

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027325.D
 Acq On : 21 Sep 2015 10:13
 Operator : MD\FY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 21 12:11:17 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 12:10:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	590691	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1069359	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	873983	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	296159	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	12596	1.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.08%	
36) Dibromofluoromethane	7.68	113	7722	1.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.08%	
51) Toluene-d8	10.19	98	29521	1.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.04%	
63) 4-Bromofluorobenzene	12.52	95	10935	1.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	6664	0.94	ug/l	97
3) Chlorodifluoromethane	1.82	51	8202	1.00	ug/l #	86
4) Chloromethane	2.01	50	8363	2.14	ug/l	90
5) Vinyl Chloride	2.14	62	8915	1.07	ug/l	98
6) Bromomethane	2.54	94	3434	2.41	ug/l	98
7) Chloroethane	2.69	64	5845	1.03	ug/l	97
8) Trichlorofluoromethane	3.02	101	11937	0.95	ug/l	96
9) Diethyl Ether	3.44	74	5367	0.93	ug/l	89
10) 1,1,2-Trichlorotrifluoroet	3.79	101	7694	0.97	ug/l #	67
11) Methyl Iodide	3.99	142	2153	0.28	ug/l #	89
12) Tert butyl alcohol	4.81	59	2937	2.48	ug/l	98
13) 1,1-Dichloroethene	3.76	96	7113	0.94	ug/l	93
14) Acrolein	3.63	56	2509	1.80	ug/l #	50
15) Allyl chloride	4.37	41	14725	0.96	ug/l #	80
16) Acrylonitrile	5.06	53	9206	2.38	ug/l #	58
17) Acetone	3.85	43	17061	5.23	ug/l	94
18) Carbon Disulfide	4.11	76	21953	0.89	ug/l #	90
19) Methyl Acetate	4.38	43	15877	0.67	ug/l	100
20) Methyl tert-butyl Ether	5.12	73	27961	0.92	ug/l	97
21) Methylene Chloride	4.59	84	4936	0.54	ug/l	90
22) trans-1,2-Dichloroethene	5.12	96	8367	1.02	ug/l #	75
23) Diisopropyl ether	6.04	45	30503	0.95	ug/l #	87
24) Vinyl Acetate	5.99	43	14850	1.40	ug/l	98
25) 1,1-Dichloroethane	5.93	63	18006	0.96	ug/l #	91
26) 2-Butanone	6.94	43	17573	3.58	ug/l	92
27) 2,2-Dichloropropane	6.92	77	13711	0.85	ug/l	90
28) cis-1,2-Dichloroethene	6.92	96	9683	1.03	ug/l	98
29) Bromochloromethane	7.29	49	6965	0.96	ug/l #	97
30) Tetrahydrofuran	7.33	42	13098	3.87	ug/l #	90
31) Chloroform	7.46	83	16154	0.96	ug/l	96
32) Cyclohexane	7.76	56	33074	1.09	ug/l #	39
33) 1,1,1-Trichloroethane	7.67	97	15358	1.02	ug/l #	54
37) 1,1-Dichloropropene	7.90	75	12600	1.01	ug/l	97
38) Ethyl Acetate	7.04	43	3147	Below Cal	#	67

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 VSTDIC001

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 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 12:10:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.87	117	11811	1.00	ug/l	91
40) Methylcyclohexane	9.19	83	13975	0.92	ug/l	98
41) Benzene	8.14	78	36571	1.00	ug/l	98
42) Methacrylonitrile	7.25	41	2808	0.46	ug/l #	47
43) 1,2-Dichloroethane	8.22	62	14741	1.00	ug/l	96
44) Isopropyl Acetate	8.25	43	17498	0.87	ug/l #	92
45) Trichloroethene	8.94	130	7263	0.99	ug/l	95
46) 1,2-Dichloropropane	9.22	63	10123	0.96	ug/l	99
47) Dibromomethane	9.31	93	6235	1.01	ug/l	86
48) Bromodichloromethane	9.49	83	12673	0.97	ug/l #	91
49) Methyl methacrylate	9.30	41	6862	0.69	ug/l #	76
50) 1,4-Dioxane	9.31	88	2109	18.04	ug/l #	73
52) 4-Methyl-2-Pentanone	10.07	43	45157	4.27	ug/l	97
53) Toluene	10.26	92	21136	0.99	ug/l	92
54) t-1,3-Dichloropropene	10.48	75	12517	0.86	ug/l	93
55) cis-1,3-Dichloropropene	9.93	75	13934	0.88	ug/l #	90
56) 1,1,2-Trichloroethane	10.66	97	7908	0.98	ug/l	93
57) Ethyl methacrylate	10.53	69	12281	0.91	ug/l #	88
58) 1,3-Dichloropropane	10.81	76	14548	0.97	ug/l	97
59) 2-Chloroethyl Vinyl ether	9.79	63	23374	3.76	ug/l	94
60) 2-Hexanone	10.84	43	30194	4.19	ug/l	99
61) Dibromochloromethane	11.00	129	6977	0.85	ug/l	99
62) 1,2-Dibromoethane	11.12	107	7147	0.90	ug/l	98
65) Tetrachloroethene	10.74	164	6180	1.11	ug/l	86
66) Chlorobenzene	11.54	112	20149	0.98	ug/l	97
67) 1,1,1,2-Tetrachloroethane	11.61	131	6444	0.92	ug/l #	54
68) Ethyl Benzene	11.62	91	37029	0.95	ug/l	98
69) m/p-Xylenes	11.73	106	25792	1.91	ug/l	91
70) o-Xylene	12.06	106	13528	1.00	ug/l	99
71) Styrene	12.07	104	19916	0.91	ug/l	93
72) Bromoform	12.24	173	4267	0.87	ug/l #	95
74) Isopropylbenzene	12.36	105	31787	0.97	ug/l	94
75) N-amyl acetate	12.17	43	11435	0.79	ug/l #	91
76) 1,1,2,2-Tetrachloroethane	12.61	83	10302	Below	Cal	93
77) 1,2,3-Trichloropropane	12.66	75	13723	1.53	ug/l	53
78) Bromobenzene	12.65	156	6593	1.03	ug/l	87
79) n-propylbenzene	12.71	91	37621	0.98	ug/l	100
80) 2-Chlorotoluene	12.79	91	24537	1.06	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	26054	0.99	ug/l	99
82) trans-1,4-Dichloro-2-buten	12.41	75	2954	0.81	ug/l #	85
83) 4-Chlorotoluene	12.89	91	23046	1.02	ug/l	95
84) tert-Butylbenzene	13.11	119	21152	0.98	ug/l	85
85) 1,2,4-Trimethylbenzene	13.16	105	25037	0.95	ug/l	95
86) sec-Butylbenzene	13.29	105	30415	0.96	ug/l	98
87) p-Isopropyltoluene	13.41	119	21516	0.88	ug/l	90
88) 1,3-Dichlorobenzene	13.41	146	10497	0.96	ug/l	89
89) 1,4-Dichlorobenzene	13.48	146	11734	1.06	ug/l	88
90) n-Butylbenzene	13.74	91	20556	0.87	ug/l	99
91) Hexachloroethane	14.01	117	5128	0.96	ug/l	85
92) 1,2-Dichlorobenzene	13.78	146	10832	1.00	ug/l	93

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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Mon Sep 21 12:10:35 2015
Response via : Initial Calibration

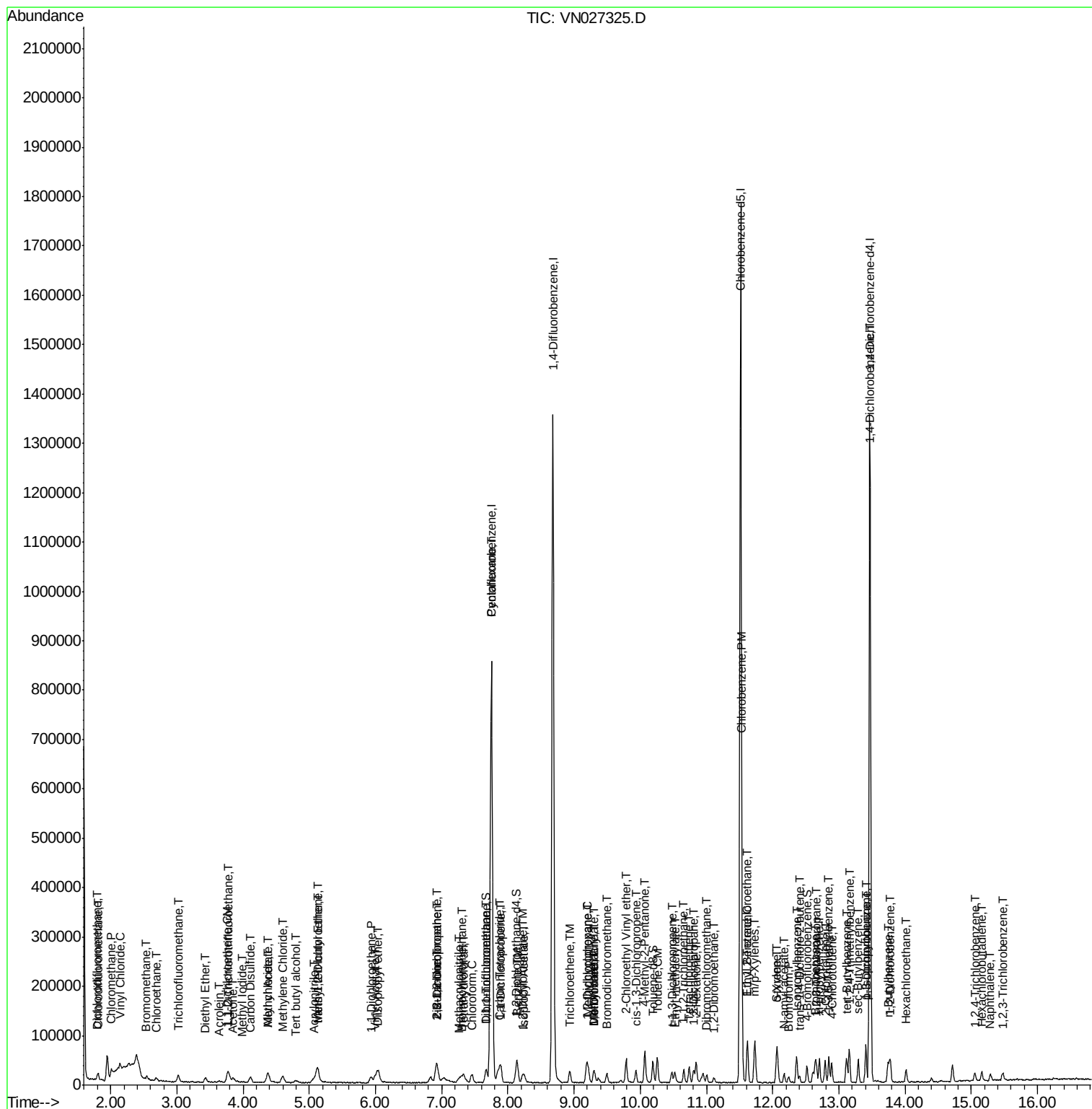
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	1904	Below Cal		73
94) 1,2,4-Trichlorobenzene	15.05	180	4437	0.76 ug/l		92
95) Hexachlorobutadiene	15.16	225	3105	1.01 ug/l		87
96) Naphthalene	15.29	128	10199	0.60 ug/l		98
97) 1,2,3-Trichlorobenzene	15.47	180	4662	0.80 ug/l		97

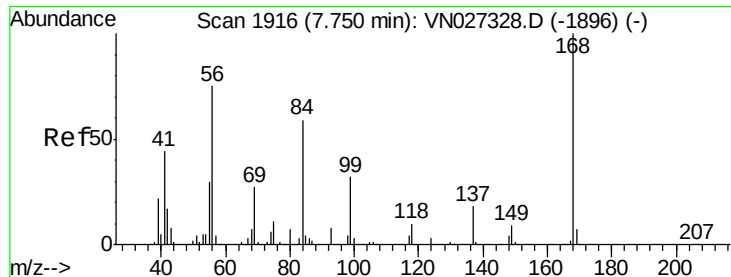
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN027325.D  
Acq On    : 21 Sep 2015   10:13  
Operator  : MD\FY  
Sample    : VSTDICC001  
Misc      : 5.00mL/MSVOA_N/WATER  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Sep 21 12:11:17 2015
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Quant Title : SW846 8260
QLast Update : Mon Sep 21 12:10:35 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

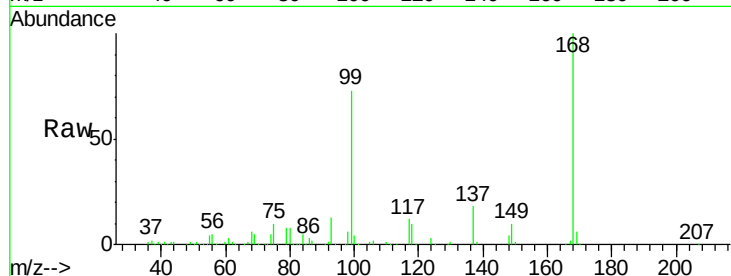
VSTDIC001

Tgt Ion:168 Resp: 590691

Ion Ratio Lower Upper

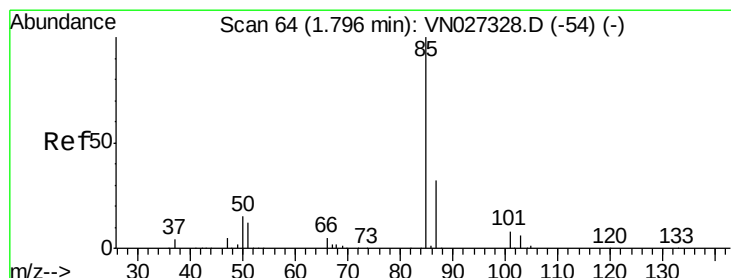
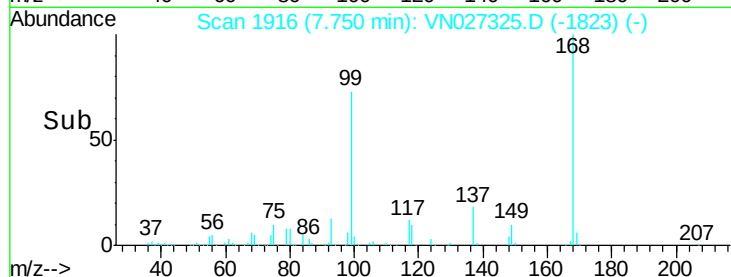
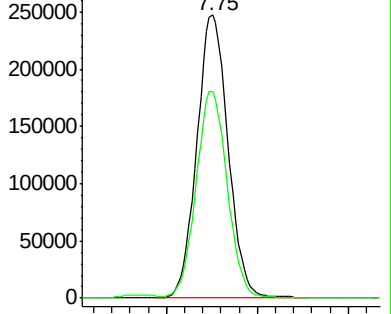
168 100

99 72.6 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.94 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027325.D

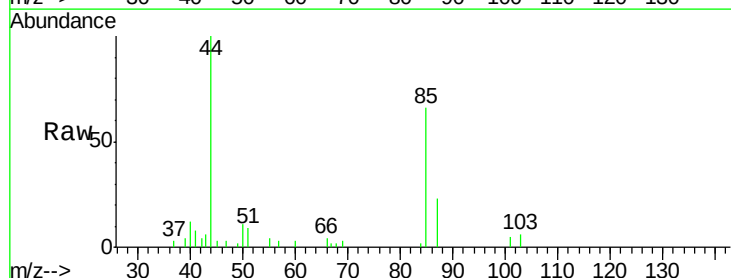
Acq: 21 Sep 2015 10:13

Tgt Ion: 85 Resp: 6664

Ion Ratio Lower Upper

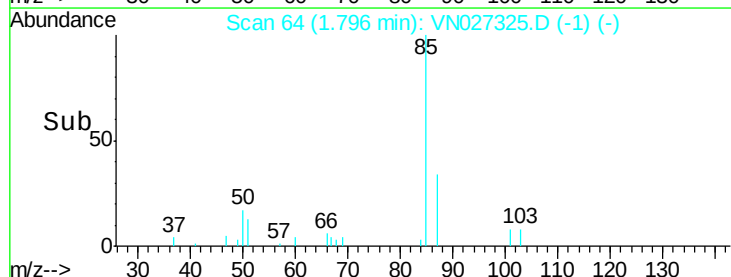
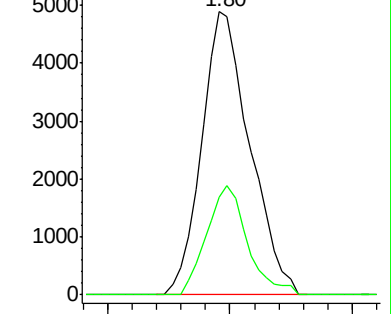
85 100

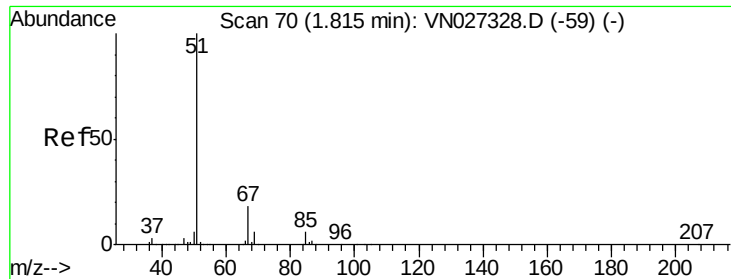
87 34.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chlorodifluoromethane

Concen: 1.00 ug/l

RT: 1.82 min Scan# 70

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

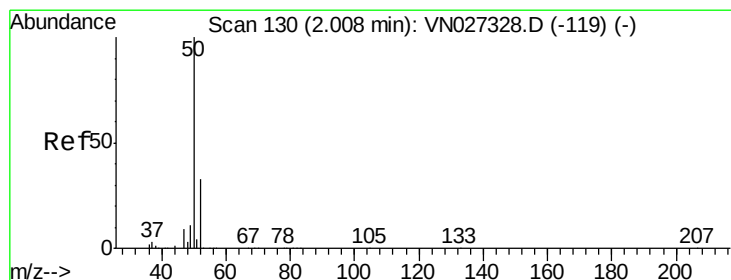
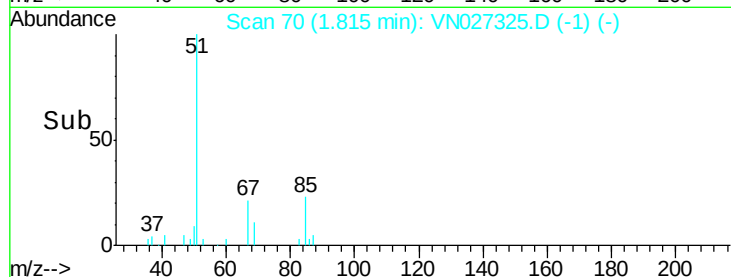
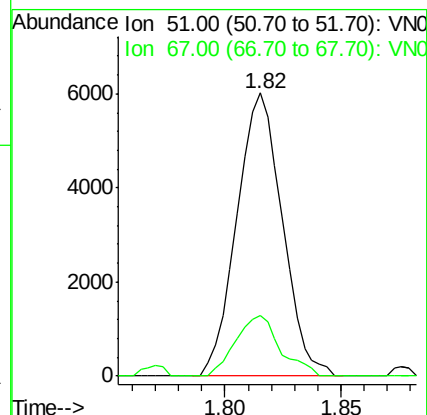
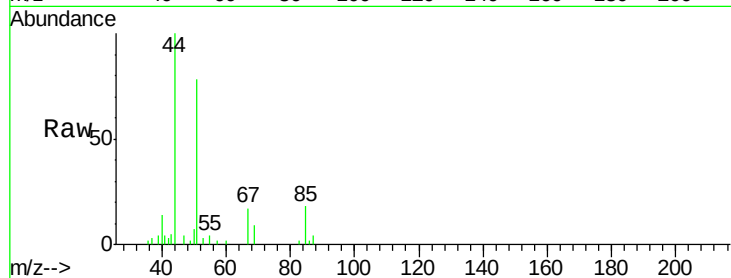
VSTDIC001

Tgt Ion: 51 Resp: 8202

Ion Ratio Lower Upper

51 100

67 20.9 12.2 18.2#



#4

Chloromethane

Concen: 2.14 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027325.D

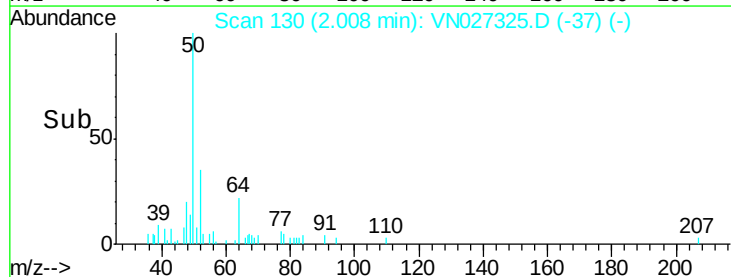
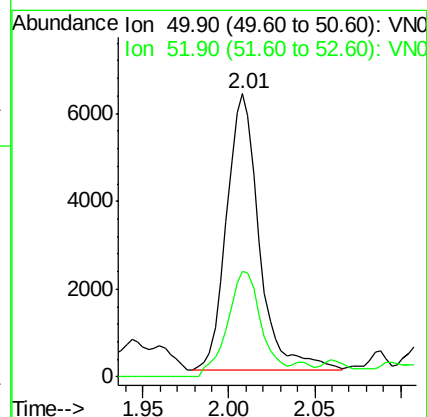
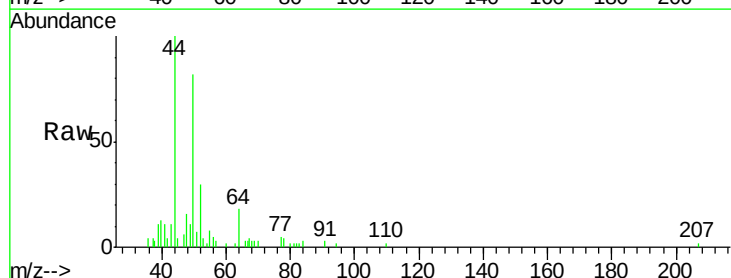
Acq: 21 Sep 2015 10:13

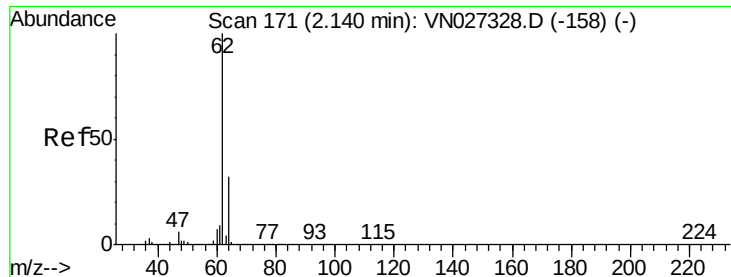
Tgt Ion: 50 Resp: 8363

Ion Ratio Lower Upper

50 100

52 38.1 25.9 38.9





#5

Vinyl Chloride

Concen: 1.07 ug/l

RT: 2.14 min Scan# 172

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

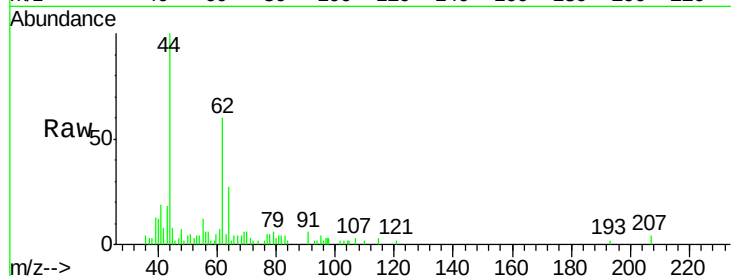
VSTDIC001

Tgt Ion: 62 Resp: 8915

Ion Ratio Lower Upper

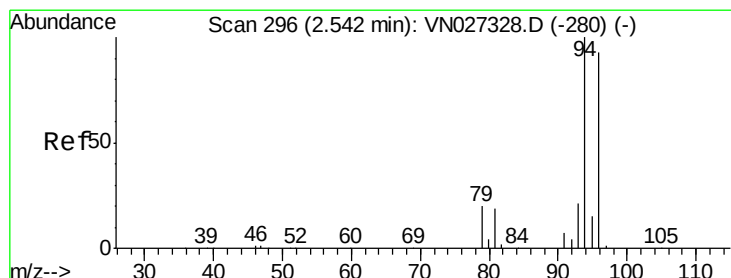
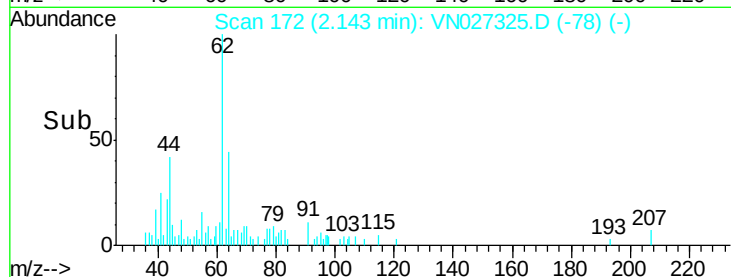
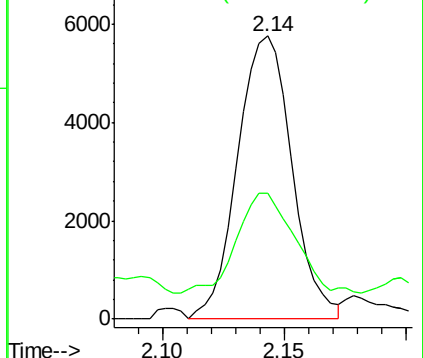
62 100

64 33.8 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: 2.41 ug/l

RT: 2.54 min Scan# 296

Delta R.T. -0.00 min

Lab File: VN027325.D

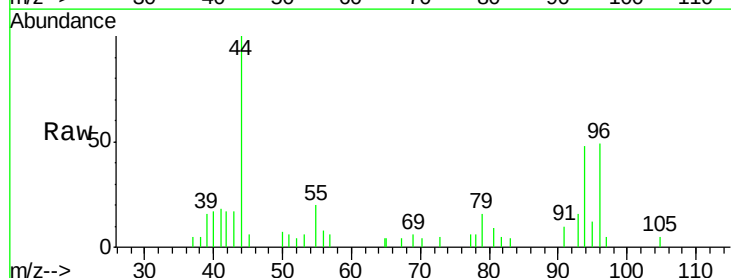
Acq: 21 Sep 2015 10:13

Tgt Ion: 94 Resp: 3434

Ion Ratio Lower Upper

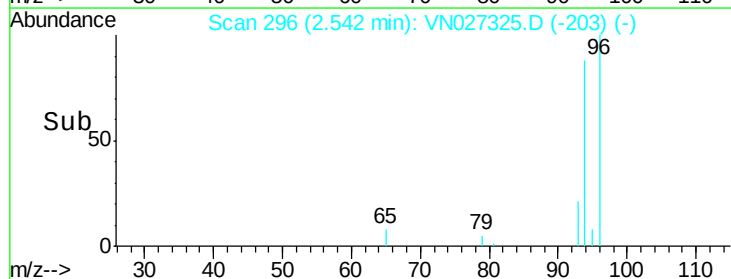
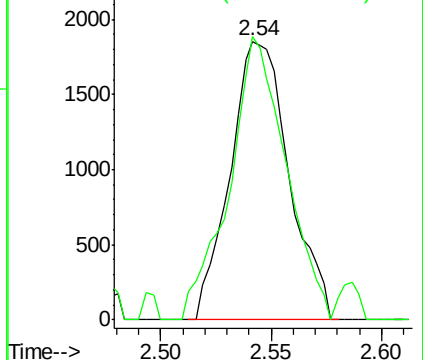
94 100

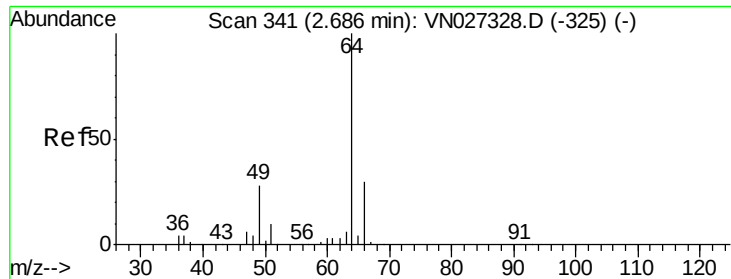
96 93.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#7

Chloroethane

Concen: 1.03 ug/l

RT: 2.69 min Scan# 341

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

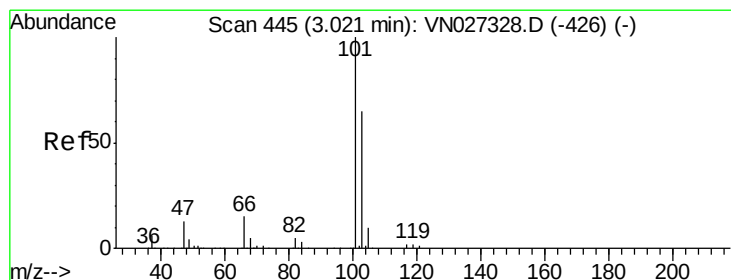
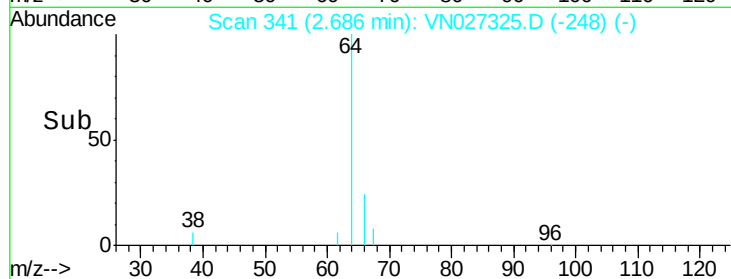
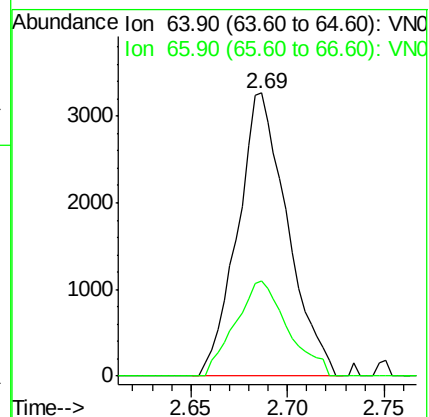
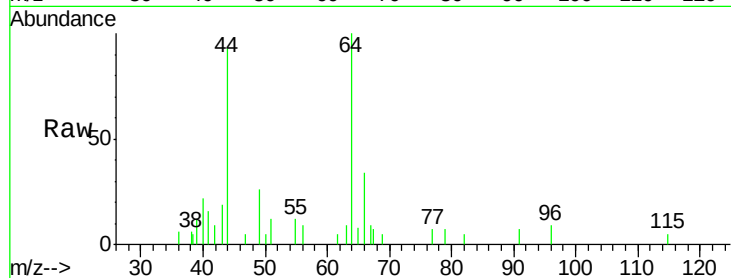
VSTDIC001

Tgt Ion: 64 Resp: 5845

Ion Ratio Lower Upper

64 100

66 33.7 25.5 38.3



#8

Trichlorofluoromethane

Concen: 0.95 ug/l

RT: 3.02 min Scan# 444

Delta R.T. -0.00 min

Lab File: VN027325.D

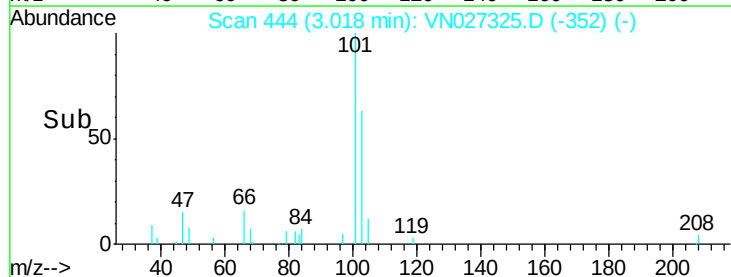
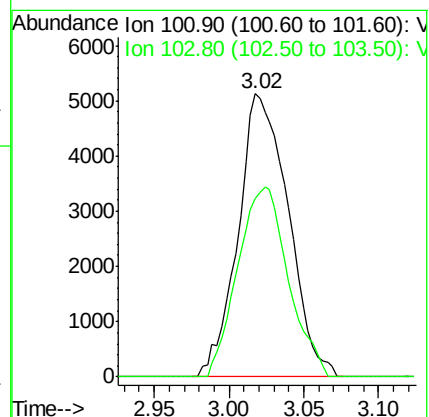
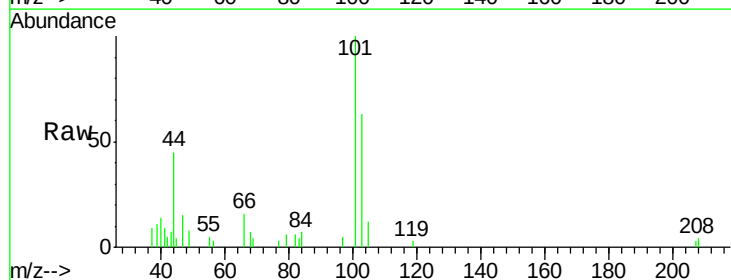
Acq: 21 Sep 2015 10:13

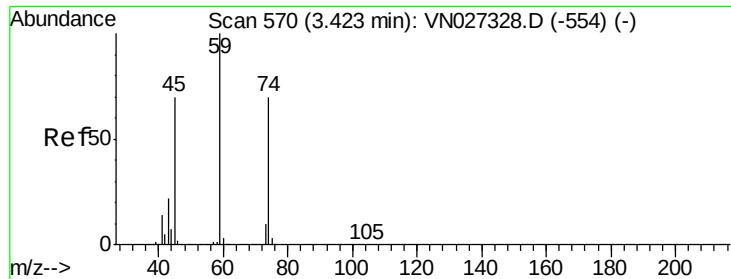
Tgt Ion: 101 Resp: 11937

Ion Ratio Lower Upper

101 100

103 63.0 52.6 79.0





#9

Diethyl Ether

Concen: 0.93 ug/l

RT: 3.44 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampled :

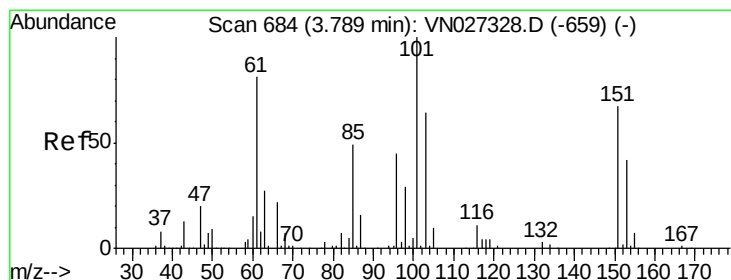
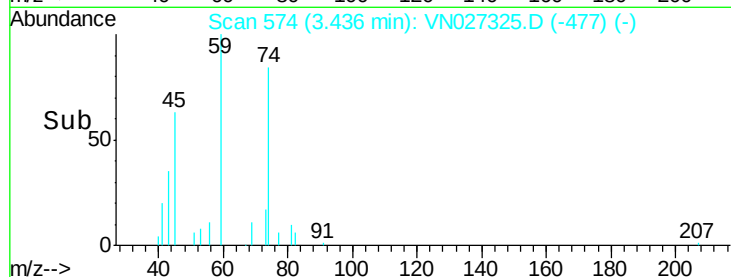
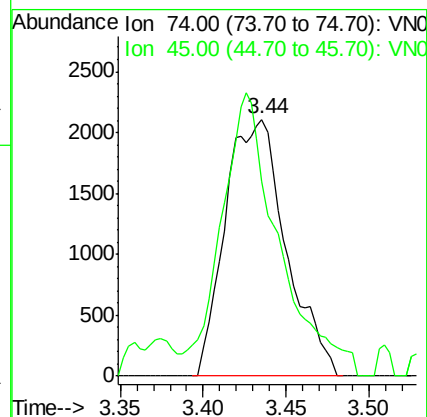
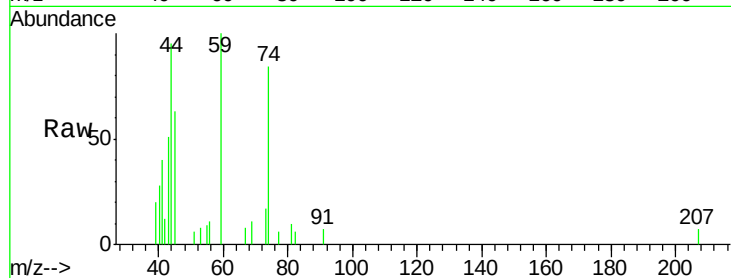
VSTDIC001

Tgt Ion: 74 Resp: 5367

Ion Ratio Lower Upper

74 100

45 104.1 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 0.97 ug/l

RT: 3.79 min Scan# 683

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

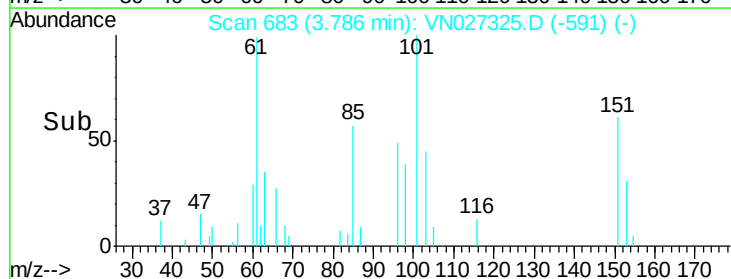
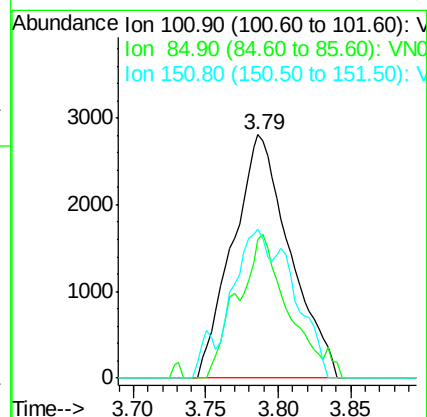
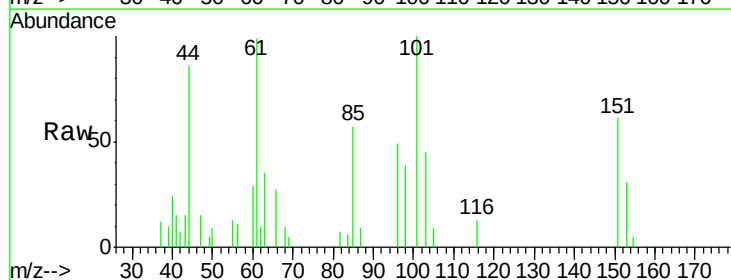
Tgt Ion: 101 Resp: 7694

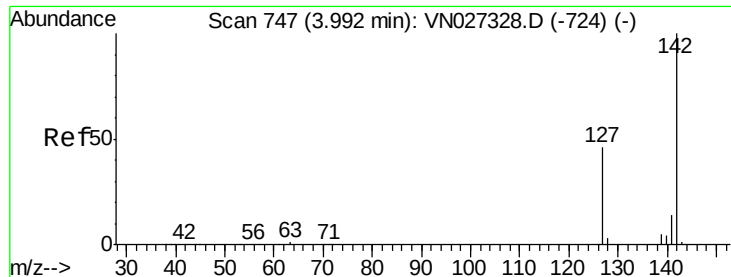
Ion Ratio Lower Upper

101 100

85 50.9 37.4 56.0

151 28.1 55.9 83.9#

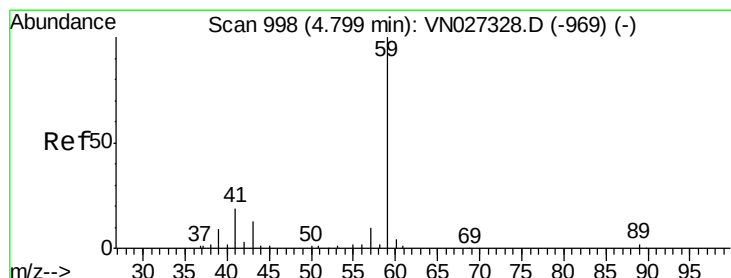
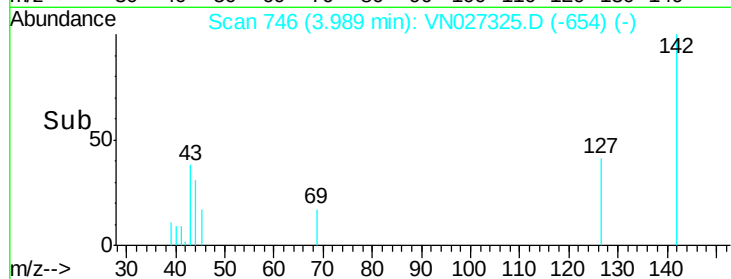
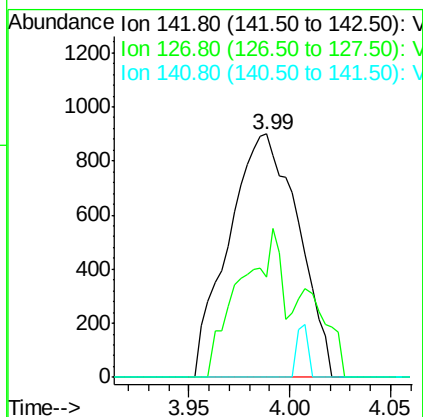
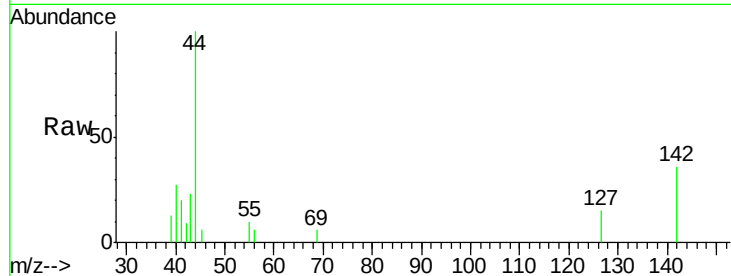




#11
Methyl Iodide
Concen: 0.28 ug/l
RT: 3.99 min Scan# 746
Delta R.T. -0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

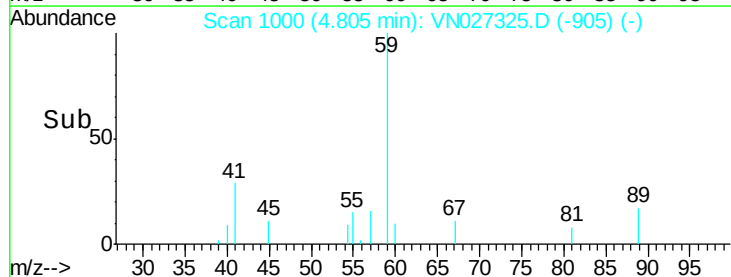
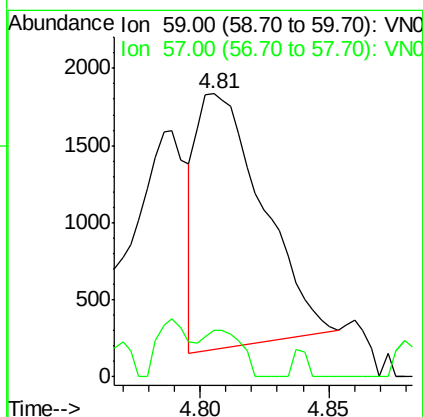
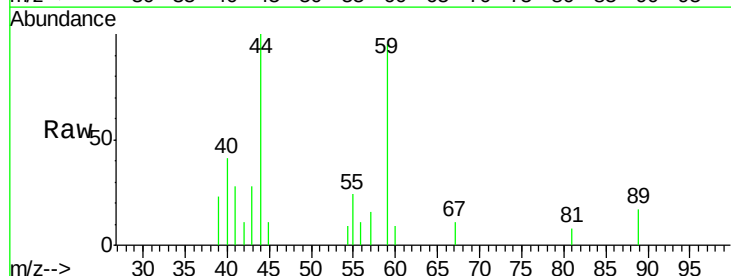
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

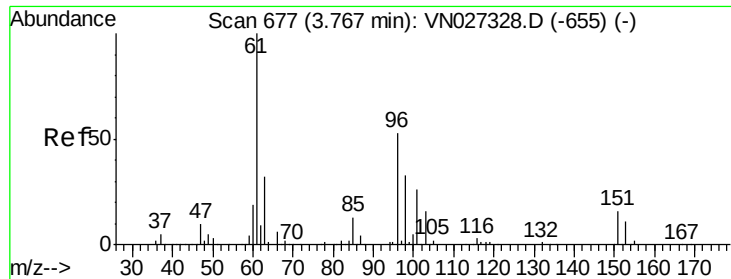
Tgt Ion: 142 Resp: 2153
Ion Ratio Lower Upper
142 100
127 38.8 32.3 48.5
141 0.0 11.2 16.8#



#12
Tert butyl alcohol
Concen: 2.48 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

Tgt Ion: 59 Resp: 2937
Ion Ratio Lower Upper
59 100
57 10.2 7.6 11.4

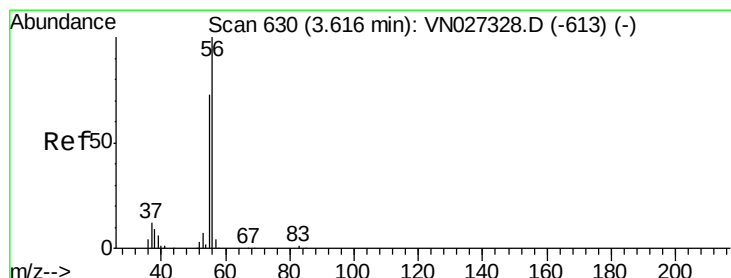
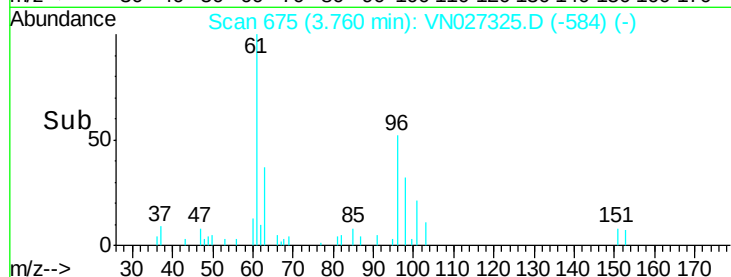
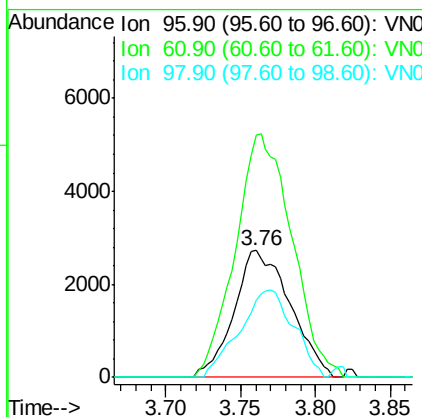
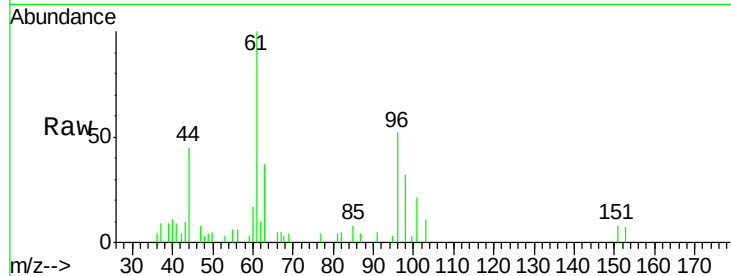




#13
 1,1-Dichloroethene
 Concen: 0.94 ug/l
 RT: 3.76 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

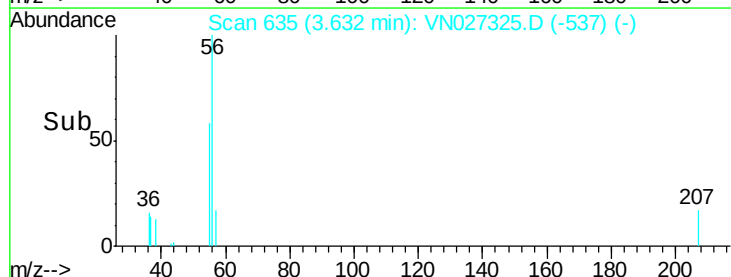
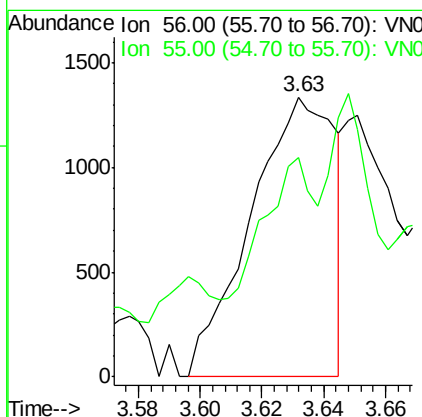
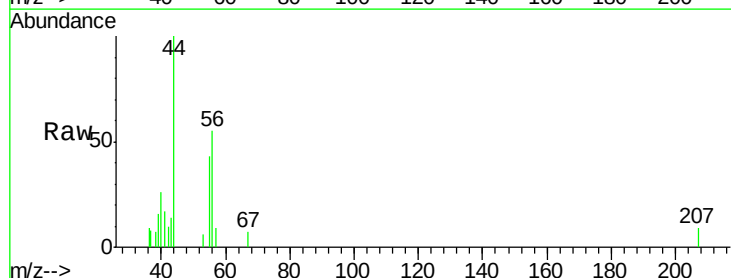
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

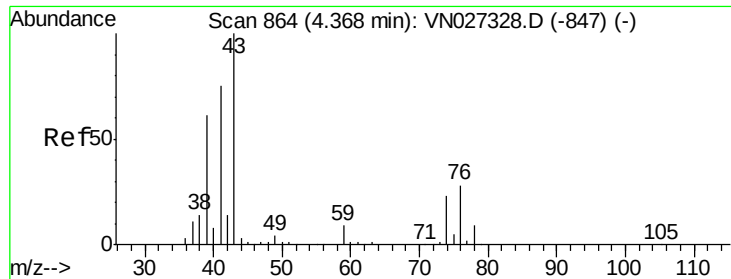
Tgt Ion: 96 Resp: 7113
 Ion Ratio Lower Upper
 96 100
 61 191.7 143.8 215.8
 98 60.7 50.3 75.5



#14
 Acrolein
 Concen: 1.80 ug/l
 RT: 3.63 min Scan# 635
 Delta R.T. 0.02 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 56 Resp: 2509
 Ion Ratio Lower Upper
 56 100
 55 29.1 55.7 83.5#





#15

Allyl chloride

Concen: 0.96 ug/l

RT: 4.37 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

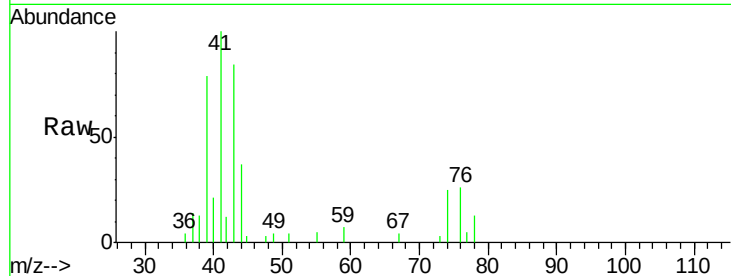
Tgt Ion: 41 Resp: 14725

Ion Ratio Lower Upper

41 100

39 81.0 49.7 74.5#

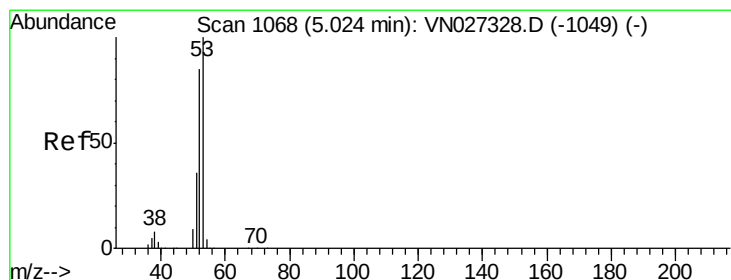
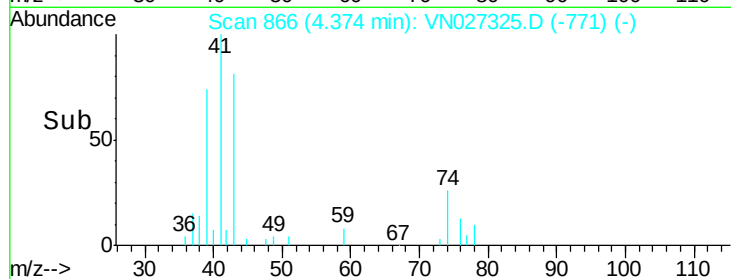
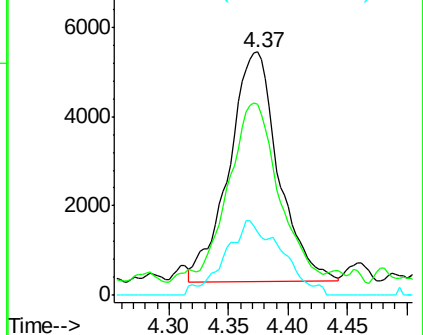
76 36.4 24.8 37.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acrylonitrile

Concen: 2.38 ug/l

RT: 5.06 min Scan# 1079

Delta R.T. 0.04 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

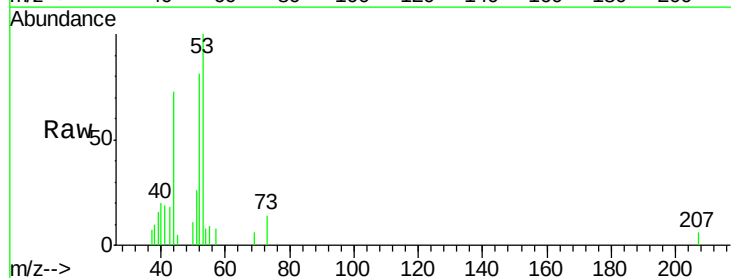
Tgt Ion: 53 Resp: 9206

Ion Ratio Lower Upper

53 100

52 48.9 66.9 100.3#

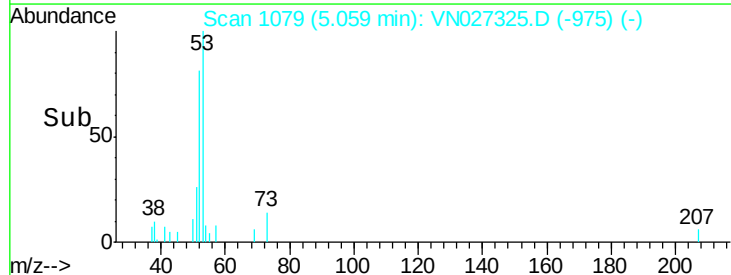
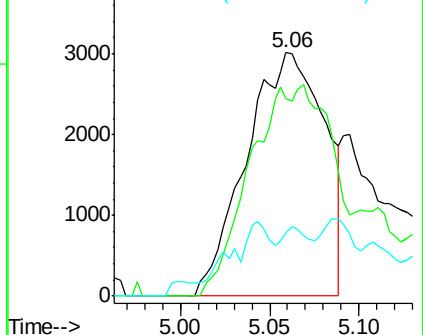
51 4.8 27.4 41.0#

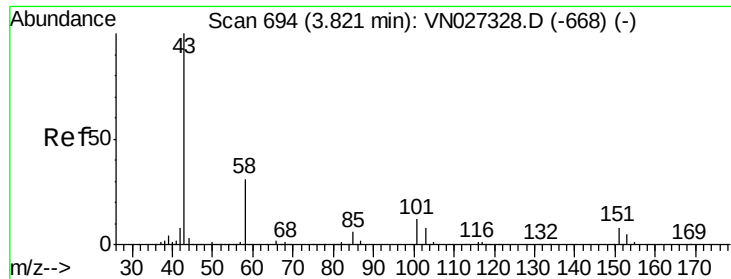


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#17

Acetone

Concen: 5.23 ug/l

RT: 3.85 min Scan# 702

Delta R.T. 0.03 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

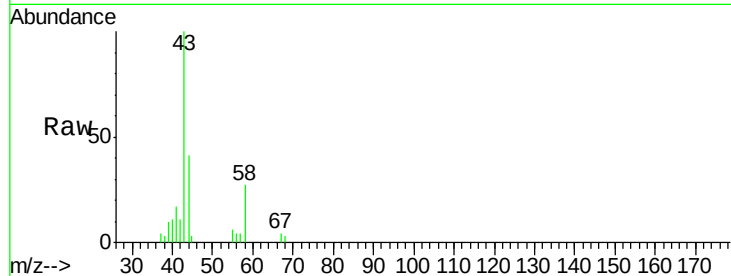
VSTDIC001

Tgt Ion: 43 Resp: 17061

Ion Ratio Lower Upper

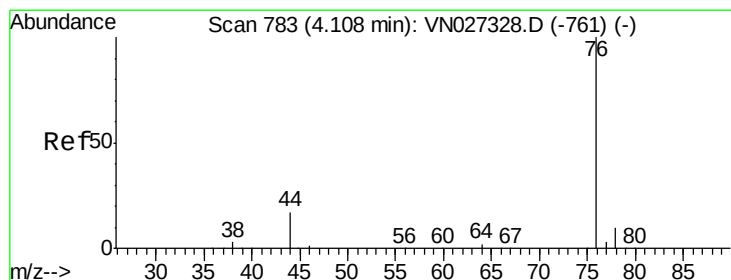
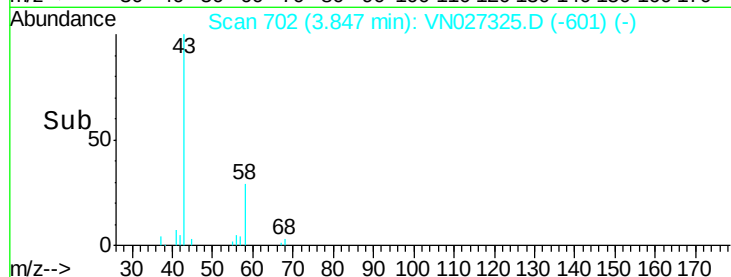
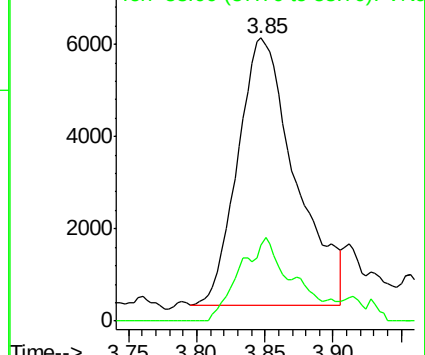
43 100

58 28.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 0.89 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027325.D

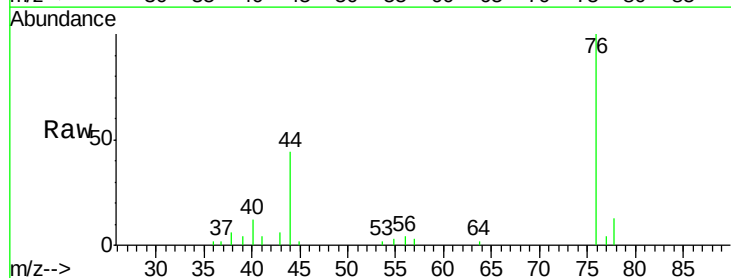
Acq: 21 Sep 2015 10:13

Tgt Ion: 76 Resp: 21953

Ion Ratio Lower Upper

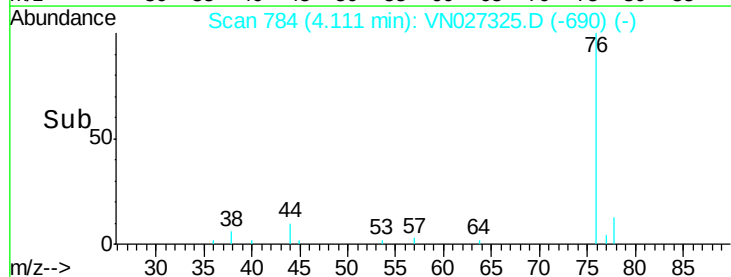
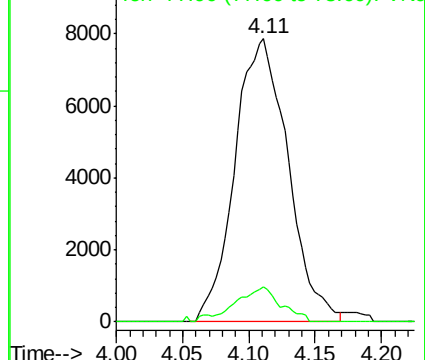
76 100

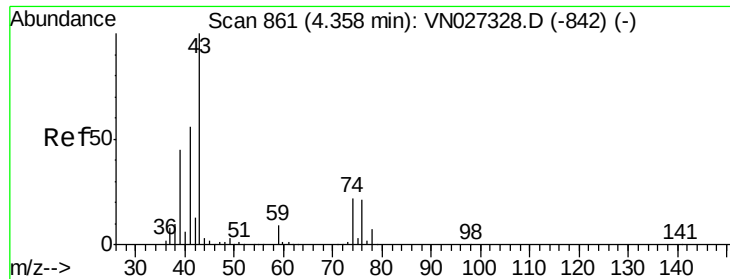
78 12.6 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#19

Methyl Acetate

Concen: 0.67 ug/l

RT: 4.38 min Scan# 869

Delta R.T. 0.03 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampled :

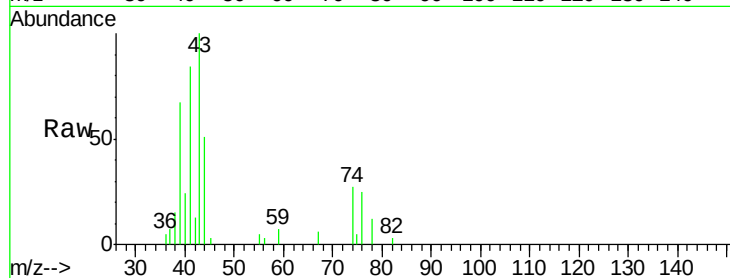
VSTDIC001

Tgt Ion: 43 Resp: 15877

Ion Ratio Lower Upper

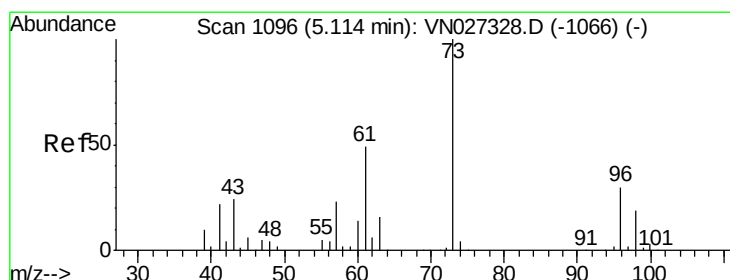
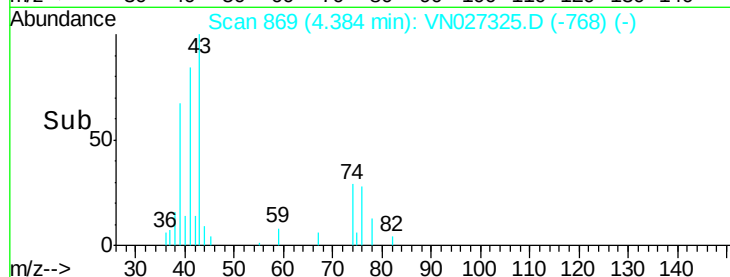
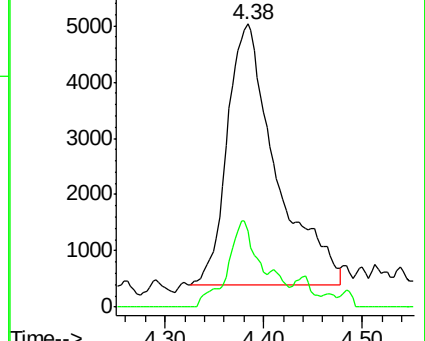
43 100

74 20.0 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methyl tert-butyl Ether

Concen: 0.92 ug/l

RT: 5.12 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VN027325.D

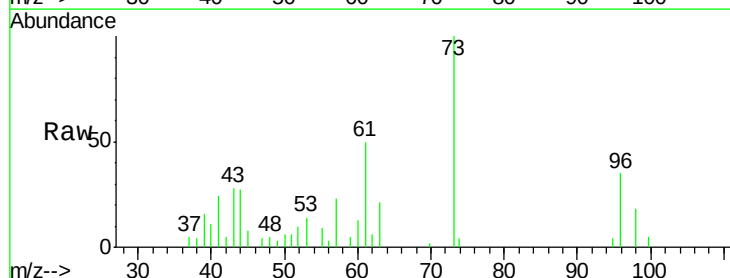
Acq: 21 Sep 2015 10:13

Tgt Ion: 73 Resp: 27961

Ion Ratio Lower Upper

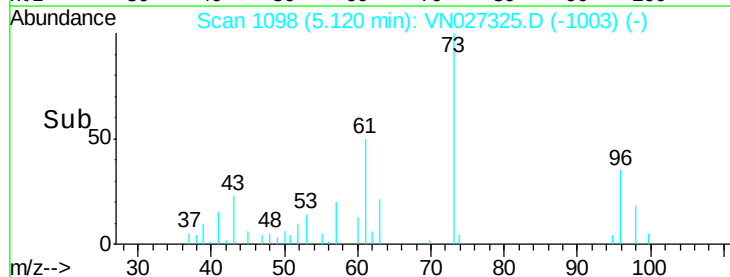
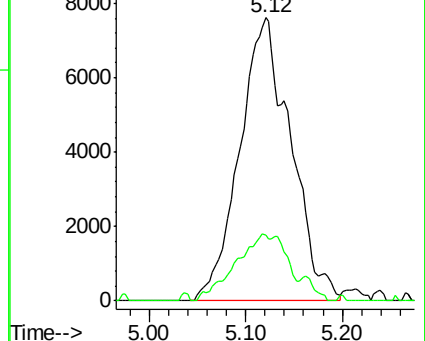
73 100

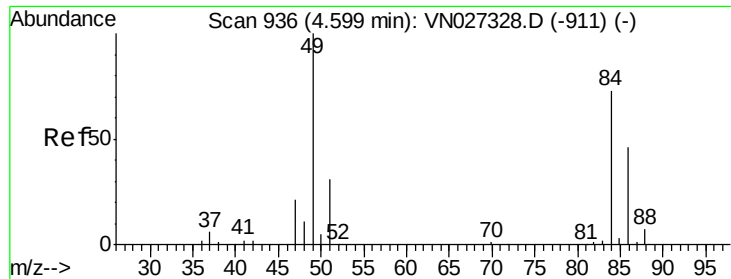
57 23.4 19.8 29.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#21

Methylene Chloride

Concen: 0.54 ug/l

RT: 4.59 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 84 Resp: 4936

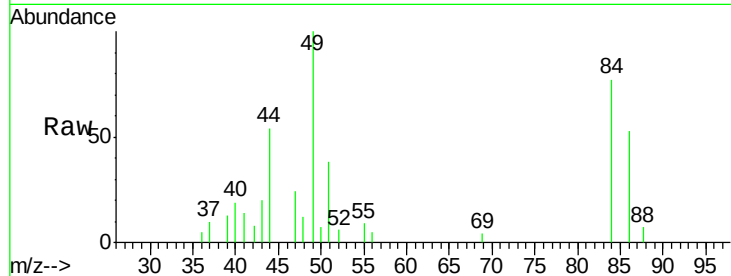
Ion Ratio Lower Upper

84 100

49 130.0 112.3 168.5

51 48.9 33.8 50.8

86 69.5 48.2 72.4

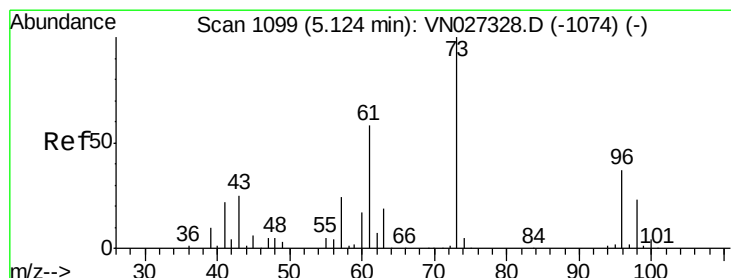
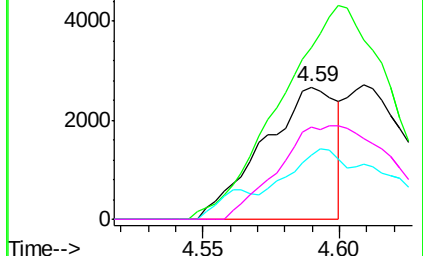
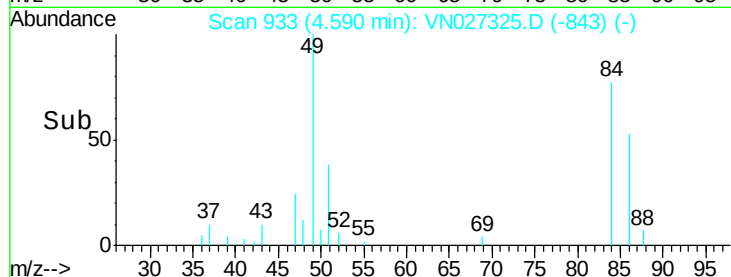


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 1.02 ug/l

RT: 5.12 min Scan# 1097

Delta R.T. -0.01 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

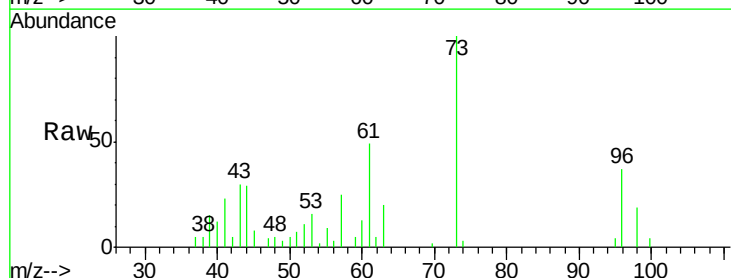
Tgt Ion: 96 Resp: 8367

Ion Ratio Lower Upper

96 100

61 118.8 126.6 189.8#

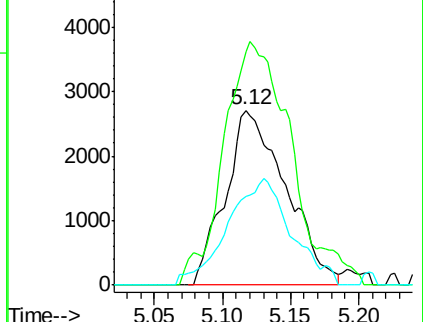
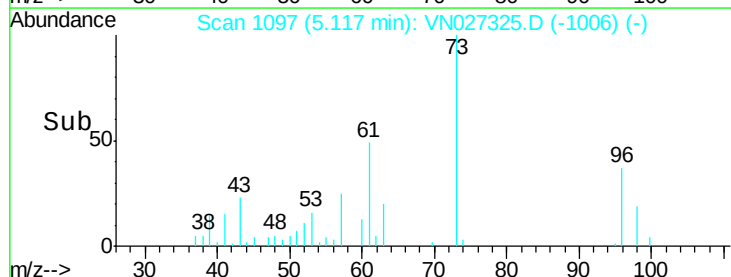
98 50.6 47.4 71.2

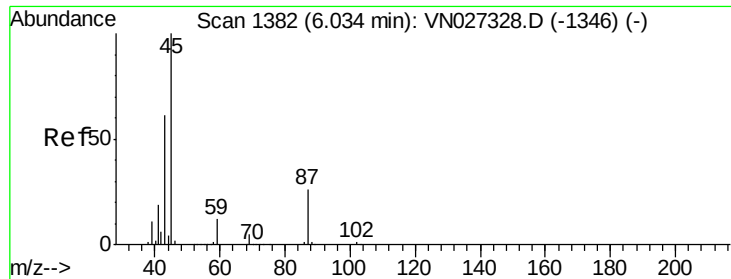


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

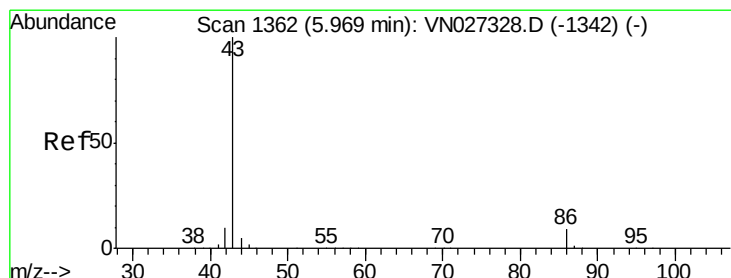
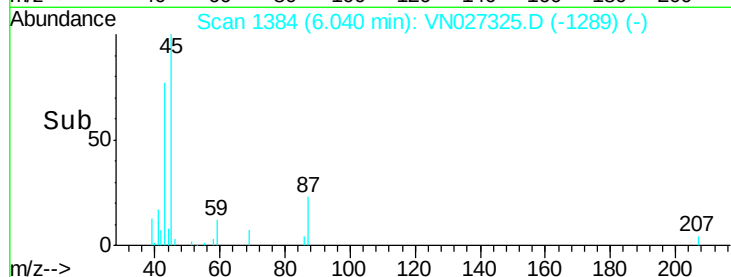
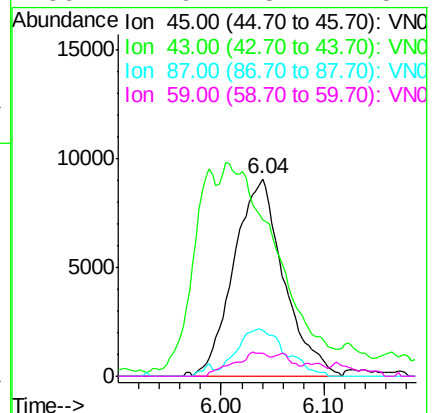
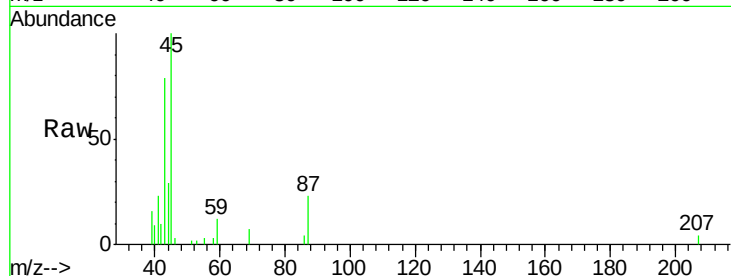




#23
 Diisopropyl ether
 Concen: 0.95 ug/l
 RT: 6.04 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

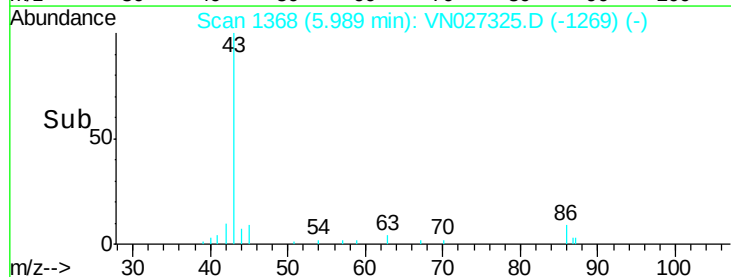
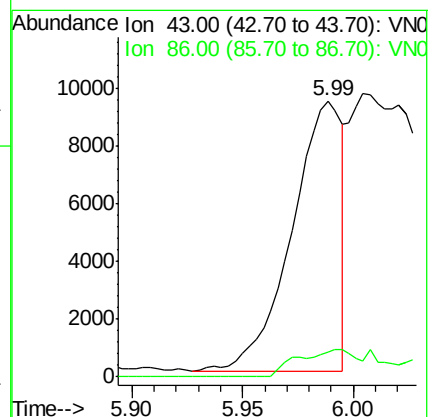
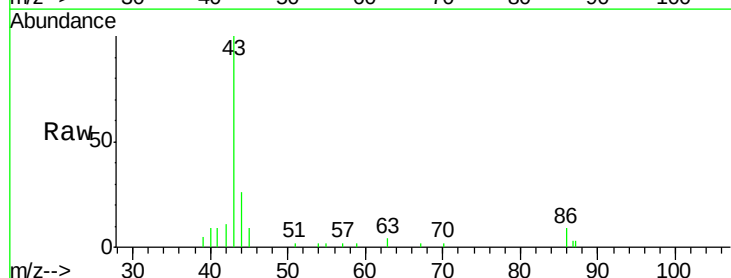
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

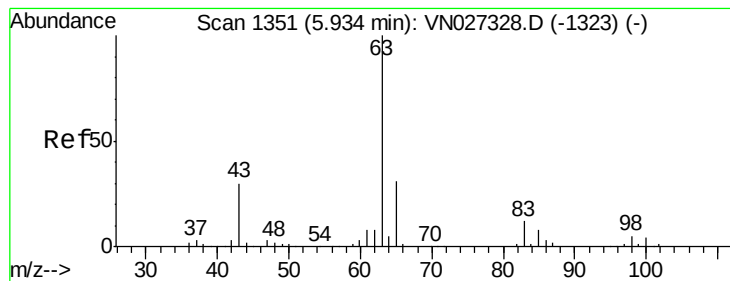
Tgt Ion:	45	Resp:	30503
Ion	Ratio	Lower	Upper
45	100		
43	64.7	41.0	61.6#
87	23.4	17.5	26.3
59	11.9	8.7	13.1



#24
 Vinyl Acetate
 Concen: 1.40 ug/l
 RT: 5.99 min Scan# 1368
 Delta R.T. 0.02 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion:	43	Resp:	14850
Ion	Ratio	Lower	Upper
43	100		
86	9.3	6.9	10.3





#25

1,1-Dichloroethane

Concen: 0.96 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

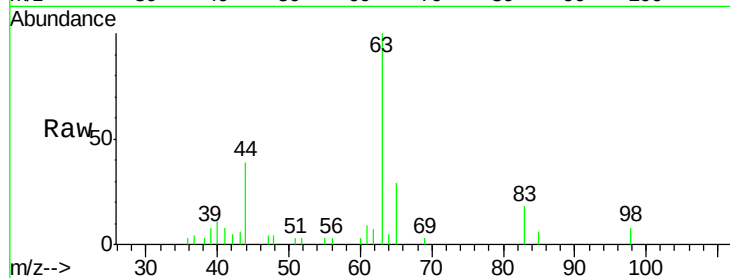
Tgt Ion: 63 Resp: 18006

Ion Ratio Lower Upper

63 100

98 8.2 2.8 8.3

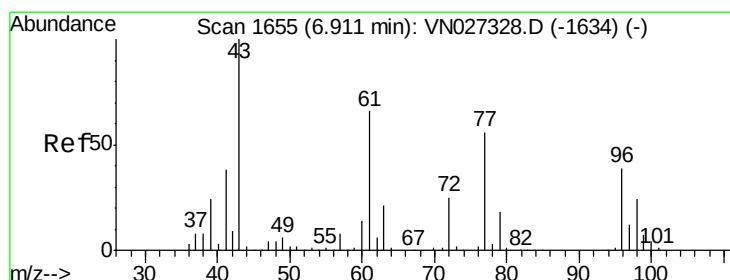
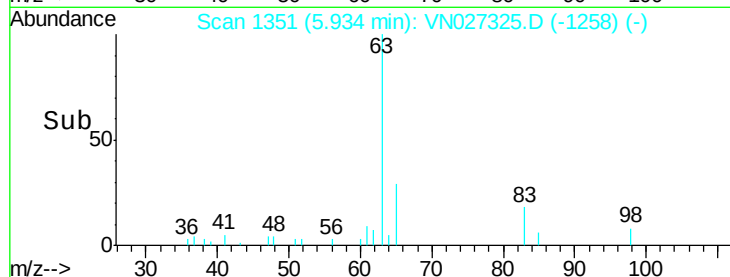
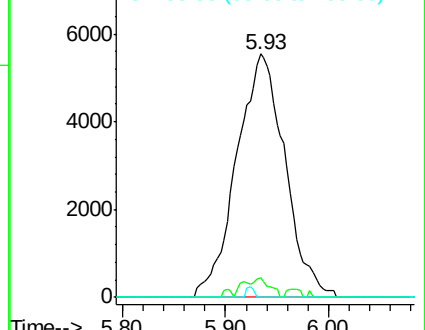
100 0.0 1.7 5.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



#26

2-Butanone

Concen: 3.58 ug/l

RT: 6.94 min Scan# 1665

Delta R.T. 0.03 min

Lab File: VN027325.D

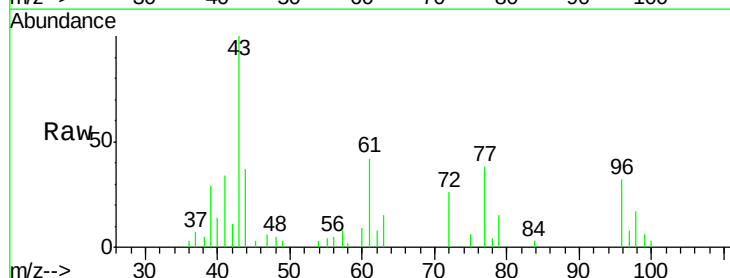
Acq: 21 Sep 2015 10:13

Tgt Ion: 43 Resp: 17573

Ion Ratio Lower Upper

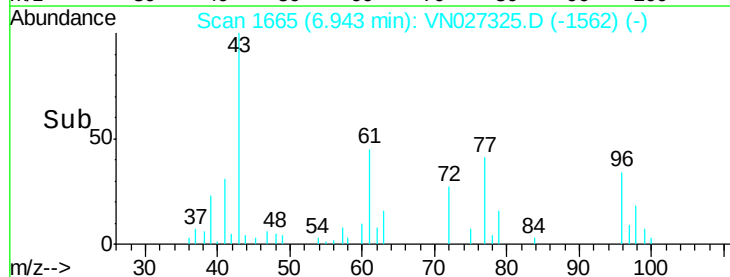
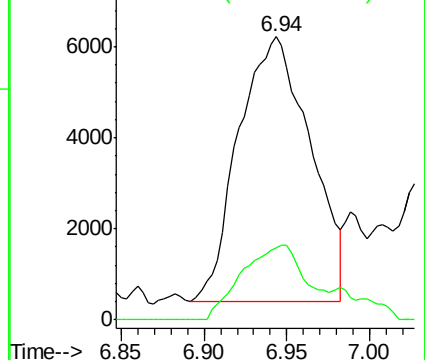
43 100

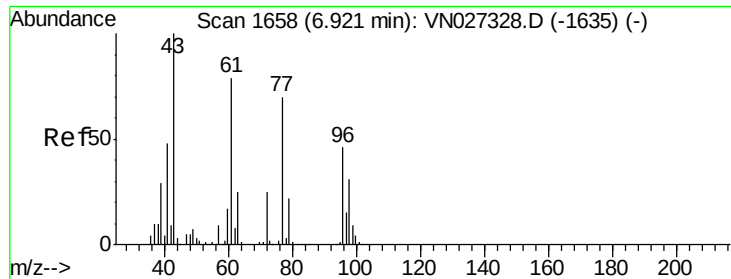
72 27.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

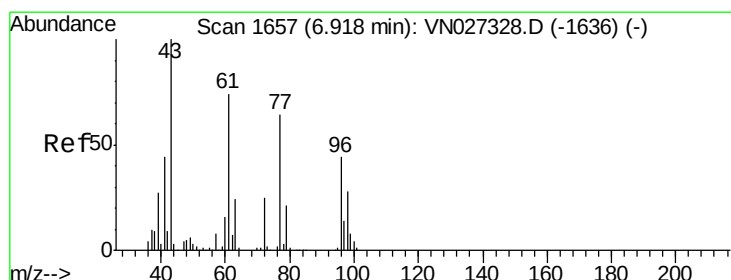
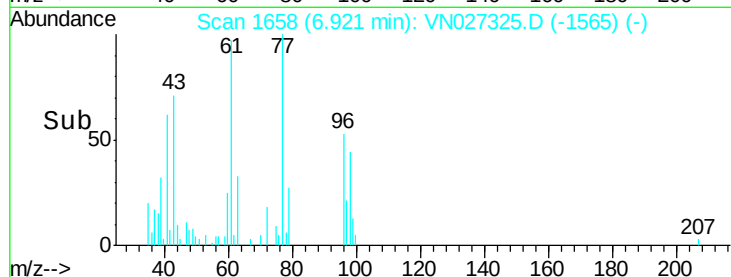
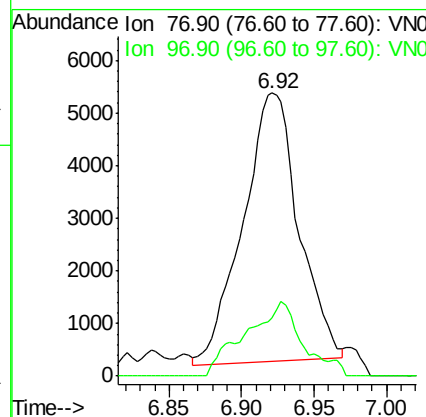
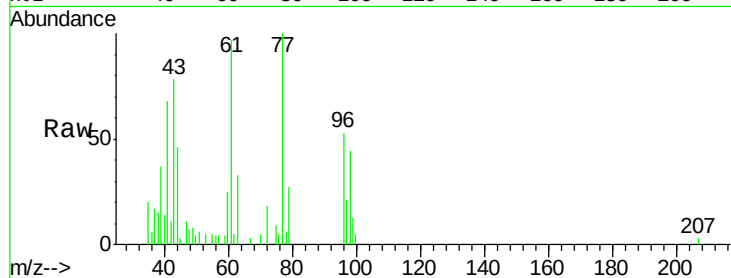




#27
 2,2-Dichloropropane
 Concen: 0.85 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

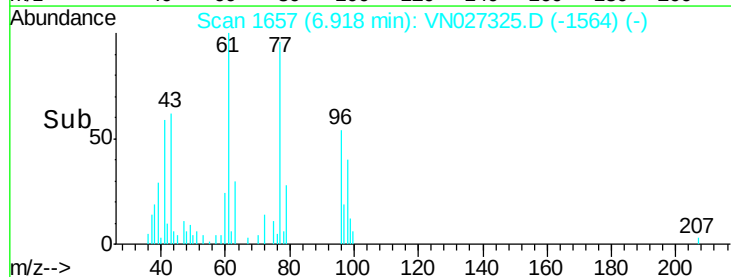
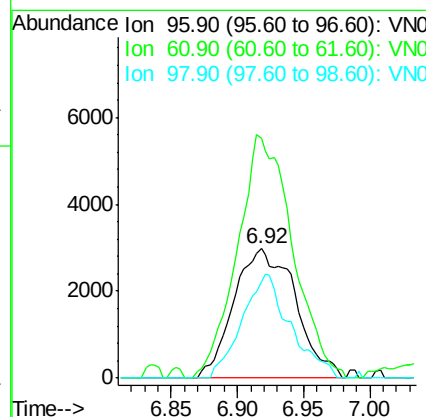
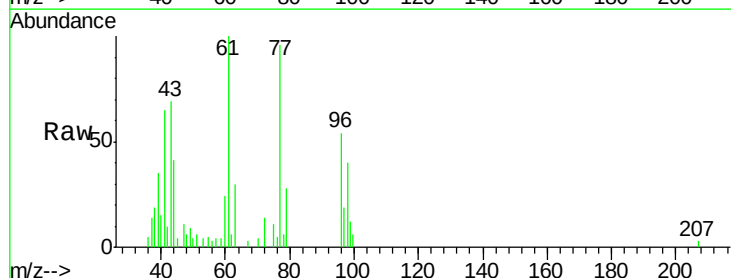
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

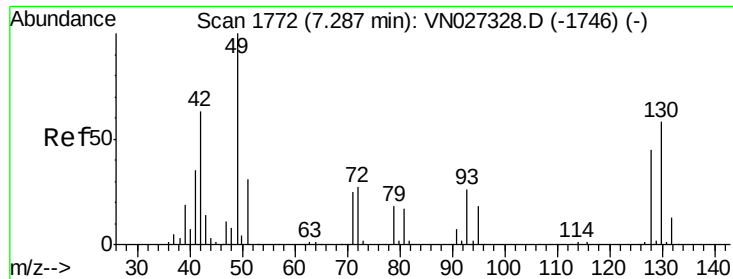
Tgt Ion: 77 Resp: 13711
 Ion Ratio Lower Upper
 77 100
 97 28.4 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 1.03 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 96 Resp: 9683
 Ion Ratio Lower Upper
 96 100
 61 167.9 0.0 329.2
 98 62.7 0.0 126.0





#29

Bromochloromethane

Concen: 0.96 ug/l

RT: 7.29 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

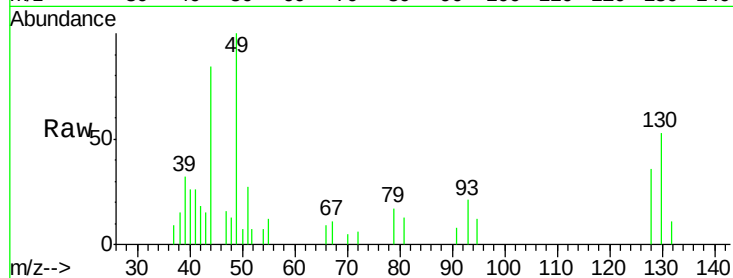
Tgt Ion: 49 Resp: 6965

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.2

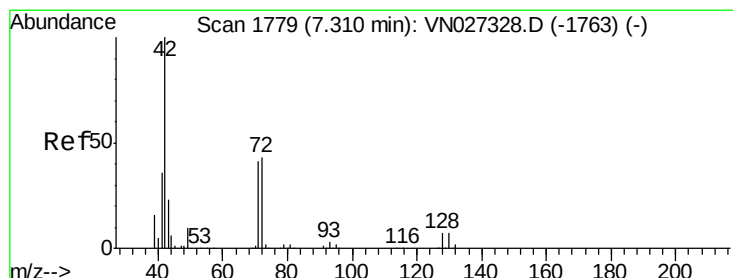
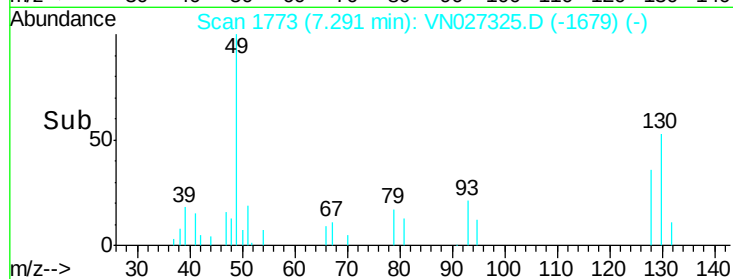
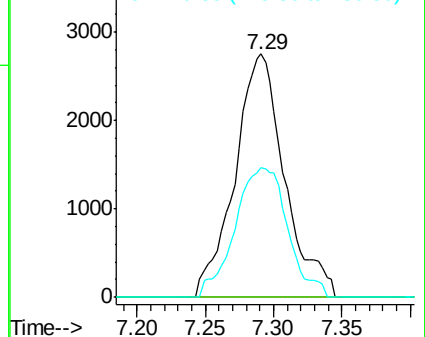
130 56.4 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN027325.D (-1679) (-)

Ion 128.80 (128.50 to 129.50): VN027325.D (-1679) (-)

Ion 129.80 (129.50 to 130.50): VN027325.D (-1679) (-)



#30

Tetrahydrofuran

Concen: 3.87 ug/l

RT: 7.33 min Scan# 1786

Delta R.T. 0.02 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

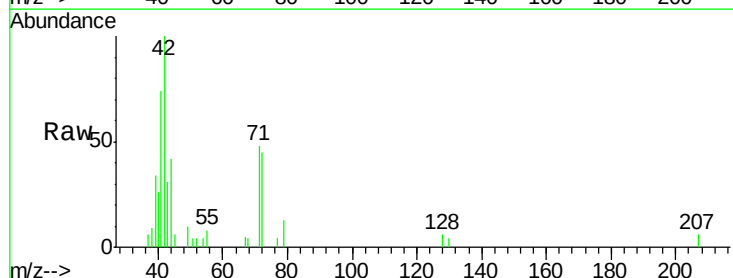
Tgt Ion: 42 Resp: 13098

Ion Ratio Lower Upper

42 100

72 41.0 29.9 44.9

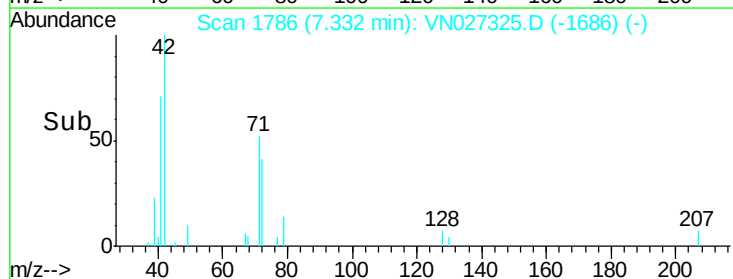
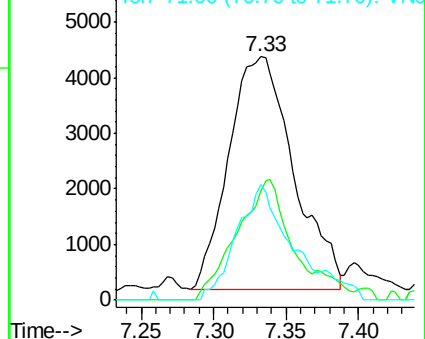
71 43.7 28.3 42.5#

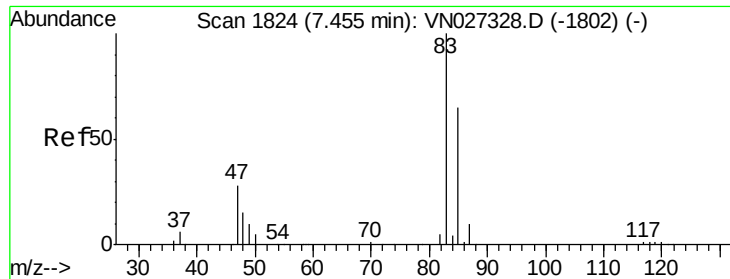


Abundance Ion 42.00 (41.70 to 42.70): VN027325.D (-1686) (-)

Ion 72.00 (71.70 to 72.70): VN027325.D (-1686) (-)

Ion 71.00 (70.70 to 71.70): VN027325.D (-1686) (-)





#31

Chloroform

Concen: 0.96 ug/l

RT: 7.46 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

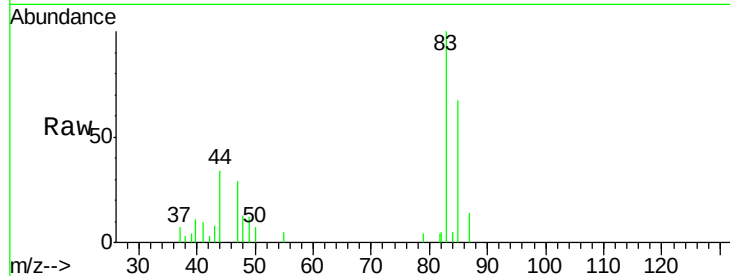
VSTDIC001

Tgt Ion: 83 Resp: 16154

Ion Ratio Lower Upper

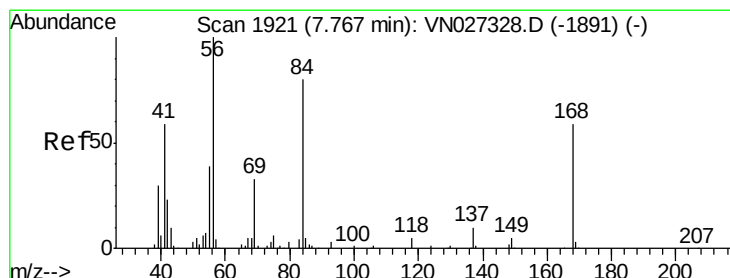
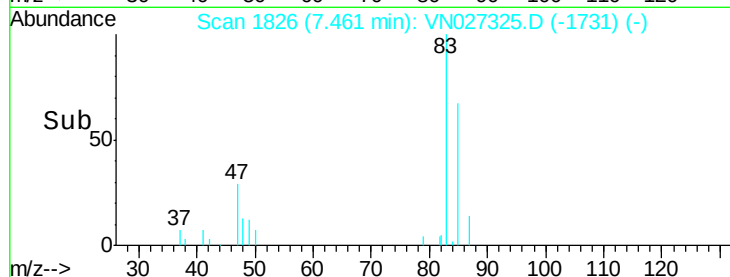
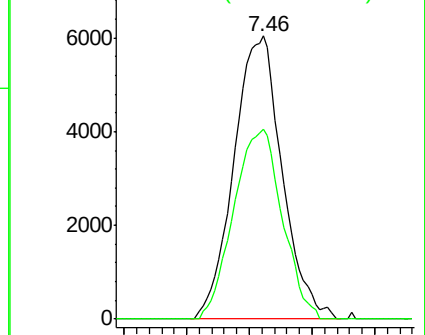
83 100

85 67.0 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO



#32

Cyclohexane

Concen: 1.09 ug/l

RT: 7.76 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

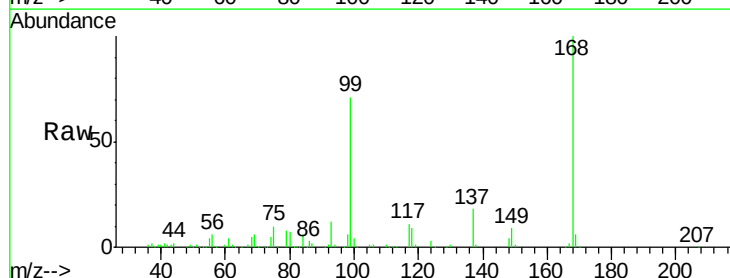
Tgt Ion: 56 Resp: 33074

Ion Ratio Lower Upper

56 100

69 95.6 23.0 34.4#

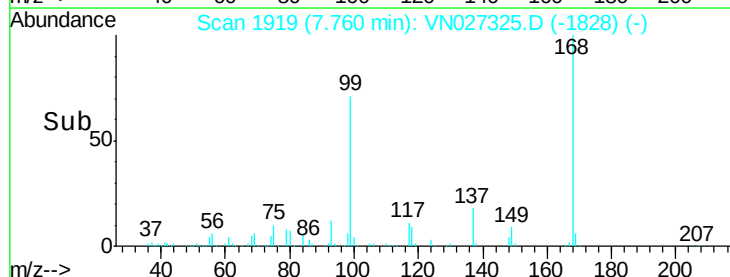
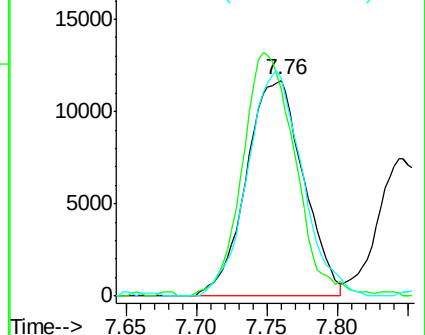
84 101.2 57.8 86.8#

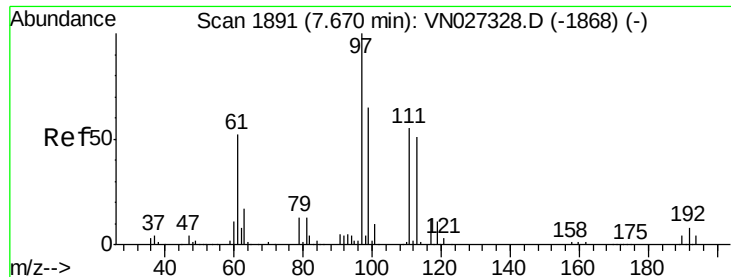


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

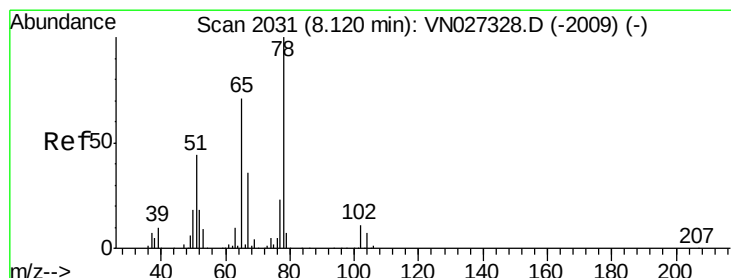
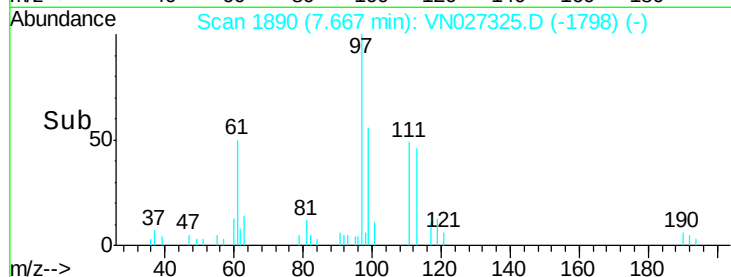
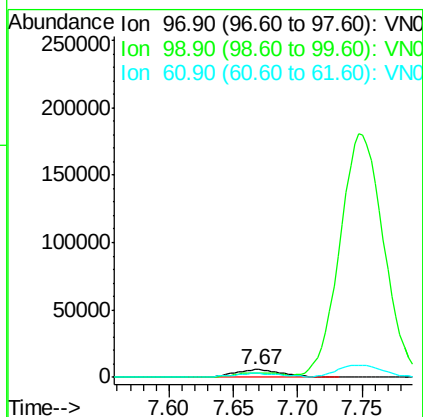
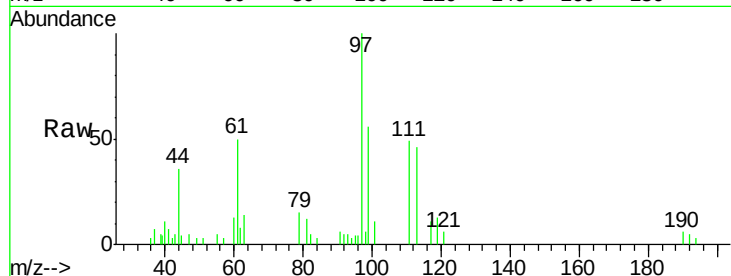




#33
 1,1,1-Trichloroethane
 Concen: 1.02 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

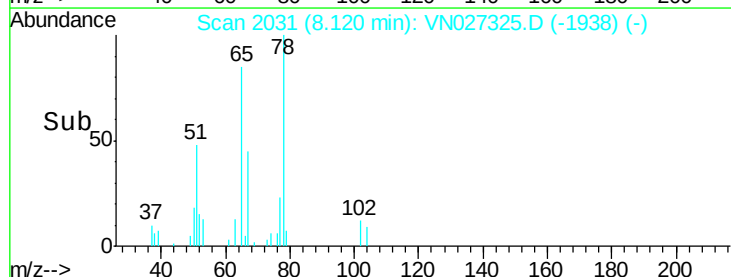
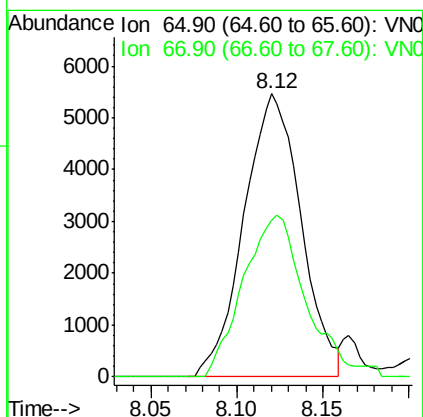
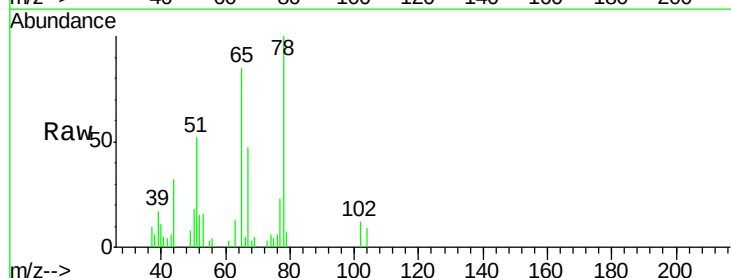
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

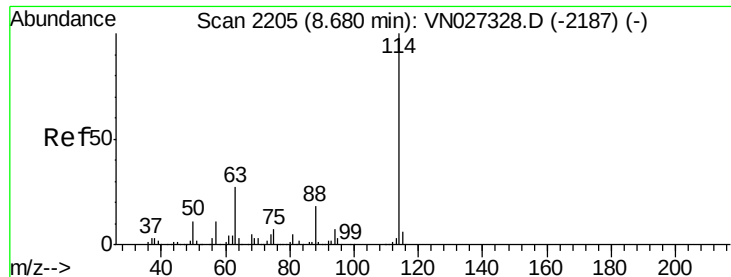
Tgt Ion: 97 Resp: 15358
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.1 75.1#
 61 50.6 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 1.04 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 65 Resp: 12596
 Ion Ratio Lower Upper
 65 100
 67 63.0 0.0 110.6

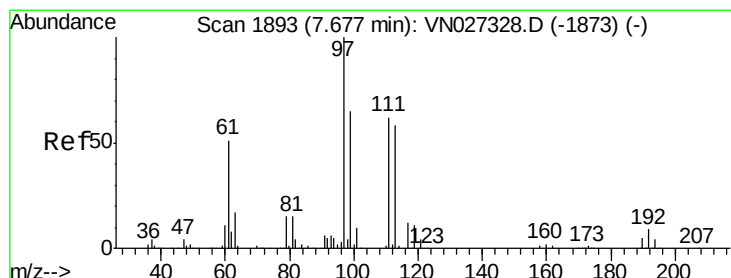
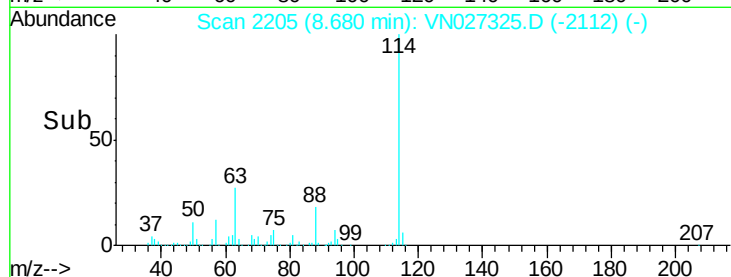
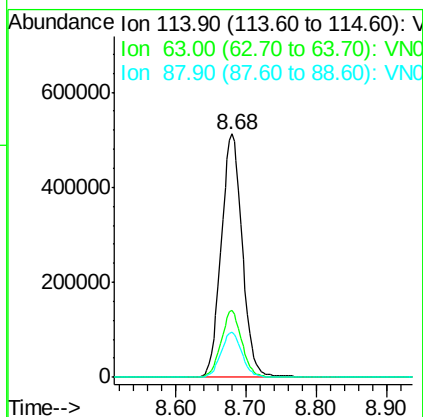
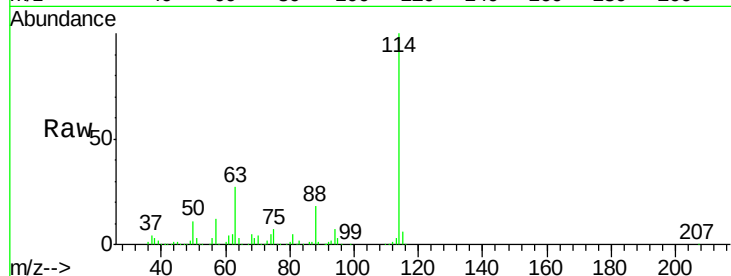




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

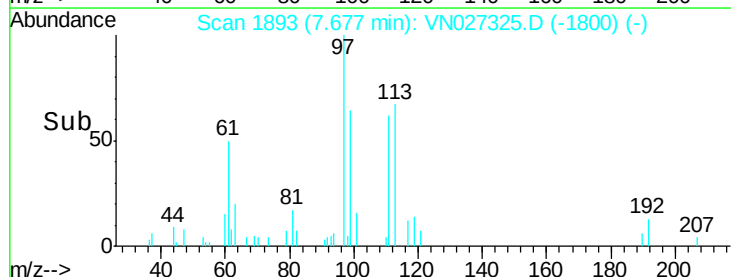
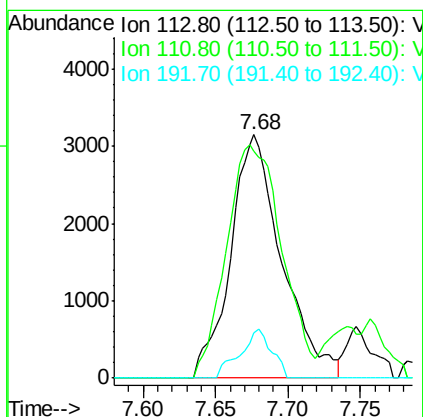
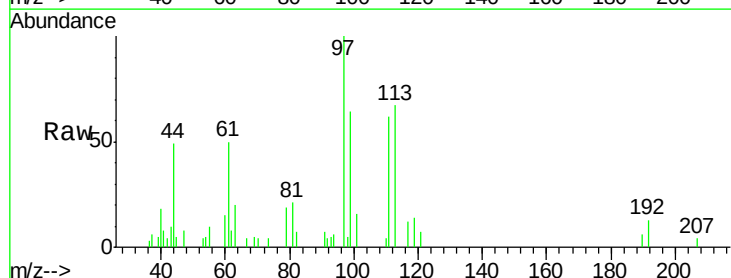
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

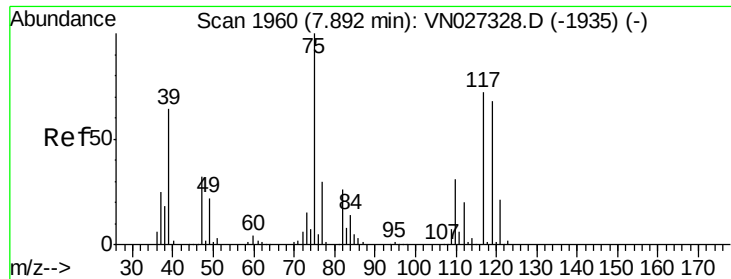
Tgt Ion:114 Resp: 1069359
 Ion Ratio Lower Upper
 114 100
 63 27.4 0.0 48.8
 88 18.4 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 1.04 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion:113 Resp: 7722
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.4
 192 12.5 14.1 21.1#

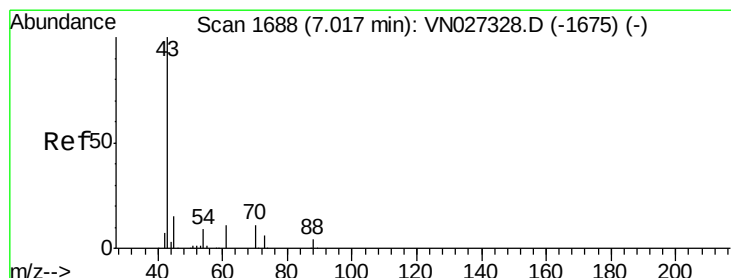
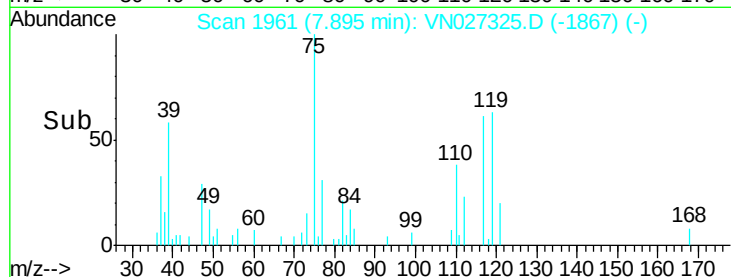
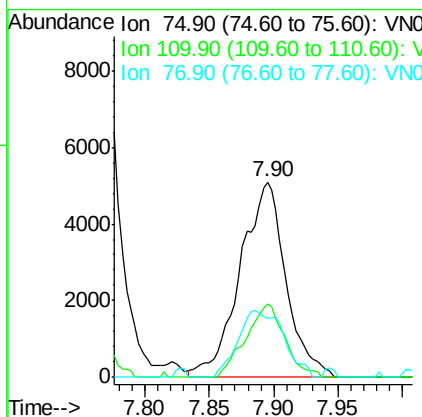
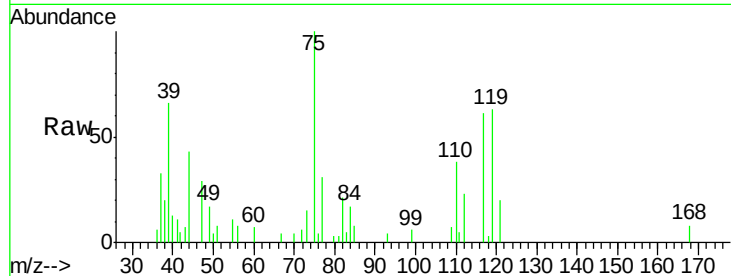




#37
 1,1-Dichloropropene
 Concen: 1.01 ug/l
 RT: 7.90 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

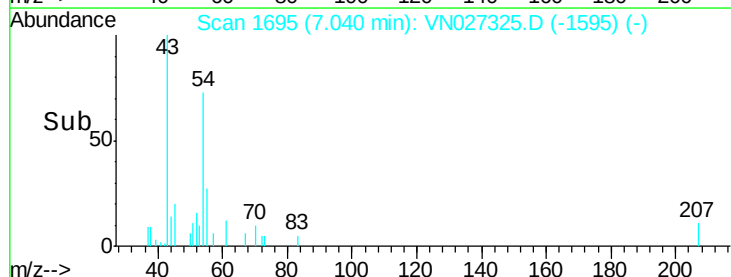
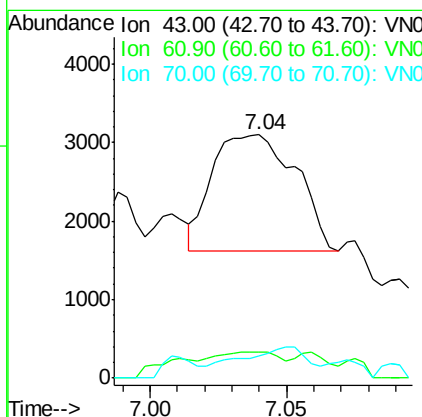
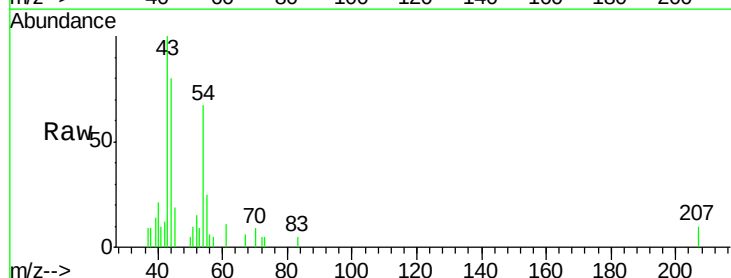
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

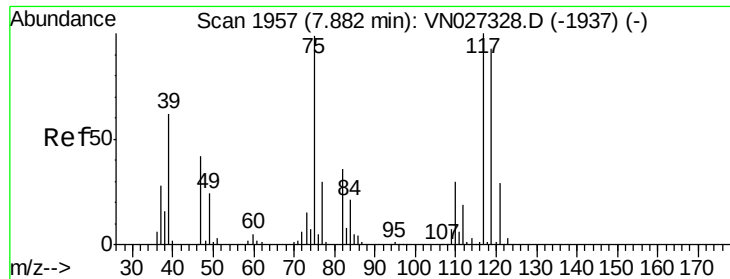
Tgt Ion: 75 Resp: 12600
 Ion Ratio Lower Upper
 75 100
 110 32.1 15.9 47.7
 77 34.4 24.9 37.3



#38
 Ethyl Acetate
 Concen: Below Cal
 RT: 7.04 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 43 Resp: 3147
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.4#
 70 21.9 7.4 11.0#





#39

Carbon Tetrachloride

Concen: 1.00 ug/l

RT: 7.87 min Scan# 1954

Delta R.T. -0.01 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

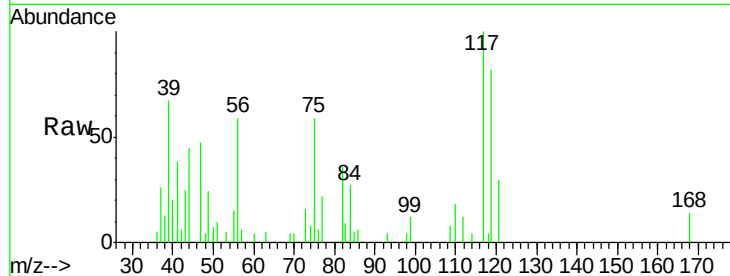
Tgt Ion: 117 Resp: 11811

Ion Ratio Lower Upper

117 100

119 82.1 75.3 112.9

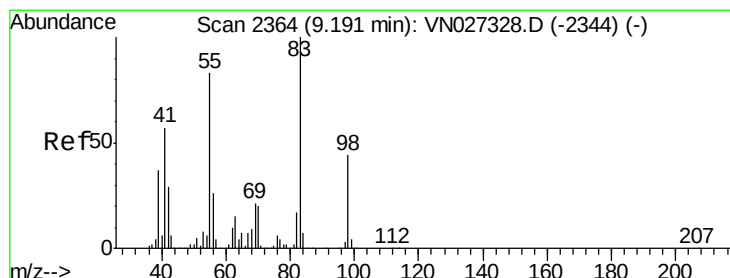
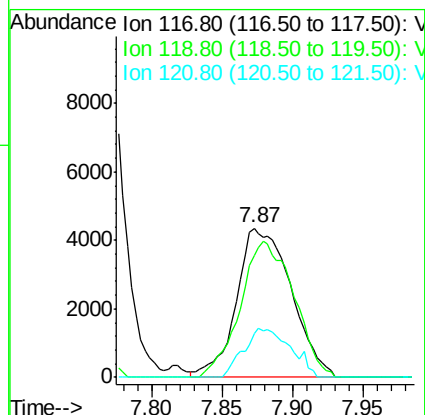
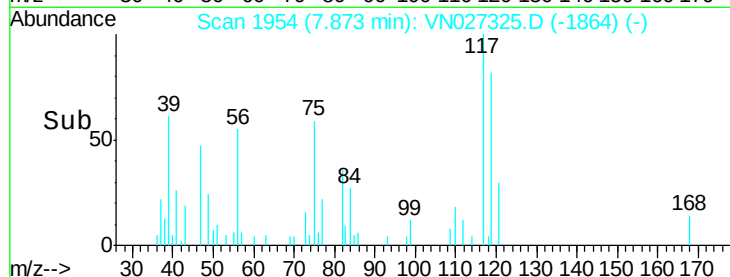
121 29.6 23.8 35.8



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: 0.92 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

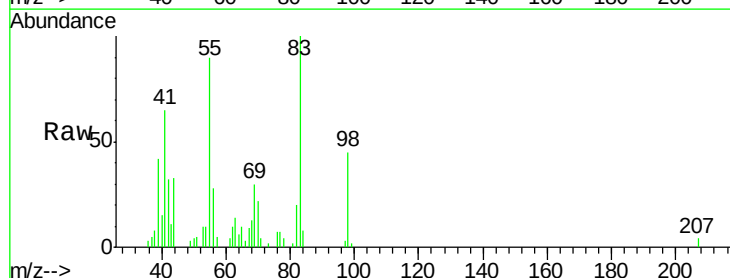
Tgt Ion: 83 Resp: 13975

Ion Ratio Lower Upper

83 100

55 86.4 69.8 104.8

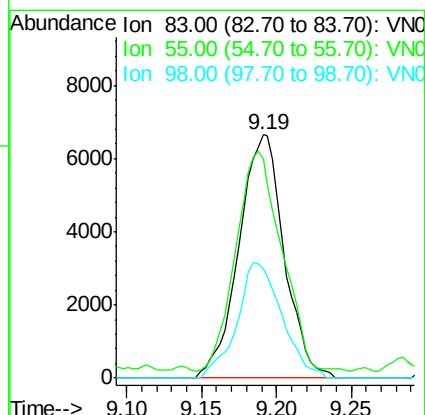
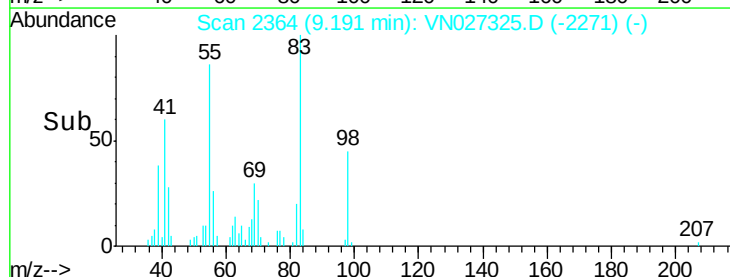
98 44.6 34.3 51.5

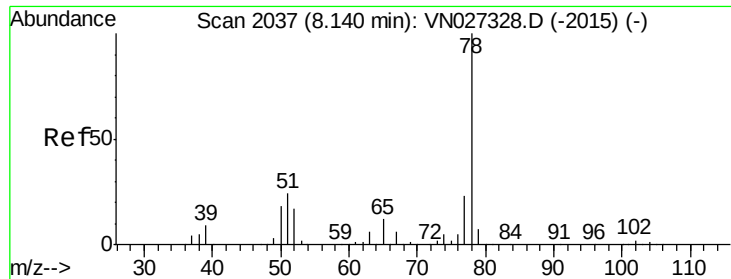


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 1.00 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

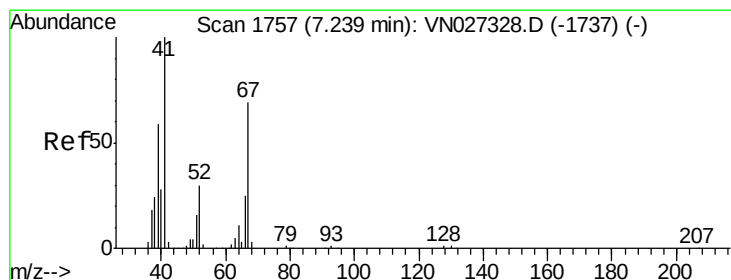
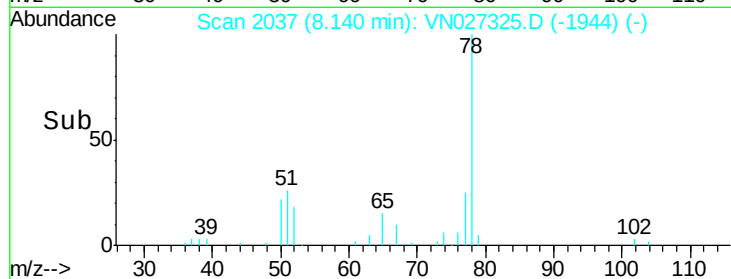
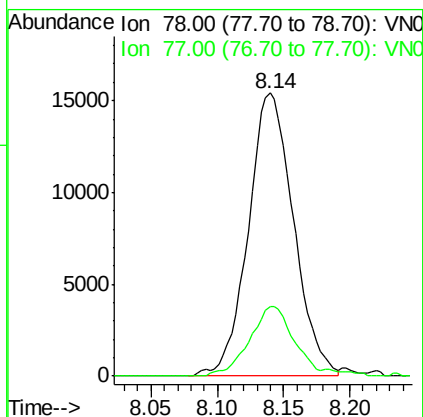
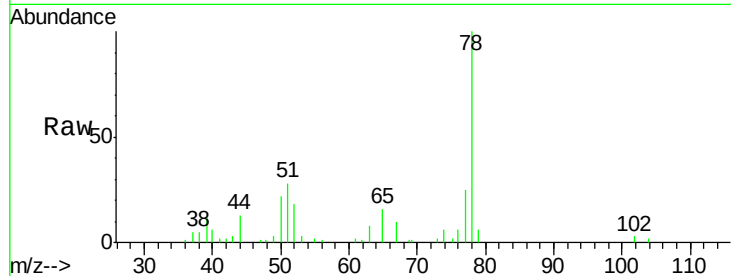
VSTDIC001

Tgt Ion: 78 Resp: 36571

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.4



#42

Methacrylonitrile

Concen: 0.46 ug/l

RT: 7.25 min Scan# 1760

Delta R.T. 0.01 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Tgt Ion: 41 Resp: 2808

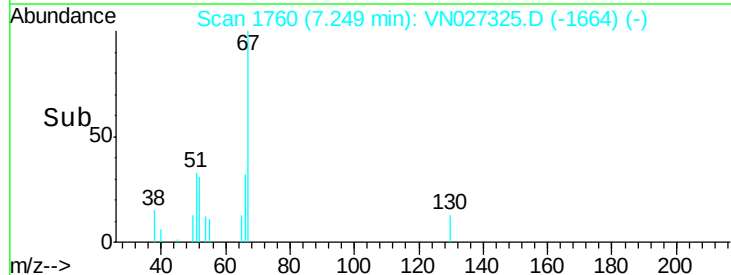
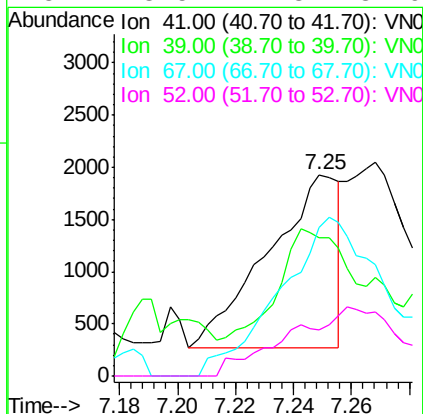
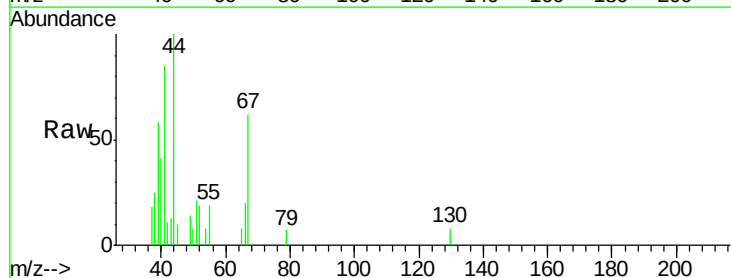
Ion Ratio Lower Upper

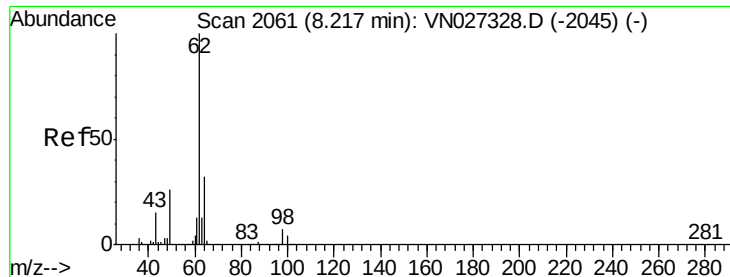
41 100

39 74.5 43.0 64.6#

67 138.0 52.2 78.2#

52 23.5 21.3 31.9

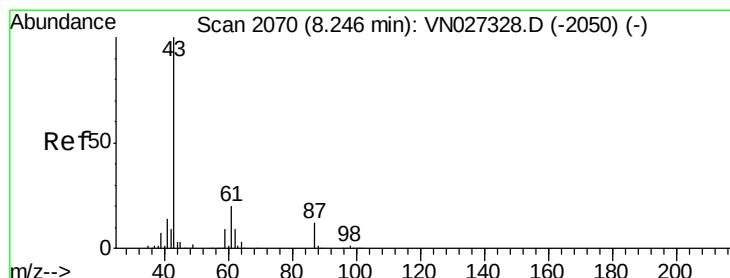
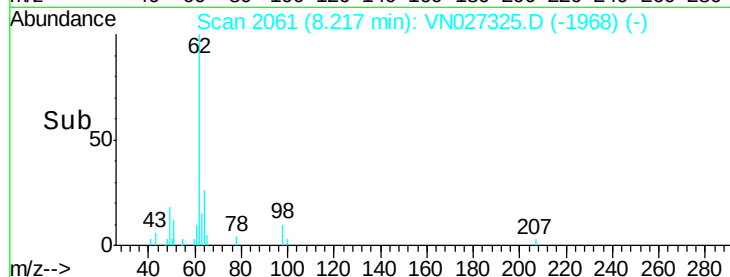
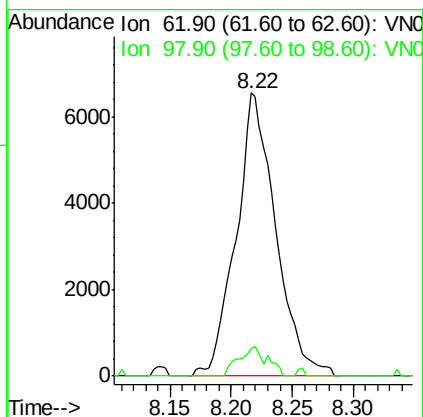
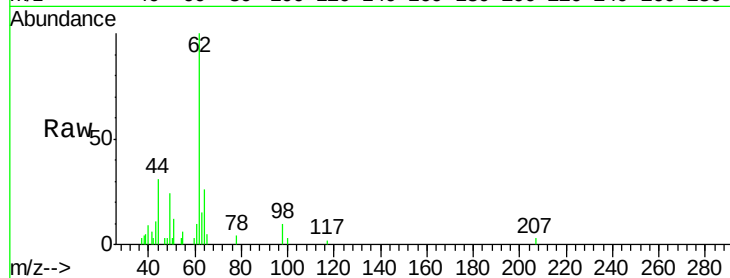




#43
 1,2-Dichloroethane
 Concen: 1.00 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

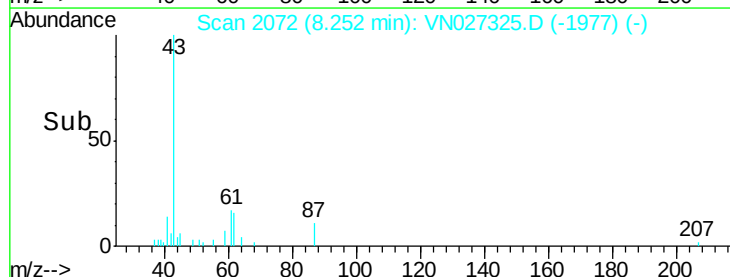
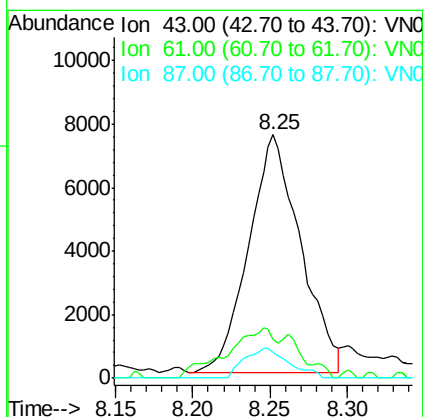
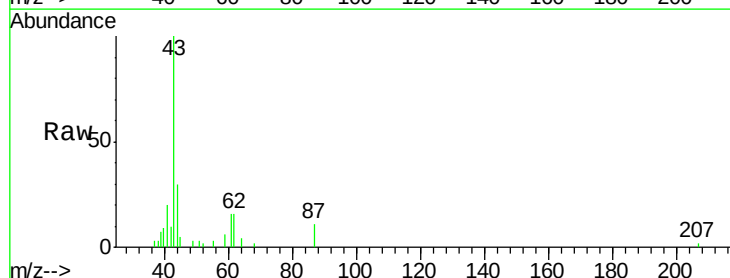
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

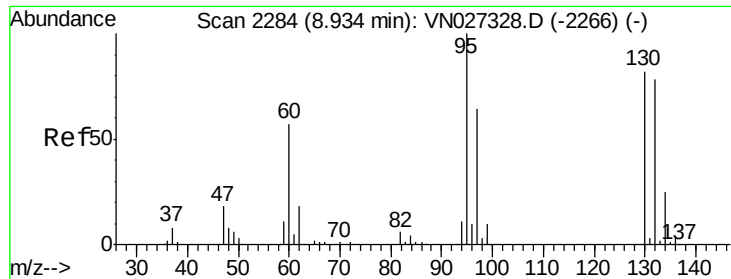
Tgt Ion: 62 Resp: 14741
 Ion Ratio Lower Upper
 62 100
 98 7.5 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 0.87 ug/l
 RT: 8.25 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 43 Resp: 17498
 Ion Ratio Lower Upper
 43 100
 61 19.8 20.6 31.0#
 87 10.7 8.6 13.0





#45

Trichloroethene

Concen: 0.99 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

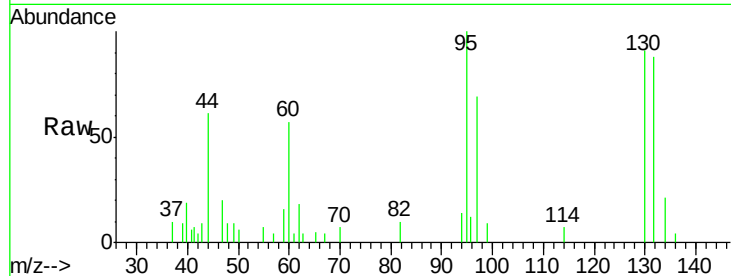
VSTDIC001

Tgt Ion:130 Resp: 7263

Ion Ratio Lower Upper

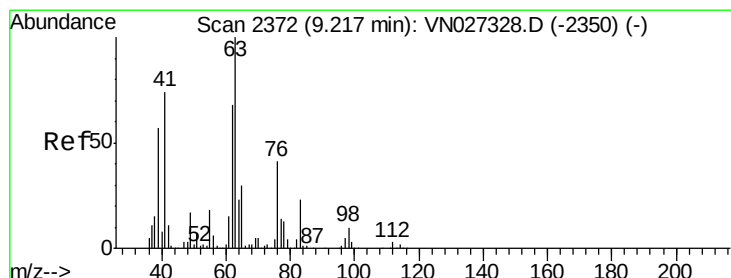
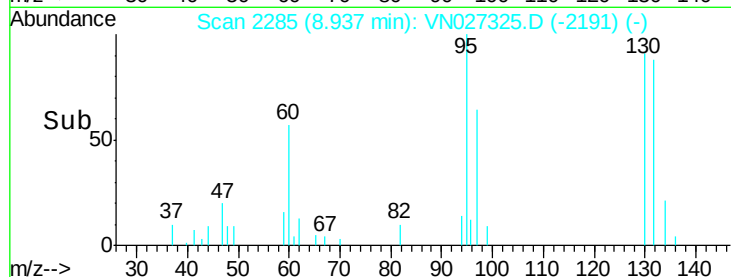
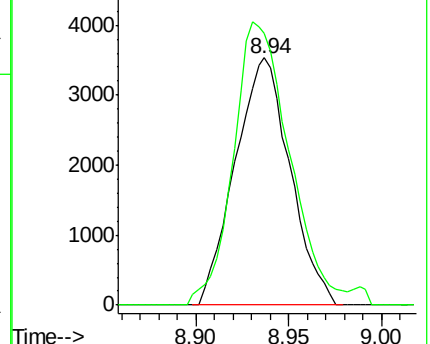
130 100

95 105.4 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: 0.96 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN027325.D

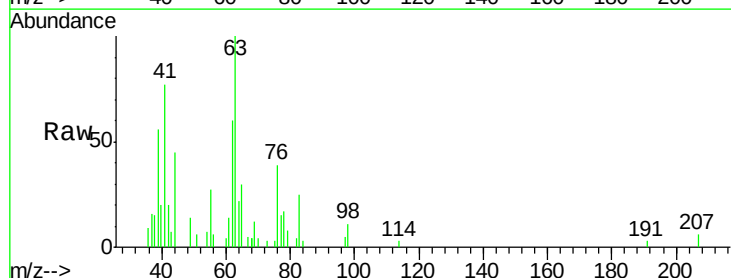
Acq: 21 Sep 2015 10:13

Tgt Ion: 63 Resp: 10123

Ion Ratio Lower Upper

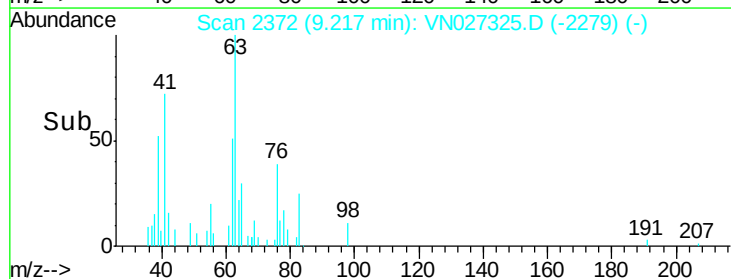
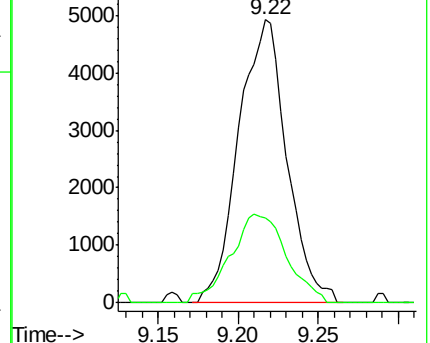
63 100

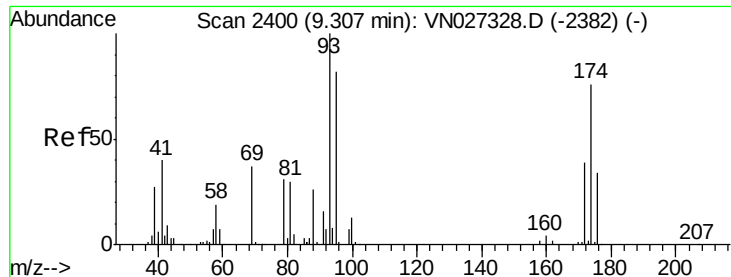
65 29.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

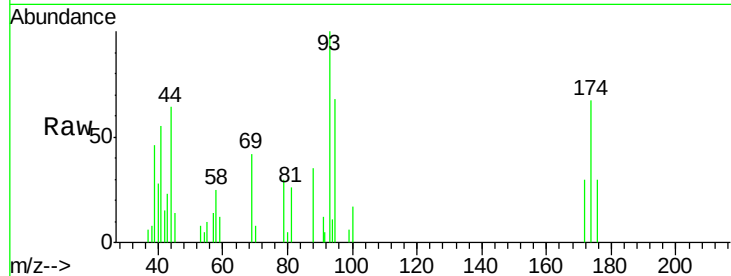




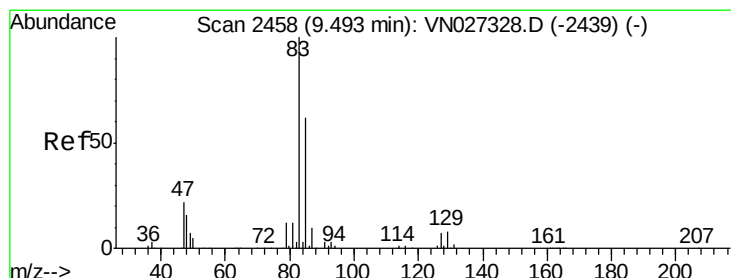
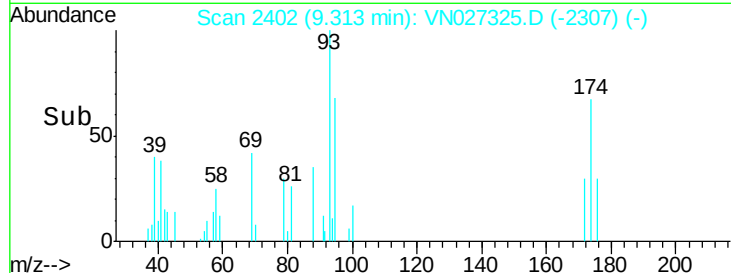
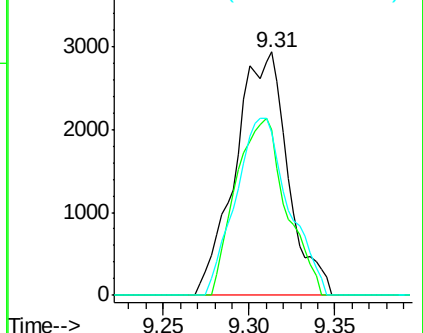
#47
 Dibromomethane
 Concen: 1.01 ug/l
 RT: 9.31 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 93 Resp: 6235
 Ion Ratio Lower Upper
 93 100
 95 69.9 66.3 99.5
 174 73.3 67.8 101.6

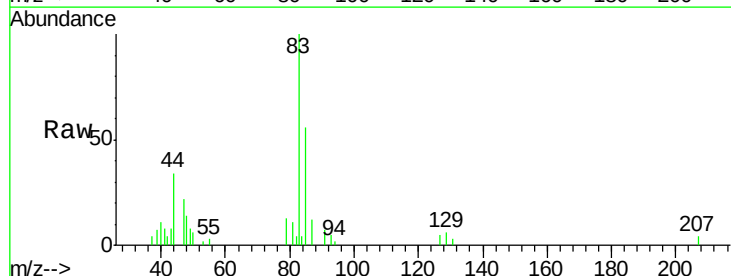


Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V

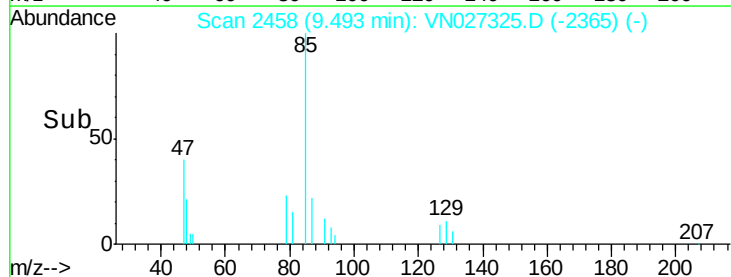
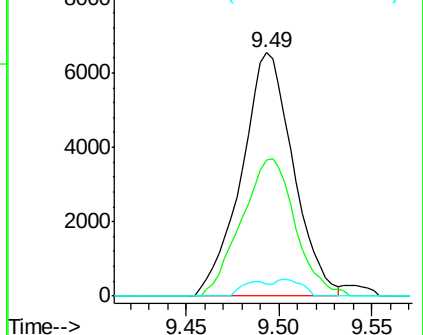


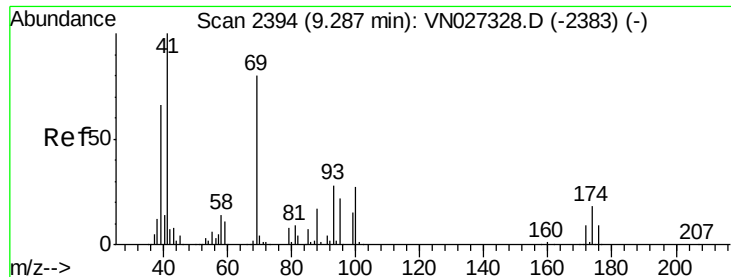
#48
 Bromodichloromethane
 Concen: 0.97 ug/l
 RT: 9.49 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 83 Resp: 12673
 Ion Ratio Lower Upper
 83 100
 85 56.0 50.7 76.1
 127 5.2 5.5 8.3#



Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

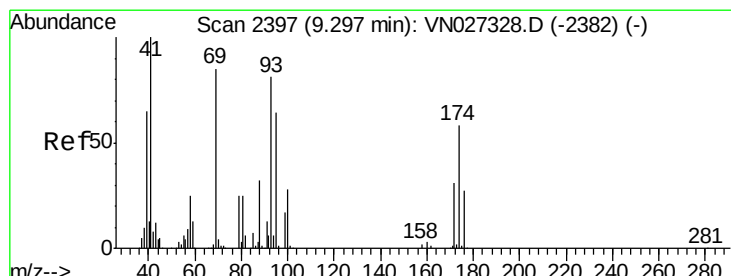
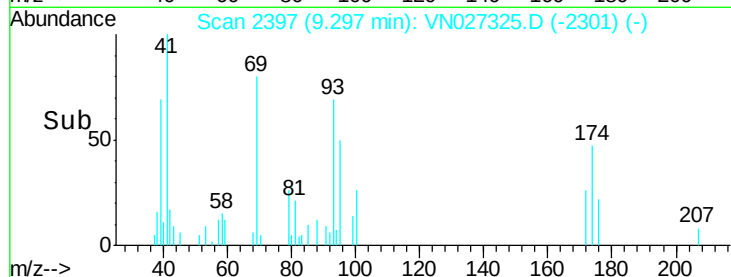
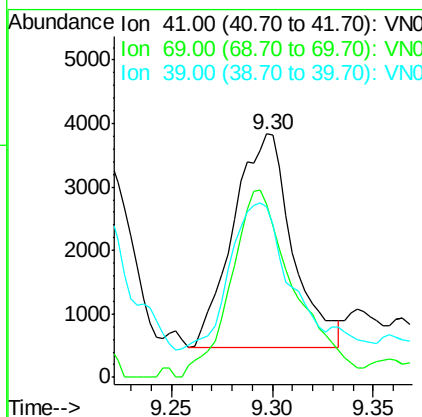
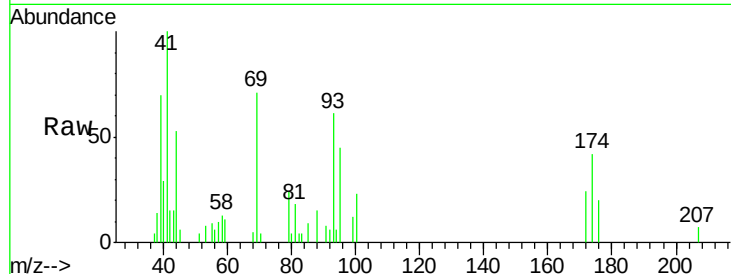




#49
Methyl methacrylate
Concen: 0.69 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.01 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

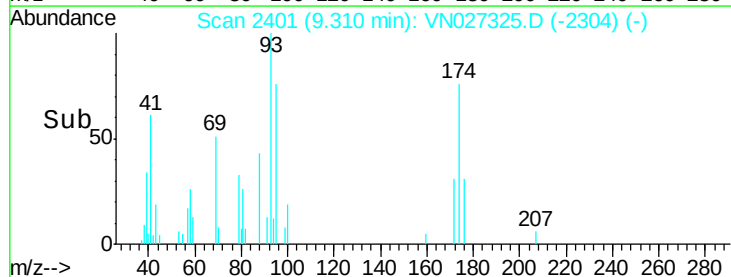
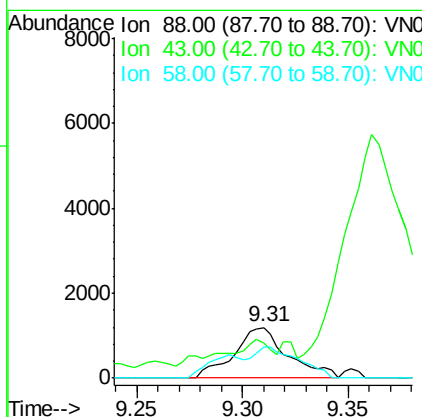
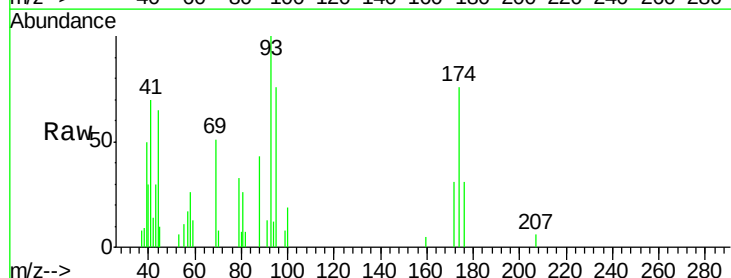
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

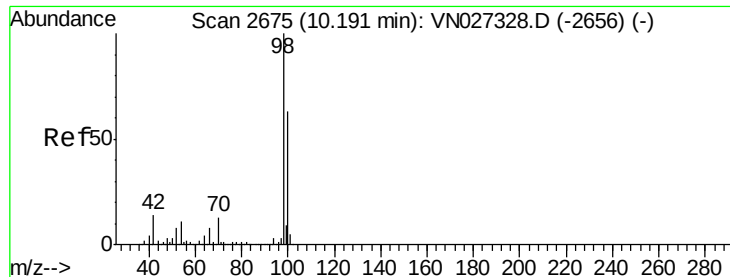
Tgt Ion: 41 Resp: 6862
Ion Ratio Lower Upper
41 100
69 94.2 59.3 88.9#
39 66.4 39.5 59.3#



#50
1,4-Dioxane
Concen: 18.04 ug/l
RT: 9.31 min Scan# 2401
Delta R.T. 0.01 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

Tgt Ion: 88 Resp: 2109
Ion Ratio Lower Upper
88 100
43 44.8 27.6 41.4#
58 52.3 63.1 94.7#





#51

Toluene-d8

Concen: 1.02 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

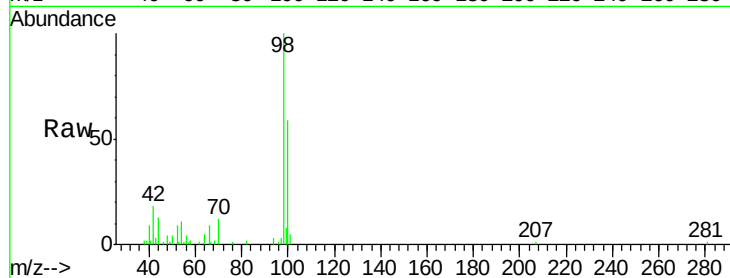
VSTDIC001

Tgt Ion: 98 Resp: 29521

Ion Ratio Lower Upper

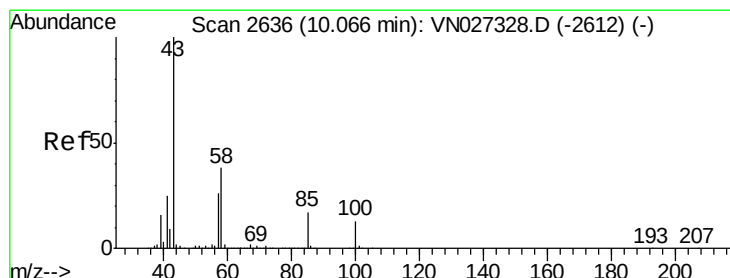
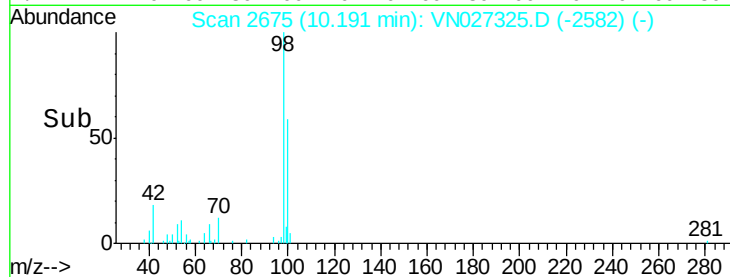
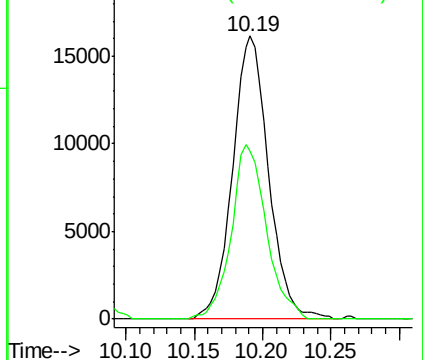
98 100

100 60.4 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: 4.27 ug/l

RT: 10.07 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VN027325.D

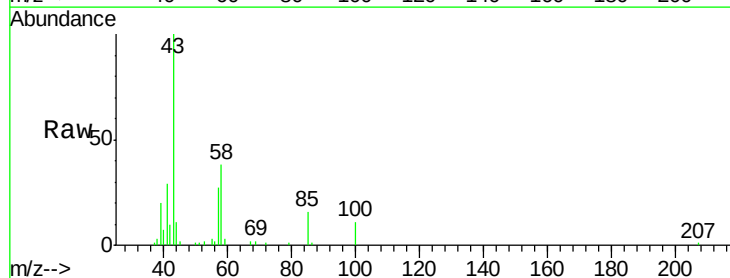
Acq: 21 Sep 2015 10:13

Tgt Ion: 43 Resp: 45157

Ion Ratio Lower Upper

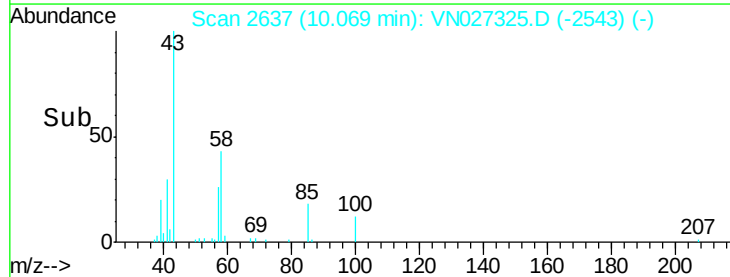
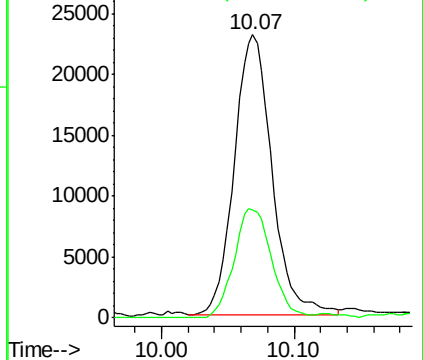
43 100

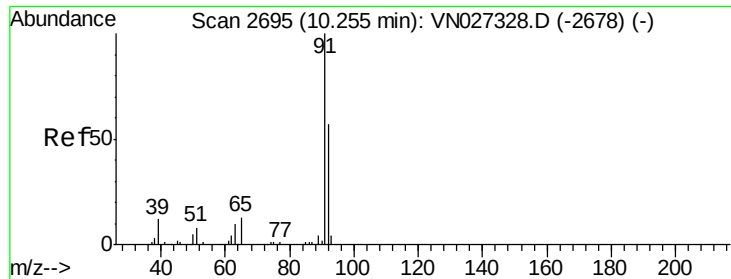
58 38.8 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 0.99 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

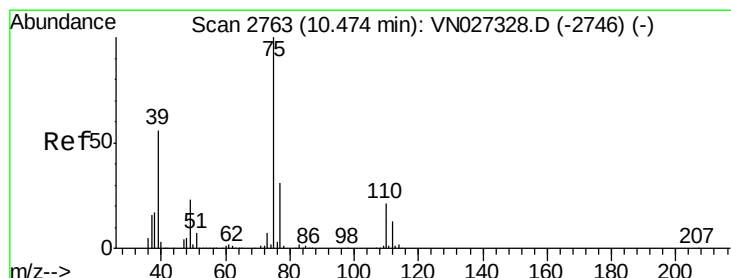
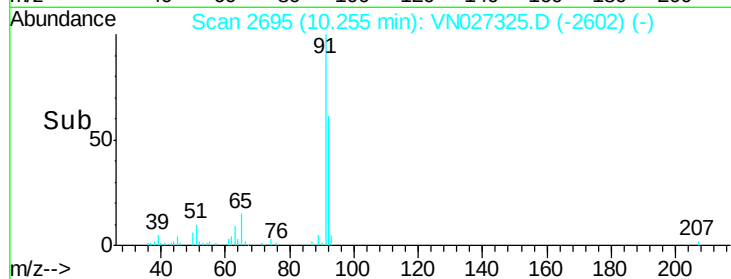
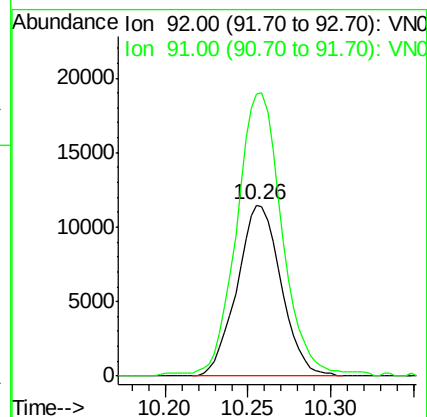
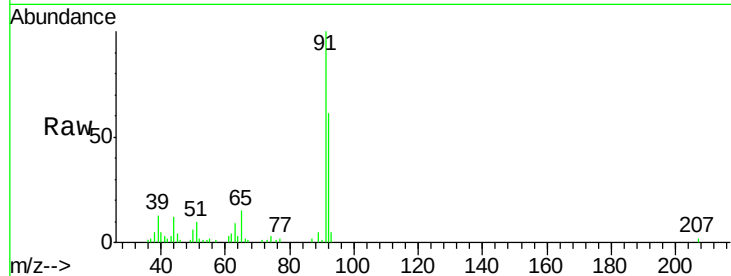
VSTDIC001

Tgt Ion: 92 Resp: 21136

Ion Ratio Lower Upper

92 100

91 166.1 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 0.86 ug/l

RT: 10.48 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VN027325.D

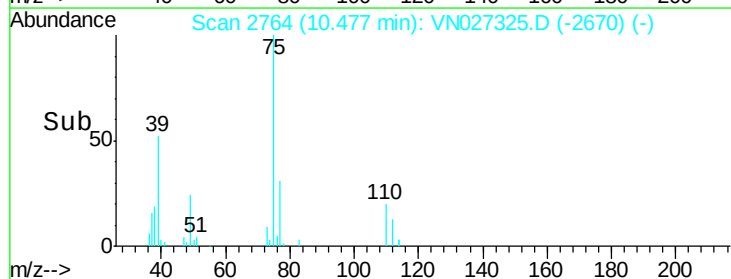
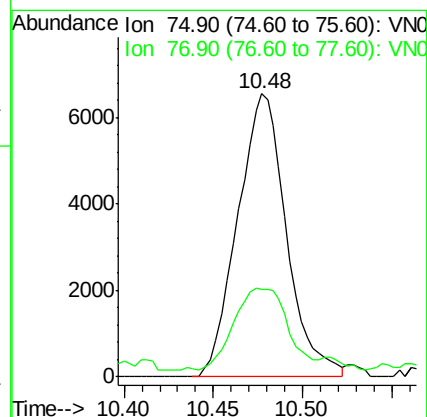
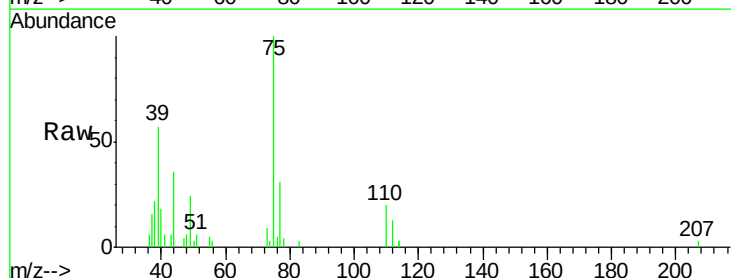
Acq: 21 Sep 2015 10:13

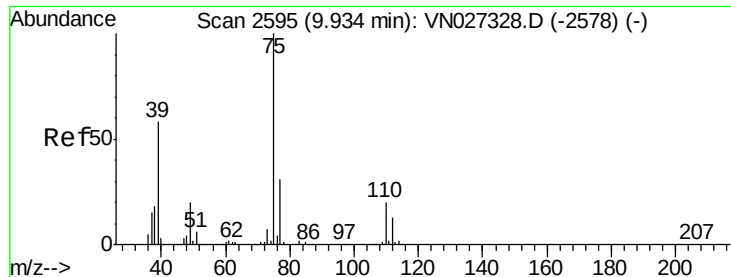
Tgt Ion: 75 Resp: 12517

Ion Ratio Lower Upper

75 100

77 27.9 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 0.88 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

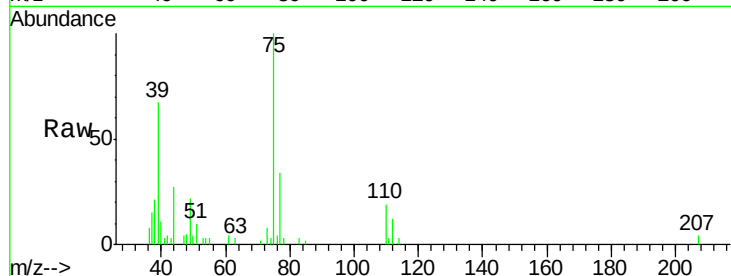
Tgt Ion: 75 Resp: 13934

Ion Ratio Lower Upper

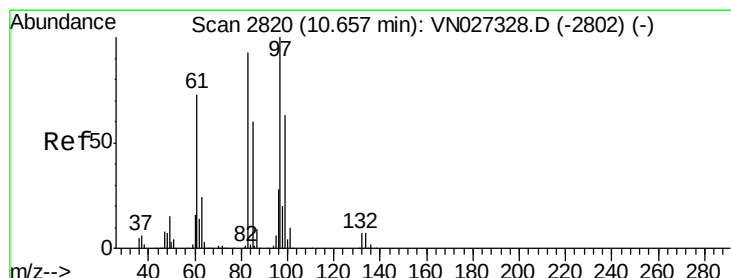
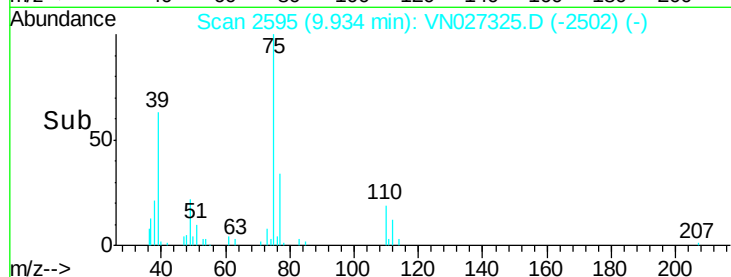
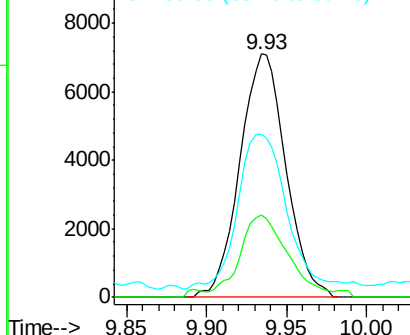
75 100

77 31.3 25.6 38.4

39 62.7 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: 0.98 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Tgt Ion: 97 Resp: 7908

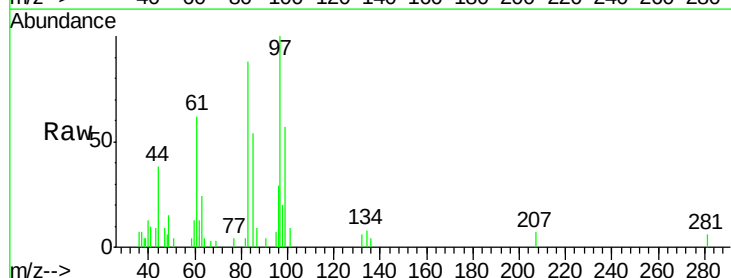
Ion Ratio Lower Upper

97 100

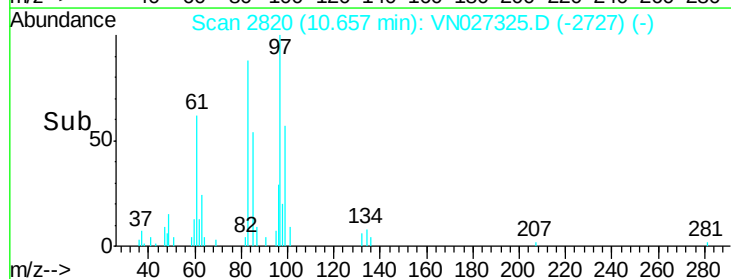
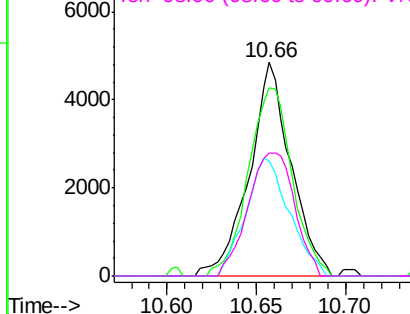
83 88.1 75.0 112.4

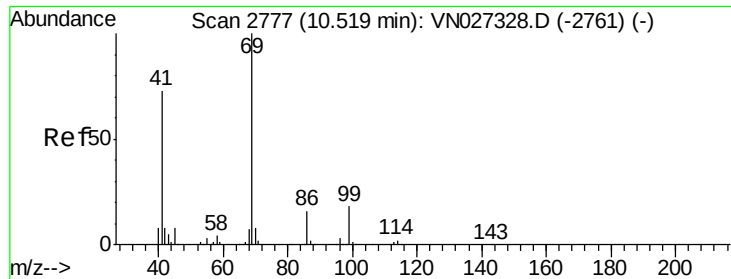
85 53.7 48.0 72.0

99 57.3 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

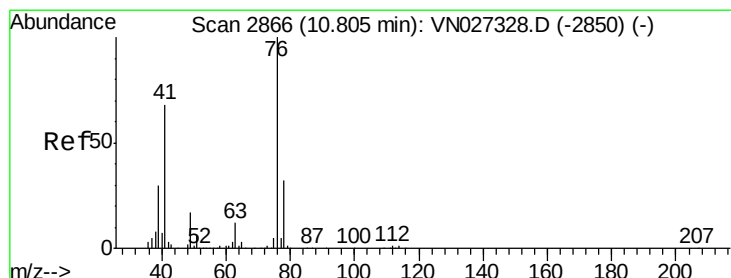
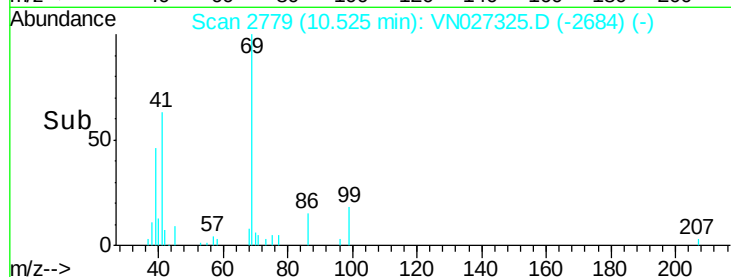
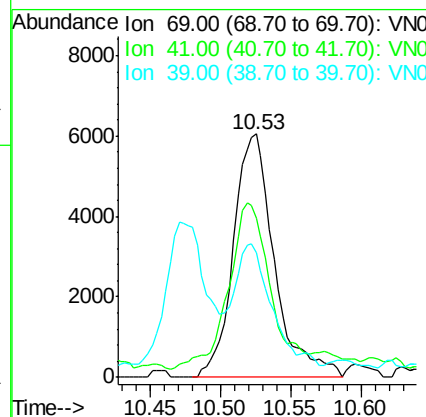
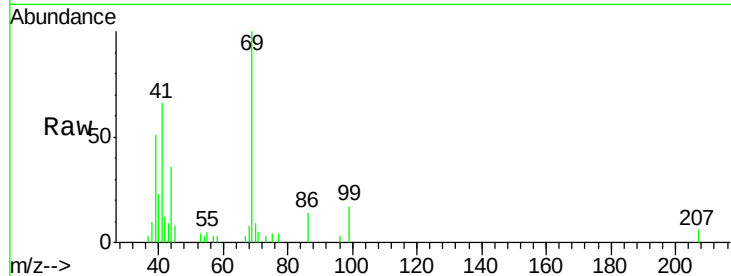




#57
Ethyl methacrylate
Concen: 0.91 ug/l
RT: 10.53 min Scan# 2779
Delta R.T. 0.01 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

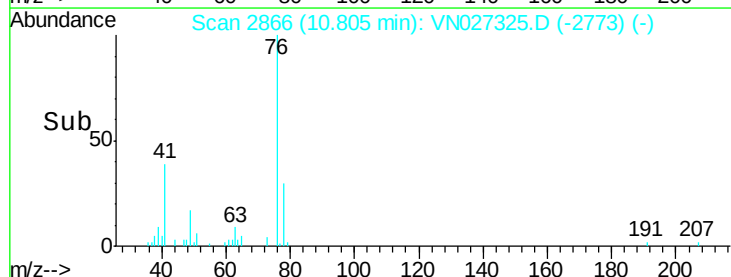
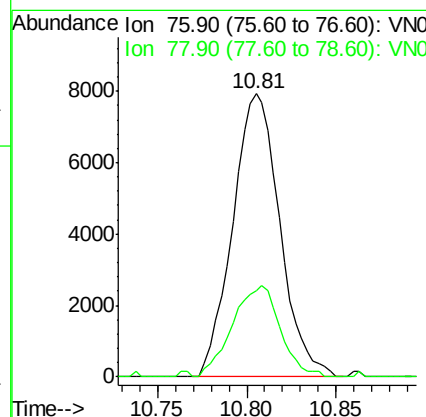
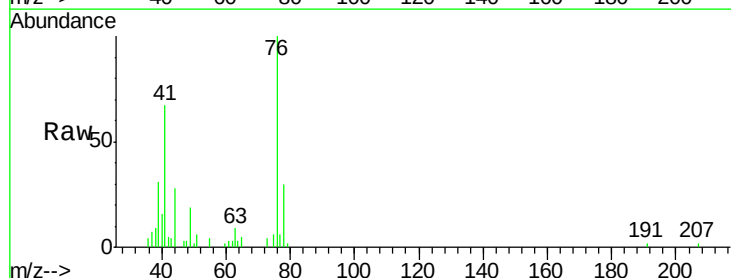
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

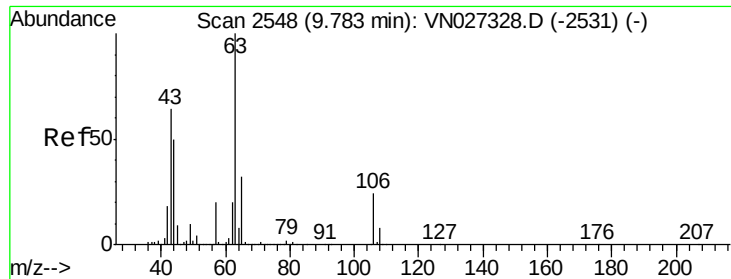
Tgt Ion: 69 Resp: 12281
Ion Ratio Lower Upper
69 100
41 69.8 61.3 91.9
39 47.4 28.4 42.6#



#58
1,3-Dichloropropane
Concen: 0.97 ug/l
RT: 10.81 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

Tgt Ion: 76 Resp: 14548
Ion Ratio Lower Upper
76 100
78 32.7 25.0 37.6

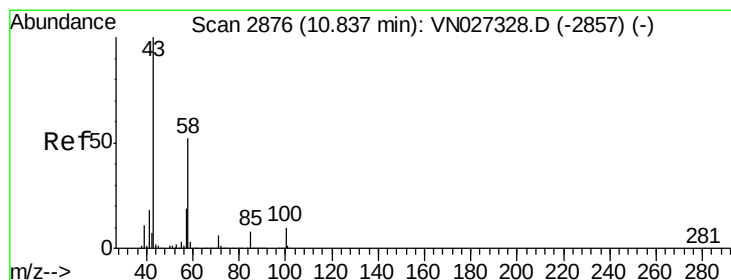
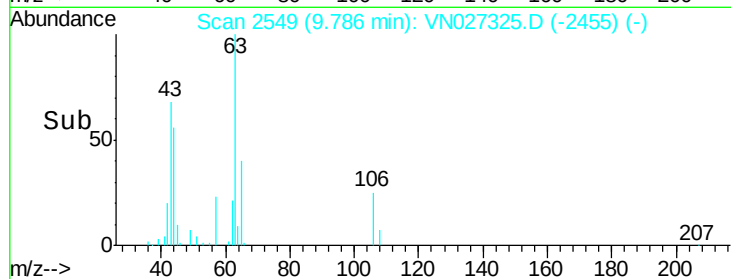
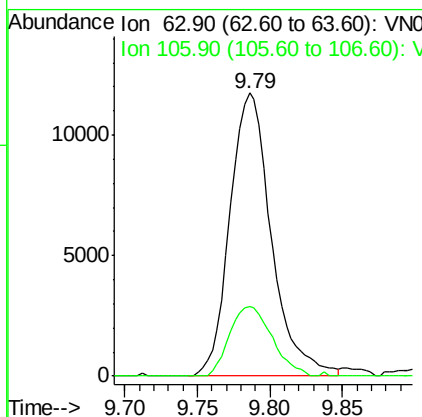
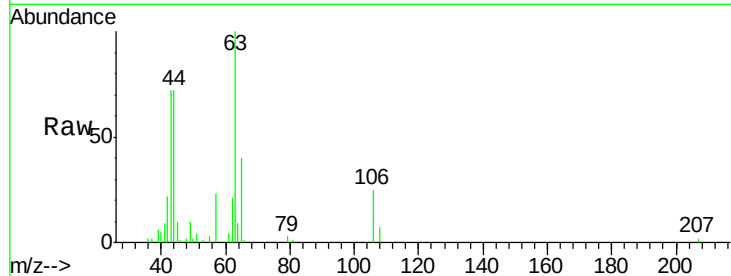




#59
 2-Chloroethyl Vinyl ether
 Concen: 3.76 ug/l
 RT: 9.79 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

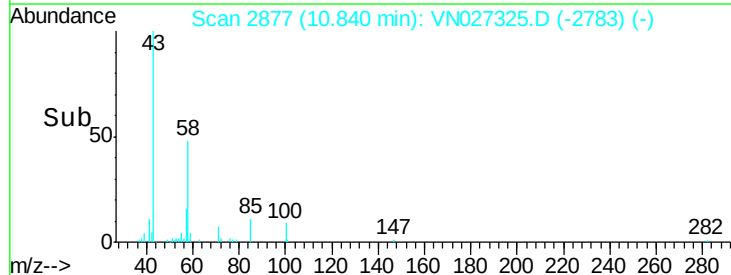
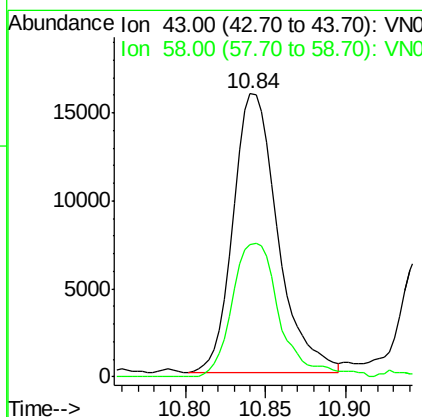
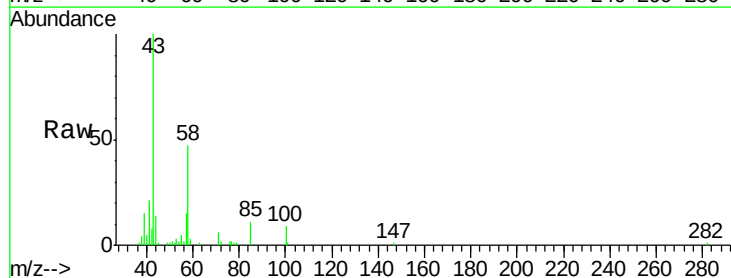
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

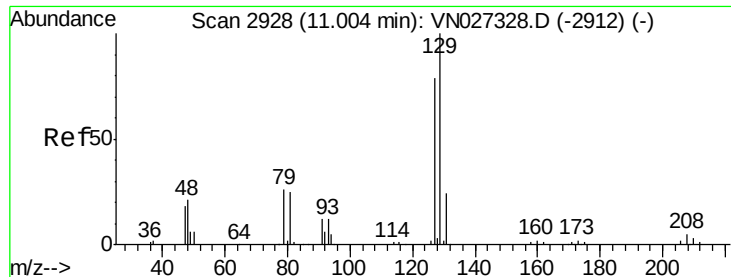
Tgt Ion: 63 Resp: 23374
 Ion Ratio Lower Upper
 63 100
 106 25.1 17.7 26.5



#60
 2-Hexanone
 Concen: 4.19 ug/l
 RT: 10.84 min Scan# 2877
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 43 Resp: 30194
 Ion Ratio Lower Upper
 43 100
 58 51.3 26.2 78.5

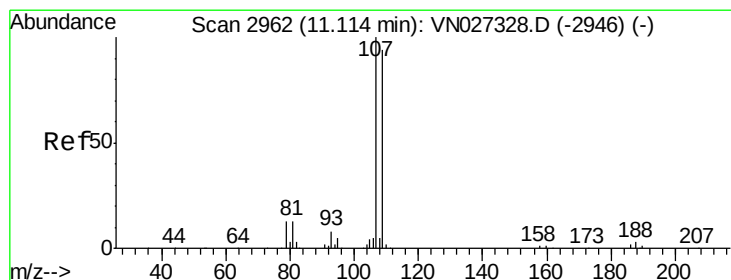
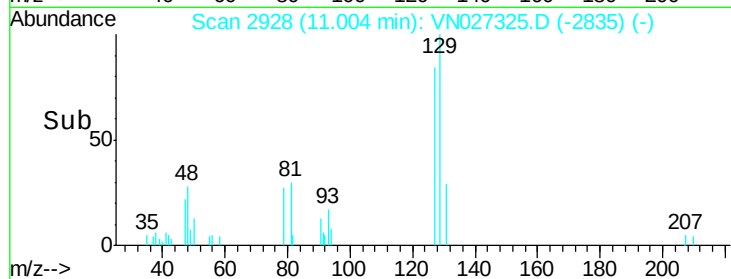
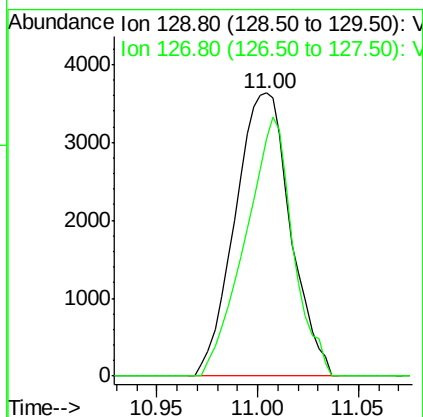
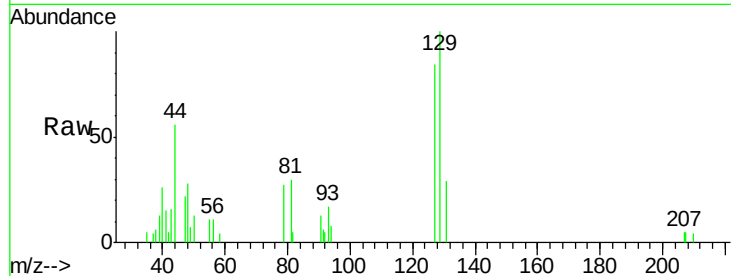




#61
 Dibromochloromethane
 Concen: 0.85 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

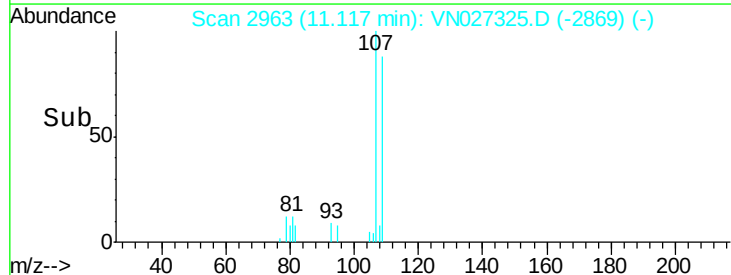
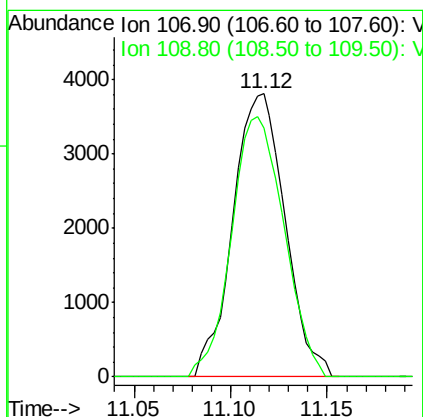
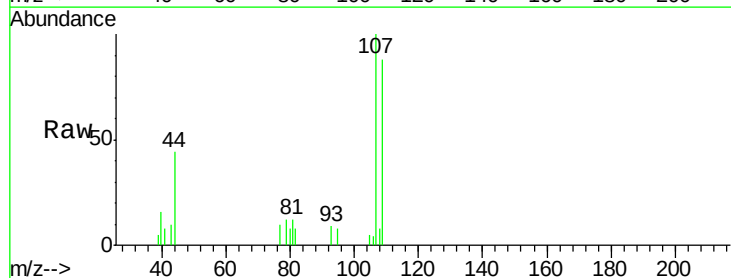
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

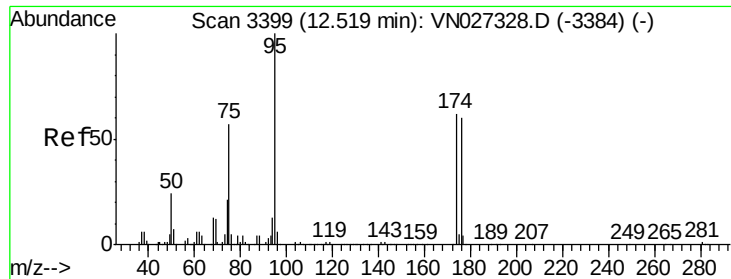
Tgt Ion:129 Resp: 6977
 Ion Ratio Lower Upper
 129 100
 127 78.9 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 0.90 ug/l
 RT: 11.12 min Scan# 2963
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion:107 Resp: 7147
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.6 113.4

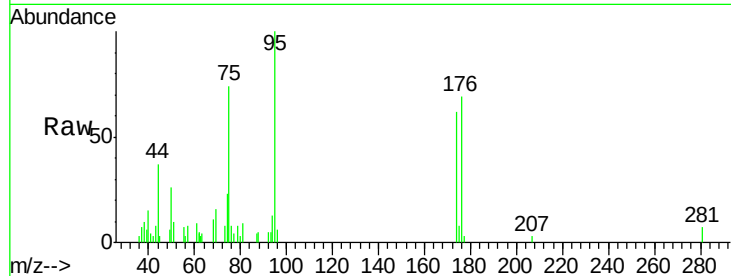




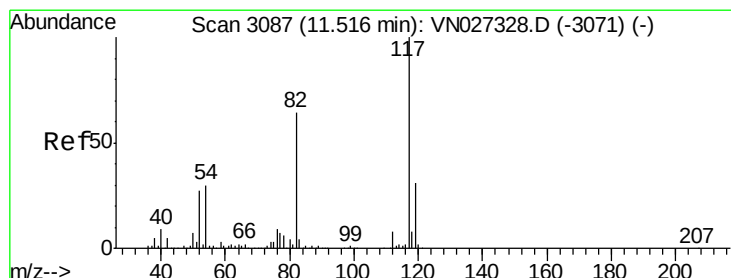
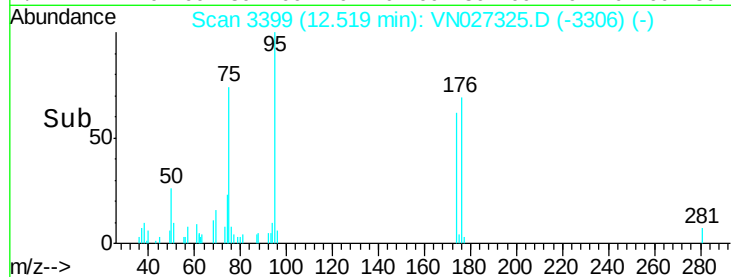
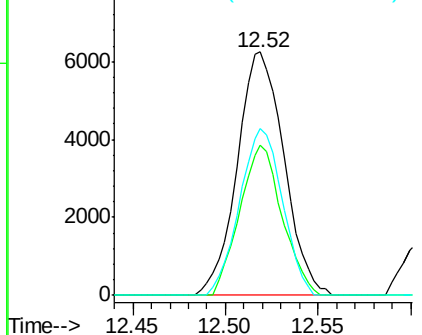
#63
4-Bromofluorobenzene
Concen: 1.06 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. -0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 95 Resp: 10935
Ion Ratio Lower Upper
95 100
174 55.8 0.0 137.0
176 62.6 0.0 130.8

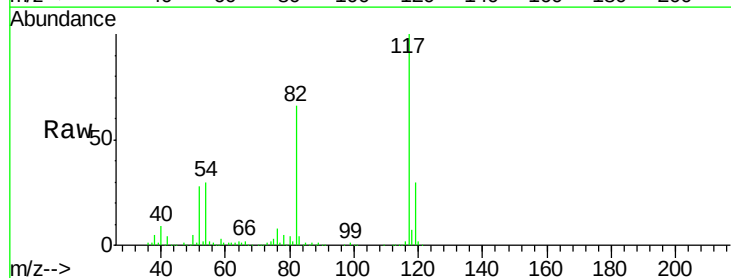


Abundance Ion 94.90 (94.60 to 95.60): VN027328.D (-3384) (-)
Ion 173.80 (173.50 to 174.50): VN027328.D (-3384) (-)
Ion 175.80 (175.50 to 176.50): VN027328.D (-3384) (-)

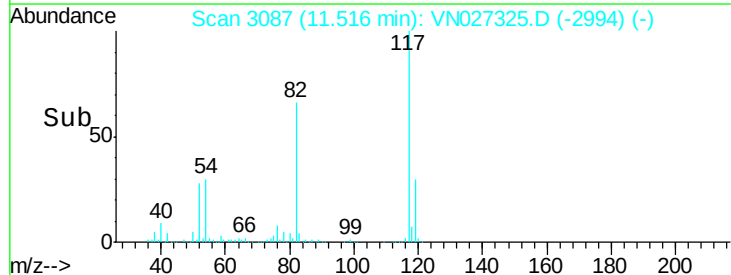
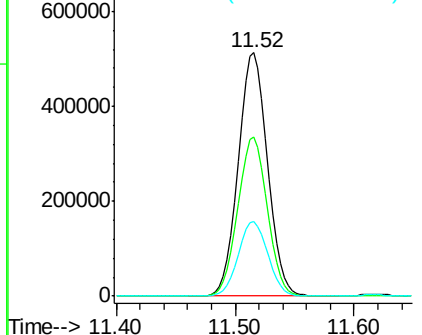


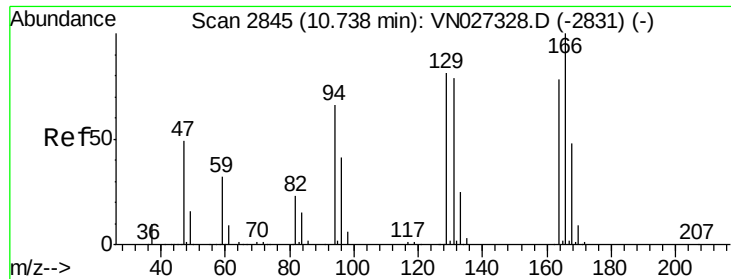
#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

Tgt Ion: 117 Resp: 873983
Ion Ratio Lower Upper
117 100
82 65.5 49.6 74.4
119 30.4 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN027328.D (-3071) (-)
Ion 82.00 (81.70 to 82.70): VN027328.D (-3071) (-)
Ion 118.90 (118.60 to 119.60): VN027328.D (-3071) (-)

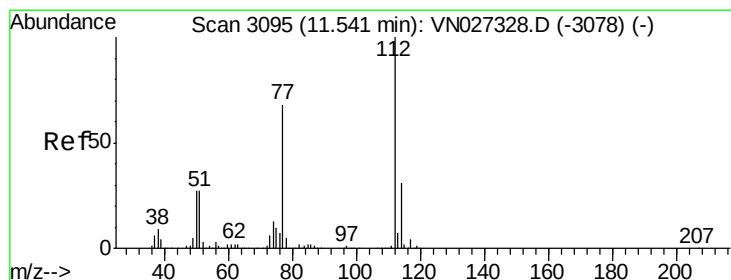
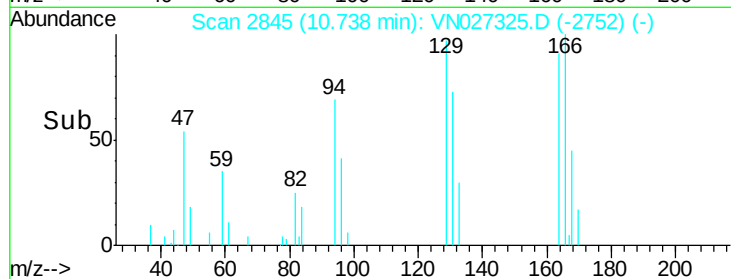
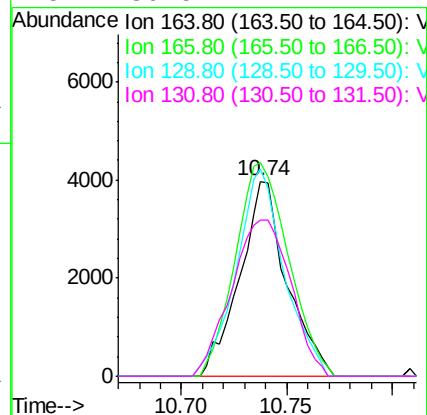
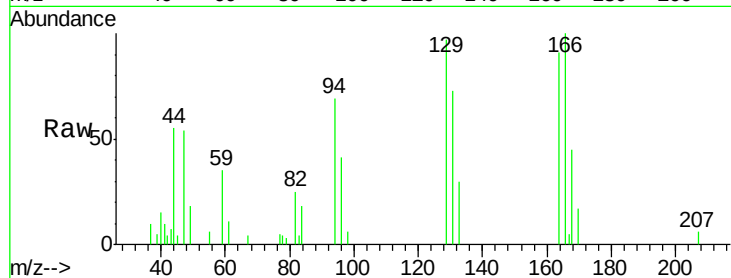




#65
Tetrachloroethene
Concen: 1.11 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

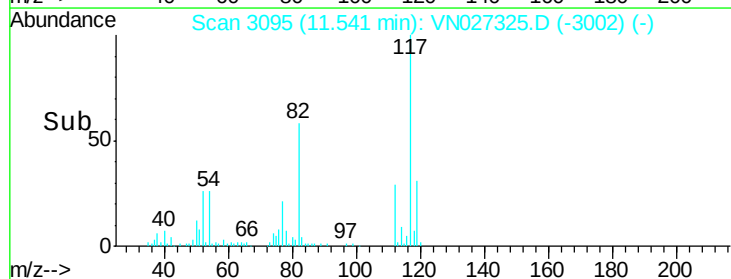
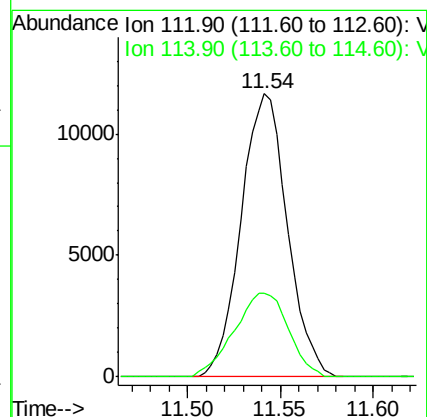
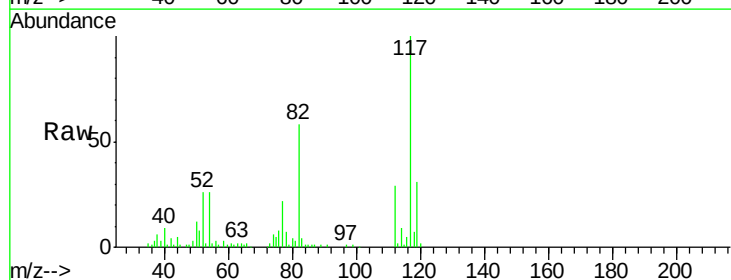
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

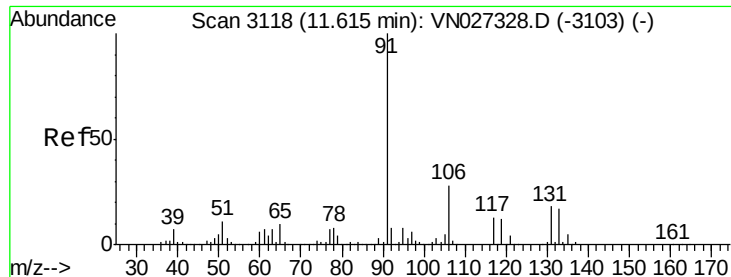
Tgt Ion:164 Resp: 6180
Ion Ratio Lower Upper
164 100
166 109.6 103.4 155.0
129 106.4 77.5 116.3
131 80.5 74.2 111.4



#66
Chlorobenzene
Concen: 0.98 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. -0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

Tgt Ion:112 Resp: 20149
Ion Ratio Lower Upper
112 100
114 29.6 24.9 37.3

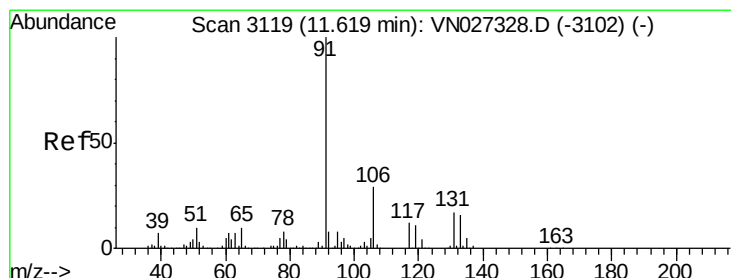
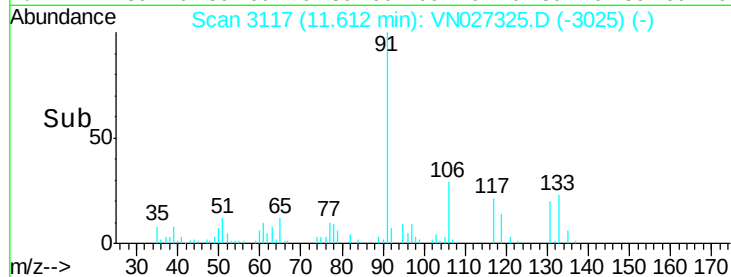
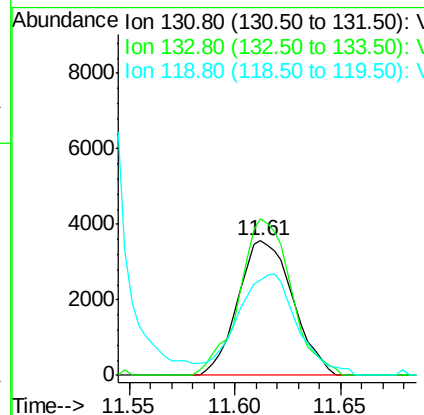
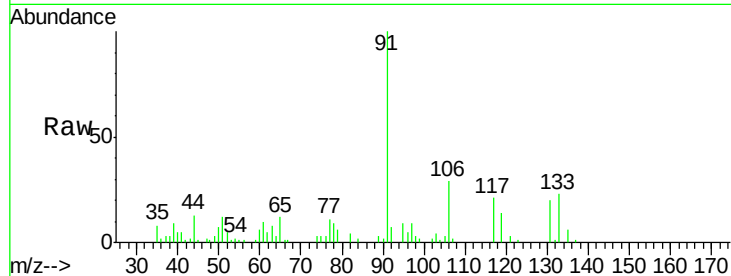




#67
 1,1,1,2-Tetrachloroethane
 Concen: 0.92 ug/l
 RT: 11.61 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

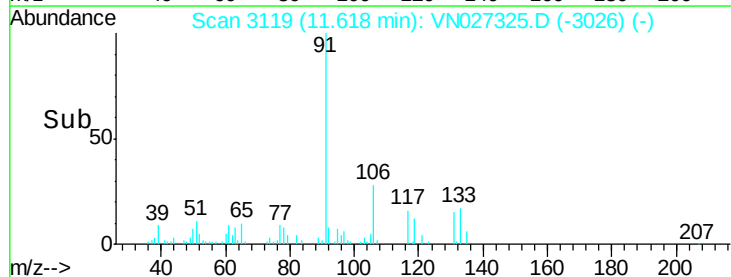
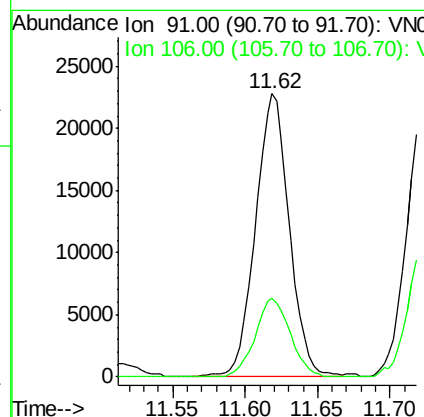
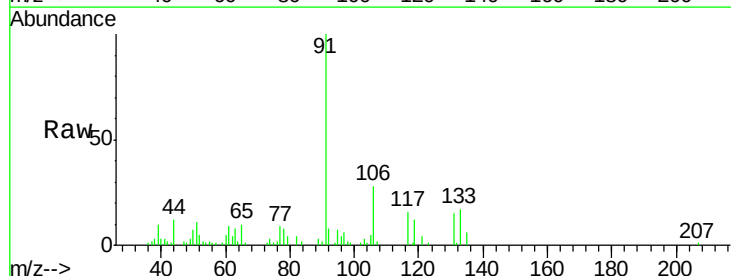
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

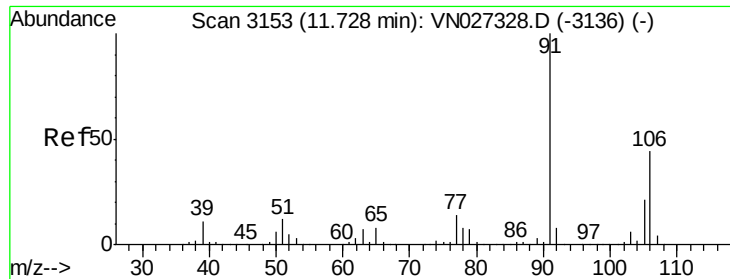
Tgt Ion: 131 Resp: 6444
 Ion Ratio Lower Upper
 131 100
 133 109.9 47.0 141.2
 119 0.0 35.1 105.5#



#68
 Ethyl Benzene
 Concen: 0.95 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 91 Resp: 37029
 Ion Ratio Lower Upper
 91 100
 106 27.6 23.1 34.7





#69

m/p-Xylenes

Concen: 1.91 ug/l

RT: 11.73 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

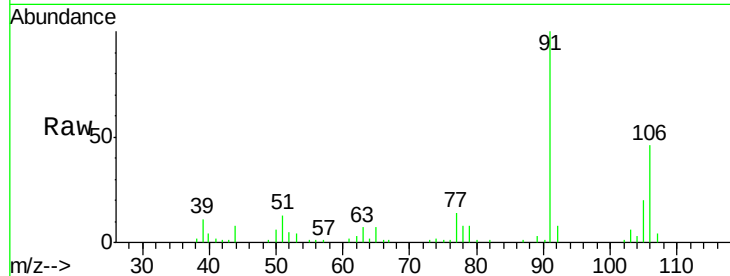
VSTDIC001

Tgt Ion:106 Resp: 25792

Ion Ratio Lower Upper

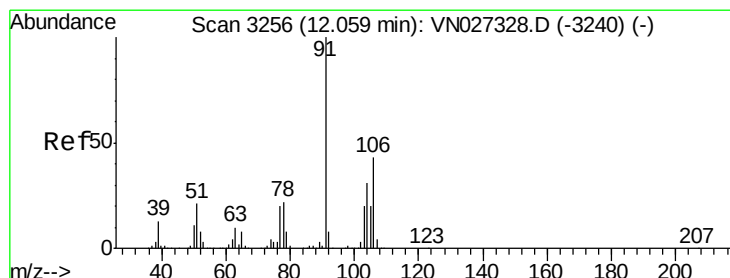
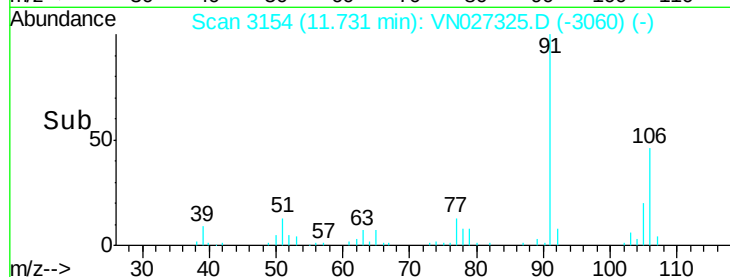
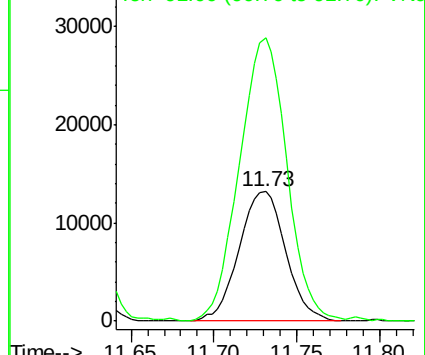
106 100

91 222.2 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 1.00 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN027325.D

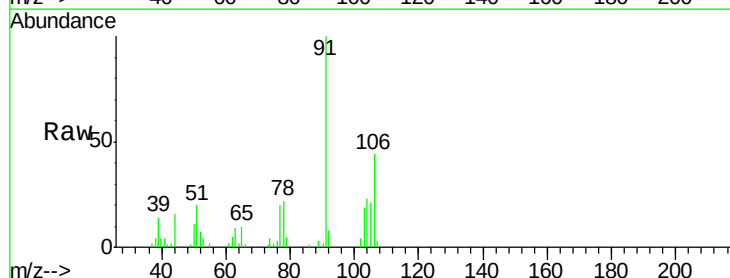
Acq: 21 Sep 2015 10:13

Tgt Ion:106 Resp: 13528

Ion Ratio Lower Upper

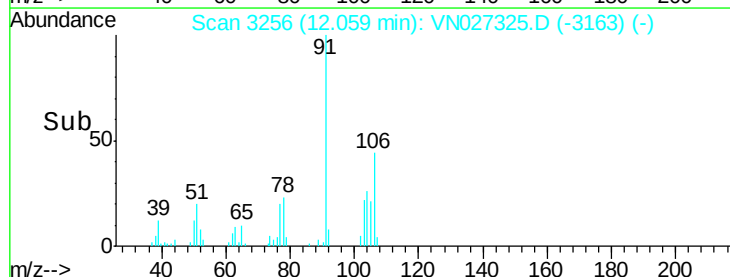
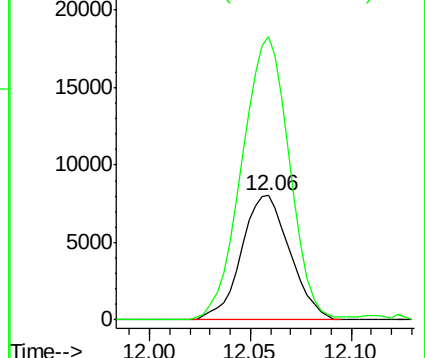
106 100

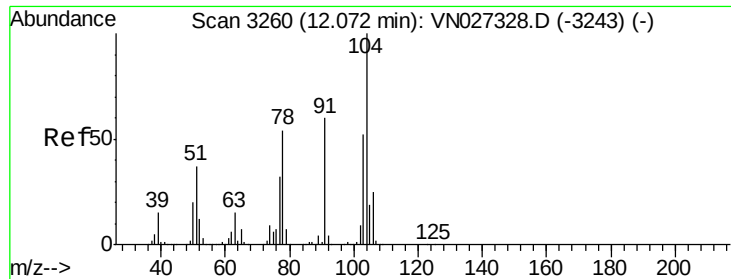
91 223.0 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

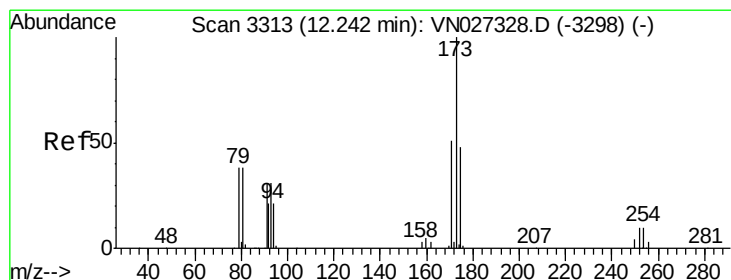
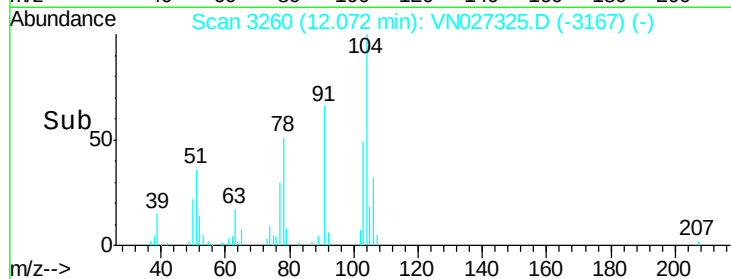
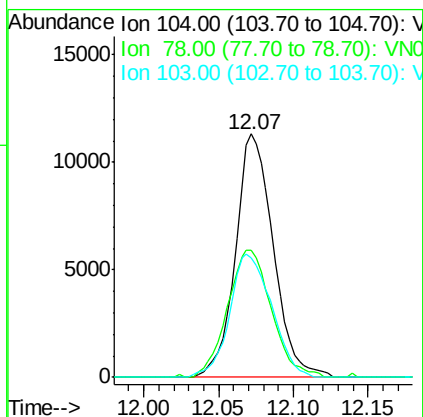
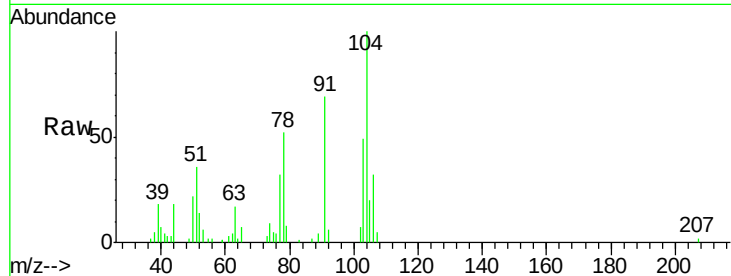




#71
Styrene
Concen: 0.91 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

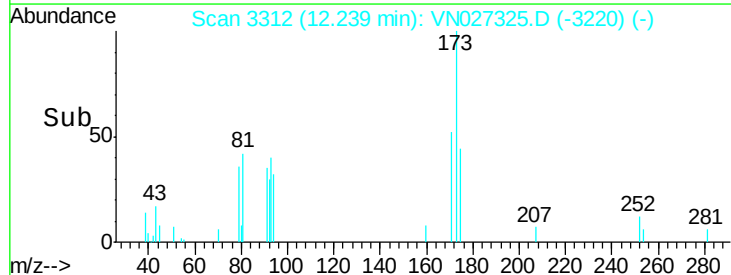
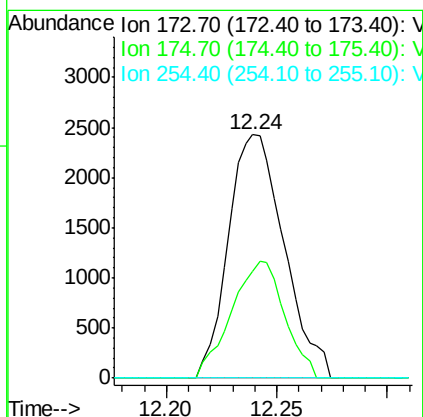
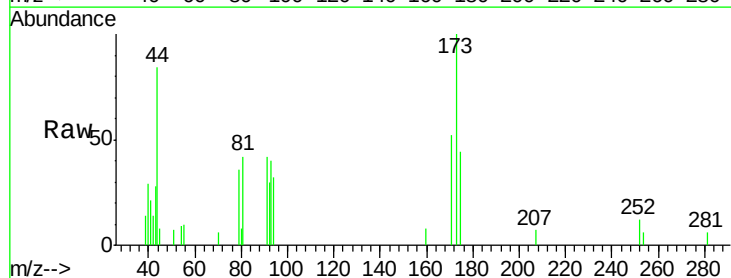
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

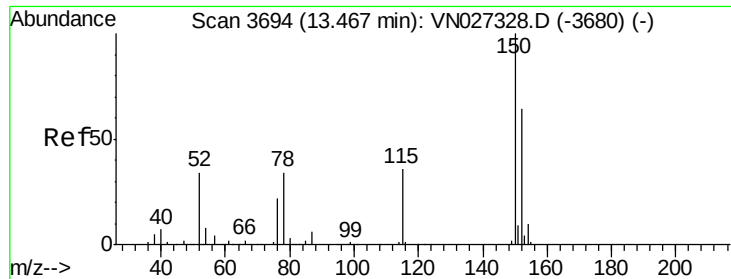
Tgt Ion:104 Resp: 19916
Ion Ratio Lower Upper
104 100
78 60.7 41.6 62.4
103 56.3 44.2 66.2



#72
Bromoform
Concen: 0.87 ug/l
RT: 12.24 min Scan# 3312
Delta R.T. -0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

Tgt Ion:173 Resp: 4267
Ion Ratio Lower Upper
173 100
175 45.5 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: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

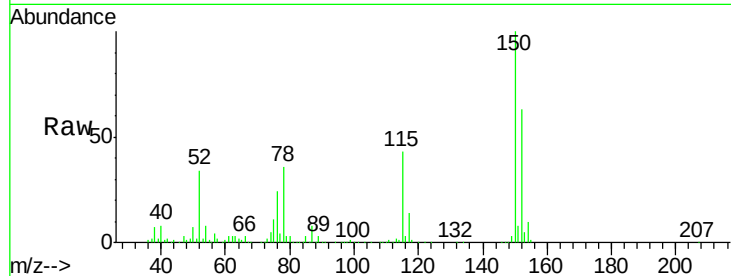
Tgt Ion:152 Resp: 296159

Ion Ratio Lower Upper

152 100

115 67.8 30.8 92.3

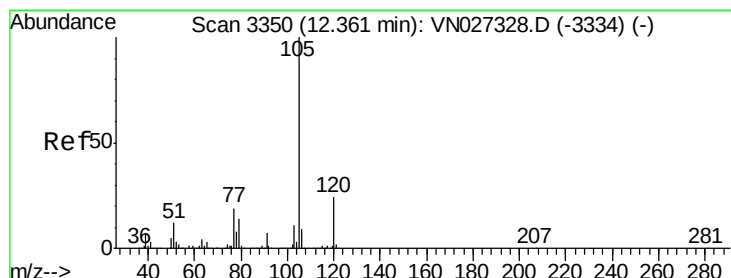
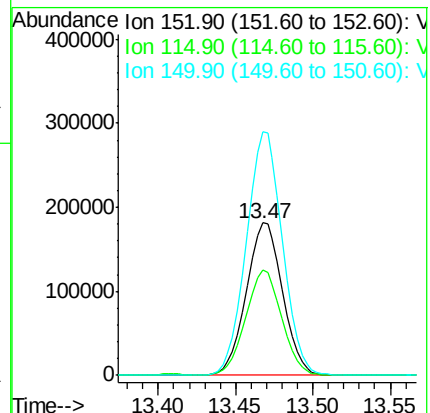
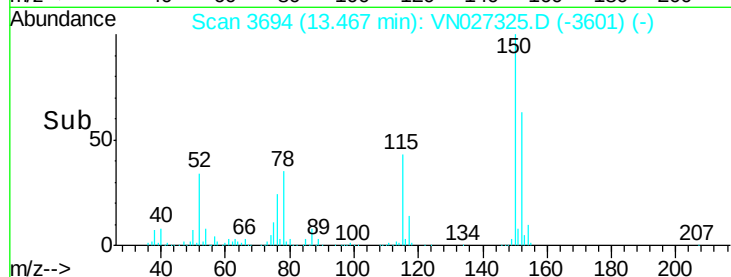
150 158.5 0.0 345.0



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: 0.97 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN027325.D

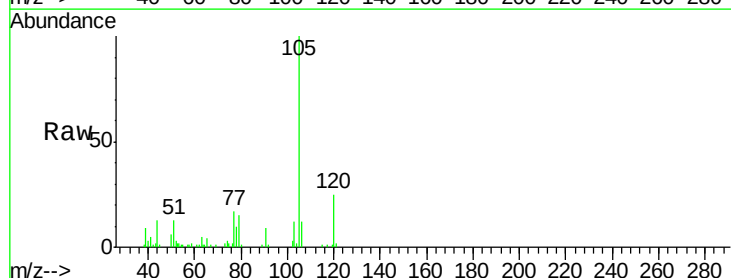
Acq: 21 Sep 2015 10:13

Tgt Ion:105 Resp: 31787

Ion Ratio Lower Upper

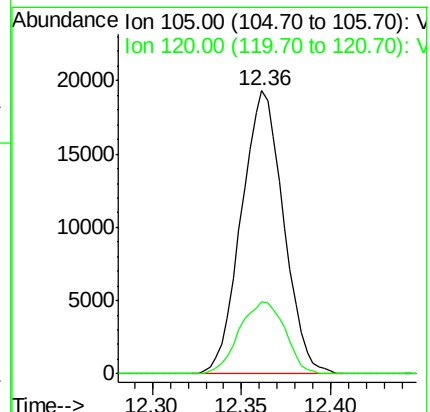
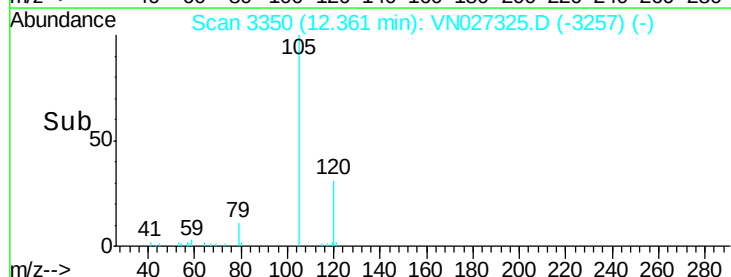
105 100

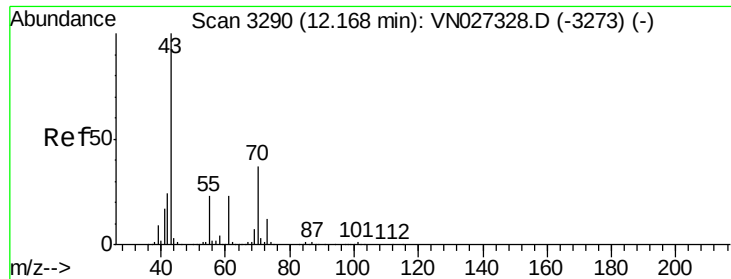
120 27.7 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 0.79 ug/l

RT: 12.17 min Scan# 3291

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tgt Ion: 43 Resp: 11435

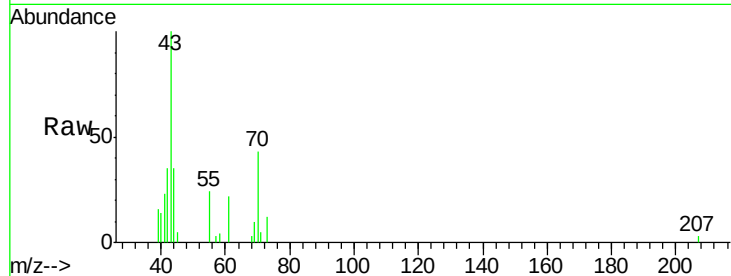
Ion Ratio Lower Upper

43 100

70 45.6 29.8 44.8#

55 19.1 19.4 29.0#

61 22.9 18.2 27.2

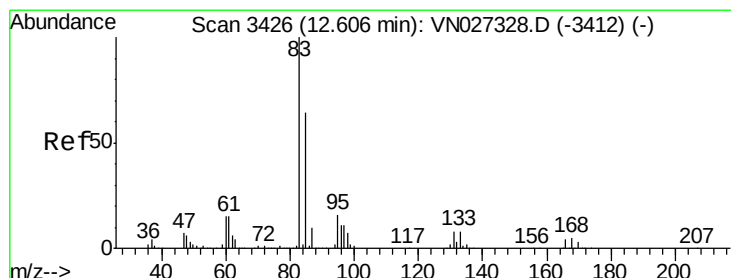
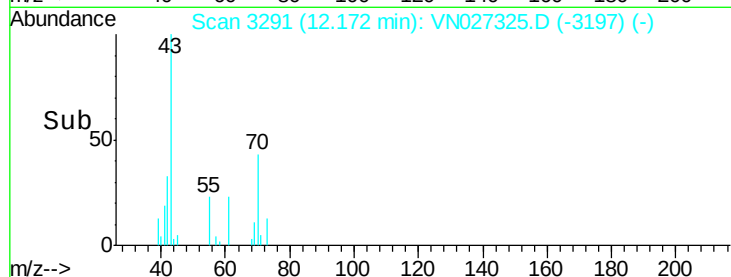
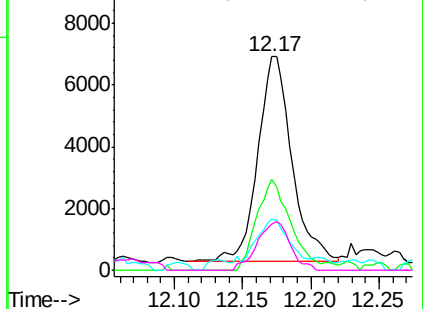


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: Below Cal

RT: 12.61 min Scan# 3426

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

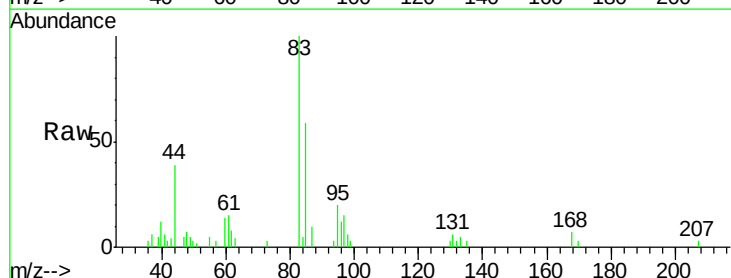
Tgt Ion: 83 Resp: 10302

Ion Ratio Lower Upper

83 100

131 6.1 4.1 12.3

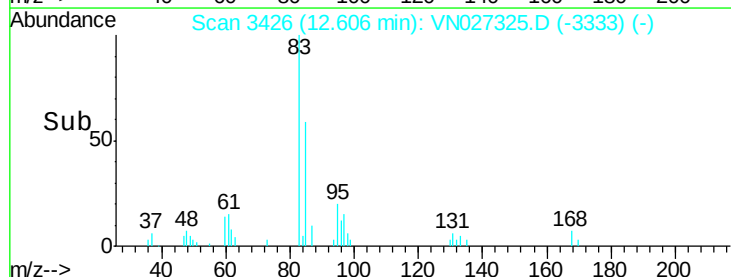
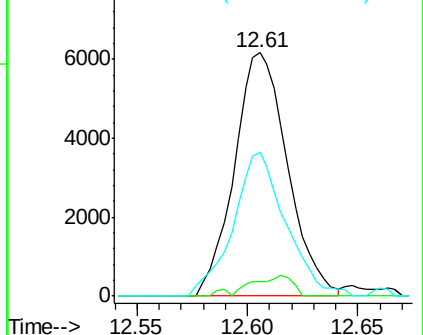
85 58.5 31.9 95.7

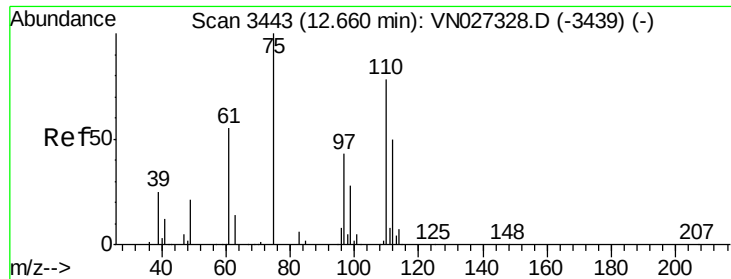


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

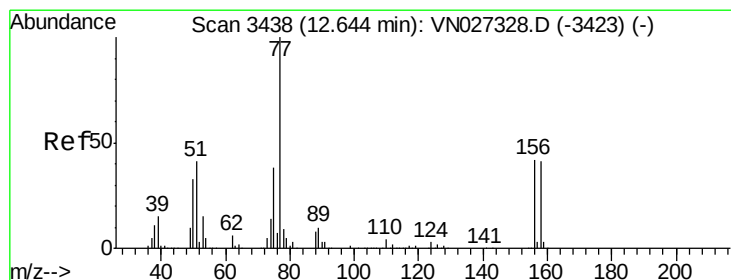
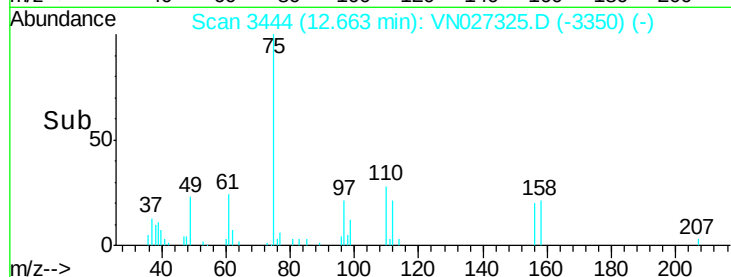
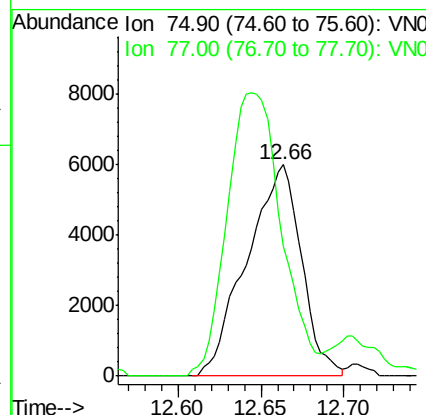
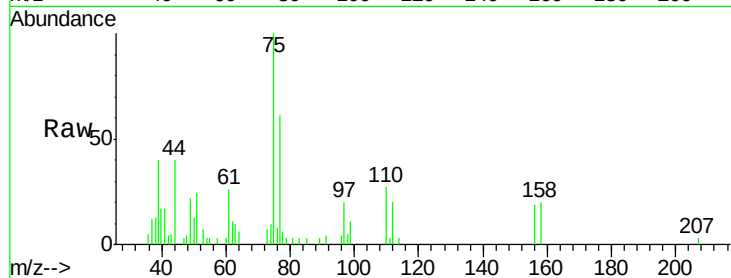




#77
 1,2,3-Trichloropropane
 Concen: 1.53 ug/l
 RT: 12.66 min Scan# 3444
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

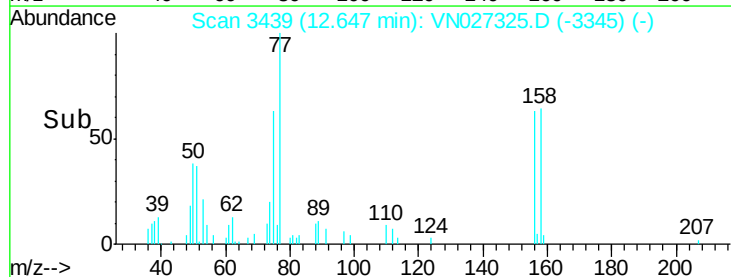
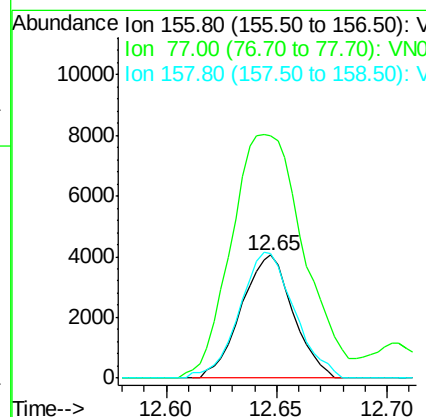
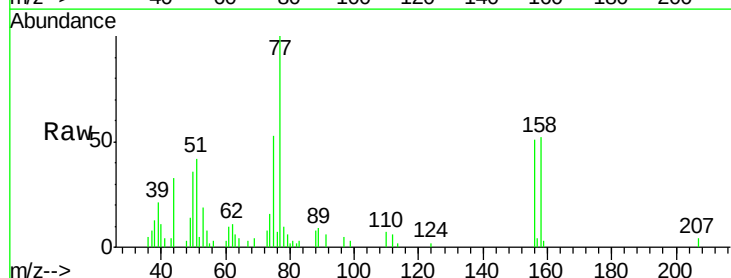
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

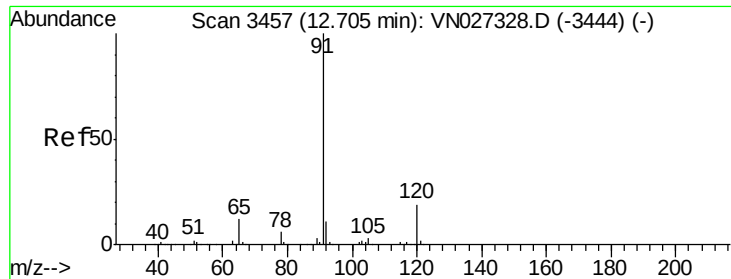
Tgt Ion: 75 Resp: 13723
 Ion Ratio Lower Upper
 75 100
 77 133.6 103.1 309.3



#78
 Bromobenzene
 Concen: 1.03 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 156 Resp: 6593
 Ion Ratio Lower Upper
 156 100
 77 278.2 127.3 381.9
 158 108.4 48.0 144.2





#79

n-propylbenzene

Concen: 0.98 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampled :

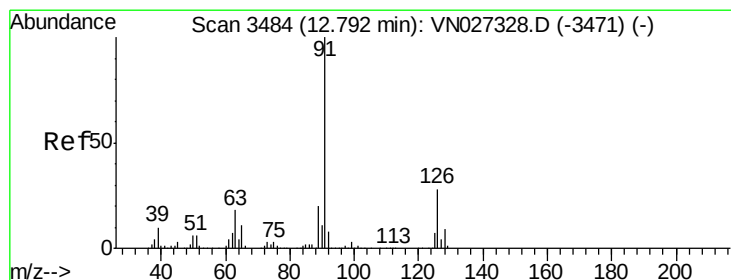
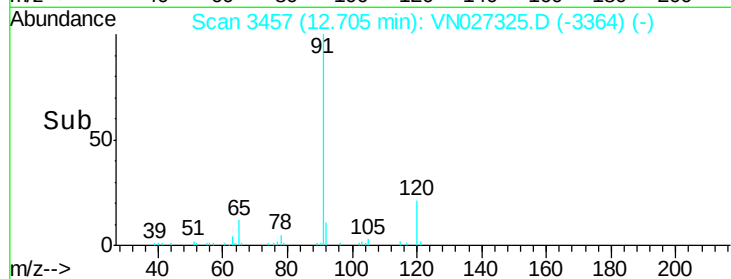
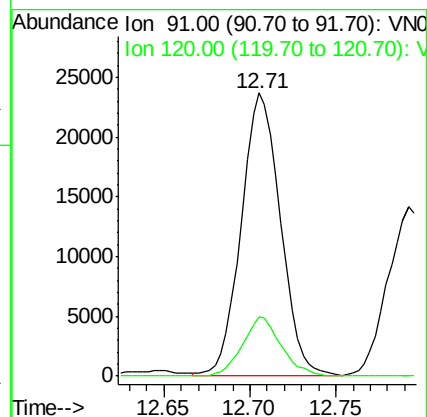
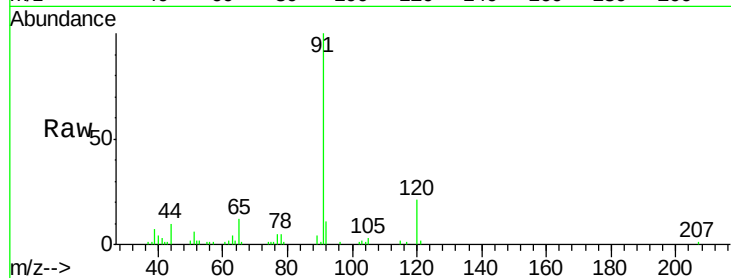
VSTDIC001

Tgt Ion: 91 Resp: 37621

Ion Ratio Lower Upper

91 100

120 20.6 10.3 30.8



#80

2-Chlorotoluene

Concen: 1.06 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. -0.00 min

Lab File: VN027325.D

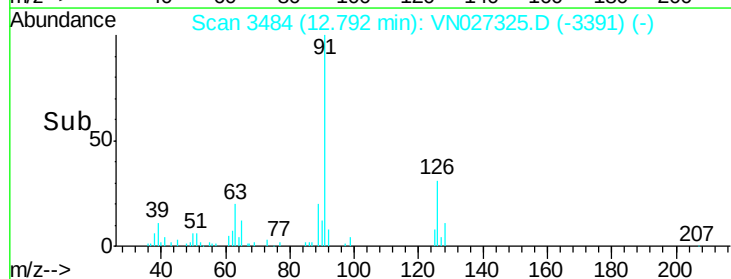
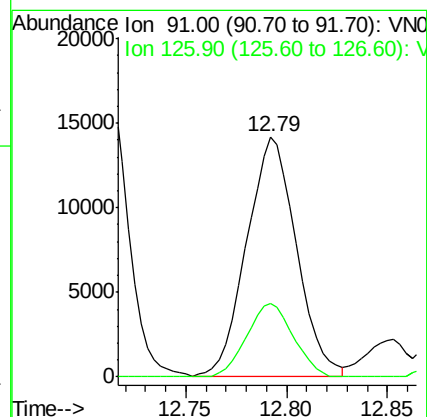
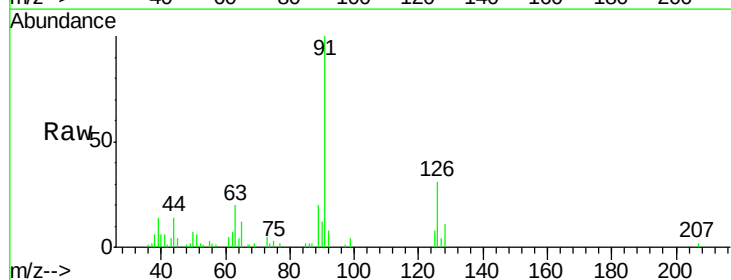
Acq: 21 Sep 2015 10:13

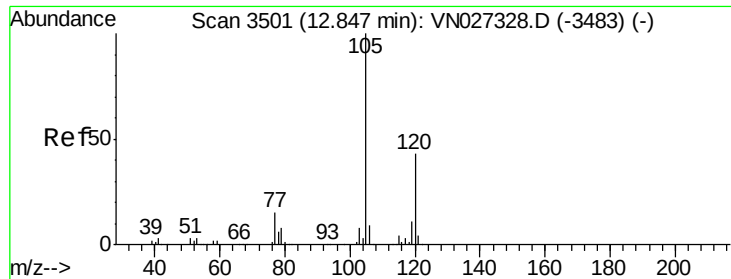
Tgt Ion: 91 Resp: 24537

Ion Ratio Lower Upper

91 100

126 28.5 15.2 45.5

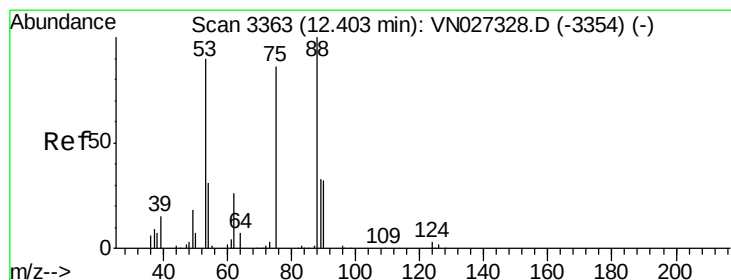
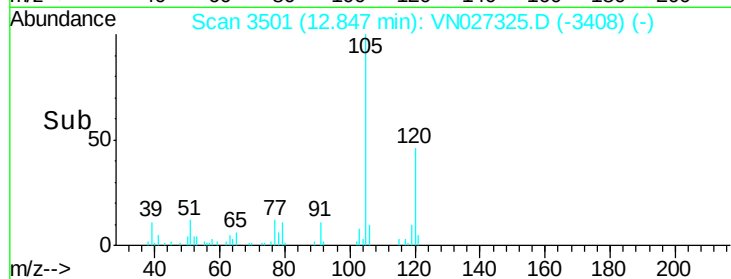
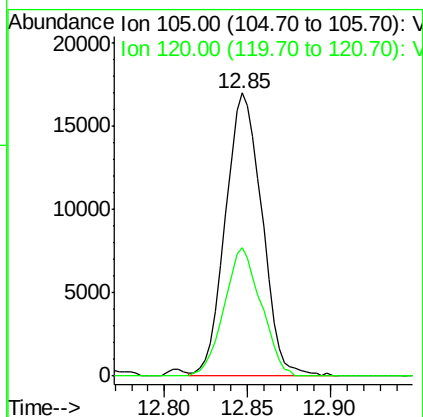
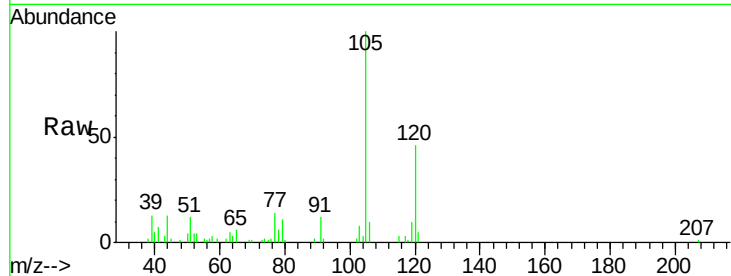




#81
 1,3,5-Trimethylbenzene
 Concen: 0.99 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

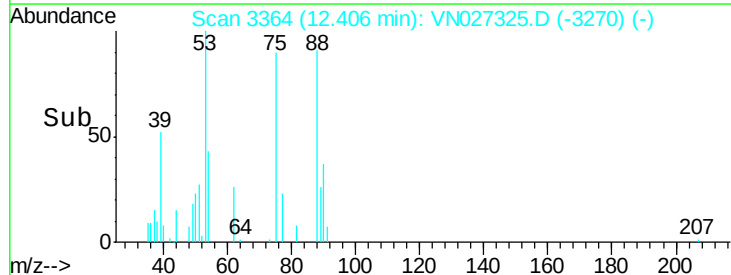
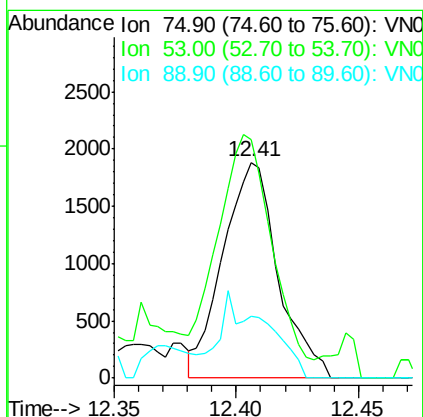
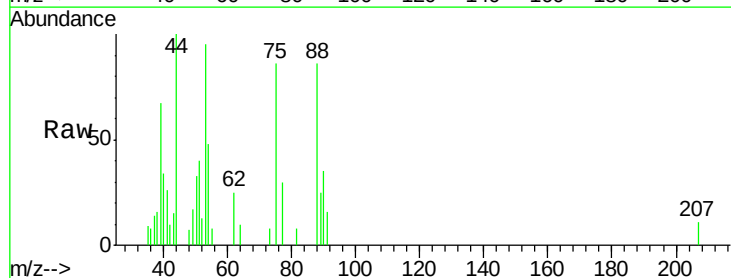
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

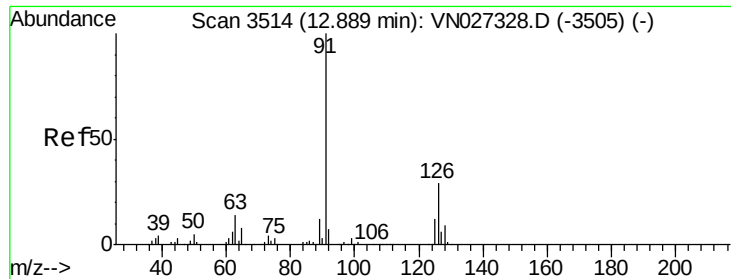
Tgt Ion: 105 Resp: 26054
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 0.81 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 75 Resp: 2954
 Ion Ratio Lower Upper
 75 100
 53 114.6 92.9 139.3
 89 8.7 34.2 51.4#

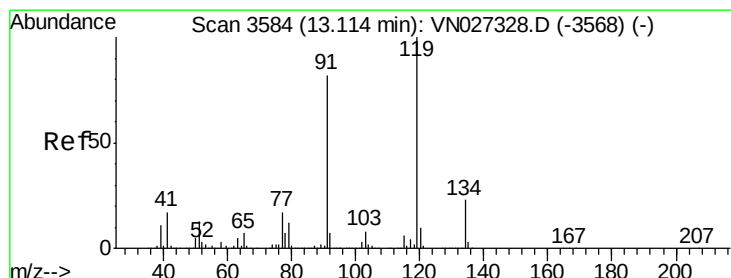
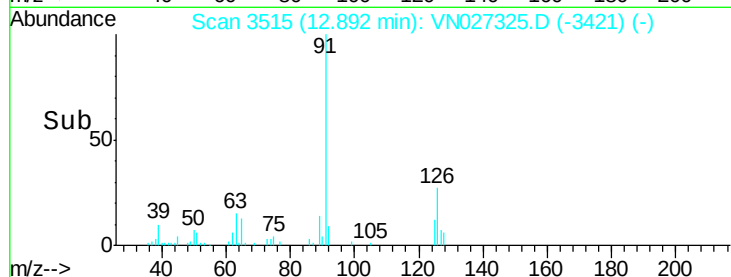
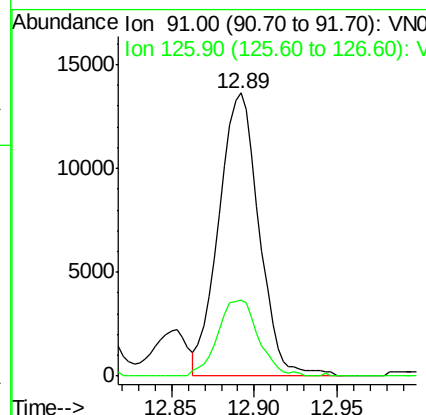
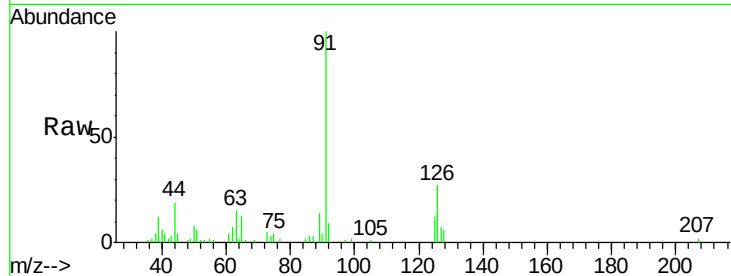




#83
 4-Chlorotoluene
 Concen: 1.02 ug/l
 RT: 12.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

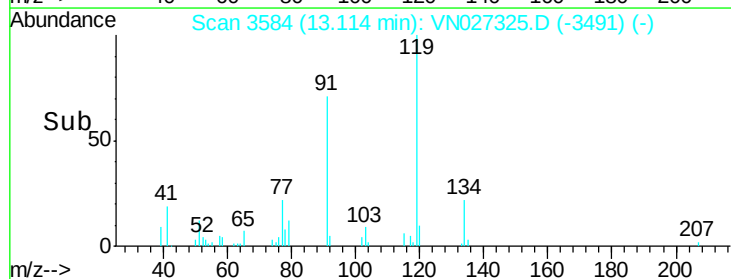
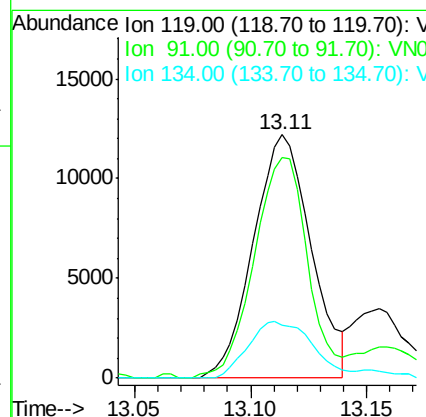
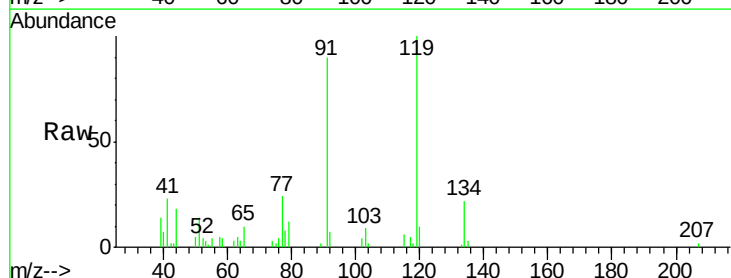
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

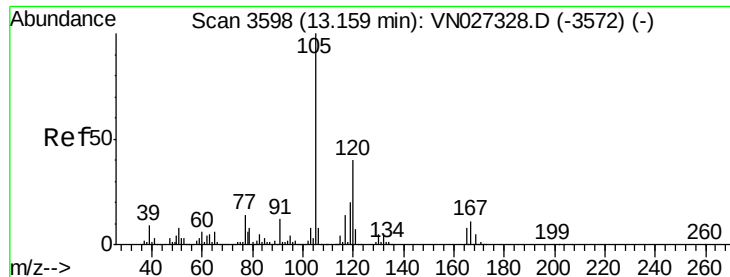
Tgt Ion: 91 Resp: 23046
 Ion Ratio Lower Upper
 91 100
 126 27.1 14.9 44.5



#84
 tert-Butylbenzene
 Concen: 0.98 ug/l
 RT: 13.11 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion: 119 Resp: 21152
 Ion Ratio Lower Upper
 119 100
 91 83.7 34.6 103.8
 134 26.0 11.4 34.2

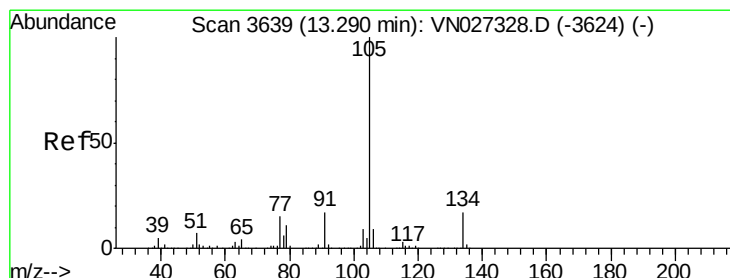
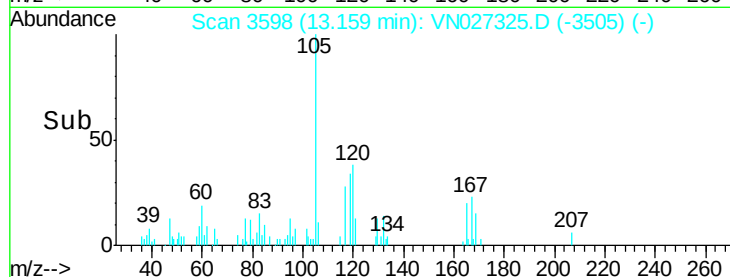
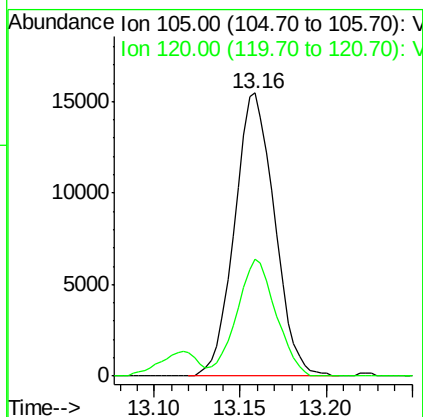
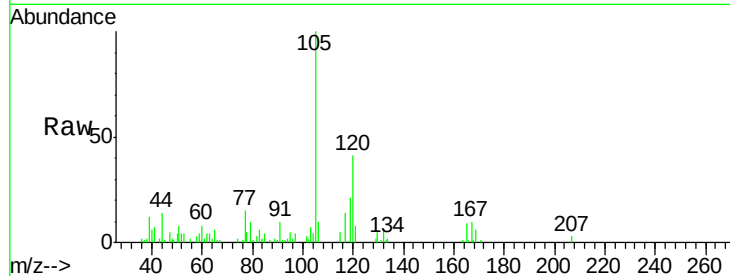




#85
 1,2,4-Trimethylbenzene
 Concen: 0.95 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

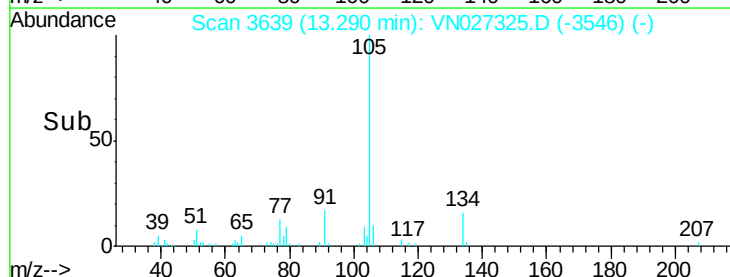
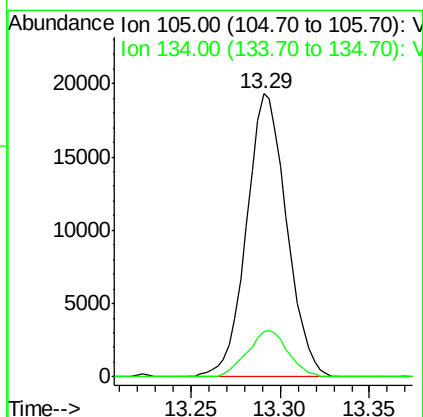
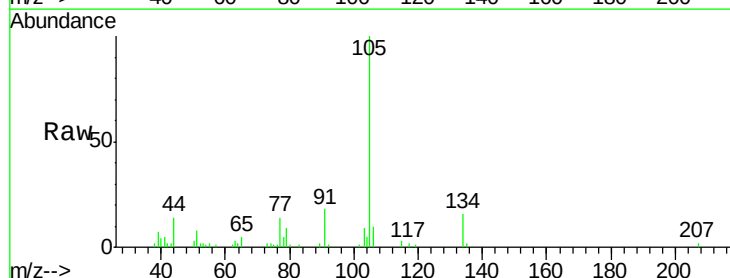
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

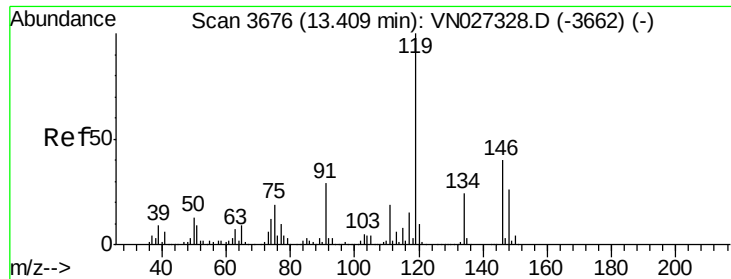
Tgt Ion:105 Resp: 25037
 Ion Ratio Lower Upper
 105 100
 120 40.5 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 0.96 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion:105 Resp: 30415
 Ion Ratio Lower Upper
 105 100
 134 16.6 8.8 26.4

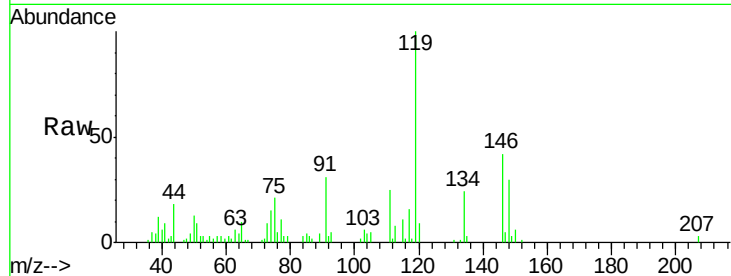




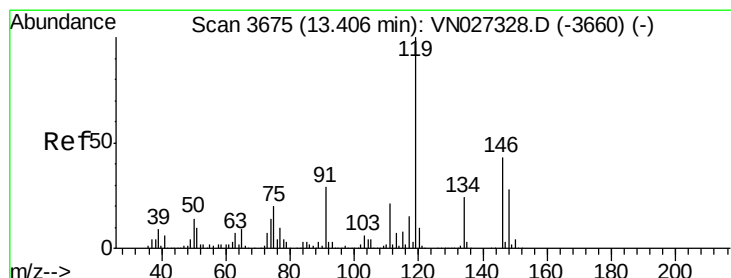
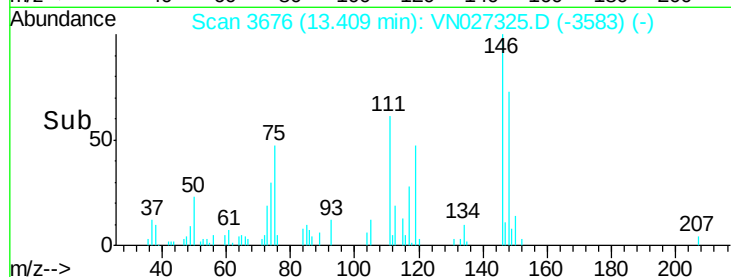
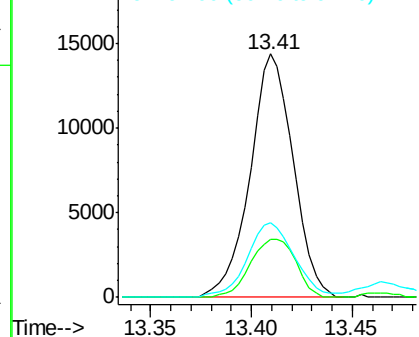
#87
 p-Isopropyltoluene
 Concen: 0.88 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 21516
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.0
 91 33.5 12.0 36.1

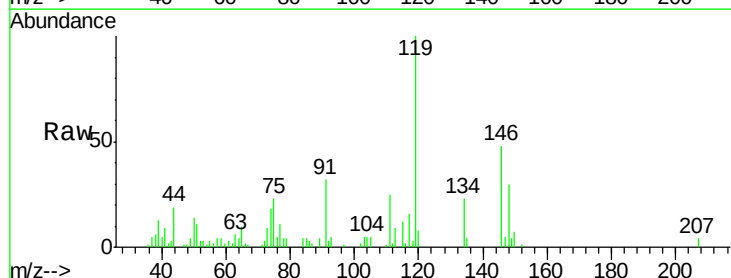


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

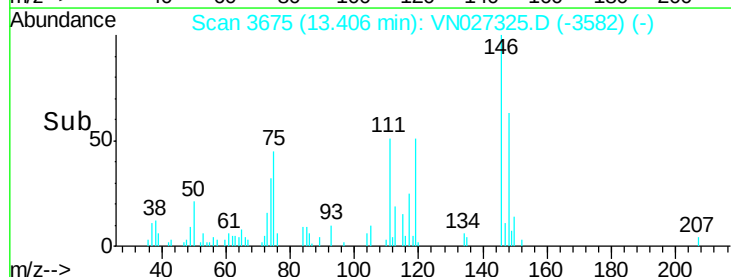
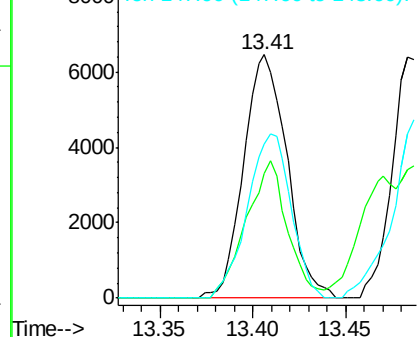


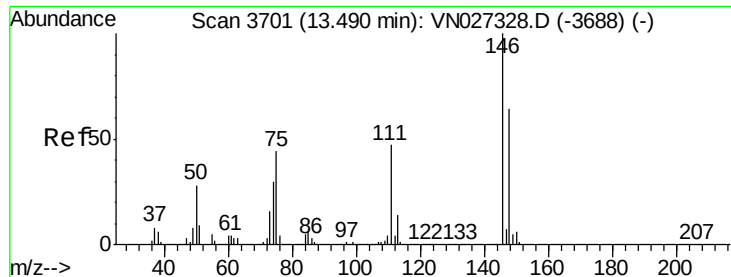
#88
 1,3-Dichlorobenzene
 Concen: 0.96 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Tgt Ion:146 Resp: 10497
 Ion Ratio Lower Upper
 146 100
 111 54.0 21.0 63.0
 148 68.1 31.9 95.9



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

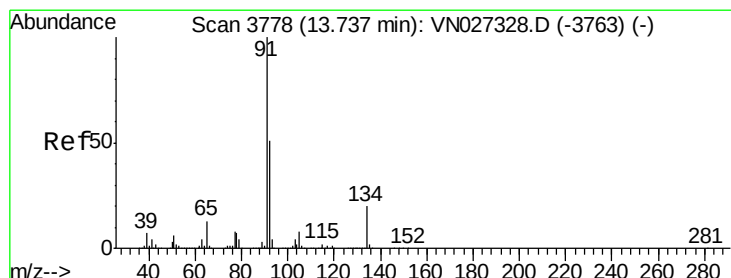
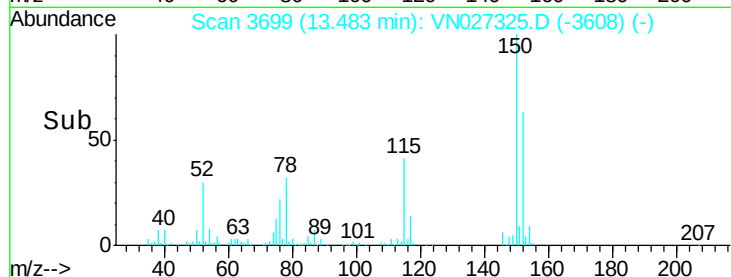
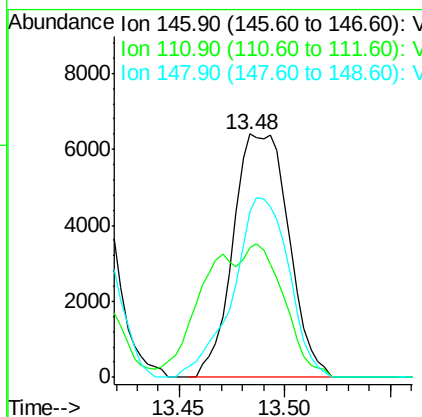
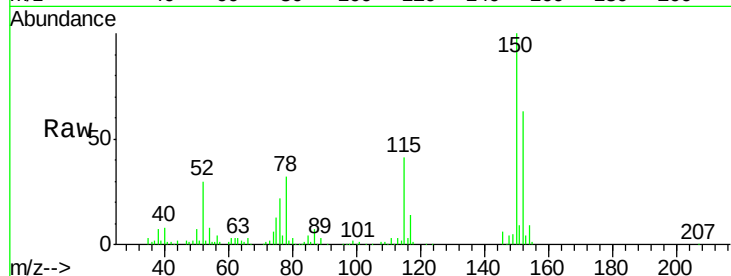




#89
1,4-Dichlorobenzene
Concen: 1.06 ug/l
RT: 13.48 min Scan# 3699
Delta R.T. -0.01 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

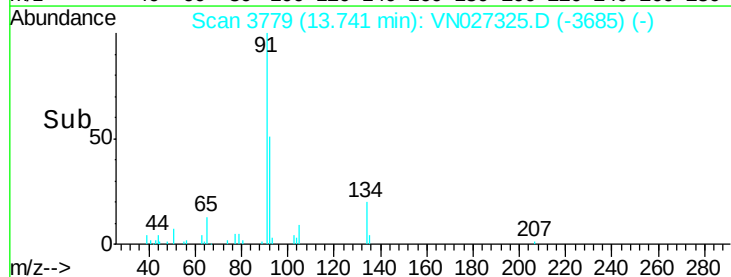
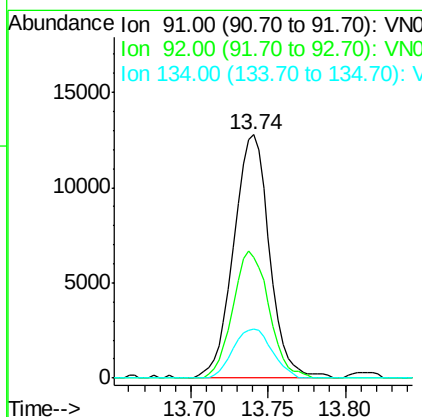
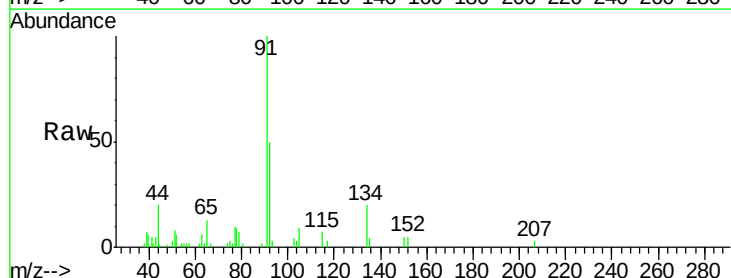
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

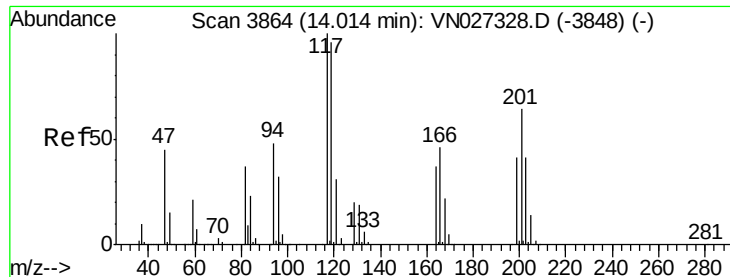
Tgt Ion: 146 Resp: 11734
Ion Ratio Lower Upper
146 100
111 33.3 19.9 59.6
148 73.9 31.7 95.1



#90
n-Butylbenzene
Concen: 0.87 ug/l
RT: 13.74 min Scan# 3779
Delta R.T. 0.00 min
Lab File: VN027325.D
Acq: 21 Sep 2015 10:13

Tgt Ion: 91 Resp: 20556
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.2
134 22.0 11.1 33.1





#91

Hexachloroethane

Concen: 0.96 ug/l

RT: 14.01 min Scan# 3863

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampled :

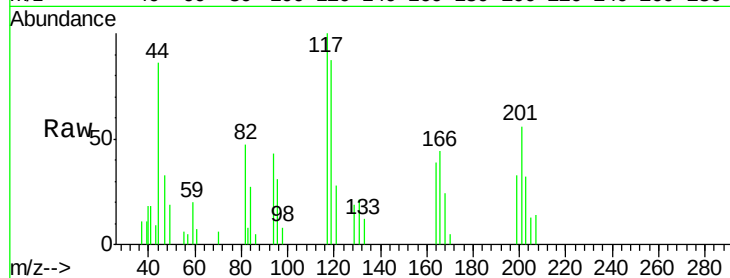
VSTDIC001

Tgt Ion:117 Resp: 5128

Ion Ratio Lower Upper

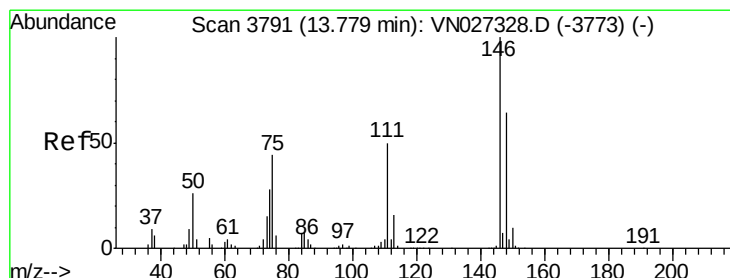
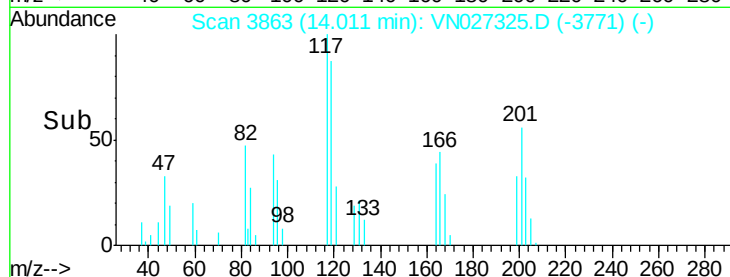
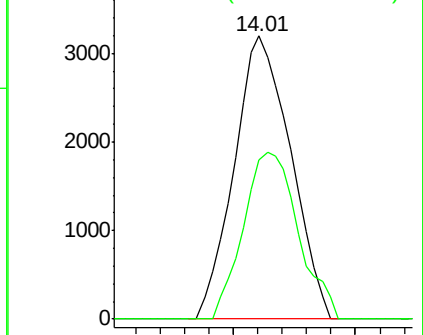
117 100

201 57.2 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: 1.00 ug/l

RT: 13.78 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

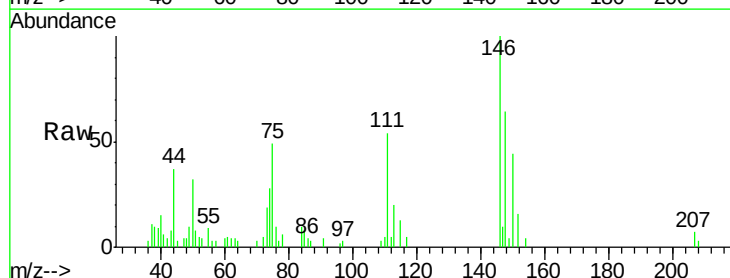
Tgt Ion:146 Resp: 10832

Ion Ratio Lower Upper

146 100

111 51.7 22.1 66.3

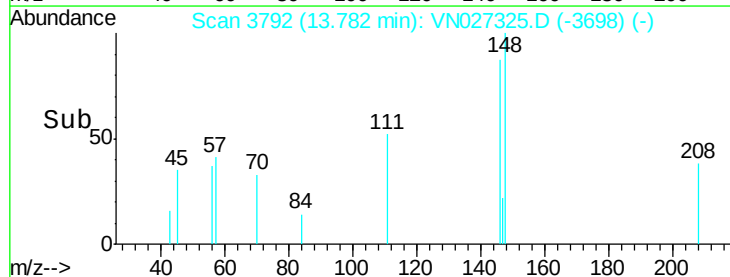
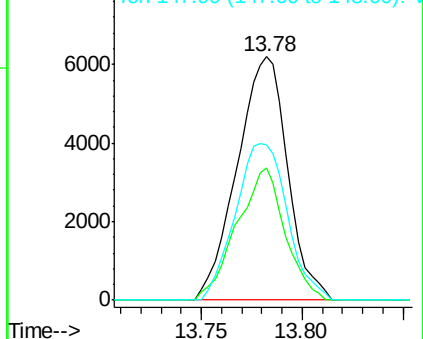
148 66.4 32.0 96.0

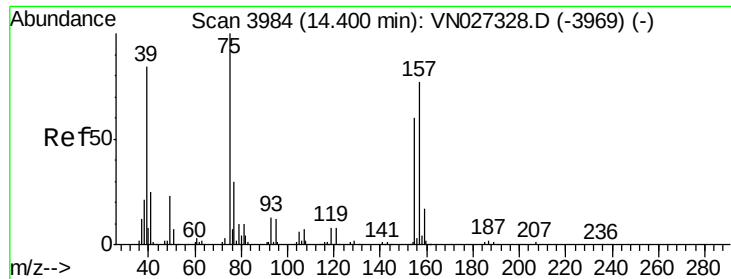


Abundance Ion 145.90 (145.60 to 146.60): V

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: Below Cal

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

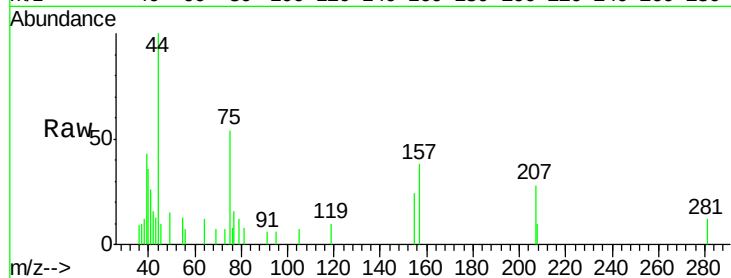
Tgt Ion: 75 Resp: 1904

Ion Ratio Lower Upper

75 100

155 46.9 35.6 106.9

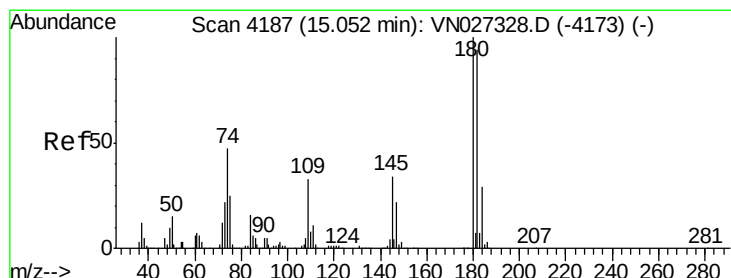
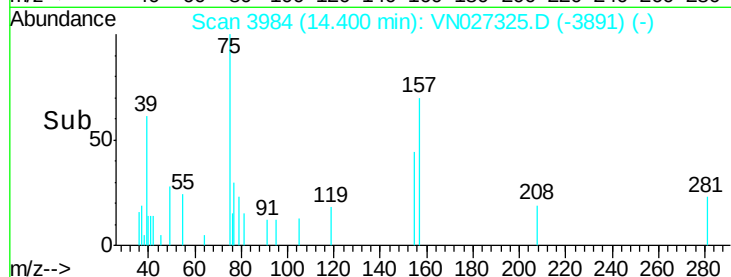
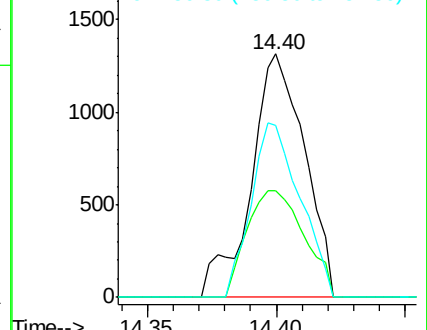
157 65.4 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN027325.D (-3969) (-)

Ion 154.80 (154.50 to 155.50): VN027325.D (-3969) (-)

Ion 156.80 (156.50 to 157.50): VN027325.D (-3969) (-)



#94

1,2,4-Trichlorobenzene

Concen: 0.76 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

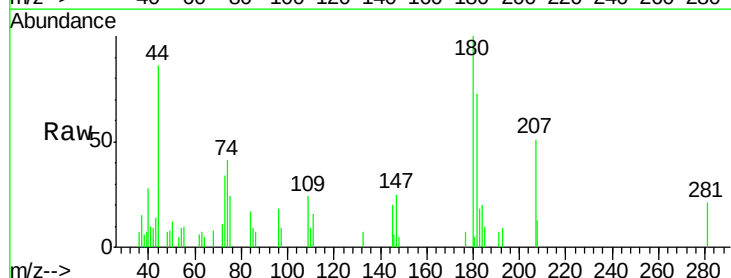
Tgt Ion: 180 Resp: 4437

Ion Ratio Lower Upper

180 100

182 88.4 47.5 142.5

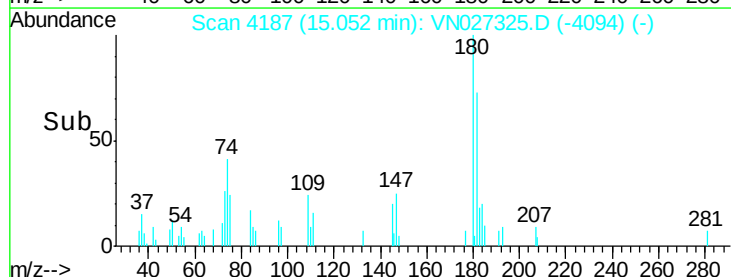
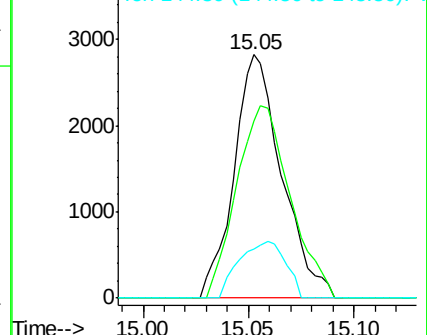
145 22.7 15.1 45.3

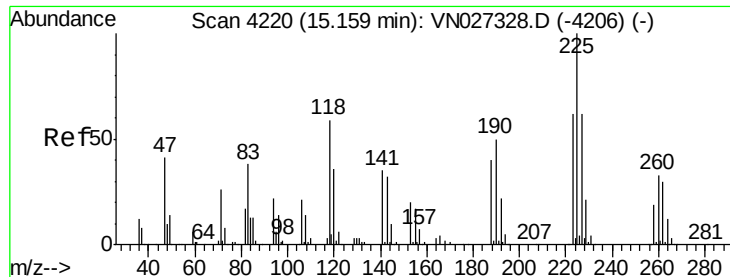


Abundance Ion 179.80 (179.50 to 180.50): VN027325.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027325.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027325.D (-4094) (-)





#95

Hexachlorobutadiene

Concen: 1.01 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

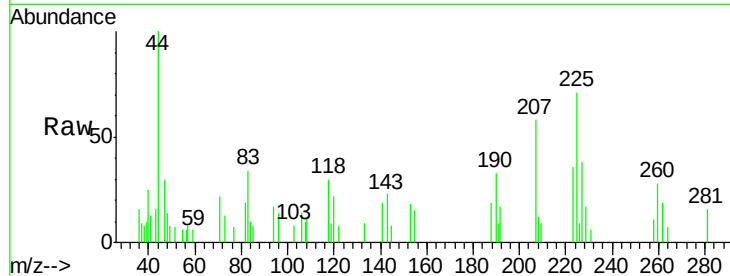
Tgt Ion:225 Resp: 3105

Ion Ratio Lower Upper

225 100

223 42.2 30.8 92.3

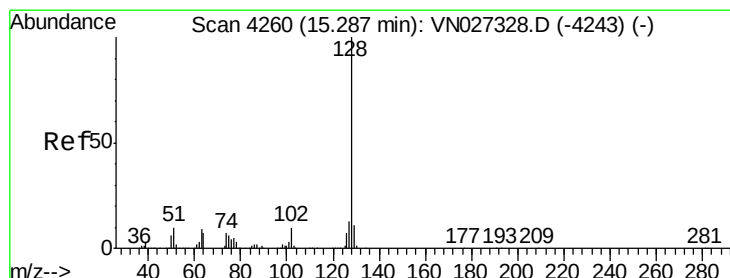
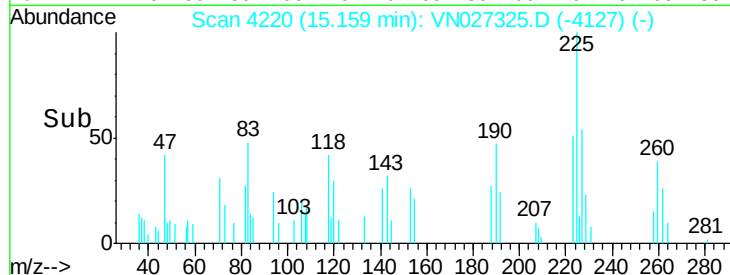
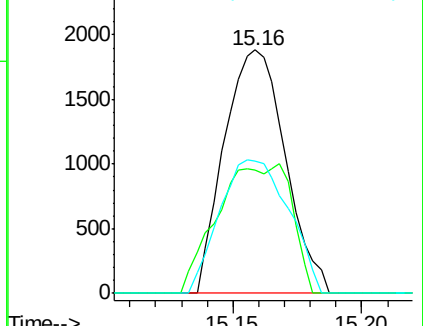
227 62.0 31.7 95.1



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: 0.60 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. -0.00 min

Lab File: VN027325.D

Acq: 21 Sep 2015 10:13

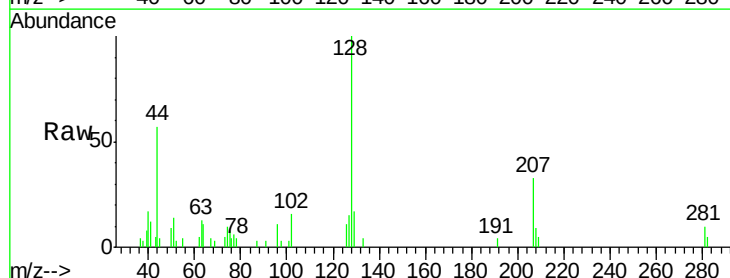
Tgt Ion:128 Resp: 10199

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

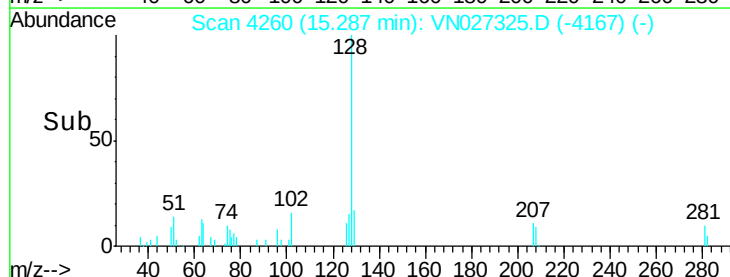
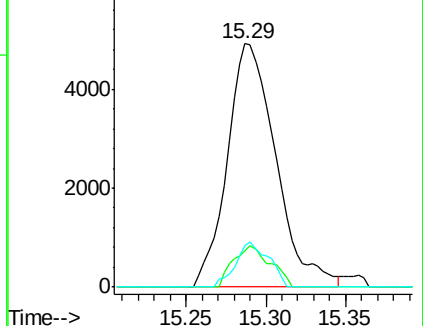
129 12.5 8.6 12.8

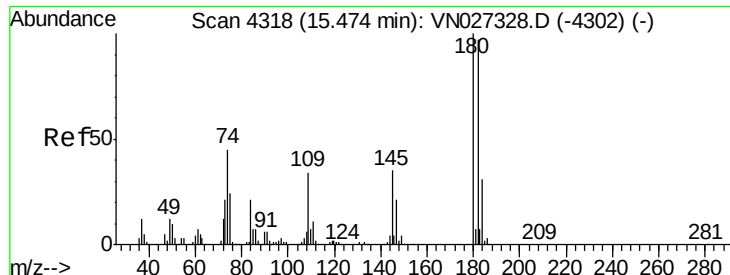


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

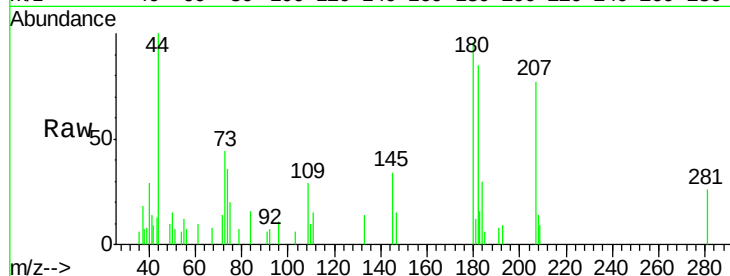




#97
 1,2,3-Trichlorobenzene
 Concen: 0.80 ug/l
 RT: 15.47 min Scan# 4317
 Delta R.T. -0.00 min
 Lab File: VN027325.D
 Acq: 21 Sep 2015 10:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 4662
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.8 146.4
 145 32.4 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

