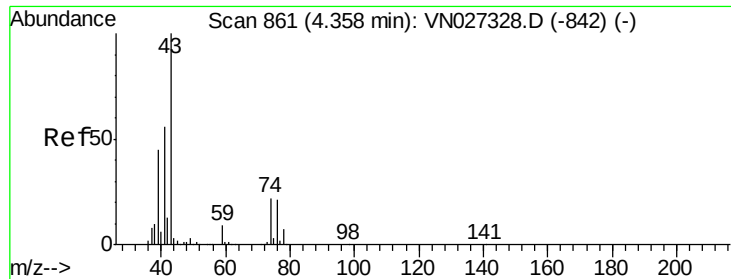
Tgt Ion: 76 Resp: 338171

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

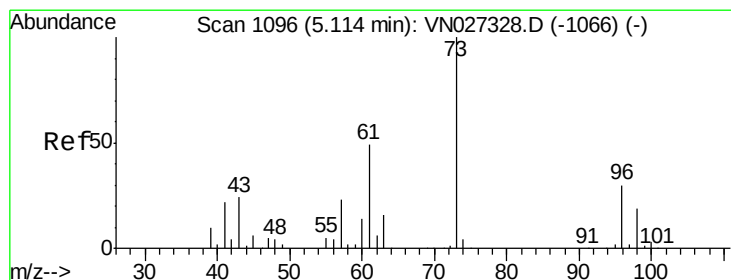
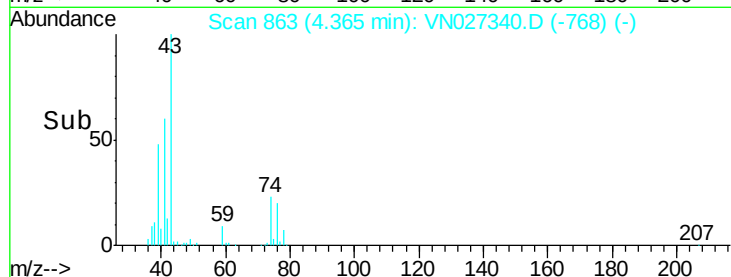
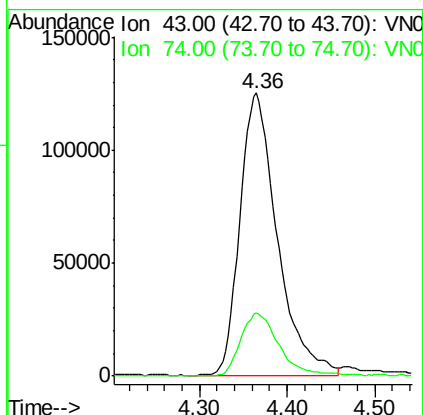
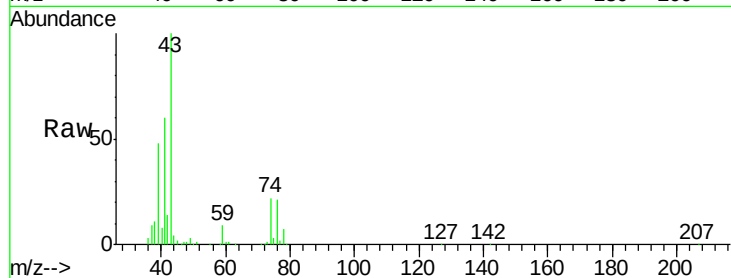




#19
Methyl Acetate
Concen: 21.23 ug/l
RT: 4.36 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

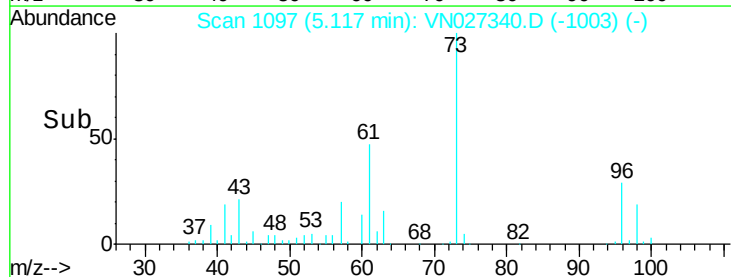
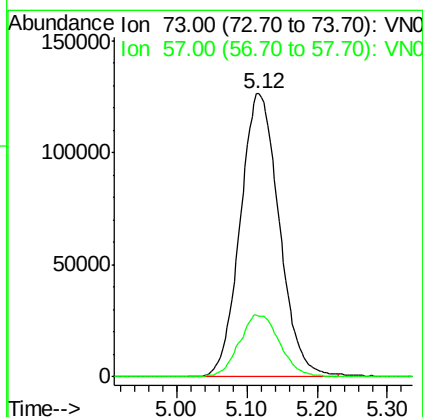
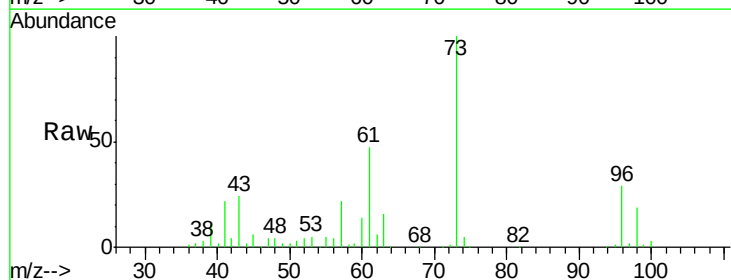
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

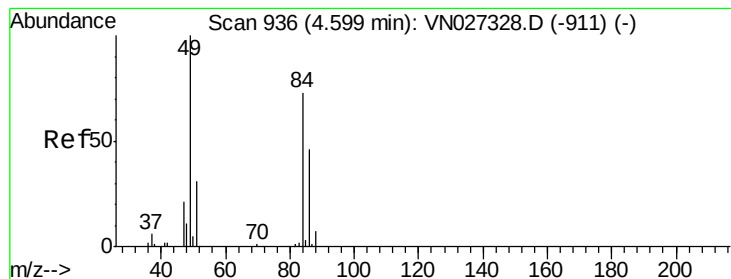
Tgt Ion: 43 Resp: 371441
Ion Ratio Lower Upper
43 100
74 22.4 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 20.20 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Tgt Ion: 73 Resp: 487715
Ion Ratio Lower Upper
73 100
57 21.6 19.8 29.6





#21

Methylene Chloride

Concen: 19.87 ug/l

RT: 4.60 min Scan# 936

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

Tgt Ion: 84 Resp: 149224

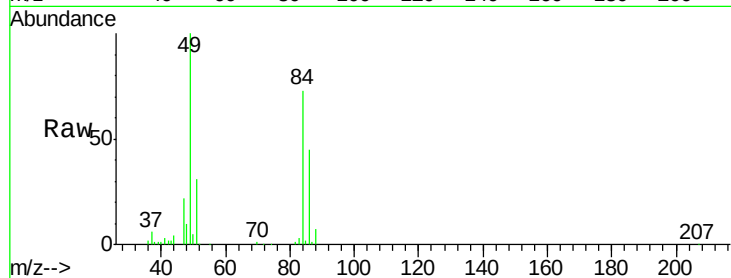
Ion Ratio Lower Upper

84 100

49 136.6 112.3 168.5

51 41.7 33.8 50.8

86 62.0 48.2 72.4

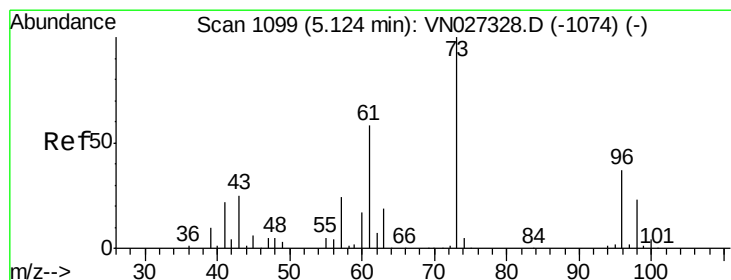
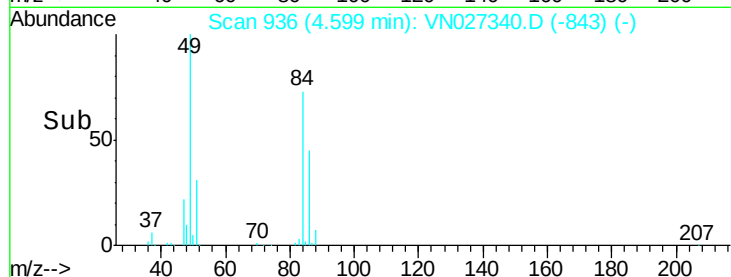
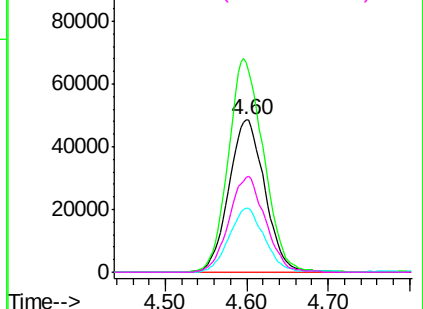


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#22

trans-1,2-Dichloroethene

Concen: 19.44 ug/l

RT: 5.13 min Scan# 1101

Delta R.T. 0.01 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

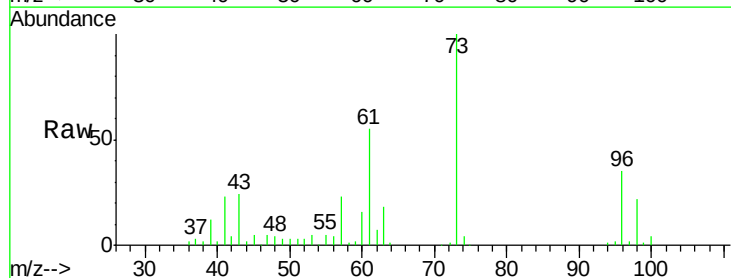
Tgt Ion: 96 Resp: 129292

Ion Ratio Lower Upper

96 100

61 156.7 126.6 189.8

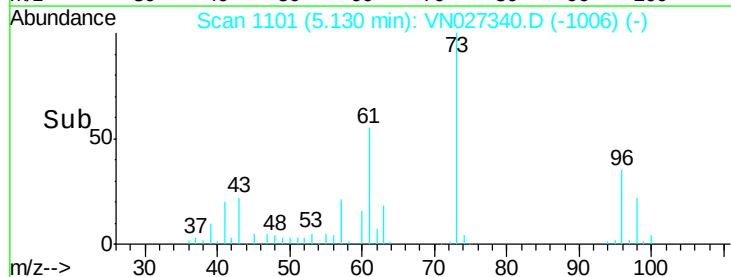
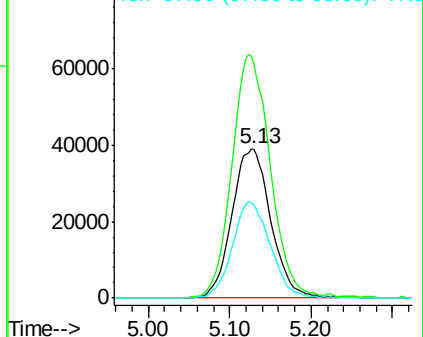
98 62.8 47.4 71.2

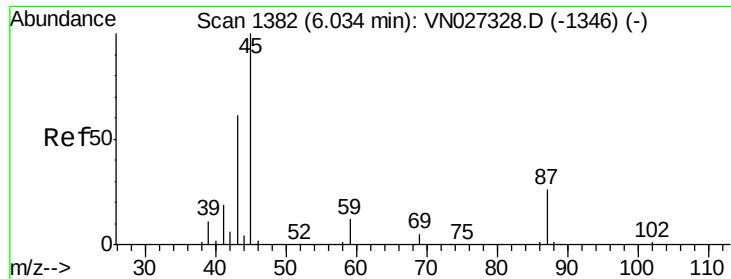


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

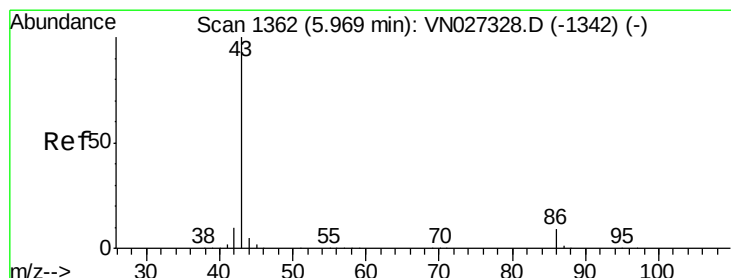
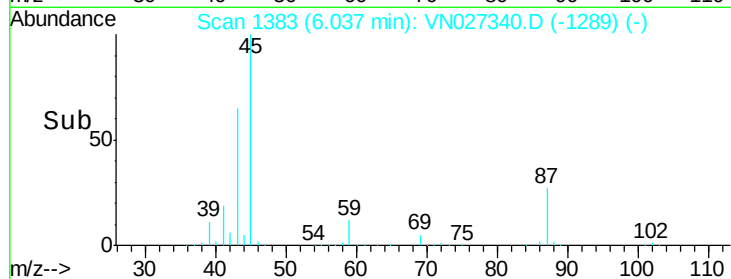
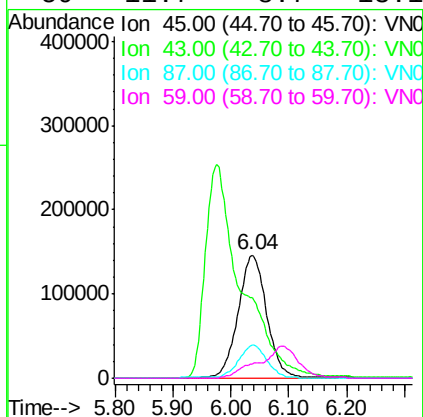
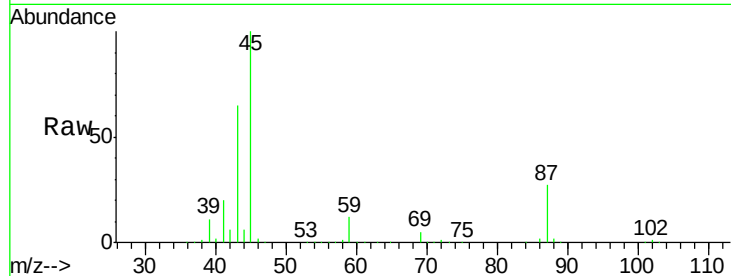




#23
 Diisopropyl ether
 Concen: 19.70 ug/l
 RT: 6.04 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

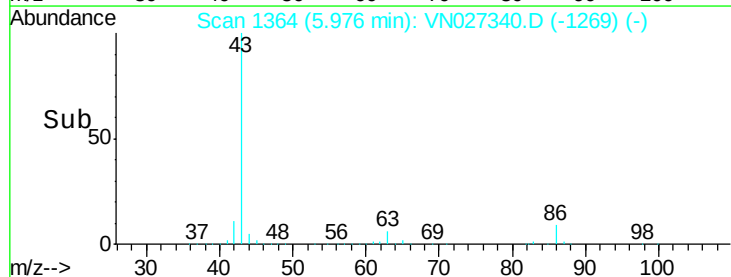
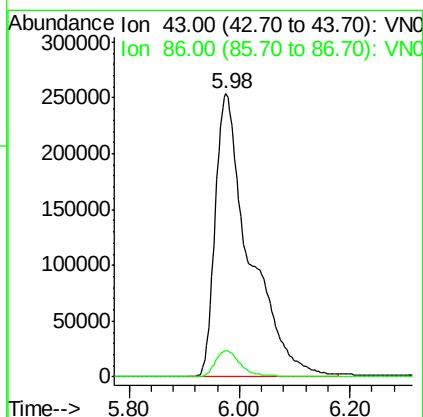
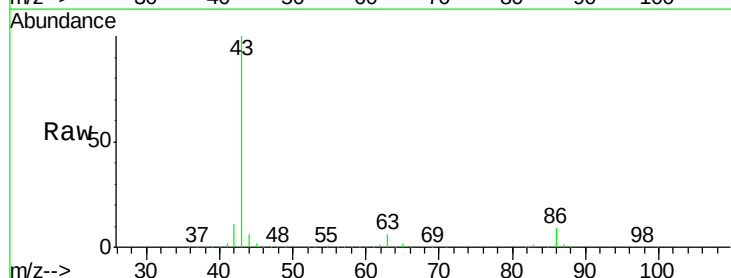
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

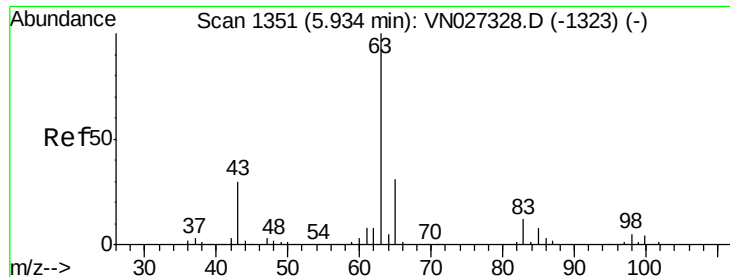
Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.8	41.0	61.6#
87	26.8	17.5	26.3#
59	11.7	8.7	13.1



#24
 Vinyl Acetate
 Concen: 131.45 ug/l
 RT: 5.98 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.1	6.9	10.3

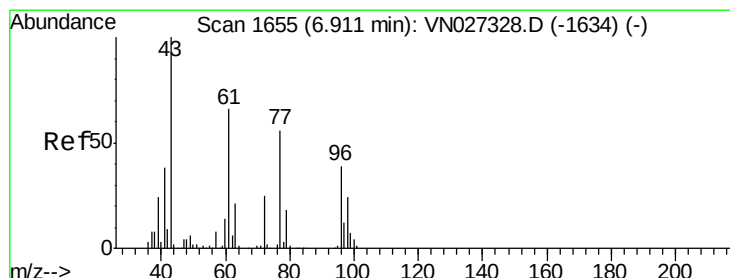
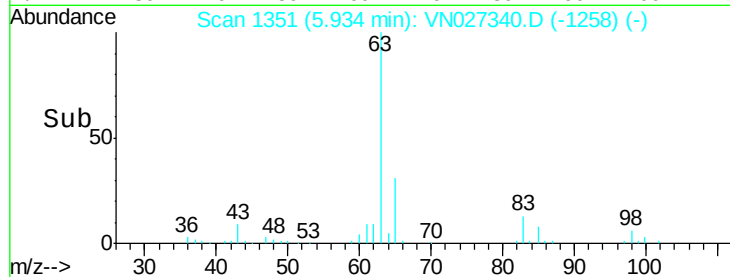
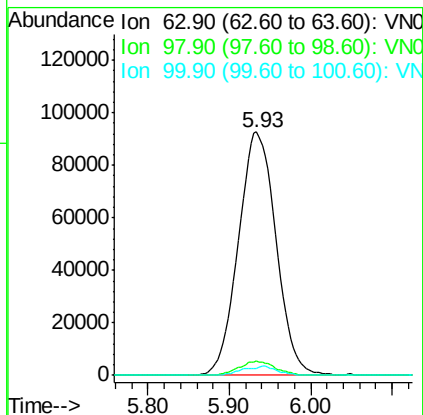
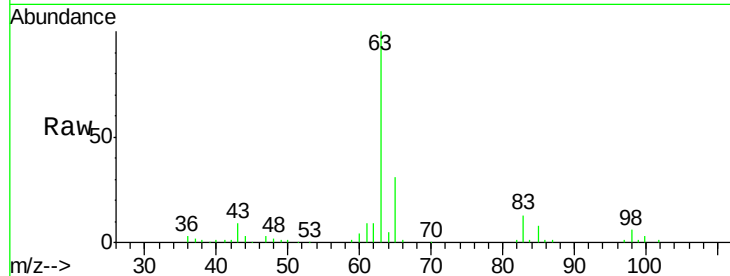




#25
 1,1-Dichloroethane
 Concen: 19.83 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

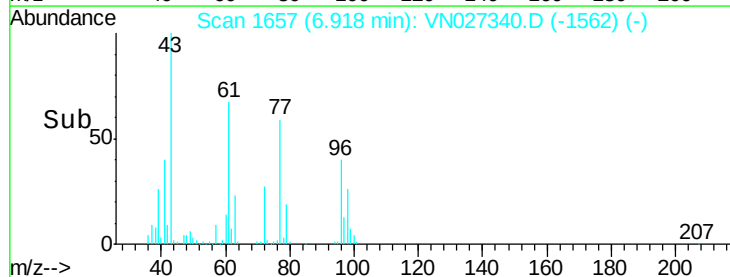
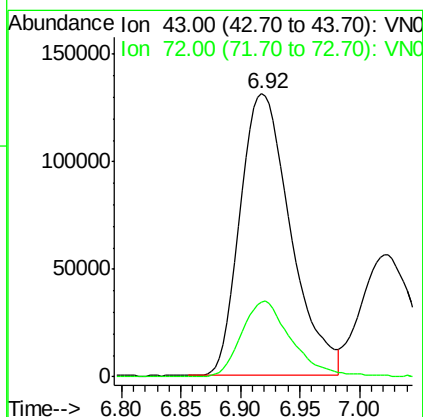
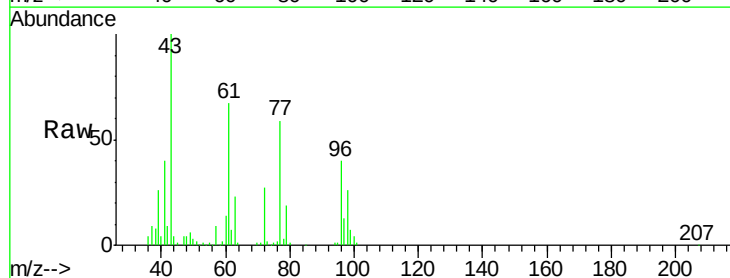
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

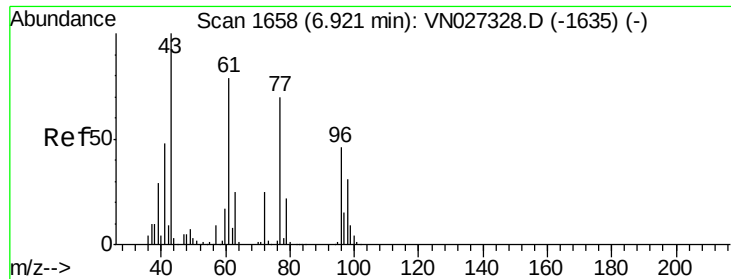
Tgt Ion: 63 Resp: 296374
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.8 8.3
 100 3.0 1.7 5.0



#26
 2-Butanone
 Concen: 104.78 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 43 Resp: 387018
 Ion Ratio Lower Upper
 43 100
 72 26.7 18.8 28.2

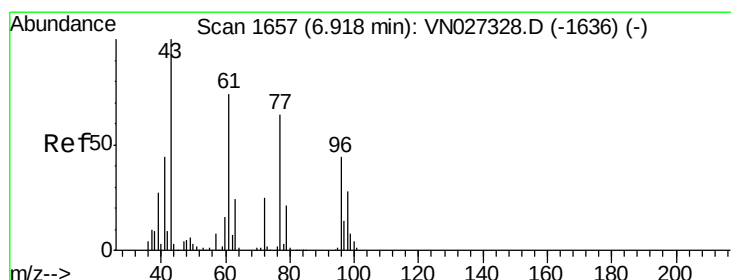
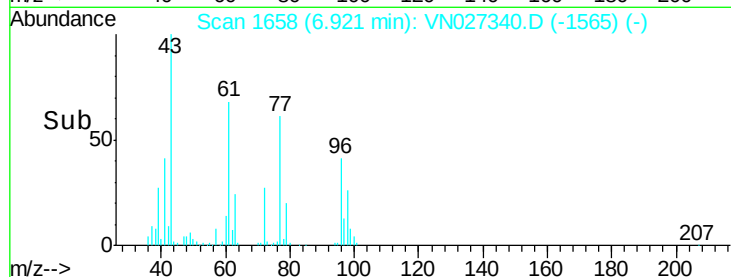
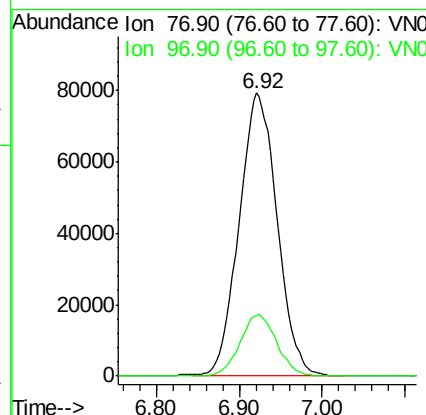
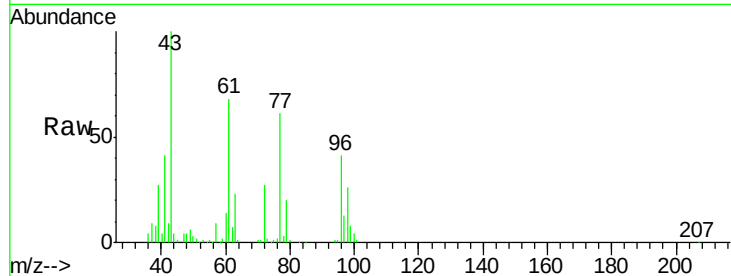




#27
 2,2-Dichloropropane
 Concen: 19.62 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

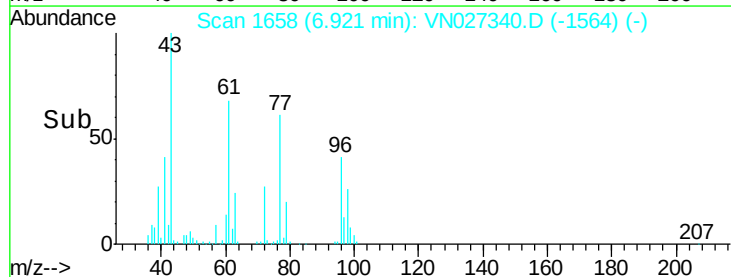
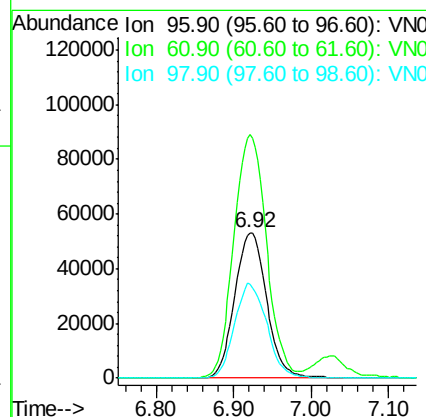
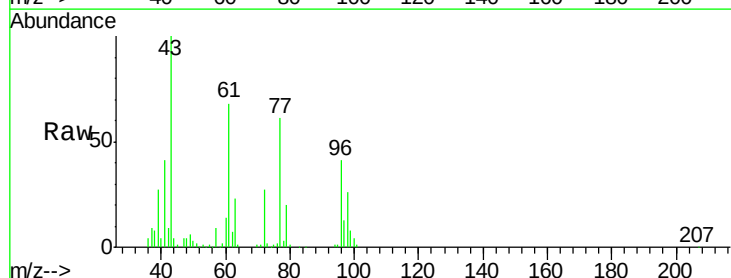
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

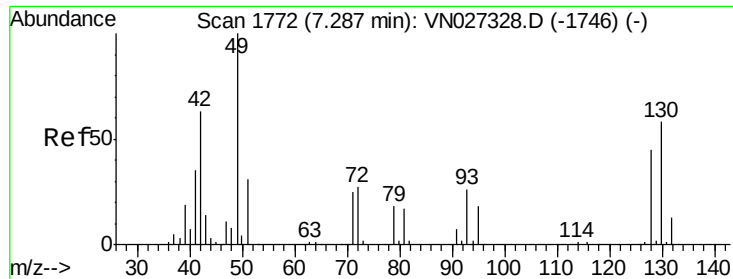
Tgt Ion: 77 Resp: 252738
 Ion Ratio Lower Upper
 77 100
 97 21.1 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 19.45 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 96 Resp: 152768
 Ion Ratio Lower Upper
 96 100
 61 170.4 0.0 329.2
 98 65.5 0.0 126.0





#29

Bromochloromethane

Concen: 20.62 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

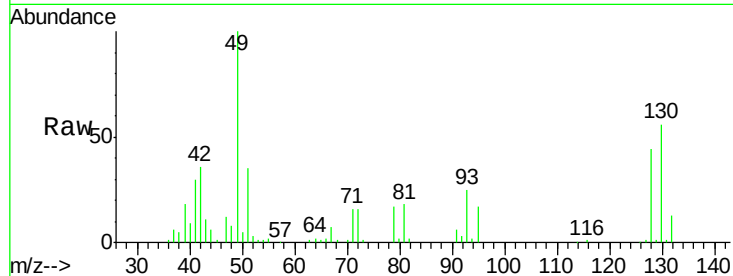
Tgt Ion: 49 Resp: 120959

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.2

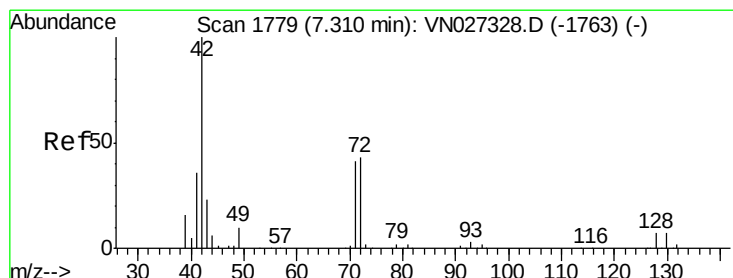
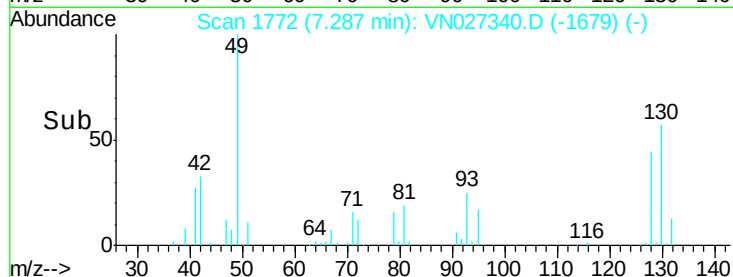
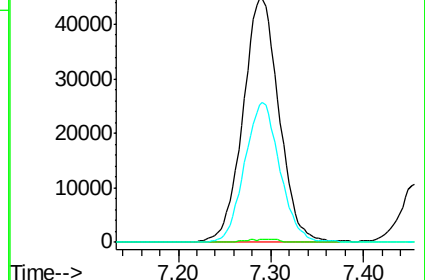
130 56.0 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0



#30

Tetrahydrofuran

Concen: 105.63 ug/l

RT: 7.32 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

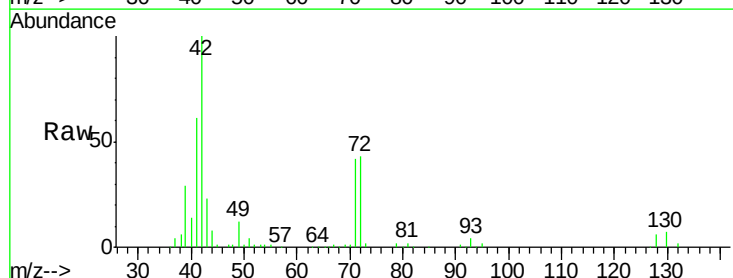
Tgt Ion: 42 Resp: 247329

Ion Ratio Lower Upper

42 100

72 44.7 29.9 44.9

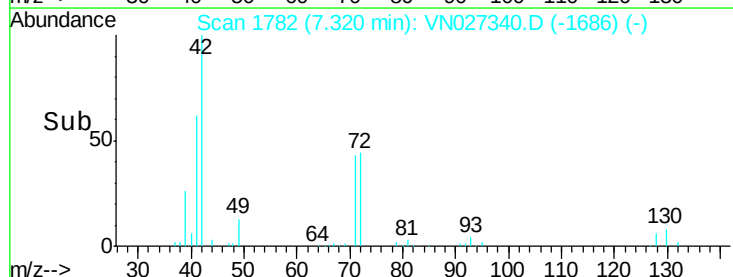
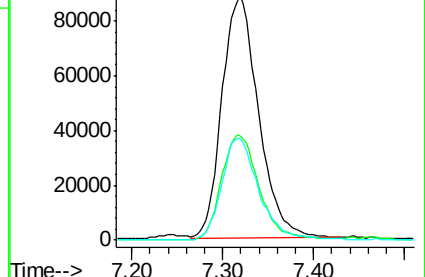
71 42.5 28.3 42.5

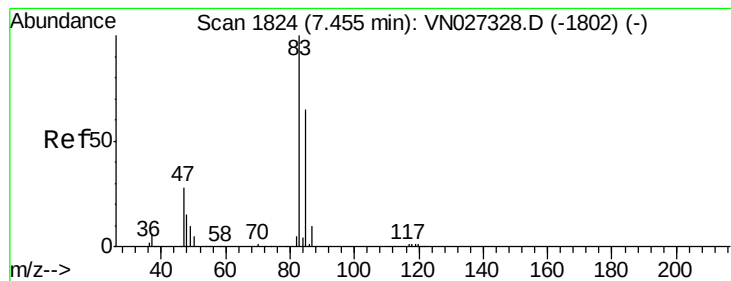


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Chloroform

Concen: 19.97 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

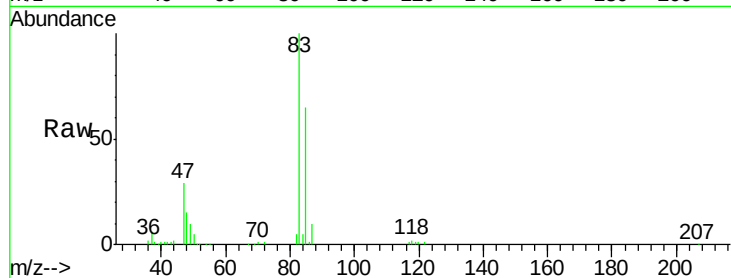
VN0921WBS01

Tgt Ion: 83 Resp: 280350

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.46

120000

100000

80000

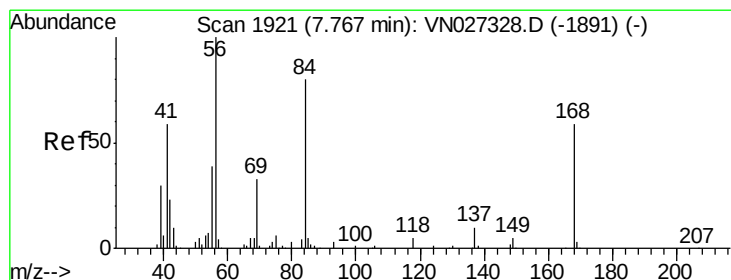
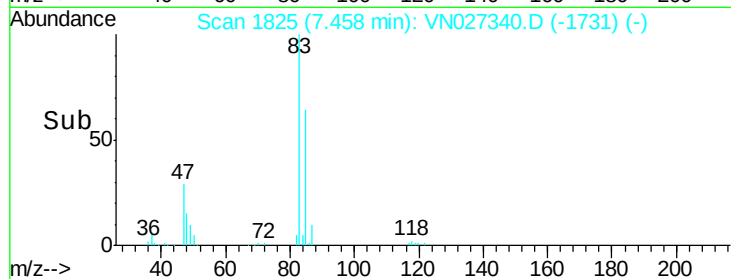
60000

40000

20000

0

Time-->



#32

Cyclohexane

Concen: 19.71 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

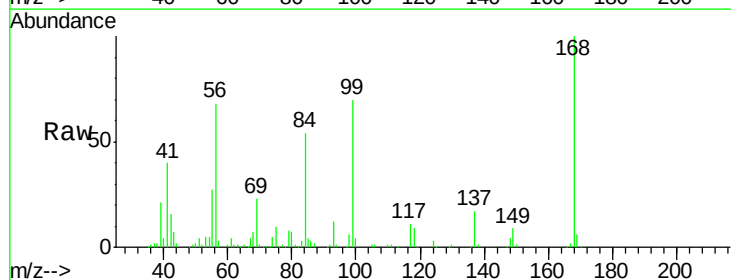
Tgt Ion: 56 Resp: 274720

Ion Ratio Lower Upper

56 100

69 34.3 23.0 34.4

84 79.6 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

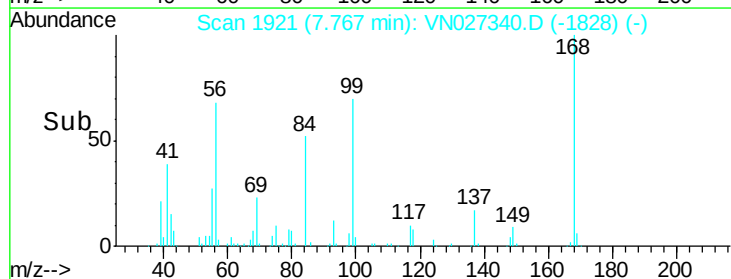
150000

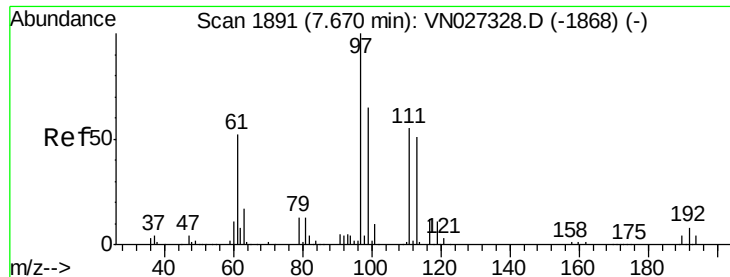
100000

50000

0

Time-->

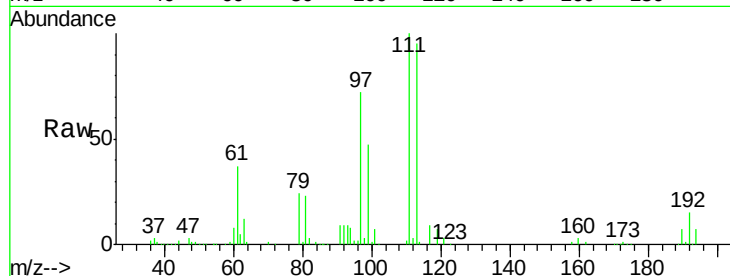




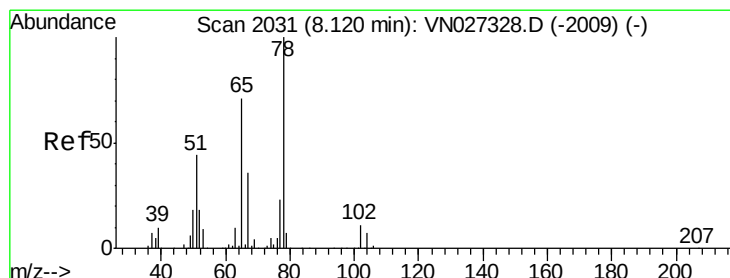
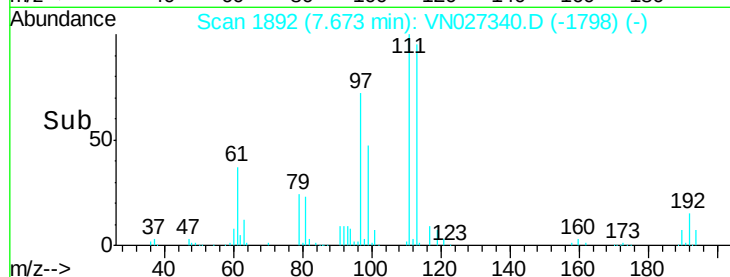
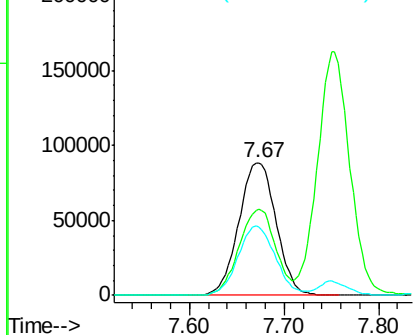
#33
 1,1,1-Trichloroethane
 Concen: 19.52 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS01

Tgt Ion: 97 Resp: 242904
 Ion Ratio Lower Upper
 97 100
 99 63.7 50.1 75.1
 61 51.8 44.0 66.0

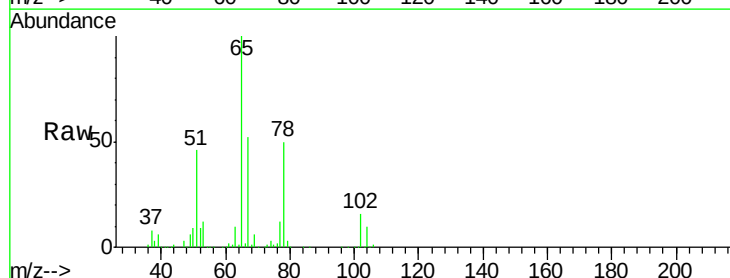


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0

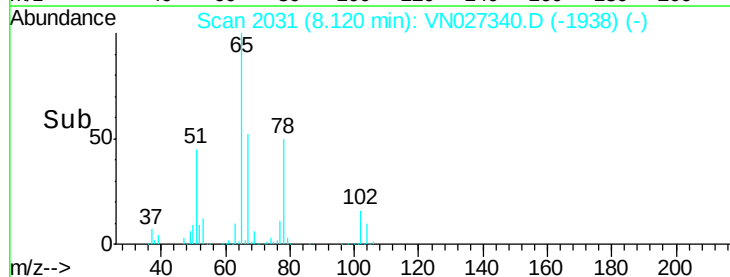
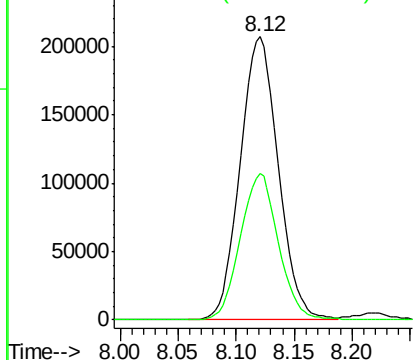


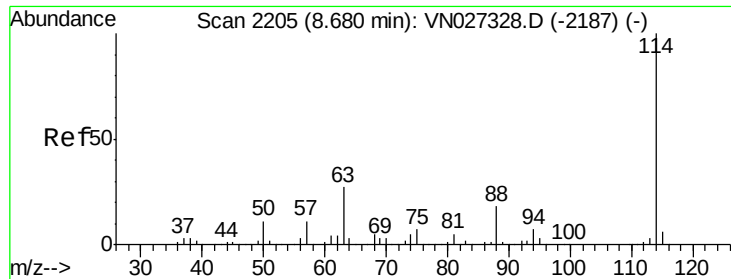
#34
 1,2-Dichloroethane-d4
 Concen: 45.84 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 65 Resp: 475219
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

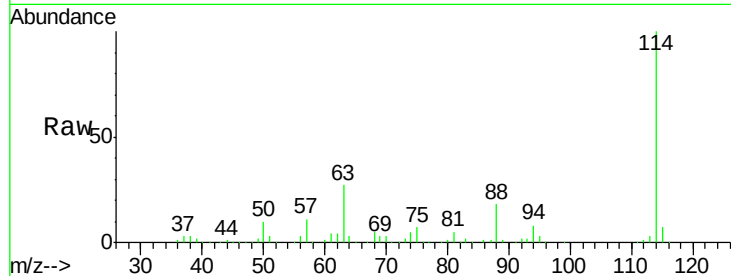




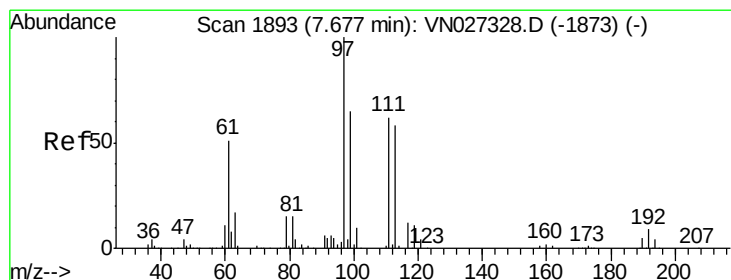
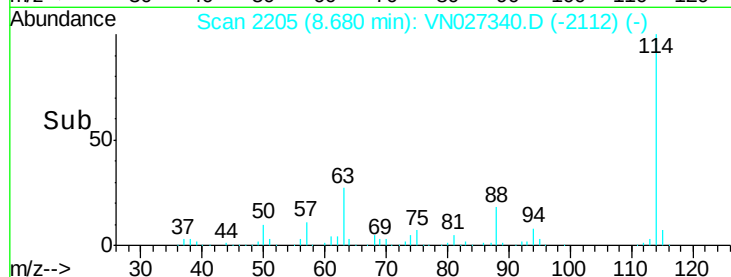
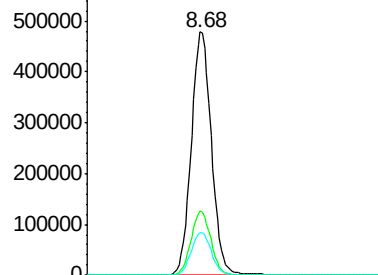
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion:114 Resp: 1012130
 Ion Ratio Lower Upper
 114 100
 63 26.6 0.0 48.8
 88 17.7 0.0 32.2

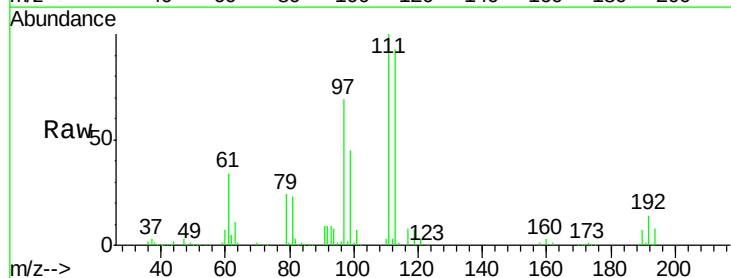


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

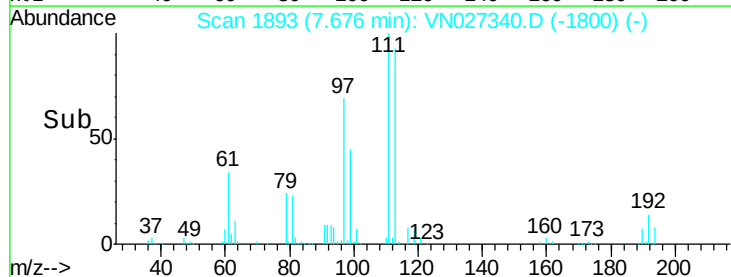
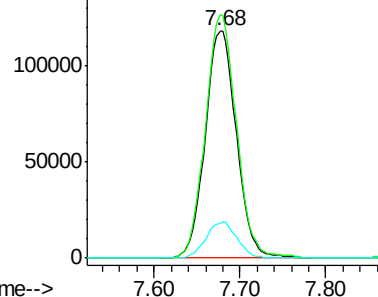


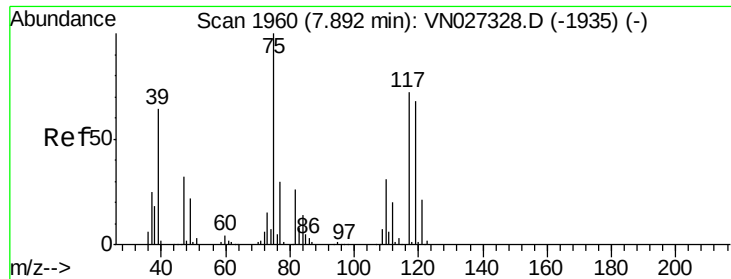
#36
 Dibromofluoromethane
 Concen: 45.17 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion:113 Resp: 298303
 Ion Ratio Lower Upper
 113 100
 111 106.7 83.0 124.4
 192 15.9 14.1 21.1



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

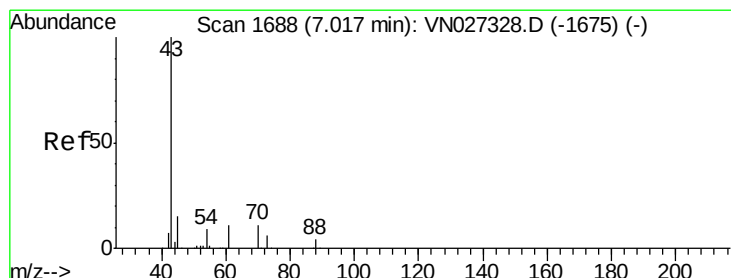
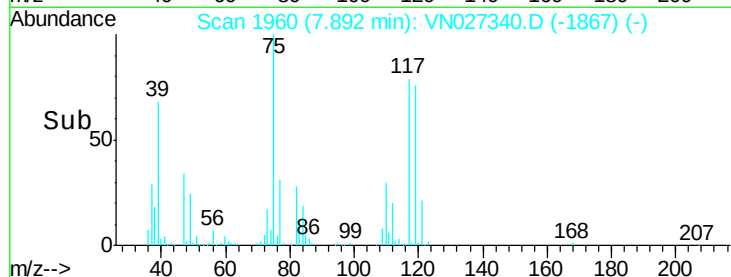
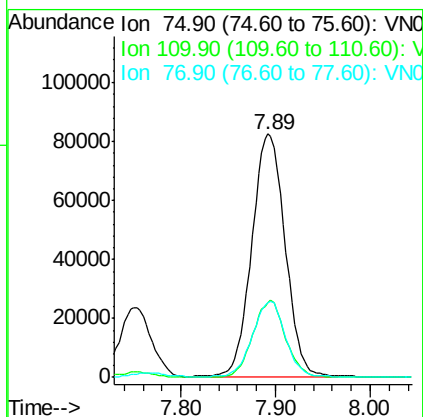
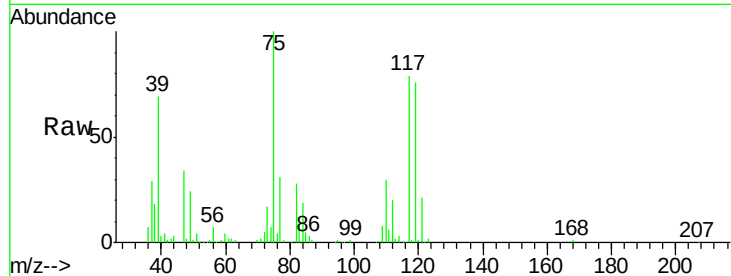




#37
 1,1-Dichloropropene
 Concen: 18.43 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

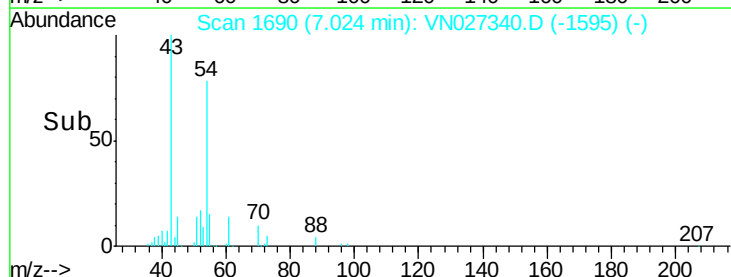
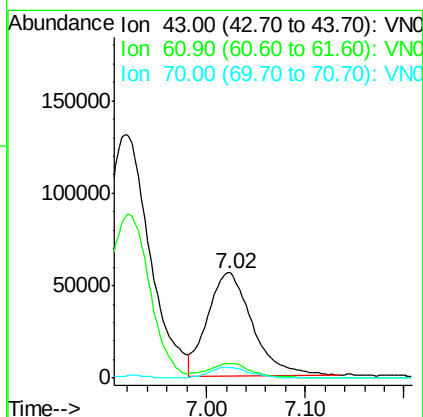
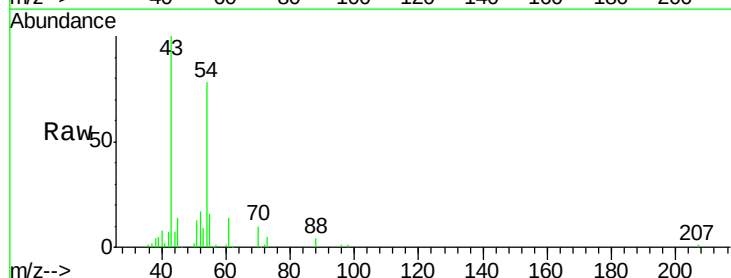
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

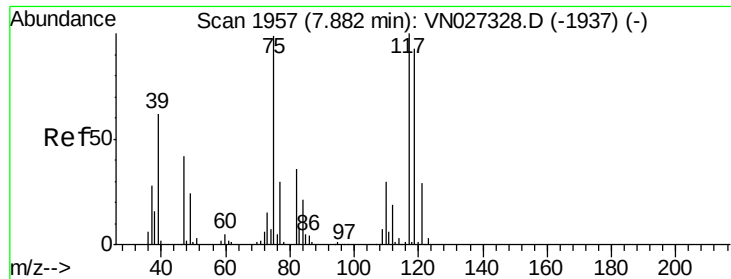
Tgt Ion: 75 Resp: 201040
 Ion Ratio Lower Upper
 75 100
 110 31.1 15.9 47.7
 77 31.5 24.9 37.3



#38
 Ethyl Acetate
 Concen: 20.89 ug/l
 RT: 7.02 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 43 Resp: 175984
 Ion Ratio Lower Upper
 43 100
 61 10.9 10.2 15.4
 70 10.1 7.4 11.0

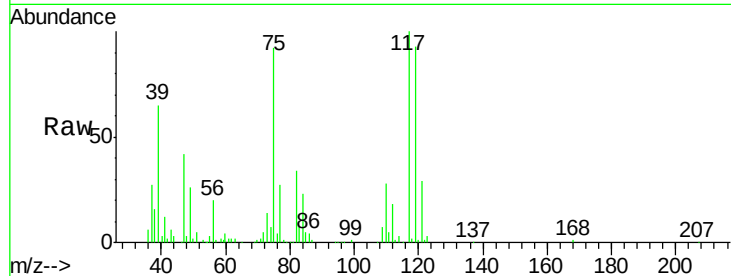




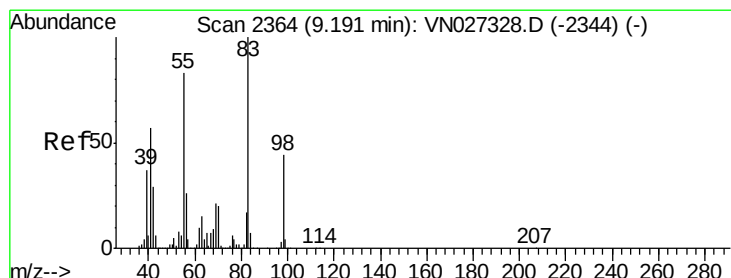
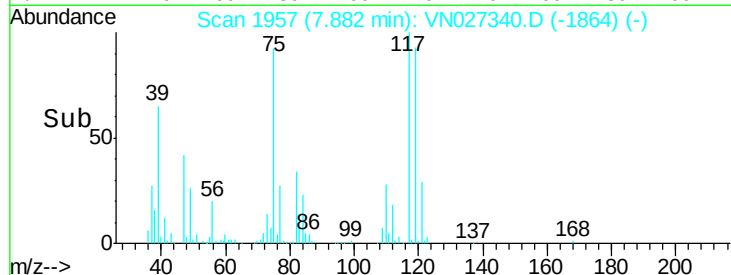
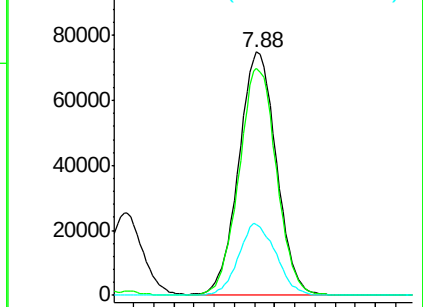
#39
Carbon Tetrachloride
Concen: 18.87 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Tgt Ion: 117 Resp: 193712
Ion Ratio Lower Upper
117 100
119 93.1 75.3 112.9
121 29.3 23.8 35.8

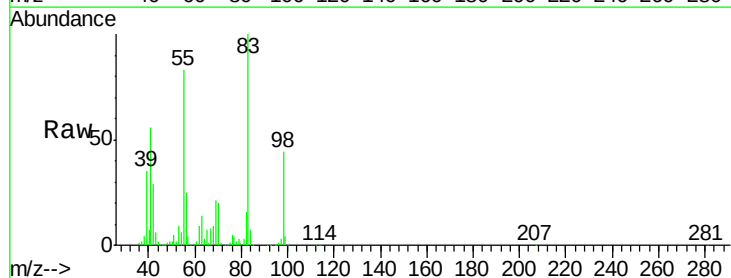


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

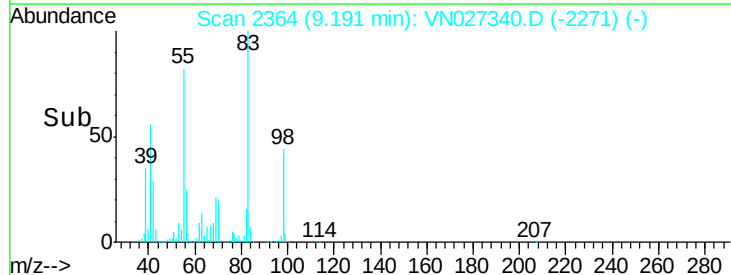
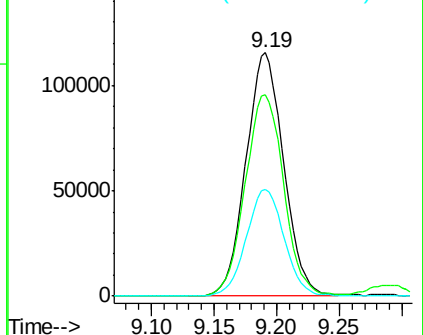


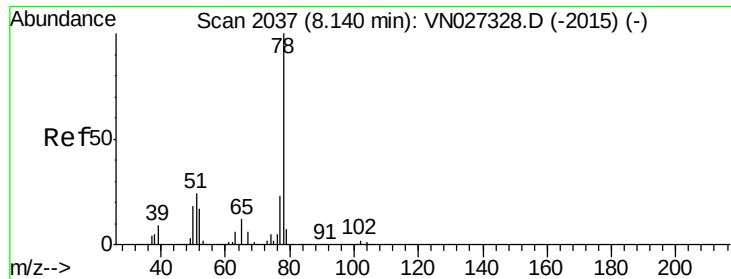
#40
Methylcyclohexane
Concen: 18.71 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Tgt Ion: 83 Resp: 242392
Ion Ratio Lower Upper
83 100
55 82.4 69.8 104.8
98 44.0 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: 19.37 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

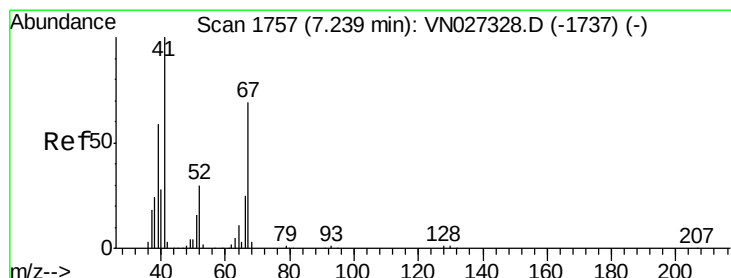
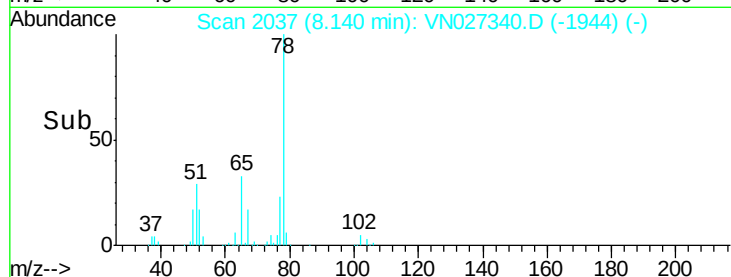
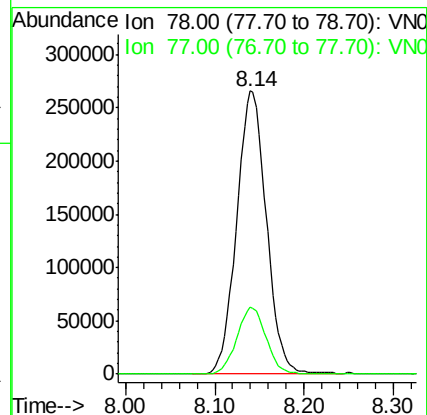
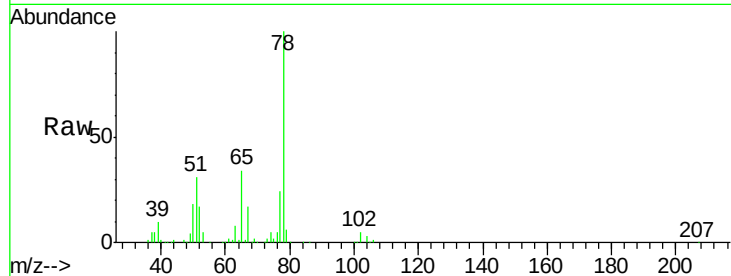
VN0921WBS01

Tgt Ion: 78 Resp: 613321

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



#42

Methacrylonitrile

Concen: 19.52 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Tgt Ion: 41 Resp: 97052

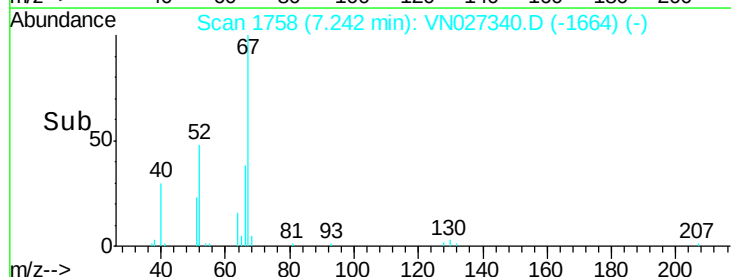
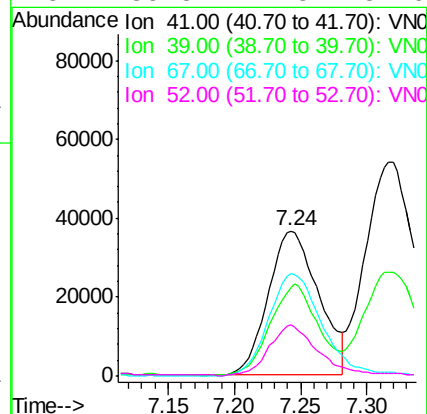
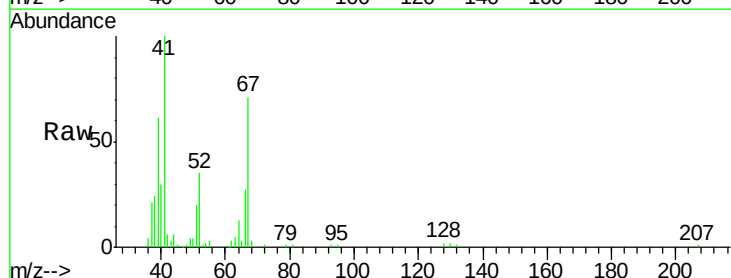
Ion Ratio Lower Upper

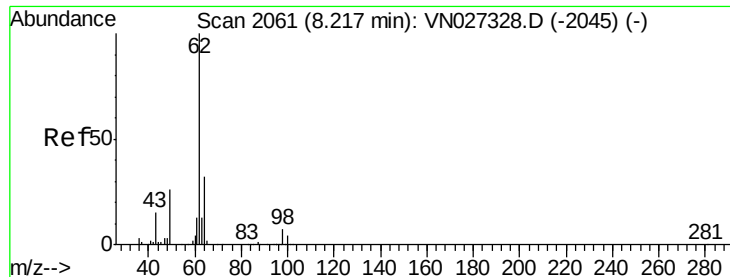
41 100

39 61.6 43.0 64.6

67 75.6 52.2 78.2

52 35.8 21.3 31.9#

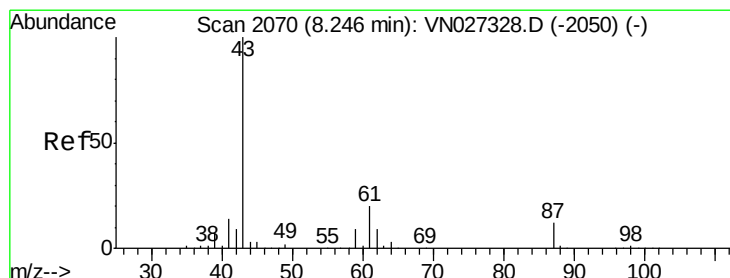
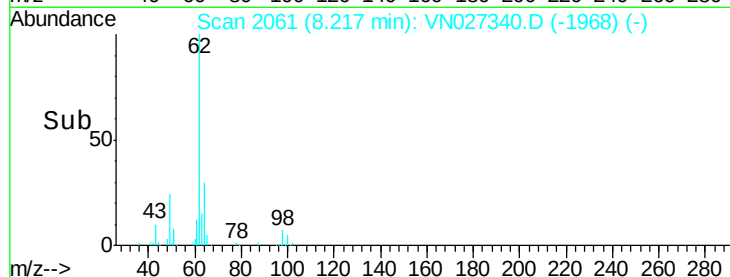
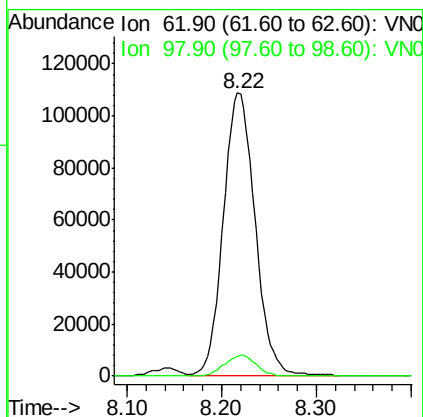
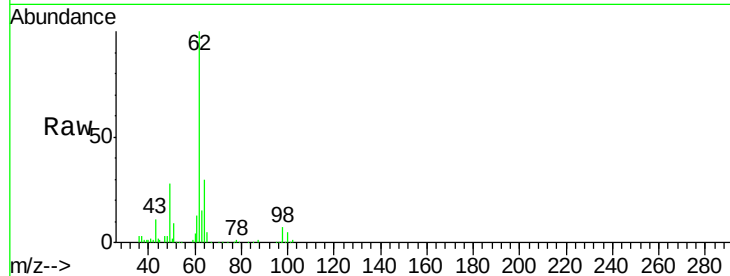




#43
 1,2-Dichloroethane
 Concen: 19.62 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

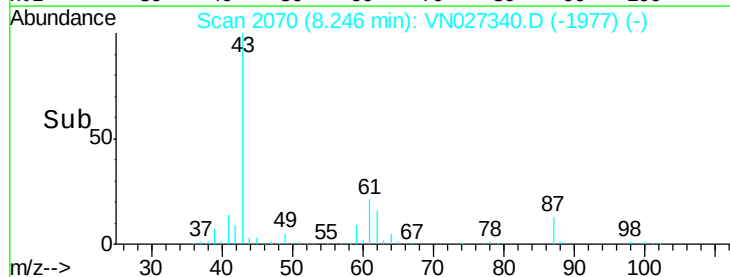
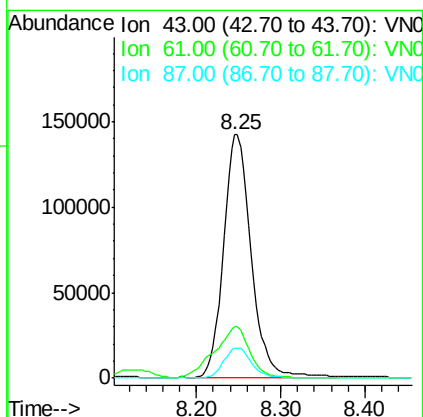
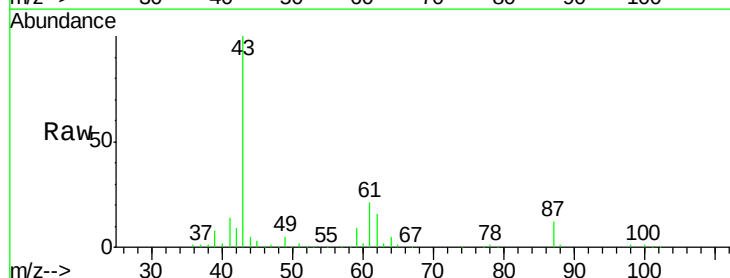
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

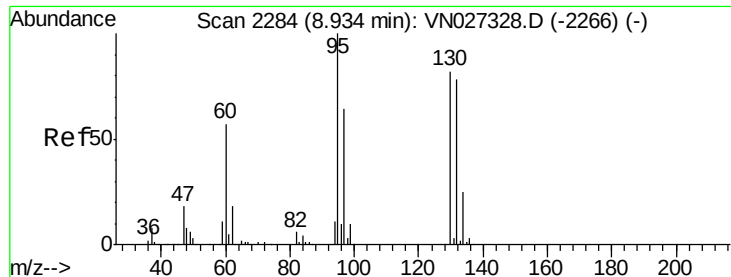
Tgt Ion: 62 Resp: 253282
 Ion Ratio Lower Upper
 62 100
 98 7.4 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 19.93 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 43 Resp: 320920
 Ion Ratio Lower Upper
 43 100
 61 26.9 20.6 31.0
 87 12.7 8.6 13.0





#45

Trichloroethene

Concen: 18.99 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

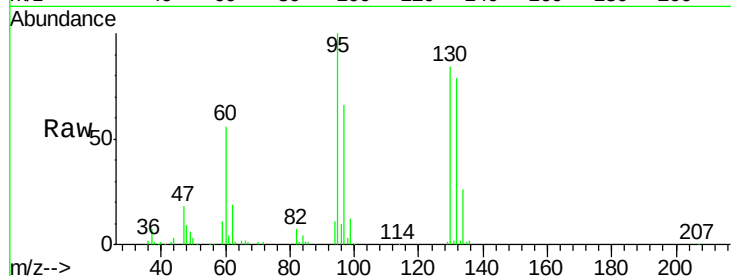
VN0921WBS01

Tgt Ion:130 Resp: 120459

Ion Ratio Lower Upper

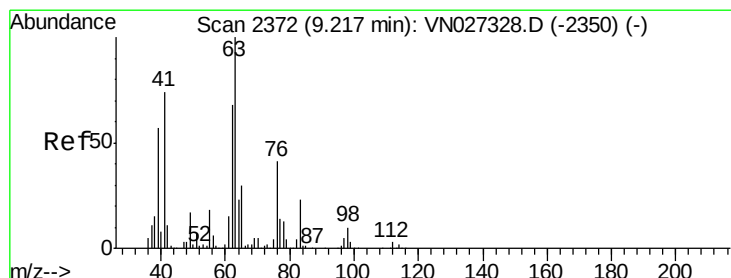
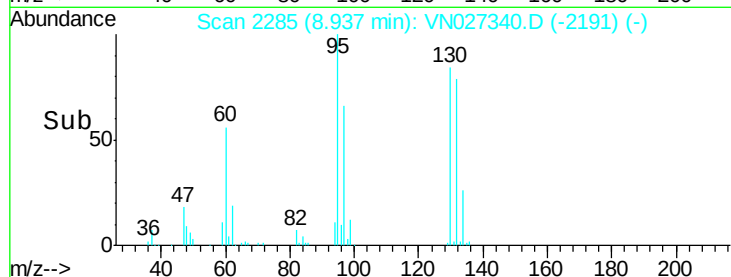
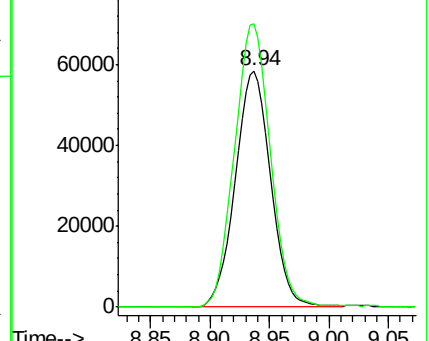
130 100

95 119.6 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

1,2-Dichloropropane

Concen: 19.56 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN027340.D

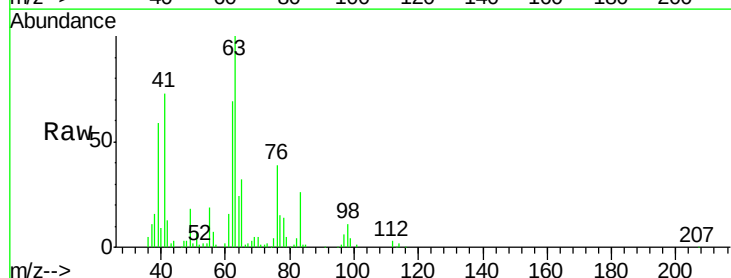
Acq: 21 Sep 2015 19:36

Tgt Ion: 63 Resp: 173291

Ion Ratio Lower Upper

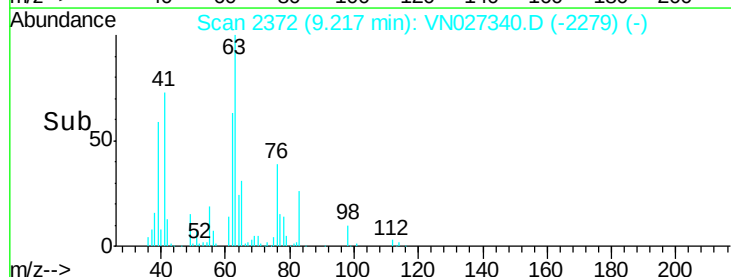
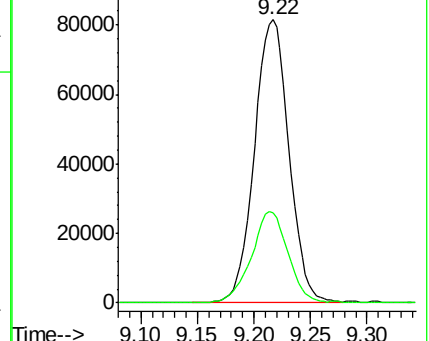
63 100

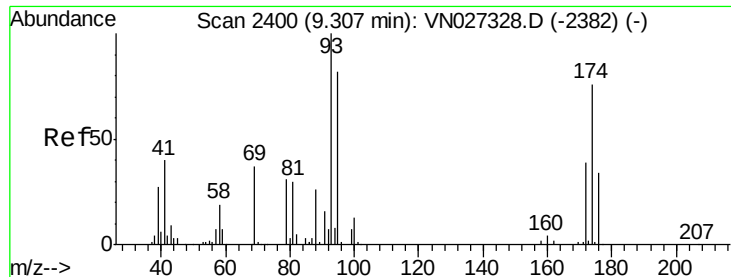
65 31.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

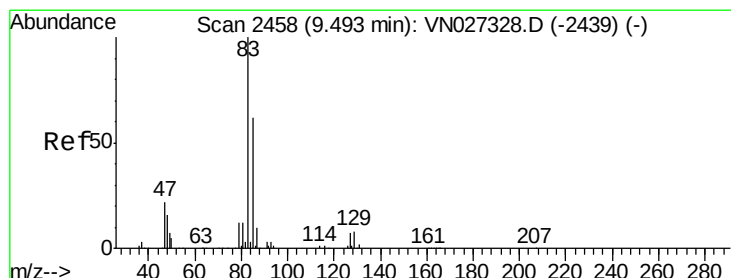
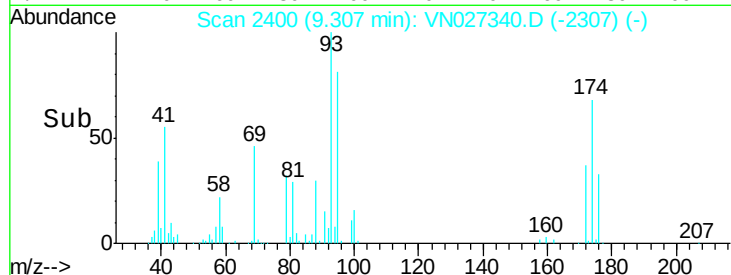
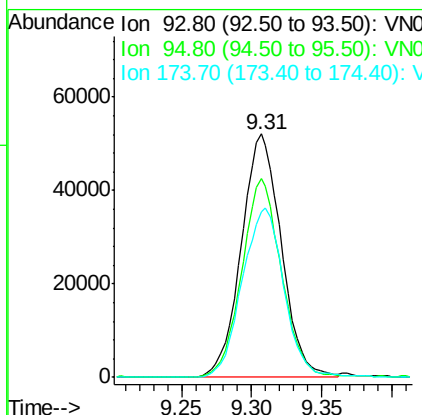
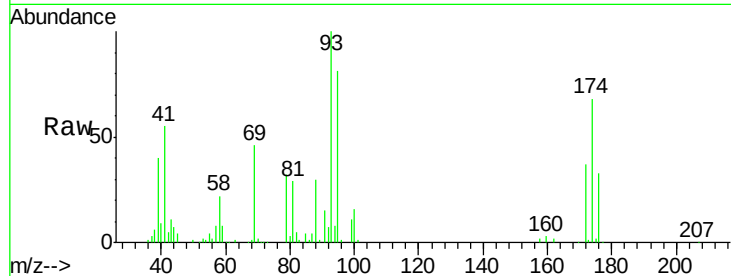




#47
 Dibromomethane
 Concen: 19.47 ug/l
 RT: 9.31 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

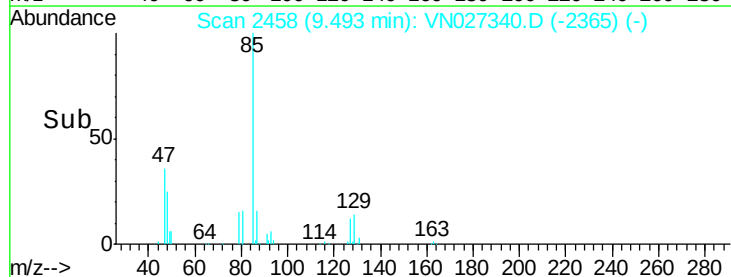
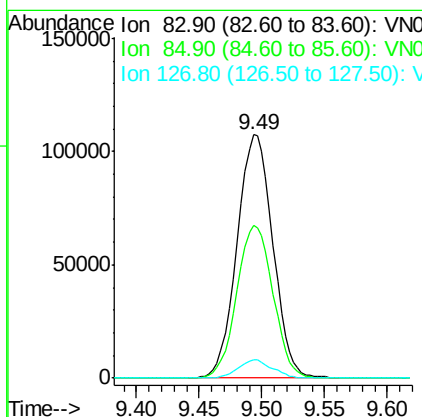
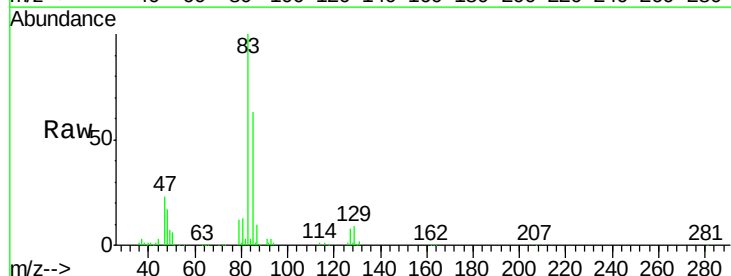
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

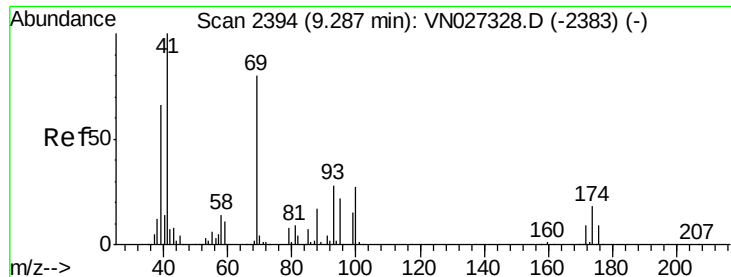
Tgt Ion: 93 Resp: 103556
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.3 99.5
 174 72.3 67.8 101.6



#48
 Bromodichloromethane
 Concen: 18.94 ug/l
 RT: 9.49 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 83 Resp: 213648
 Ion Ratio Lower Upper
 83 100
 85 62.5 50.7 76.1
 127 7.6 5.5 8.3

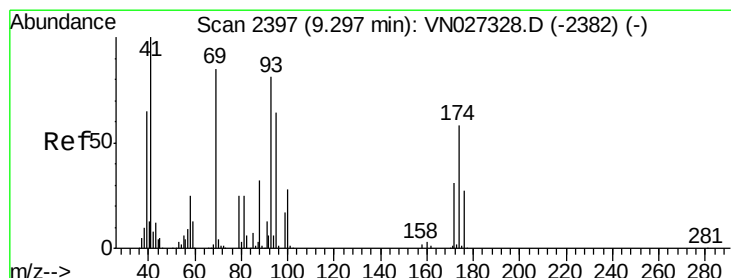
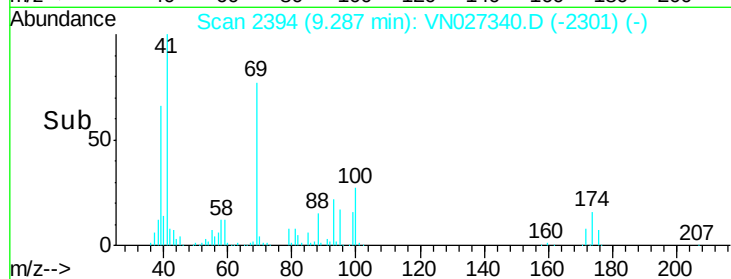
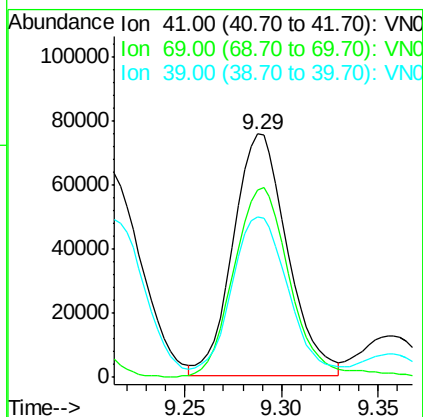
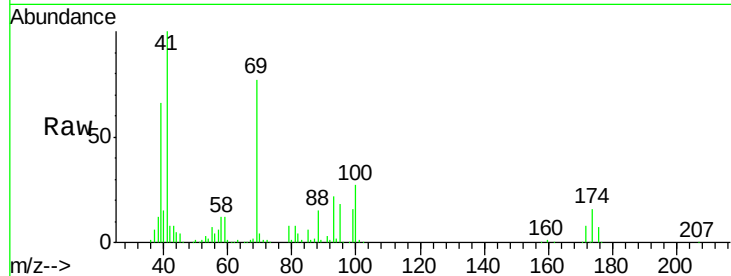




#49
Methyl methacrylate
Concen: 19.51 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

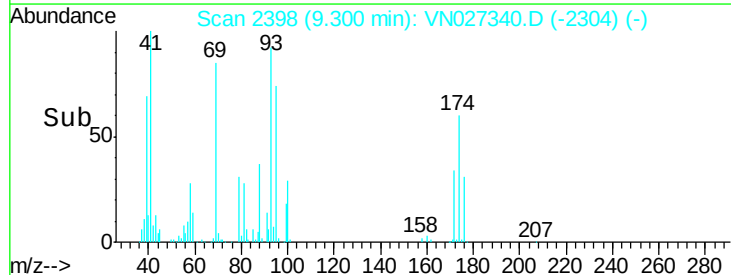
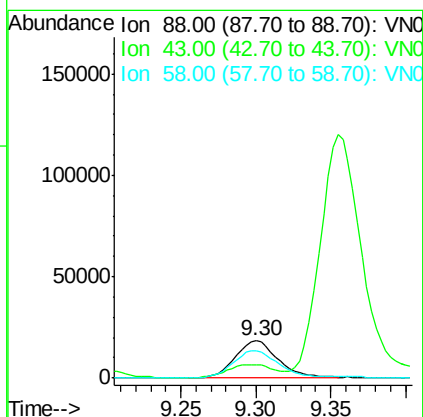
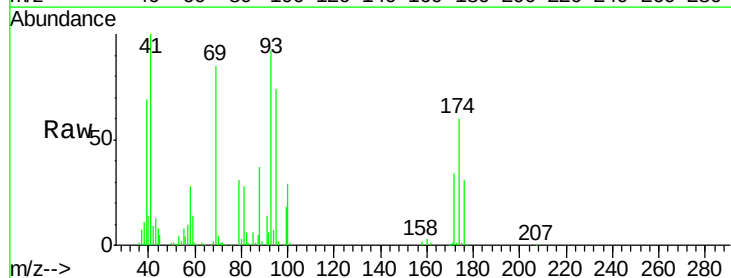
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

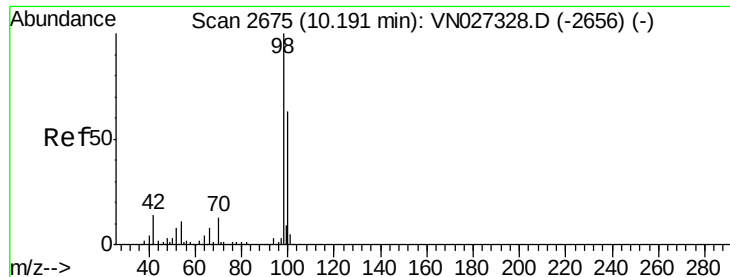
Tgt Ion: 41 Resp: 147845
Ion Ratio Lower Upper
41 100
69 81.3 59.3 88.9
39 68.9 39.5 59.3#



#50
1,4-Dioxane
Concen: 403.63 ug/l
RT: 9.30 min Scan# 2398
Delta R.T. 0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Tgt Ion: 88 Resp: 36912
Ion Ratio Lower Upper
88 100
43 36.4 27.6 41.4
58 77.9 63.1 94.7





#51

Toluene-d8

Concen: 44.62 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampled :

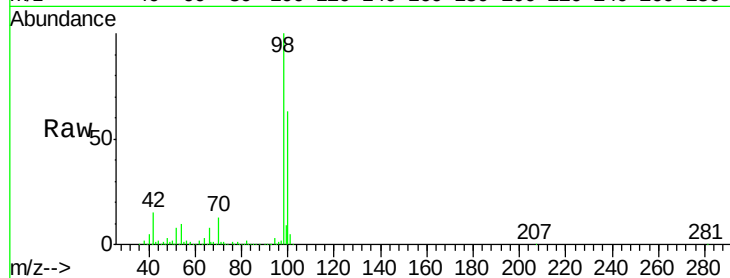
VN0921WBS01

Tgt Ion: 98 Resp: 1139247

Ion Ratio Lower Upper

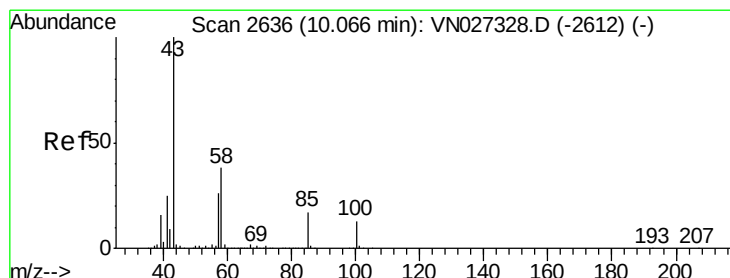
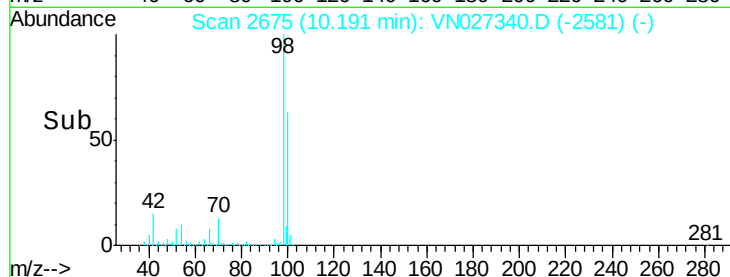
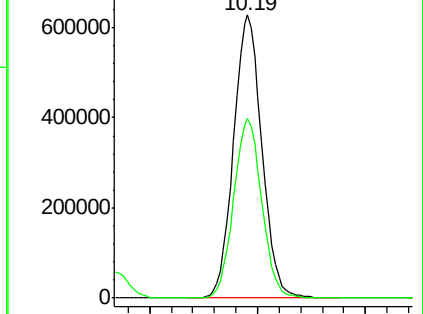
98 100

100 63.0 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: 101.93 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VN027340.D

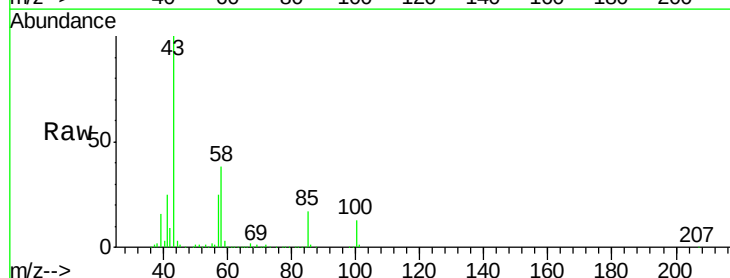
Acq: 21 Sep 2015 19:36

Tgt Ion: 43 Resp: 843992

Ion Ratio Lower Upper

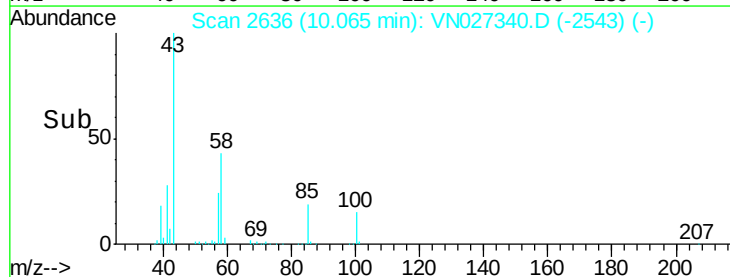
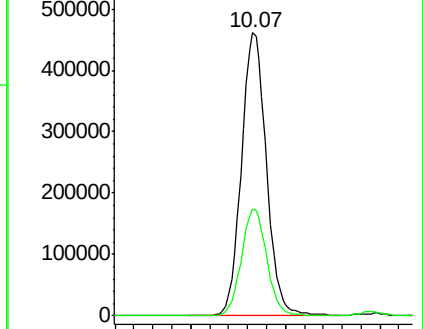
43 100

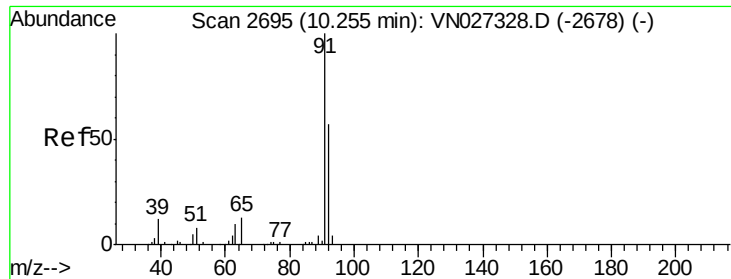
58 38.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 18.95 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

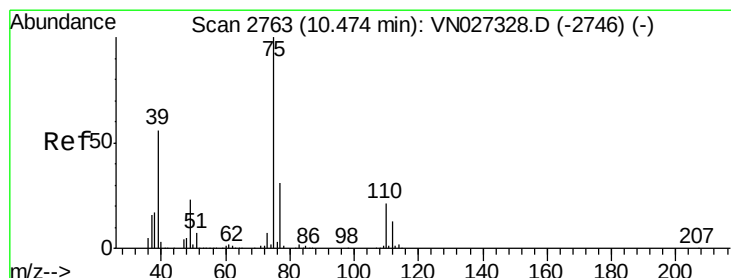
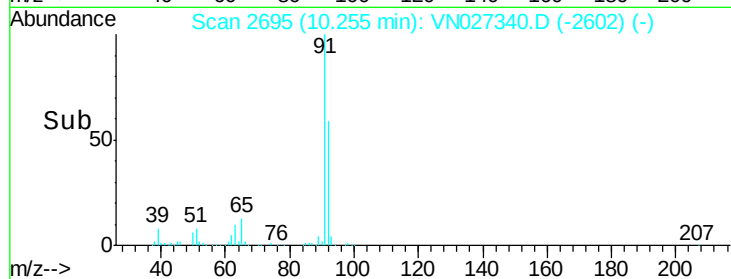
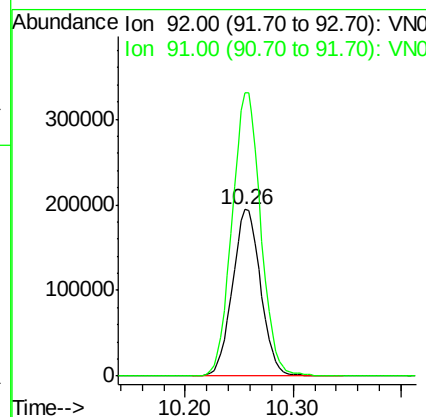
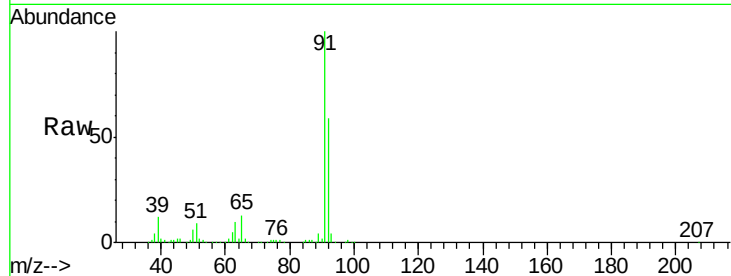
VN0921WBS01

Tgt Ion: 92 Resp: 354958

Ion Ratio Lower Upper

92 100

91 173.0 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 18.50 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VN027340.D

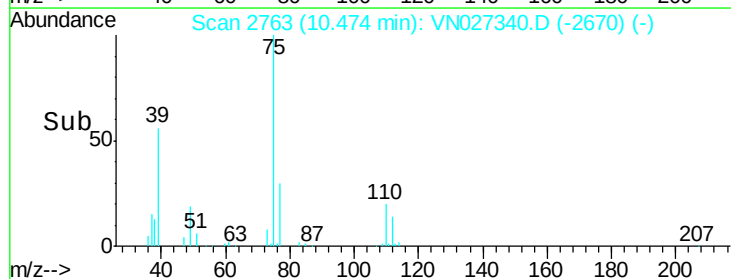
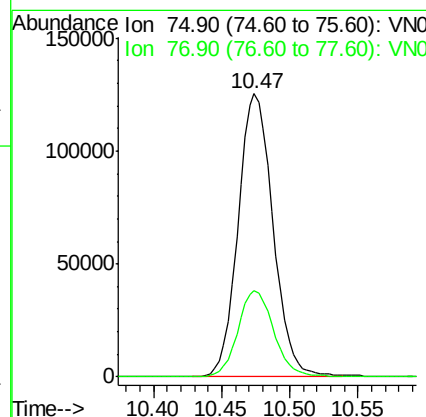
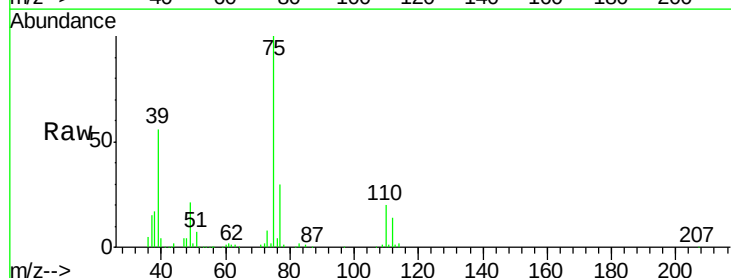
Acq: 21 Sep 2015 19:36

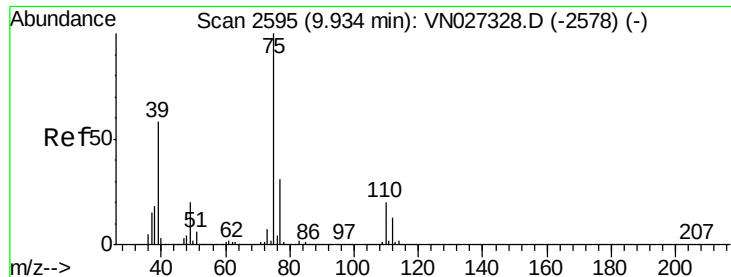
Tgt Ion: 75 Resp: 222775

Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 18.99 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

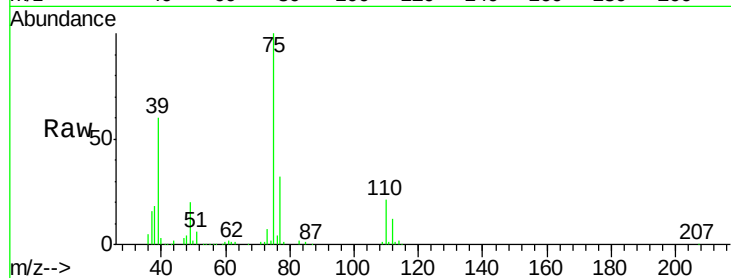
Tgt Ion: 75 Resp: 251168

Ion Ratio Lower Upper

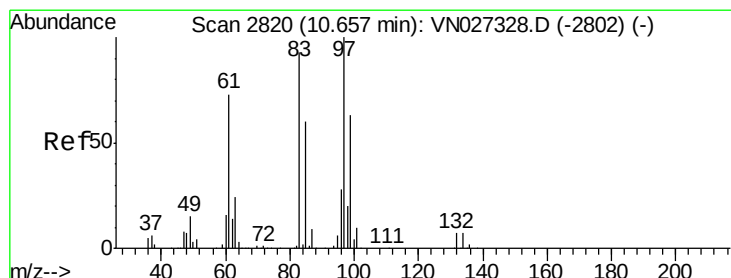
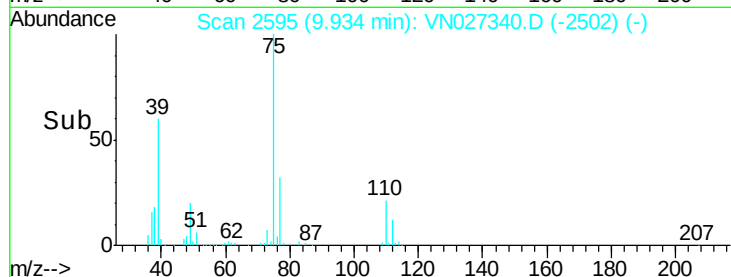
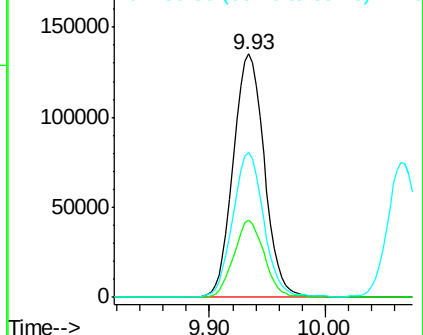
75 100

77 31.8 25.6 38.4

39 59.6 41.6 62.4



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



#56

1,1,2-Trichloroethane

Concen: 19.32 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Tgt Ion: 97 Resp: 134898

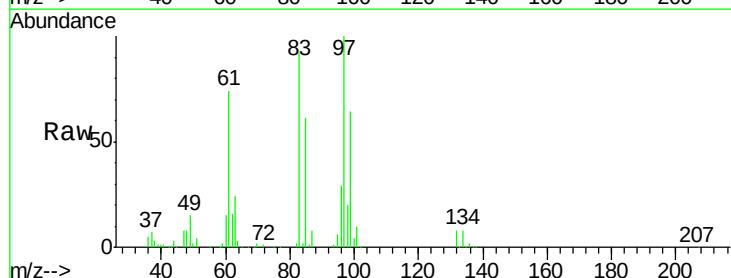
Ion Ratio Lower Upper

97 100

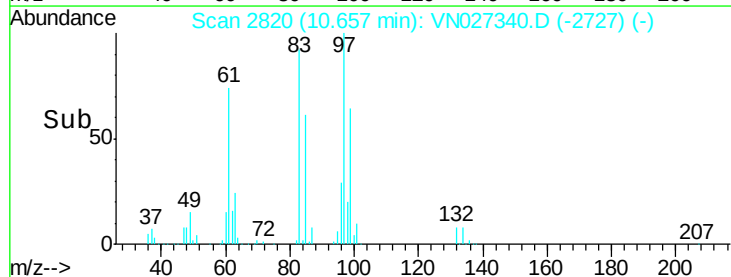
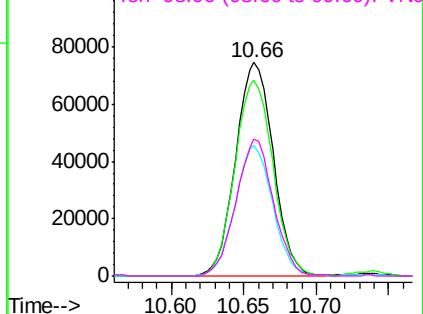
83 91.6 75.0 112.4

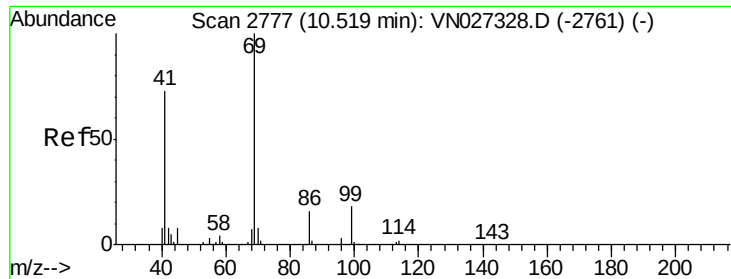
85 60.9 48.0 72.0

99 64.3 50.3 75.5



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





#57

Ethyl methacrylate

Concen: 19.17 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

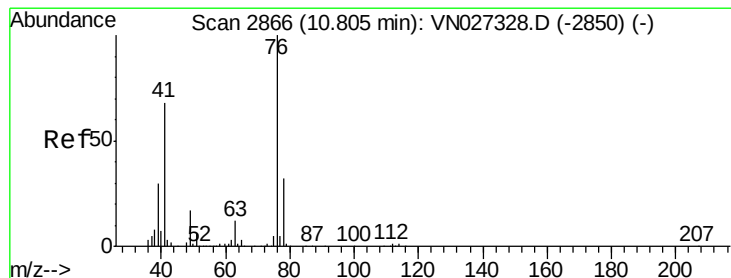
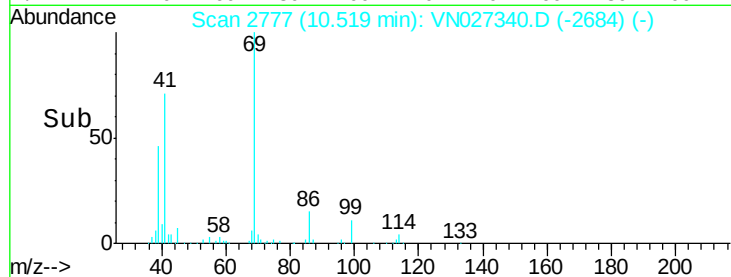
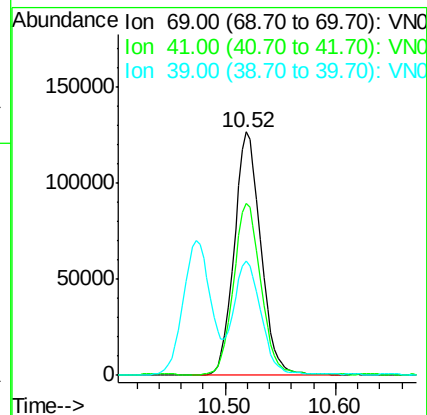
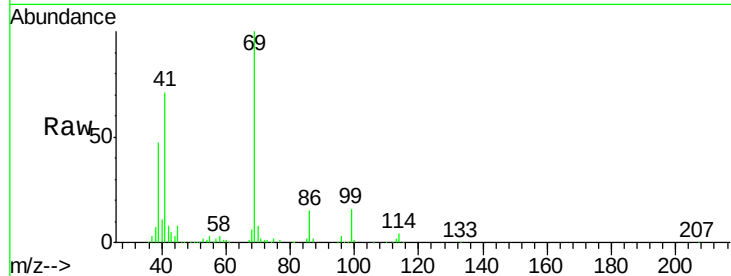
Tgt Ion: 69 Resp: 212514

Ion Ratio Lower Upper

69 100

41 71.6 61.3 91.9

39 47.1 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 19.70 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VN027340.D

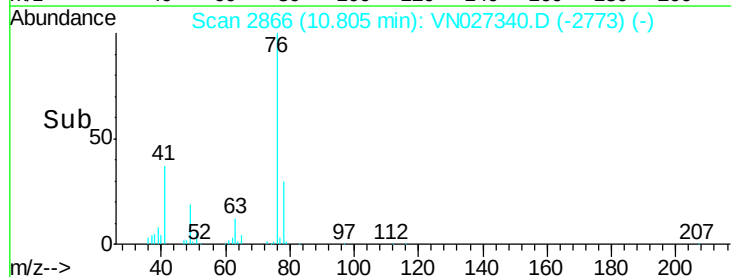
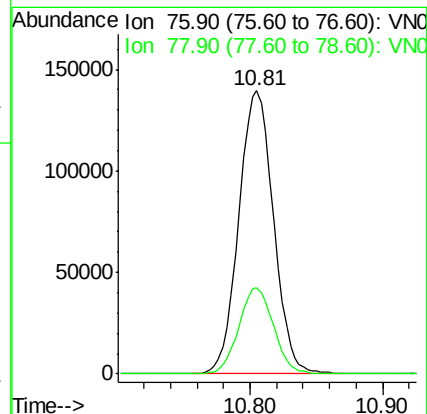
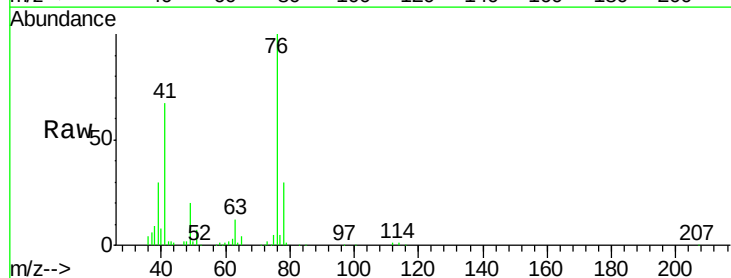
Acq: 21 Sep 2015 19:36

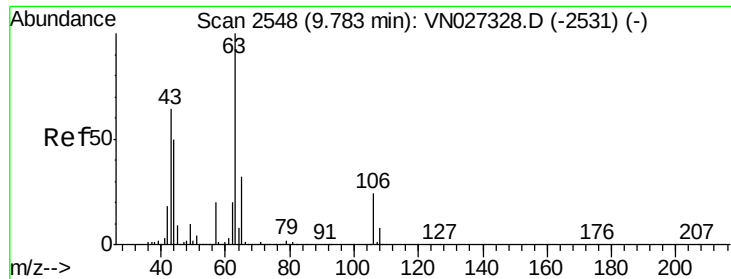
Tgt Ion: 76 Resp: 253533

Ion Ratio Lower Upper

76 100

78 30.7 25.0 37.6

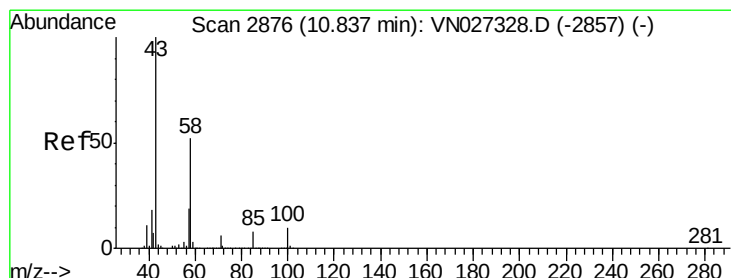
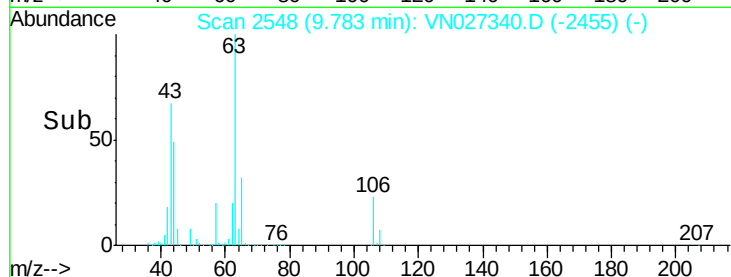
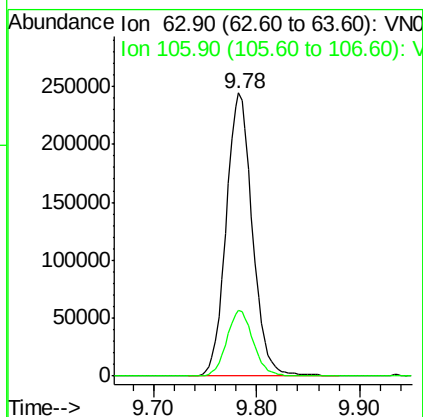
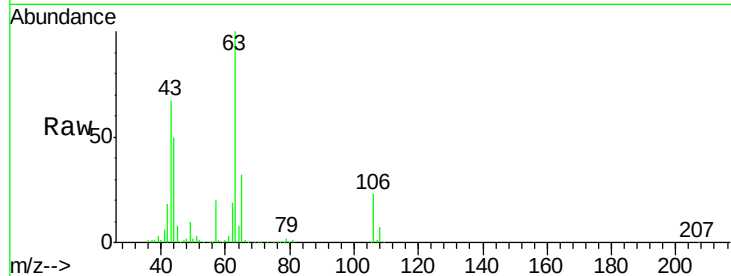




#59
 2-Chloroethyl Vinyl ether
 Concen: 88.24 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

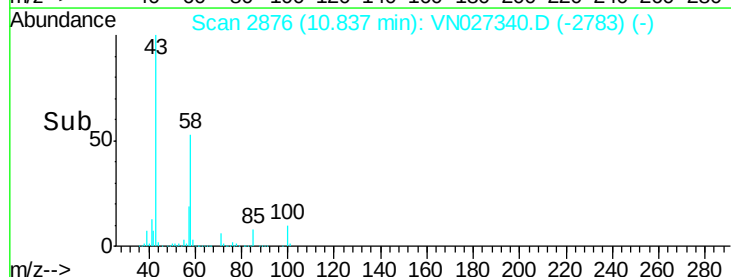
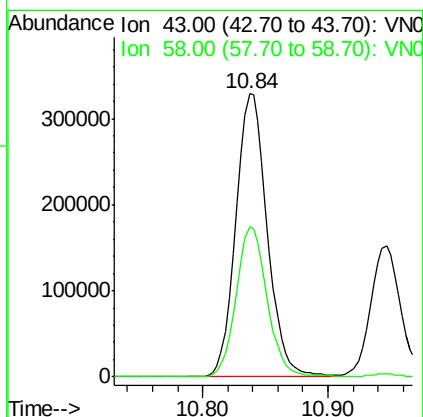
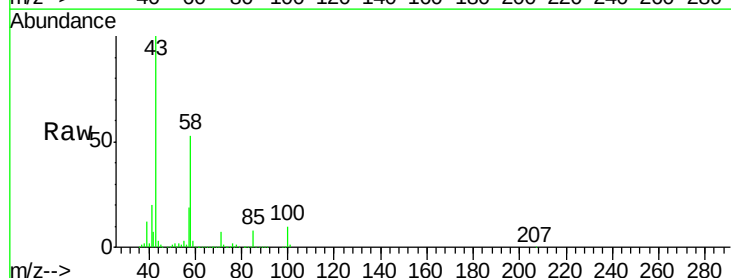
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS01

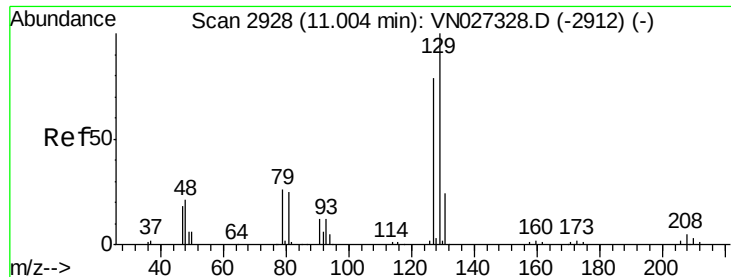
Tgt Ion: 63 Resp: 433434
 Ion Ratio Lower Upper
 63 100
 106 23.4 17.7 26.5



#60
 2-Hexanone
 Concen: 101.39 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 43 Resp: 570574
 Ion Ratio Lower Upper
 43 100
 58 52.6 26.2 78.5

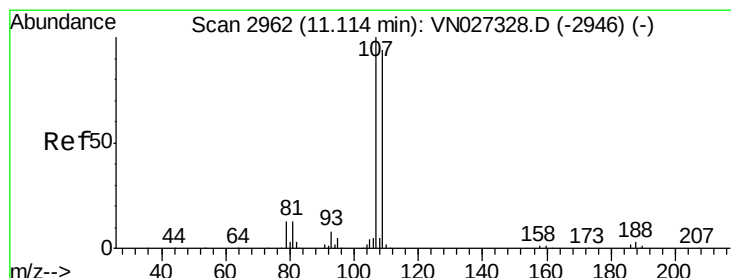
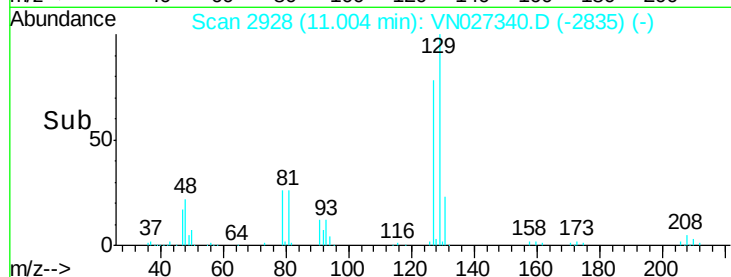
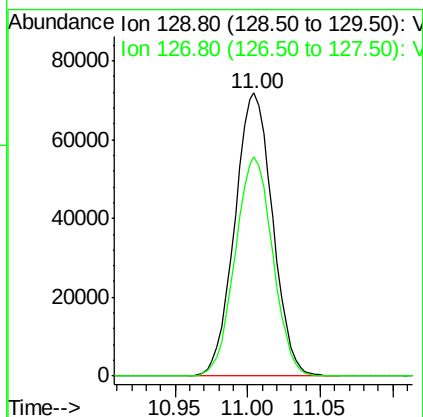
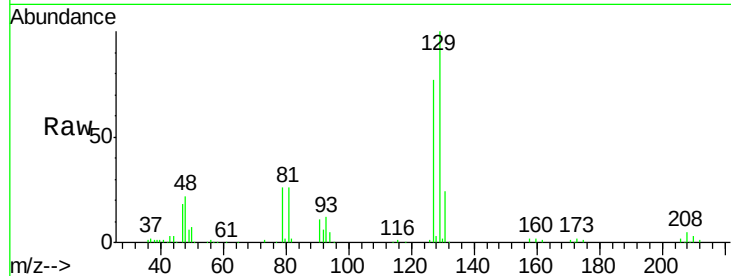




#61
 Dibromochloromethane
 Concen: 19.01 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

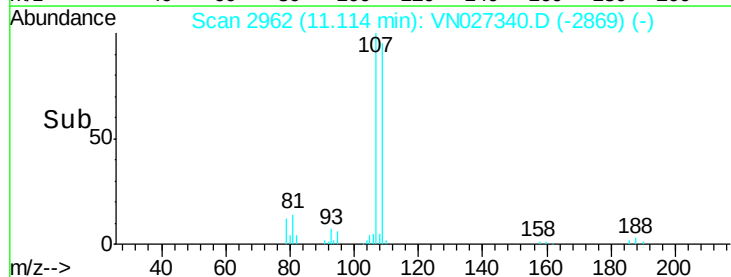
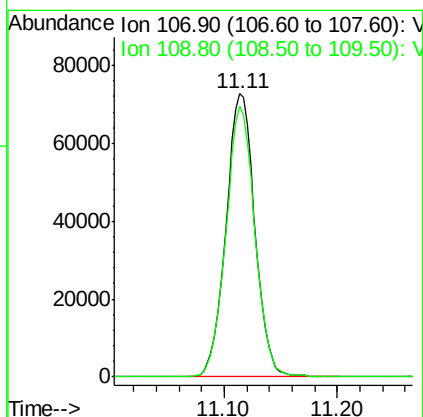
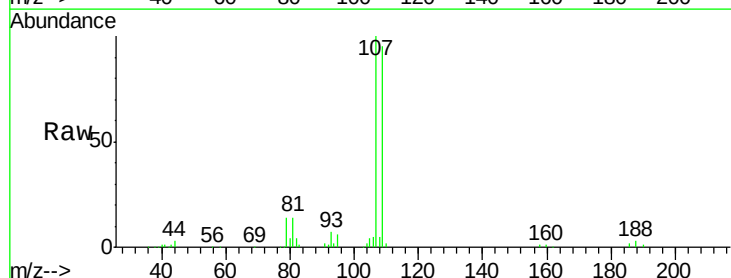
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

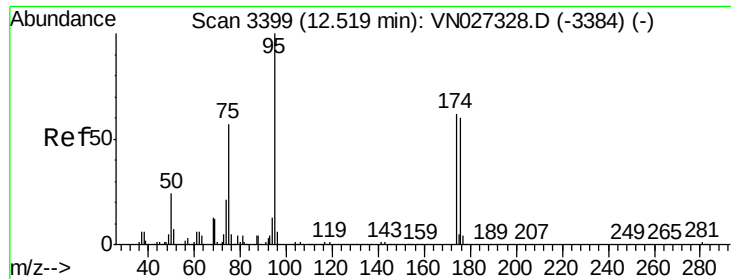
Tgt Ion:129 Resp: 130042
 Ion Ratio Lower Upper
 129 100
 127 76.7 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 19.40 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion:107 Resp: 128835
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.6 113.4

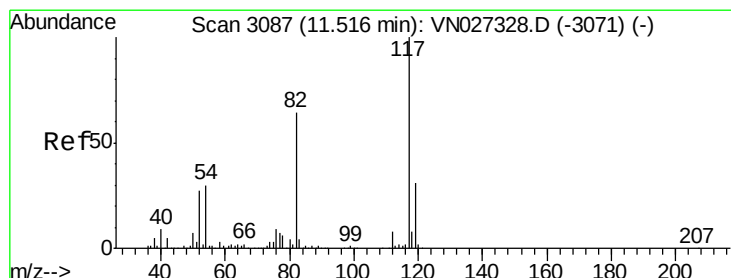
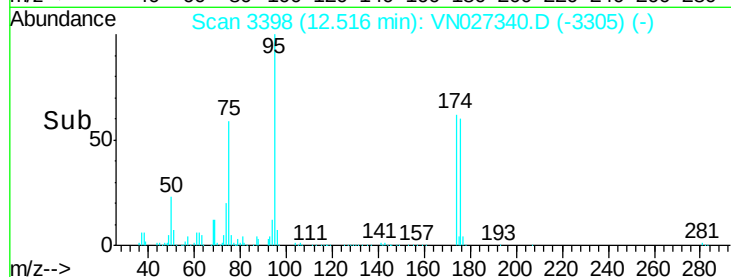
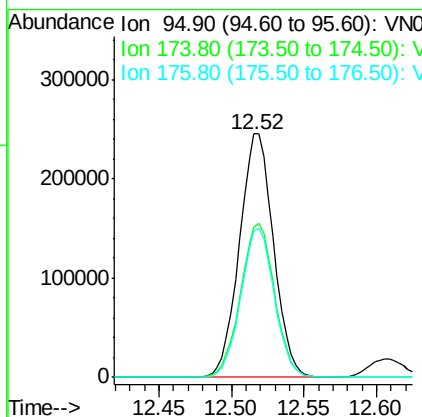
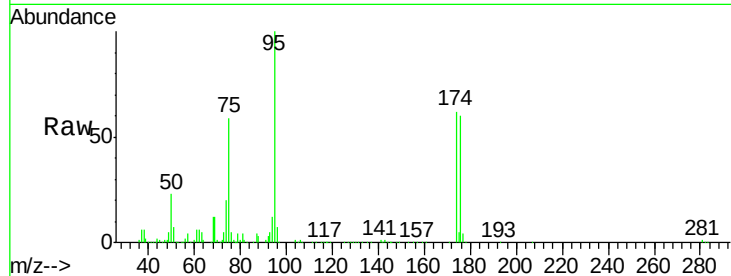




#63
4-Bromofluorobenzene
Concen: 43.31 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

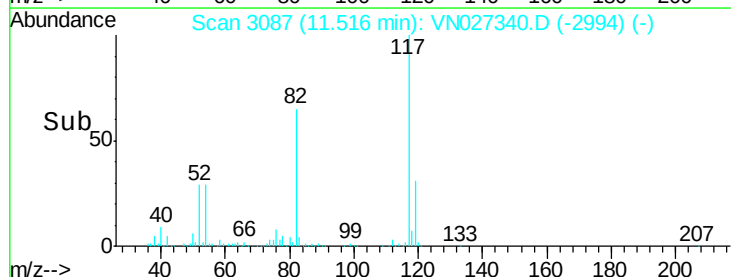
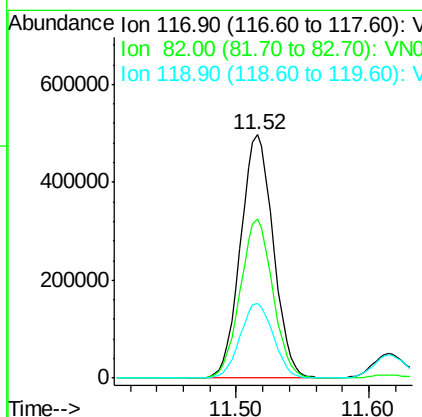
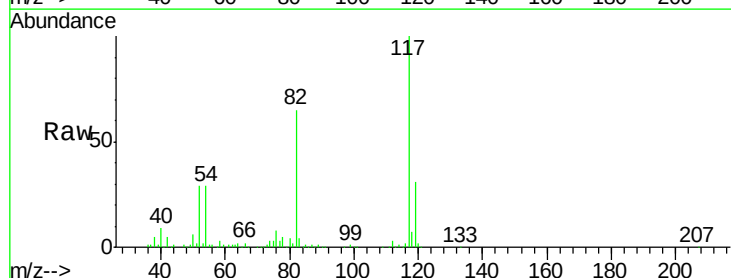
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

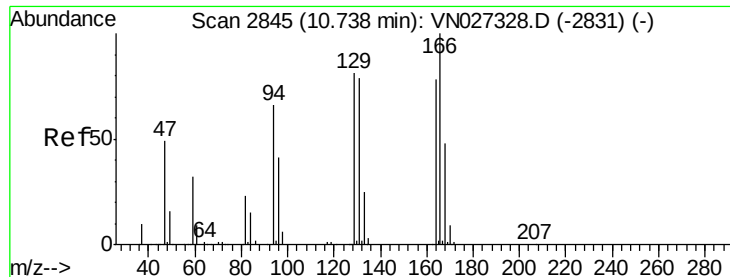
Tgt Ion: 95 Resp: 401719
Ion Ratio Lower Upper
95 100
174 62.9 0.0 137.0
176 60.0 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Tgt Ion: 117 Resp: 851496
Ion Ratio Lower Upper
117 100
82 65.2 49.6 74.4
119 30.8 24.6 36.8





#65

Tetrachloroethene

Concen: 19.21 ug/l

RT: 10.74 min Scan# 2846

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

Tgt Ion:164 Resp: 97356

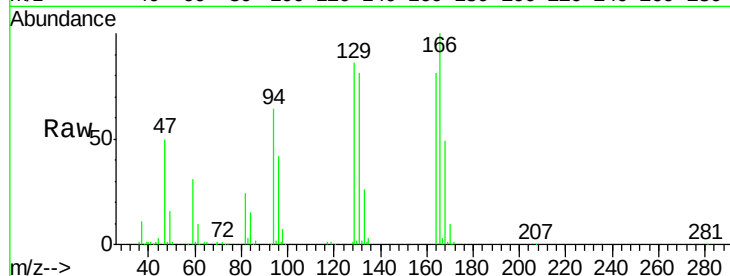
Ion Ratio Lower Upper

164 100

166 123.3 103.4 155.0

129 105.6 77.5 116.3

131 100.1 74.2 111.4

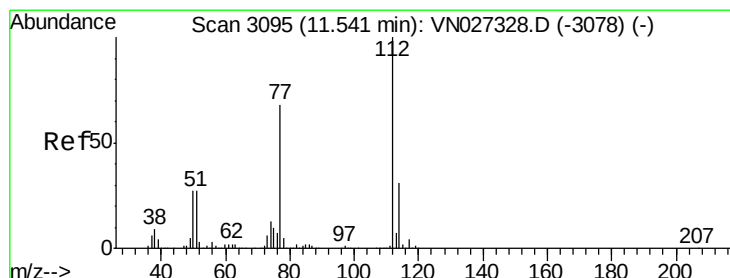
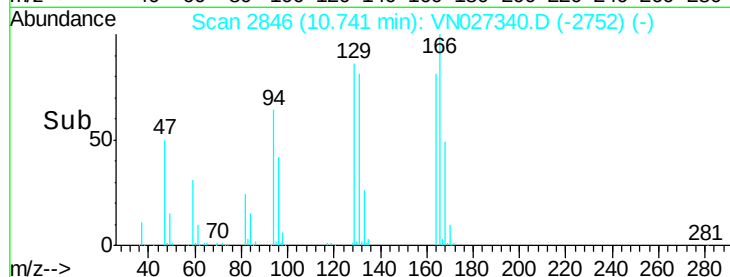
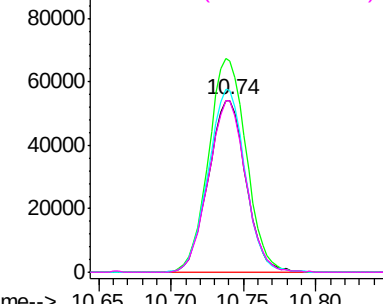


Abundance Ion 163.80 (163.50 to 164.50): V

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: 19.48 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. -0.00 min

Lab File: VN027340.D

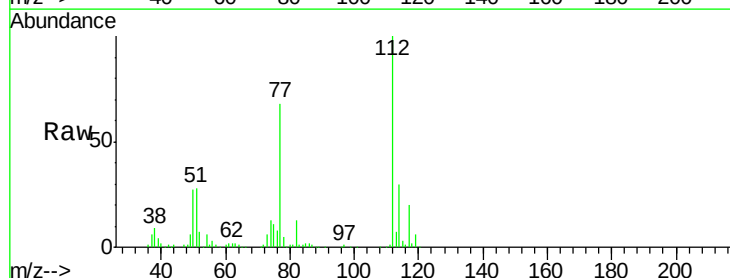
Acq: 21 Sep 2015 19:36

Tgt Ion:112 Resp: 355712

Ion Ratio Lower Upper

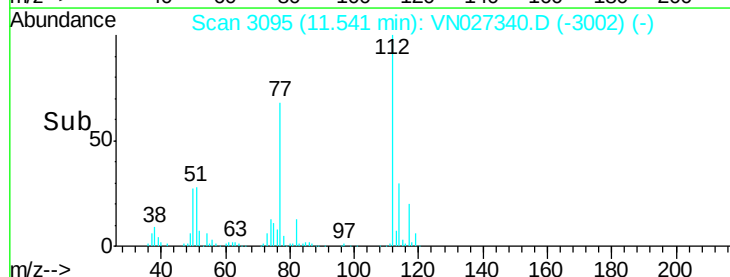
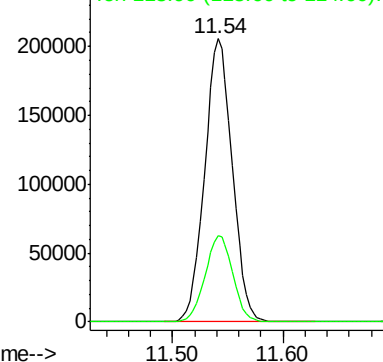
112 100

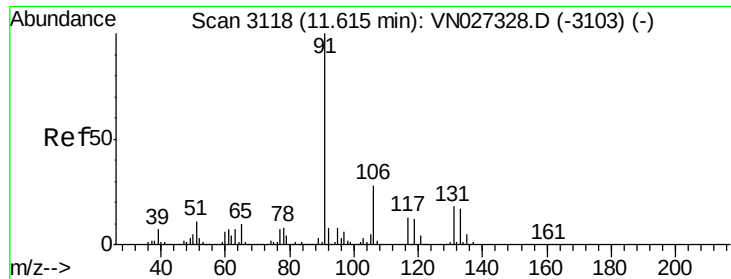
114 30.3 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

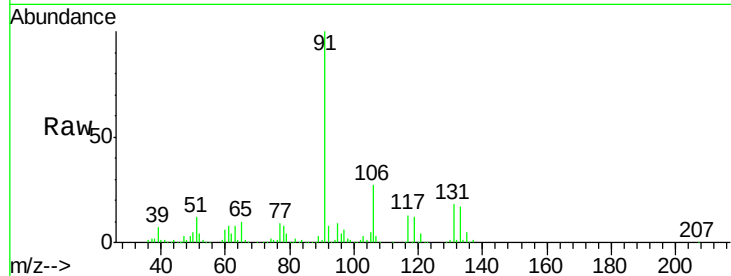




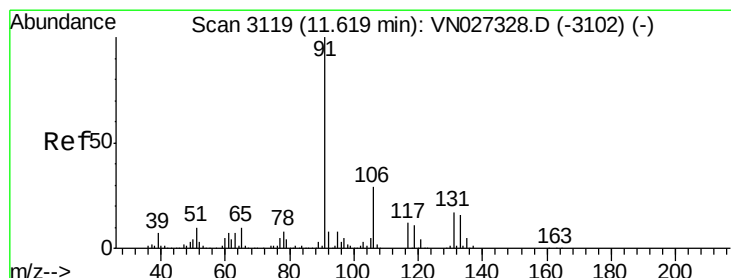
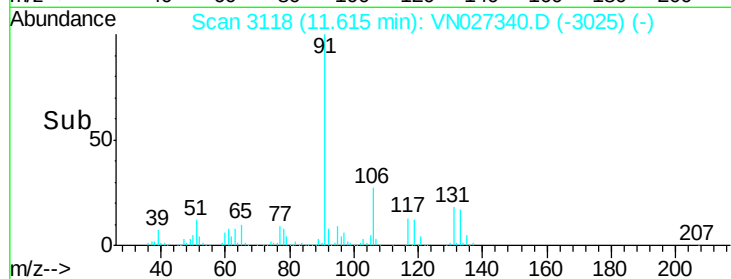
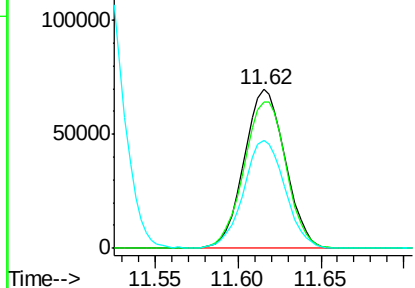
#67
 1,1,1,2-Tetrachloroethane
 Concen: 19.59 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS01

Tgt Ion:131 Resp: 120028
 Ion Ratio Lower Upper
 131 100
 133 95.1 47.0 141.2
 119 68.5 35.1 105.5

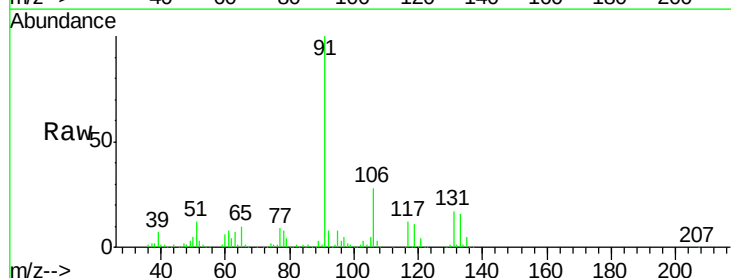


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

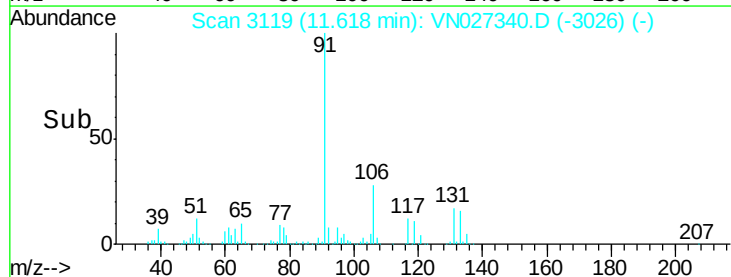
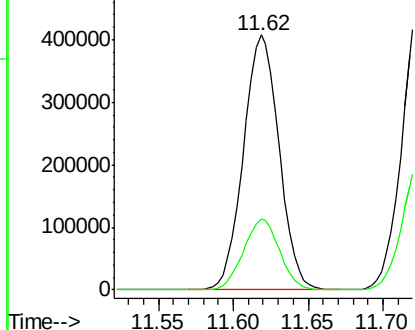


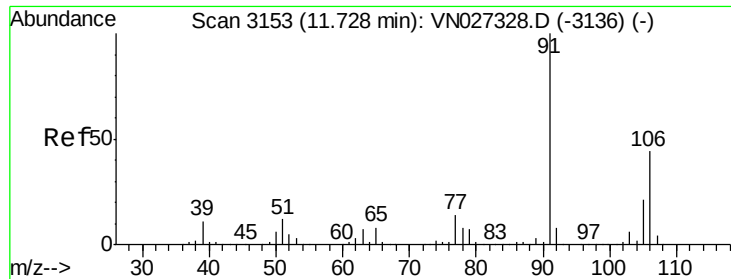
#68
 Ethyl Benzene
 Concen: 19.62 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 91 Resp: 675820
 Ion Ratio Lower Upper
 91 100
 106 27.8 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 106.00 (105.70 to 106.70): V

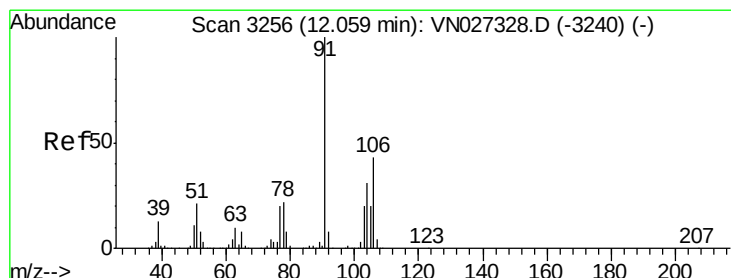
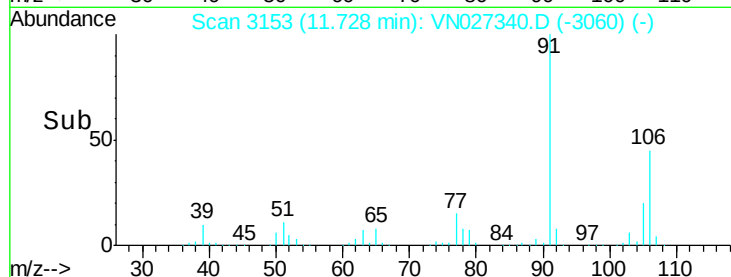
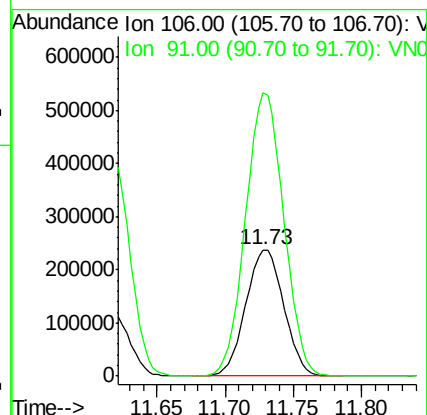
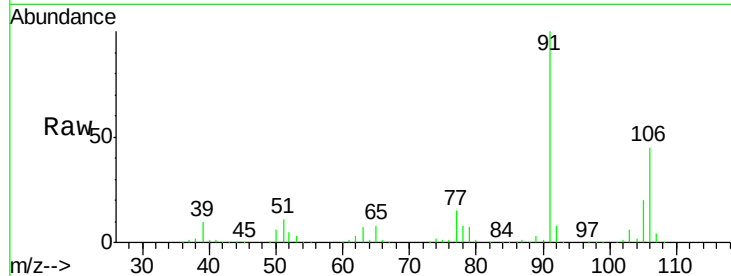




#69
m/p-Xylenes
Concen: 38.71 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

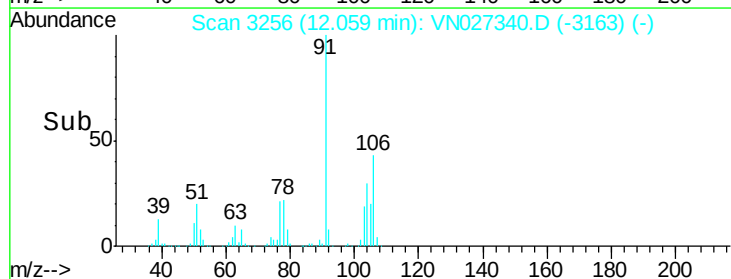
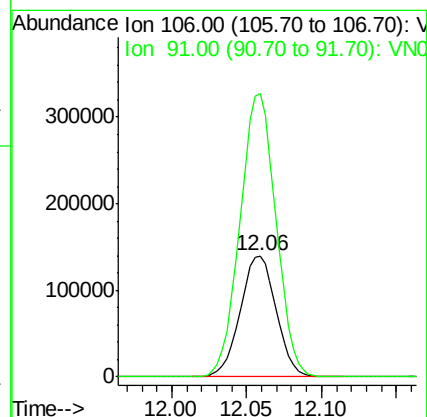
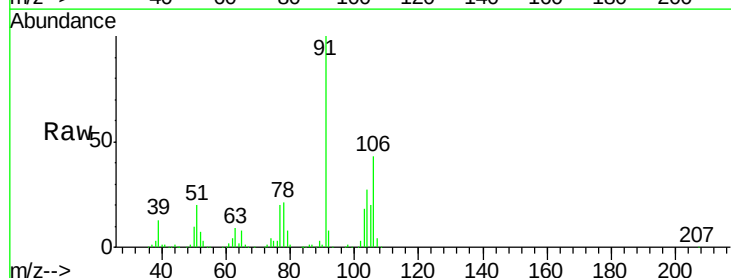
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

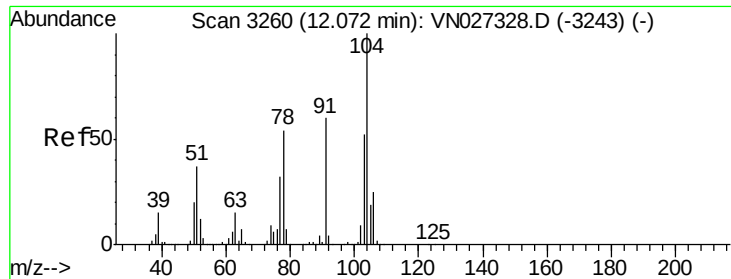
Tgt Ion:106 Resp: 462098
Ion Ratio Lower Upper
106 100
91 224.2 167.1 250.7



#70
o-Xylene
Concen: 19.32 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Tgt Ion:106 Resp: 233085
Ion Ratio Lower Upper
106 100
91 234.7 110.7 331.9

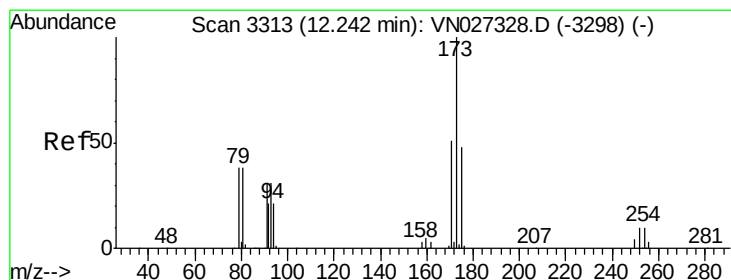
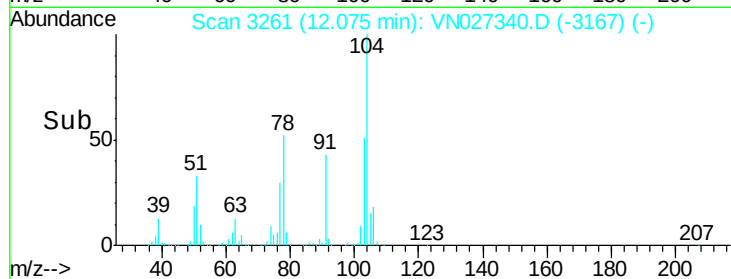
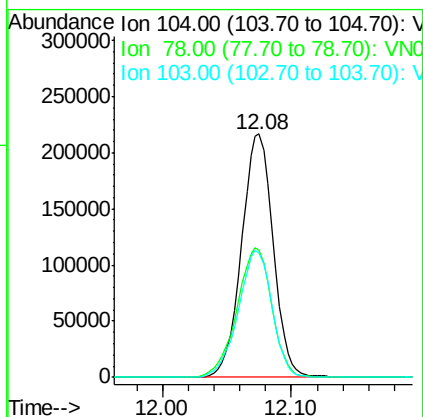
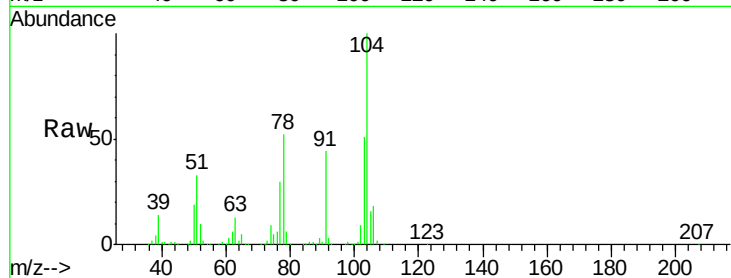




#71
 Styrene
 Concen: 19.26 ug/l
 RT: 12.08 min Scan# 3261
 Delta R.T. 0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

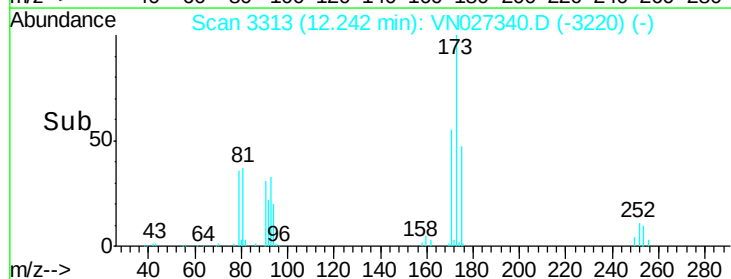
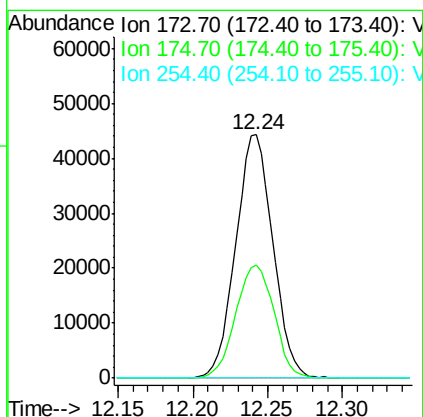
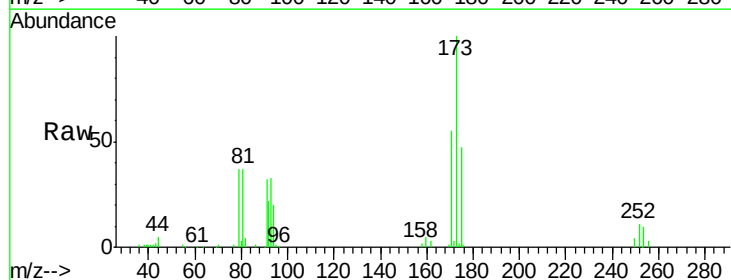
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

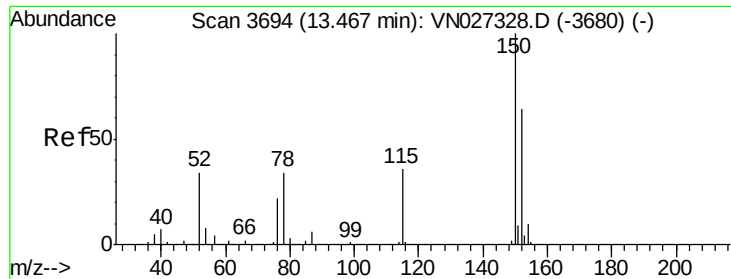
Tgt Ion:104 Resp: 369906
 Ion Ratio Lower Upper
 104 100
 78 58.6 41.6 62.4
 103 55.7 44.2 66.2



#72
 Bromoform
 Concen: 18.63 ug/l
 RT: 12.24 min Scan# 3313
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion:173 Resp: 76589
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.4 73.4
 254 0.0 0.1 0.1#





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

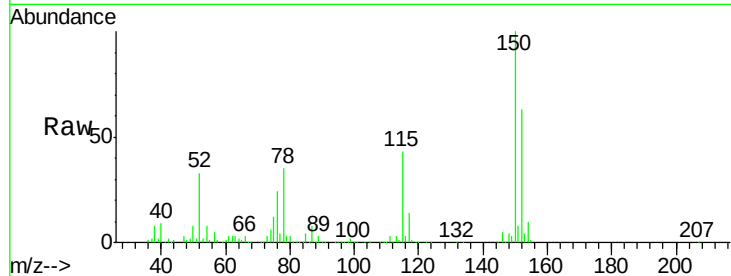
Tgt Ion:152 Resp: 321505

Ion Ratio Lower Upper

152 100

115 69.0 30.8 92.3

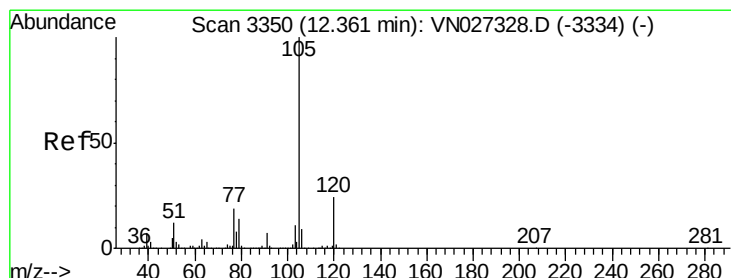
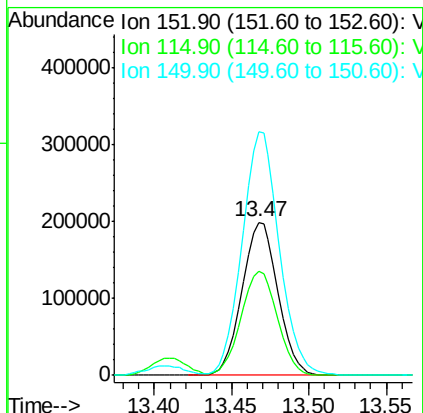
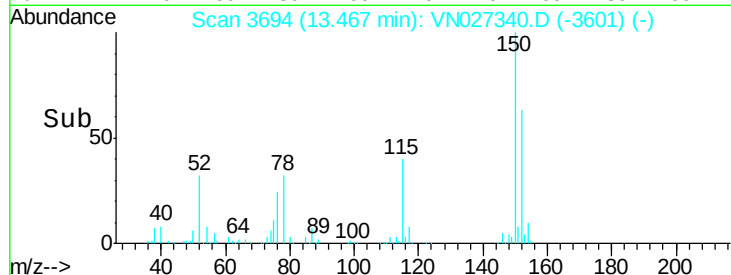
150 164.9 0.0 345.0



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: 19.67 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN027340.D

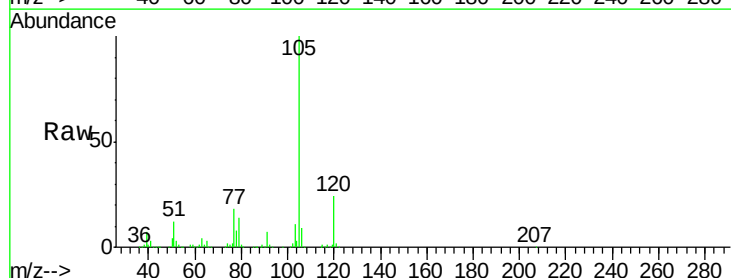
Acq: 21 Sep 2015 19:36

Tgt Ion:105 Resp: 633471

Ion Ratio Lower Upper

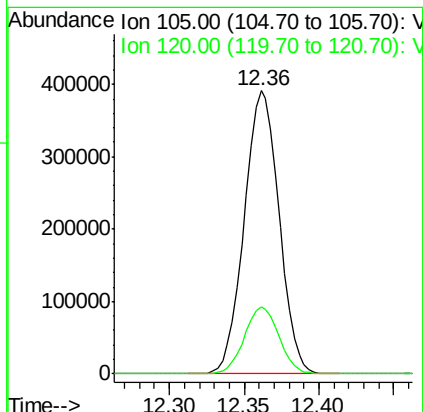
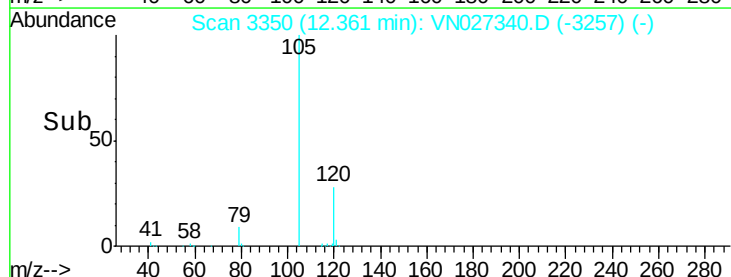
105 100

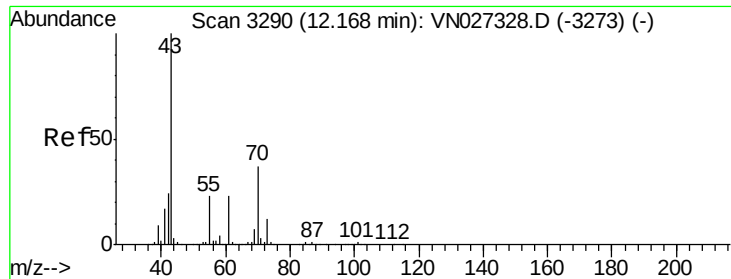
120 23.4 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 20.05 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleID :

VN0921WBS01

Tgt Ion: 43 Resp: 256189

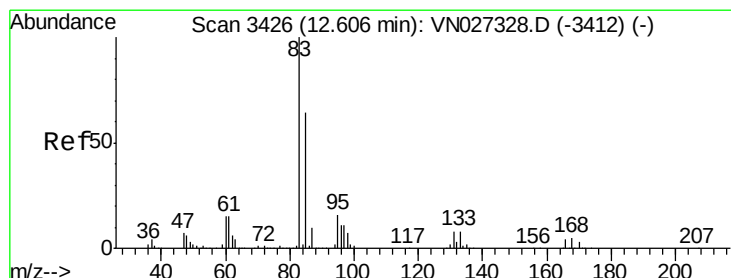
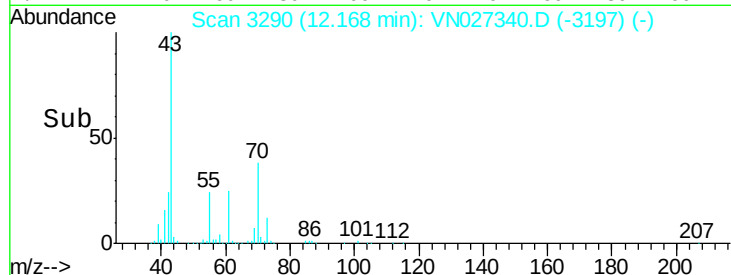
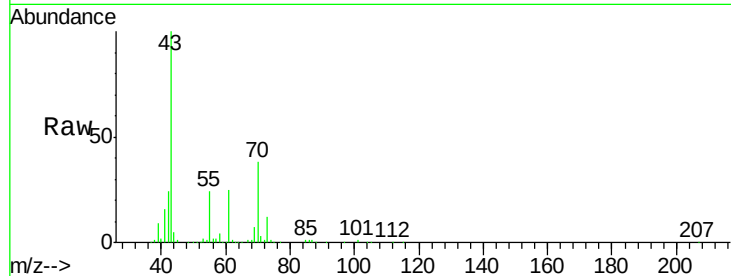
Ion	Ratio	Lower	Upper
43	100		
70	37.8	29.8	44.8
55	23.5	19.4	29.0
61	23.7	18.2	27.2

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: 20.11 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

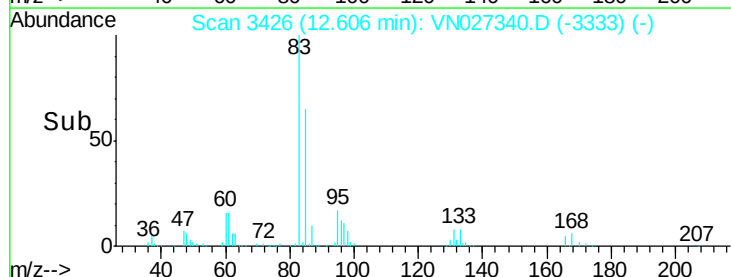
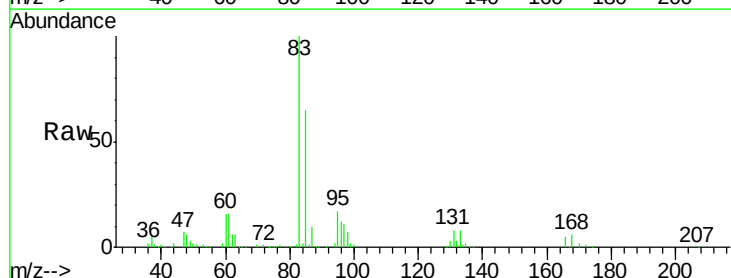
Tgt Ion: 83 Resp: 182287

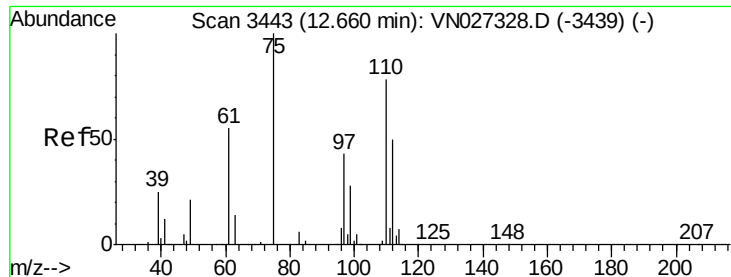
Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.1	12.3
85	64.8	31.9	95.7

Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 30.38 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

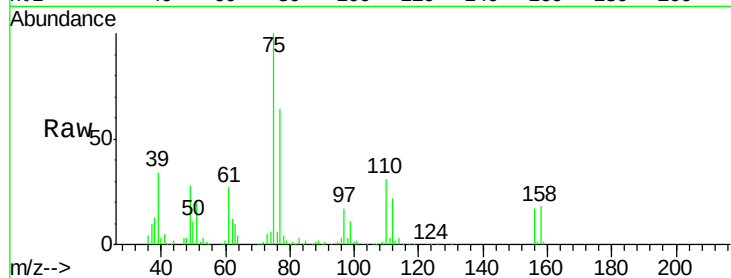
VN0921WBS01

Tgt Ion: 75 Resp: 245188

Ion Ratio Lower Upper

75 100

77 135.8 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN027328.D (-3439) (-)

Ion 77.00 (76.70 to 77.70): VN027328.D (-3439) (-)

200000

150000

100000

50000

0

12.66

12.65

12.64

12.63

12.62

12.61

12.60

12.59

12.58

12.57

12.56

12.55

12.54

12.53

12.52

12.51

12.50

12.49

12.48

12.47

12.46

12.45

12.44

12.43

12.42

12.41

12.40

12.39

12.38

12.37

12.36

12.35

12.34

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12.16

12.15

12.14

12.13

12.12

12.11

12.10

12.09

12.08

12.07

12.06

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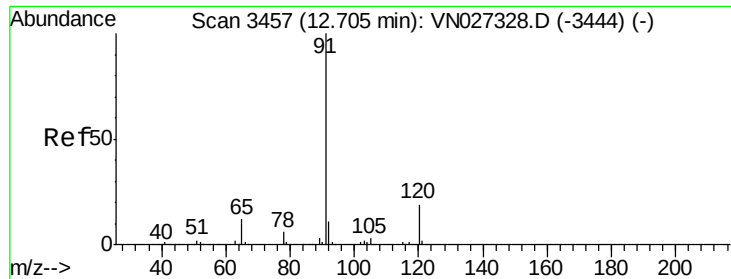
10.17

10.16

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10.14

10.13



#79

n-propylbenzene

Concen: 18.99 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

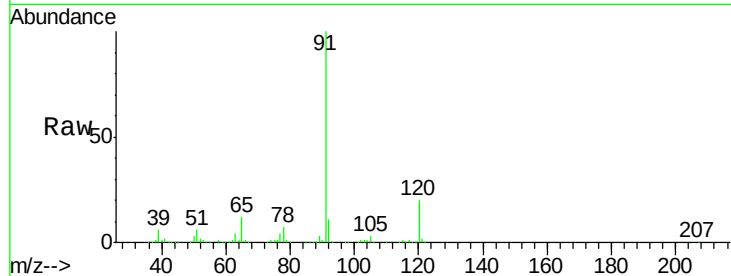
VN0921WBS01

Tgt Ion: 91 Resp: 729371

Ion Ratio Lower Upper

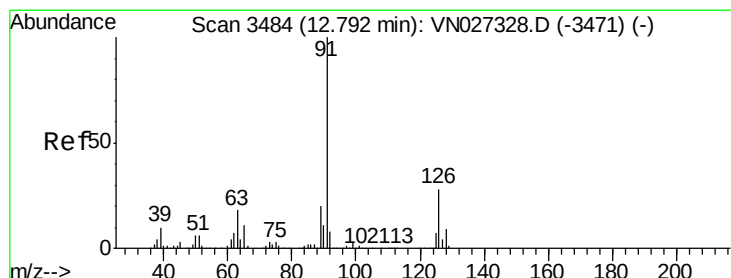
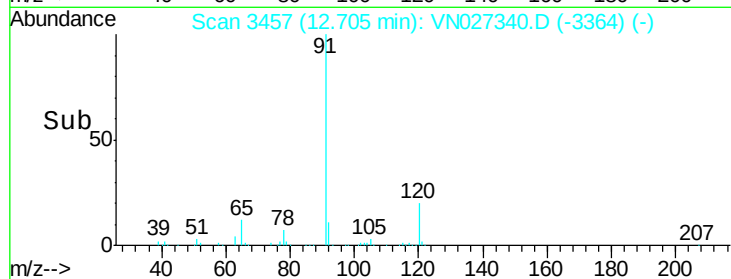
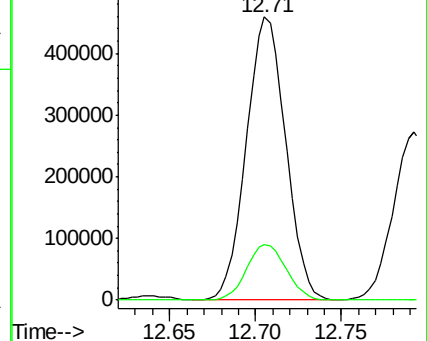
91 100

120 20.0 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

2-Chlorotoluene

Concen: 19.11 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. -0.00 min

Lab File: VN027340.D

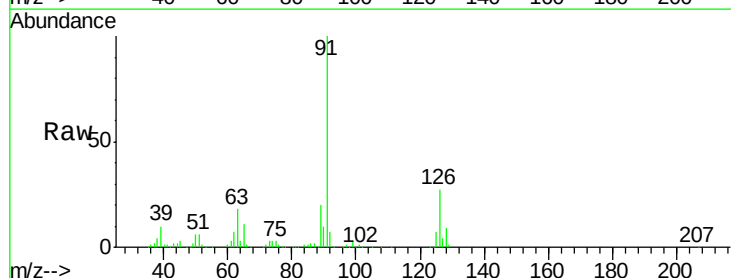
Acq: 21 Sep 2015 19:36

Tgt Ion: 91 Resp: 448749

Ion Ratio Lower Upper

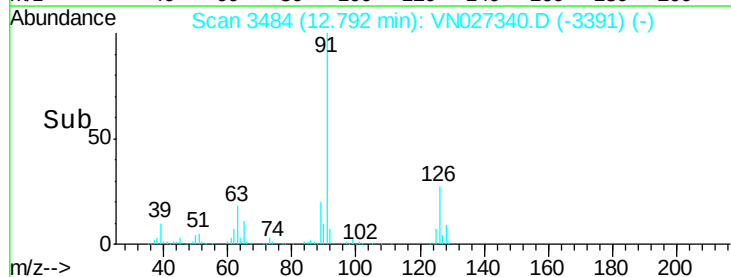
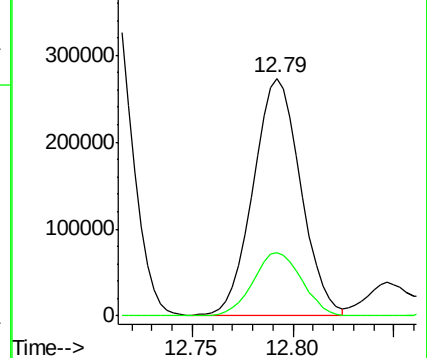
91 100

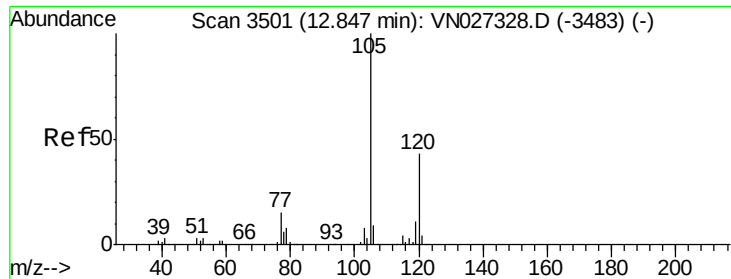
126 27.4 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

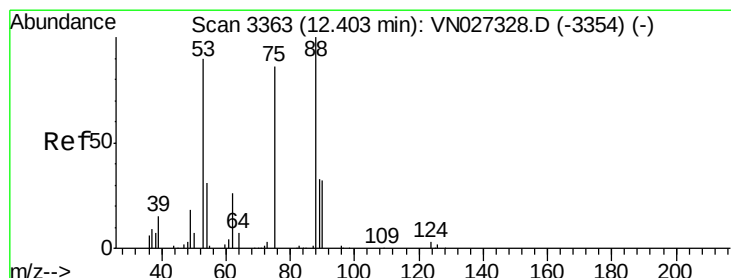
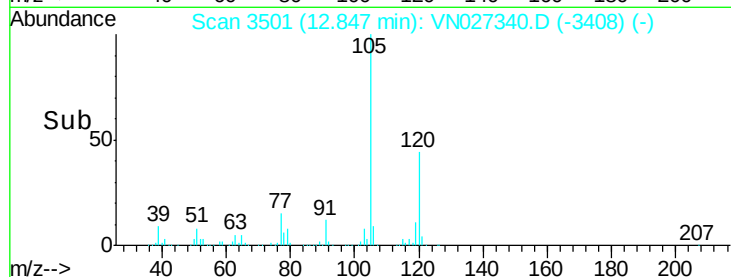
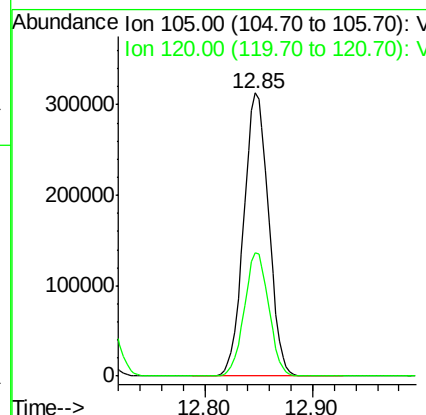
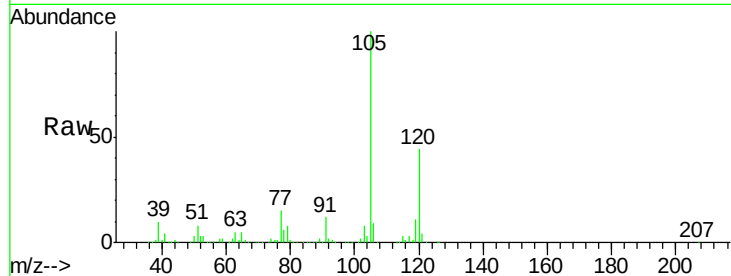




#81
 1,3,5-Trimethylbenzene
 Concen: 19.34 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

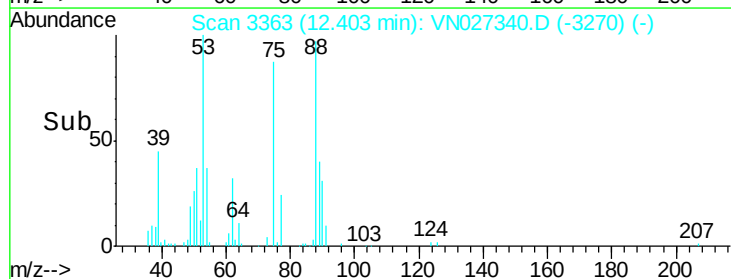
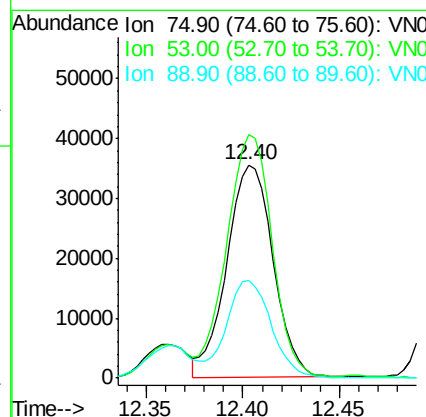
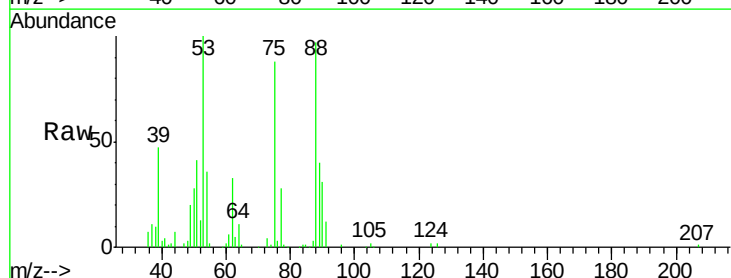
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

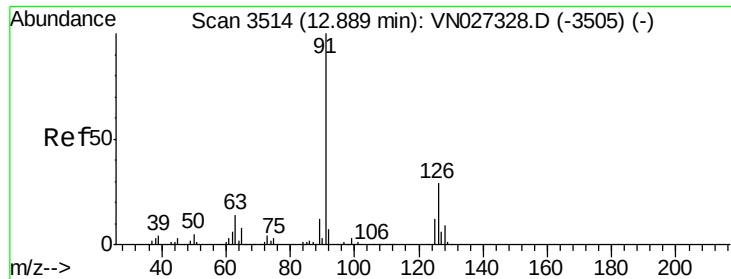
Tgt Ion: 105 Resp: 503545
 Ion Ratio Lower Upper
 105 100
 120 42.9 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 18.73 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion: 75 Resp: 58956
 Ion Ratio Lower Upper
 75 100
 53 112.2 92.9 139.3
 89 45.0 34.2 51.4

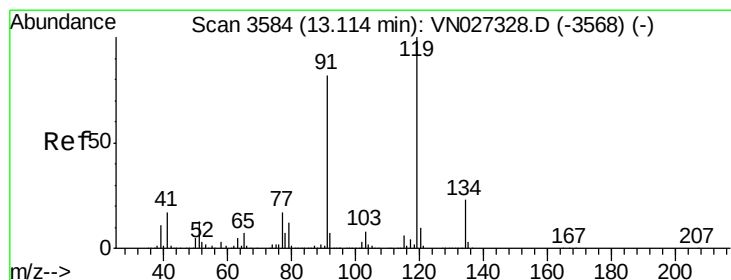
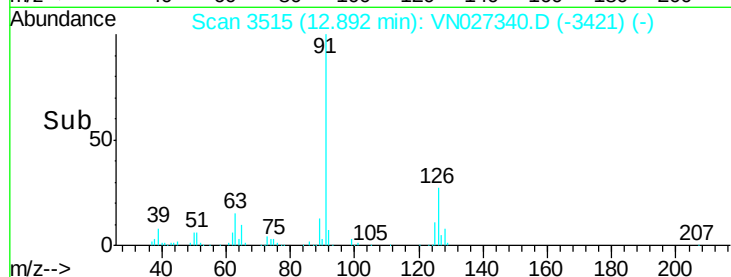
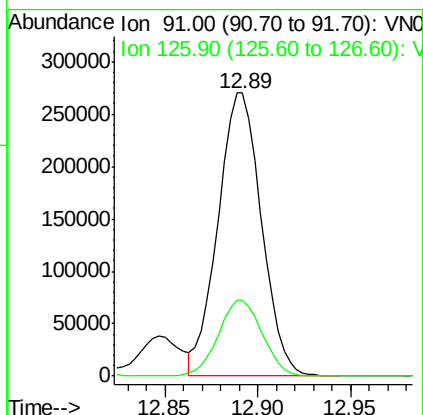
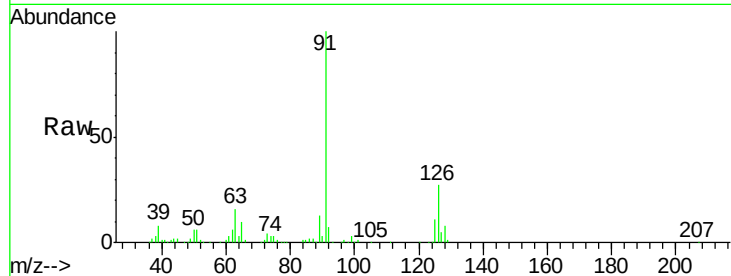




#83
4-Chlorotoluene
Concen: 19.05 ug/l
RT: 12.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

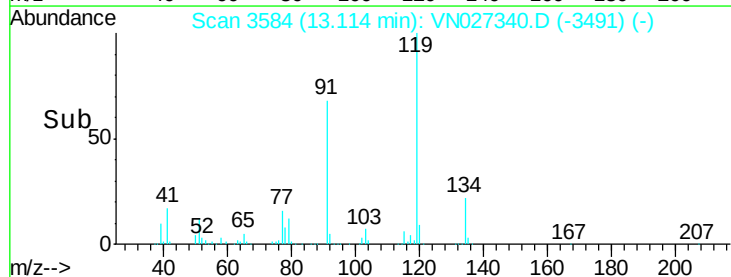
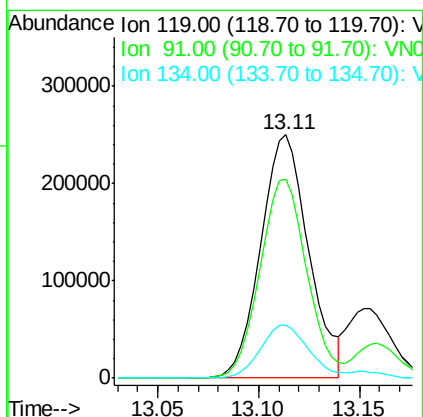
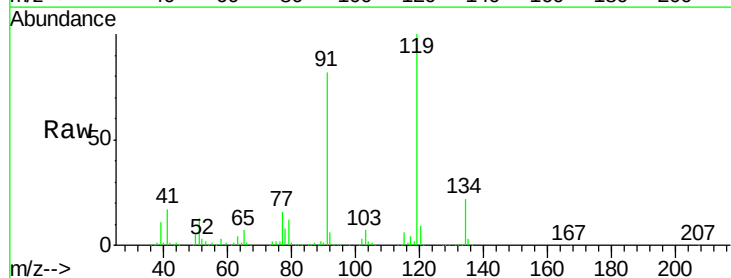
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS01

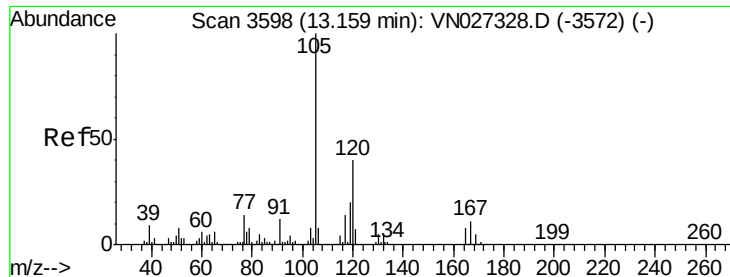
Tgt Ion: 91 Resp: 436667
Ion Ratio Lower Upper
91 100
126 27.1 14.9 44.5



#84
tert-Butylbenzene
Concen: 19.70 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN027340.D
Acq: 21 Sep 2015 19:36

Tgt Ion: 119 Resp: 413578
Ion Ratio Lower Upper
119 100
91 80.3 34.6 103.8
134 22.0 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 19.46 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

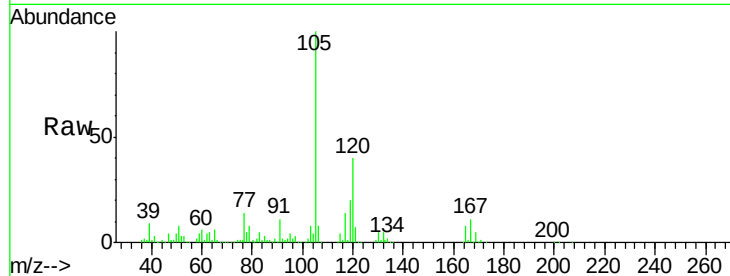
VN0921WBS01

Tgt Ion:105 Resp: 503875

Ion Ratio Lower Upper

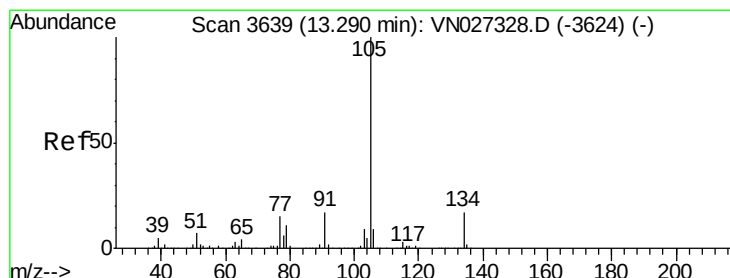
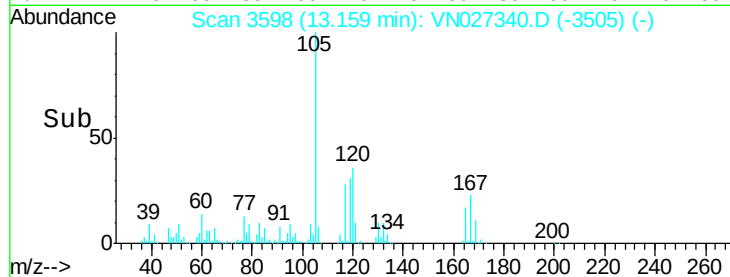
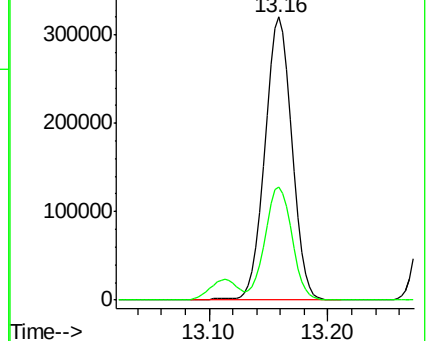
105 100

120 40.2 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

sec-Butylbenzene

Concen: 19.46 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027340.D

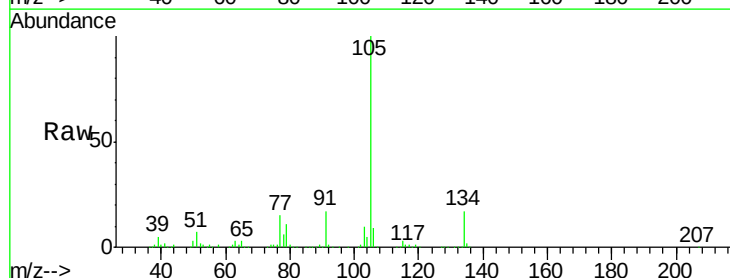
Acq: 21 Sep 2015 19:36

Tgt Ion:105 Resp: 608468

Ion Ratio Lower Upper

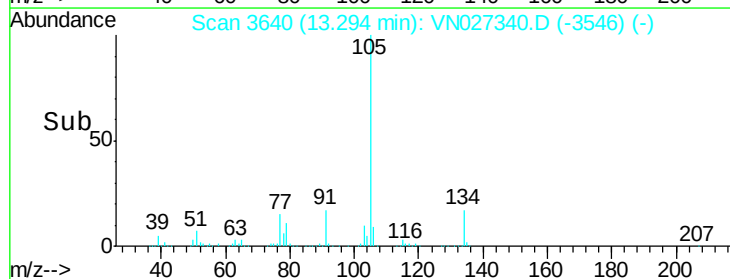
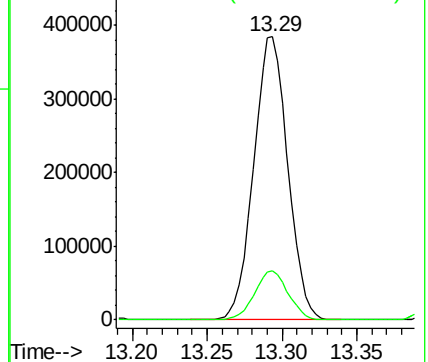
105 100

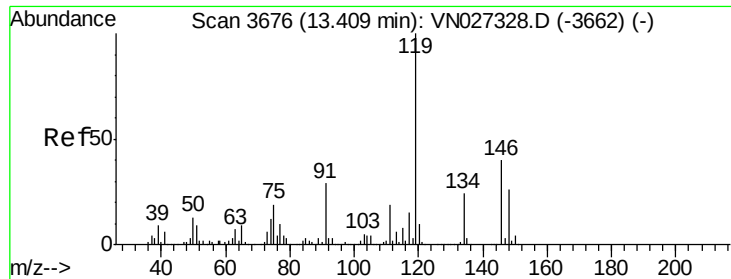
134 17.2 8.8 26.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

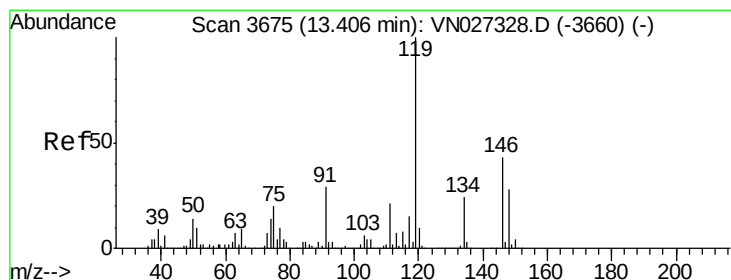
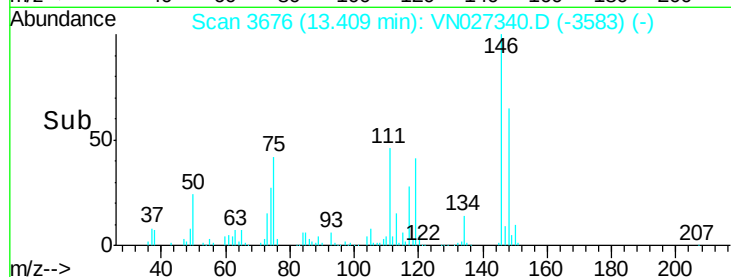
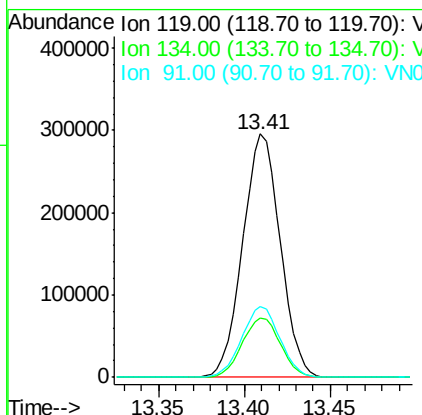
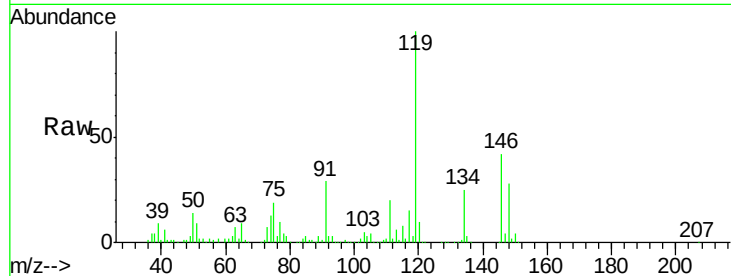




#87
 p-Isopropyltoluene
 Concen: 19.07 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

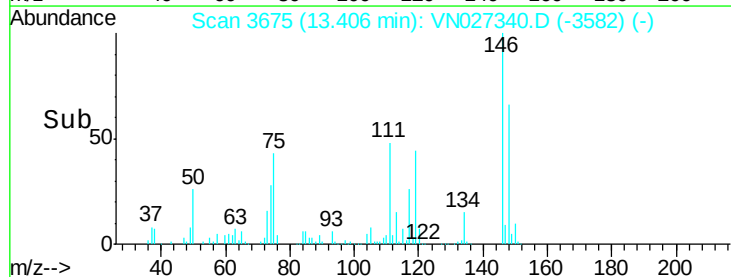
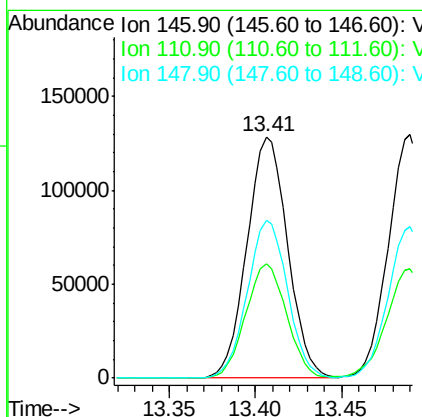
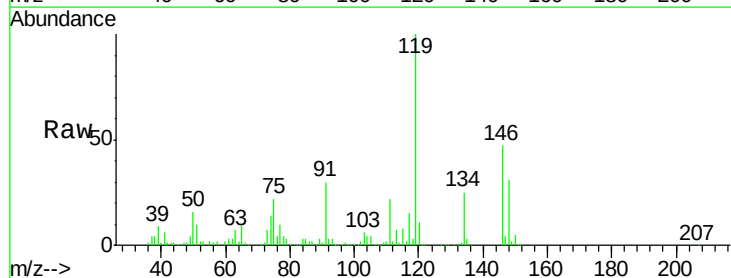
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

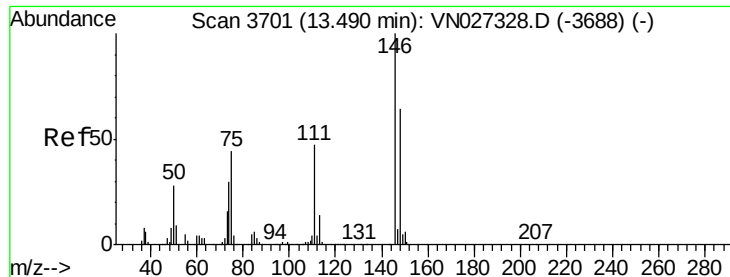
Tgt Ion:119 Resp: 447054
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.4 37.0
 91 29.7 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 19.36 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion:146 Resp: 210583
 Ion Ratio Lower Upper
 146 100
 111 47.5 21.0 63.0
 148 64.6 31.9 95.9

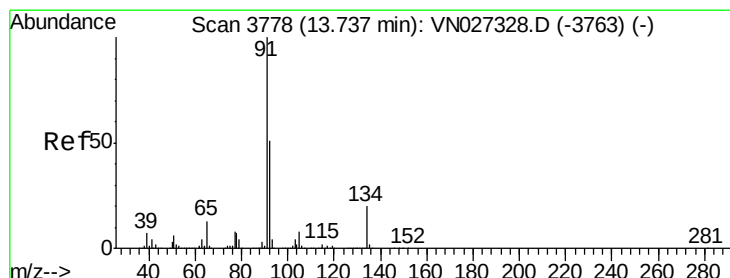
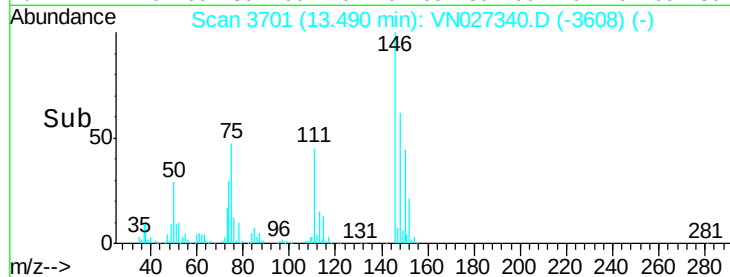
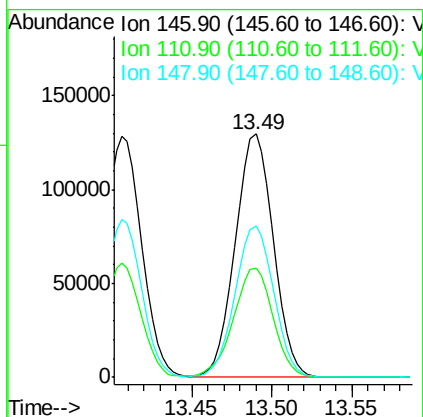
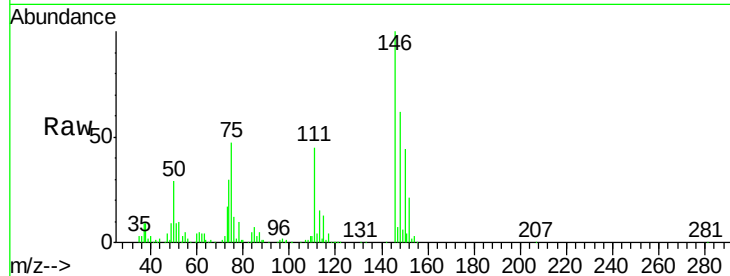




#89
 1,4-Dichlorobenzene
 Concen: 19.04 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

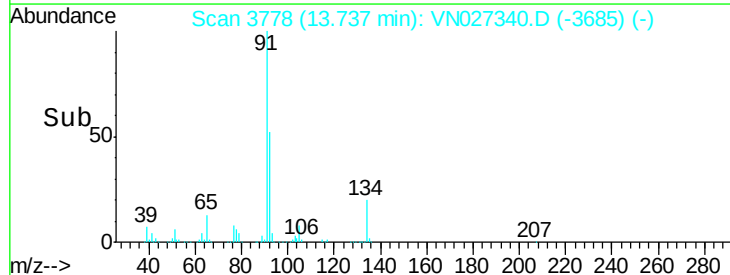
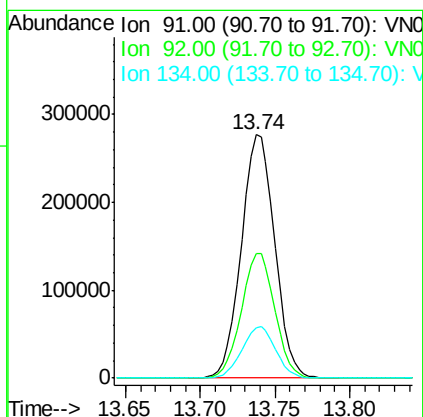
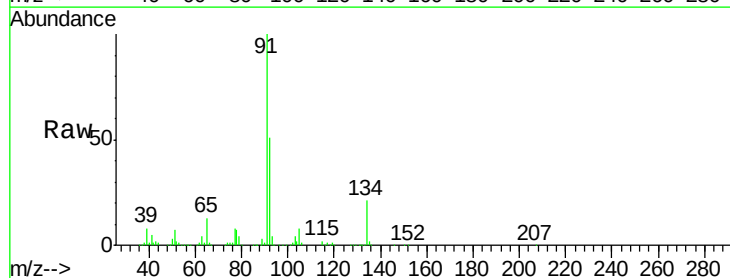
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

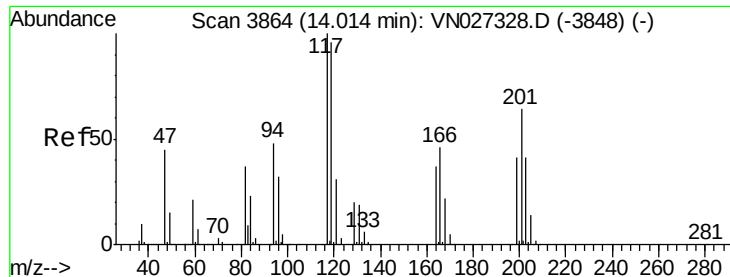
Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	19.9	59.6
148	63.2	31.7	95.1



#90
 n-Butylbenzene
 Concen: 18.40 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.1	78.2
134	21.2	11.1	33.1





#91

Hexachloroethane

Concen: 18.16 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

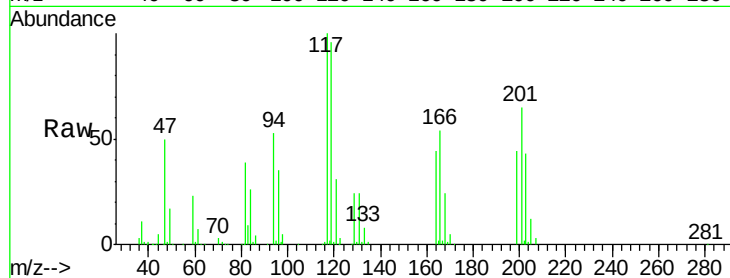
VN0921WBS01

Tgt Ion:117 Resp: 91034

Ion Ratio Lower Upper

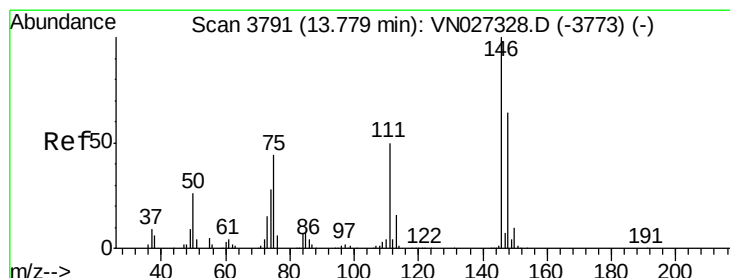
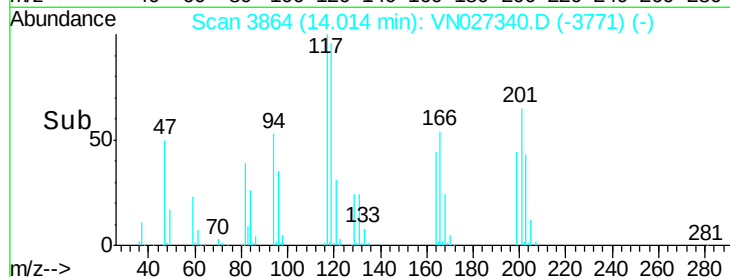
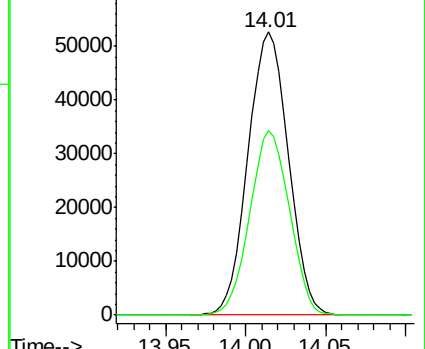
117 100

201 64.0 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 19.92 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

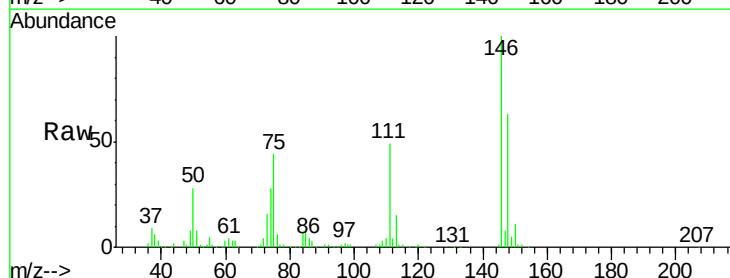
Tgt Ion:146 Resp: 216417

Ion Ratio Lower Upper

146 100

111 48.8 22.1 66.3

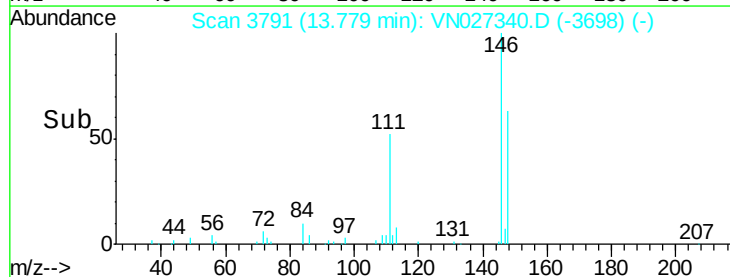
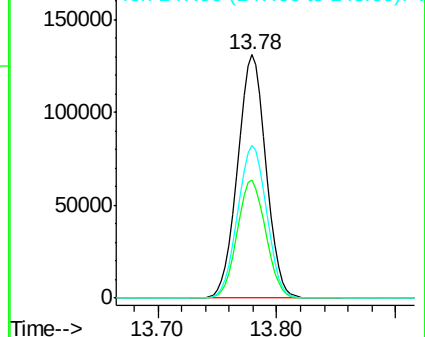
148 64.0 32.0 96.0

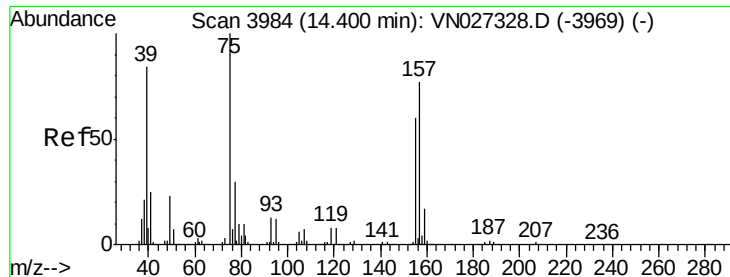


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 20.08 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS01

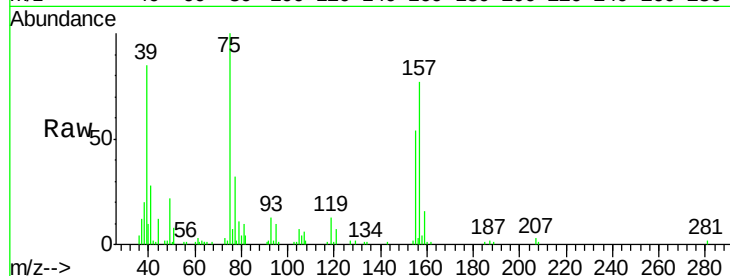
Tgt Ion: 75 Resp: 35687

Ion Ratio Lower Upper

75 100

155 55.6 35.6 106.9

157 73.0 44.6 133.8



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

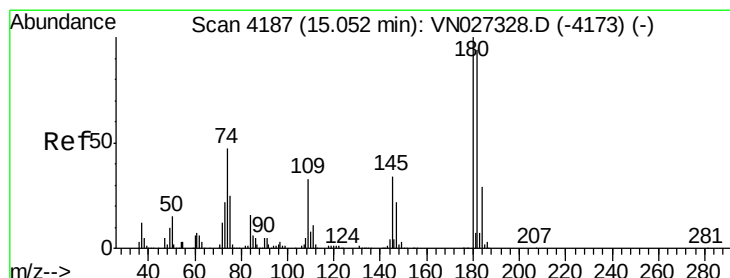
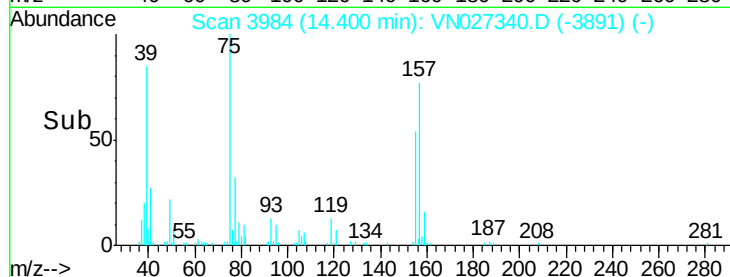
Ion 154.80 (154.50 to 155.50): VN027328.D (-3969) (-)

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

Time-->

14.40

14.35 14.40 14.45



#94

1,2,4-Trichlorobenzene

Concen: 19.64 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

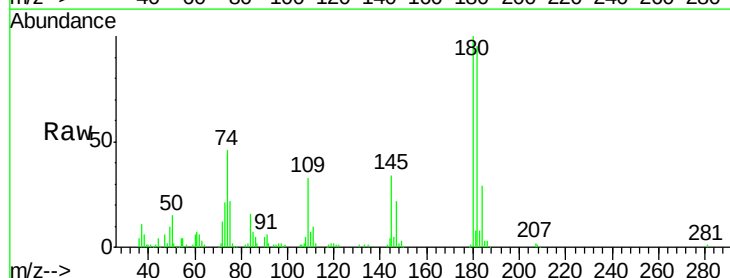
Tgt Ion: 180 Resp: 110257

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

145 33.6 15.1 45.3



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

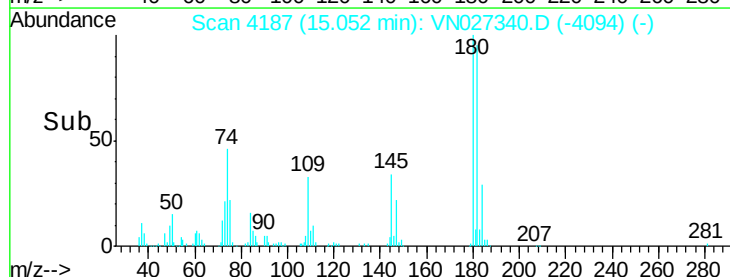
Ion 181.80 (181.50 to 182.50): VN027328.D (-4173) (-)

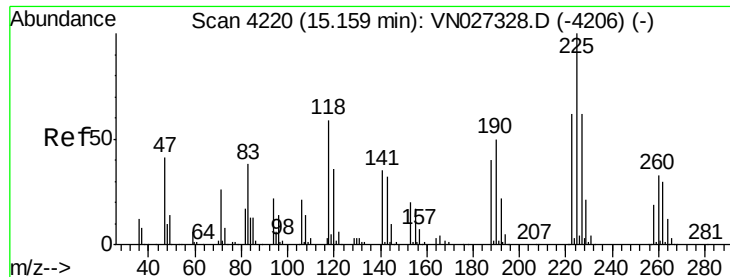
Ion 144.80 (144.50 to 145.50): VN027328.D (-4173) (-)

Time-->

15.05

15.00 15.05 15.10





#95

Hexachlorobutadiene

Concen: 19.04 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. -0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS01

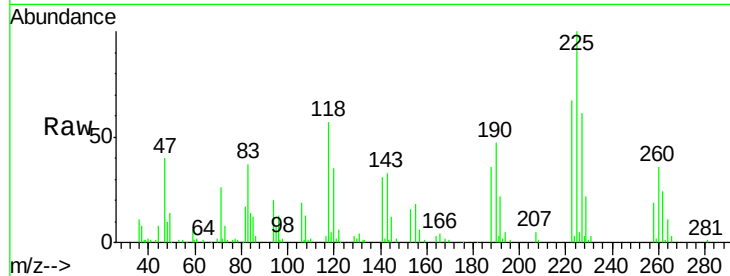
Tgt Ion:225 Resp: 58586

Ion Ratio Lower Upper

225 100

223 64.8 30.8 92.3

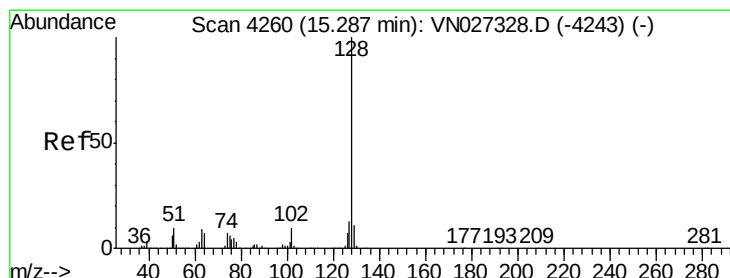
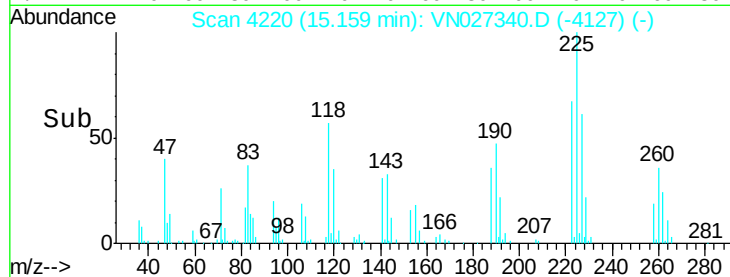
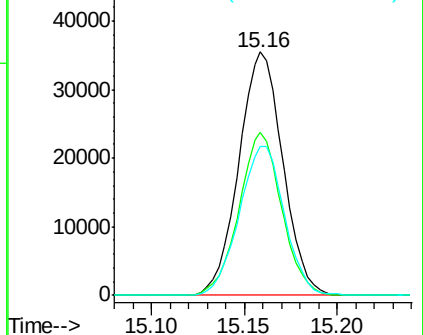
227 62.8 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 19.65 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027340.D

Acq: 21 Sep 2015 19:36

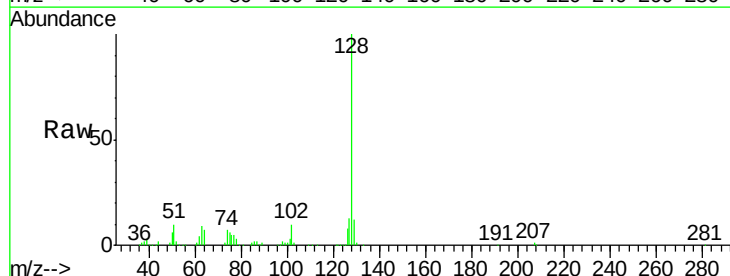
Tgt Ion:128 Resp: 294913

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

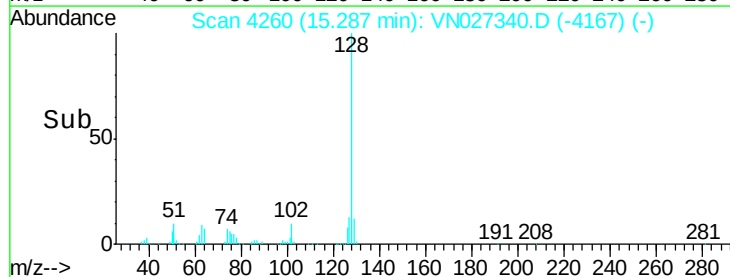
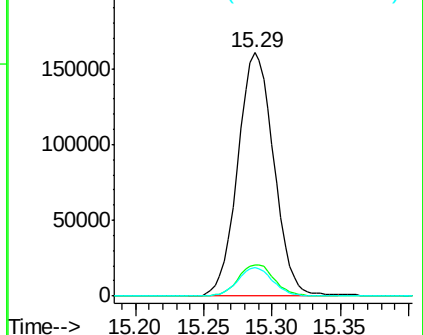
129 11.2 8.6 12.8

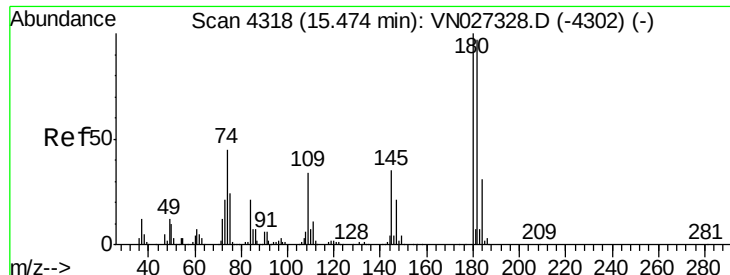


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 19.90 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. -0.00 min
 Lab File: VN027340.D
 Acq: 21 Sep 2015 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.8	146.4
145	33.3	16.6	49.8

