

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027329.D
 Acq On : 21 Sep 2015 12:16
 Operator : MD\FY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 22 01:23:35 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	569713	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1065062	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	916702	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	362316	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	1103899	98.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.96%	
36) Dibromofluoromethane	7.68	113	693467	99.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.58%	
51) Toluene-d8	10.19	98	2644621	98.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.86%	
63) 4-Bromofluorobenzene	12.52	95	972790	99.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	577761	97.71	ug/l	100
3) Chlorodifluoromethane	1.82	51	751056	100.30	ug/l	93
4) Chloromethane	2.01	50	642961	94.90	ug/l	100
5) Vinyl Chloride	2.14	62	732748	96.96	ug/l	98
6) Bromomethane	2.53	94	321655	104.51	ug/l	98
7) Chloroethane	2.68	64	463777	96.52	ug/l	100
8) Trichlorofluoromethane	3.02	101	1081431	98.54	ug/l	97
9) Diethyl Ether	3.42	74	487683	99.99	ug/l	86
10) 1,1,2-Trichlorotrifluoroet	3.79	101	669004	96.12	ug/l	96
11) Methyl Iodide	3.99	142	572021	103.26	ug/l	93
12) Tert butyl alcohol	4.80	59	449170	504.86	ug/l	98
13) 1,1-Dichloroethene	3.76	96	646272	99.34	ug/l	95
14) Acrolein	3.61	56	642299	556.84	ug/l	97
15) Allyl chloride	4.37	41	1269293	100.03	ug/l	# 82
16) Acrylonitrile	5.02	53	1716520	531.35	ug/l	98
17) Acetone	3.82	43	1487595	490.29	ug/l	95
18) Carbon Disulfide	4.11	76	1897877	97.43	ug/l	100
19) Methyl Acetate	4.36	43	2064606	109.69	ug/l	95
20) Methyl tert-butyl Ether	5.11	73	2592562	99.82	ug/l	97
21) Methylene Chloride	4.60	84	772330	95.61	ug/l	99
22) trans-1,2-Dichloroethene	5.12	96	700094	97.88	ug/l	96
23) Diisopropyl ether	6.03	45	2762215	100.10	ug/l	92
24) Vinyl Acetate	5.97	43	4811335	509.45	ug/l	98
25) 1,1-Dichloroethane	5.93	63	1586077	98.63	ug/l	99
26) 2-Butanone	6.91	43	2124069	534.58	ug/l	98
27) 2,2-Dichloropropane	6.92	77	1401248	101.13	ug/l	93
28) cis-1,2-Dichloroethene	6.92	96	827752	97.95	ug/l	93
29) Bromochloromethane	7.29	49	598976	94.94	ug/l	98
30) Tetrahydrofuran	7.31	42	1331158	528.52	ug/l	91
31) Chloroform	7.46	83	1505237	99.66	ug/l	98
32) Cyclohexane	7.77	56	1432036	101.66	ug/l	94
33) 1,1,1-Trichloroethane	7.67	97	1322731	98.83	ug/l	97
37) 1,1-Dichloropropene	7.89	75	1143520	99.62	ug/l	97
38) Ethyl Acetate	7.01	43	943776	106.48	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	1060547	98.18	ug/l	100
40) Methylcyclohexane	9.19	83	1333200	97.78	ug/l	97
41) Benzene	8.14	78	3268029	98.10	ug/l	99
42) Methacrylonitrile	7.24	41	559902	107.01	ug/l #	93
43) 1,2-Dichloroethane	8.22	62	1339485	98.62	ug/l	95
44) Isopropyl Acetate	8.25	43	1762524	104.04	ug/l	97
45) Trichloroethene	8.93	130	653455	97.91	ug/l	90
46) 1,2-Dichloropropane	9.21	63	921754	98.85	ug/l	99
47) Dibromomethane	9.30	93	552496	98.73	ug/l	93
48) Bromodichloromethane	9.49	83	1199072	101.03	ug/l	100
49) Methyl methacrylate	9.29	41	858399	107.67	ug/l #	88
50) 1,4-Dioxane	9.29	88	189420	1968.38	ug/l	95
52) 4-Methyl-2-Pentanone	10.07	43	4411772	506.32	ug/l	99
53) Toluene	10.26	92	1924055	97.64	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	1316633	103.92	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	1422846	102.23	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	731914	99.59	ug/l	98
57) Ethyl methacrylate	10.52	69	1187662	101.82	ug/l #	90
58) 1,3-Dichloropropane	10.80	76	1339728	98.90	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	2653259	513.30	ug/l	98
60) 2-Hexanone	10.84	43	3000641	506.72	ug/l	99
61) Dibromochloromethane	11.00	129	740039	102.82	ug/l	99
62) 1,2-Dibromoethane	11.11	107	710714	101.69	ug/l	98
65) Tetrachloroethene	10.74	164	506120	92.76	ug/l	95
66) Chlorobenzene	11.54	112	1909235	97.14	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	646744	98.06	ug/l	98
68) Ethyl Benzene	11.62	91	3679551	99.25	ug/l	99
69) m/p-Xylenes	11.73	106	2558921	199.09	ug/l	89
70) o-Xylene	12.06	106	1260757	97.08	ug/l	88
71) Styrene	12.07	104	2126632	102.86	ug/l	95
72) Bromoform	12.24	173	449095	101.49	ug/l #	100
74) Isopropylbenzene	12.36	105	3460124	95.33	ug/l	98
75) N-amyl acetate	12.17	43	1474947	102.42	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	937992	91.80	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	1326941	145.87	ug/l	56
78) Bromobenzene	12.64	156	668062	94.06	ug/l	92
79) n-propylbenzene	12.71	91	4206528	97.17	ug/l	97
80) 2-Chlorotoluene	12.79	91	2485391	93.92	ug/l	94
81) 1,3,5-Trimethylbenzene	12.85	105	2816784	96.00	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	350509	98.81	ug/l	92
83) 4-Chlorotoluene	12.89	91	2504634	96.98	ug/l	95
84) tert-Butylbenzene	13.11	119	2218908	93.79	ug/l	88
85) 1,2,4-Trimethylbenzene	13.16	105	2833148	97.10	ug/l	94
86) sec-Butylbenzene	13.29	105	3433560	97.44	ug/l	99
87) p-Isopropyltoluene	13.41	119	2631551	99.59	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	1197491	97.72	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	1189311	95.89	ug/l	95
90) n-Butylbenzene	13.74	91	2728331	103.40	ug/l	99
91) Hexachloroethane	14.01	117	545577	96.57	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	1173825	95.87	ug/l	96

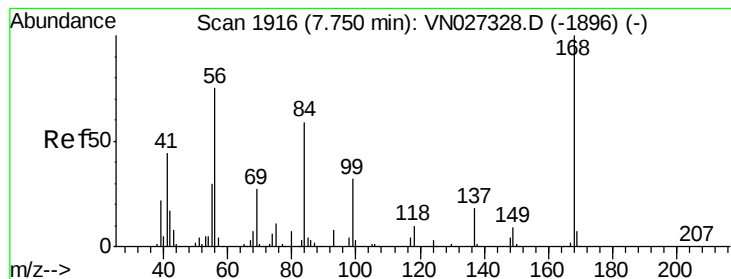
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	201624	100.69	ug/l	85
94) 1,2,4-Trichlorobenzene	15.06	180	695620	109.94	ug/l	98
95) Hexachlorobutadiene	15.16	225	325776	93.97	ug/l	98
96) Naphthalene	15.29	128	1971629	97.77	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	685728	108.77	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

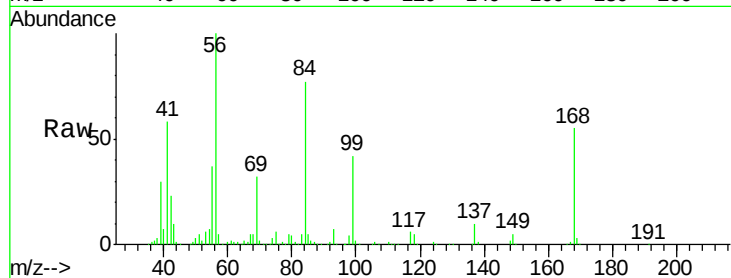
VSTDIC100

Tgt Ion:168 Resp: 569713

Ion Ratio Lower Upper

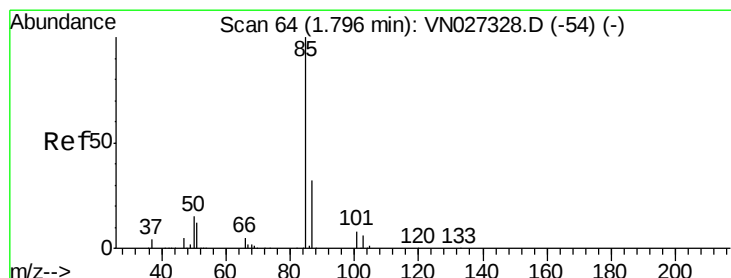
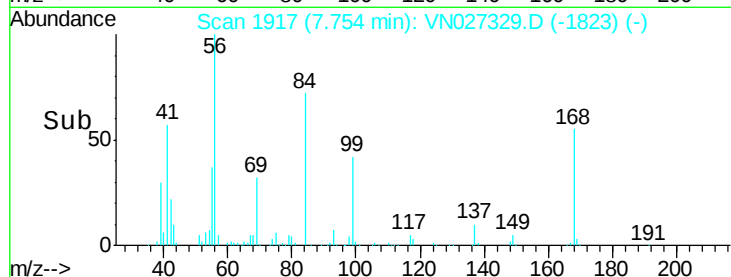
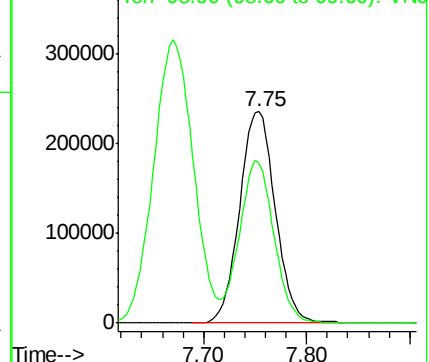
168 100

99 75.0 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: 97.71 ug/l

RT: 1.80 min Scan# 64

Delta R.T. 0.00 min

Lab File: VN027329.D

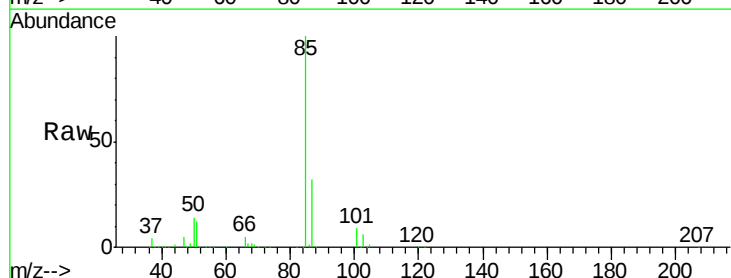
Acq: 21 Sep 2015 12:16

Tgt Ion: 85 Resp: 577761

Ion Ratio Lower Upper

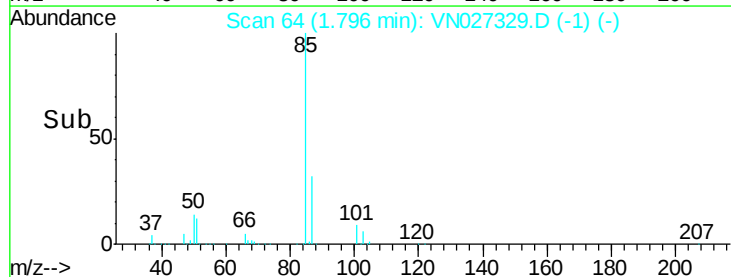
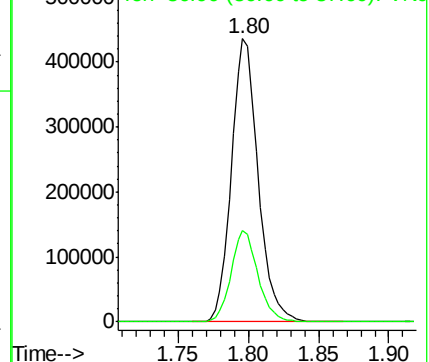
85 100

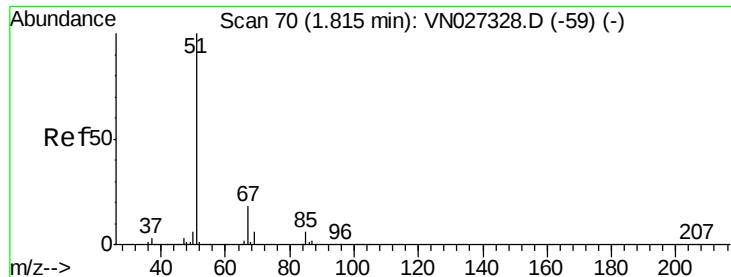
87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chlorodifluoromethane

Concen: 100.30 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

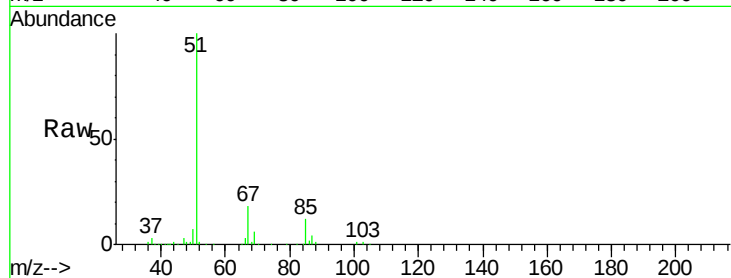
VSTDIC100

Tgt Ion: 51 Resp: 751056

Ion Ratio Lower Upper

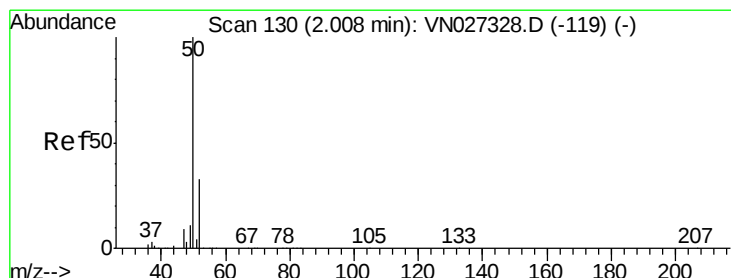
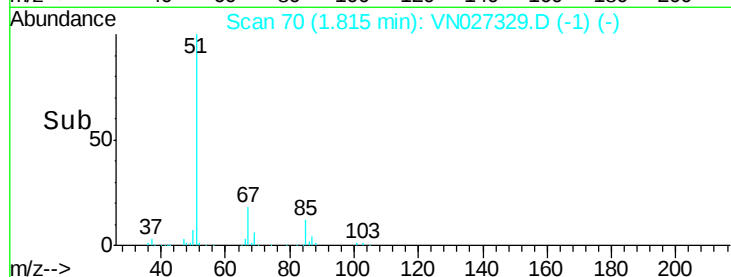
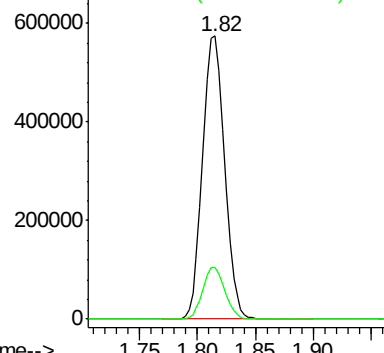
51 100

67 18.2 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 94.90 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027329.D

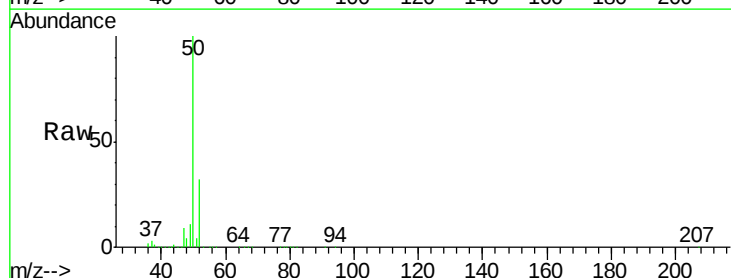
Acq: 21 Sep 2015 12:16

Tgt Ion: 50 Resp: 642961

Ion Ratio Lower Upper

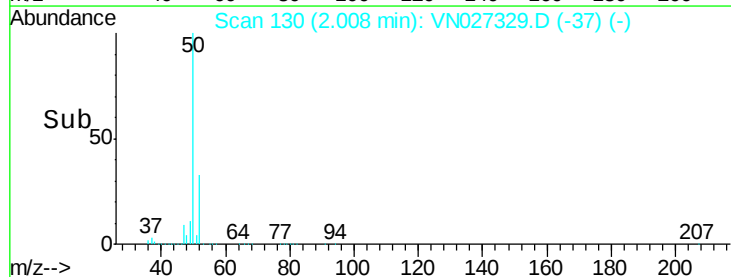
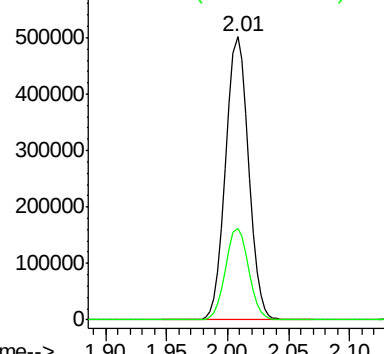
50 100

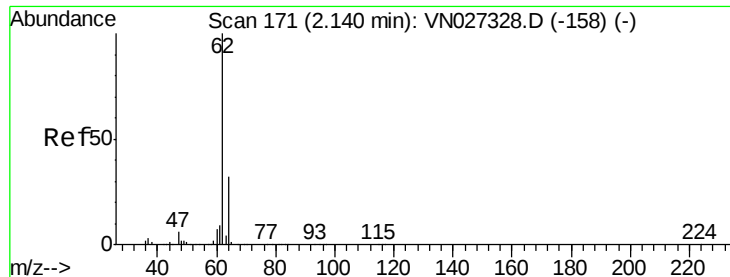
52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 96.96 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

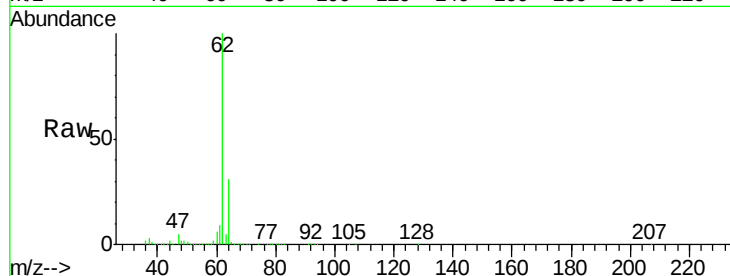
VSTDIC100

Tgt Ion: 62 Resp: 732748

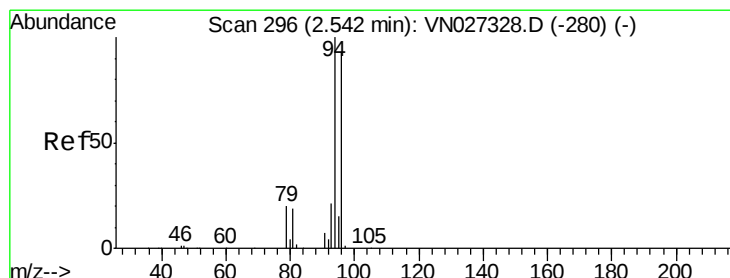
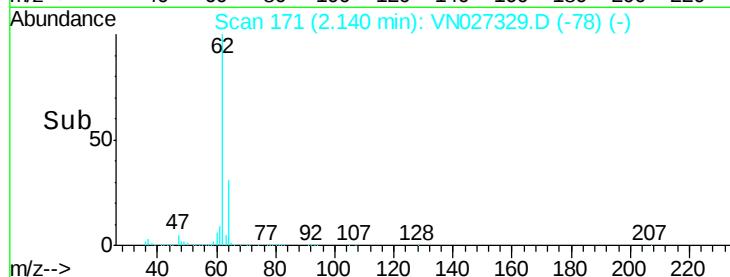
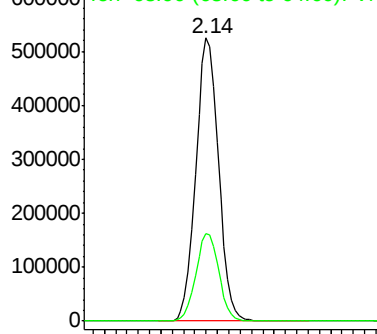
Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO



#6

Bromomethane

Concen: 104.51 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.01 min

Lab File: VN027329.D

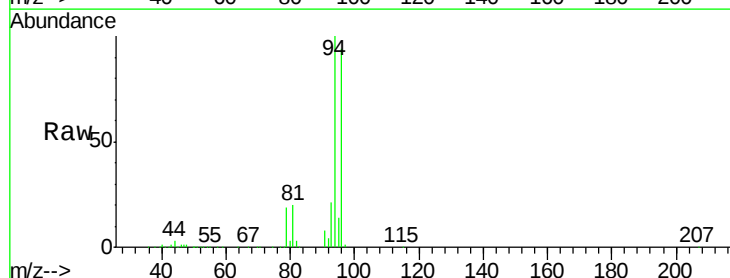
Acq: 21 Sep 2015 12:16

Tgt Ion: 94 Resp: 321655

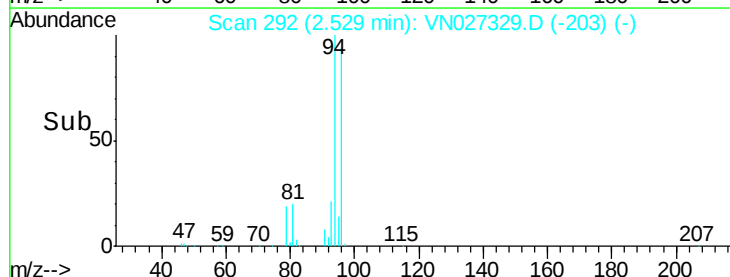
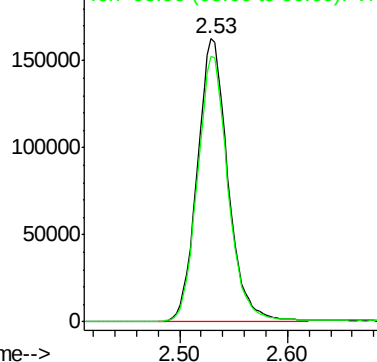
Ion Ratio Lower Upper

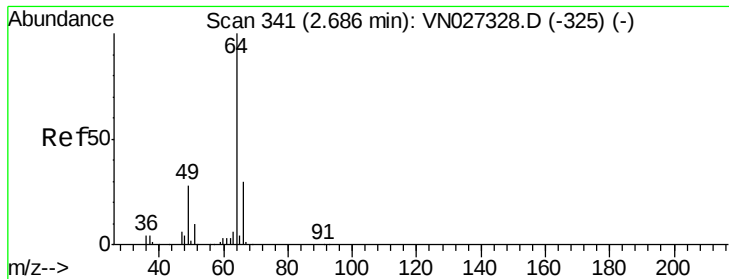
94 100

96 93.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO





#7

Chloroethane

Concen: 96.52 ug/l

RT: 2.68 min Scan# 339

Delta R.T. -0.01 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

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ClientSampleId :

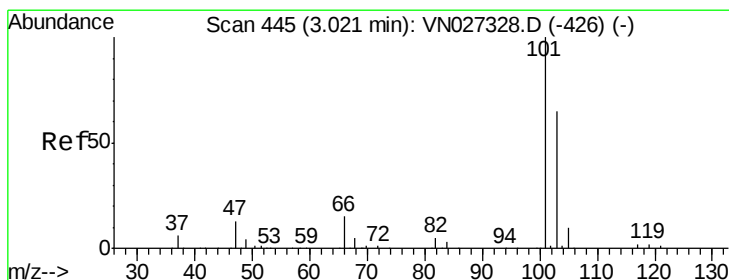
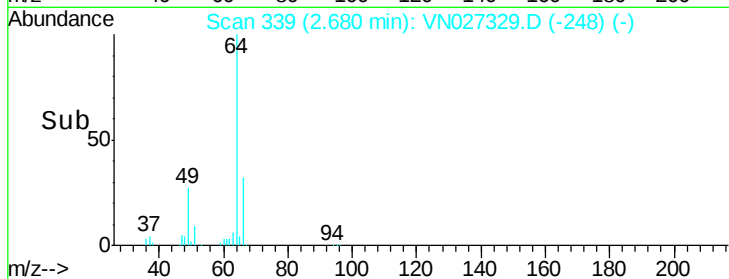
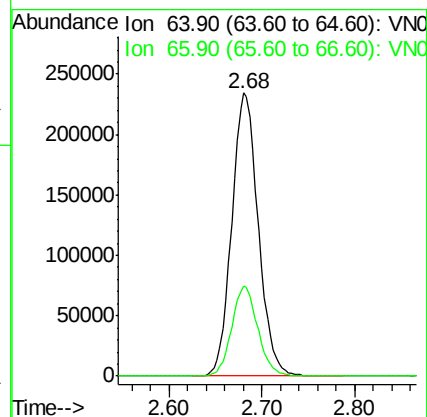
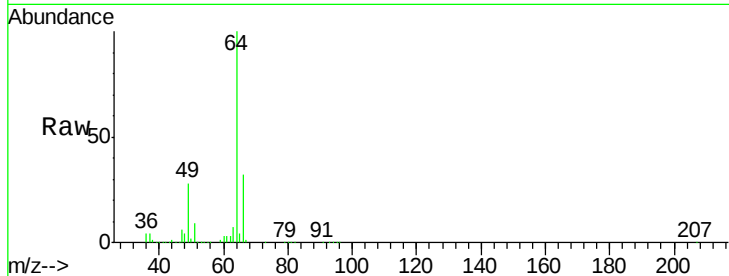
VSTDIC100

Tgt Ion: 64 Resp: 463777

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



#8

Trichlorofluoromethane

Concen: 98.54 ug/l

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027329.D

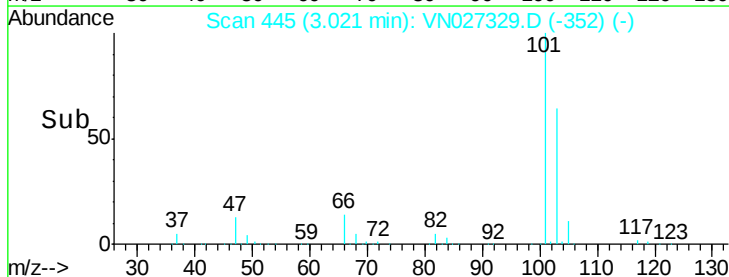
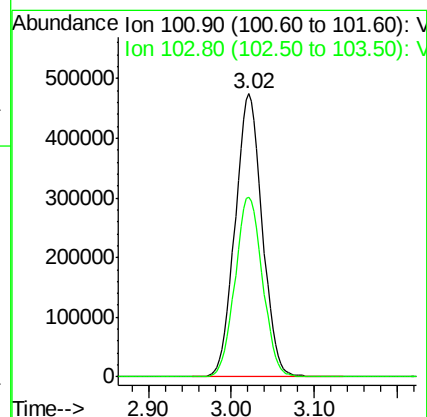
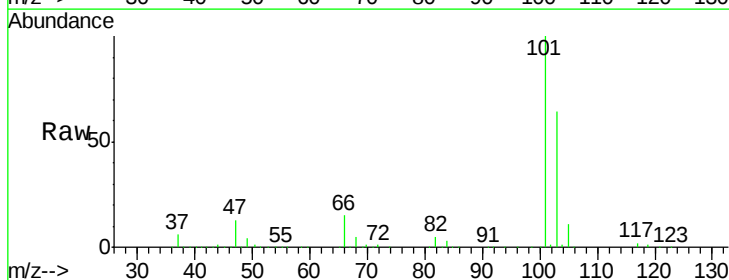
Acq: 21 Sep 2015 12:16

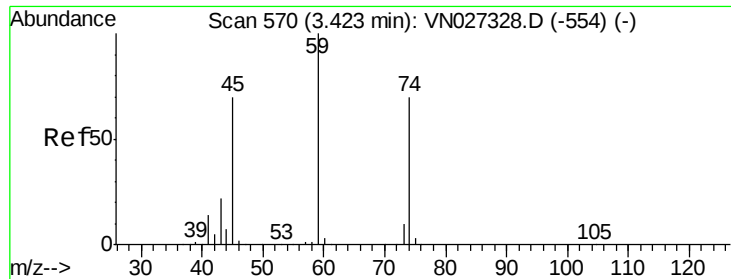
Tgt Ion: 101 Resp: 1081431

Ion Ratio Lower Upper

101 100

103 63.6 52.6 79.0





#9

Diethyl Ether

Concen: 99.99 ug/l

RT: 3.42 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

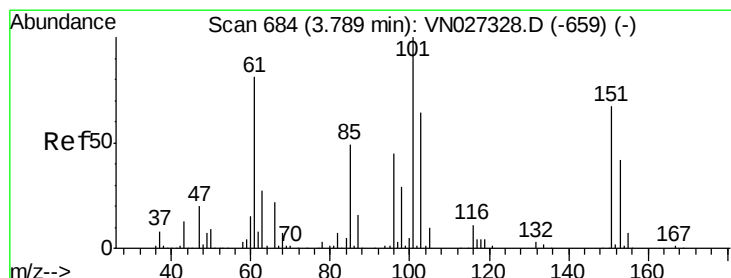
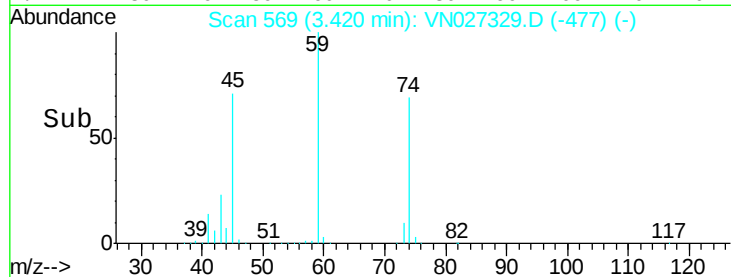
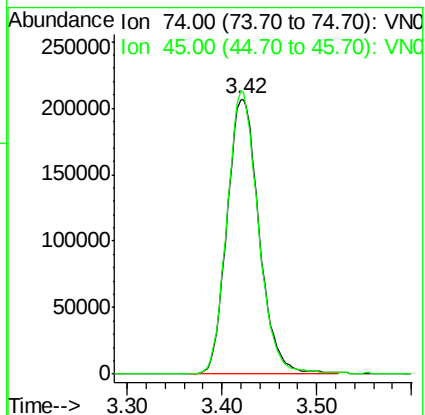
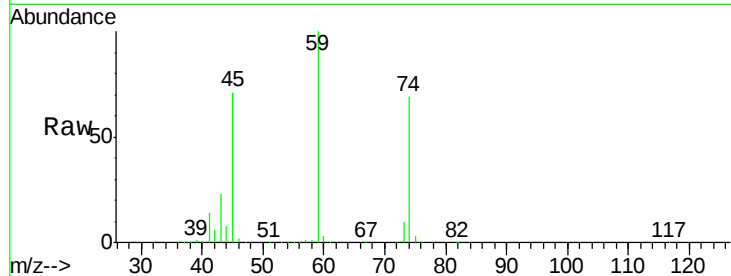
VSTDIC100

Tgt Ion: 74 Resp: 487683

Ion Ratio Lower Upper

74 100

45 100.5 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 96.12 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

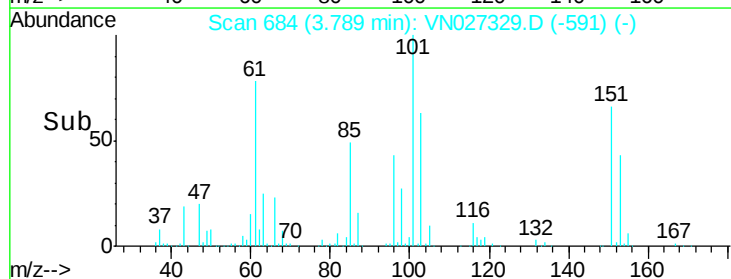
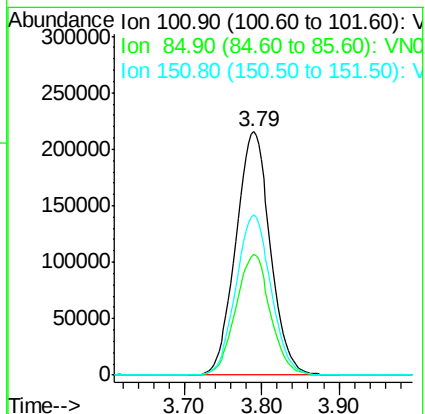
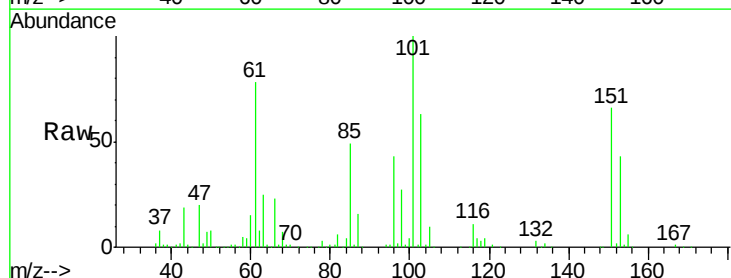
Tgt Ion: 101 Resp: 669004

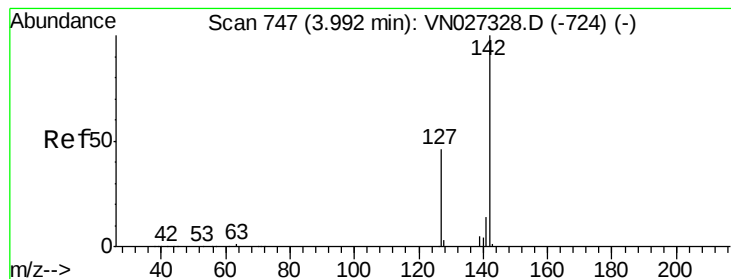
Ion Ratio Lower Upper

101 100

85 49.4 37.4 56.0

151 66.6 55.9 83.9





#11

Methyl Iodide

Concen: 103.26 ug/l

RT: 3.99 min Scan# 746

Delta R.T. -0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

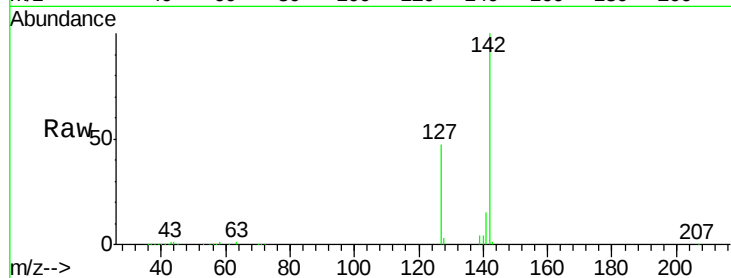
Tgt Ion: 142 Resp: 572021

Ion Ratio Lower Upper

142 100

127 46.5 32.3 48.5

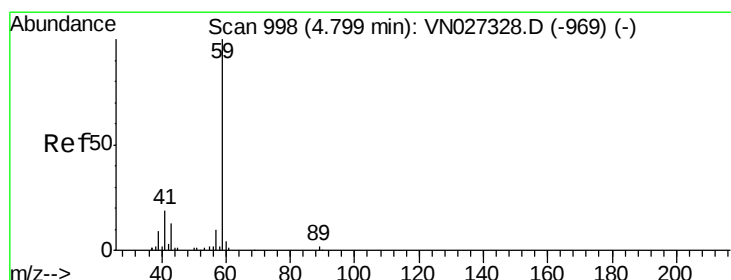
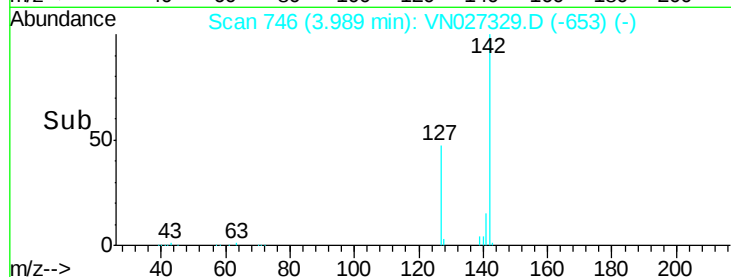
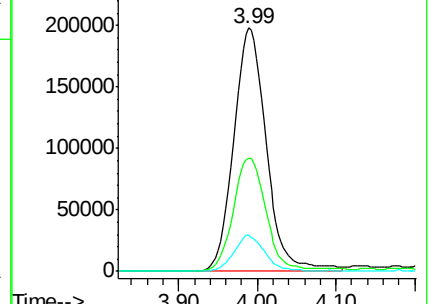
141 14.0 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#12

Tert butyl alcohol

Concen: 504.86 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN027329.D

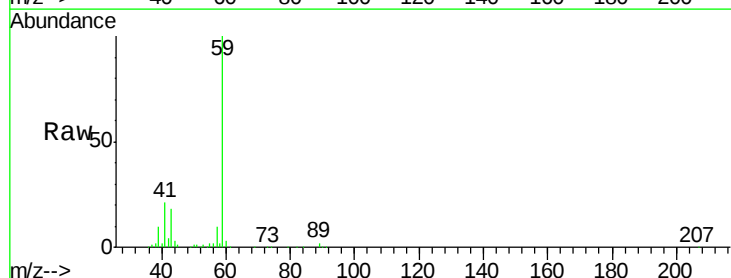
Acq: 21 Sep 2015 12:16

Tgt Ion: 59 Resp: 449170

Ion Ratio Lower Upper

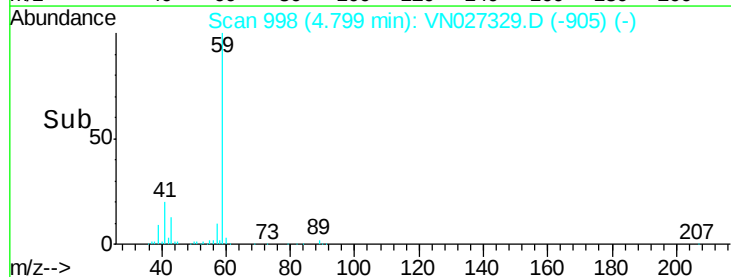
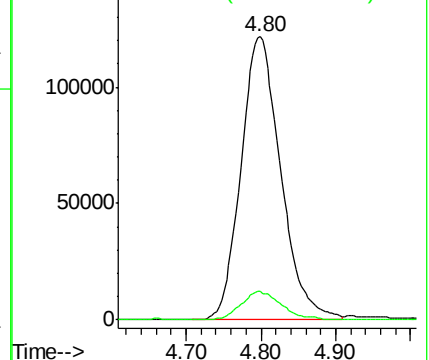
59 100

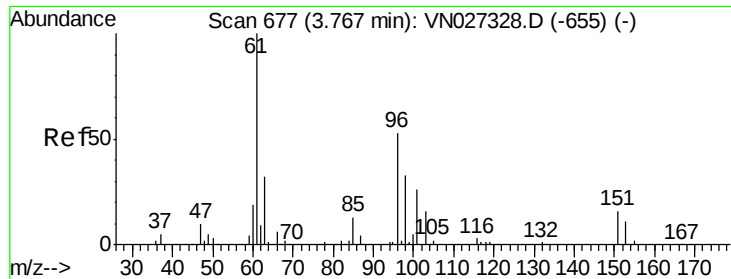
57 10.3 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V

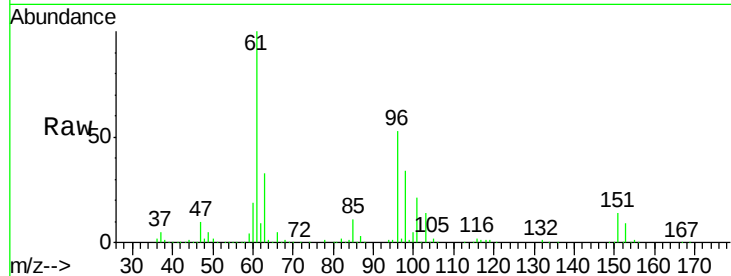




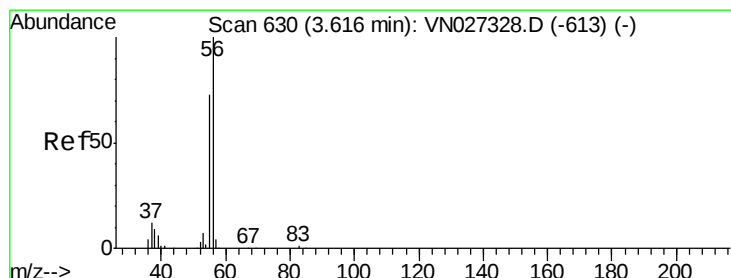
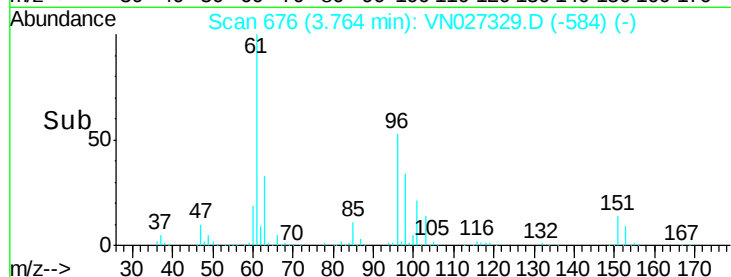
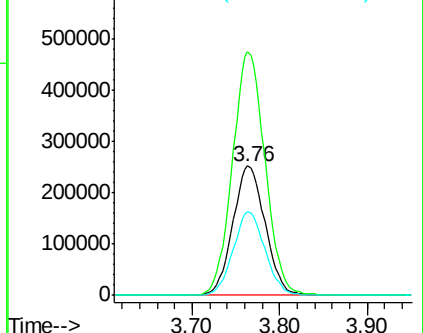
#13
 1,1-Dichloroethene
 Concen: 99.34 ug/l
 RT: 3.76 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 646272
 Ion Ratio Lower Upper
 96 100
 61 188.2 143.8 215.8
 98 64.4 50.3 75.5

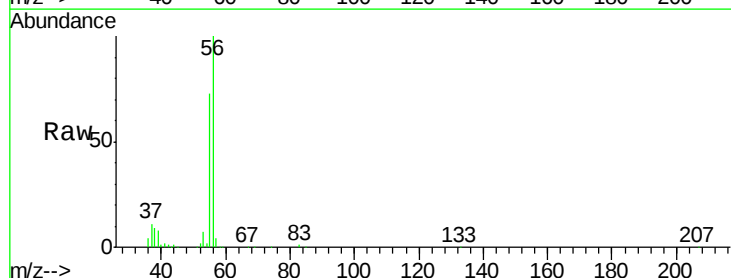


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

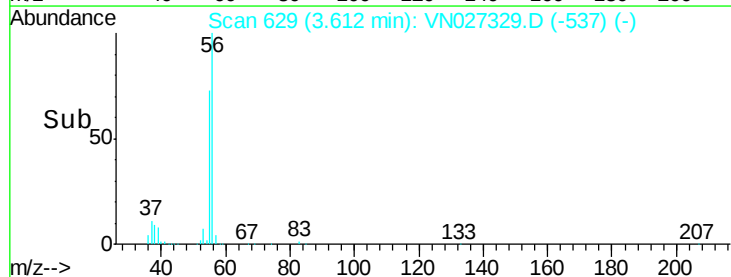
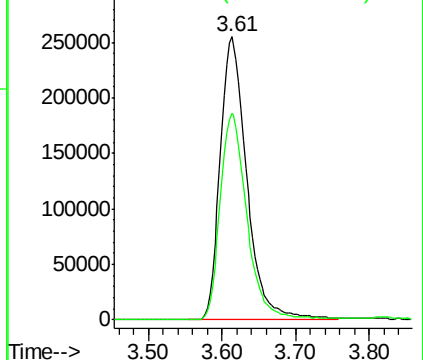


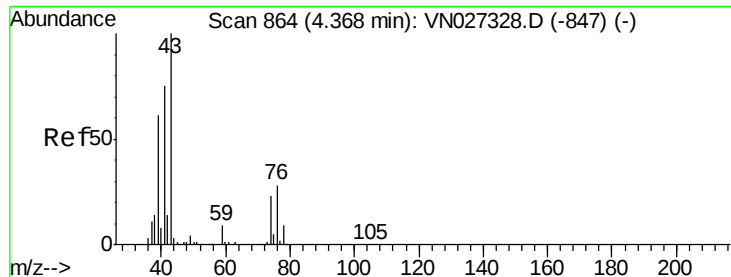
#14
 Acrolein
 Concen: 556.84 ug/l
 RT: 3.61 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 56 Resp: 642299
 Ion Ratio Lower Upper
 56 100
 55 72.3 55.7 83.5



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

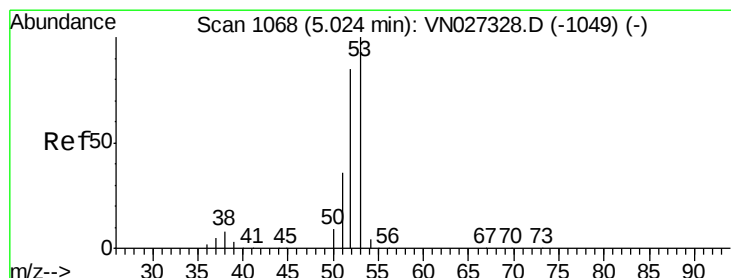
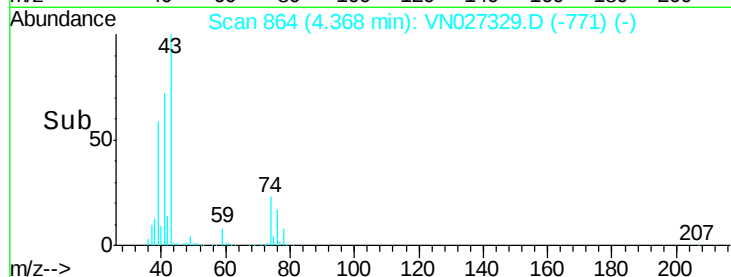
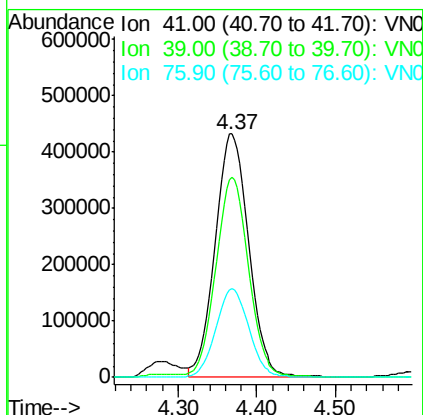
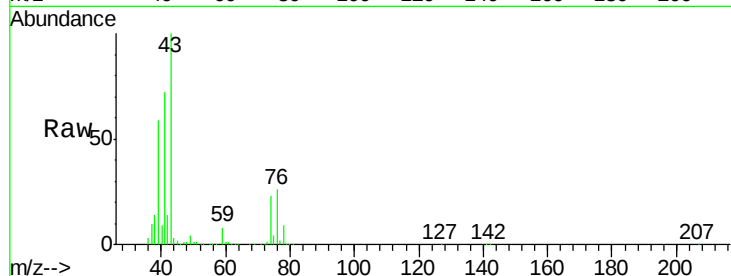




#15
 Allyl chloride
 Concen: 100.03 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

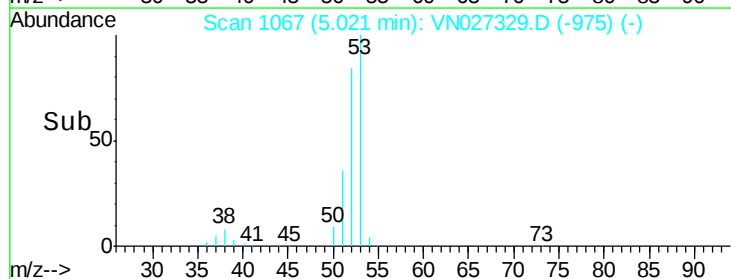
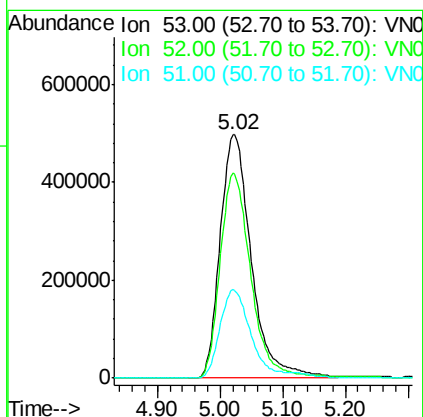
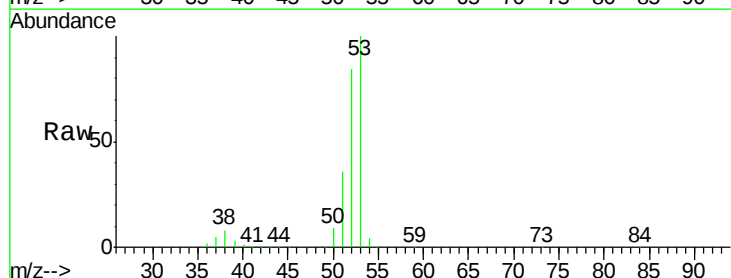
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

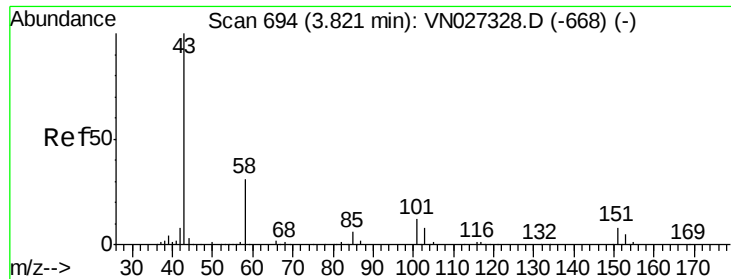
Tgt Ion: 41 Resp: 1269293
 Ion Ratio Lower Upper
 41 100
 39 80.2 49.7 74.5#
 76 35.6 24.8 37.2



#16
 Acrylonitrile
 Concen: 531.35 ug/l
 RT: 5.02 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 53 Resp: 1716520
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.9 100.3
 51 37.3 27.4 41.0





#17

Acetone

Concen: 490.29 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

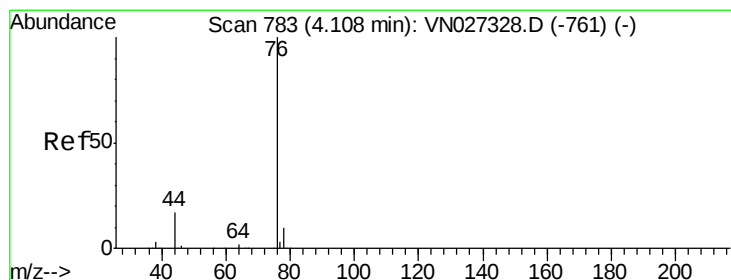
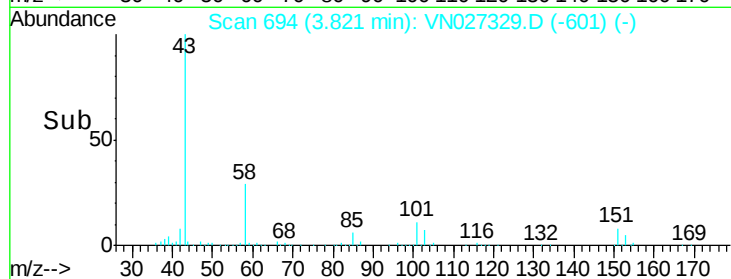
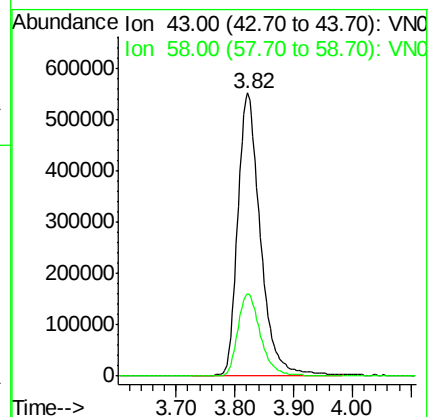
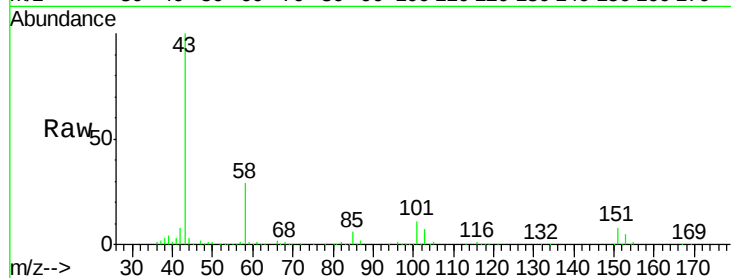
VSTDIC100

Tgt Ion: 43 Resp: 1487595

Ion Ratio Lower Upper

43 100

58 29.0 25.4 38.0



#18

Carbon Disulfide

Concen: 97.43 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027329.D

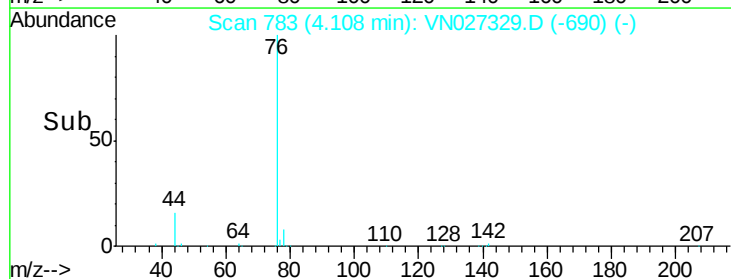
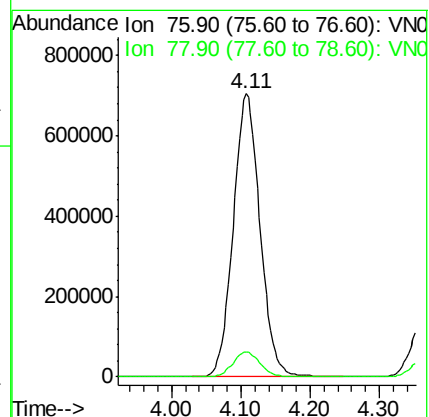
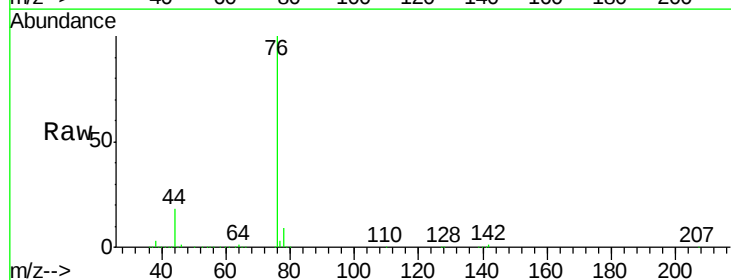
Acq: 21 Sep 2015 12:16

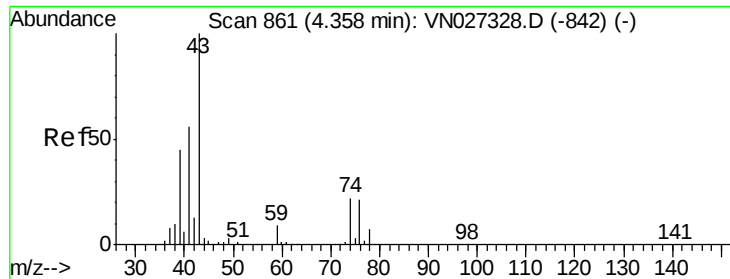
Tgt Ion: 76 Resp: 1897877

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

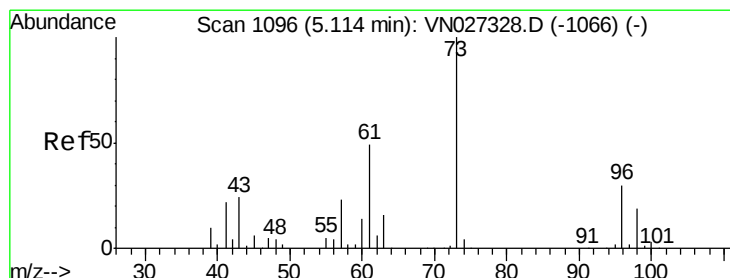
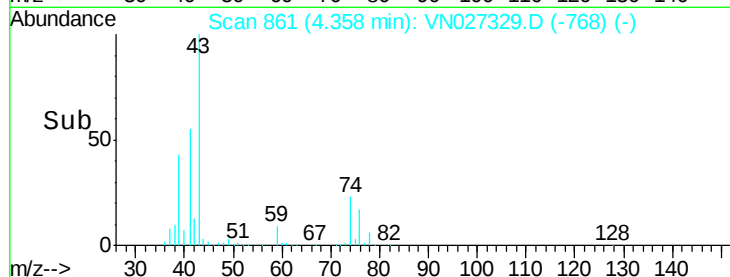
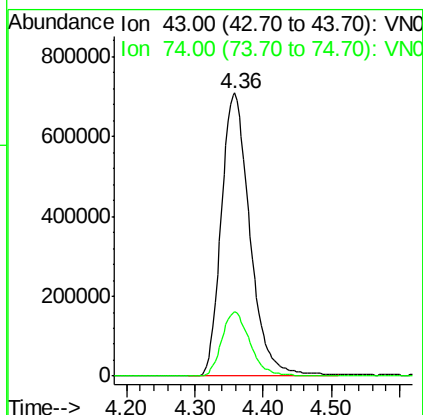
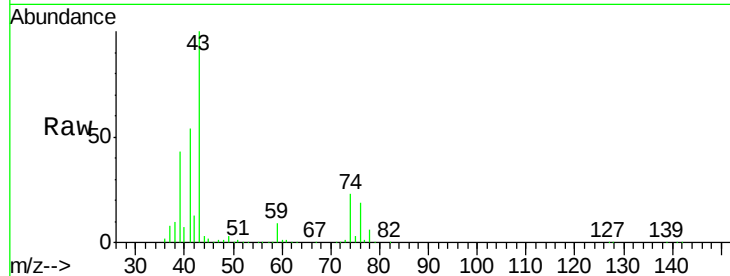




#19
Methyl Acetate
Concen: 109.69 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

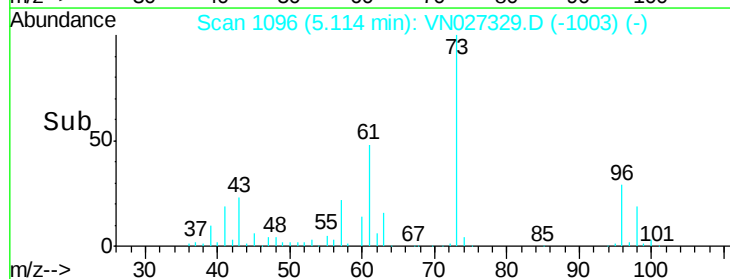
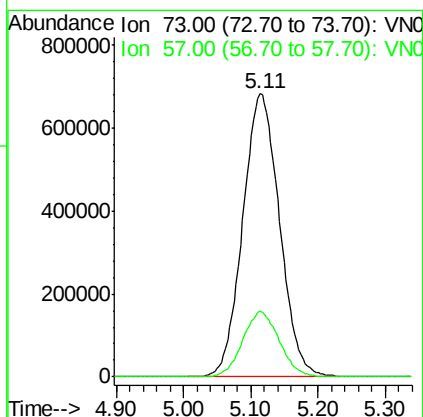
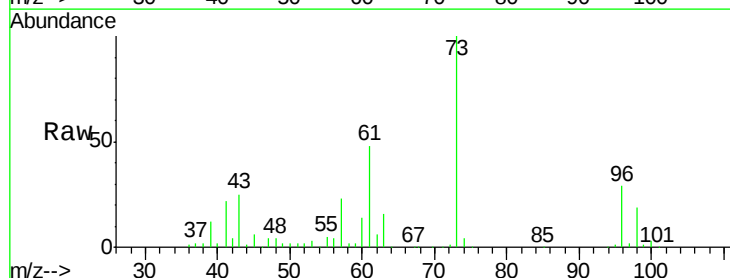
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

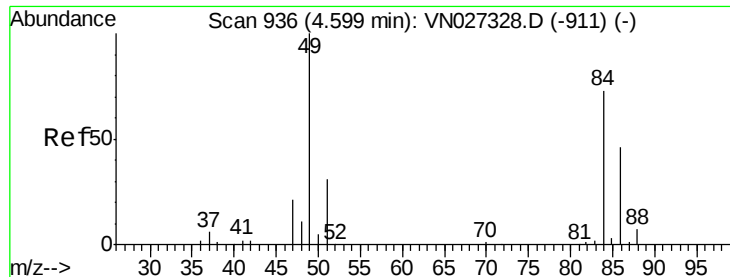
Tgt Ion: 43 Resp: 2064606
Ion Ratio Lower Upper
43 100
74 22.3 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 99.82 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion: 73 Resp: 2592562
Ion Ratio Lower Upper
73 100
57 23.1 19.8 29.6

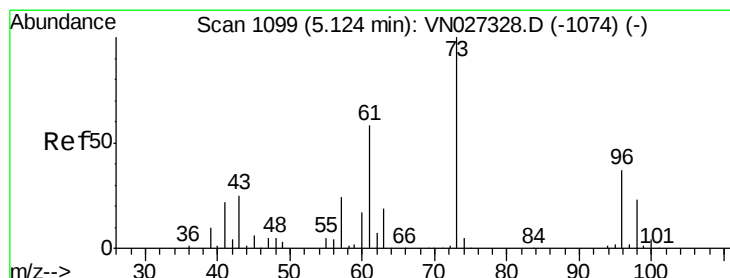
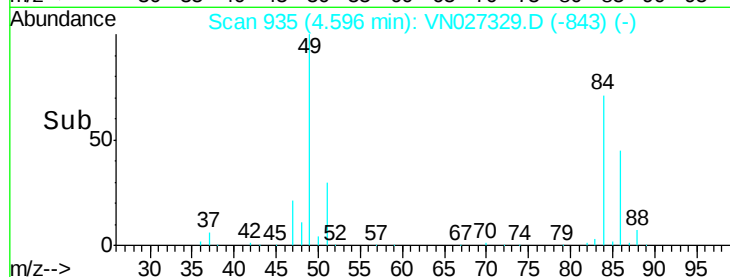
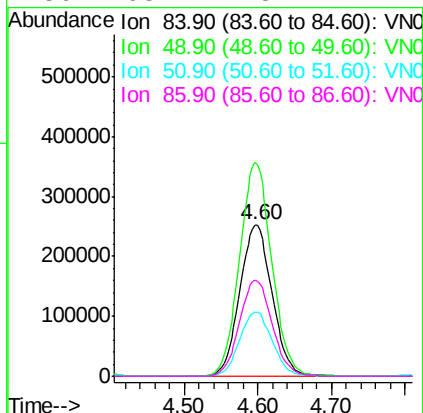
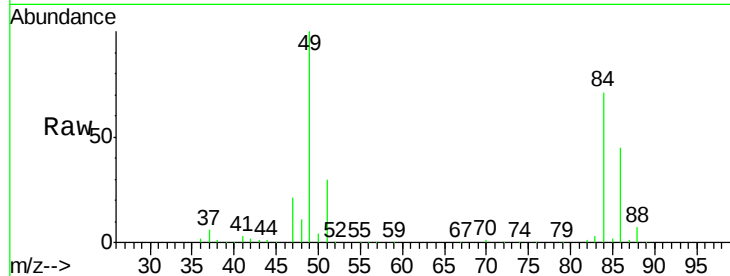




#21
Methylene Chloride
Concen: 95.61 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

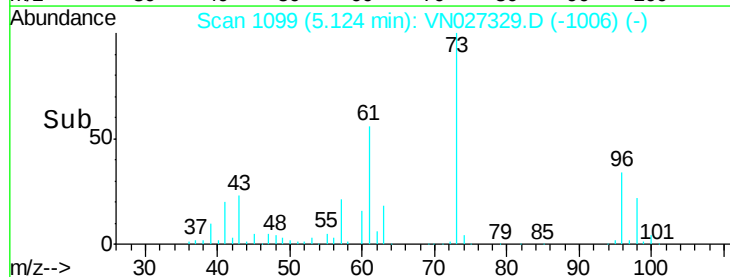
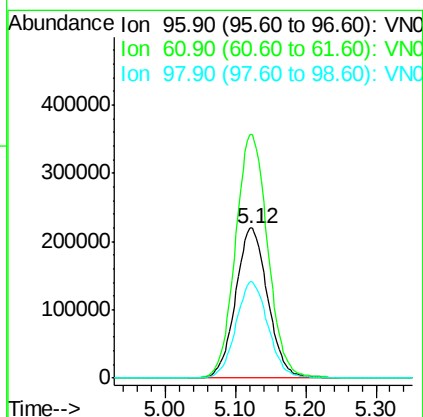
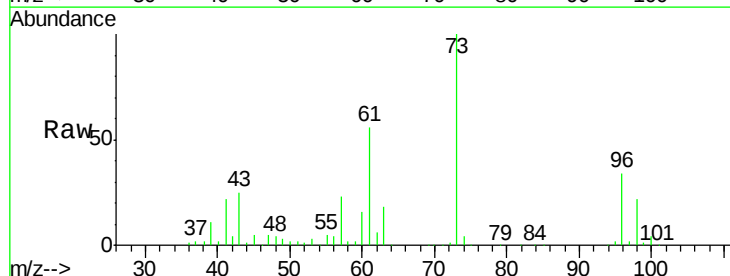
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

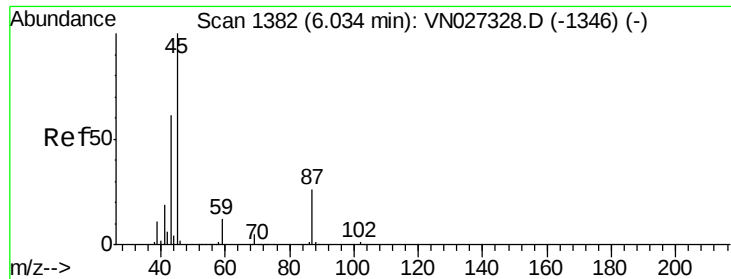
Tgt Ion: 84 Resp: 772330
Ion Ratio Lower Upper
84 100
49 141.2 112.3 168.5
51 42.4 33.8 50.8
86 63.1 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 97.88 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion: 96 Resp: 700094
Ion Ratio Lower Upper
96 100
61 162.6 126.6 189.8
98 64.4 47.4 71.2



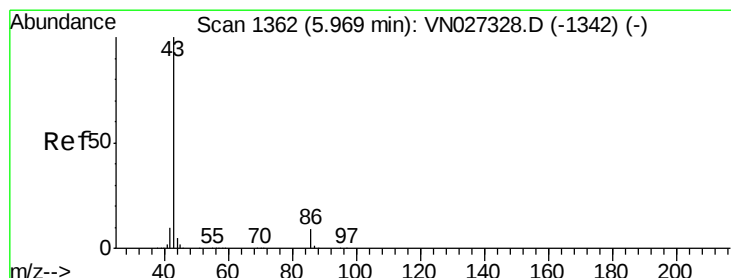
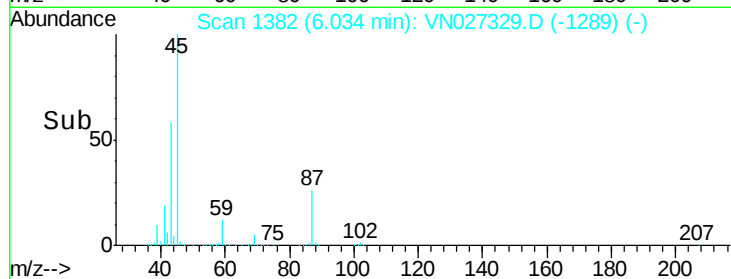
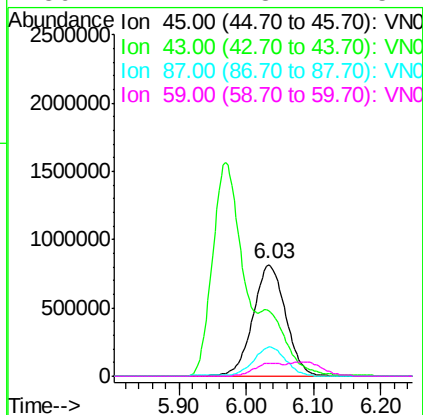
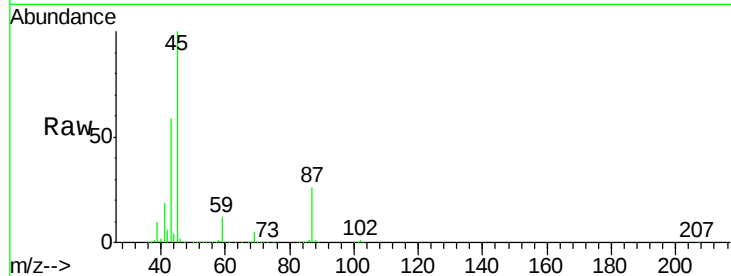


#23
 Diisopropyl ether
 Concen: 100.10 ug/l
 RT: 6.03 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion: 45 Resp: 2762215

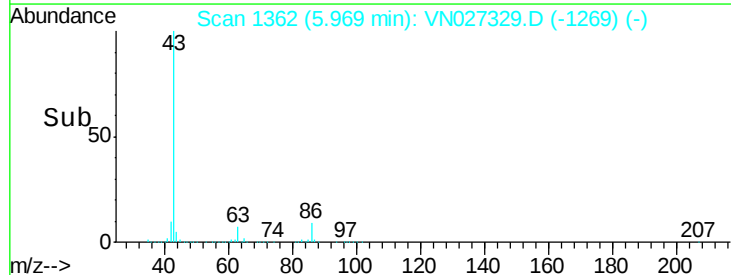
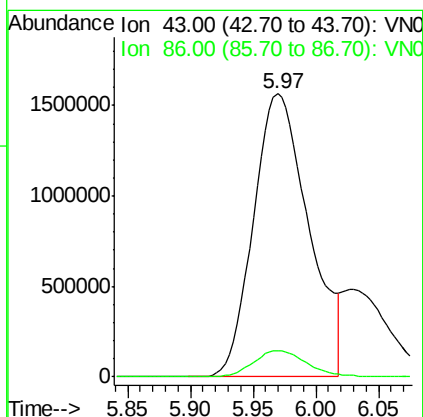
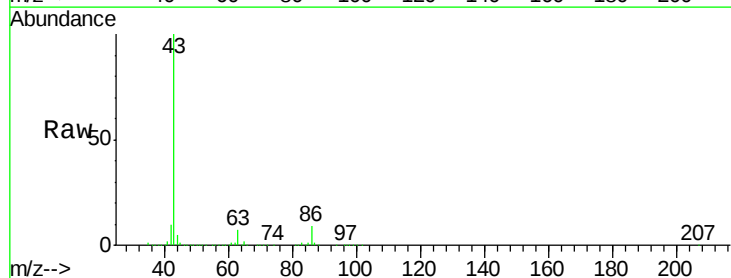
Ion	Ratio	Lower	Upper
45	100		
43	58.0	41.0	61.6
87	26.1	17.5	26.3
59	11.4	8.7	13.1

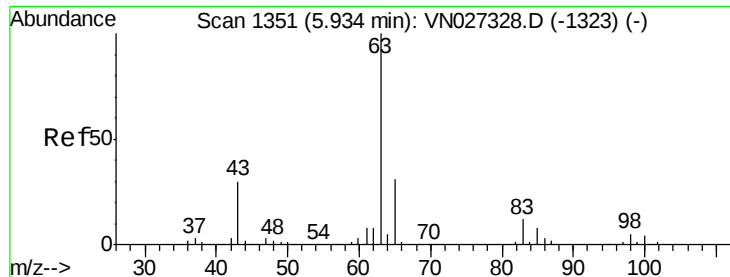


#24
 Vinyl Acetate
 Concen: 509.45 ug/l
 RT: 5.97 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 43 Resp: 4811335

Ion	Ratio	Lower	Upper
43	100		
86	9.1	6.9	10.3



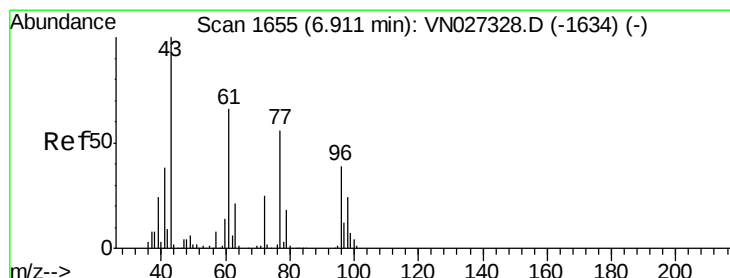
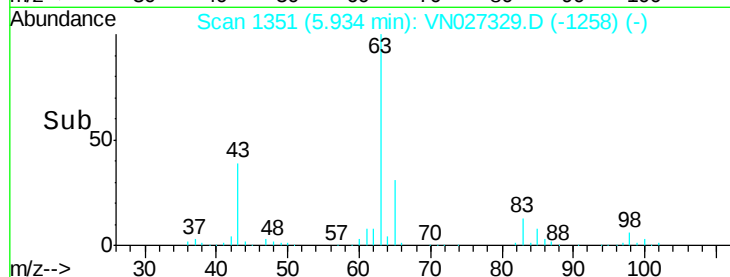
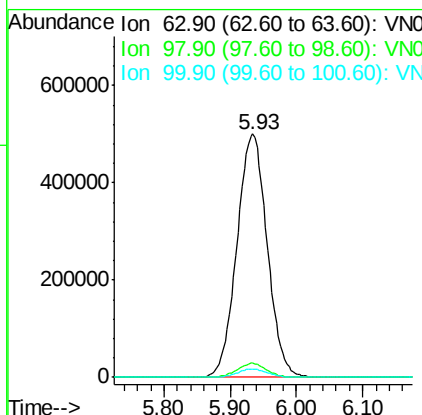
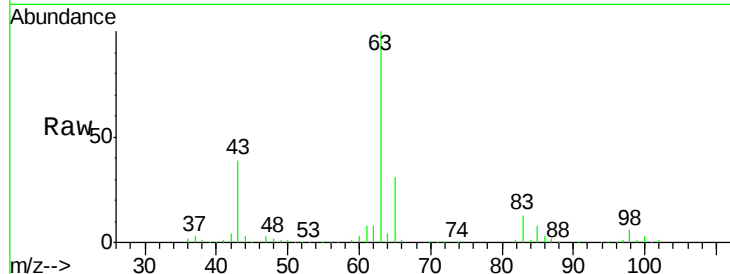


#25
 1,1-Dichloroethane
 Concen: 98.63 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 1586077

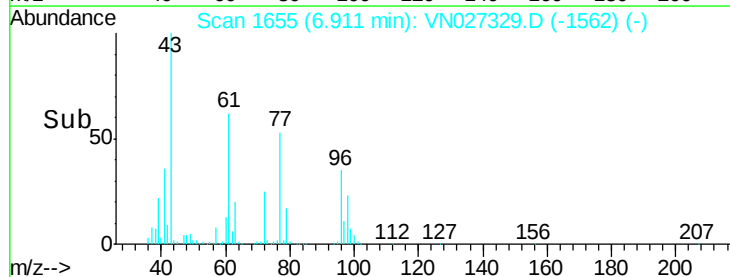
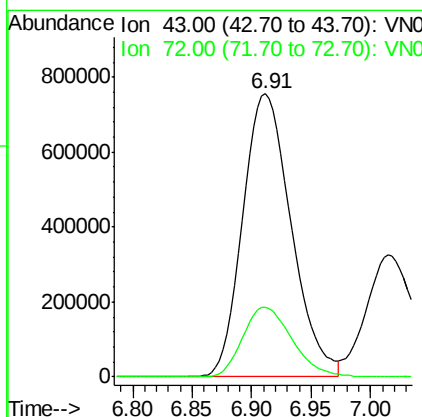
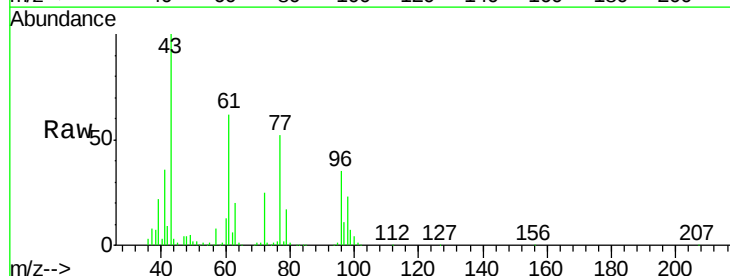
Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.8	8.3
100	3.3	1.7	5.0

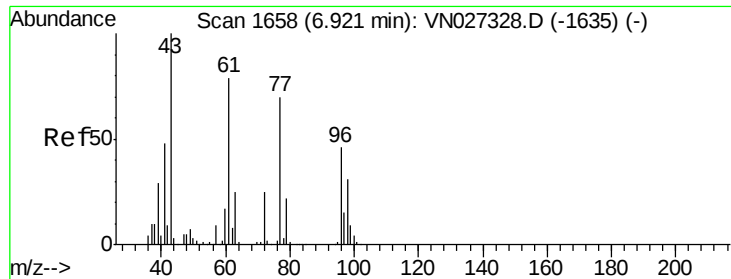


#26
 2-Butanone
 Concen: 534.58 ug/l
 RT: 6.91 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 43 Resp: 2124069

Ion	Ratio	Lower	Upper
43	100		
72	24.6	18.8	28.2

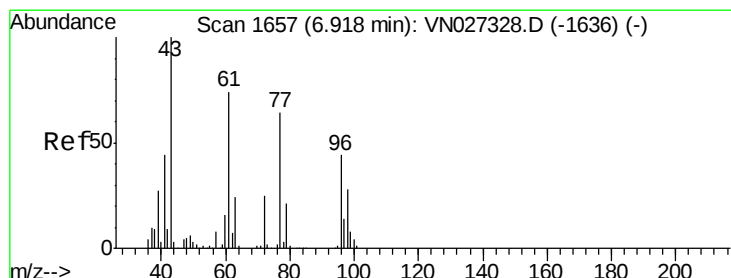
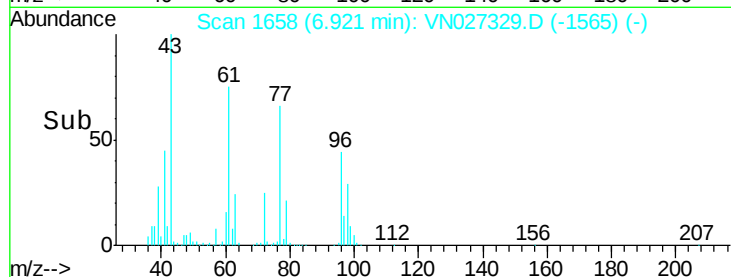
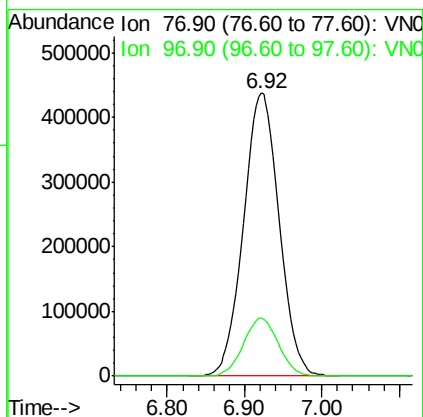
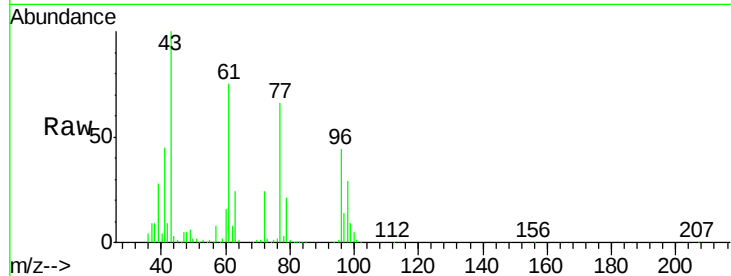




#27
 2,2-Dichloropropane
 Concen: 101.13 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

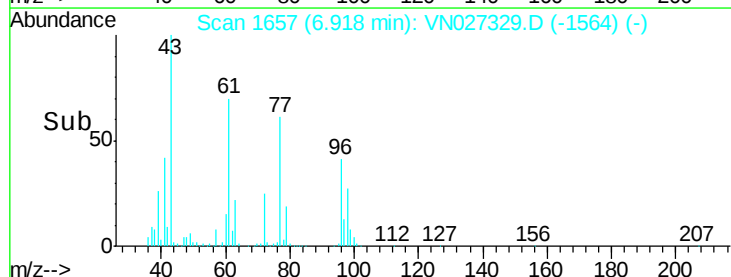
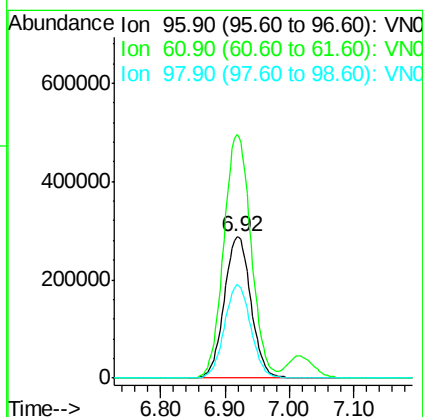
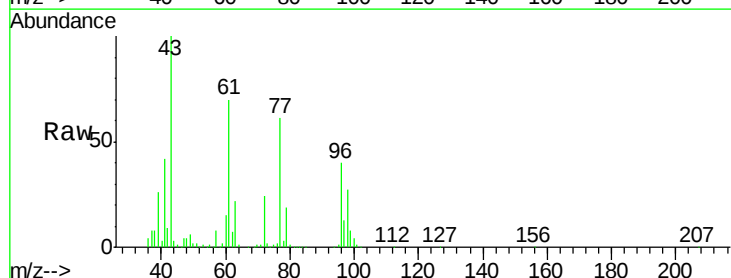
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

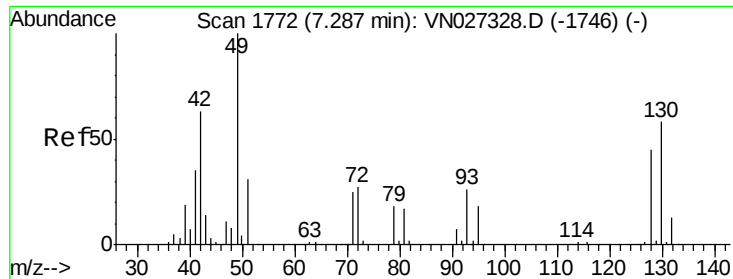
Tgt Ion: 77 Resp: 1401248
 Ion Ratio Lower Upper
 77 100
 97 20.2 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 97.95 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 96 Resp: 827752
 Ion Ratio Lower Upper
 96 100
 61 175.5 0.0 329.2
 98 65.4 0.0 126.0

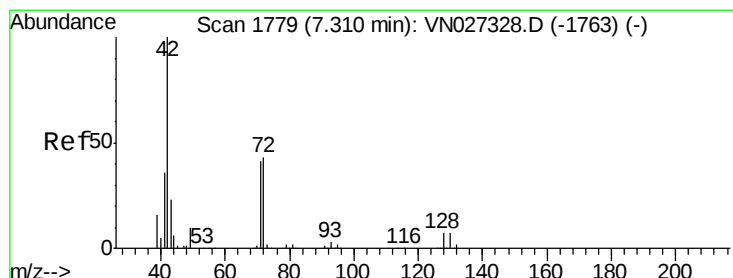
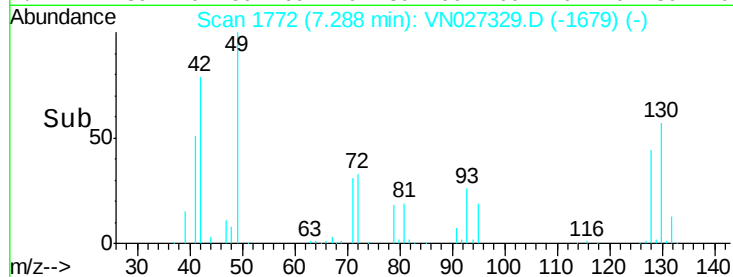
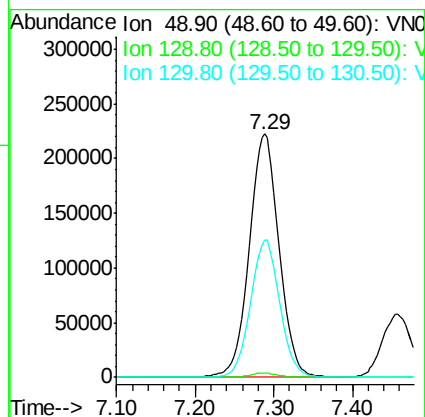
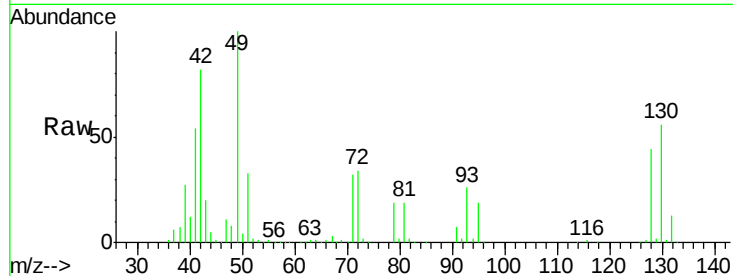




#29
Bromochloromethane
Concen: 94.94 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

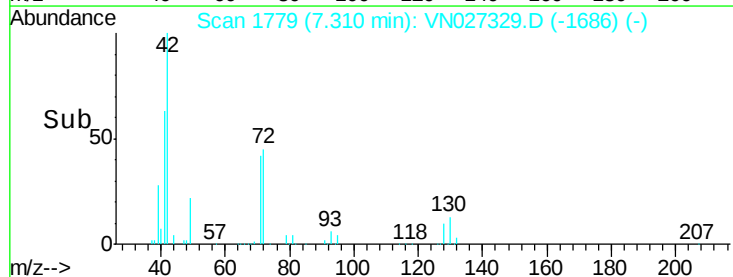
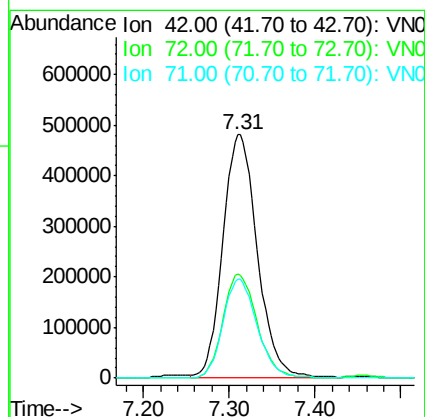
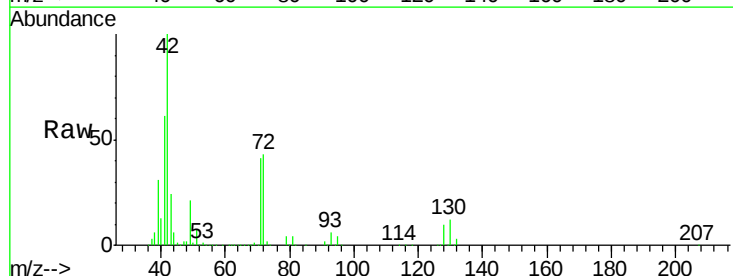
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

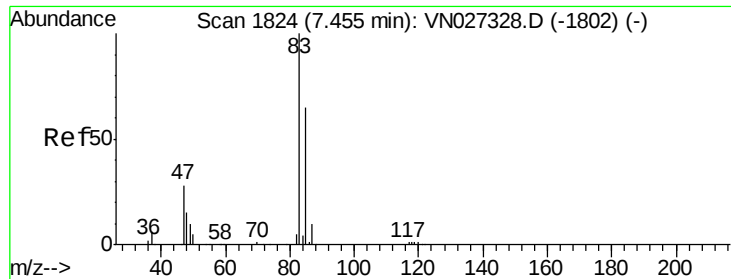
Tgt Ion: 49 Resp: 598976
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 55.4 43.2 64.8



#30
Tetrahydrofuran
Concen: 528.52 ug/l
RT: 7.31 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion: 42 Resp: 1331158
Ion Ratio Lower Upper
42 100
72 42.9 29.9 44.9
71 40.7 28.3 42.5





#31

Chloroform

Concen: 99.66 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

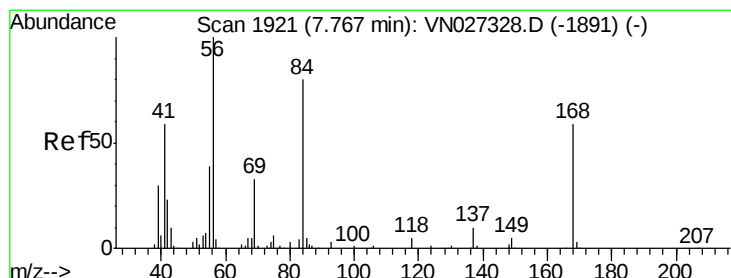
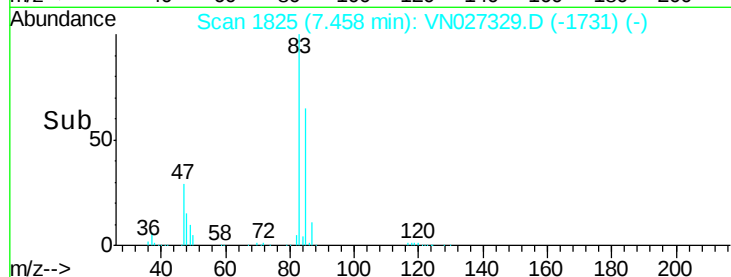
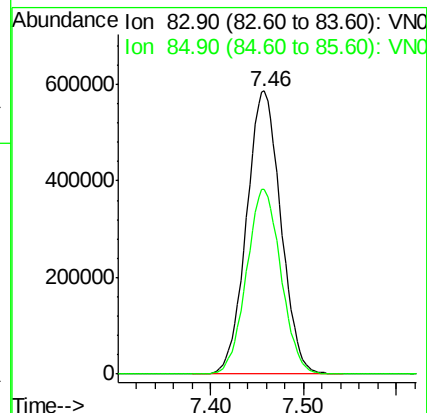
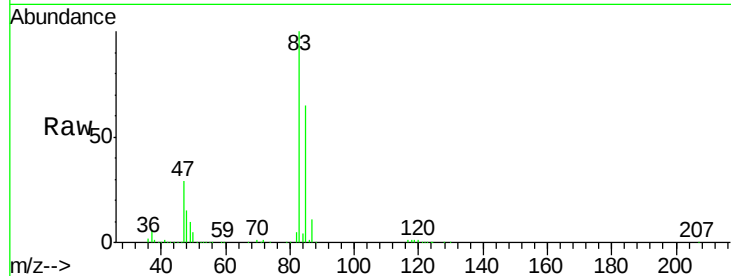
VSTDIC100

Tgt Ion: 83 Resp: 1505237

Ion Ratio Lower Upper

83 100

85 65.1 51.1 76.7



#32

Cyclohexane

Concen: 101.66 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

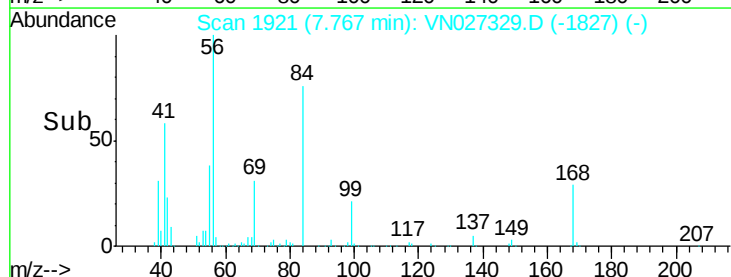
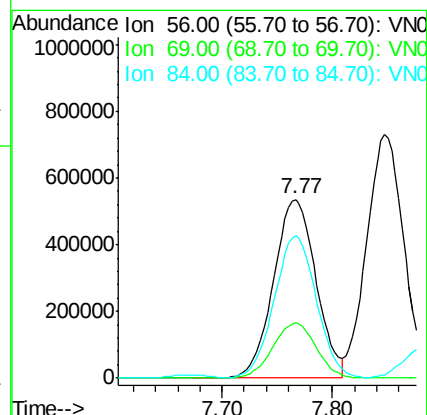
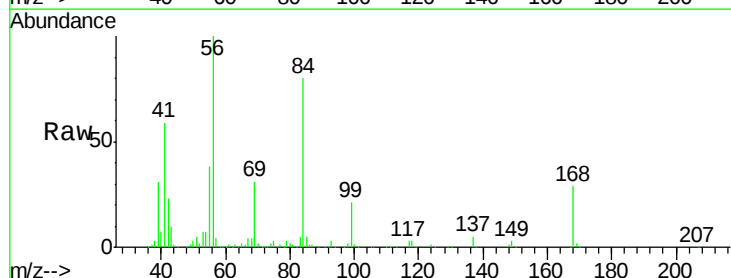
Tgt Ion: 56 Resp: 1432036

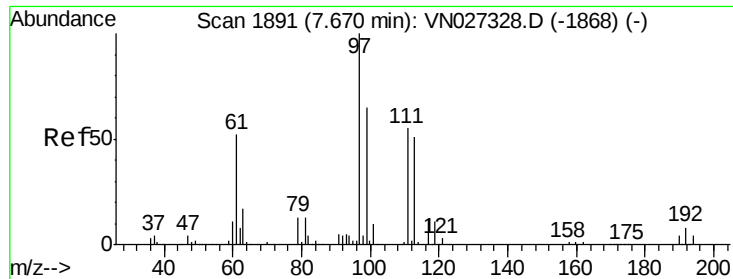
Ion Ratio Lower Upper

56 100

69 30.7 23.0 34.4

84 78.2 57.8 86.8

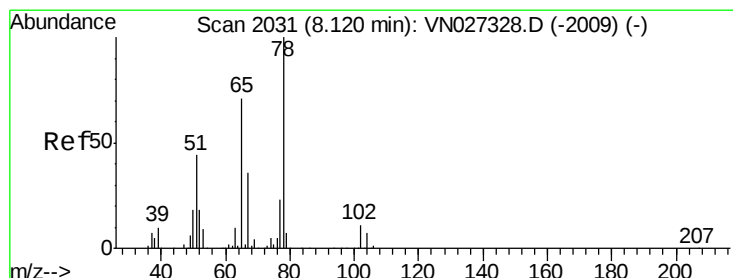
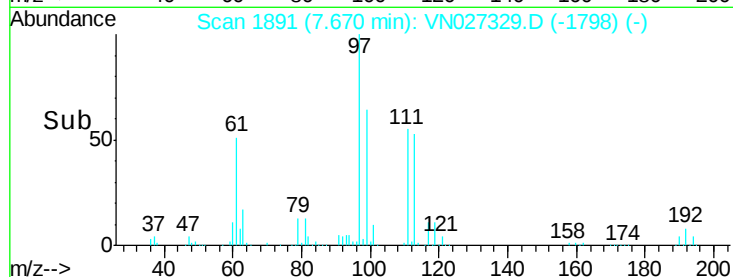
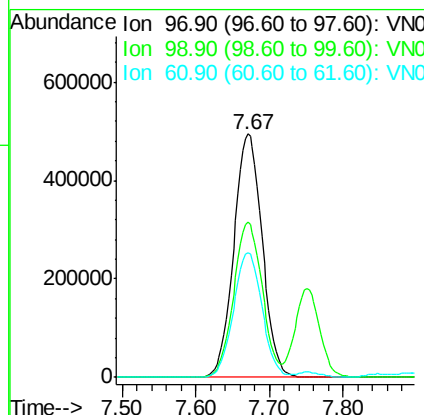
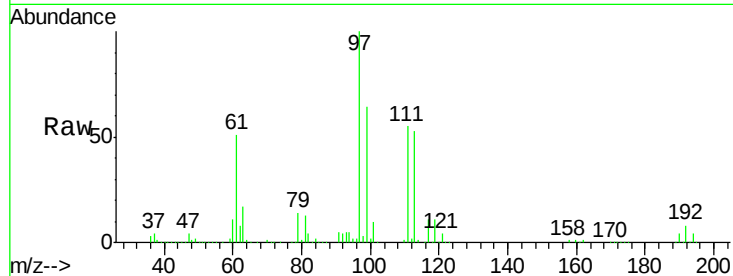




#33
 1,1,1-Trichloroethane
 Concen: 98.83 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

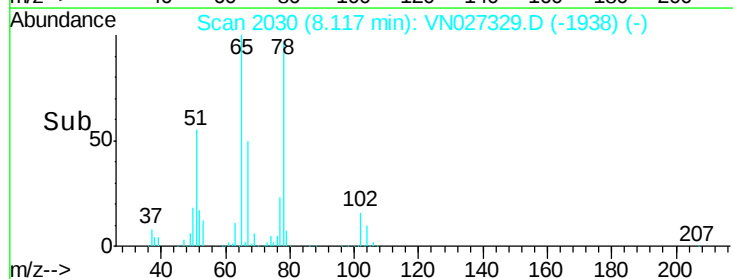
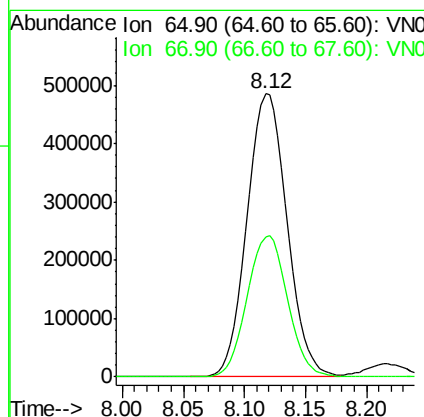
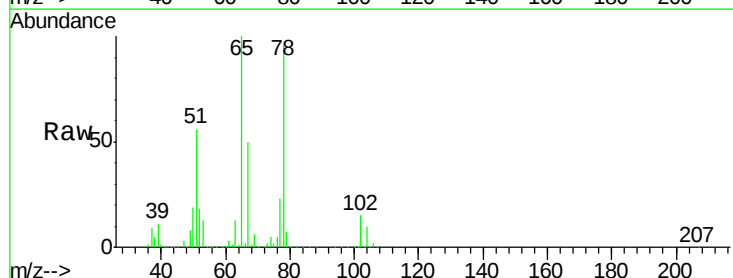
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

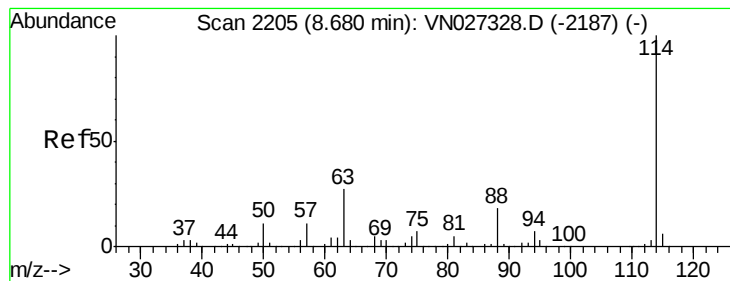
Tgt Ion: 97 Resp: 1322731
 Ion Ratio Lower Upper
 97 100
 99 64.1 50.1 75.1
 61 51.6 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 98.98 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 65 Resp: 1103899
 Ion Ratio Lower Upper
 65 100
 67 50.4 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: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

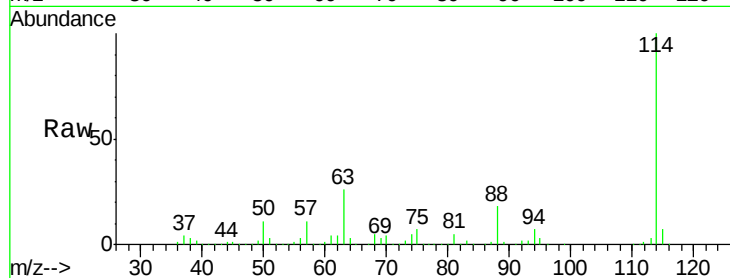
Tgt Ion:114 Resp: 1065062

Ion Ratio Lower Upper

114 100

63 26.1 0.0 48.8

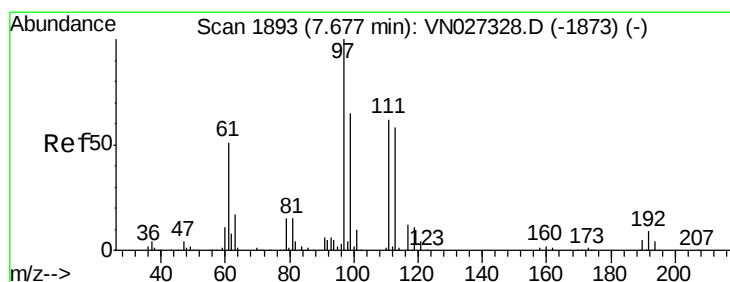
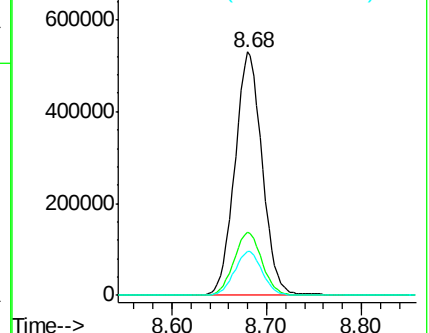
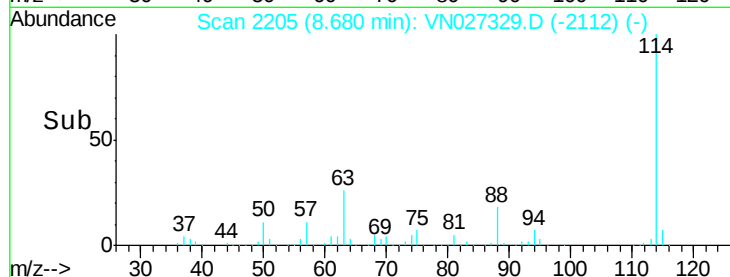
88 18.0 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#36

Dibromofluoromethane

Concen: 99.79 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

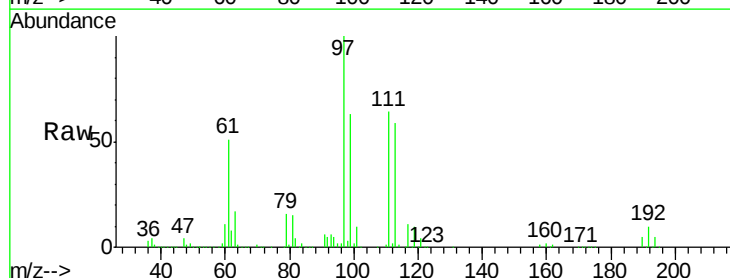
Tgt Ion:113 Resp: 693467

Ion Ratio Lower Upper

113 100

111 105.6 83.0 124.4

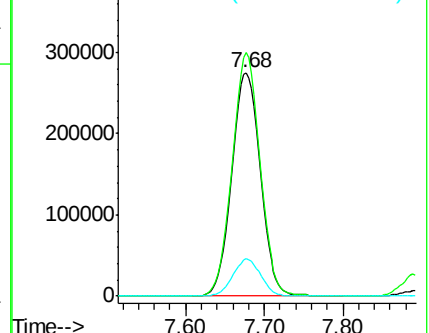
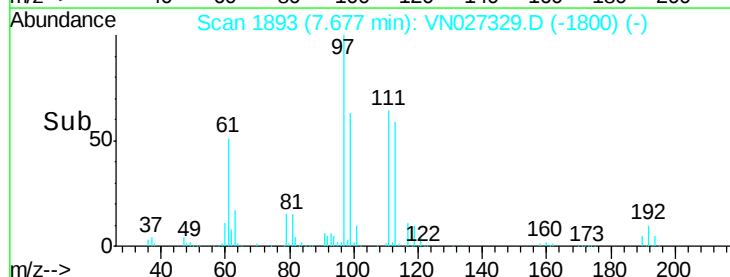
192 16.3 14.1 21.1

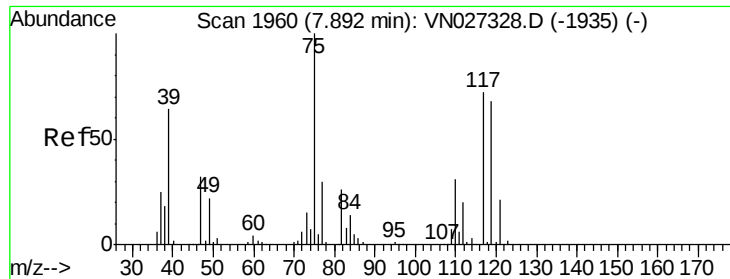


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

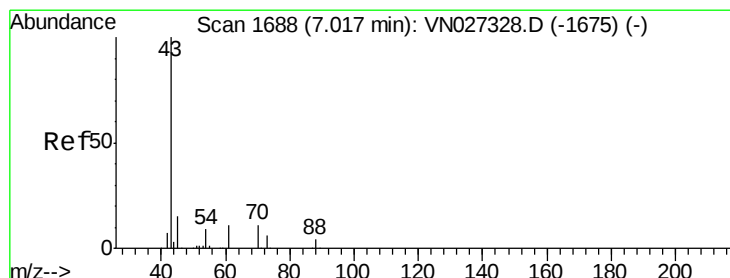
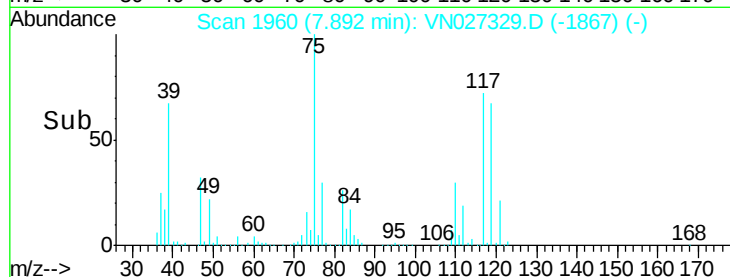
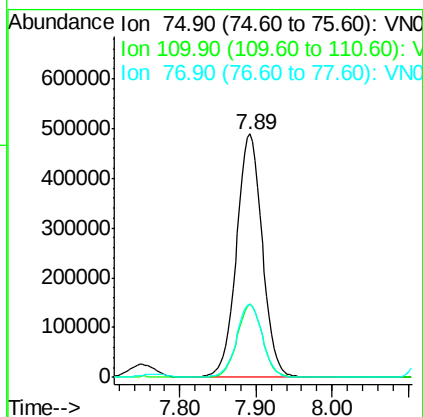
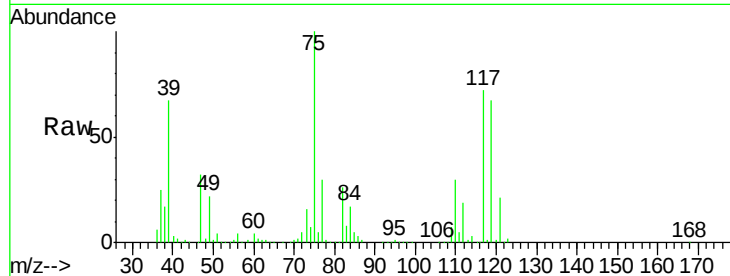




#37
 1,1-Dichloropropene
 Concen: 99.62 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

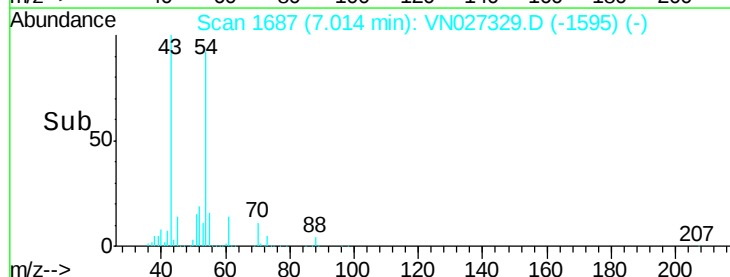
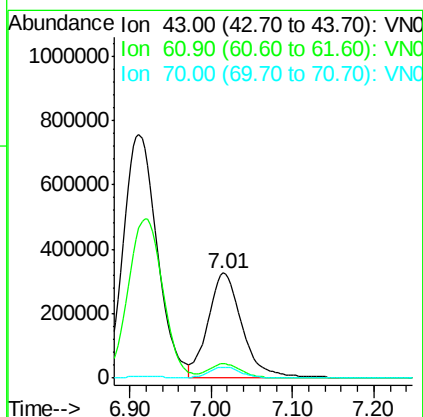
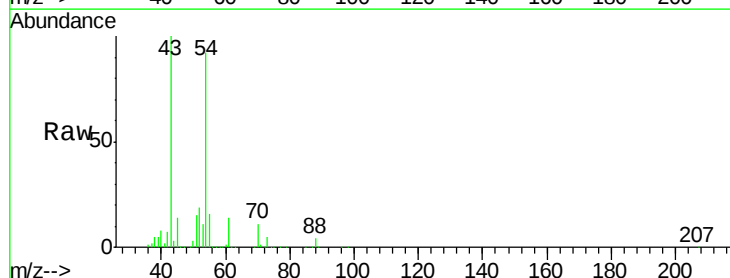
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

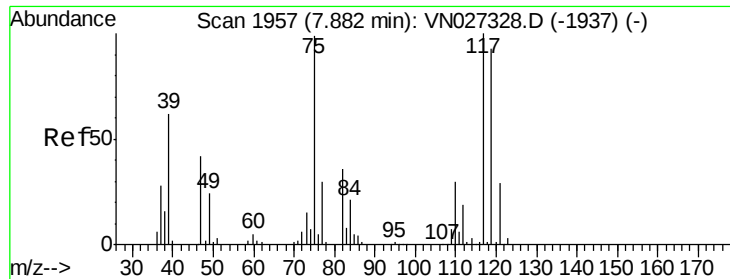
Tgt Ion: 75 Resp: 1143520
 Ion Ratio Lower Upper
 75 100
 110 29.6 15.9 47.7
 77 30.1 24.9 37.3



#38
 Ethyl Acetate
 Concen: 106.48 ug/l
 RT: 7.01 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 43 Resp: 943776
 Ion Ratio Lower Upper
 43 100
 61 13.4 10.2 15.4
 70 10.0 7.4 11.0





#39

Carbon Tetrachloride

Concen: 98.18 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

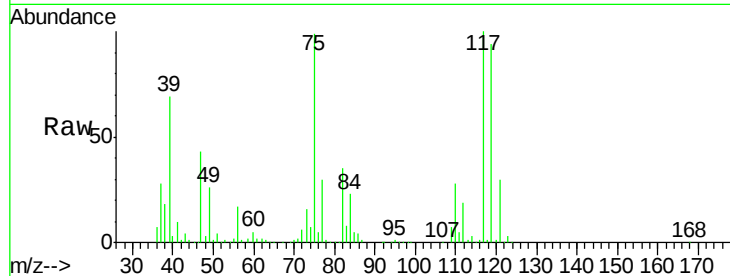
Tgt Ion:117 Resp: 1060547

Ion Ratio Lower Upper

117 100

119 94.0 75.3 112.9

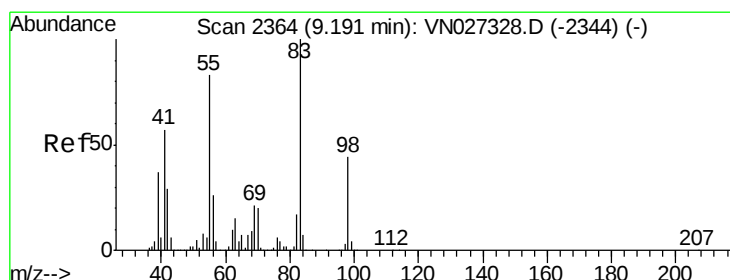
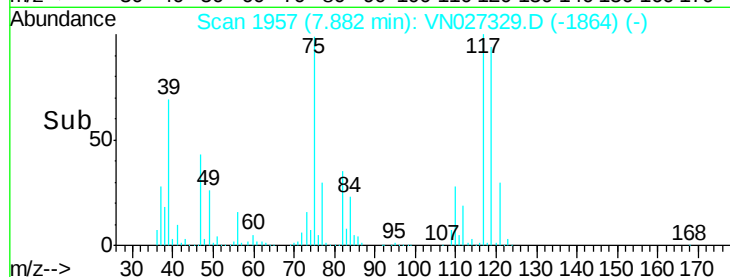
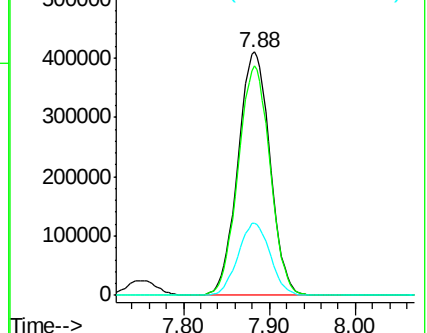
121 29.9 23.8 35.8



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: 97.78 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

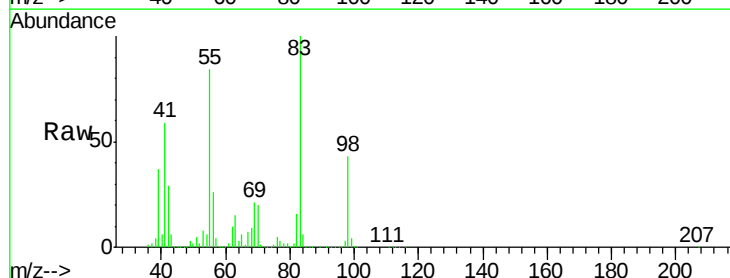
Tgt Ion: 83 Resp: 1333200

Ion Ratio Lower Upper

83 100

55 83.8 69.8 104.8

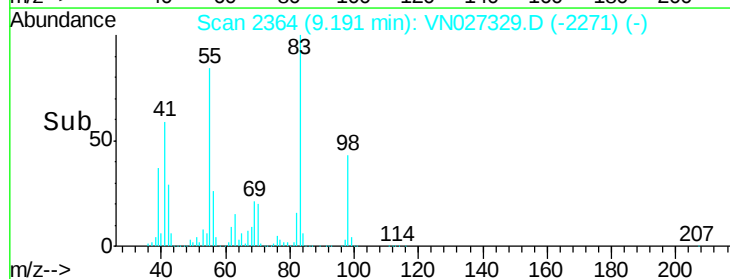
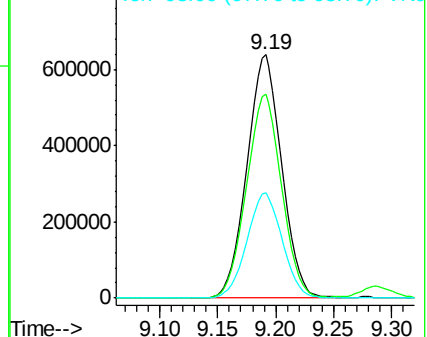
98 43.3 34.3 51.5

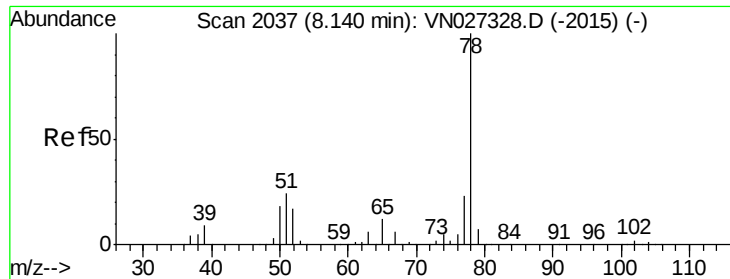


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 98.10 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

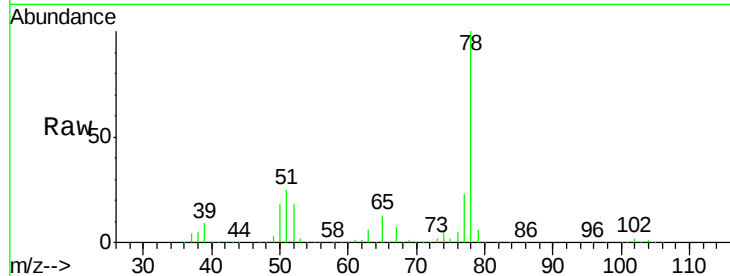
VSTDIC100

Tgt Ion: 78 Resp: 3268029

Ion Ratio Lower Upper

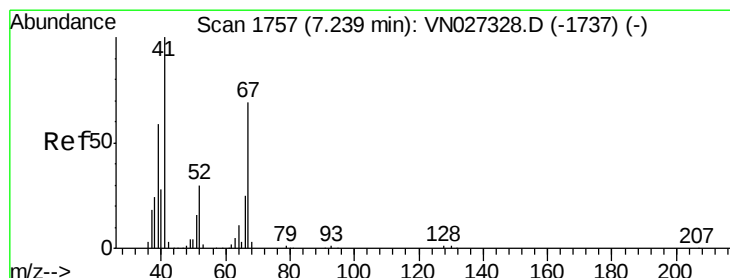
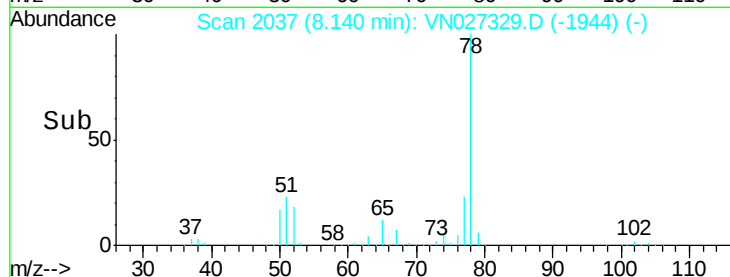
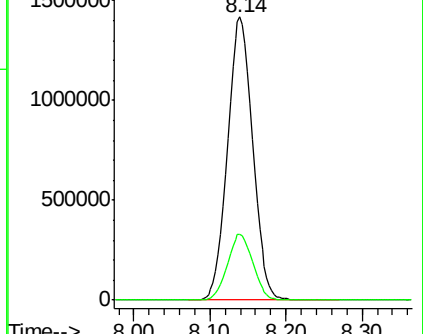
78 100

77 23.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

Methacrylonitrile

Concen: 107.01 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Tgt Ion: 41 Resp: 559902

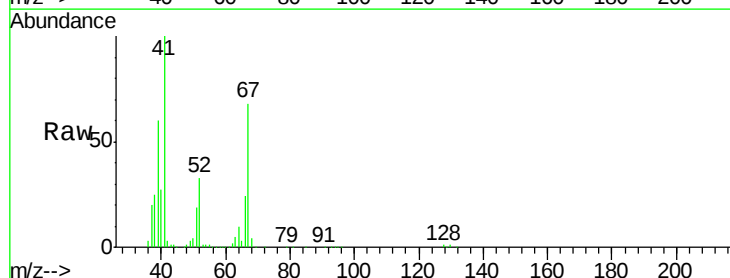
Ion Ratio Lower Upper

41 100

39 58.1 43.0 64.6

67 70.2 52.2 78.2

52 32.2 21.3 31.9#

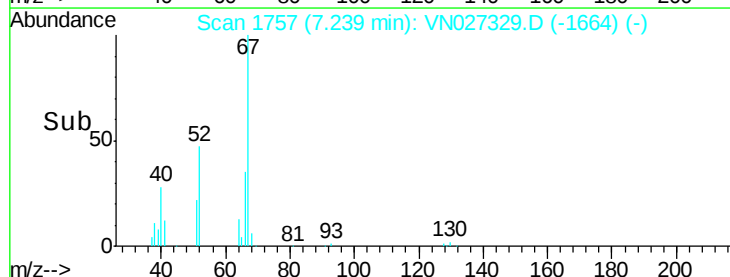
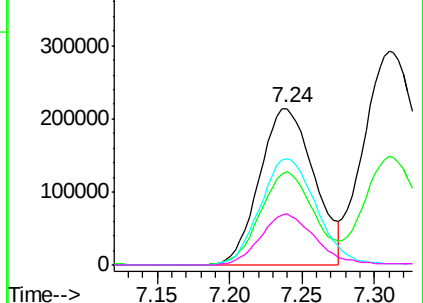


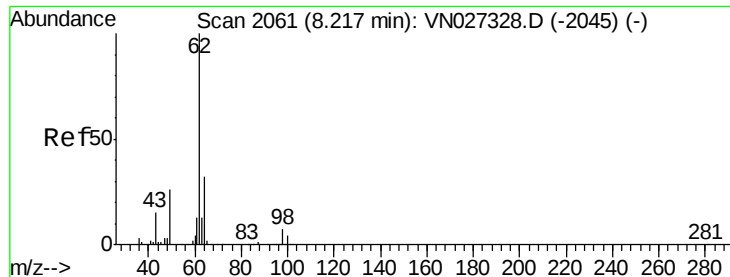
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

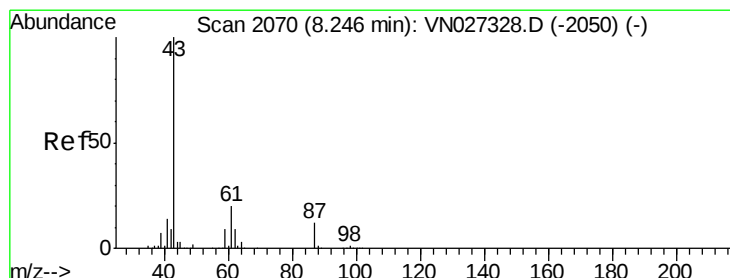
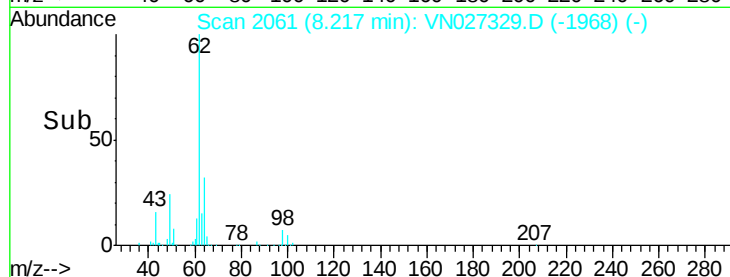
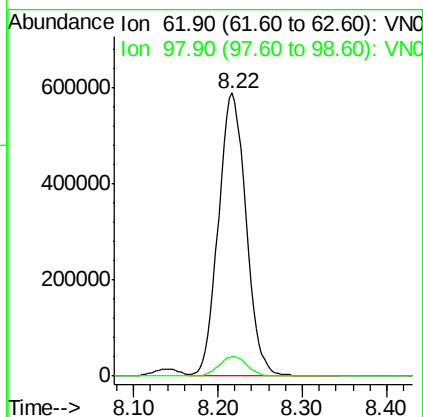
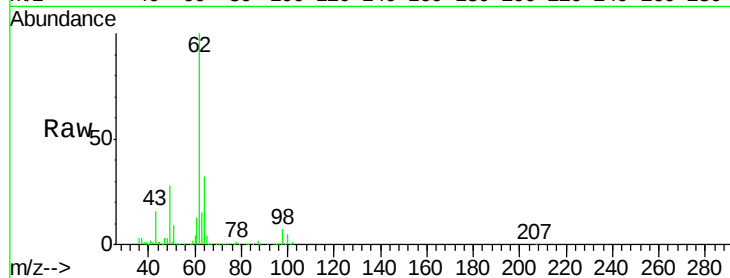




#43
 1,2-Dichloroethane
 Concen: 98.62 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

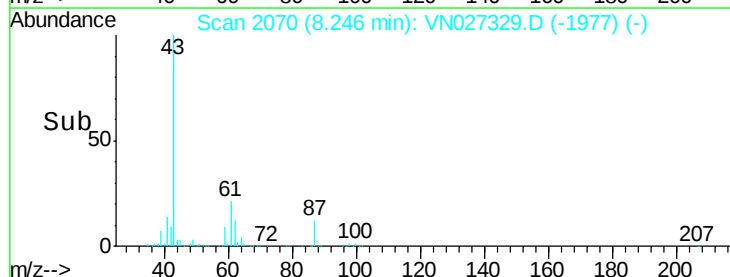
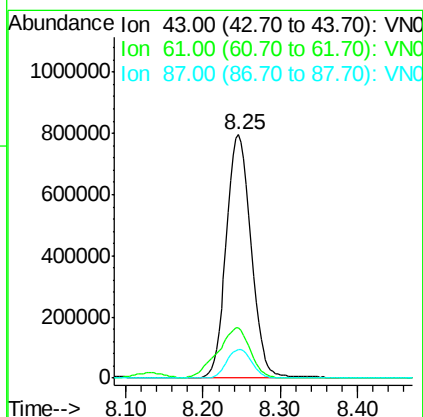
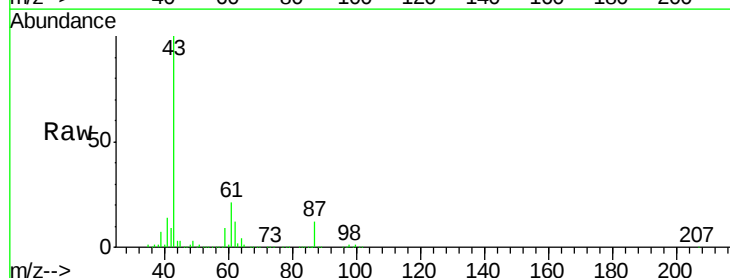
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

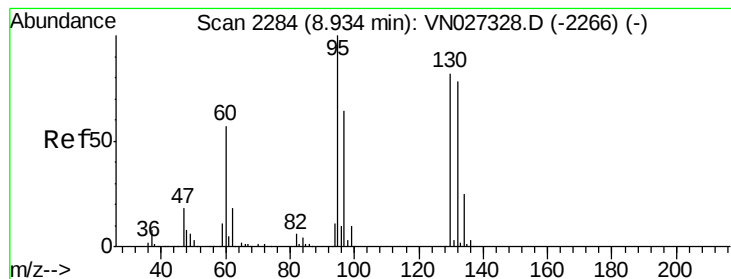
Tgt Ion: 62 Resp: 1339485
 Ion Ratio Lower Upper
 62 100
 98 7.1 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 104.04 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 43 Resp: 1762524
 Ion Ratio Lower Upper
 43 100
 61 27.0 20.6 31.0
 87 12.0 8.6 13.0





#45

Trichloroethene

Concen: 97.91 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

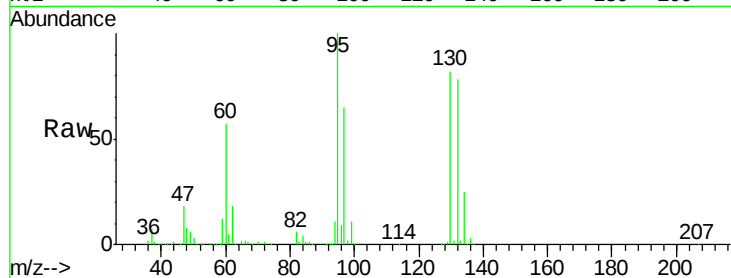
VSTDIC100

Tgt Ion: 130 Resp: 653455

Ion Ratio Lower Upper

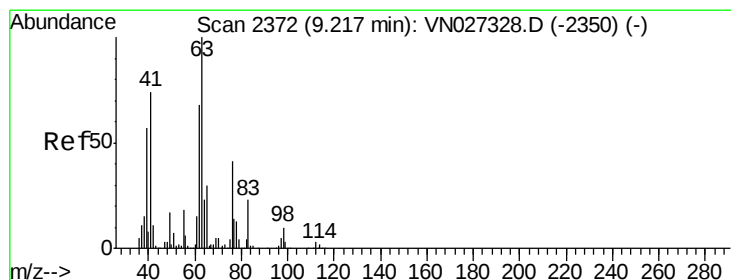
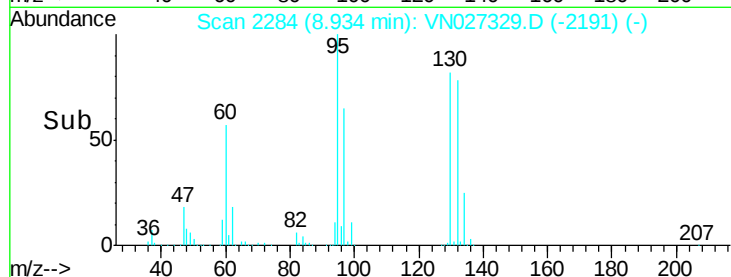
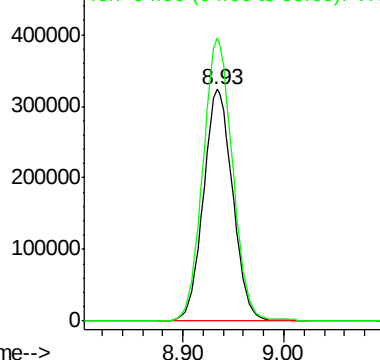
130 100

95 122.0 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#46

1,2-Dichloropropane

Concen: 98.85 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027329.D

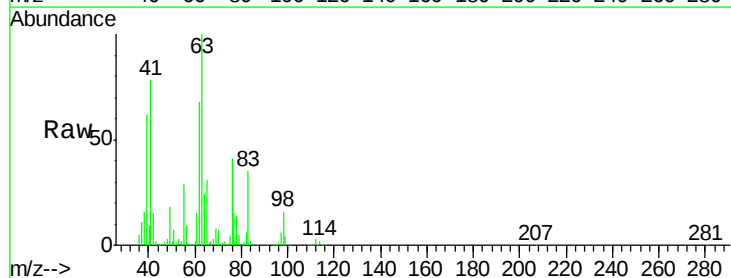
Acq: 21 Sep 2015 12:16

Tgt Ion: 63 Resp: 921754

Ion Ratio Lower Upper

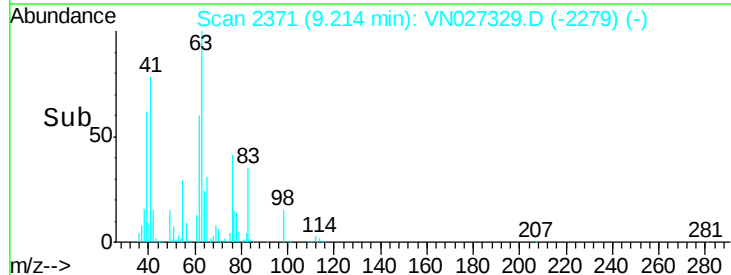
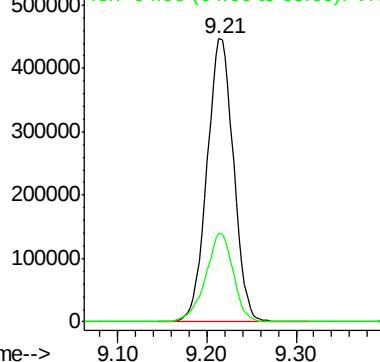
63 100

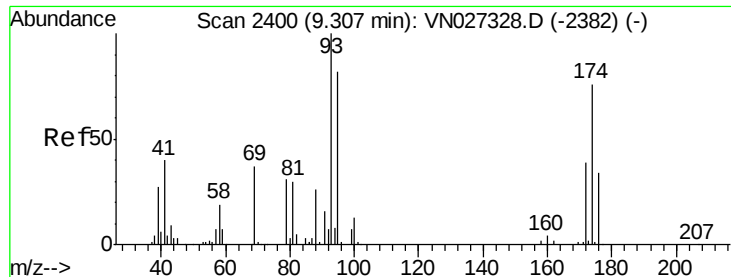
65 31.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#47

Dibromomethane

Concen: 98.73 ug/l

RT: 9.30 min Scan# 2399

Delta R.T. -0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

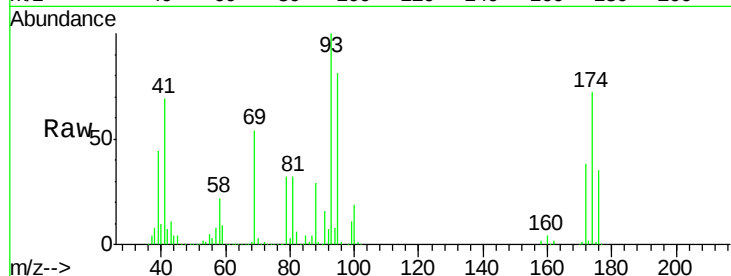
Tgt Ion: 93 Resp: 552496

Ion Ratio Lower Upper

93 100

95 81.1 66.3 99.5

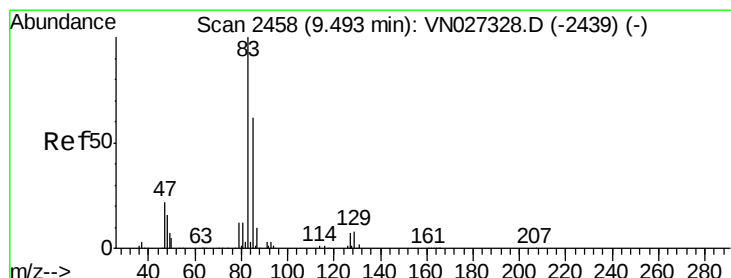
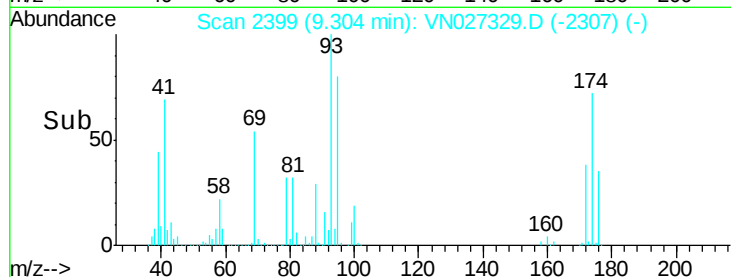
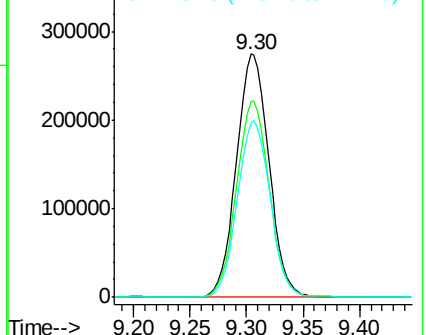
174 73.4 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN027328.D (-2382) (-)

Ion 94.80 (94.50 to 95.50): VN027328.D (-2382) (-)

Ion 173.70 (173.40 to 174.40): VN027328.D (-2382) (-)



#48

Bromodichloromethane

Concen: 101.03 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

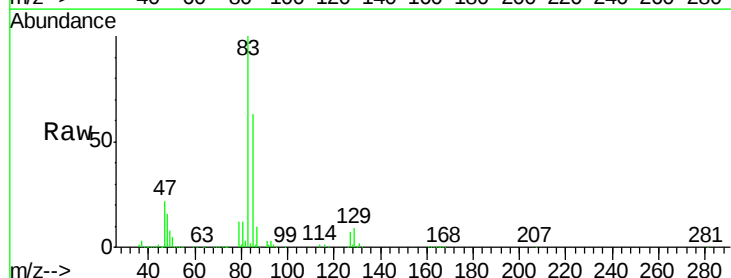
Tgt Ion: 83 Resp: 1199072

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

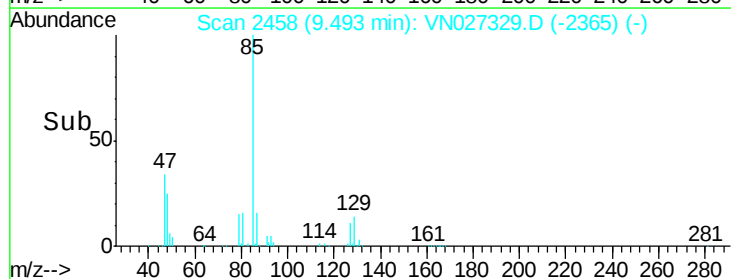
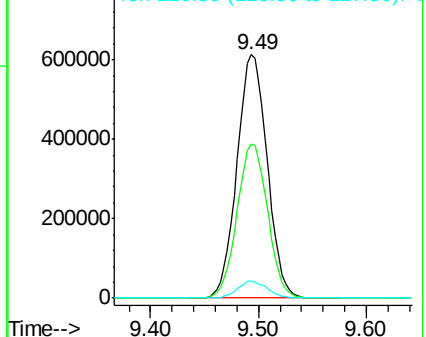
127 6.9 5.5 8.3

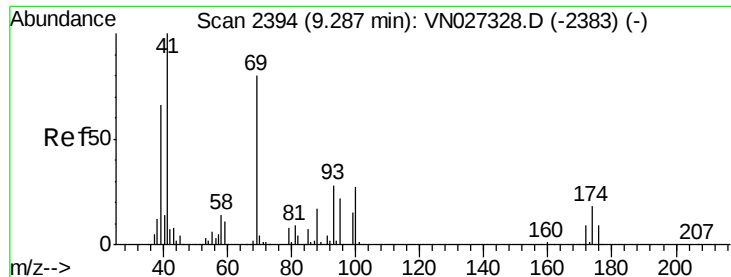


Abundance Ion 82.90 (82.60 to 83.60): VN027328.D (-2439) (-)

Ion 84.90 (84.60 to 85.60): VN027328.D (-2439) (-)

Ion 126.80 (126.50 to 127.50): VN027328.D (-2439) (-)

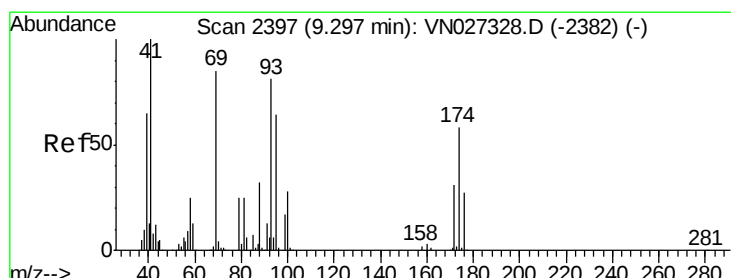
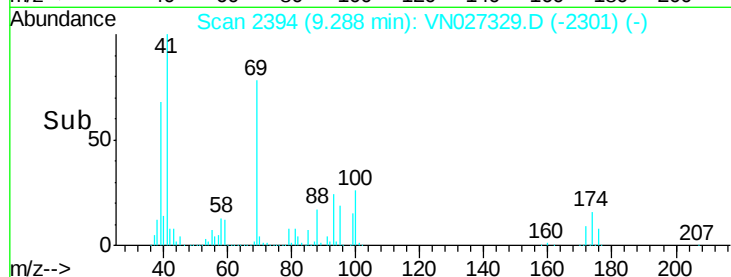
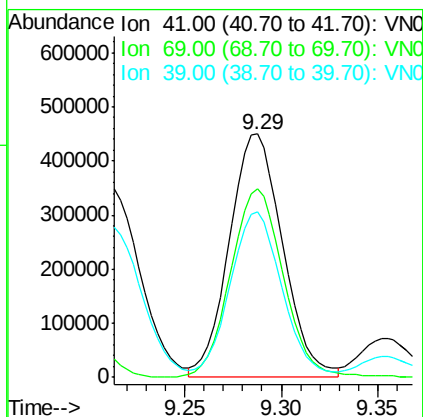
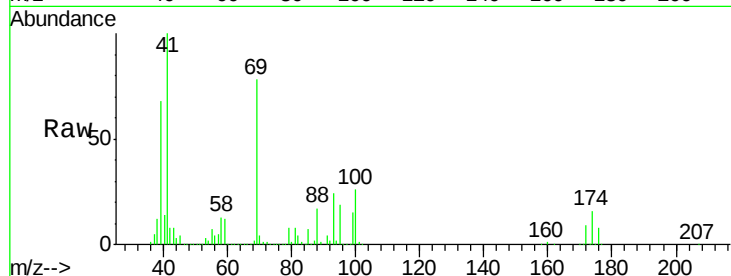




#49
Methyl methacrylate
Concen: 107.67 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

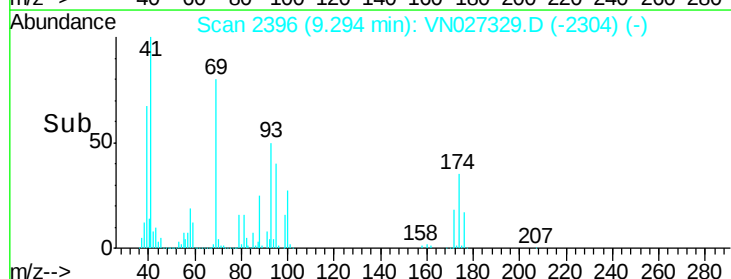
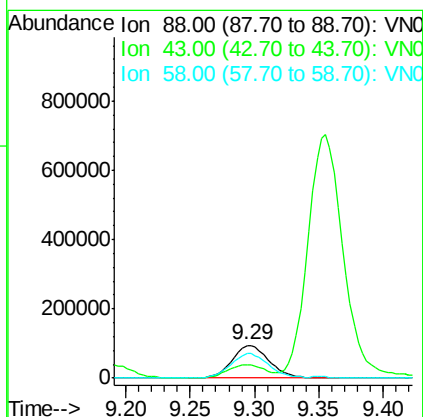
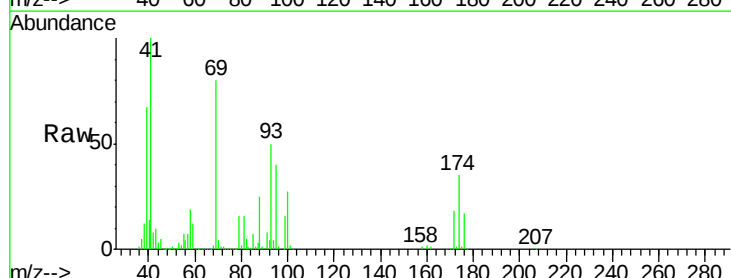
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

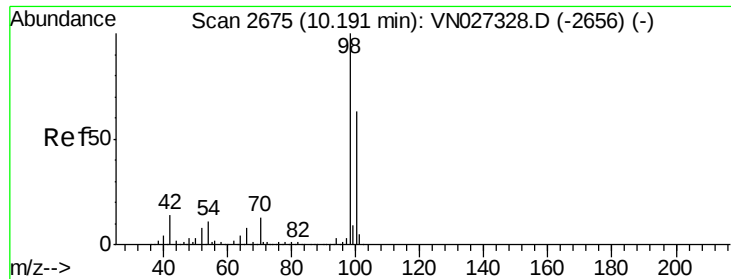
Tgt Ion: 41 Resp: 858399
Ion Ratio Lower Upper
41 100
69 77.3 59.3 88.9
39 66.4 39.5 59.3#



#50
1,4-Dioxane
Concen: 1968.38 ug/l
RT: 9.29 min Scan# 2396
Delta R.T. -0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion: 88 Resp: 189420
Ion Ratio Lower Upper
88 100
43 39.9 27.6 41.4
58 76.4 63.1 94.7





#51

Toluene-d8

Concen: 98.43 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

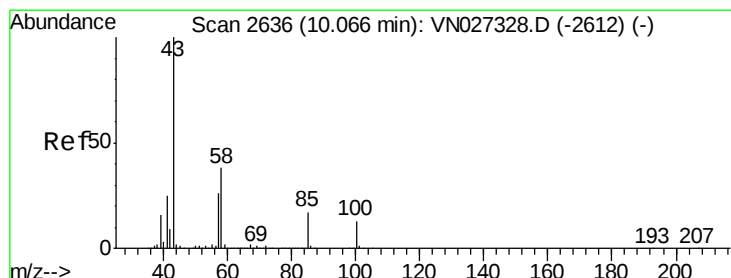
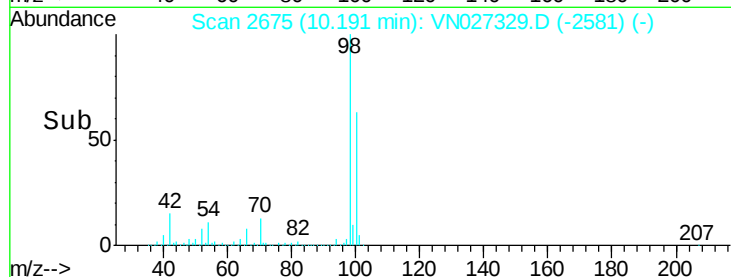
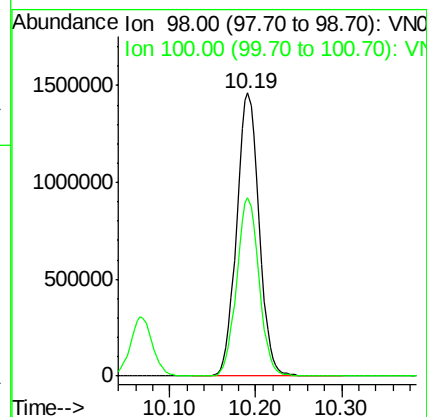
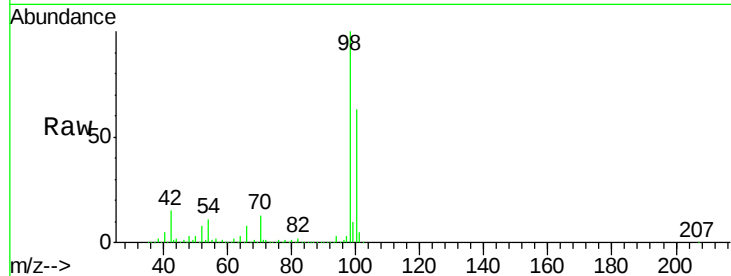
VSTDIC100

Tgt Ion: 98 Resp: 2644621

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 506.32 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027329.D

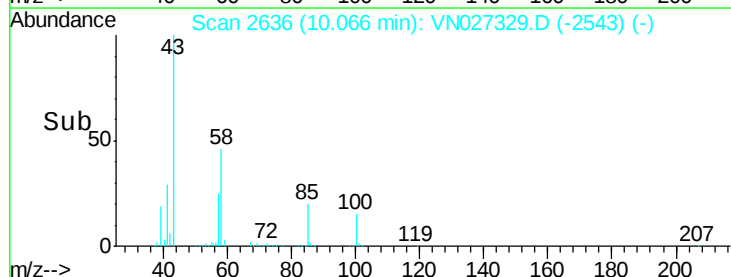
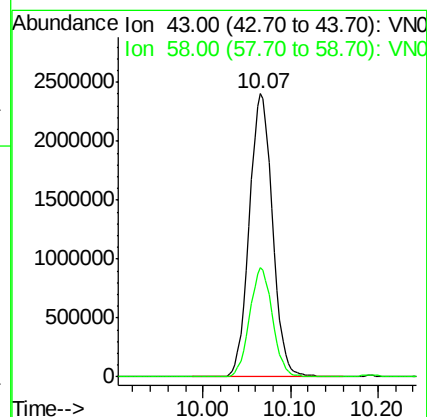
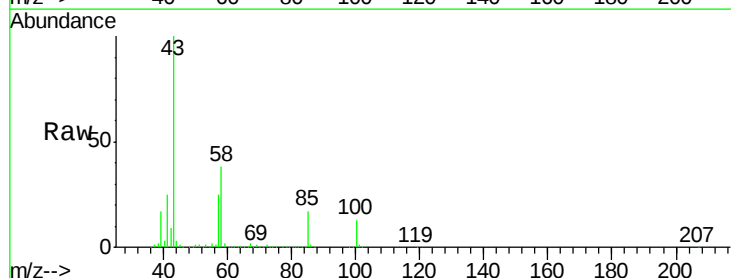
Acq: 21 Sep 2015 12:16

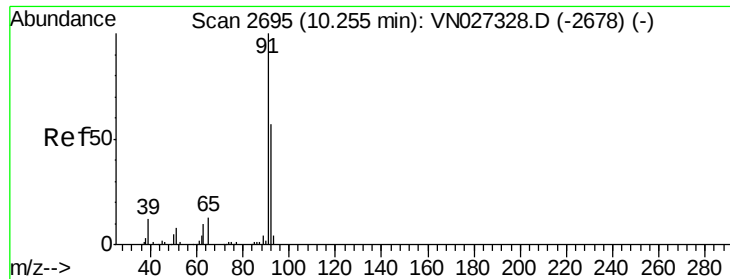
Tgt Ion: 43 Resp: 4411772

Ion Ratio Lower Upper

43 100

58 38.1 29.8 44.8





#53

Toluene

Concen: 97.64 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

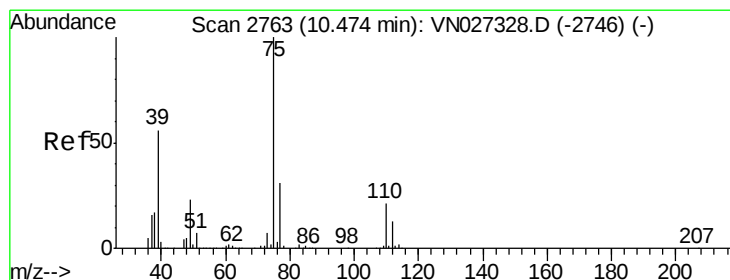
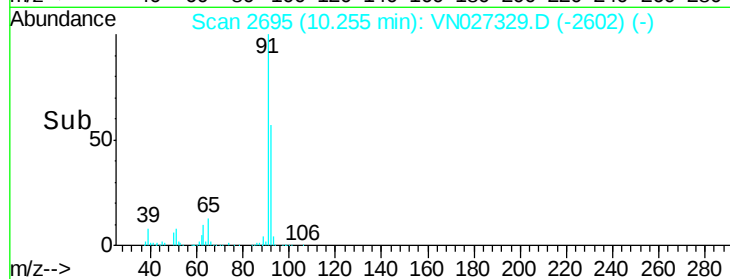
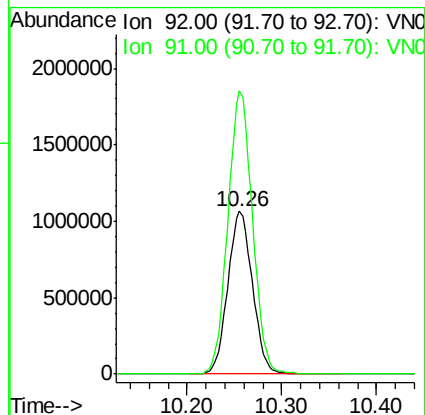
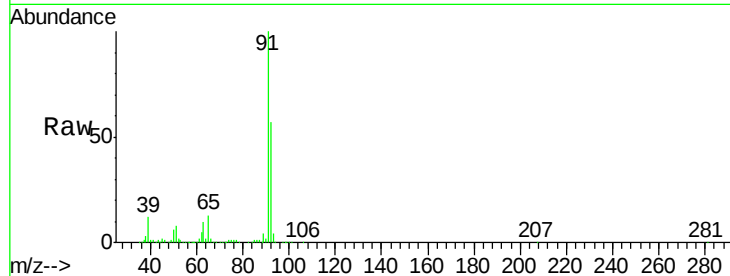
VSTDIC100

Tgt Ion: 92 Resp: 1924055

Ion Ratio Lower Upper

92 100

91 173.6 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 103.92 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027329.D

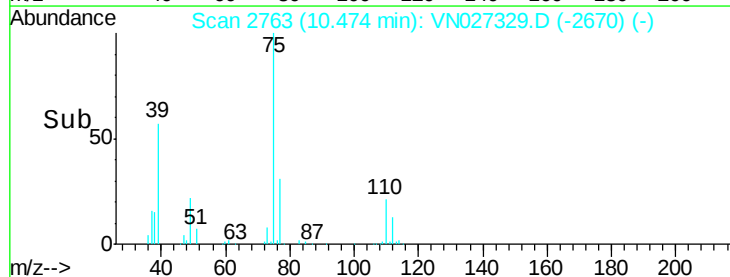
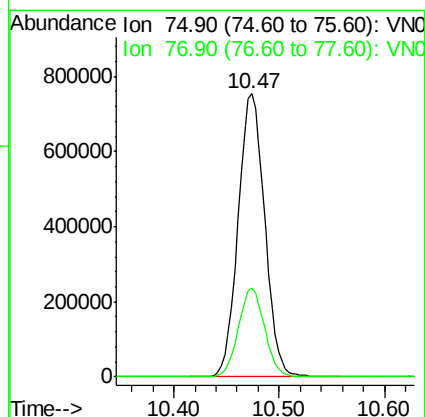
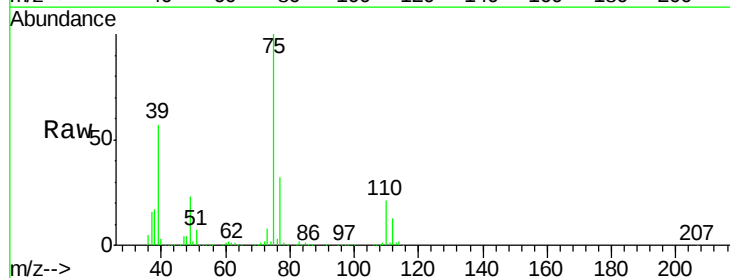
Acq: 21 Sep 2015 12:16

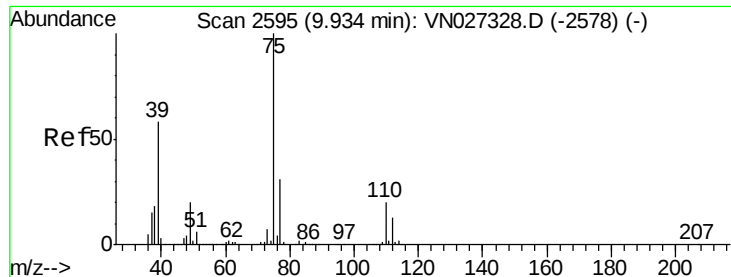
Tgt Ion: 75 Resp: 1316633

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 102.23 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

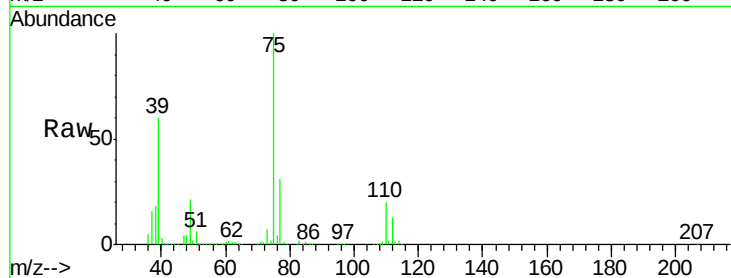
Tgt Ion: 75 Resp: 1422846

Ion Ratio Lower Upper

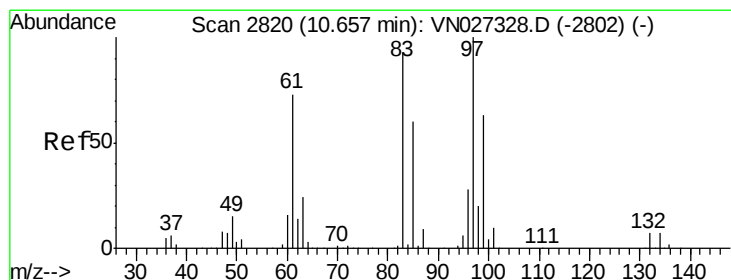
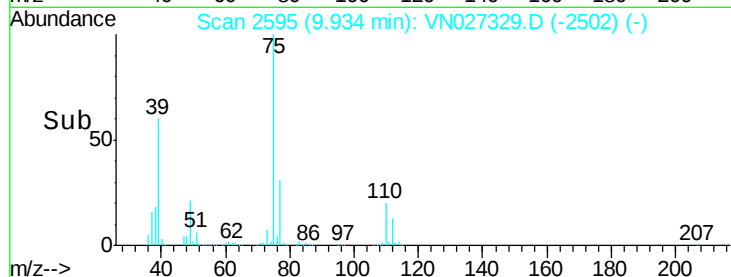
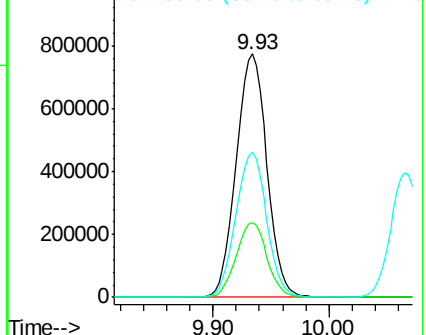
75 100

77 30.8 25.6 38.4

39 59.7 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: 99.59 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Tgt Ion: 97 Resp: 731914

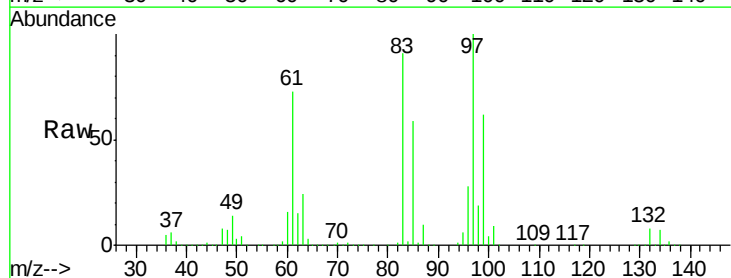
Ion Ratio Lower Upper

97 100

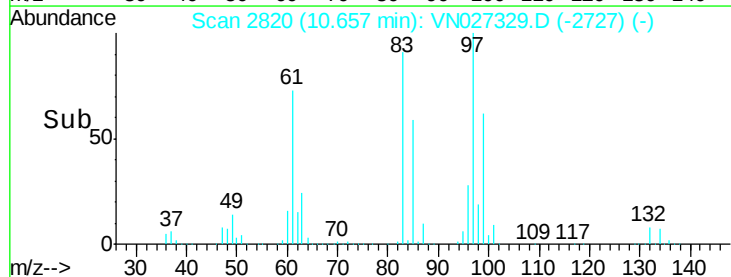
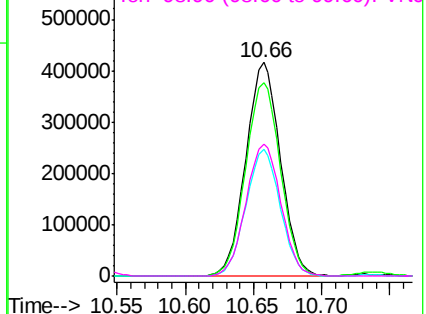
83 90.7 75.0 112.4

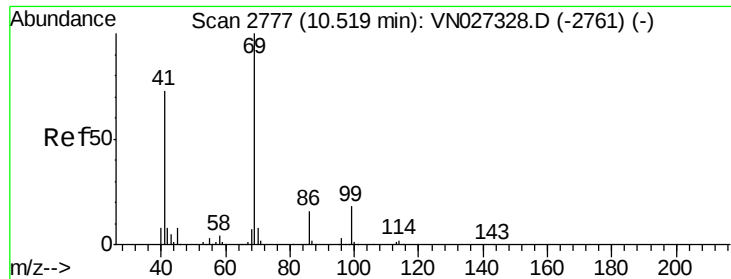
85 59.0 48.0 72.0

99 61.7 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

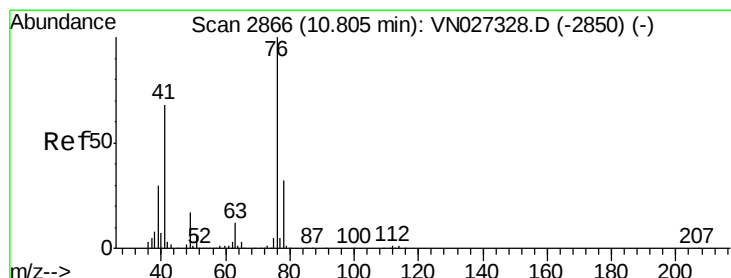
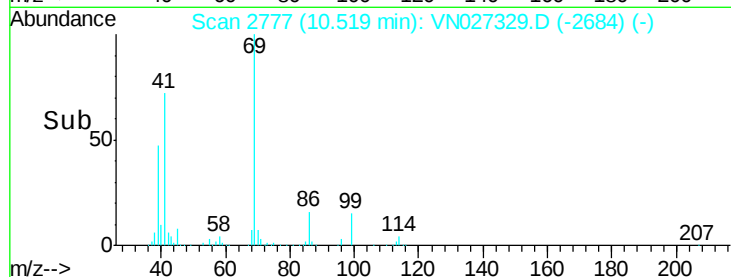
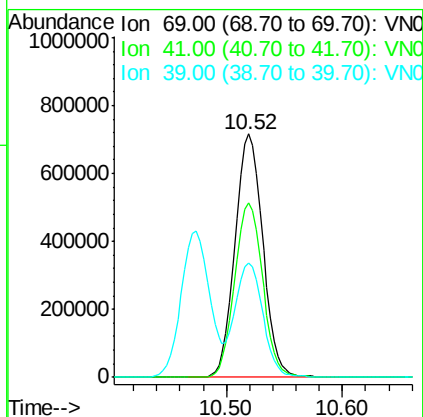
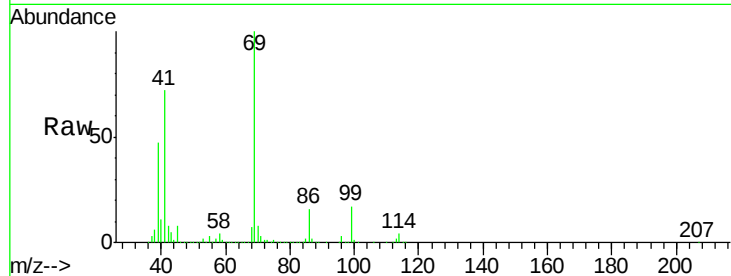




#57
Ethyl methacrylate
Concen: 101.82 ug/l
RT: 10.52 min Scan# 2777
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

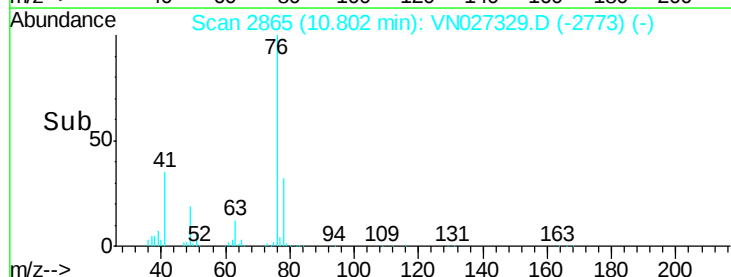
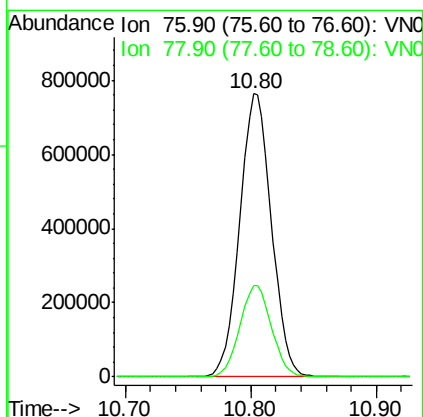
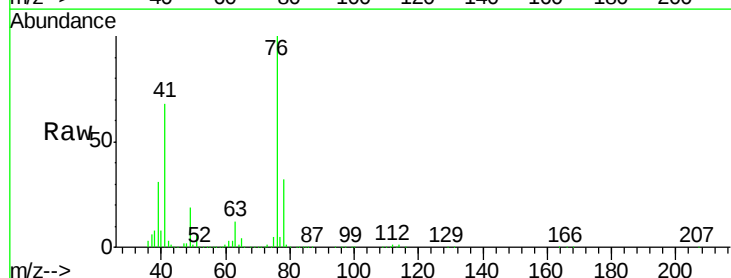
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

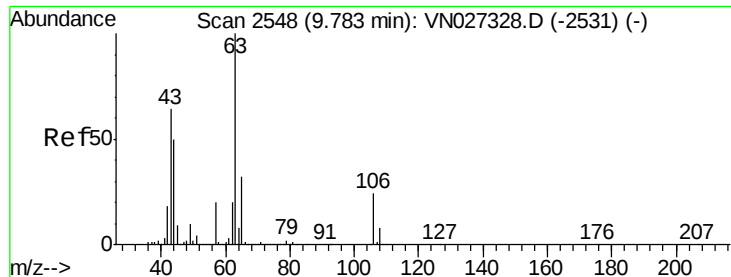
Tgt Ion: 69 Resp: 1187662
Ion Ratio Lower Upper
69 100
41 71.8 61.3 91.9
39 47.7 28.4 42.6#



#58
1,3-Dichloropropane
Concen: 98.90 ug/l
RT: 10.80 min Scan# 2865
Delta R.T. -0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion: 76 Resp: 1339728
Ion Ratio Lower Upper
76 100
78 32.2 25.0 37.6

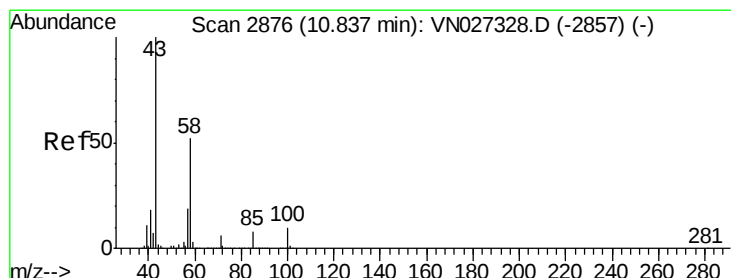
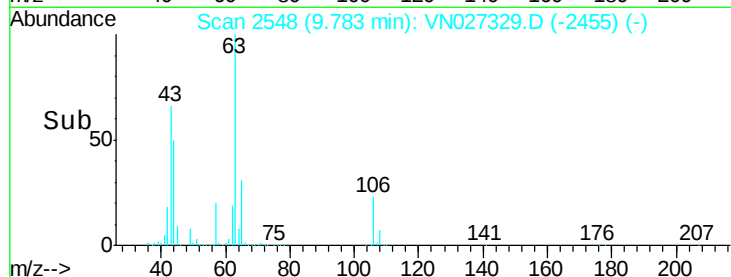
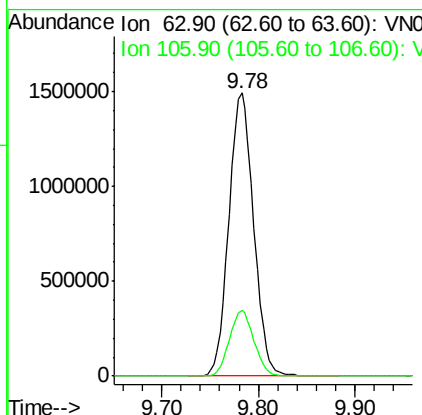
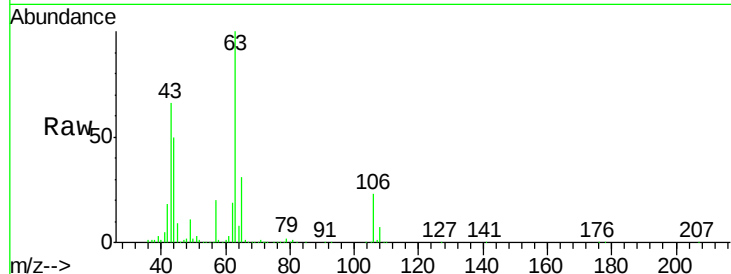




#59
 2-Chloroethyl Vinyl ether
 Concen: 513.30 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

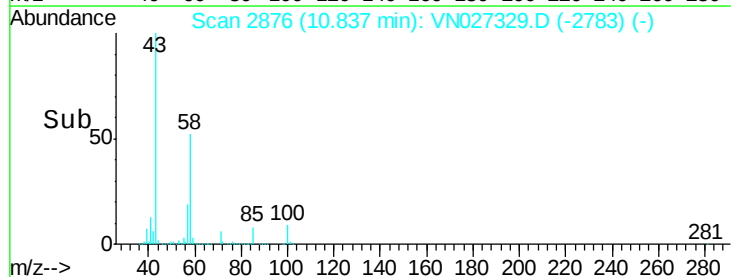
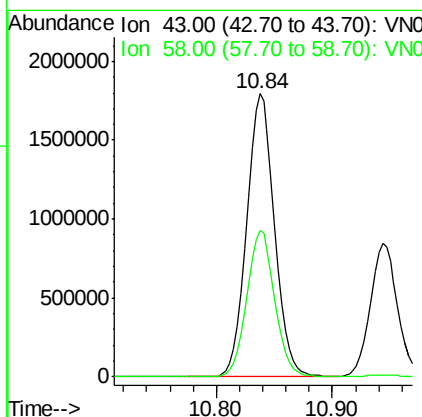
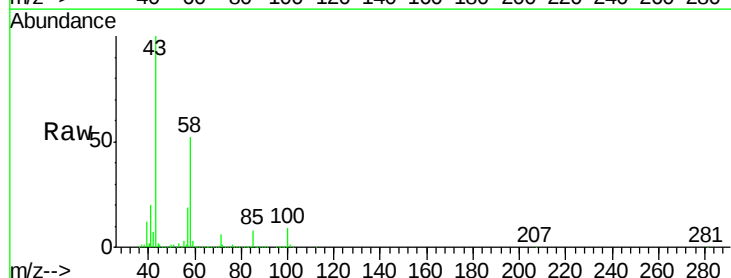
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

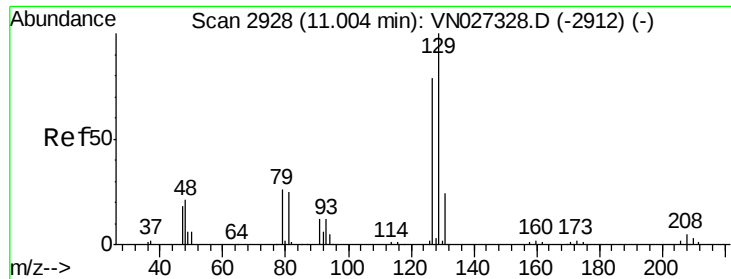
Tgt Ion: 63 Resp: 2653259
 Ion Ratio Lower Upper
 63 100
 106 23.0 17.7 26.5



#60
 2-Hexanone
 Concen: 506.72 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 43 Resp: 3000641
 Ion Ratio Lower Upper
 43 100
 58 51.8 26.2 78.5

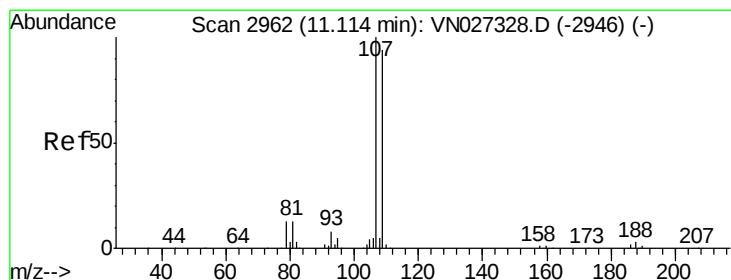
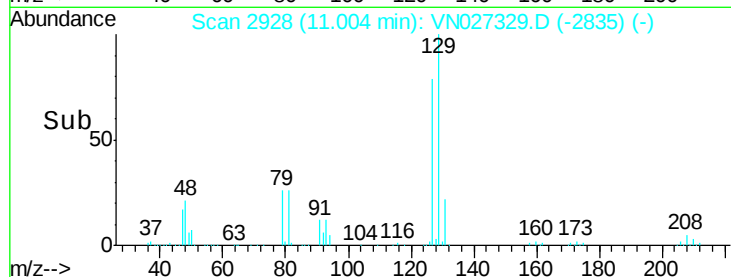
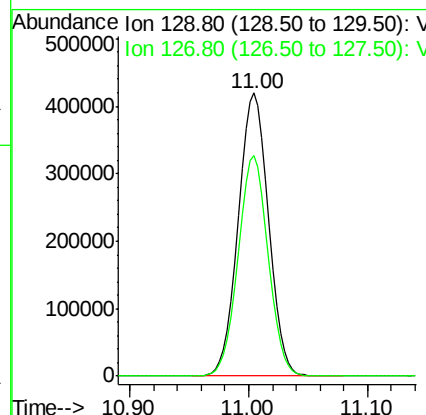
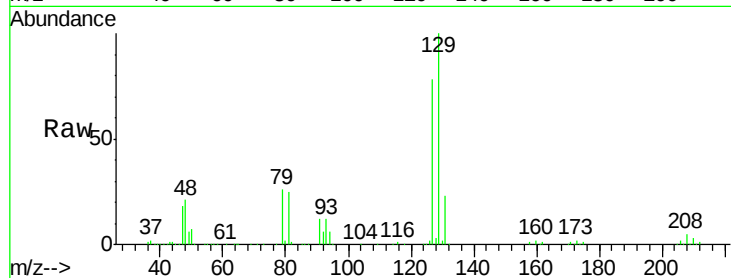




#61
Dibromochloromethane
Concen: 102.82 ug/l
RT: 11.00 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

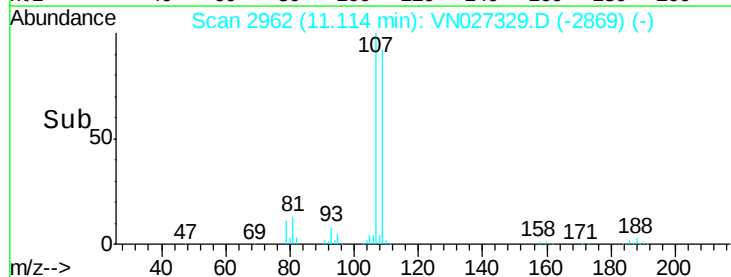
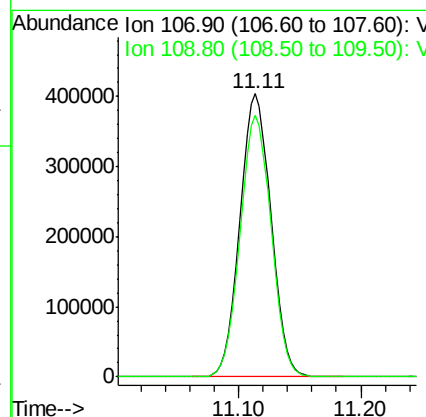
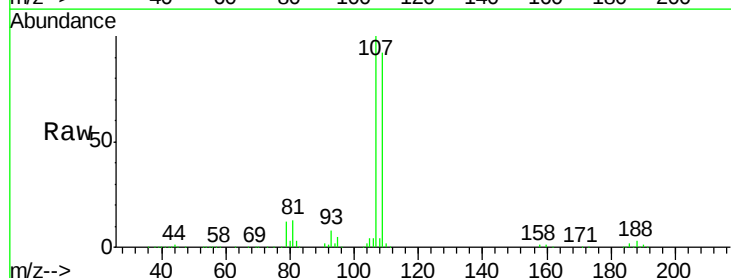
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

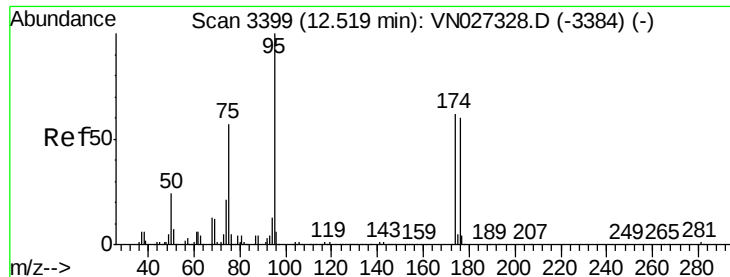
Tgt Ion:129 Resp: 740039
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2



#62
1,2-Dibromoethane
Concen: 101.69 ug/l
RT: 11.11 min Scan# 2962
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion:107 Resp: 710714
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4

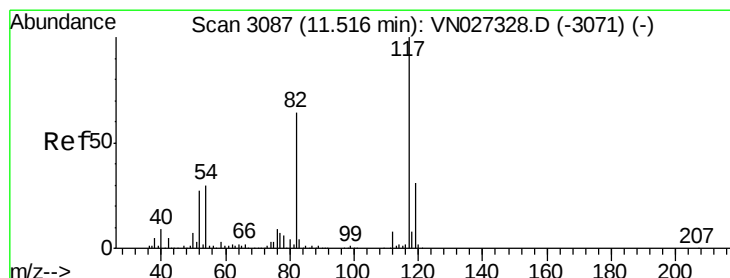
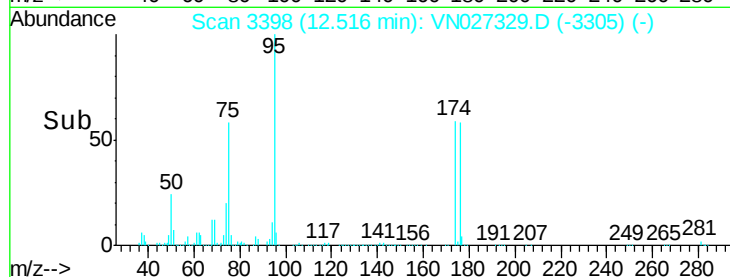
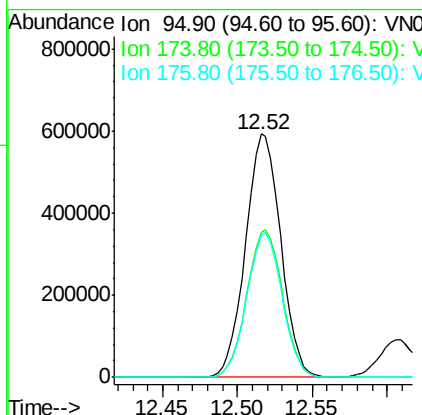
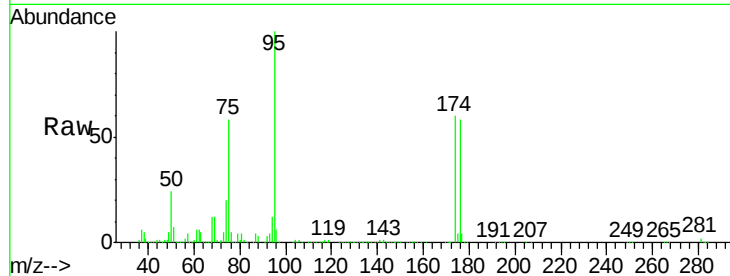




#63
4-Bromofluorobenzene
Concen: 99.66 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

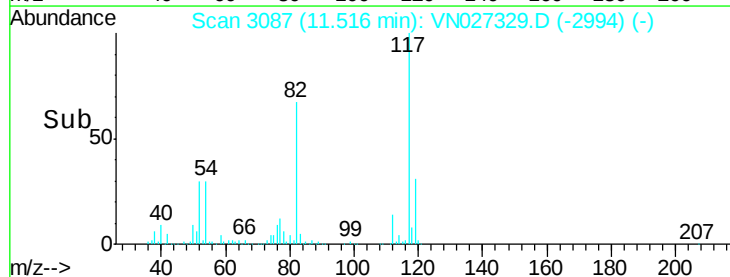
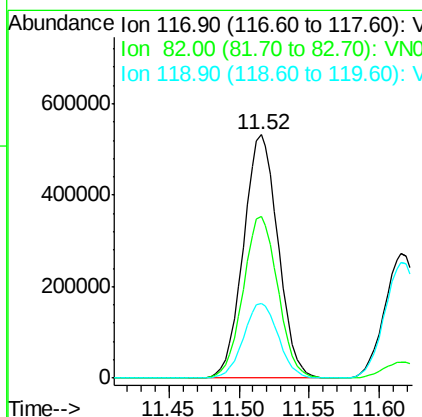
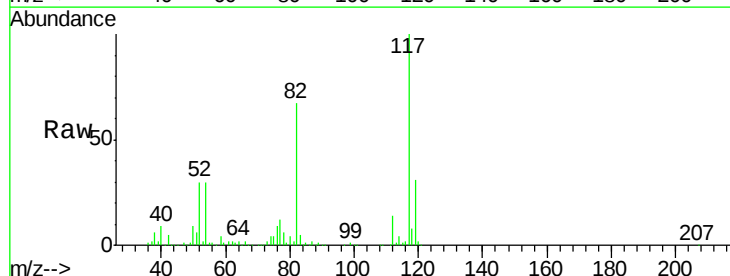
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

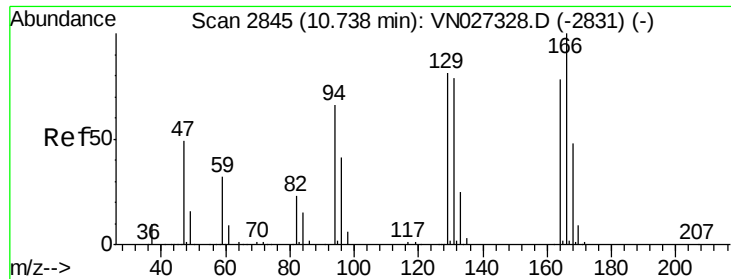
Tgt Ion: 95 Resp: 972790
Ion Ratio Lower Upper
95 100
174 61.6 0.0 137.0
176 59.4 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion: 117 Resp: 916702
Ion Ratio Lower Upper
117 100
82 66.5 49.6 74.4
119 30.8 24.6 36.8





#65

Tetrachloroethene

Concen: 92.76 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 506120

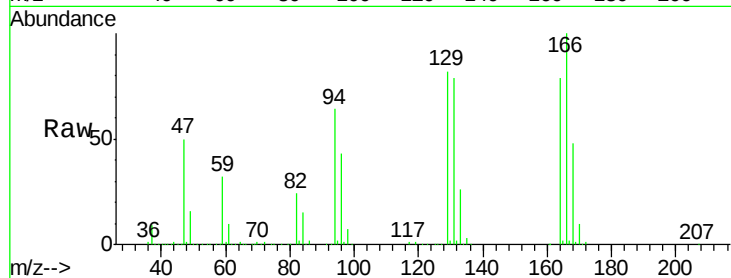
Ion Ratio Lower Upper

164 100

166 126.5 103.4 155.0

129 103.9 77.5 116.3

131 100.4 74.2 111.4

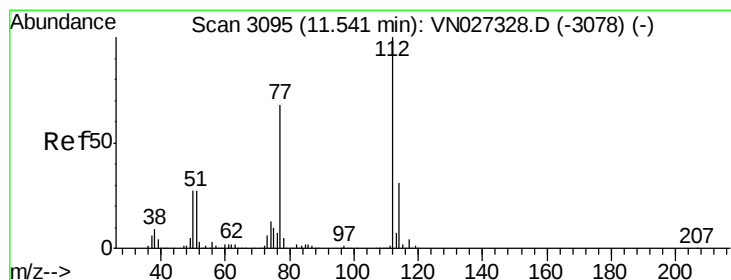
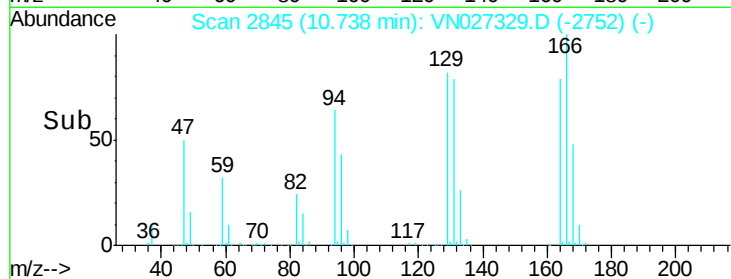
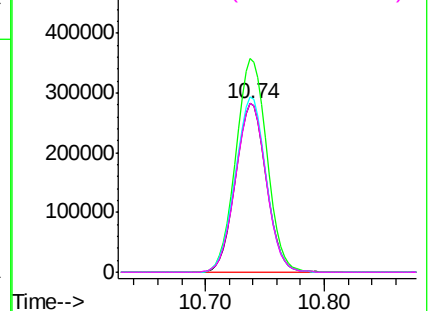


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#66

Chlorobenzene

Concen: 97.14 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027329.D

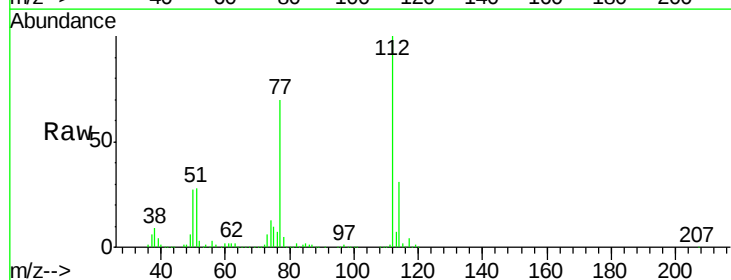
Acq: 21 Sep 2015 12:16

Tgt Ion:112 Resp: 1909235

Ion Ratio Lower Upper

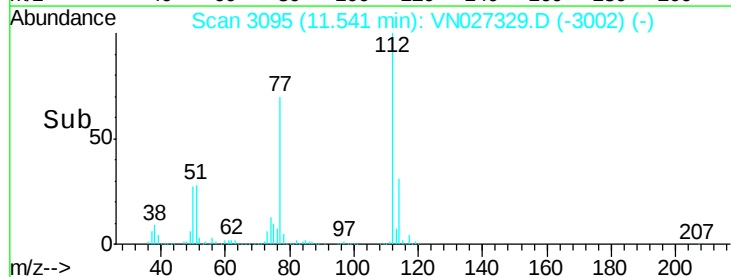
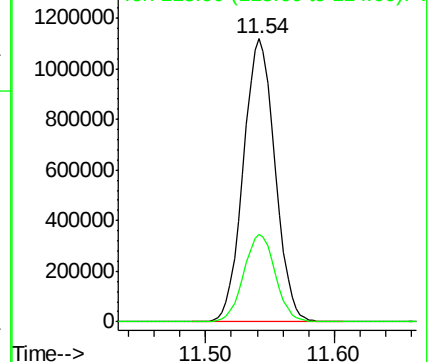
112 100

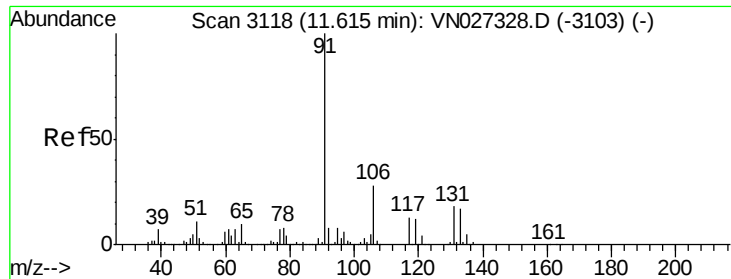
114 31.0 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

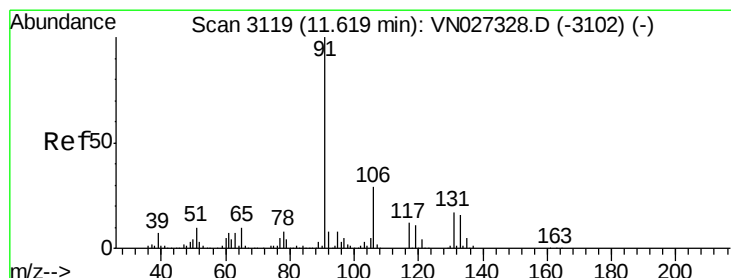
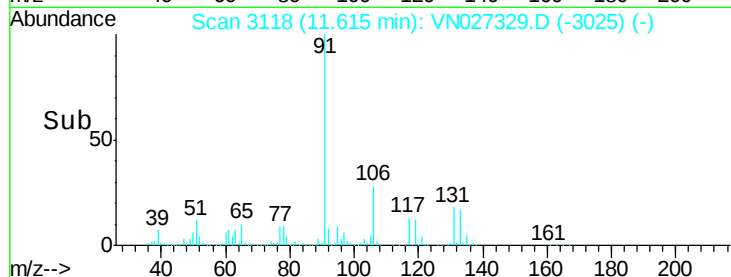
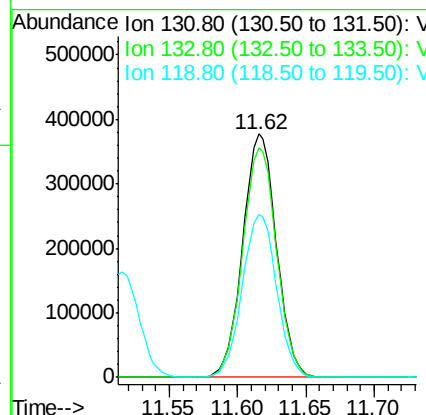
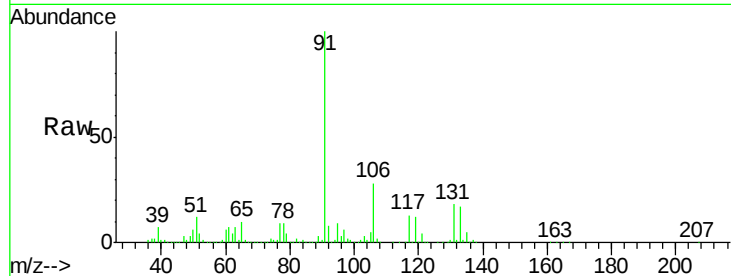




#67
 1,1,1,2-Tetrachloroethane
 Concen: 98.06 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

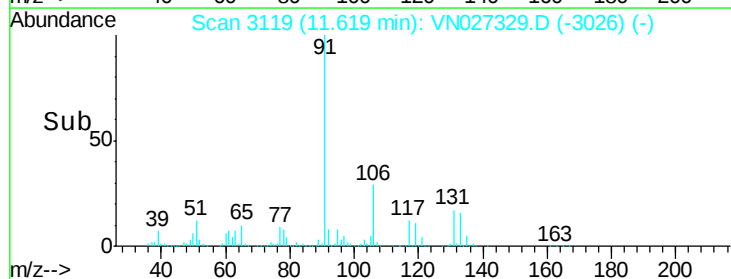
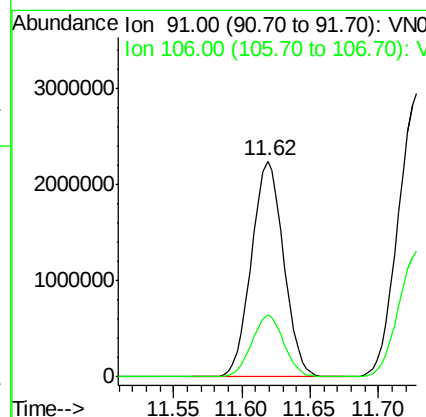
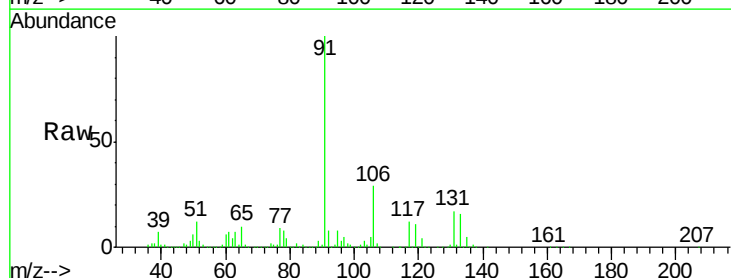
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

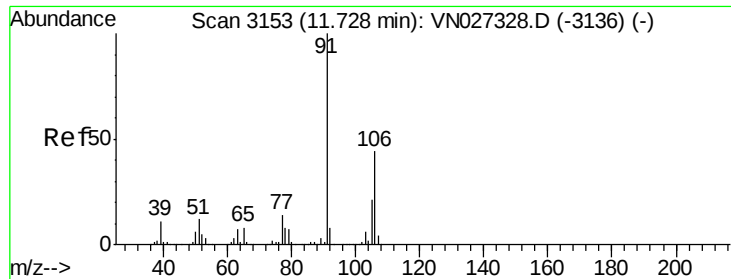
Tgt Ion: 131 Resp: 646744
 Ion Ratio Lower Upper
 131 100
 133 95.1 47.0 141.2
 119 68.3 35.1 105.5



#68
 Ethyl Benzene
 Concen: 99.25 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 91 Resp: 3679551
 Ion Ratio Lower Upper
 91 100
 106 28.6 23.1 34.7

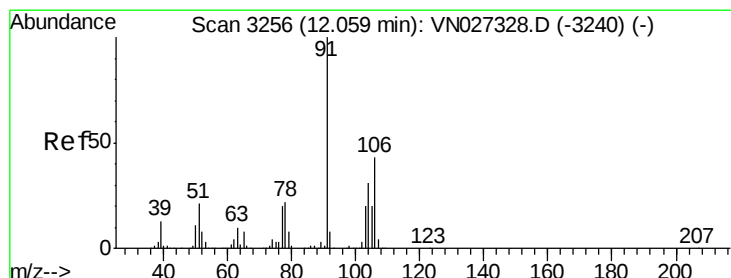
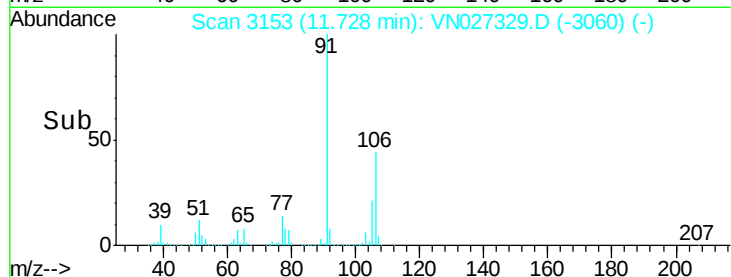
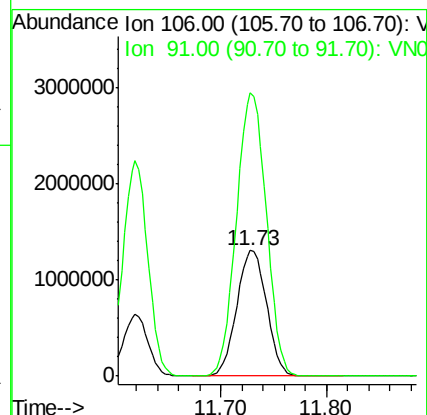
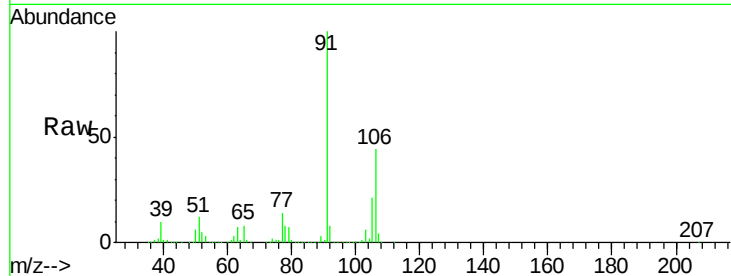




#69
m/p-Xylenes
Concen: 199.09 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

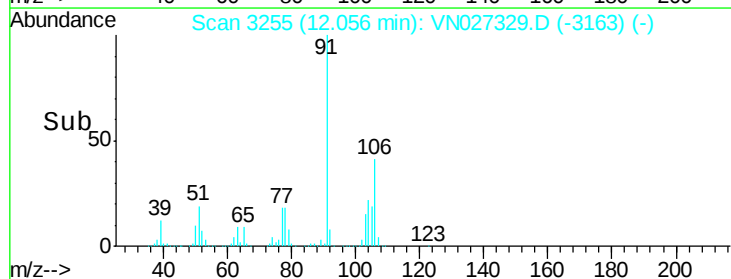
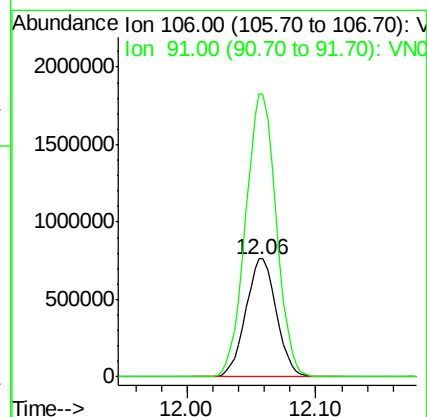
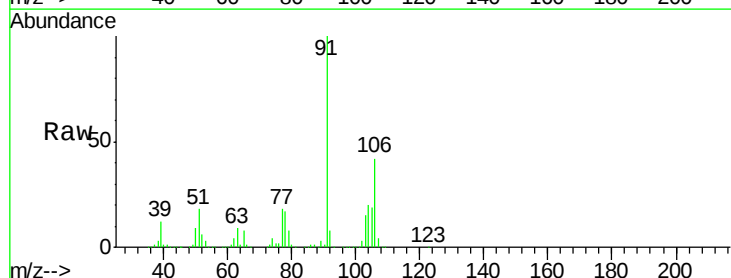
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

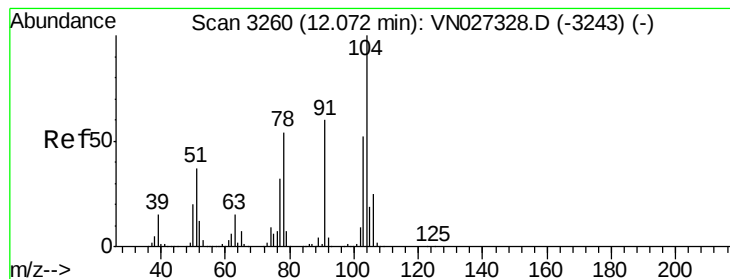
Tgt Ion:106 Resp: 2558921
Ion Ratio Lower Upper
106 100
91 225.7 167.1 250.7



#70
o-Xylene
Concen: 97.08 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion:106 Resp: 1260757
Ion Ratio Lower Upper
106 100
91 240.1 110.7 331.9





#71

Styrene

Concen: 102.86 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

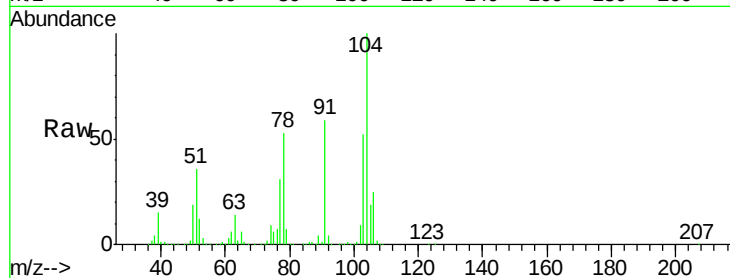
Tgt Ion:104 Resp: 2126632

Ion Ratio Lower Upper

104 100

78 59.3 41.6 62.4

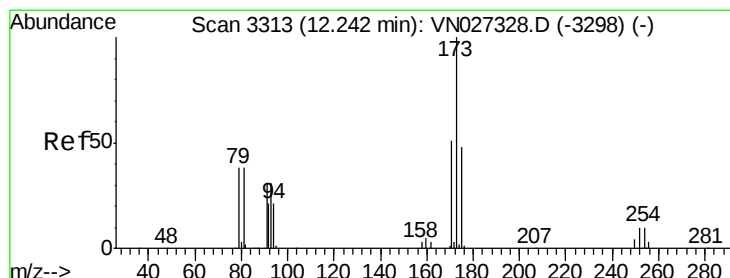
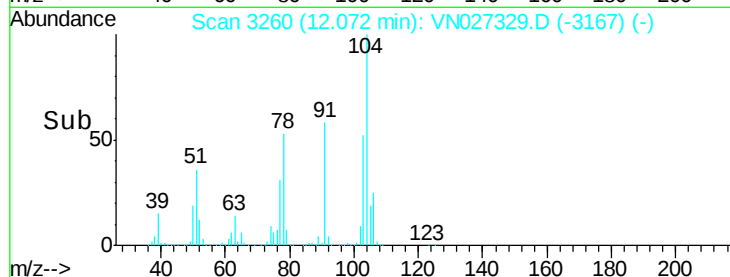
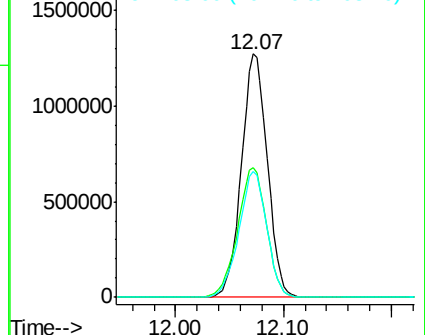
103 55.8 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 101.49 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

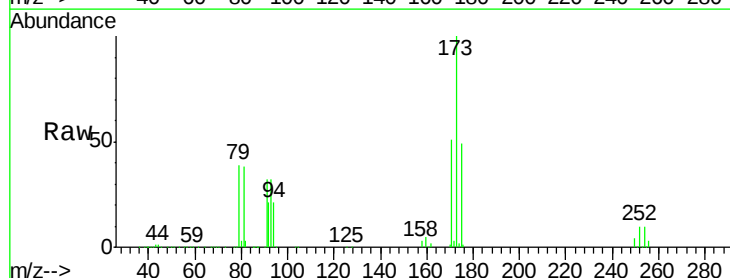
Tgt Ion:173 Resp: 449095

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.4

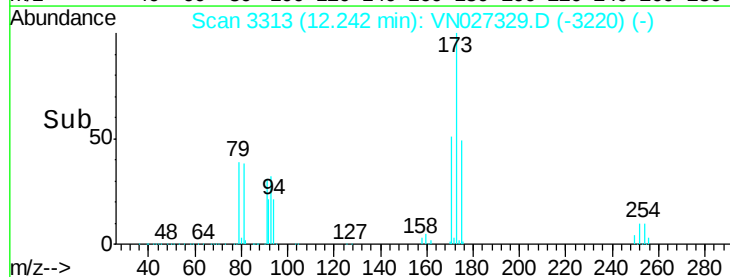
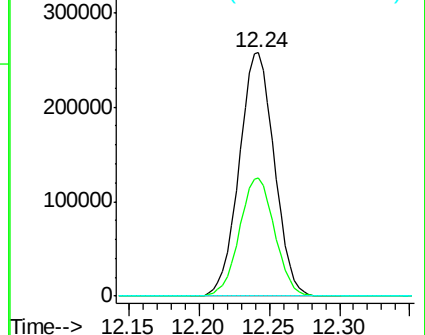
254 0.2 0.1 0.1#

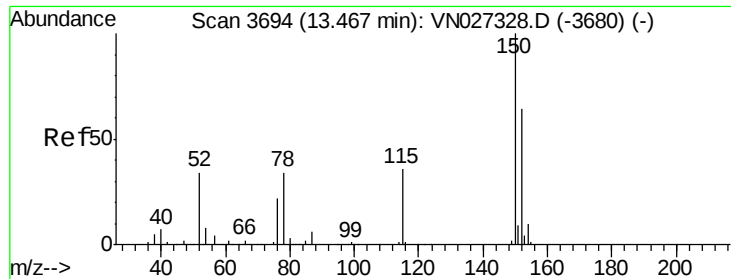


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

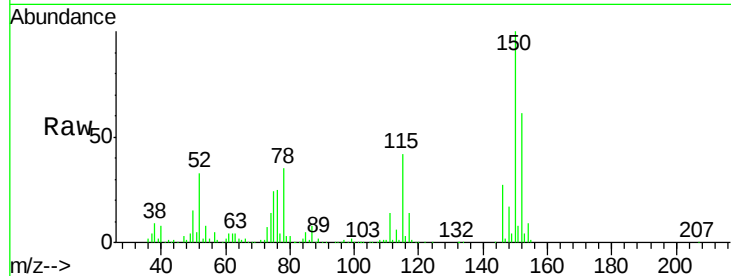




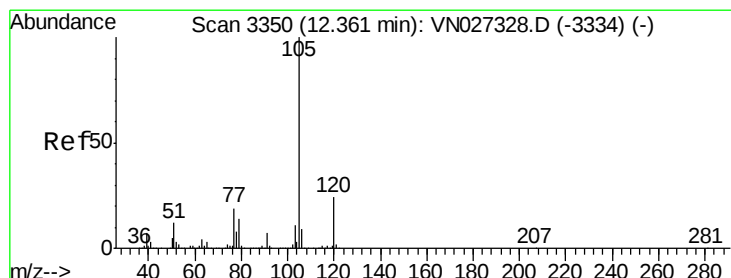
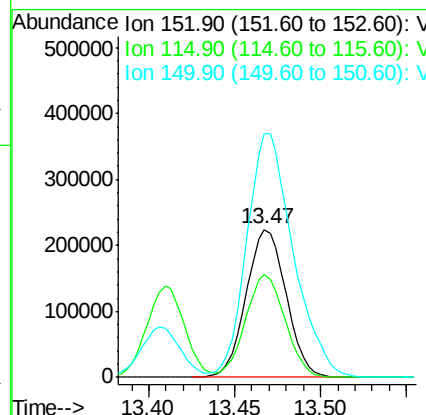
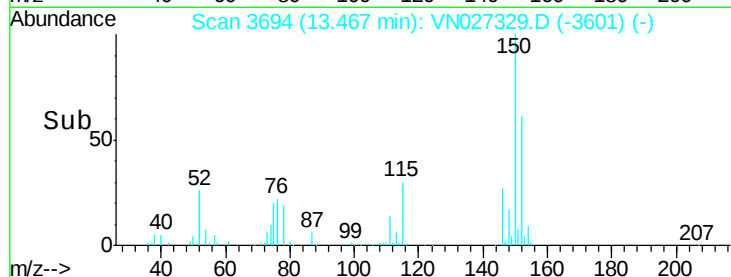
#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:152 Resp: 362316
 Ion Ratio Lower Upper
 152 100
 115 68.7 30.8 92.3
 150 191.3 0.0 345.0

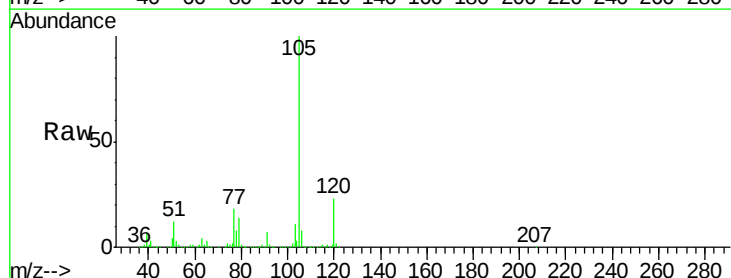


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

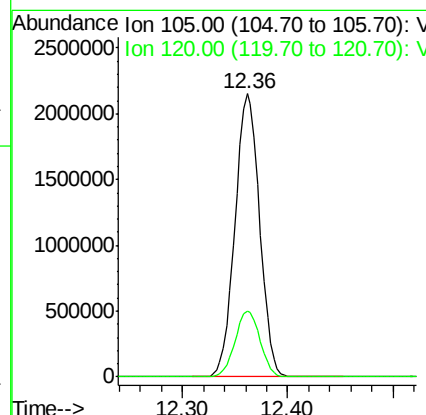
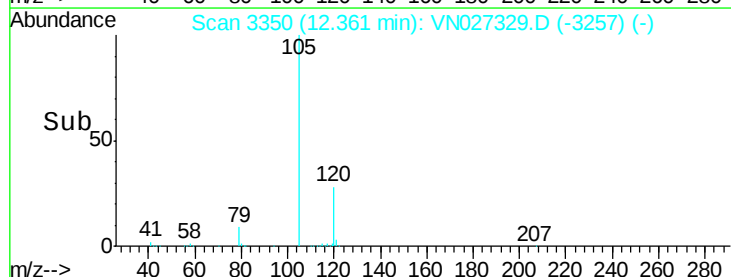


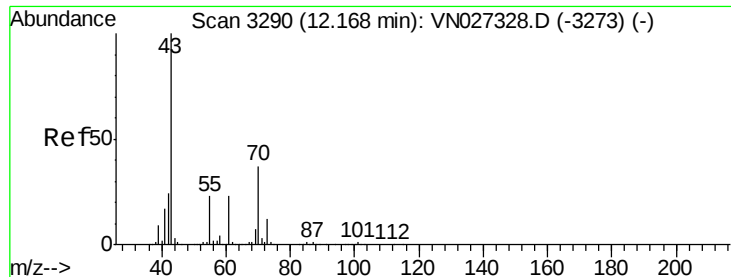
#74
 Isopropylbenzene
 Concen: 95.33 ug/l
 RT: 12.36 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion:105 Resp: 3460124
 Ion Ratio Lower Upper
 105 100
 120 23.6 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



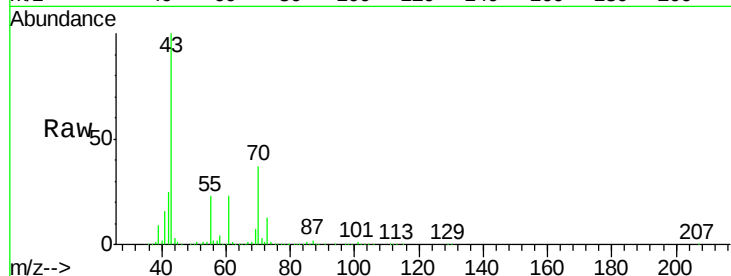


#75
N-amy1 acetate
Concen: 102.42 ug/l
RT: 12.17 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

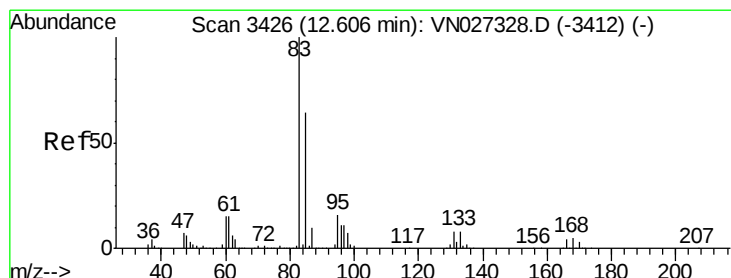
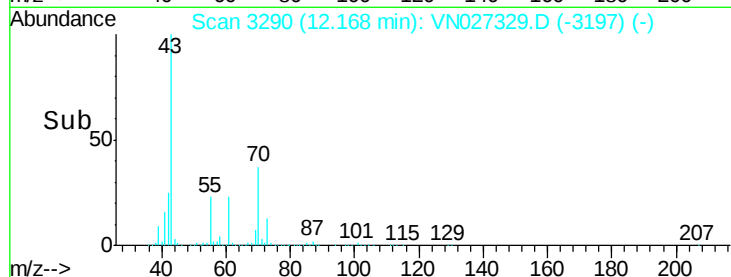
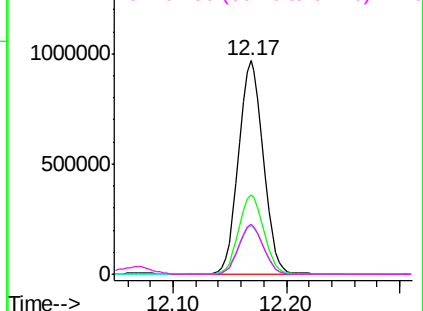
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1474947

Ion	Ratio	Lower	Upper
43	100		
70	37.6	29.8	44.8
55	22.7	19.4	29.0
61	23.2	18.2	27.2



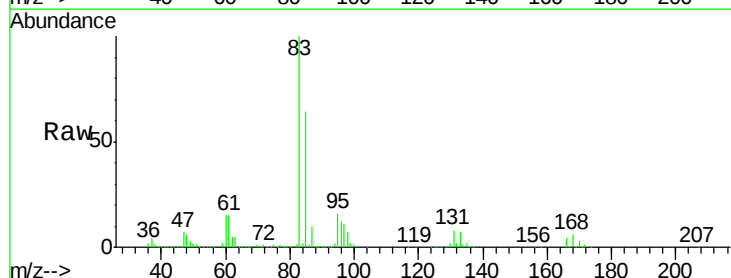
Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 70.00 (69.70 to 70.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 61.00 (60.70 to 61.70): VN0



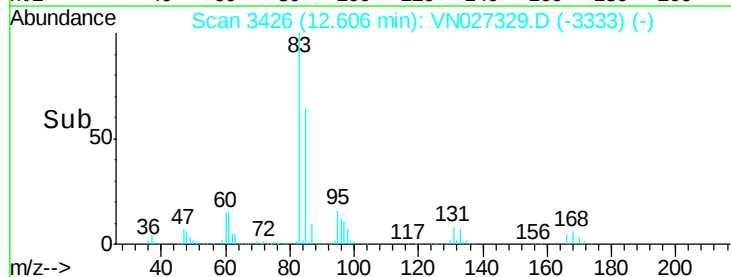
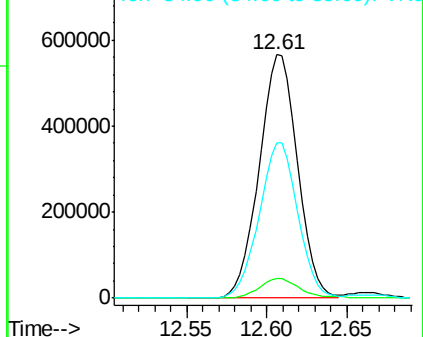
#76
1,1,2,2-Tetrachloroethane
Concen: 91.80 ug/l
RT: 12.61 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

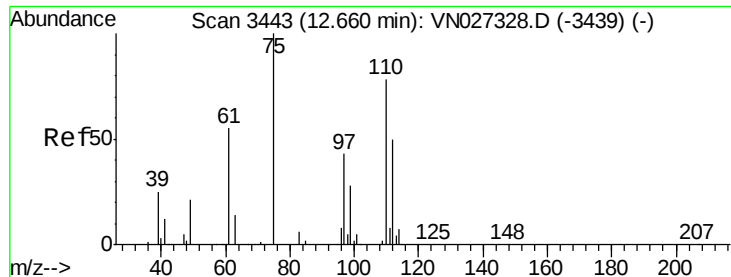
Tgt Ion: 83 Resp: 937992

Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.1	12.3
85	64.1	31.9	95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 145.87 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampled :

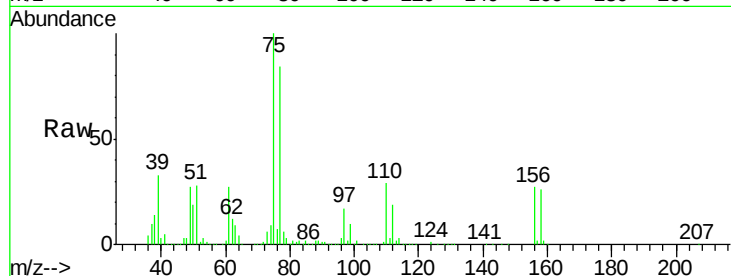
VSTDIC100

Tgt Ion: 75 Resp: 1326941

Ion Ratio Lower Upper

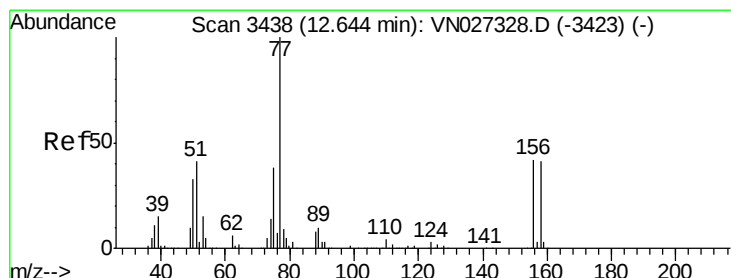
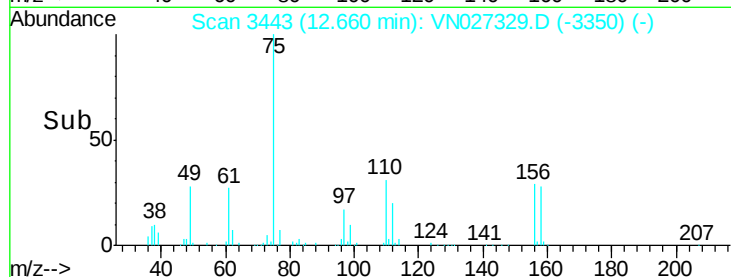
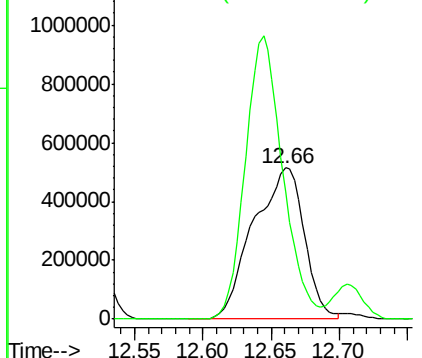
75 100

77 138.2 103.1 309.3



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

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



#78

Bromobenzene

Concen: 94.06 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

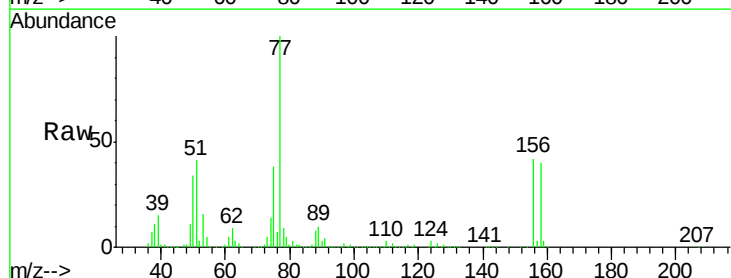
Tgt Ion: 156 Resp: 668062

Ion Ratio Lower Upper

156 100

77 274.6 127.3 381.9

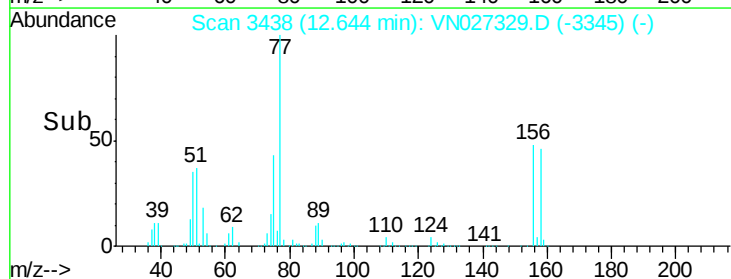
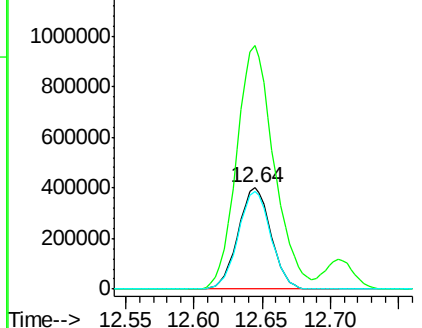
158 96.5 48.0 144.2

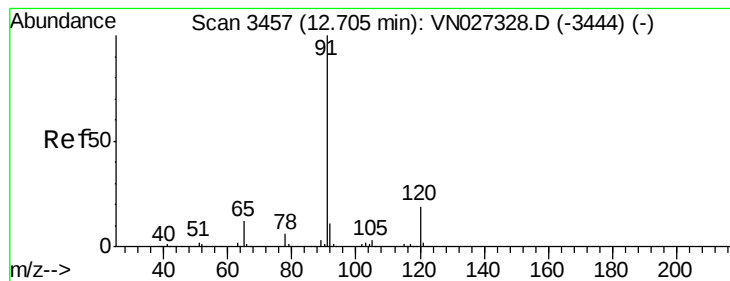


Abundance Ion 155.80 (155.50 to 156.50): VN027328.D (-3423) (-)

Ion 77.00 (76.70 to 77.70): VN027328.D (-3423) (-)

Ion 157.80 (157.50 to 158.50): VN027328.D (-3423) (-)





#79

n-propylbenzene

Concen: 97.17 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampled :

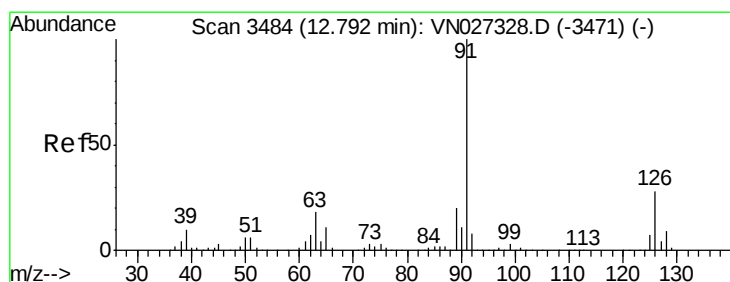
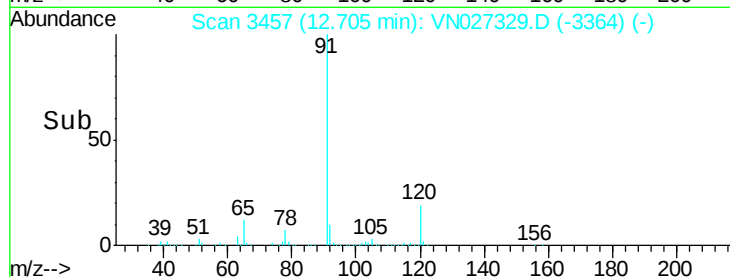
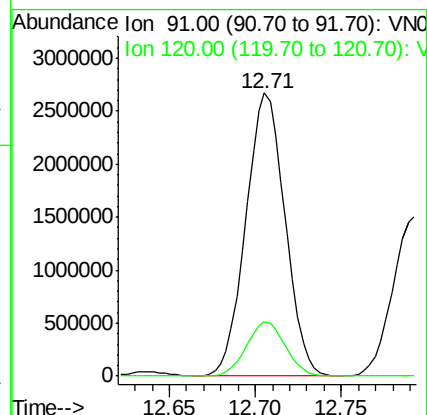
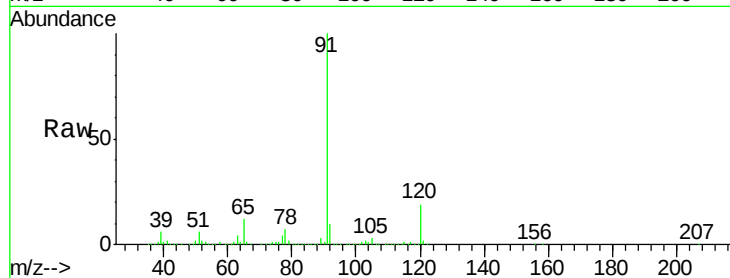
VSTDIC100

Tgt Ion: 91 Resp: 4206528

Ion Ratio Lower Upper

91 100

120 19.2 10.3 30.8



#80

2-Chlorotoluene

Concen: 93.92 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027329.D

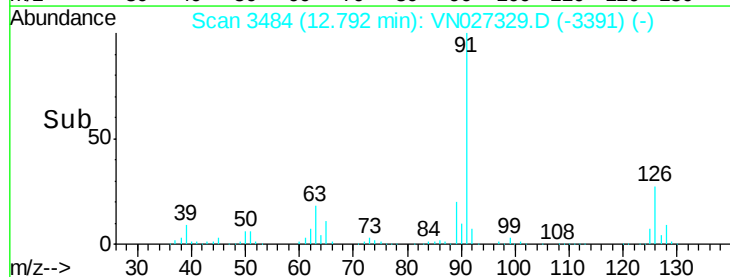
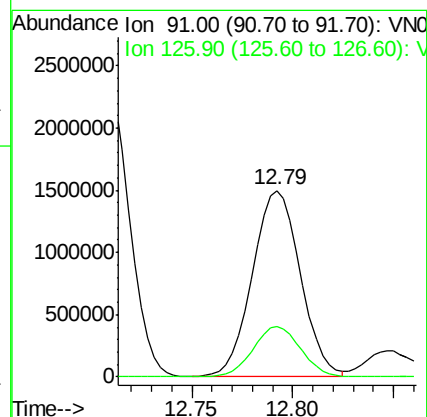
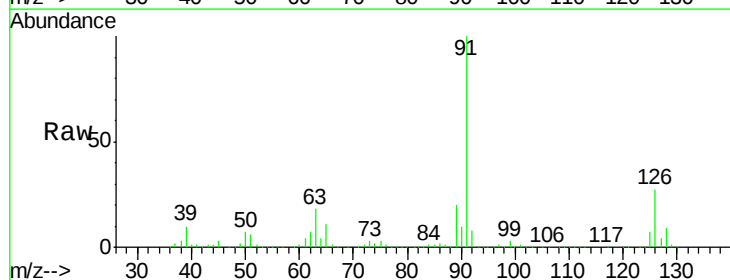
Acq: 21 Sep 2015 12:16

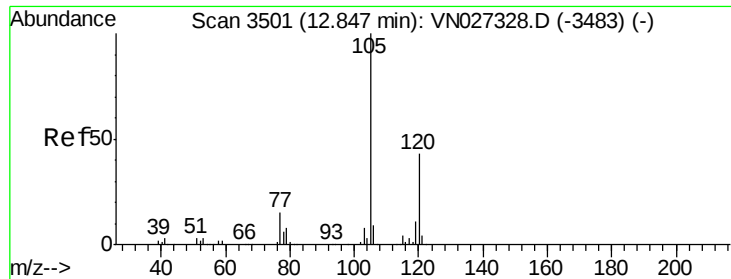
Tgt Ion: 91 Resp: 2485391

Ion Ratio Lower Upper

91 100

126 27.1 15.2 45.5

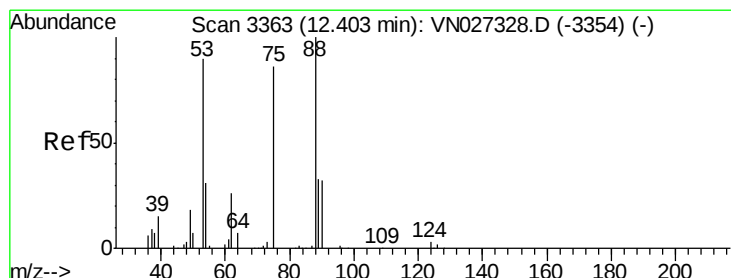
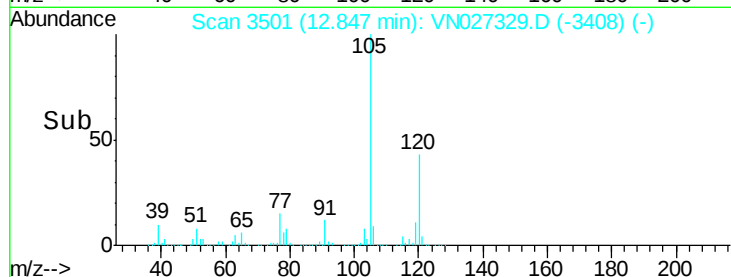
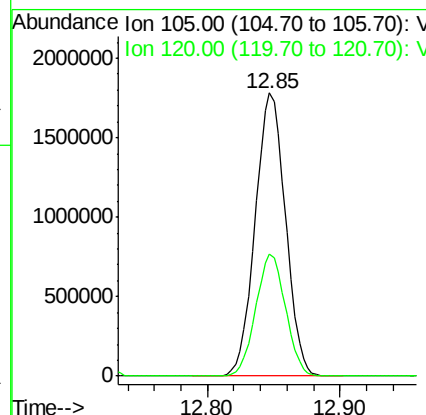
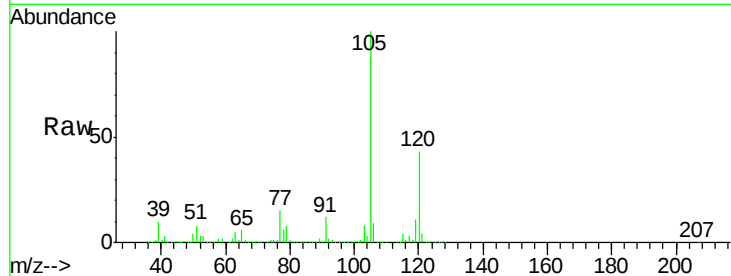




#81
 1,3,5-Trimethylbenzene
 Concen: 96.00 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

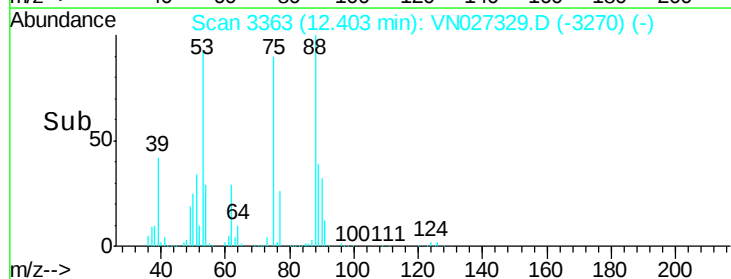
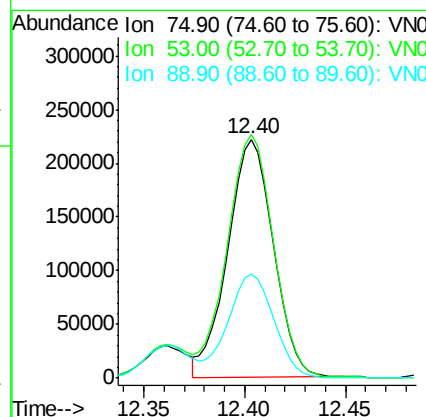
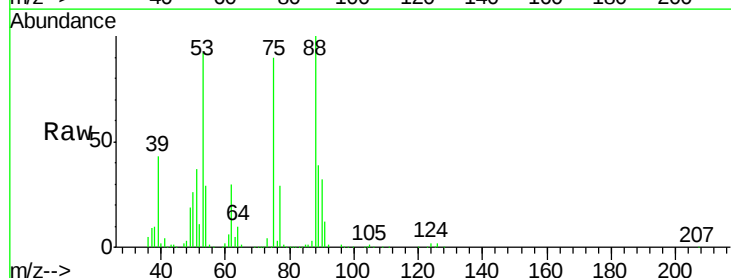
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

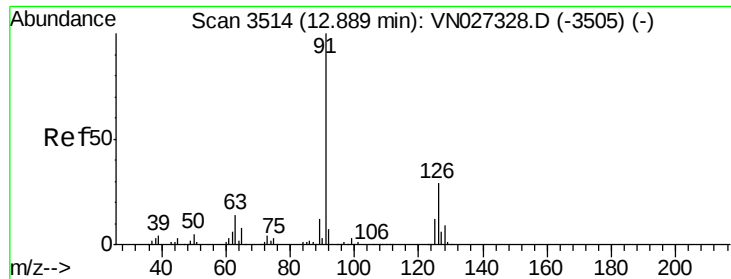
Tgt Ion: 105 Resp: 2816784
 Ion Ratio Lower Upper
 105 100
 120 42.7 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 98.81 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 75 Resp: 350509
 Ion Ratio Lower Upper
 75 100
 53 104.9 92.9 139.3
 89 44.1 34.2 51.4

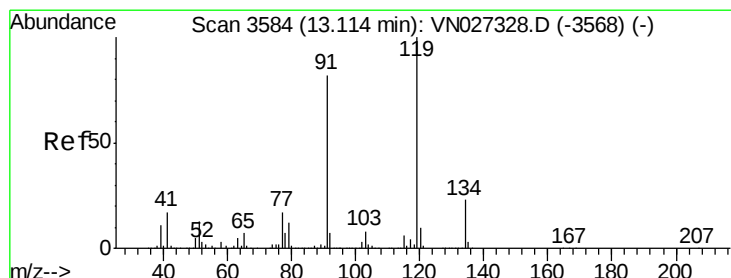
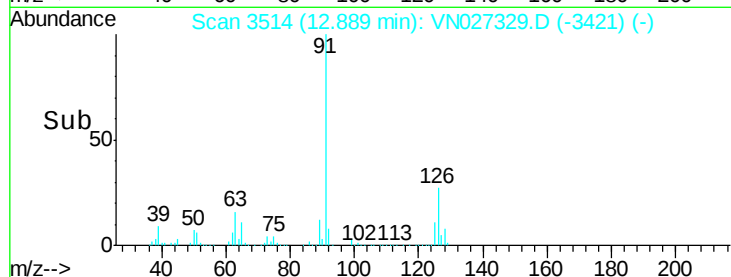
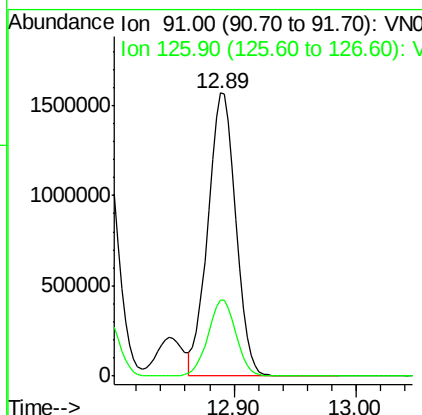
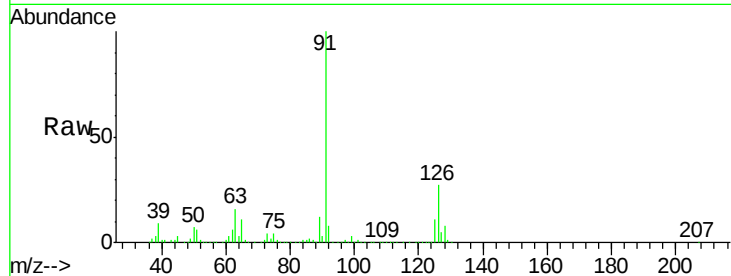




#83
4-Chlorotoluene
Concen: 96.98 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

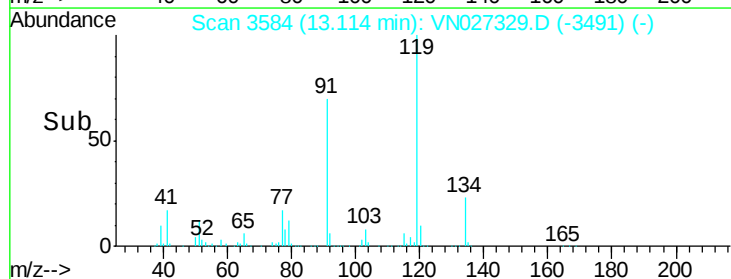
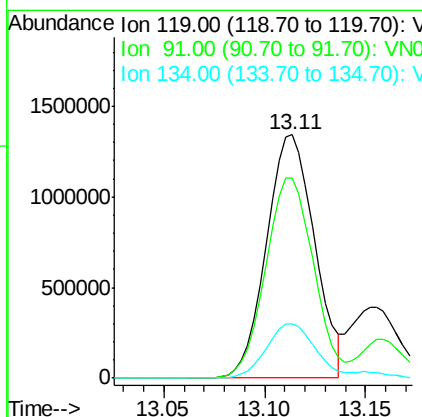
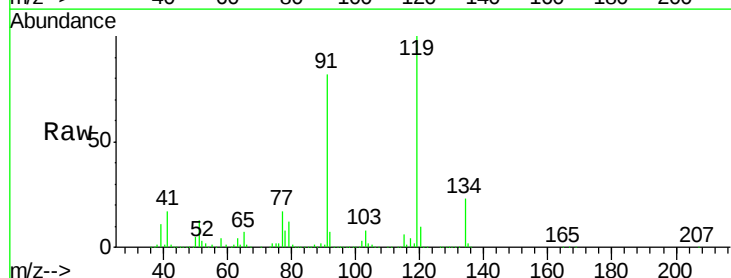
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

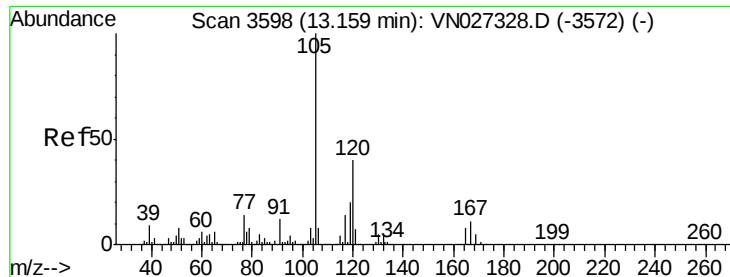
Tgt Ion: 91 Resp: 2504634
Ion Ratio Lower Upper
91 100
126 26.9 14.9 44.5



#84
tert-Butylbenzene
Concen: 93.79 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion: 119 Resp: 2218908
Ion Ratio Lower Upper
119 100
91 82.0 34.6 103.8
134 22.7 11.4 34.2

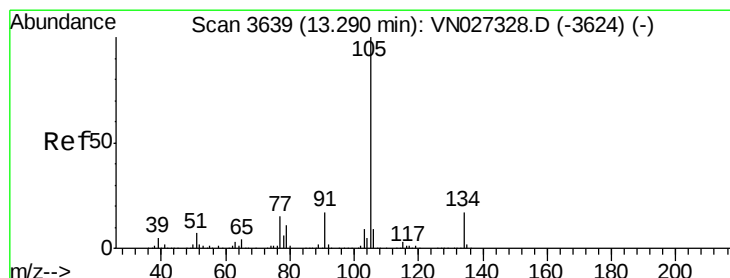
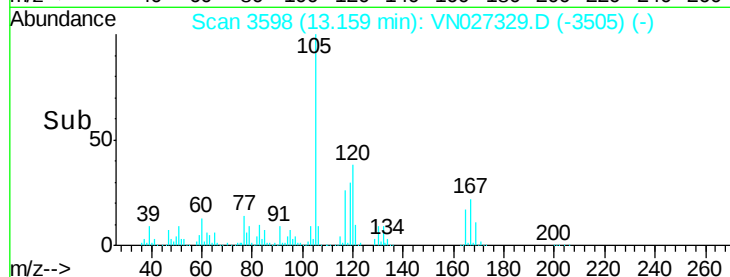
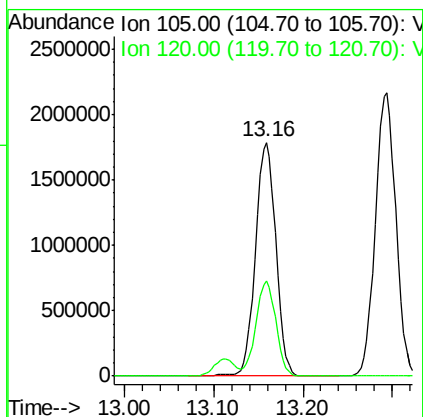
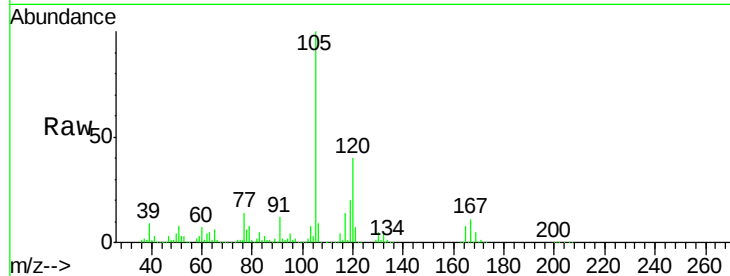




#85
 1,2,4-Trimethylbenzene
 Concen: 97.10 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

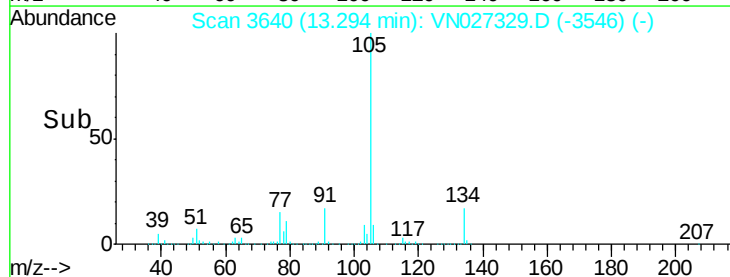
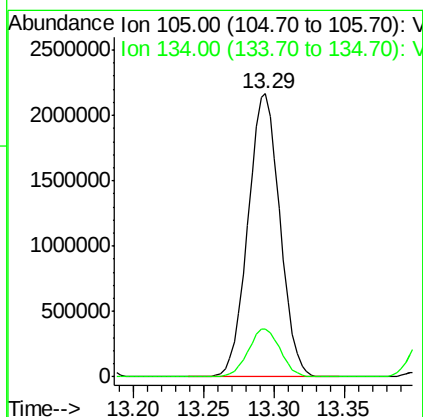
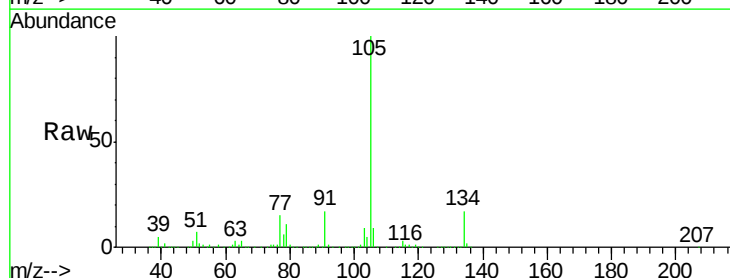
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

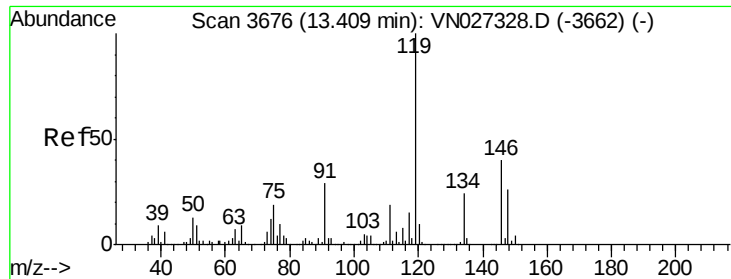
Tgt Ion:105 Resp: 2833148
 Ion Ratio Lower Upper
 105 100
 120 40.1 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 97.44 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion:105 Resp: 3433560
 Ion Ratio Lower Upper
 105 100
 134 17.0 8.8 26.4

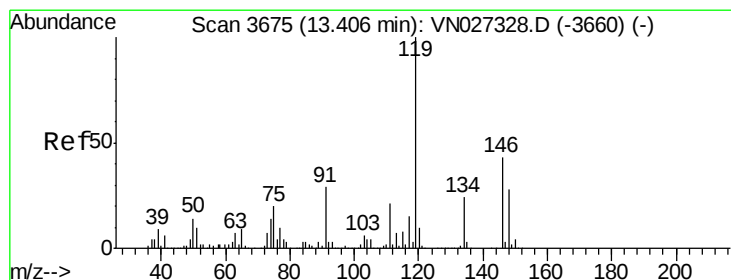
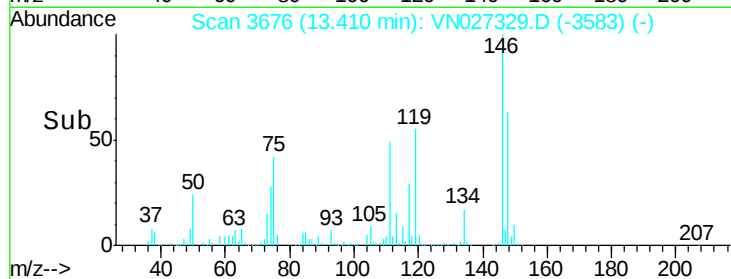
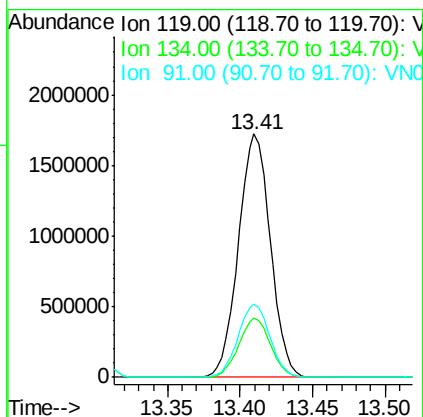
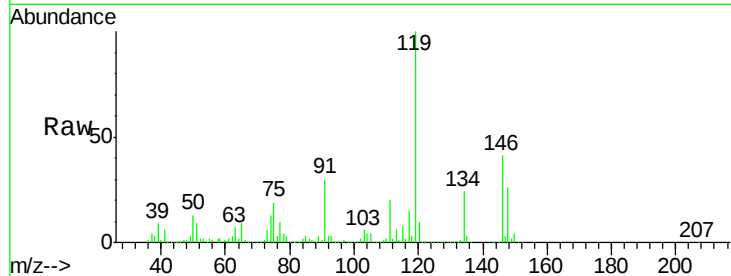




#87
p-Isopropyltoluene
Concen: 99.59 ug/l
RT: 13.41 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

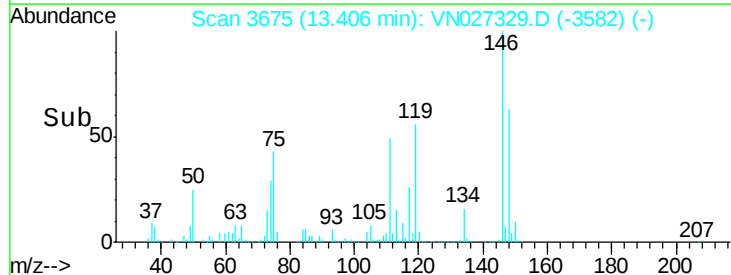
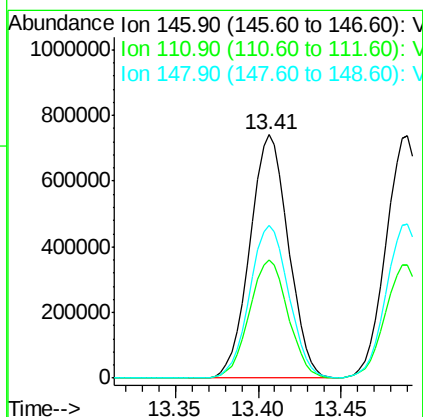
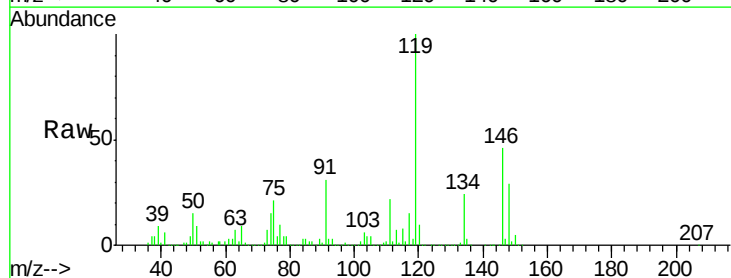
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

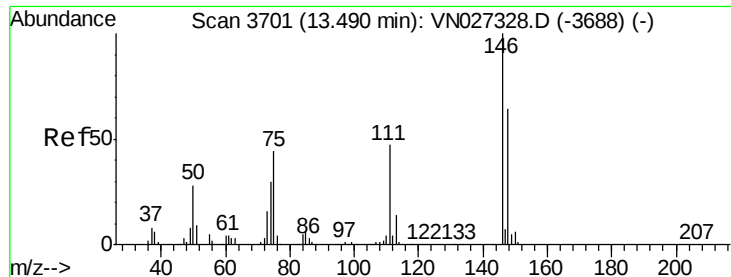
Tgt Ion:119 Resp: 2631551
Ion Ratio Lower Upper
119 100
134 24.2 12.4 37.0
91 30.0 12.0 36.1



#88
1,3-Dichlorobenzene
Concen: 97.72 ug/l
RT: 13.41 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN027329.D
Acq: 21 Sep 2015 12:16

Tgt Ion:146 Resp: 1197491
Ion Ratio Lower Upper
146 100
111 48.6 21.0 63.0
148 63.5 31.9 95.9

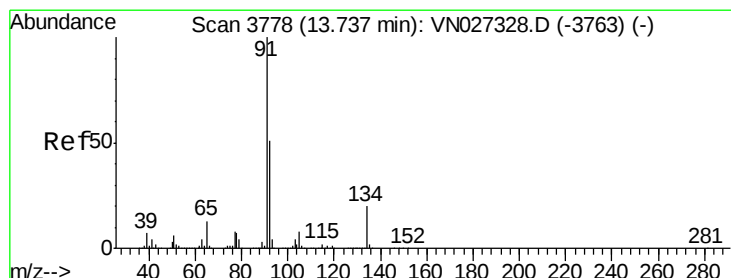
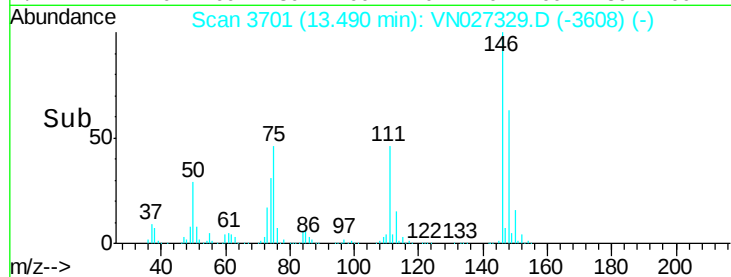
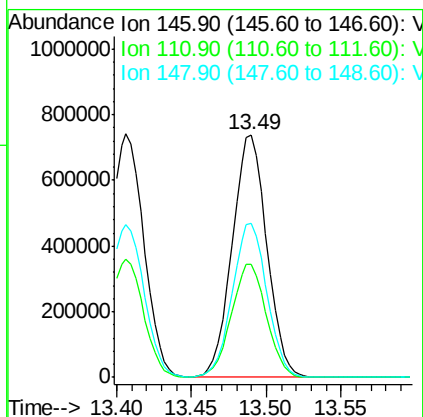
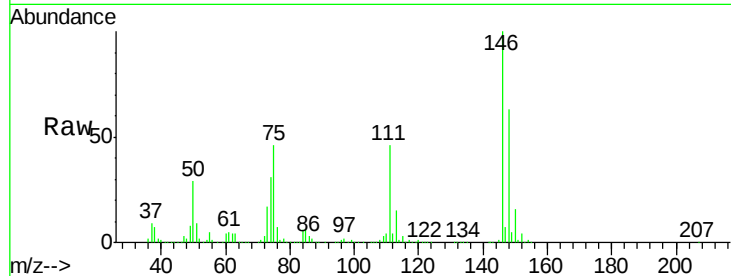




#89
 1,4-Dichlorobenzene
 Concen: 95.89 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

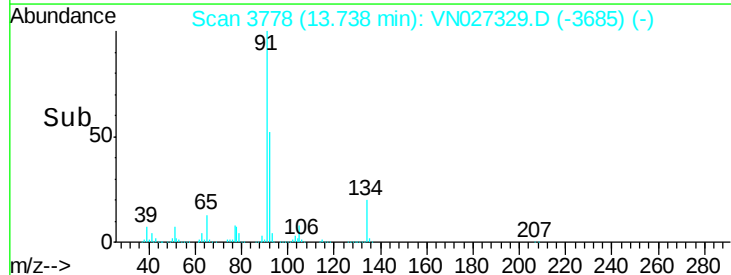
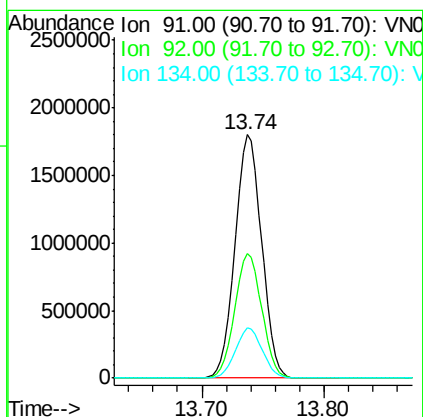
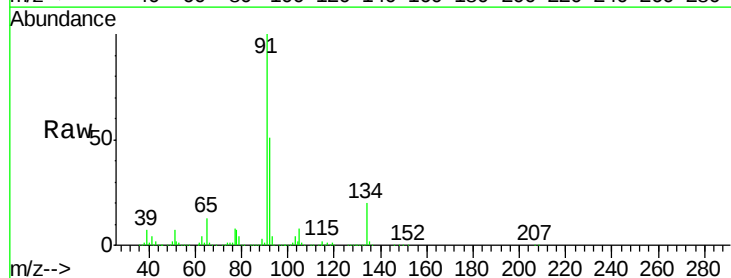
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

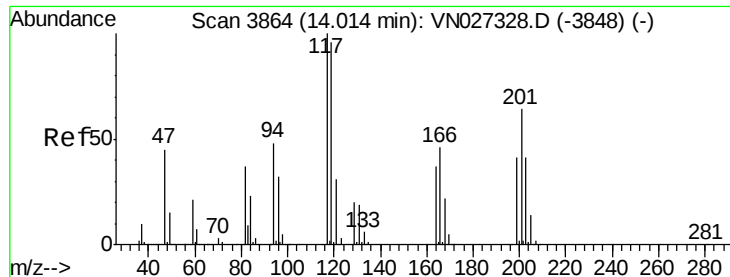
Tgt Ion: 146 Resp: 1189311
 Ion Ratio Lower Upper
 146 100
 111 47.2 19.9 59.6
 148 63.5 31.7 95.1



#90
 n-Butylbenzene
 Concen: 103.40 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Tgt Ion: 91 Resp: 2728331
 Ion Ratio Lower Upper
 91 100
 92 51.7 26.1 78.2
 134 20.6 11.1 33.1





#91

Hexachloroethane

Concen: 96.57 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

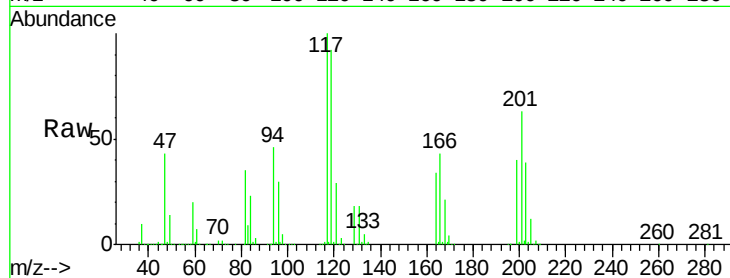
VSTDIC100

Tgt Ion:117 Resp: 545577

Ion Ratio Lower Upper

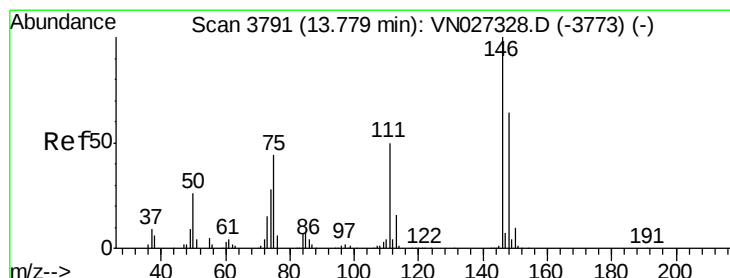
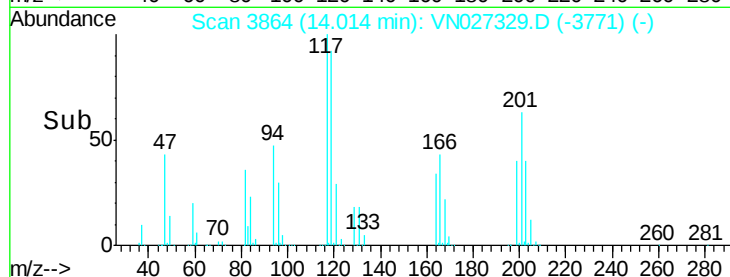
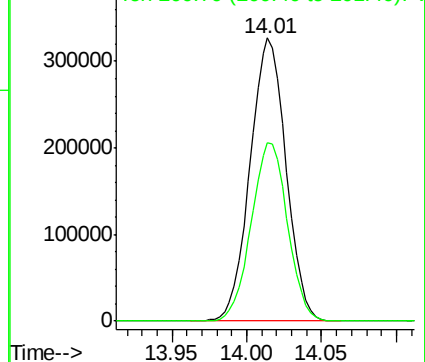
117 100

201 63.7 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 95.87 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

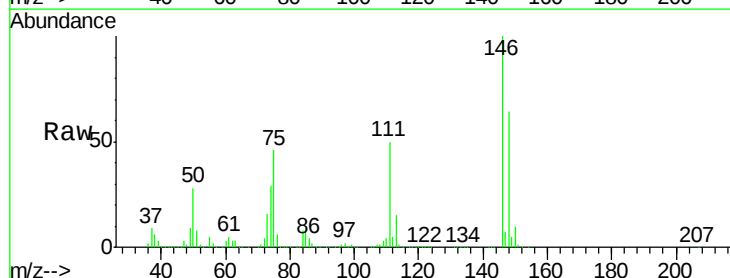
Tgt Ion:146 Resp: 1173825

Ion Ratio Lower Upper

146 100

111 50.1 22.1 66.3

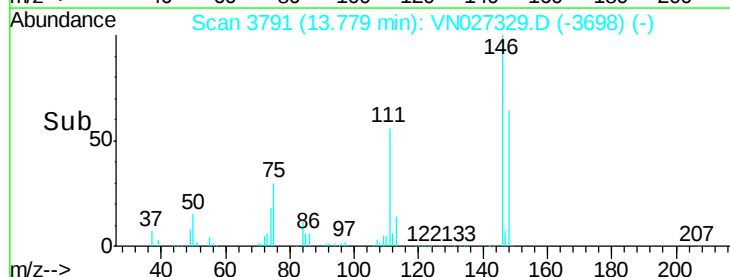
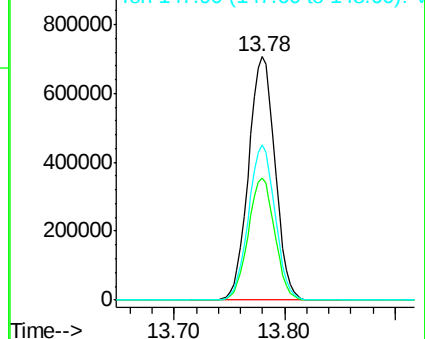
148 63.7 32.0 96.0

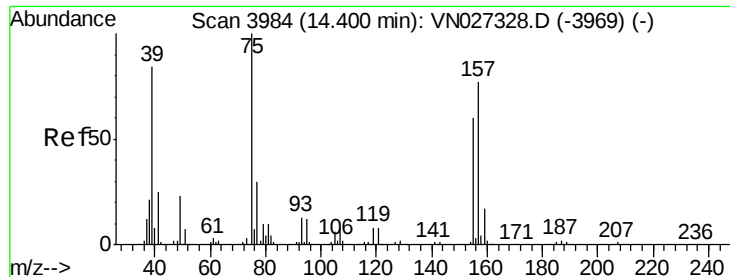


Abundance Ion 145.90 (145.60 to 146.60): V

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: 100.69 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

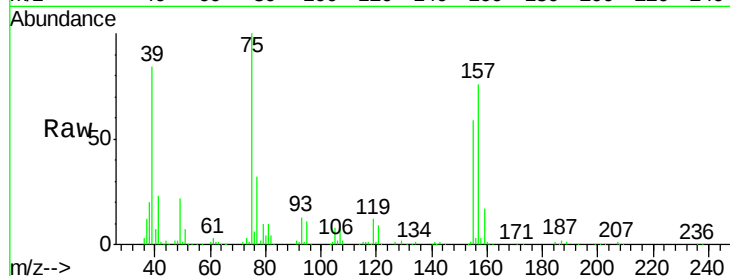
Tgt Ion: 75 Resp: 201624

Ion Ratio Lower Upper

75 100

155 58.2 35.6 106.9

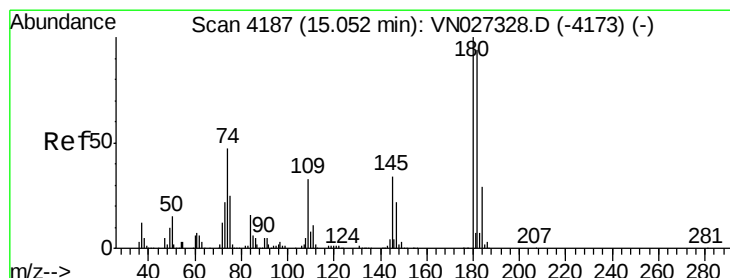
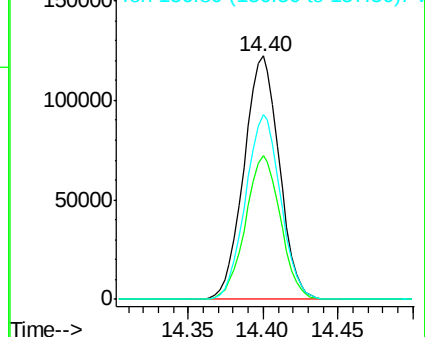
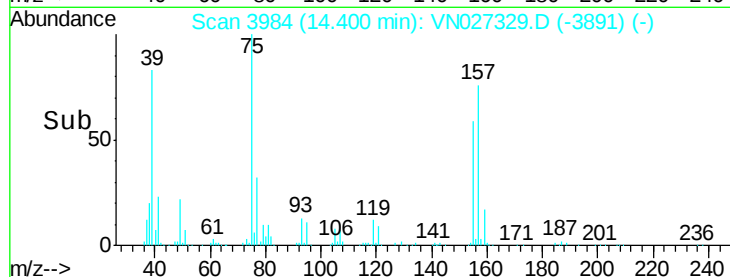
157 75.1 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN027329.D (-3891) (-)

Ion 154.80 (154.50 to 155.50): VN027329.D (-3891) (-)

Ion 156.80 (156.50 to 157.50): VN027329.D (-3891) (-)



#94

1,2,4-Trichlorobenzene

Concen: 109.94 ug/l

RT: 15.06 min Scan# 4188

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

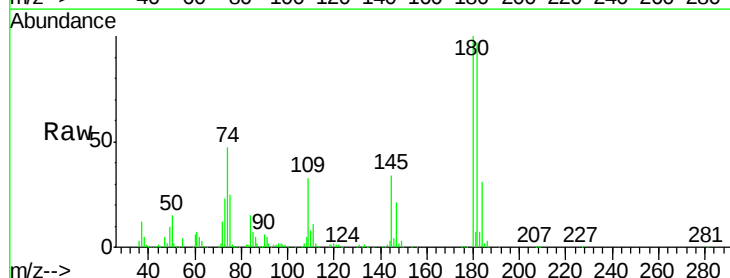
Tgt Ion: 180 Resp: 695620

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

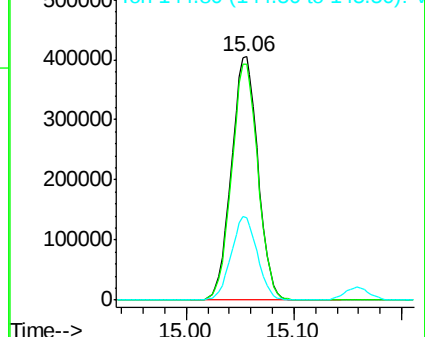
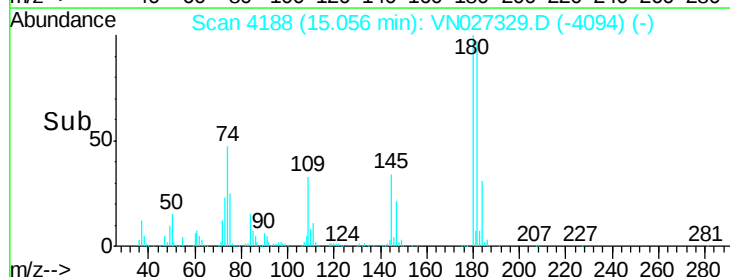
145 33.8 15.1 45.3

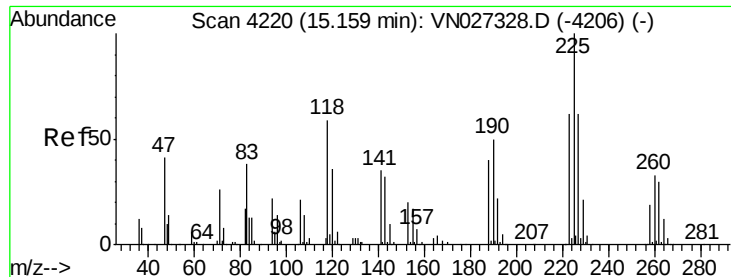


Abundance Ion 179.80 (179.50 to 180.50): VN027329.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027329.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027329.D (-4094) (-)





#95

Hexachlorobutadiene

Concen: 93.97 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

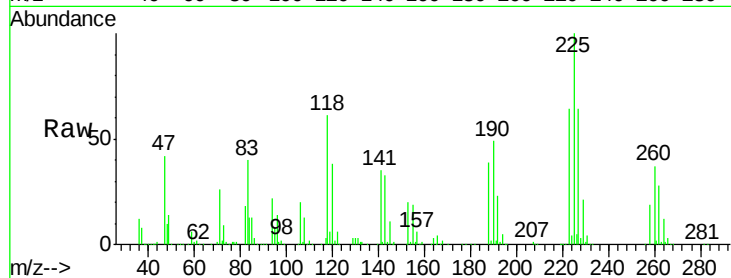
Tgt Ion:225 Resp: 325776

Ion Ratio Lower Upper

225 100

223 63.7 30.8 92.3

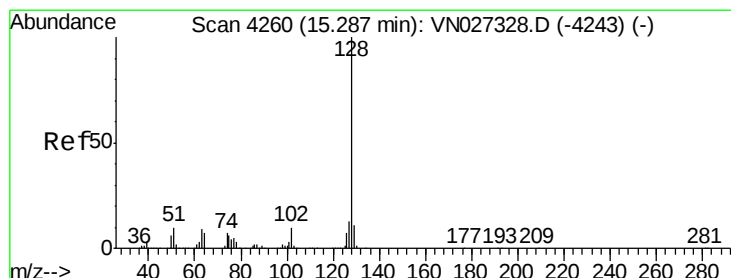
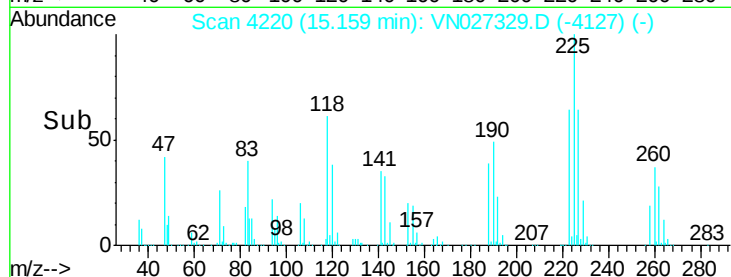
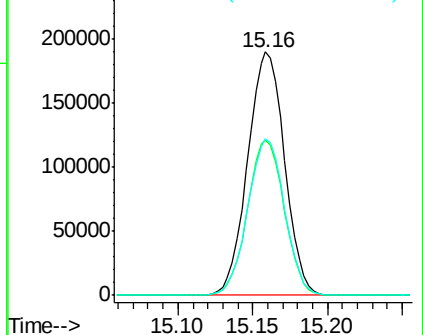
227 64.3 31.7 95.1



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: 97.77 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027329.D

Acq: 21 Sep 2015 12:16

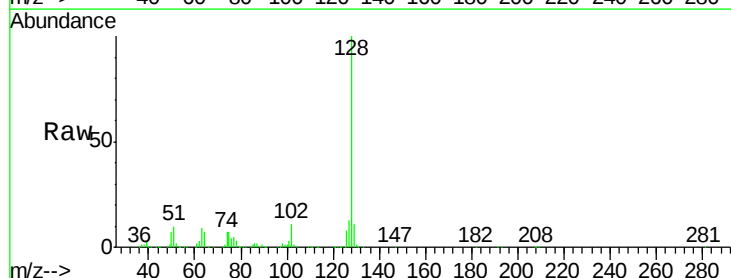
Tgt Ion:128 Resp: 1971629

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

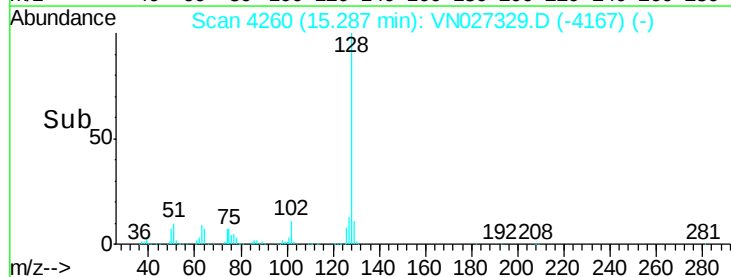
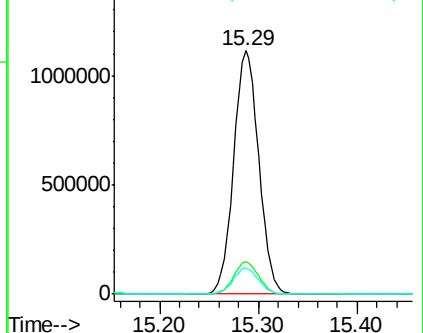
129 10.8 8.6 12.8

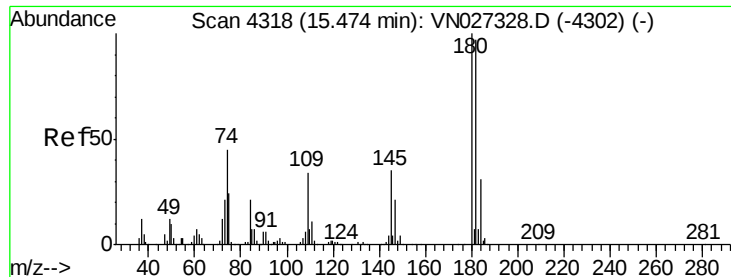


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 108.77 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027329.D
 Acq: 21 Sep 2015 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.8	146.4
145	34.9	16.6	49.8

