

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027326.D
 Acq On : 21 Sep 2015 10:46
 Operator : MD\FY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 21 12:11:23 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 12:10:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	626960	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1131258	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	954476	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	334820	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	60167	4.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.36%	
36) Dibromofluoromethane	7.67	113	35078	4.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.94%	
51) Toluene-d8	10.19	98	140144	4.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.12%	
63) 4-Bromofluorobenzene	12.52	95	48891	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	32805	4.37	ug/l	99
3) Chlorodifluoromethane	1.82	51	37727	4.35	ug/l	94
4) Chloromethane	2.01	50	37628	5.49	ug/l	94
5) Vinyl Chloride	2.14	62	41416	4.67	ug/l	96
6) Bromomethane	2.54	94	16091	5.18	ug/l	91
7) Chloroethane	2.69	64	26715	4.44	ug/l	100
8) Trichlorofluoromethane	3.02	101	62317	4.66	ug/l	90
9) Diethyl Ether	3.43	74	26235	4.26	ug/l	92
10) 1,1,2-Trichlorotrifluoroet	3.79	101	39582	4.71	ug/l	94
11) Methyl Iodide	3.99	142	15742	1.93	ug/l	90
12) Tert butyl alcohol	4.80	59	26141	20.81	ug/l #	84
13) 1,1-Dichloroethene	3.77	96	35922	4.46	ug/l	90
14) Acrolein	3.62	56	24885	16.86	ug/l #	50
15) Allyl chloride	4.37	41	69057	4.25	ug/l #	82
16) Acrylonitrile	5.04	53	78708	19.16	ug/l	93
17) Acetone	3.83	43	83910	24.23	ug/l	96
18) Carbon Disulfide	4.11	76	109214	4.17	ug/l	100
19) Methyl Acetate	4.37	43	98809	3.94	ug/l	97
20) Methyl tert-butyl Ether	5.12	73	145145	4.49	ug/l	96
21) Methylene Chloride	4.60	84	46475	4.82	ug/l	95
22) trans-1,2-Dichloroethene	5.12	96	38552	4.43	ug/l	95
23) Diisopropyl ether	6.03	45	151562	4.44	ug/l #	79
24) Vinyl Acetate	5.98	43	302419	26.78	ug/l	99
25) 1,1-Dichloroethane	5.93	63	90151	4.55	ug/l	98
26) 2-Butanone	6.92	43	106670	20.45	ug/l	92
27) 2,2-Dichloropropane	6.92	77	77787	4.52	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	46241	4.63	ug/l	95
29) Bromochloromethane	7.29	49	33930	4.41	ug/l	97
30) Tetrahydrofuran	7.32	42	66535	18.51	ug/l #	88
31) Chloroform	7.45	83	84416	4.71	ug/l	96
32) Cyclohexane	7.77	56	99066	4.78	ug/l #	84
33) 1,1,1-Trichloroethane	7.67	97	72613	4.55	ug/l	98
37) 1,1-Dichloropropene	7.89	75	61229	4.62	ug/l	100
38) Ethyl Acetate	7.03	43	46277	3.11	ug/l	97

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 21 12:11:23 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 12:10:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	59408	4.77	ug/l	95
40) Methylcyclohexane	9.19	83	78297	4.86	ug/l	97
41) Benzene	8.14	78	182888	4.73	ug/l	98
42) Methacrylonitrile	7.24	41	25071	3.92	ug/l #	82
43) 1,2-Dichloroethane	8.22	62	75422	4.85	ug/l	95
44) Isopropyl Acetate	8.25	43	90040	4.25	ug/l	99
45) Trichloroethene	8.94	130	36123	4.65	ug/l	89
46) 1,2-Dichloropropane	9.22	63	51182	4.60	ug/l	96
47) Dibromomethane	9.31	93	30014	4.60	ug/l	91
48) Bromodichloromethane	9.49	83	62238	4.52	ug/l	99
49) Methyl methacrylate	9.29	41	43248	4.10	ug/l #	86
50) 1,4-Dioxane	9.31	88	10976	88.76	ug/l	92
52) 4-Methyl-2-Pentanone	10.07	43	234397	20.95	ug/l	97
53) Toluene	10.26	92	110426	4.88	ug/l	96
54) t-1,3-Dichloropropene	10.47	75	65706	4.25	ug/l	97
55) cis-1,3-Dichloropropene	9.93	75	74940	4.46	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	39570	4.65	ug/l	96
57) Ethyl methacrylate	10.52	69	61081	4.26	ug/l #	90
58) 1,3-Dichloropropane	10.80	76	75418	4.78	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	136206	20.70	ug/l	96
60) 2-Hexanone	10.84	43	161716	21.23	ug/l	99
61) Dibromochloromethane	11.00	129	39557	4.55	ug/l	94
62) 1,2-Dibromoethane	11.11	107	37786	4.52	ug/l	98
65) Tetrachloroethene	10.74	164	30509	5.00	ug/l	92
66) Chlorobenzene	11.54	112	108300	4.81	ug/l	97
67) 1,1,1,2-Tetrachloroethane	11.62	131	37252	4.85	ug/l	97
68) Ethyl Benzene	11.62	91	201438	4.71	ug/l	98
69) m/p-Xylenes	11.73	106	138073	9.37	ug/l	93
70) o-Xylene	12.06	106	71462	4.84	ug/l	96
71) Styrene	12.07	104	105349	4.42	ug/l	92
72) Bromoform	12.24	173	23524	4.40	ug/l #	97
74) Isopropylbenzene	12.36	105	184480	5.00	ug/l	99
75) N-amyl acetate	12.17	43	67798	4.12	ug/l	98
76) 1,1,2,2-Tetrachloroethane	12.61	83	50905	2.04	ug/l	100
77) 1,2,3-Trichloropropane	12.66	75	70980	7.01	ug/l	53
78) Bromobenzene	12.64	156	36148	5.00	ug/l	96
79) n-propylbenzene	12.71	91	210343	4.85	ug/l	96
80) 2-Chlorotoluene	12.79	91	133127	5.11	ug/l	94
81) 1,3,5-Trimethylbenzene	12.85	105	145386	4.90	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	17472	4.24	ug/l	92
83) 4-Chlorotoluene	12.89	91	122161	4.77	ug/l	97
84) tert-Butylbenzene	13.11	119	121493	4.97	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	144262	4.85	ug/l	97
86) sec-Butylbenzene	13.29	105	171311	4.78	ug/l	99
87) p-Isopropyltoluene	13.41	119	127872	4.63	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	60062	4.85	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	57704	4.60	ug/l	86
90) n-Butylbenzene	13.74	91	119220	4.45	ug/l	98
91) Hexachloroethane	14.01	117	27315	4.52	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	60545	4.95	ug/l	95

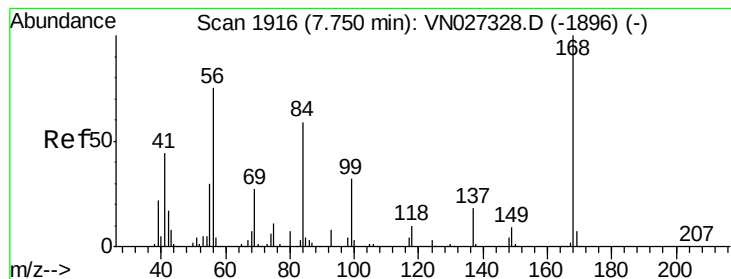
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027326.D
Acq On : 21 Sep 2015 10:46
Operator : MD\FY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 21 12:11:23 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 12:10:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	8887	2.92	ug/l	81
94) 1,2,4-Trichlorobenzene	15.05	180	24629	3.73	ug/l	92
95) Hexachlorobutadiene	15.16	225	17275	4.96	ug/l	97
96) Naphthalene	15.29	128	64055	3.31	ug/l	98
97) 1,2,3-Trichlorobenzene	15.48	180	25341	3.86	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

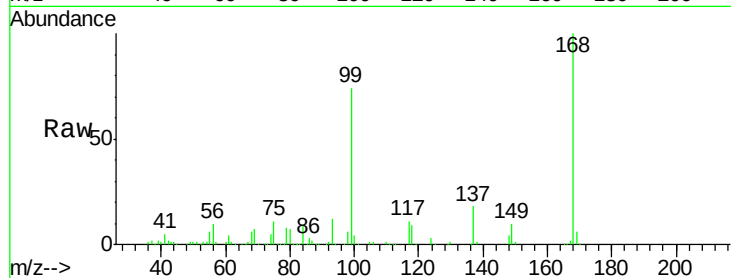
VSTDIC005

Tgt Ion:168 Resp: 626960

Ion Ratio Lower Upper

168 100

99 73.4 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

250000

200000

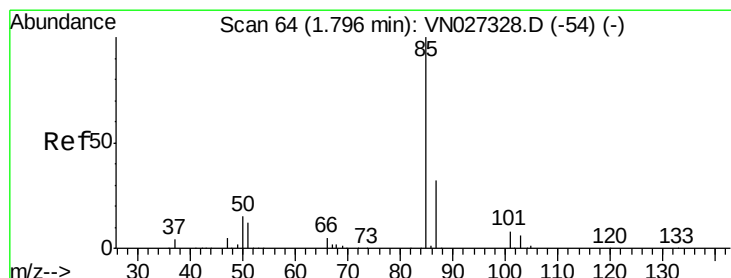
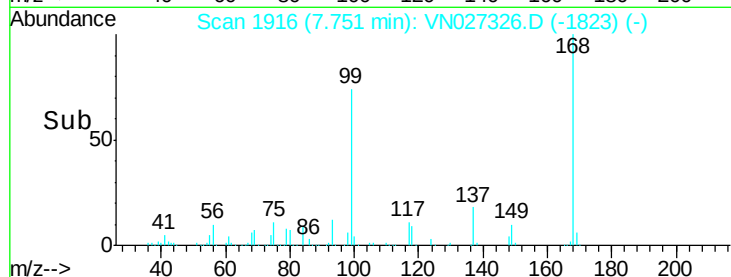
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.37 ug/l

RT: 1.80 min Scan# 64

Delta R.T. 0.00 min

Lab File: VN027326.D

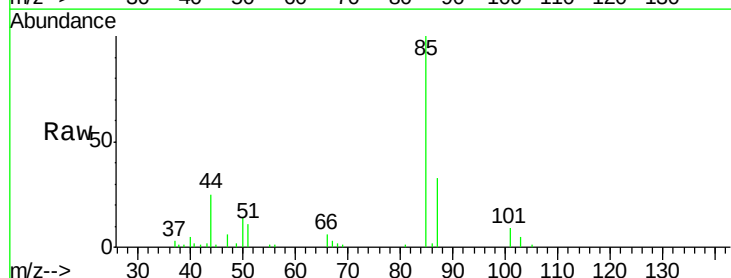
Acq: 21 Sep 2015 10:46

Tgt Ion: 85 Resp: 32805

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.80

25000

20000

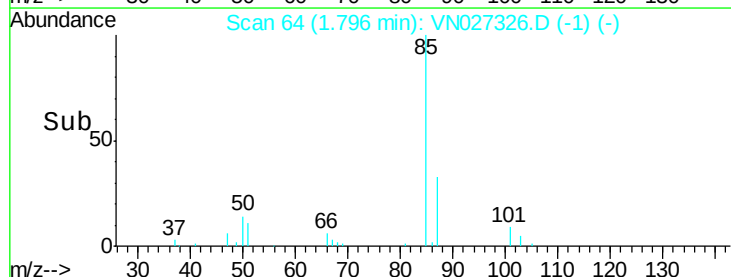
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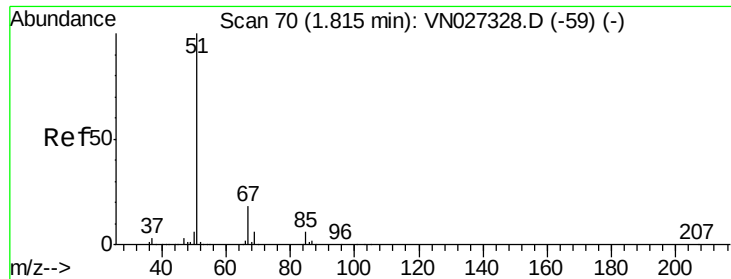
10000

5000

0

Time-->





#3

Chlorodifluoromethane

Concen: 4.35 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

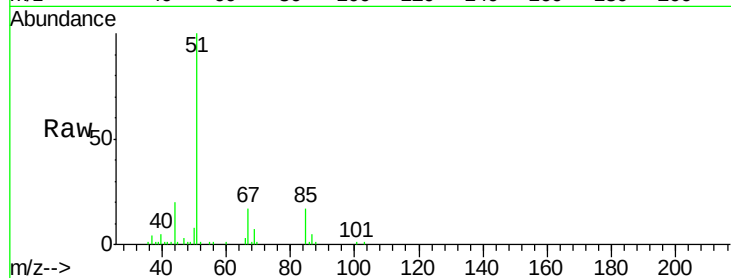
VSTDIC005

Tgt Ion: 51 Resp: 37727

Ion Ratio Lower Upper

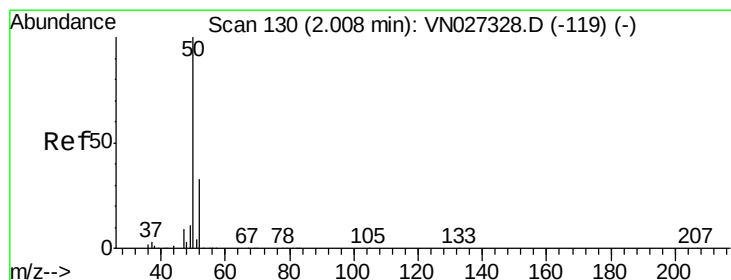
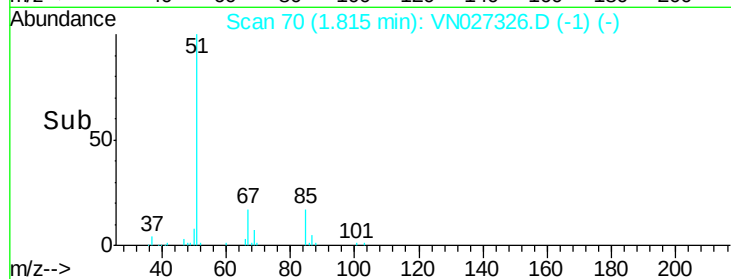
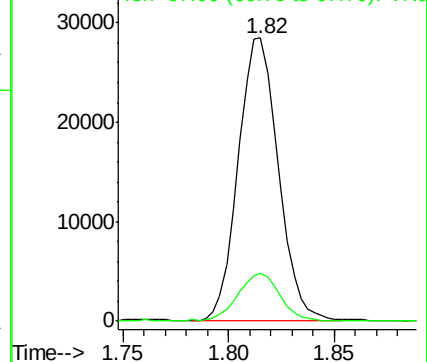
51 100

67 17.8 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 5.49 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027326.D

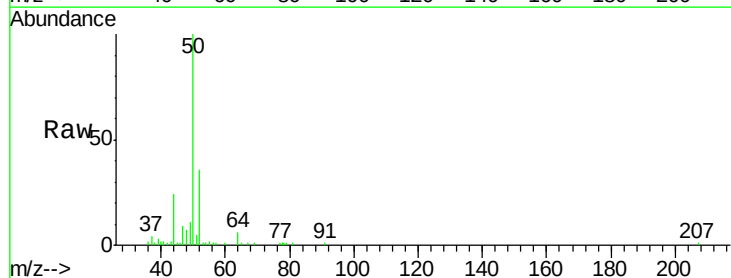
Acq: 21 Sep 2015 10:46

Tgt Ion: 50 Resp: 37628

Ion Ratio Lower Upper

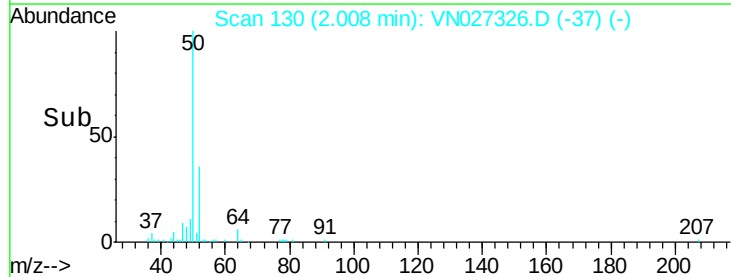
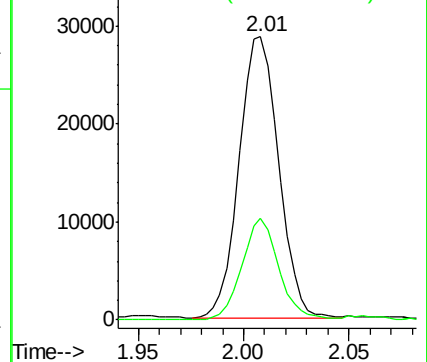
50 100

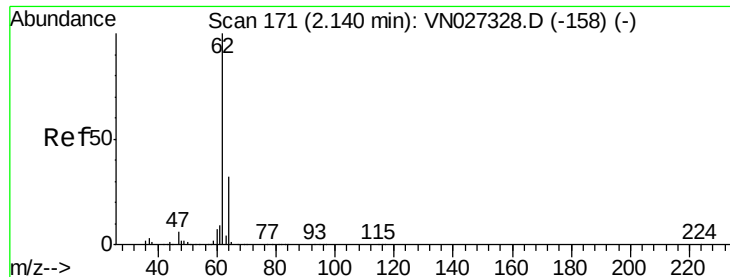
52 35.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 4.67 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

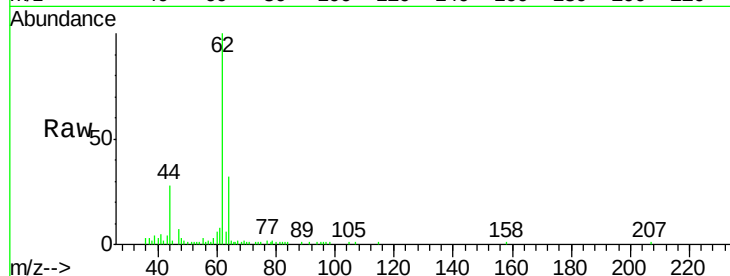
VSTDIC005

Tgt Ion: 62 Resp: 41416

Ion Ratio Lower Upper

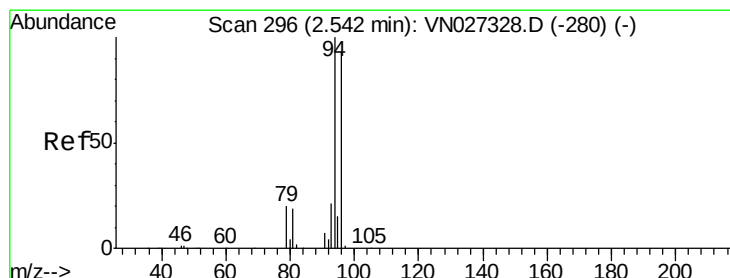
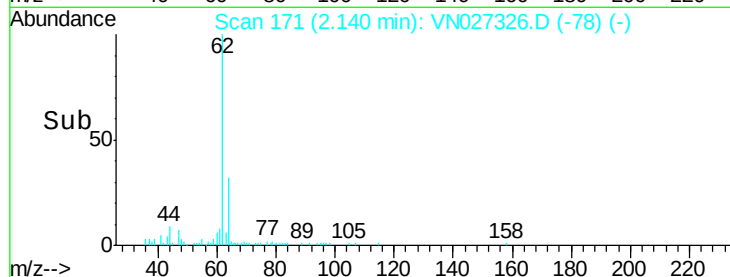
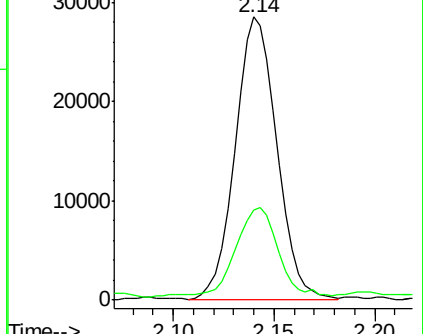
62 100

64 30.0 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: 5.18 ug/l

RT: 2.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VN027326.D

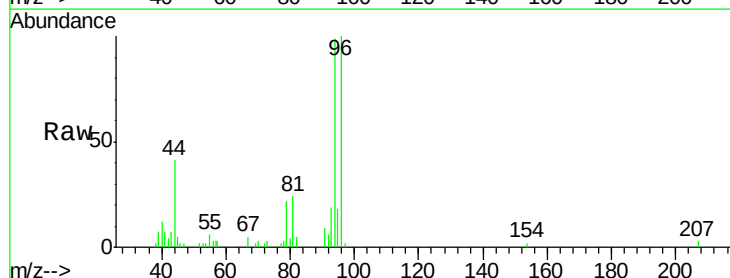
Acq: 21 Sep 2015 10:46

Tgt Ion: 94 Resp: 16091

Ion Ratio Lower Upper

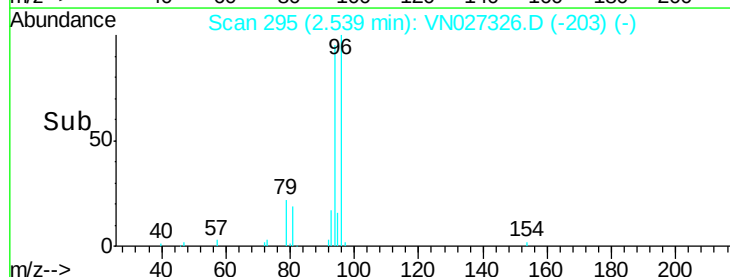
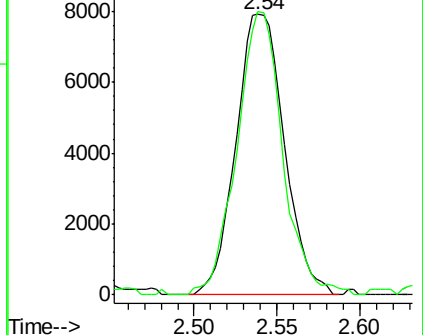
94 100

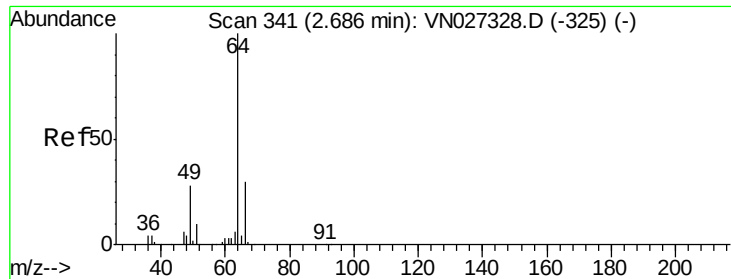
96 100.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#7

Chloroethane

Concen: 4.44 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

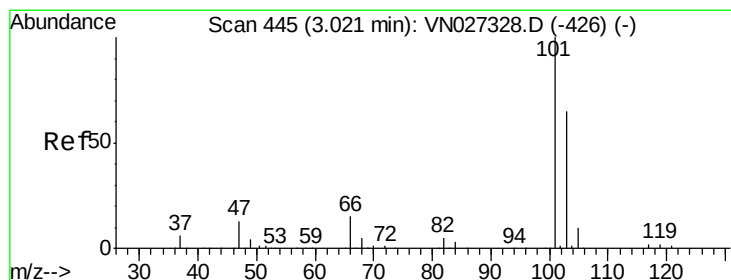
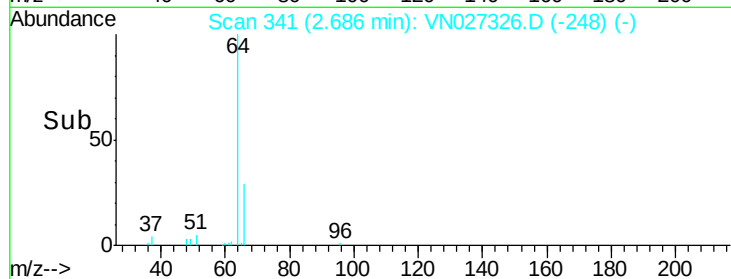
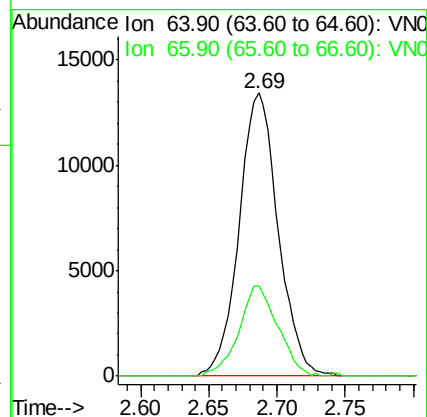
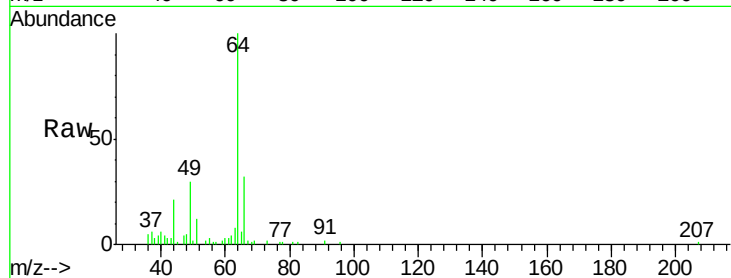
VSTDIC005

Tgt Ion: 64 Resp: 26715

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



#8

Trichlorofluoromethane

Concen: 4.66 ug/l

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027326.D

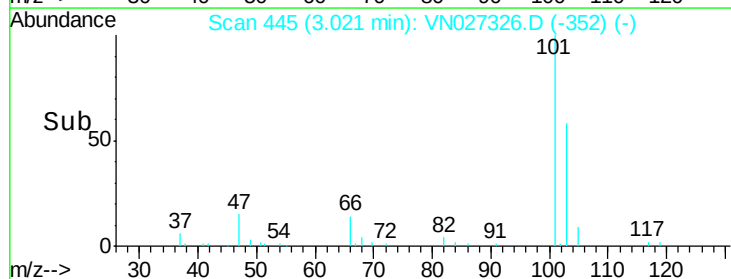
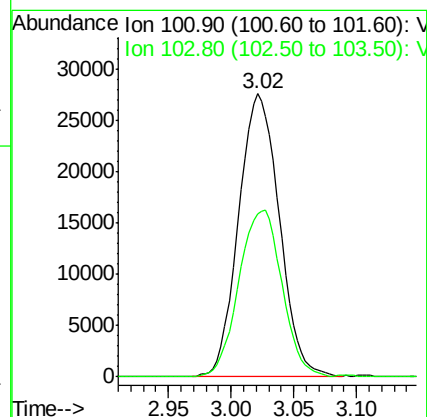
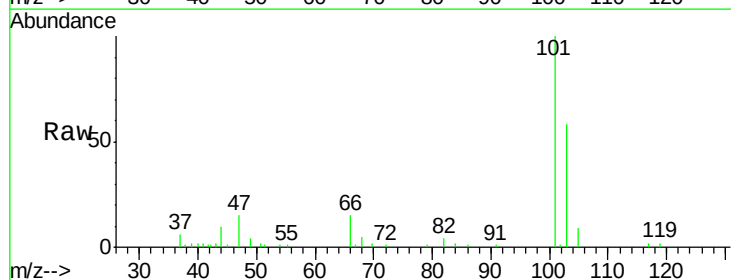
Acq: 21 Sep 2015 10:46

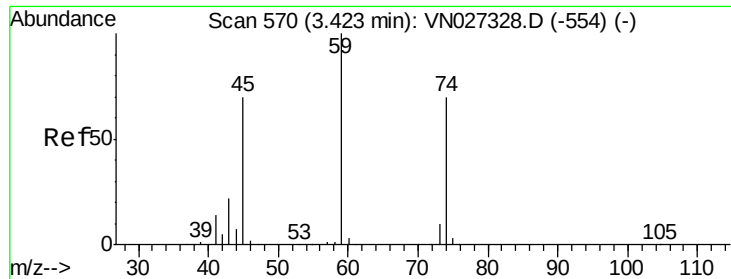
Tgt Ion: 101 Resp: 62317

Ion Ratio Lower Upper

101 100

103 57.6 52.6 79.0





#9

Diethyl Ether

Concen: 4.26 ug/l

RT: 3.43 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

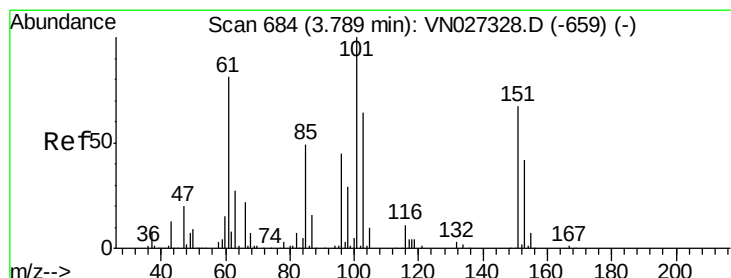
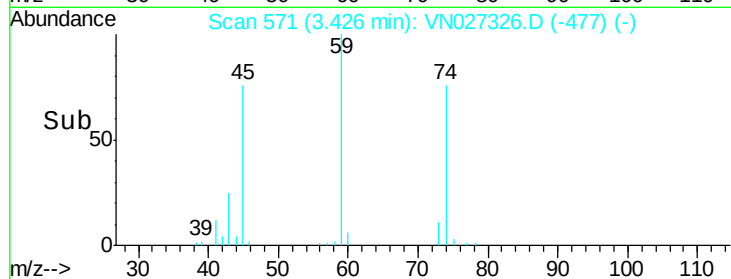
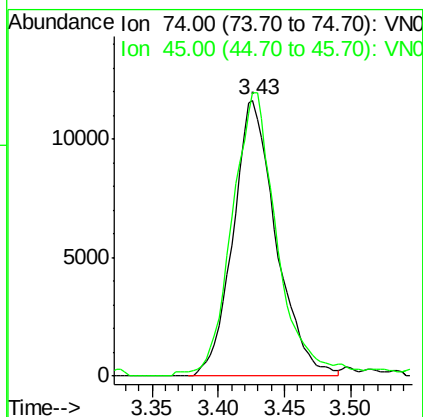
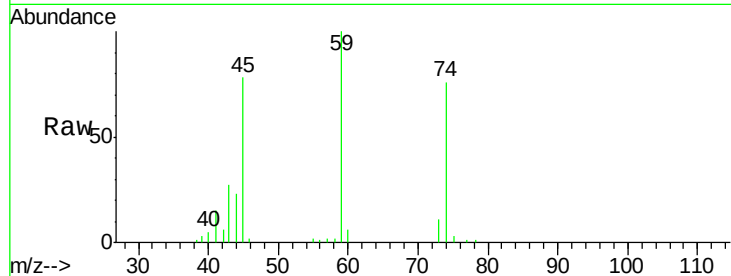
VSTDIC005

Tgt Ion: 74 Resp: 26235

Ion Ratio Lower Upper

74 100

45 107.8 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 4.71 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

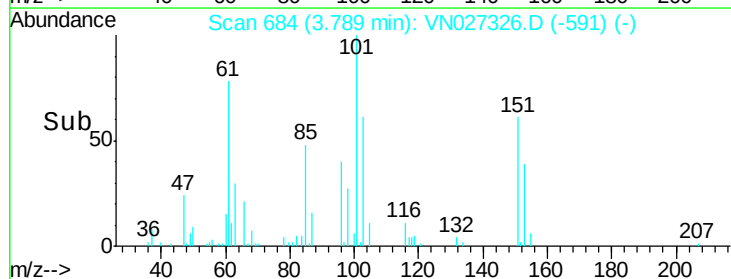
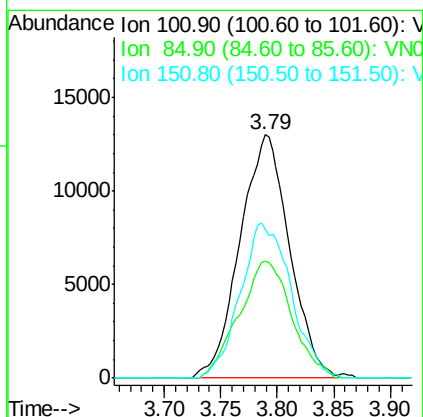
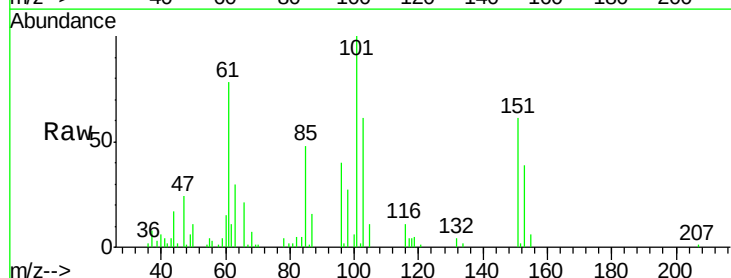
Tgt Ion: 101 Resp: 39582

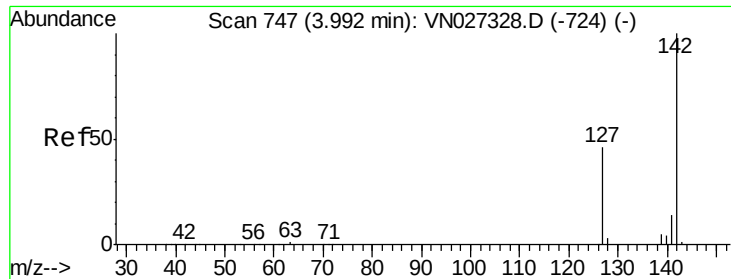
Ion Ratio Lower Upper

101 100

85 51.0 37.4 56.0

151 65.2 55.9 83.9

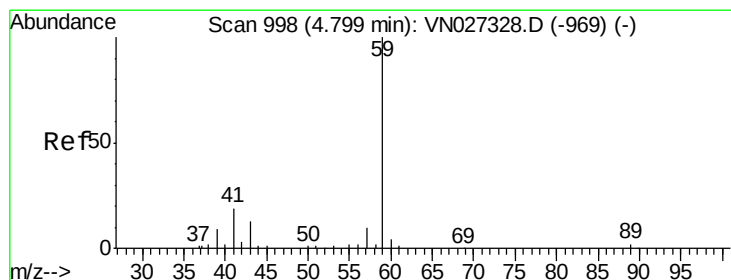
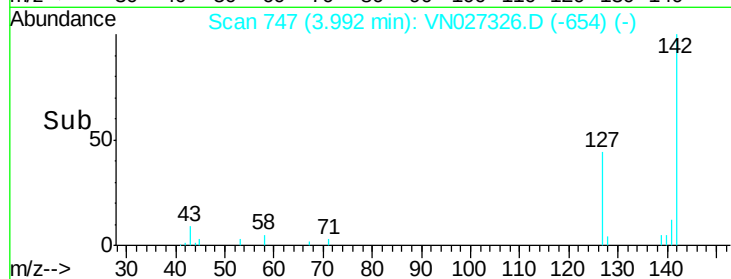
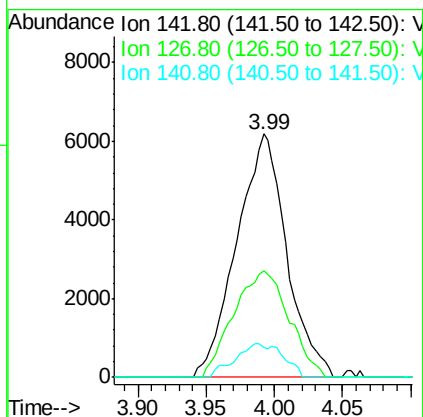
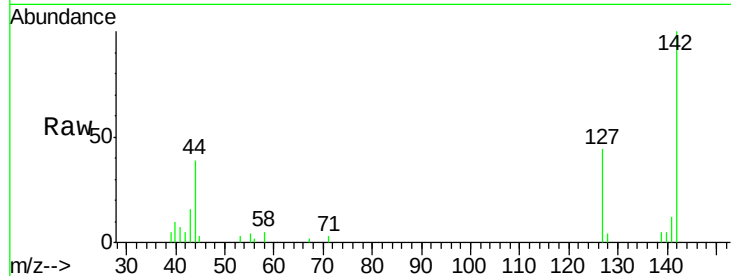




#11
Methyl Iodide
Concen: 1.93 ug/l
RT: 3.99 min Scan# 747
Delta R.T. 0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

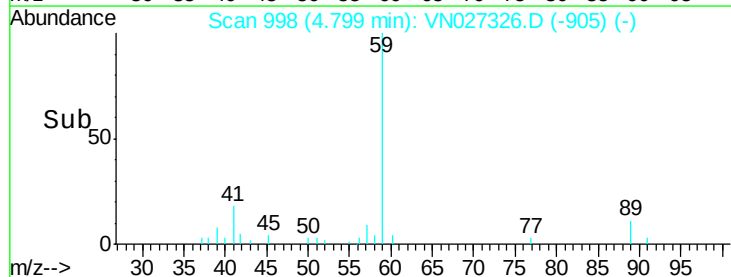
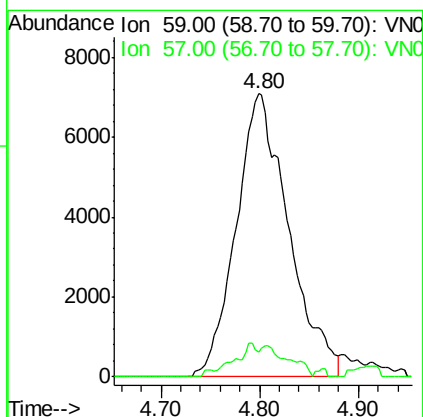
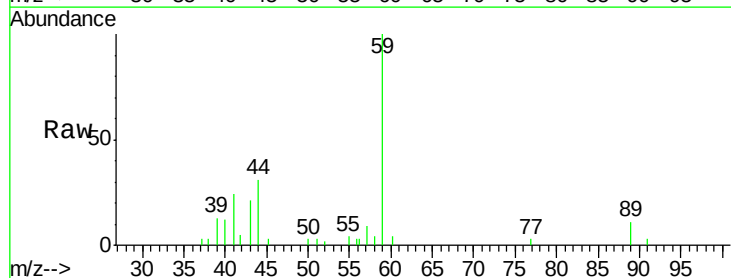
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

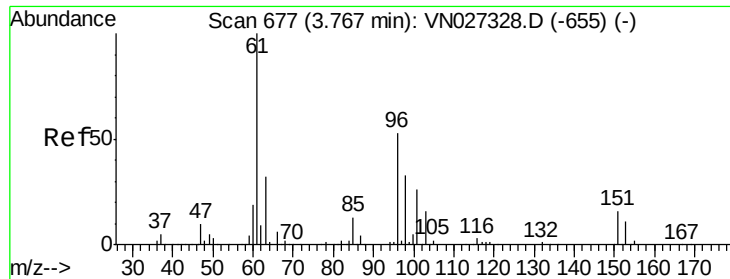
Tgt Ion: 142 Resp: 15742
Ion Ratio Lower Upper
142 100
127 48.4 32.3 48.5
141 13.2 11.2 16.8



#12
Tert butyl alcohol
Concen: 20.81 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

Tgt Ion: 59 Resp: 26141
Ion Ratio Lower Upper
59 100
57 3.5 7.6 11.4#

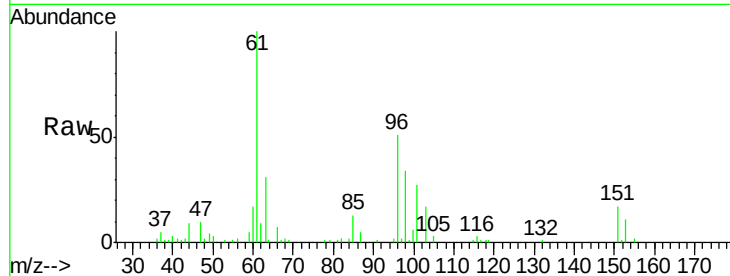




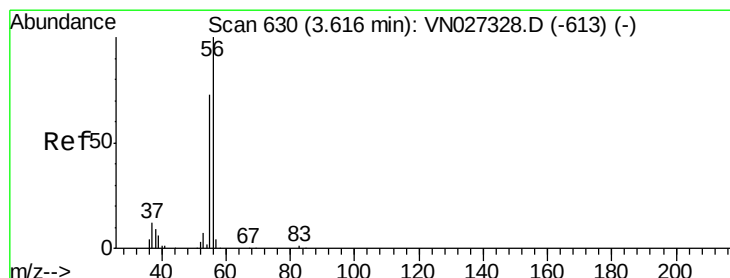
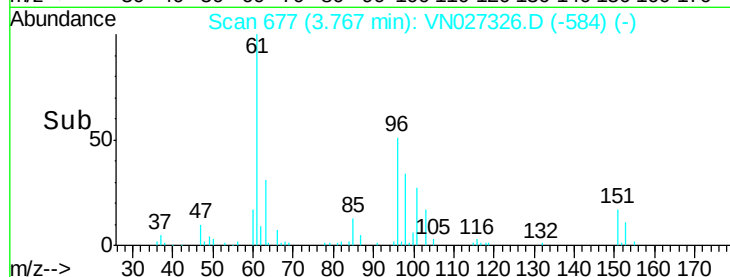
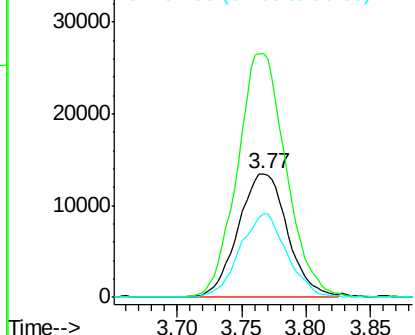
#13
 1,1-Dichloroethene
 Concen: 4.46 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 35922
 Ion Ratio Lower Upper
 96 100
 61 196.1 143.8 215.8
 98 68.1 50.3 75.5

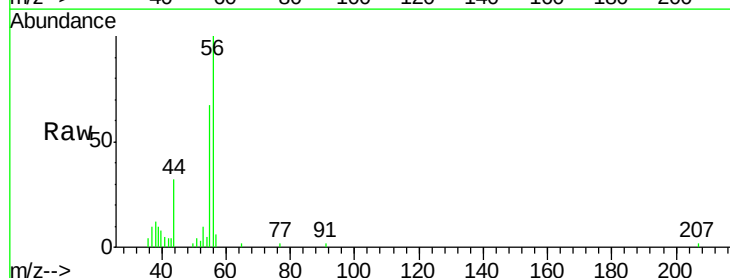


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

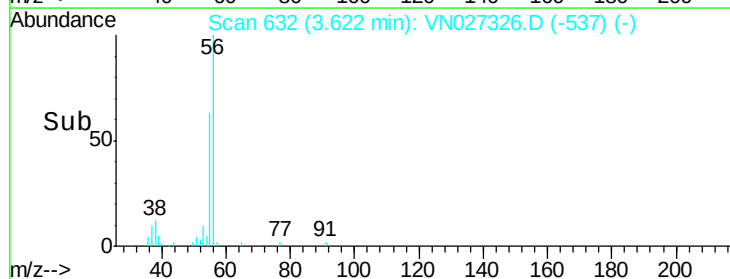
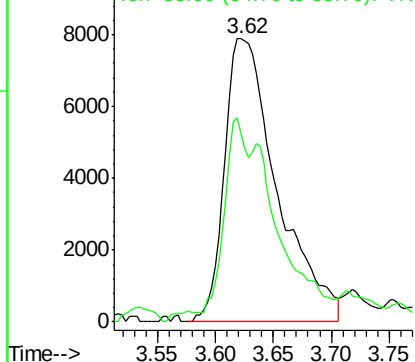


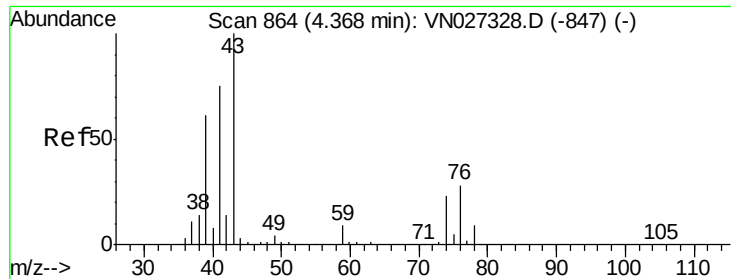
#14
 Acrolein
 Concen: 16.86 ug/l
 RT: 3.62 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 56 Resp: 24885
 Ion Ratio Lower Upper
 56 100
 55 29.0 55.7 83.5#



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

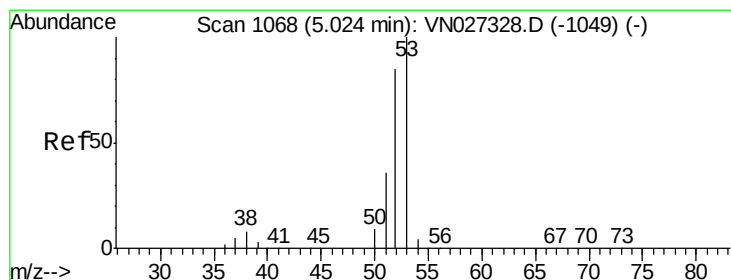
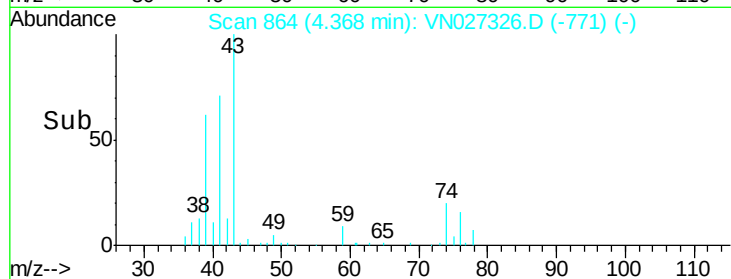
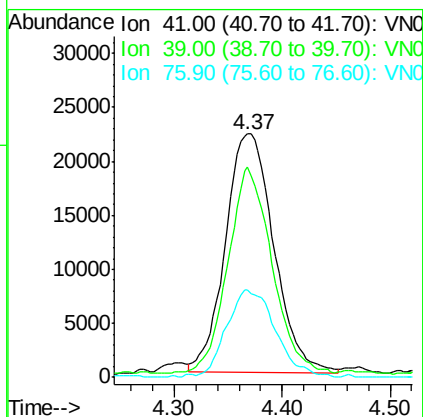
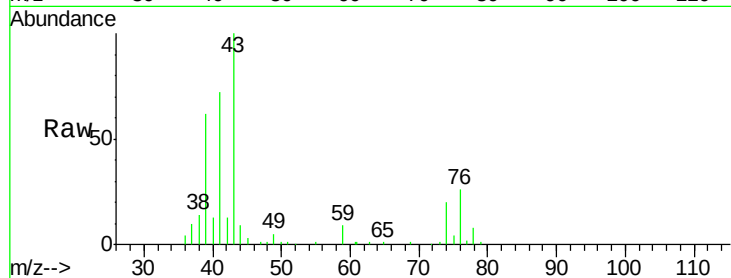




#15
 Allyl chloride
 Concen: 4.25 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

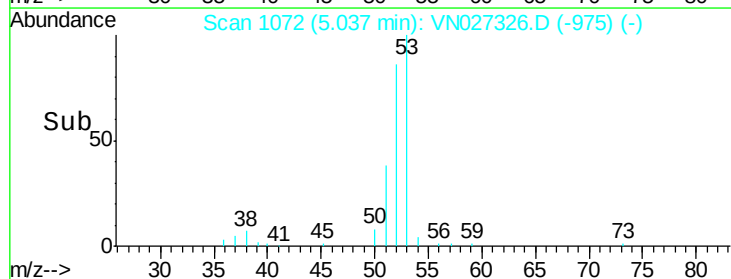
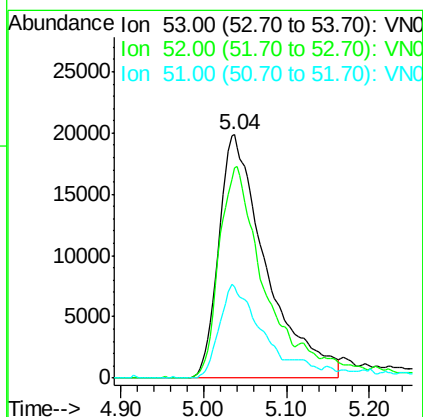
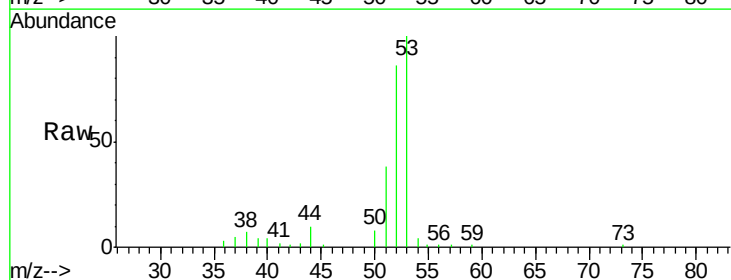
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

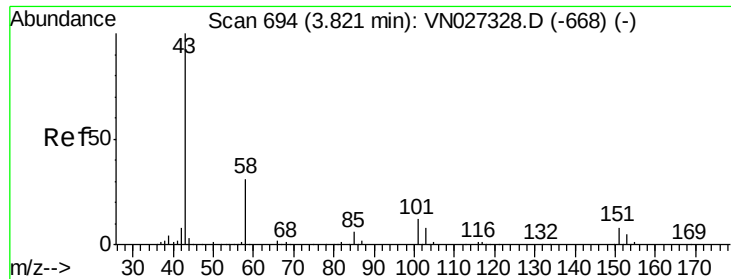
Tgt Ion: 41 Resp: 69057
 Ion Ratio Lower Upper
 41 100
 39 78.3 49.7 74.5#
 76 36.9 24.8 37.2



#16
 Acrylonitrile
 Concen: 19.16 ug/l
 RT: 5.04 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 53 Resp: 78708
 Ion Ratio Lower Upper
 53 100
 52 76.3 66.9 100.3
 51 31.8 27.4 41.0





#17

Acetone

Concen: 24.23 ug/l

RT: 3.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

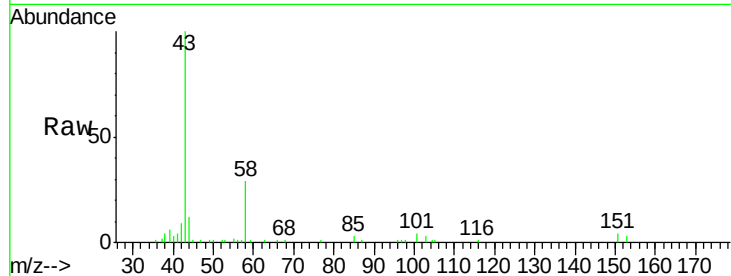
VSTDIC005

Tgt Ion: 43 Resp: 83910

Ion Ratio Lower Upper

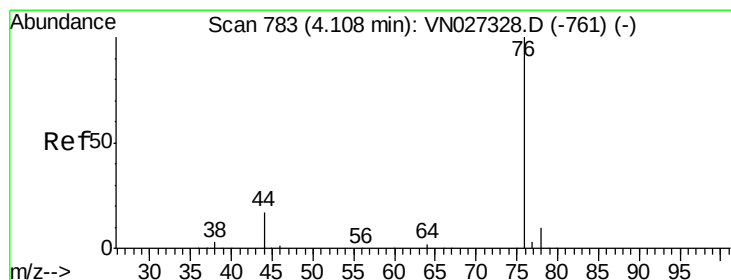
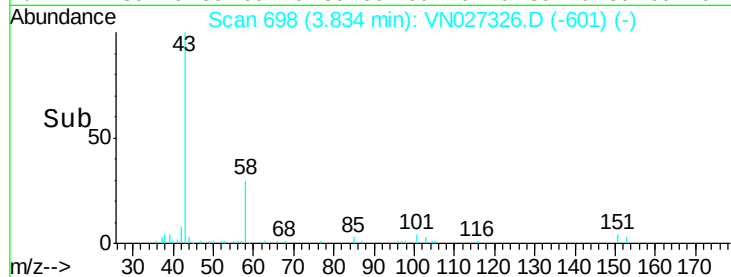
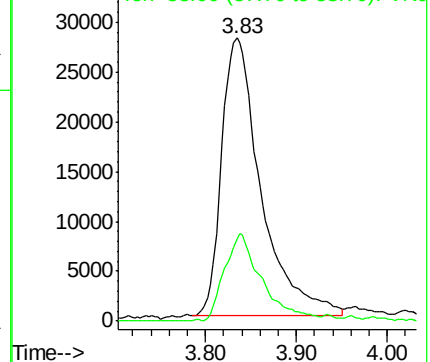
43 100

58 29.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 4.17 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027326.D

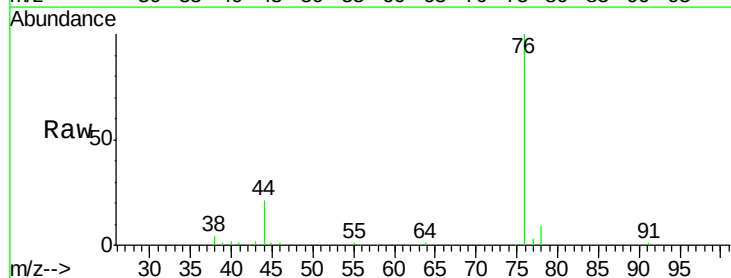
Acq: 21 Sep 2015 10:46

Tgt Ion: 76 Resp: 109214

Ion Ratio Lower Upper

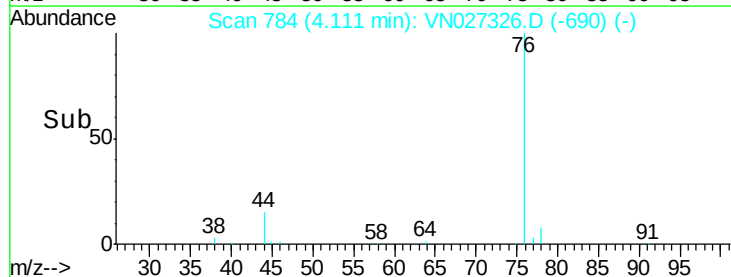
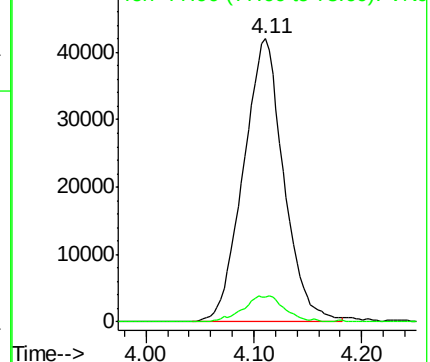
76 100

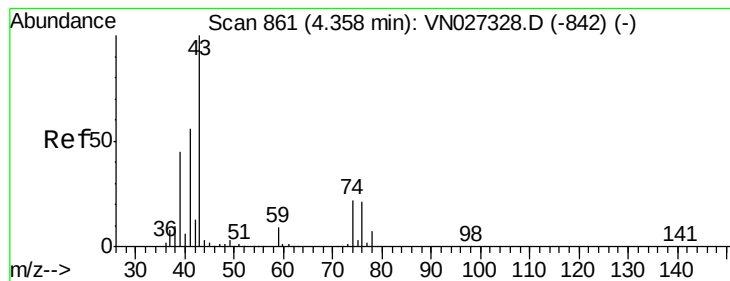
78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#19

Methyl Acetate

Concen: 3.94 ug/l

RT: 4.37 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

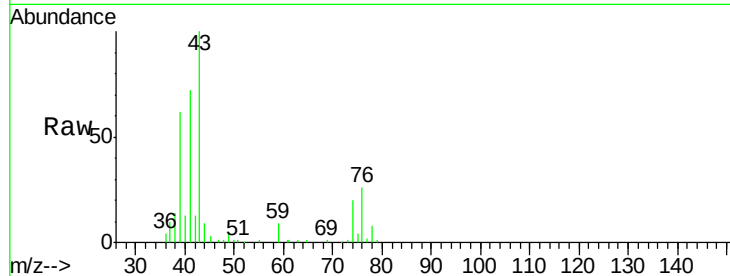
VSTDIC005

Tgt Ion: 43 Resp: 98809

Ion Ratio Lower Upper

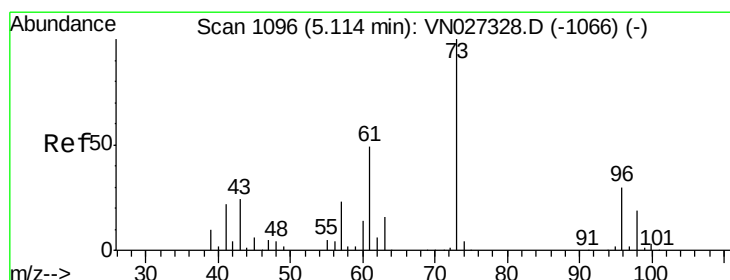
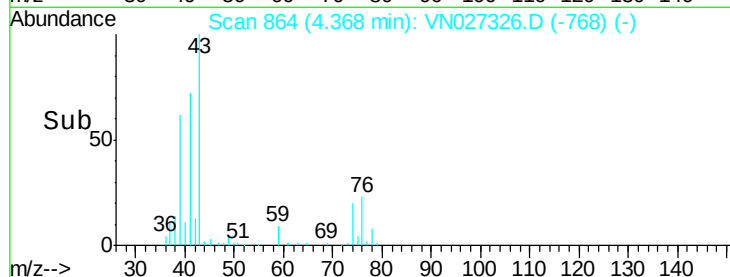
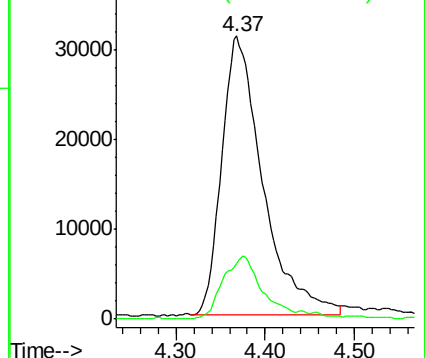
43 100

74 21.6 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methyl tert-butyl Ether

Concen: 4.49 ug/l

RT: 5.12 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VN027326.D

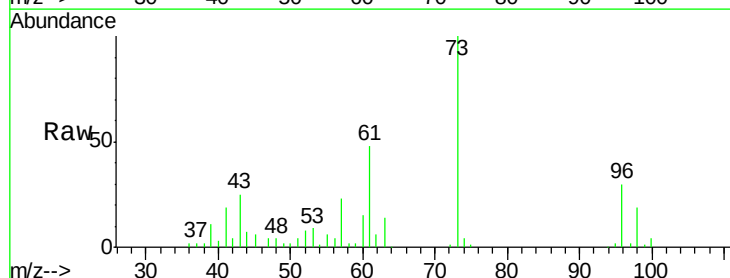
Acq: 21 Sep 2015 10:46

Tgt Ion: 73 Resp: 145145

Ion Ratio Lower Upper

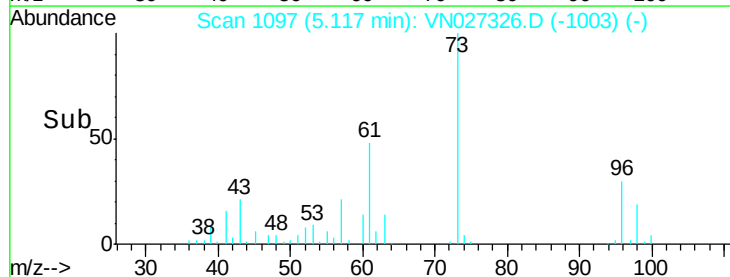
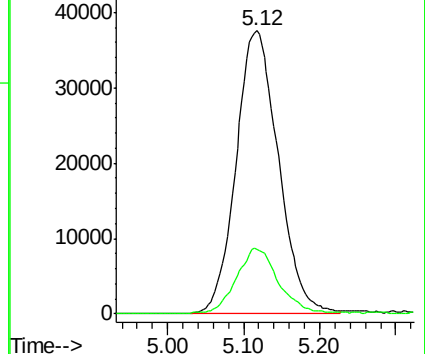
73 100

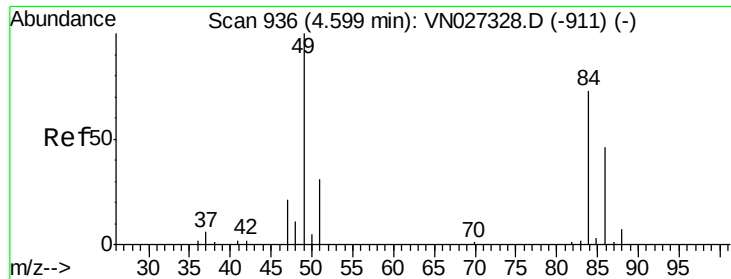
57 22.8 19.8 29.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

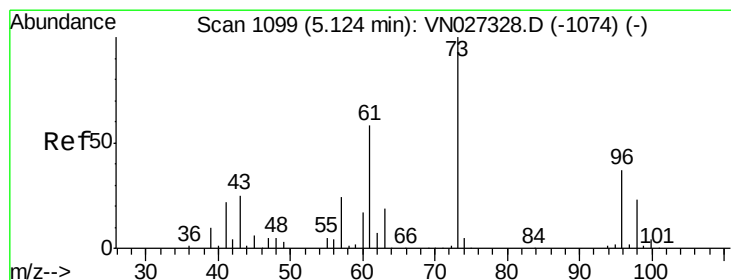
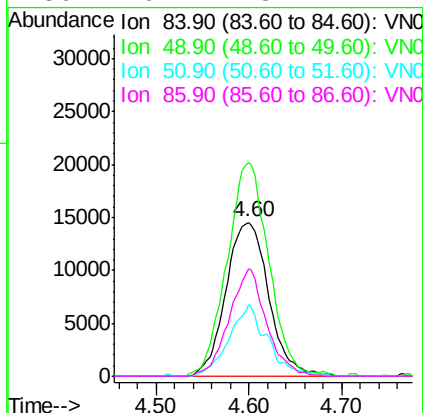
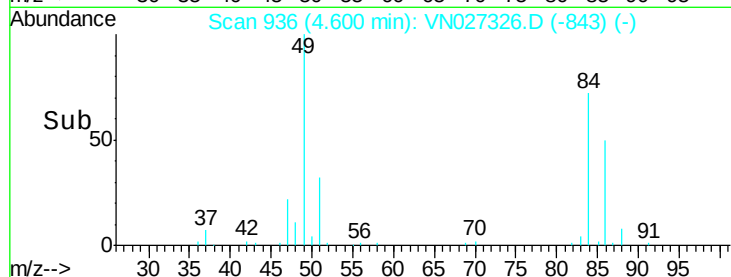
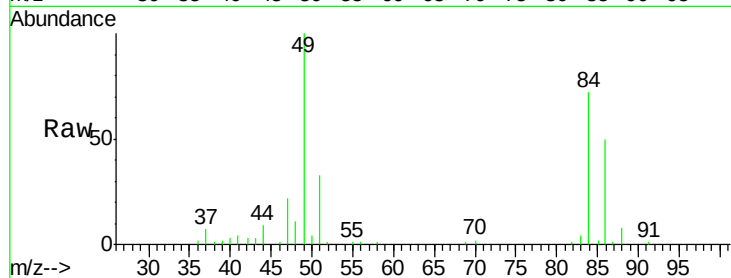




#21
Methylene Chloride
Concen: 4.82 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

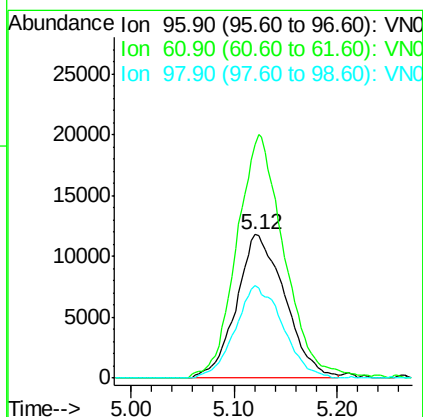
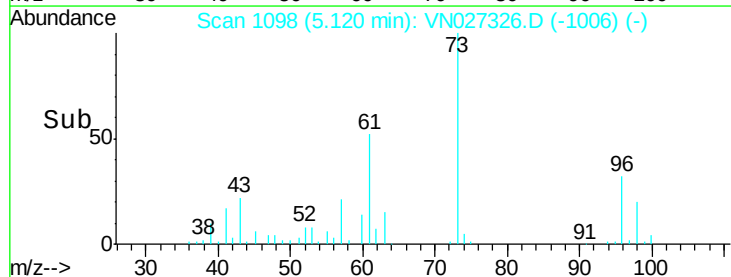
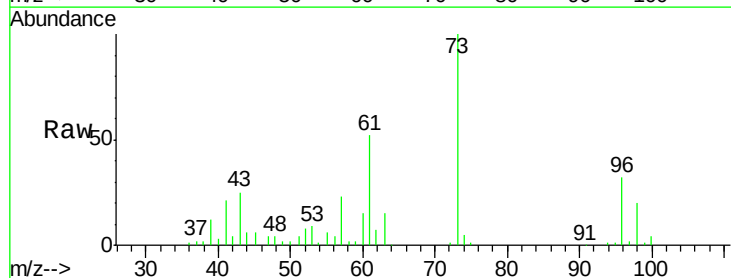
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

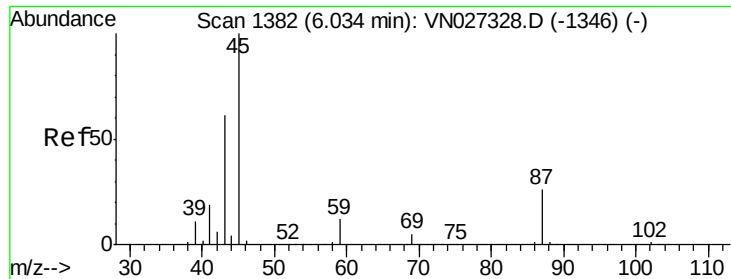
Tgt Ion: 84 Resp: 46475
Ion Ratio Lower Upper
84 100
49 138.9 112.3 168.5
51 46.3 33.8 50.8
86 70.1 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 4.43 ug/l
RT: 5.12 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

Tgt Ion: 96 Resp: 38552
Ion Ratio Lower Upper
96 100
61 163.2 126.6 189.8
98 64.2 47.4 71.2

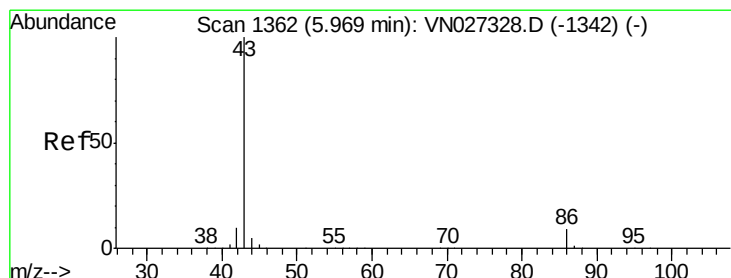
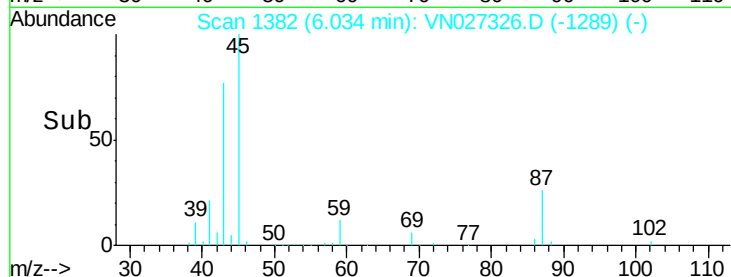
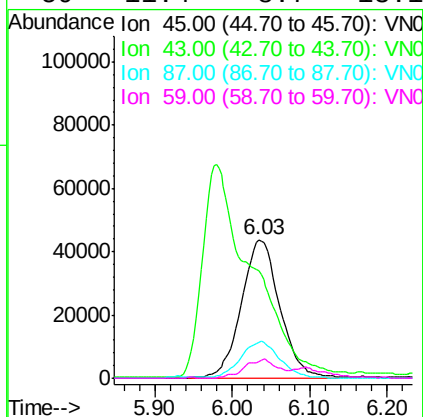
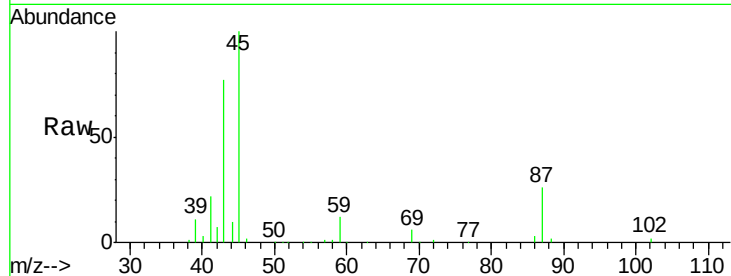




#23
 Diisopropyl ether
 Concen: 4.44 ug/l
 RT: 6.03 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

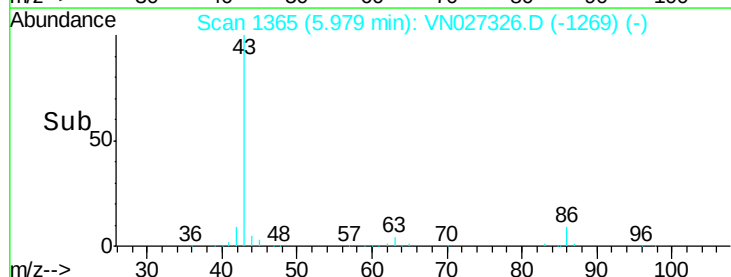
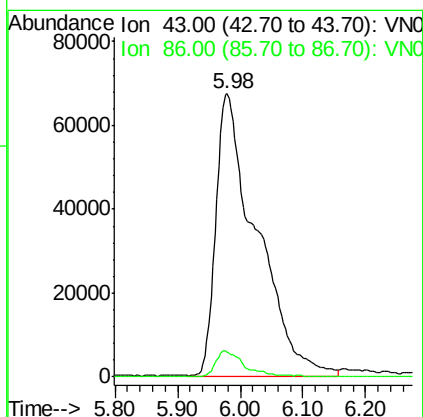
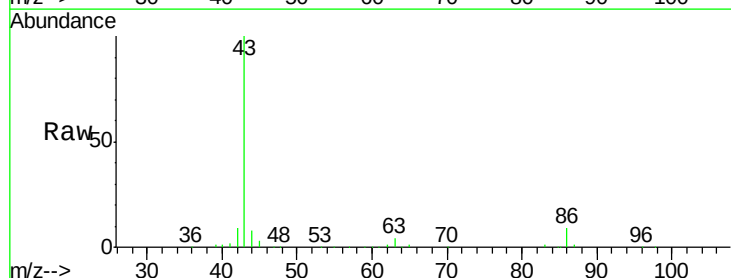
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

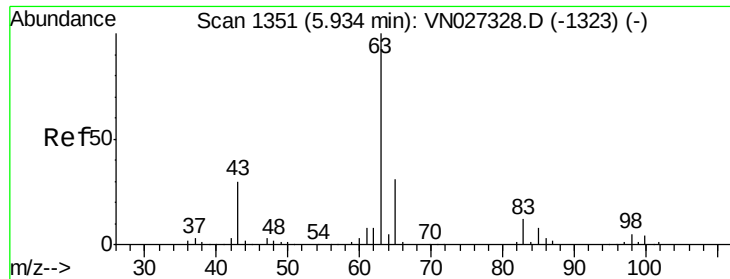
Tgt Ion:	45	Resp:	151562
Ion	Ratio	Lower	Upper
45	100		
43	72.8	41.0	61.6#
87	25.5	17.5	26.3
59	11.4	8.7	13.1



#24
 Vinyl Acetate
 Concen: 26.78 ug/l
 RT: 5.98 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion:	43	Resp:	302419
Ion	Ratio	Lower	Upper
43	100		
86	9.0	6.9	10.3

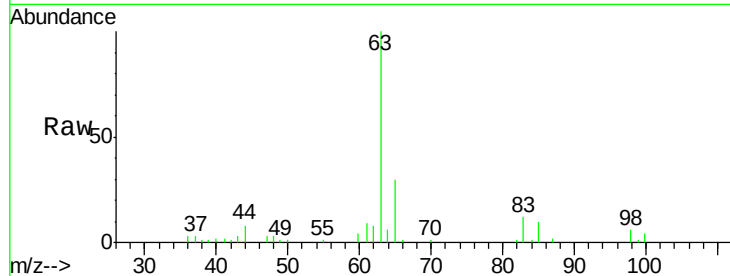




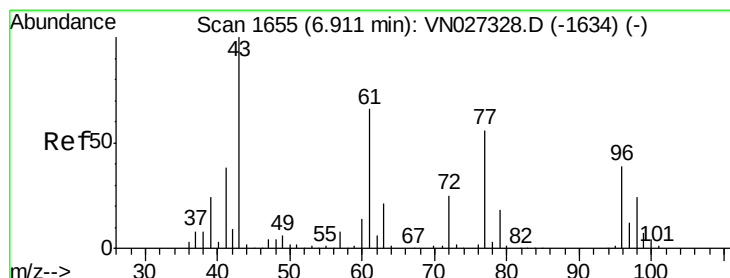
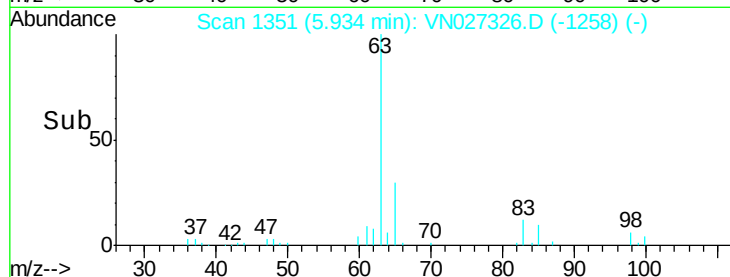
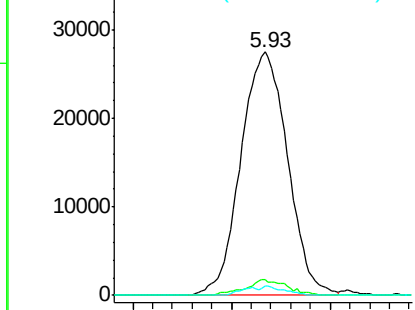
#25
 1,1-Dichloroethane
 Concen: 4.55 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 90151
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.8 8.3
 100 3.7 1.7 5.0

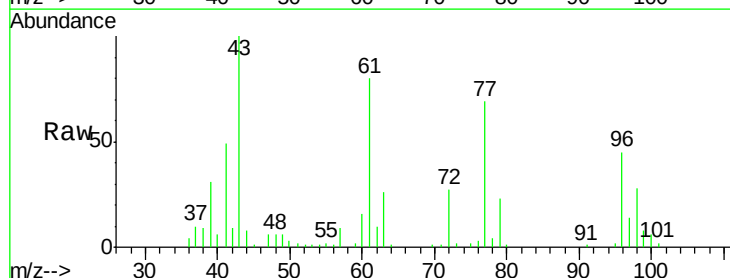


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

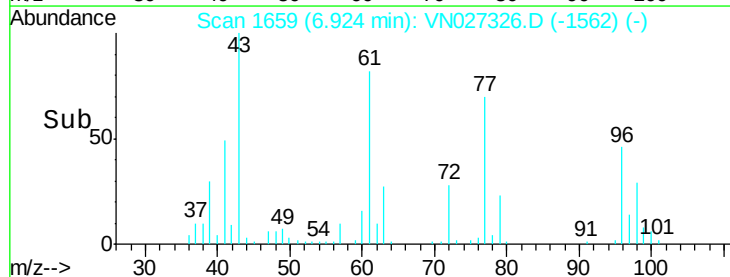
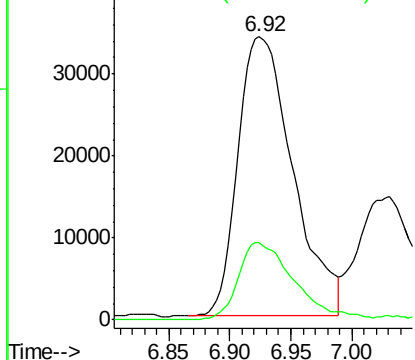


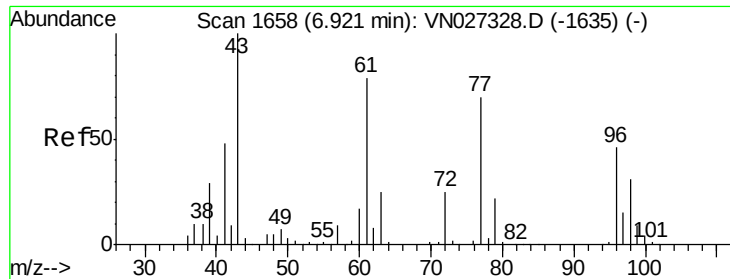
#26
 2-Butanone
 Concen: 20.45 ug/l
 RT: 6.92 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 43 Resp: 106670
 Ion Ratio Lower Upper
 43 100
 72 27.5 18.8 28.2



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

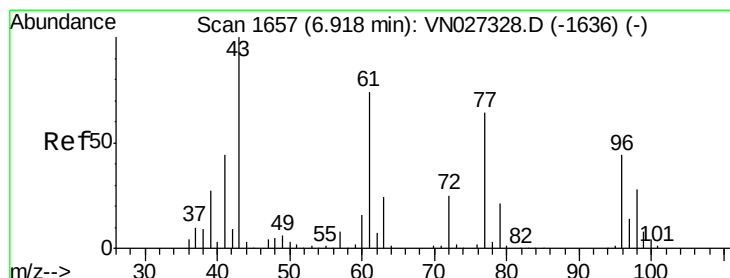
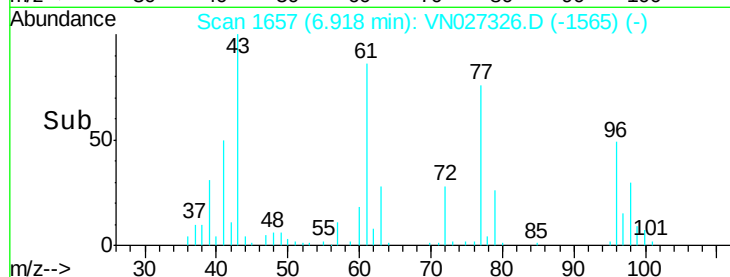
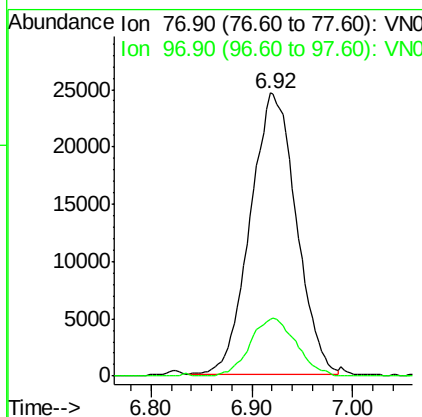
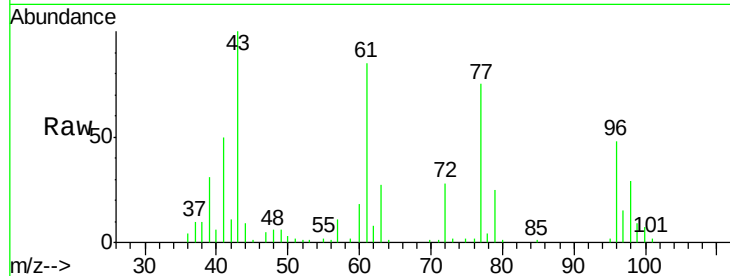




#27
 2,2-Dichloropropane
 Concen: 4.52 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

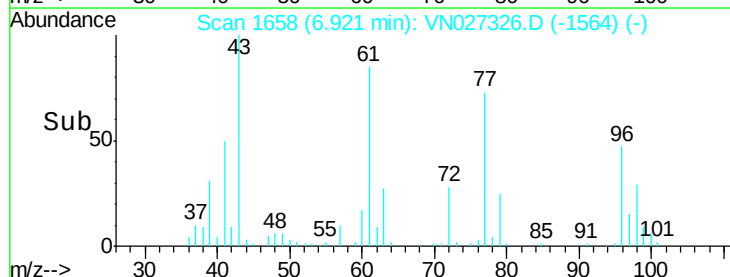
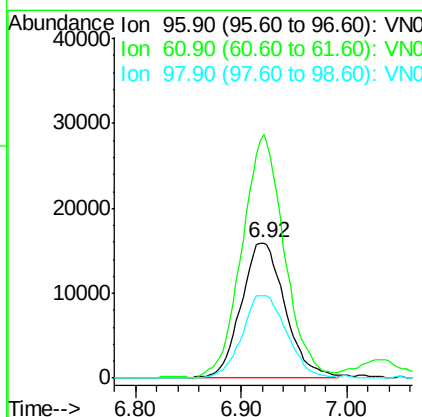
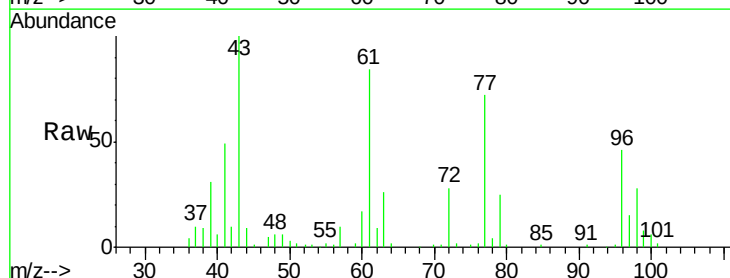
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

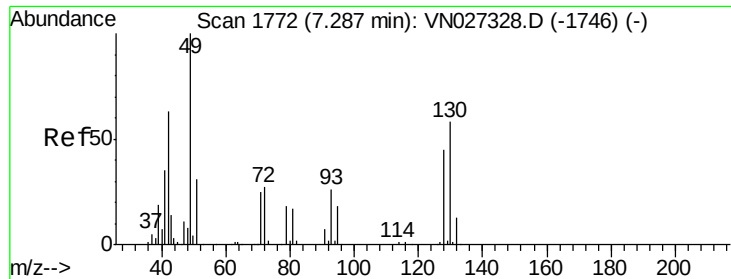
Tgt Ion: 77 Resp: 77787
 Ion Ratio Lower Upper
 77 100
 97 20.6 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 4.63 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 96 Resp: 46241
 Ion Ratio Lower Upper
 96 100
 61 173.0 0.0 329.2
 98 62.0 0.0 126.0





#29

Bromochloromethane

Concen: 4.41 ug/l

RT: 7.29 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

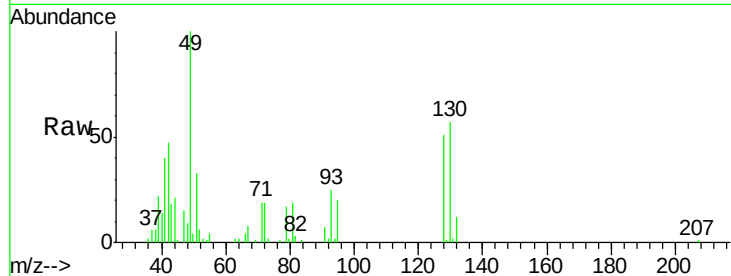
Tgt Ion: 49 Resp: 33930

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.2

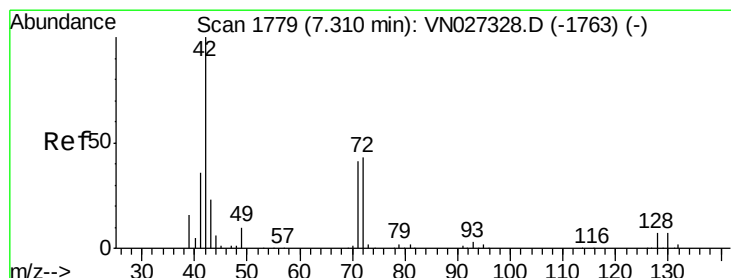
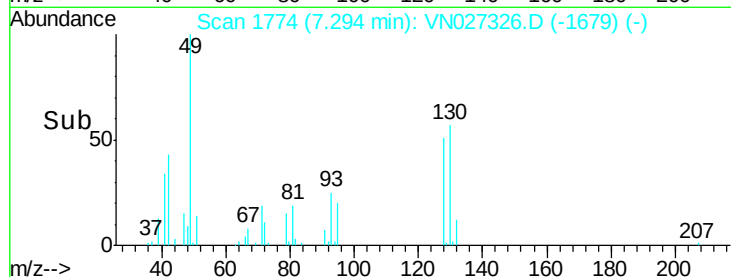
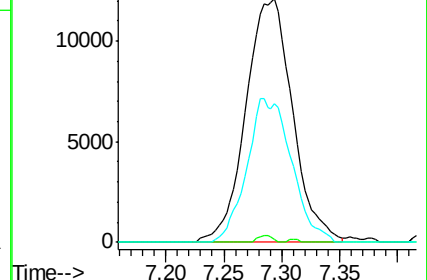
130 56.3 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0



#30

Tetrahydrofuran

Concen: 18.51 ug/l

RT: 7.32 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

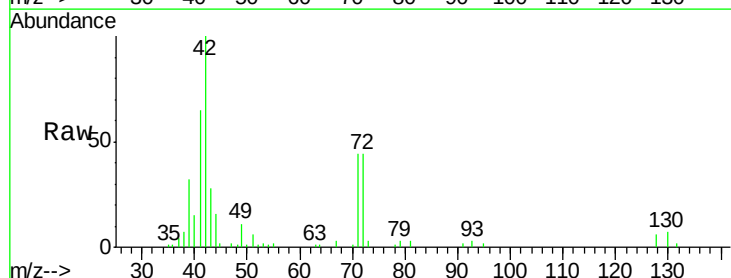
Tgt Ion: 42 Resp: 66535

Ion Ratio Lower Upper

42 100

72 43.7 29.9 44.9

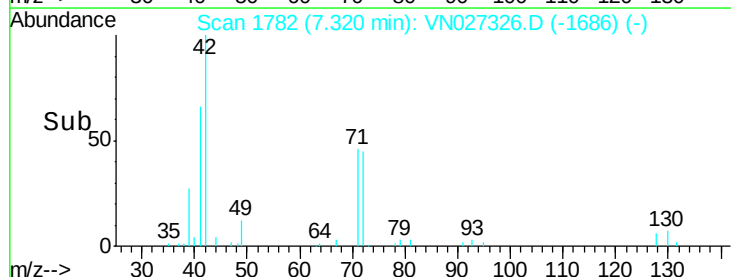
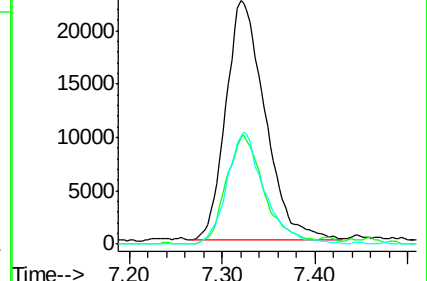
71 43.6 28.3 42.5#

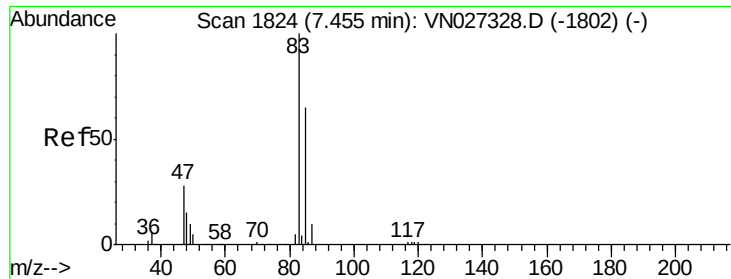


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

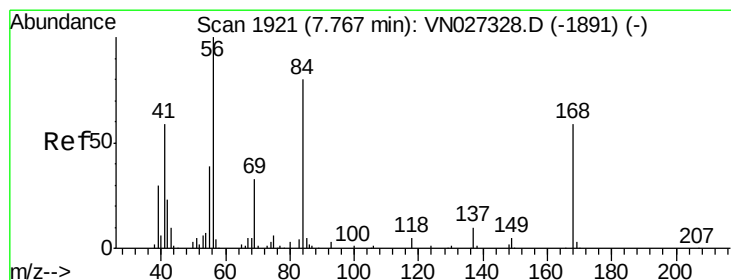
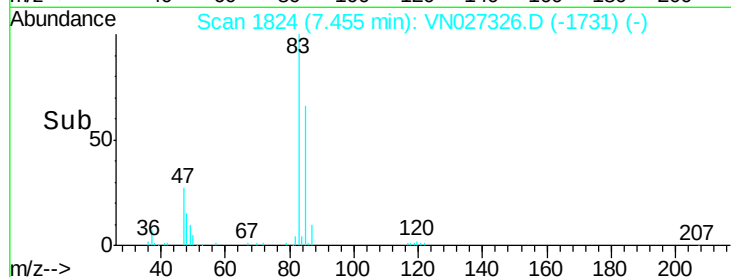
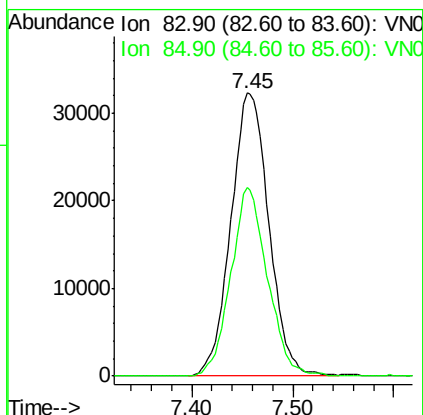
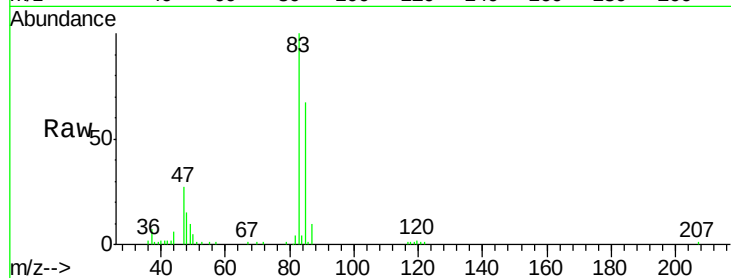




#31
Chloroform
Concen: 4.71 ug/l
RT: 7.45 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

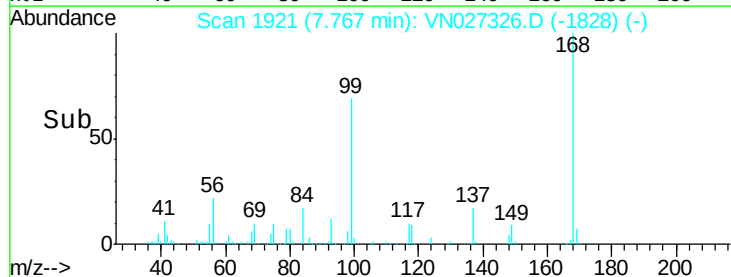
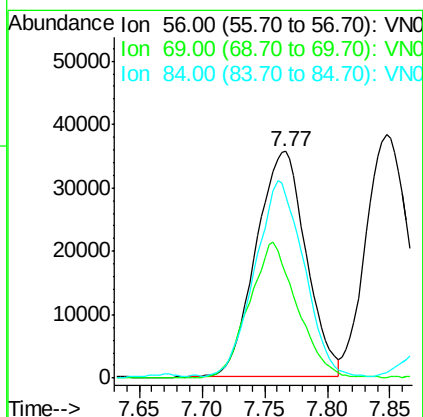
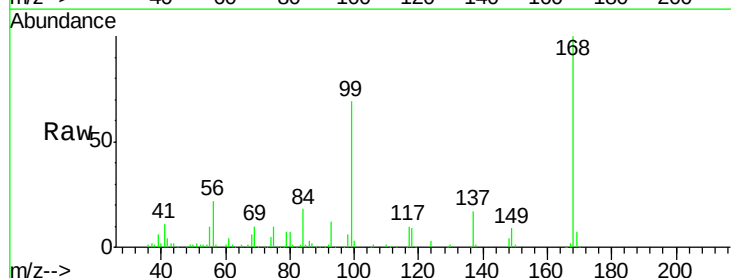
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

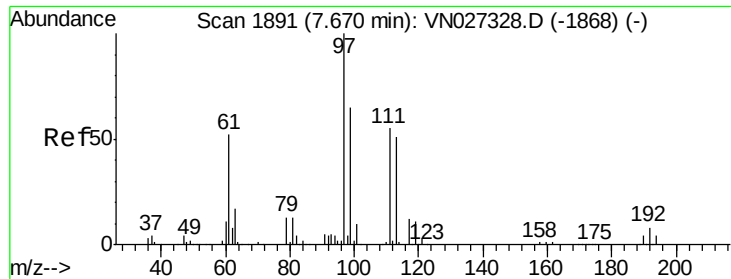
Tgt Ion: 83 Resp: 84416
Ion Ratio Lower Upper
83 100
85 66.8 51.1 76.7



#32
Cyclohexane
Concen: 4.78 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

Tgt Ion: 56 Resp: 99066
Ion Ratio Lower Upper
56 100
69 46.3 23.0 34.4#
84 80.1 57.8 86.8

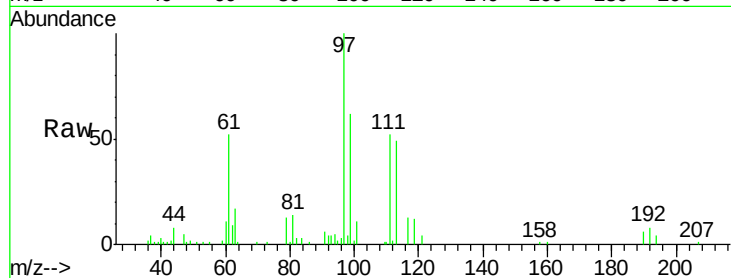




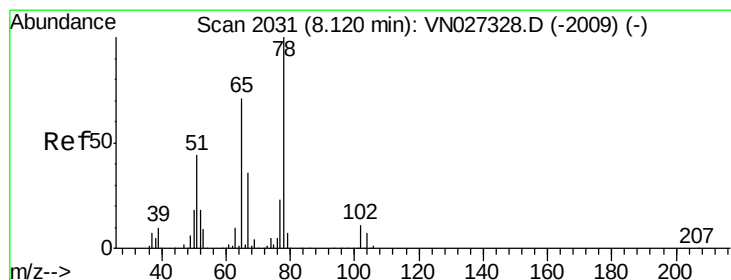
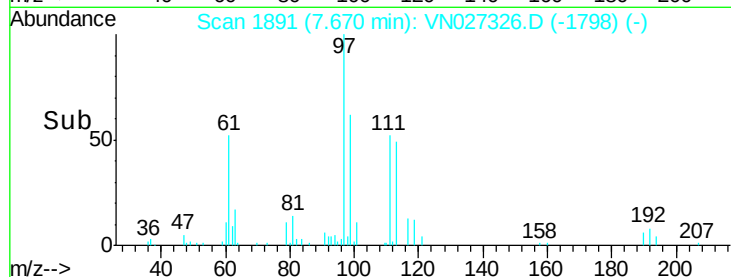
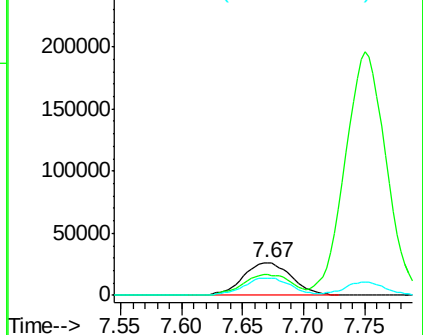
#33
 1,1,1-Trichloroethane
 Concen: 4.55 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion: 97 Resp: 72613
 Ion Ratio Lower Upper
 97 100
 99 63.3 50.1 75.1
 61 52.4 44.0 66.0

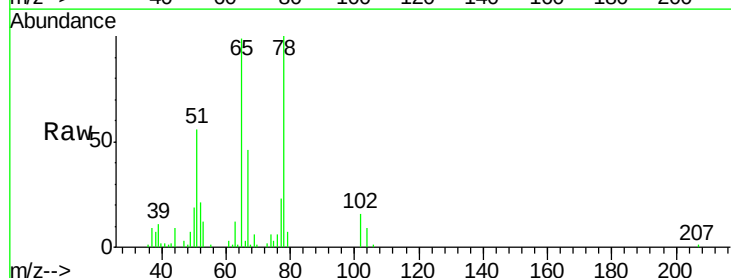


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0

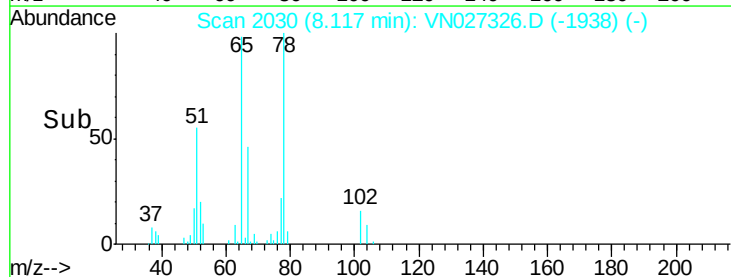
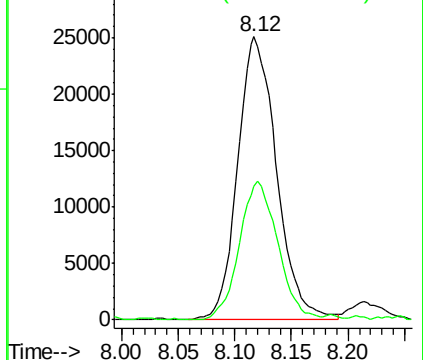


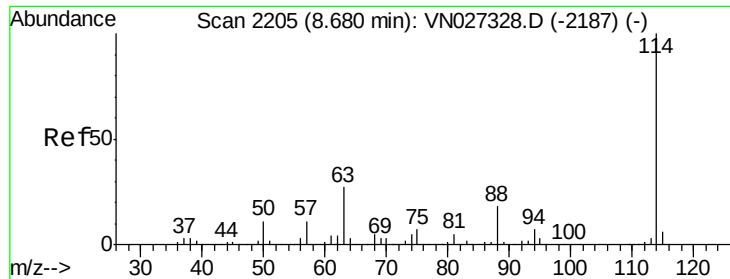
#34
 1,2-Dichloroethane-d4
 Concen: 4.68 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 65 Resp: 60167
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 110.6



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

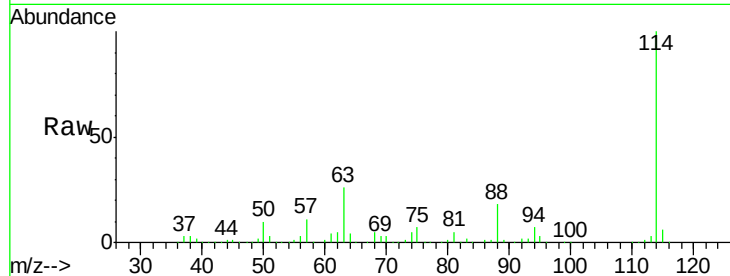




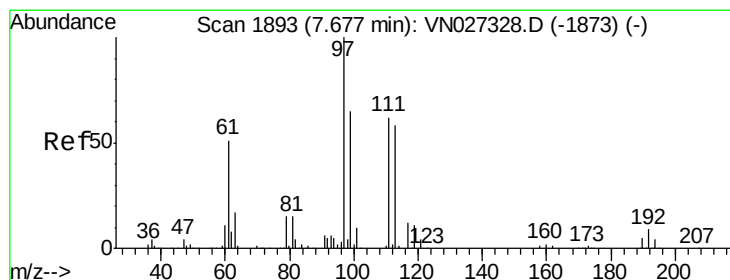
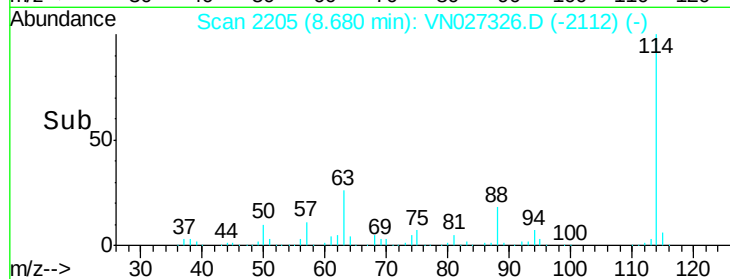
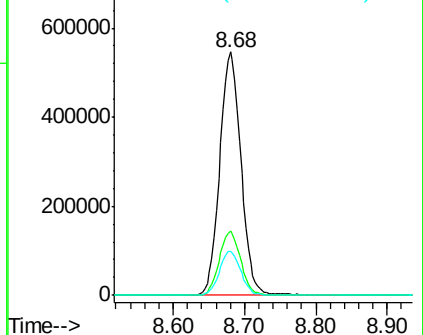
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:114 Resp: 1131258
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 48.8
 88 18.2 0.0 32.2

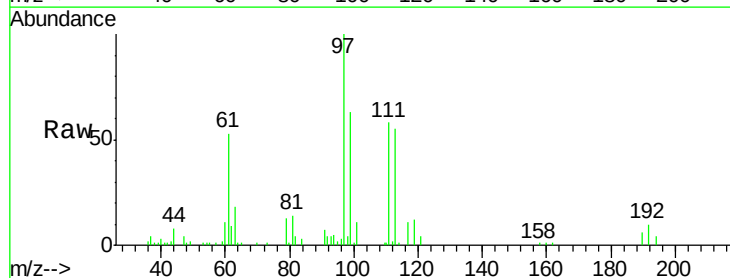


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

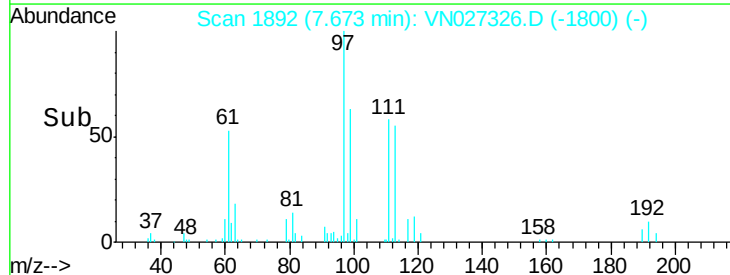
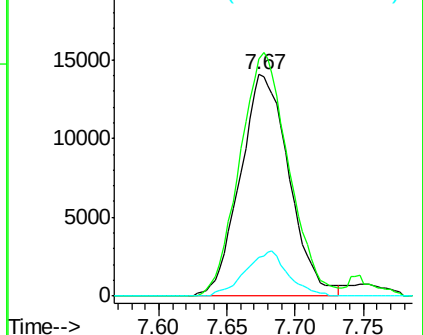


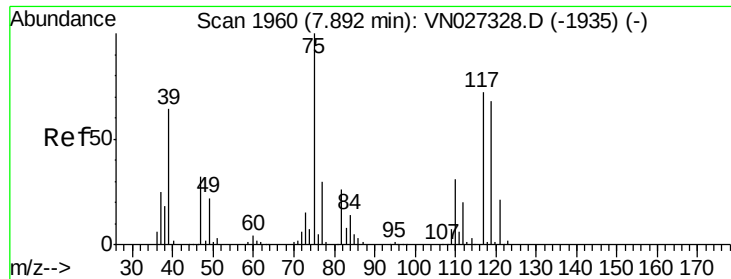
#36
 Dibromofluoromethane
 Concen: 4.47 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion:113 Resp: 35078
 Ion Ratio Lower Upper
 113 100
 111 110.2 83.0 124.4
 192 17.6 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

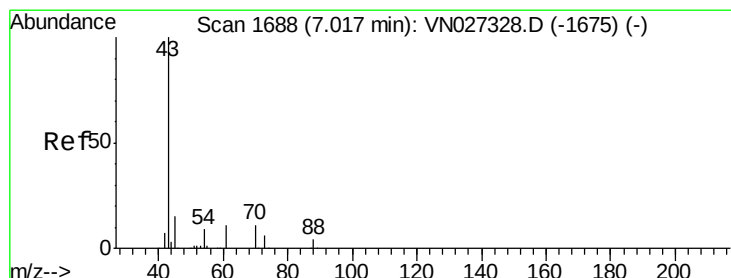
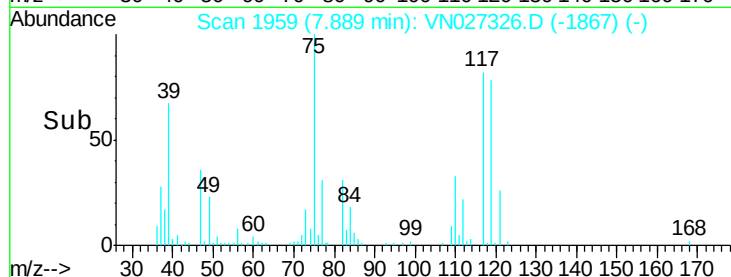
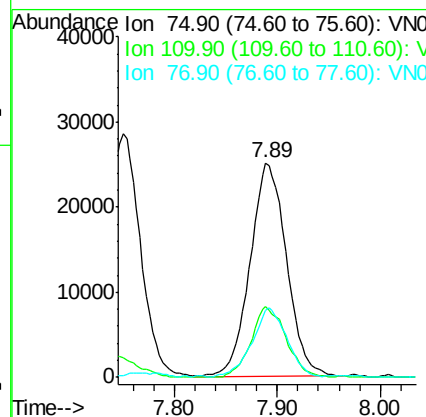
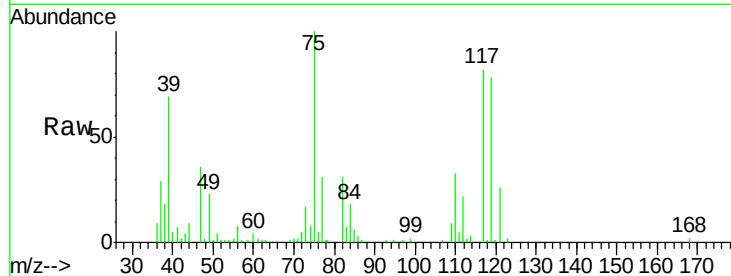




#37
 1,1-Dichloropropene
 Concen: 4.62 ug/l
 RT: 7.89 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

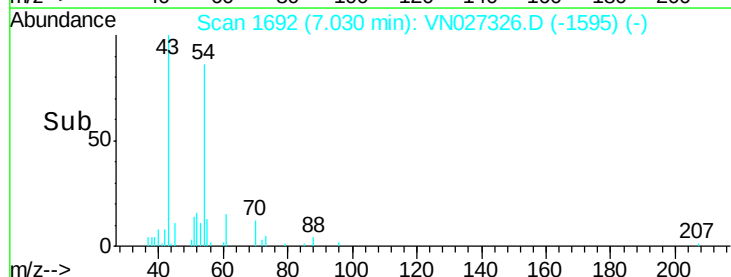
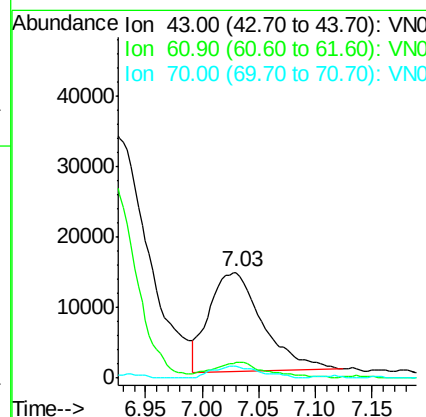
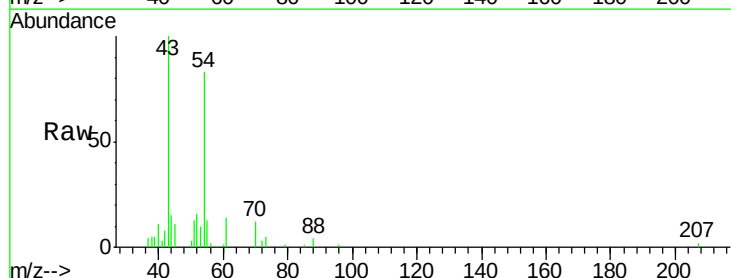
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

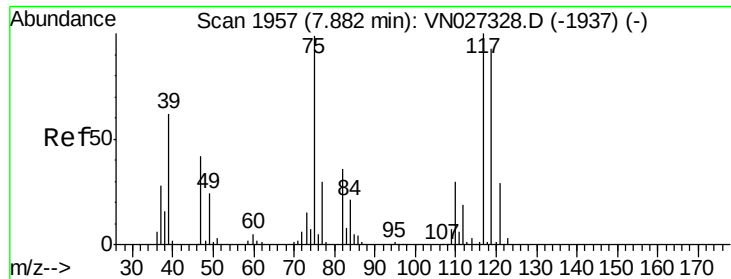
Tgt Ion: 75 Resp: 61229
 Ion Ratio Lower Upper
 75 100
 110 32.0 15.9 47.7
 77 31.3 24.9 37.3



#38
 Ethyl Acetate
 Concen: 3.11 ug/l
 RT: 7.03 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 43 Resp: 46277
 Ion Ratio Lower Upper
 43 100
 61 13.4 10.2 15.4
 70 10.7 7.4 11.0

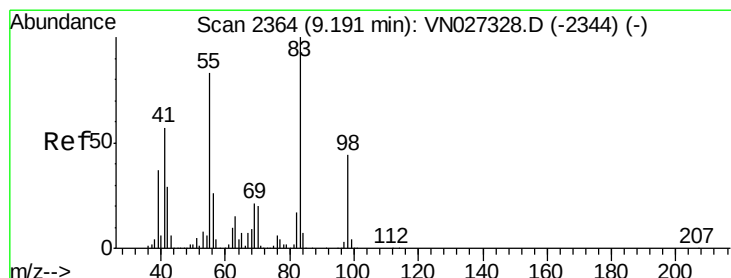
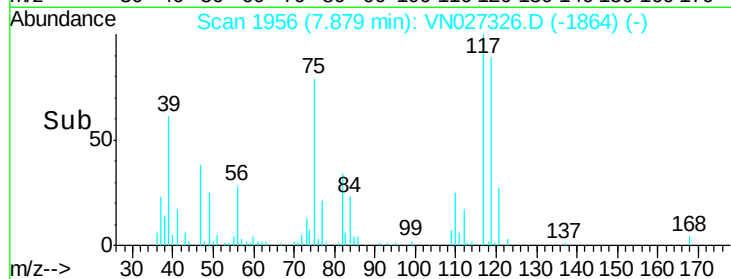
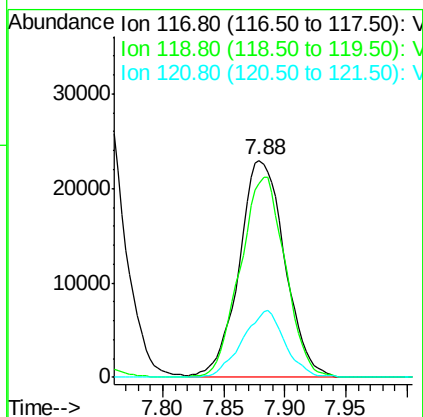
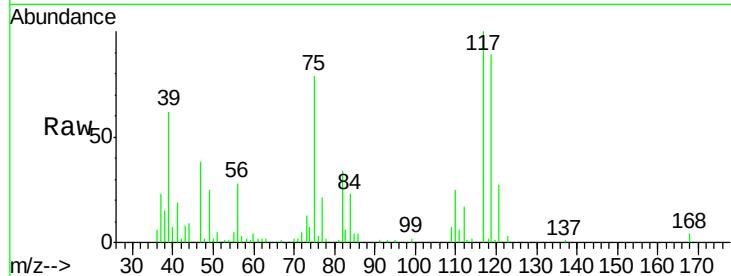




#39
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 7.88 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

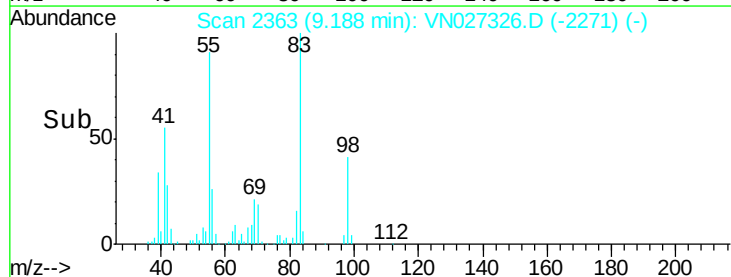
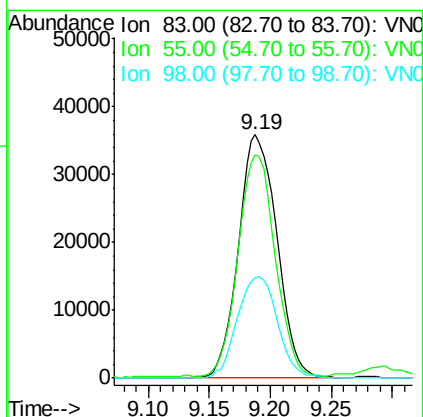
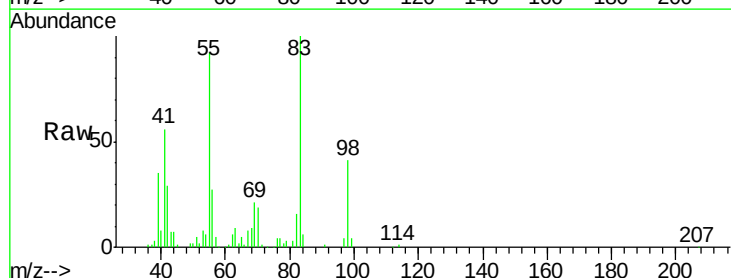
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

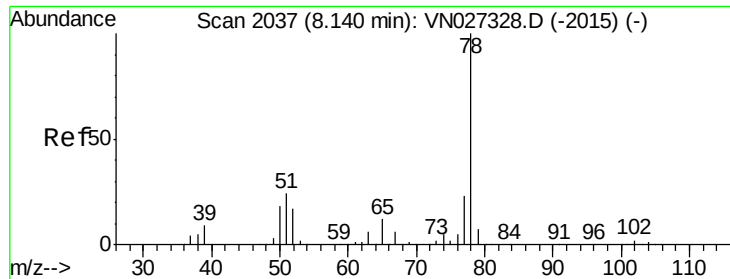
Tgt Ion: 117 Resp: 59408
Ion Ratio Lower Upper
117 100
119 89.3 75.3 112.9
121 27.1 23.8 35.8



#40
Methylcyclohexane
Concen: 4.86 ug/l
RT: 9.19 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

Tgt Ion: 83 Resp: 78297
Ion Ratio Lower Upper
83 100
55 90.6 69.8 104.8
98 41.4 34.3 51.5





#41

Benzene

Concen: 4.73 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

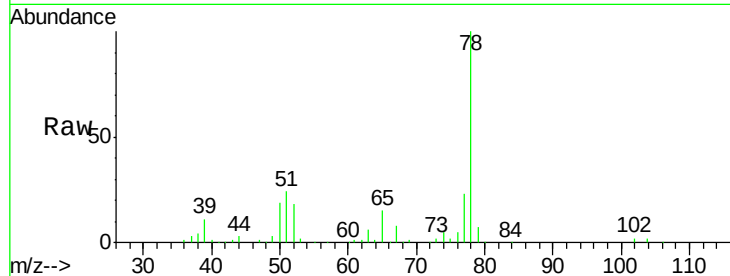
VSTDIC005

Tgt Ion: 78 Resp: 182888

Ion Ratio Lower Upper

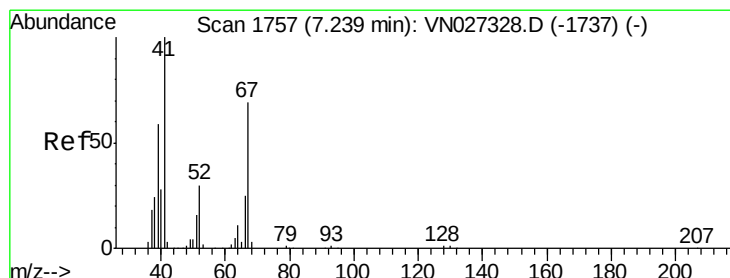
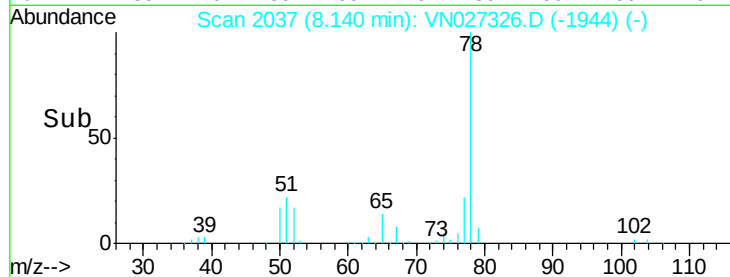
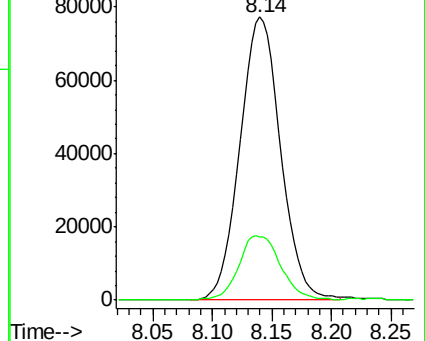
78 100

77 22.5 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: 3.92 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Tgt Ion: 41 Resp: 25071

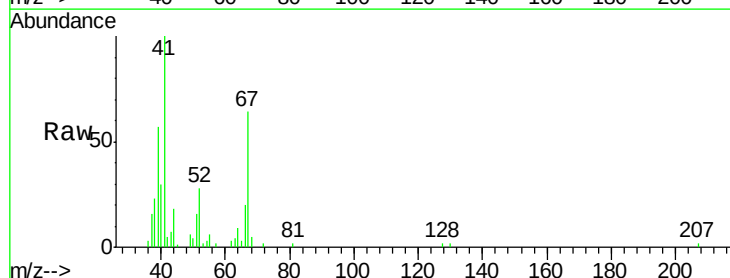
Ion Ratio Lower Upper

41 100

39 63.4 43.0 64.6

67 81.1 52.2 78.2#

52 38.6 21.3 31.9#

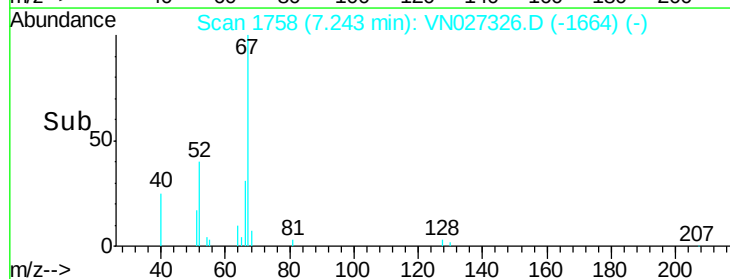
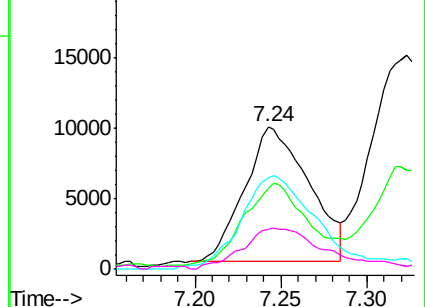


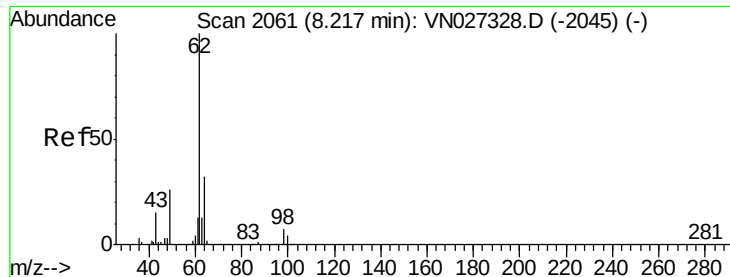
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#43

1,2-Dichloroethane

Concen: 4.85 ug/l

RT: 8.22 min Scan# 2062

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

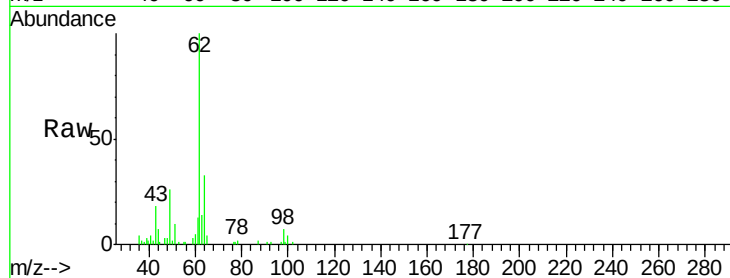
VSTDIC005

Tgt Ion: 62 Resp: 75422

Ion Ratio Lower Upper

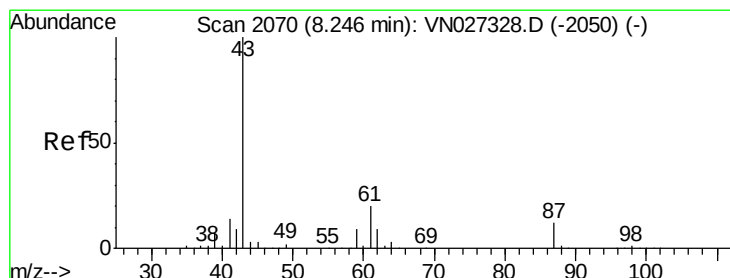
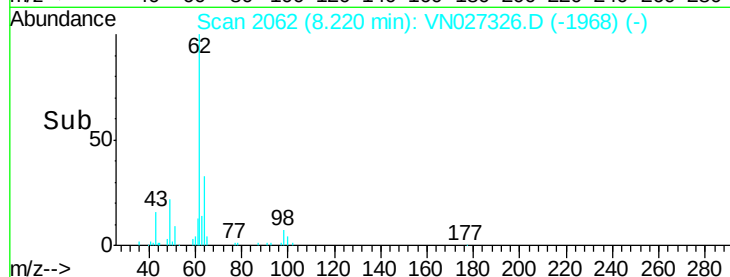
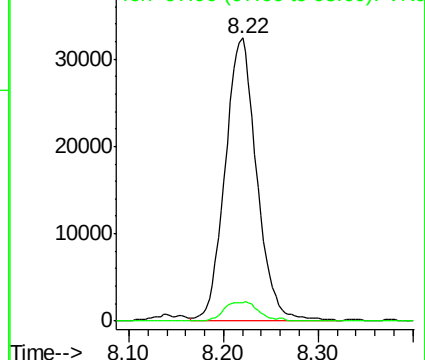
62 100

98 7.3 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#44

Isopropyl Acetate

Concen: 4.25 ug/l

RT: 8.25 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

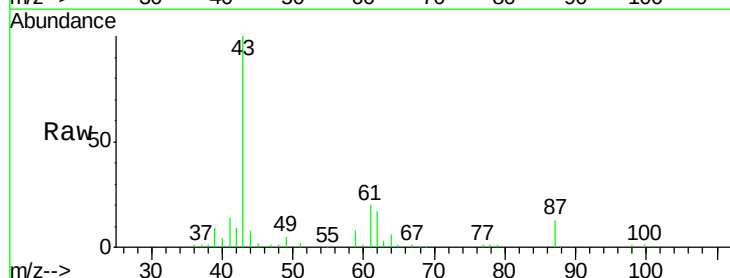
Tgt Ion: 43 Resp: 90040

Ion Ratio Lower Upper

43 100

61 26.4 20.6 31.0

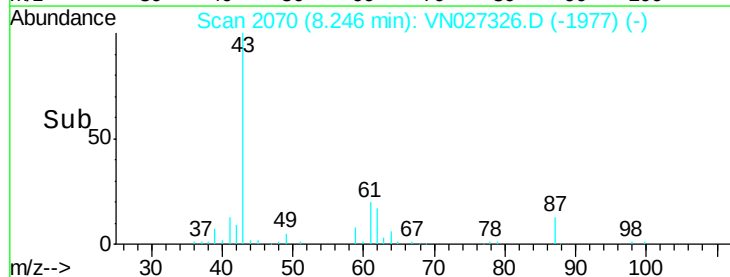
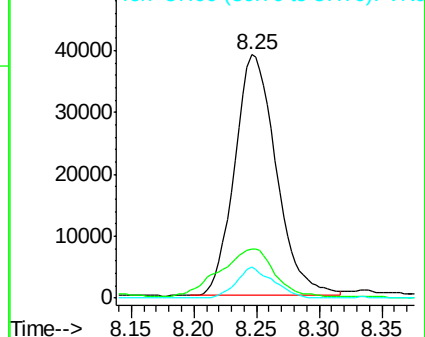
87 11.4 8.6 13.0

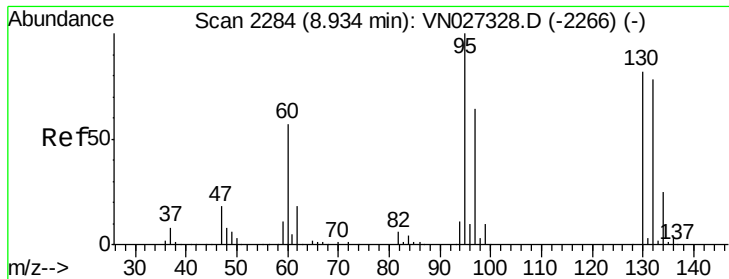


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

Trichloroethene

Concen: 4.65 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

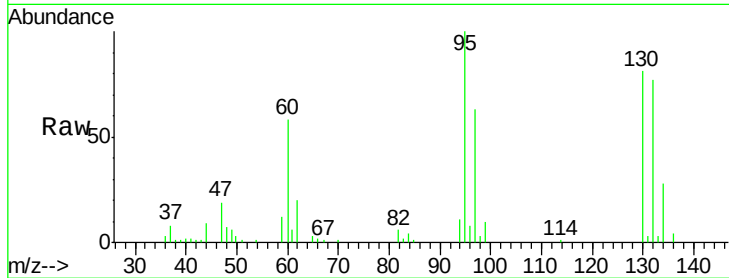
VSTDIC005

Tgt Ion:130 Resp: 36123

Ion Ratio Lower Upper

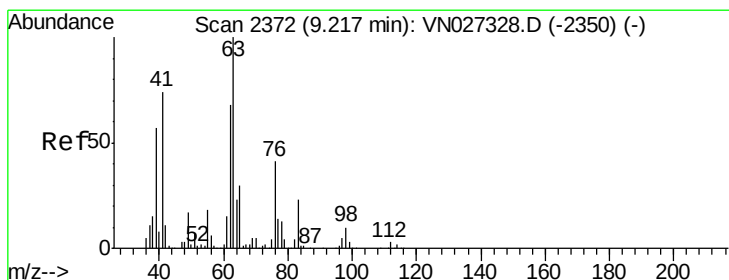
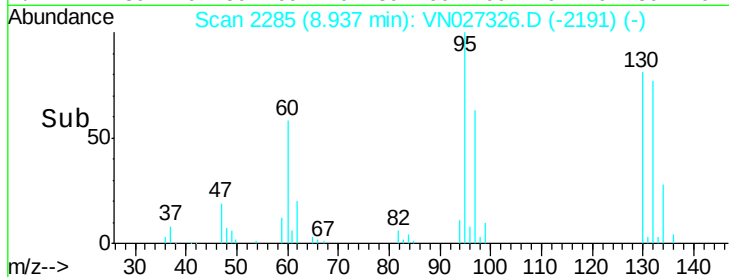
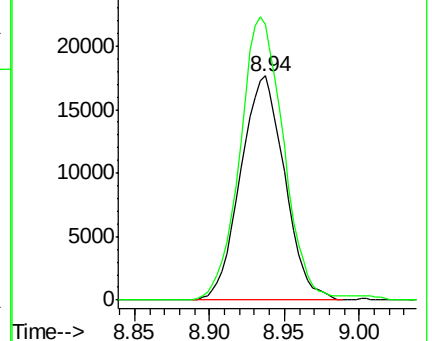
130 100

95 122.8 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

1,2-Dichloropropane

Concen: 4.60 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027326.D

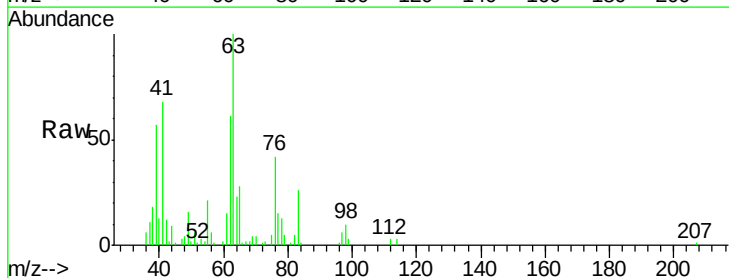
Acq: 21 Sep 2015 10:46

Tgt Ion: 63 Resp: 51182

Ion Ratio Lower Upper

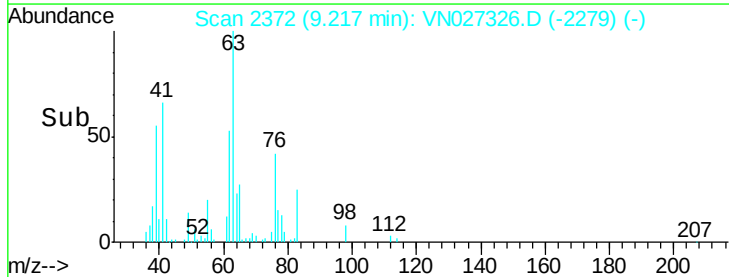
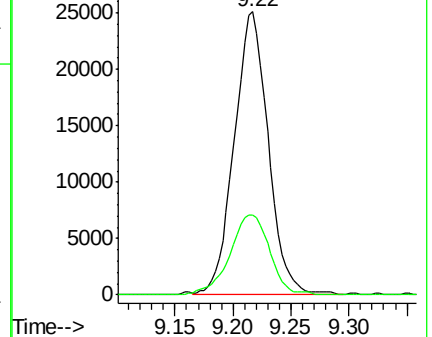
63 100

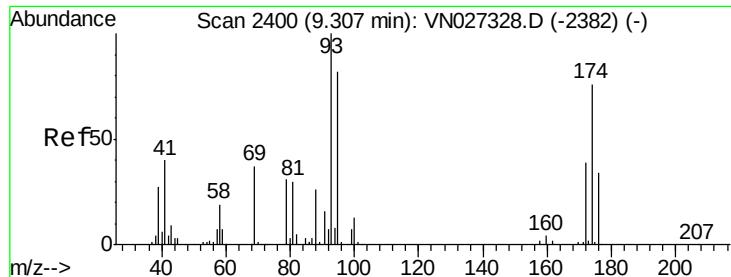
65 28.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Dibromomethane

Concen: 4.60 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

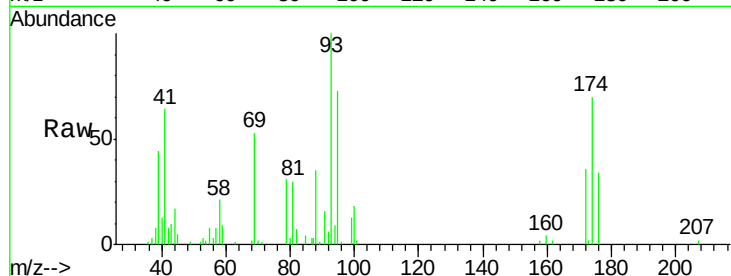
Tgt Ion: 93 Resp: 30014

Ion Ratio Lower Upper

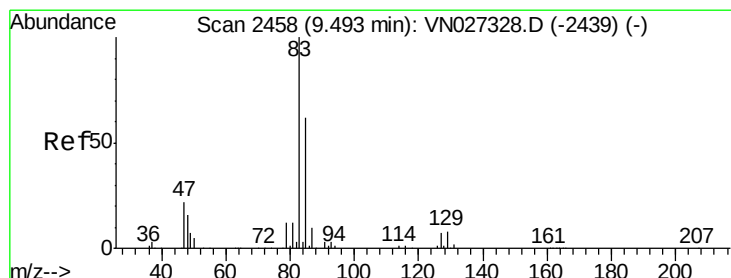
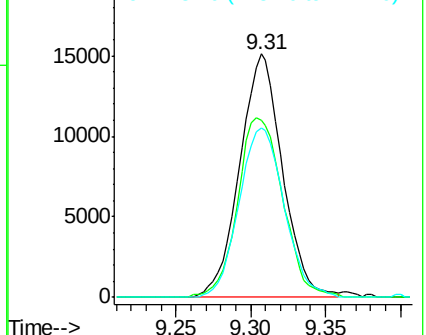
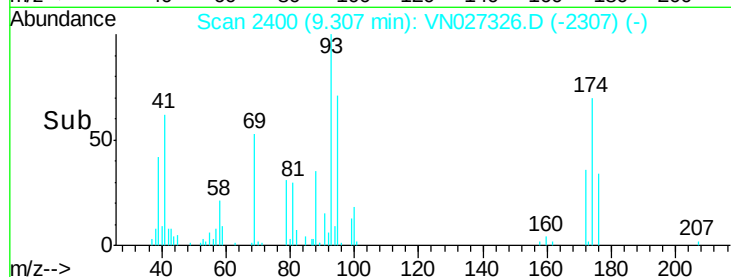
93 100

95 78.1 66.3 99.5

174 73.5 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN027326.D (-2307) (-)



#48

Bromodichloromethane

Concen: 4.52 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

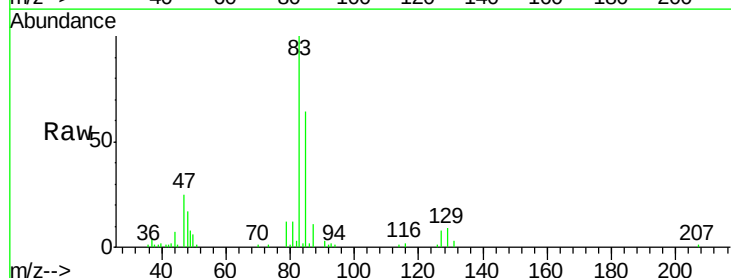
Tgt Ion: 83 Resp: 62238

Ion Ratio Lower Upper

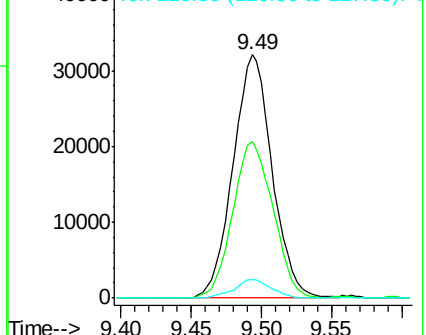
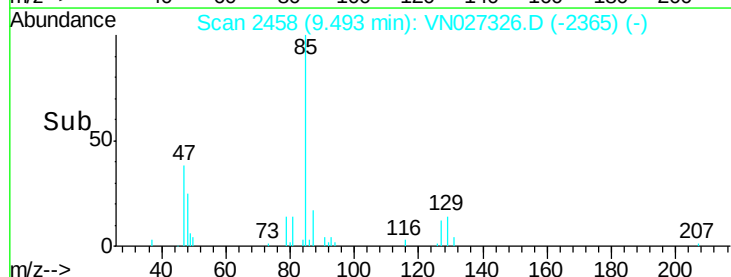
83 100

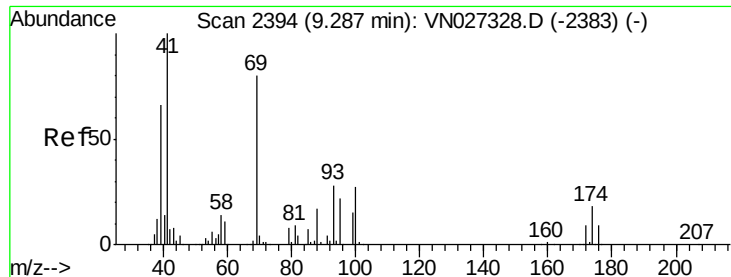
85 64.1 50.7 76.1

127 7.6 5.5 8.3



Abundance Ion 82.90 (82.60 to 83.60): VN027326.D (-2365) (-)

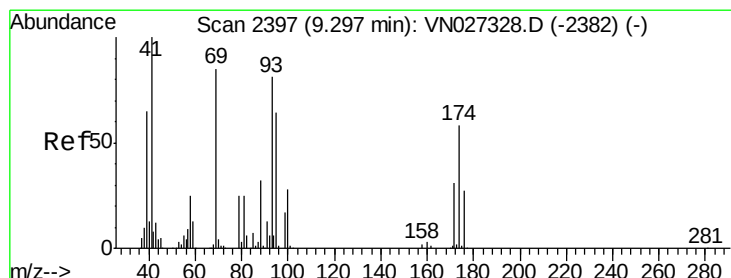
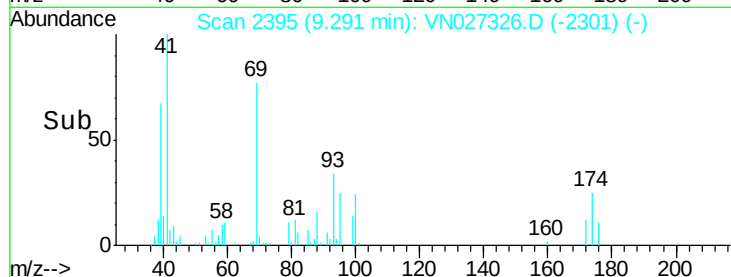
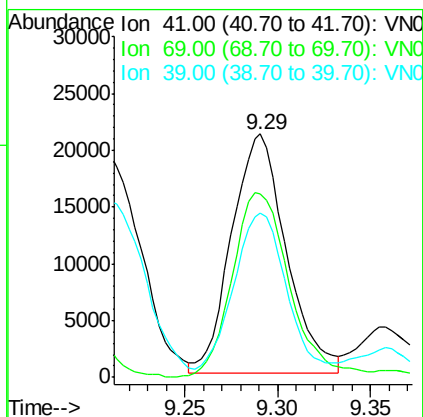
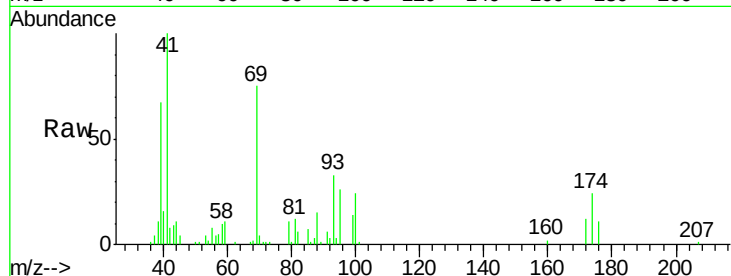




#49
Methyl methacrylate
Concen: 4.10 ug/l
RT: 9.29 min Scan# 2395
Delta R.T. 0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

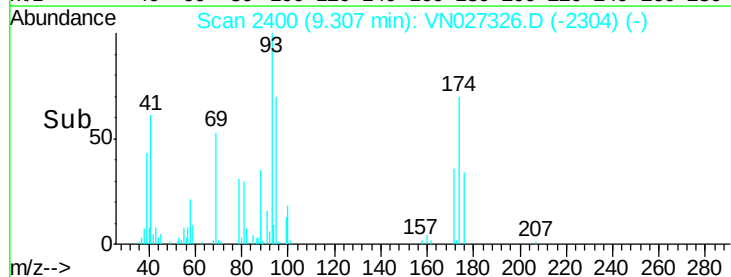
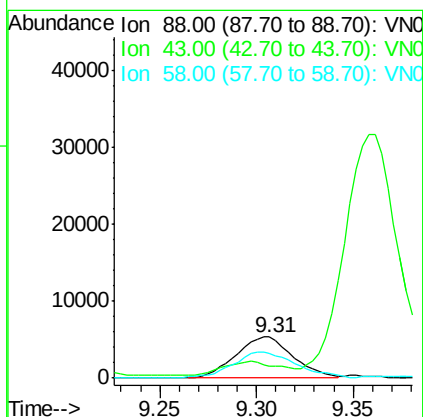
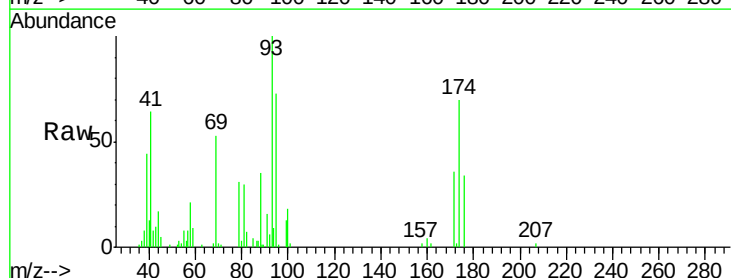
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

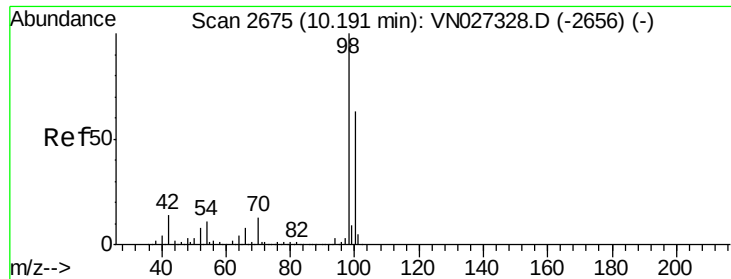
Tgt Ion: 41 Resp: 43248
Ion Ratio Lower Upper
41 100
69 81.1 59.3 88.9
39 65.4 39.5 59.3#



#50
1,4-Dioxane
Concen: 88.76 ug/l
RT: 9.31 min Scan# 2400
Delta R.T. 0.01 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

Tgt Ion: 88 Resp: 10976
Ion Ratio Lower Upper
88 100
43 31.8 27.6 41.4
58 70.6 63.1 94.7





#51

Toluene-d8

Concen: 4.56 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

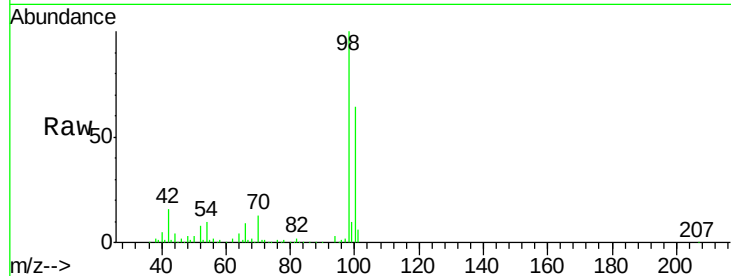
VSTDIC005

Tgt Ion: 98 Resp: 140144

Ion Ratio Lower Upper

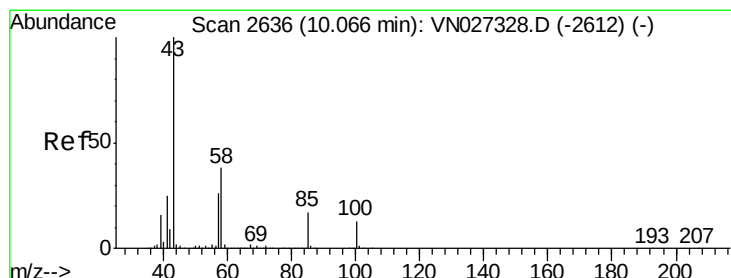
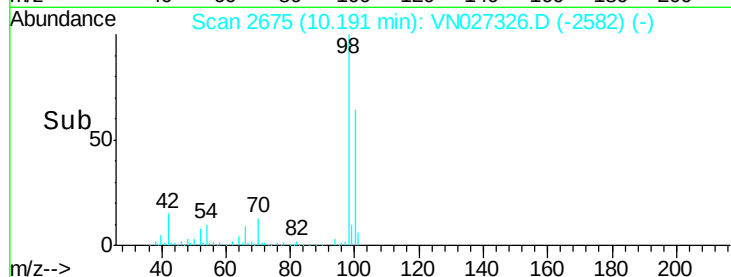
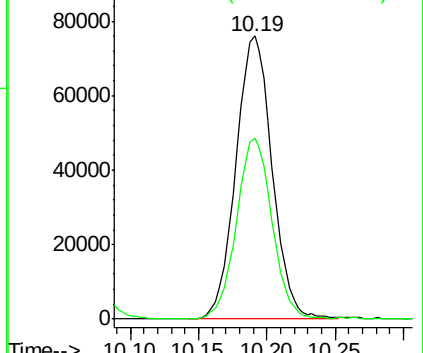
98 100

100 62.9 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 20.95 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027326.D

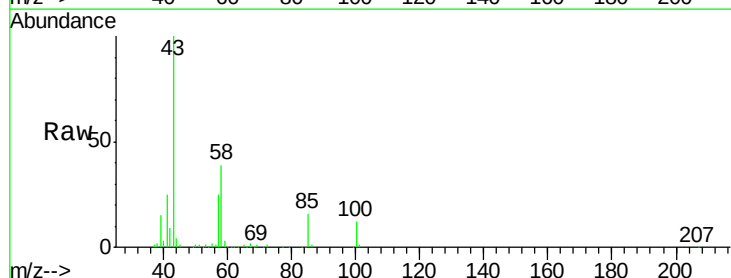
Acq: 21 Sep 2015 10:46

Tgt Ion: 43 Resp: 234397

Ion Ratio Lower Upper

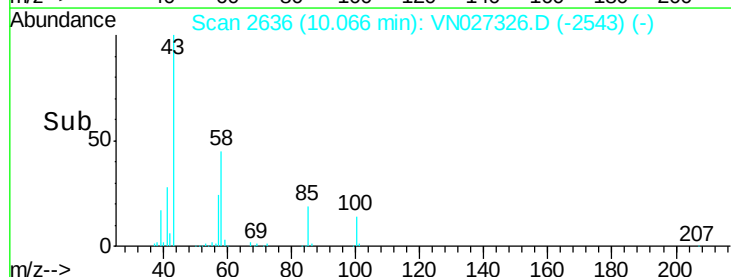
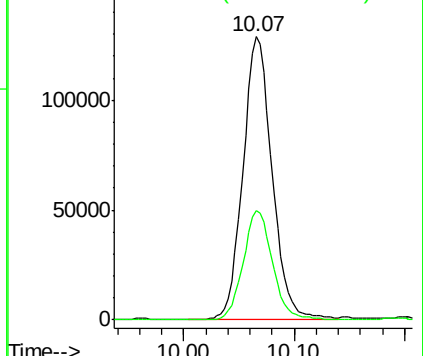
43 100

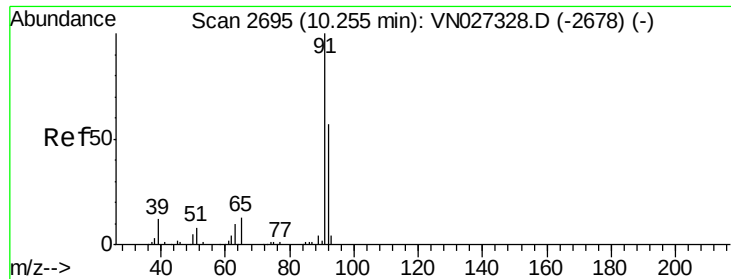
58 39.1 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 4.88 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

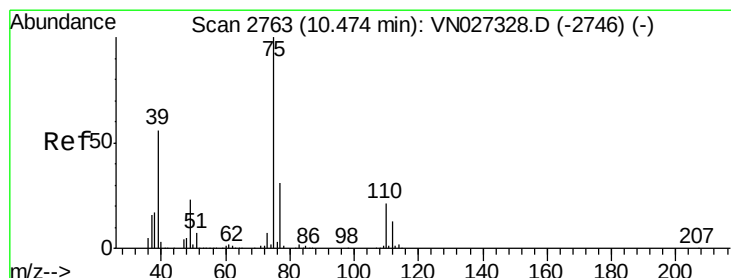
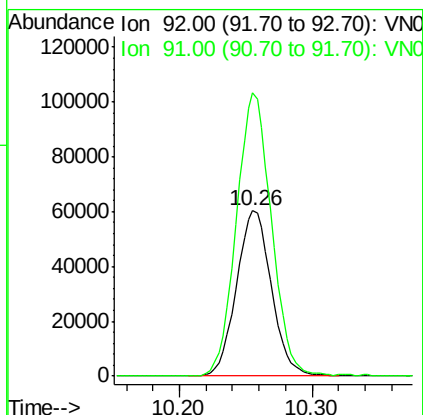
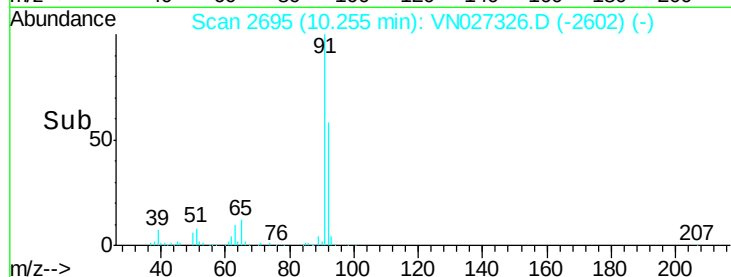
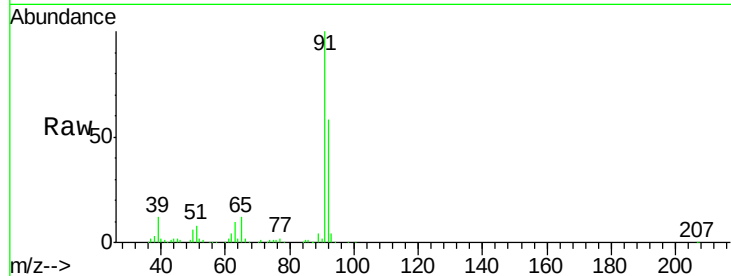
VSTDIC005

Tgt Ion: 92 Resp: 110426

Ion Ratio Lower Upper

92 100

91 171.5 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 4.25 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027326.D

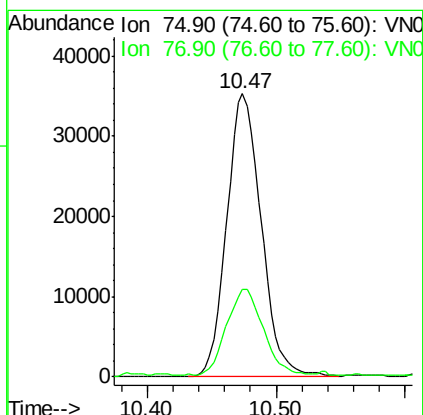
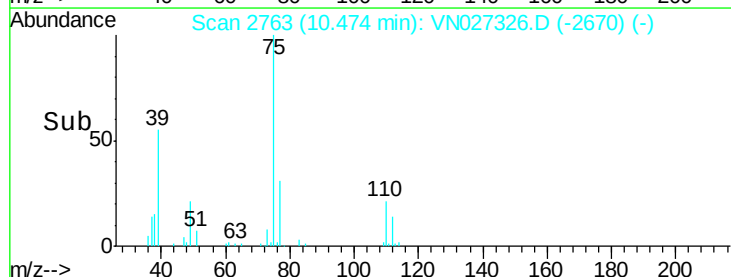
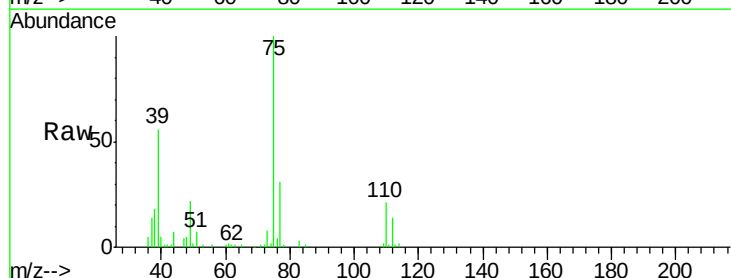
Acq: 21 Sep 2015 10:46

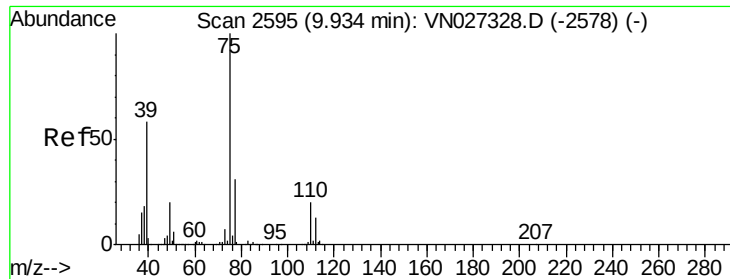
Tgt Ion: 75 Resp: 65706

Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 4.46 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

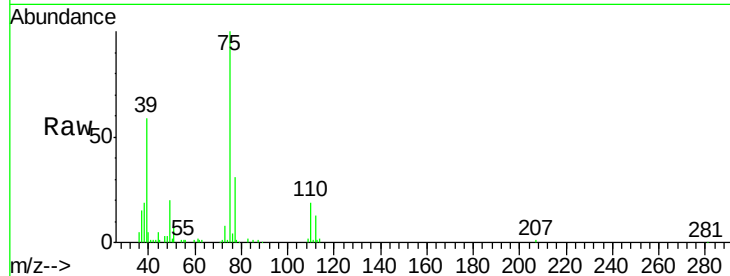
Tgt Ion: 75 Resp: 74940

Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

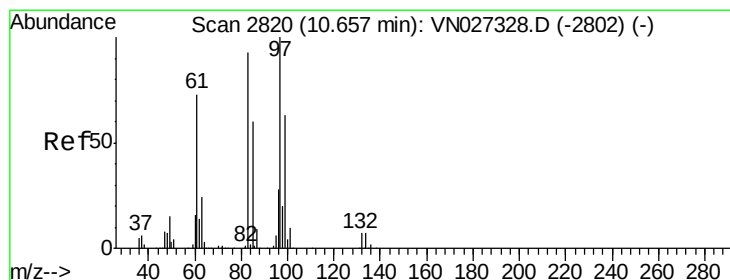
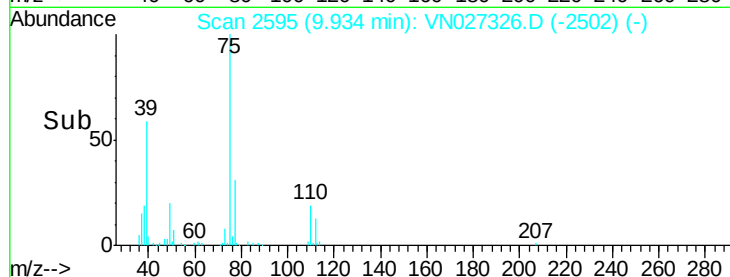
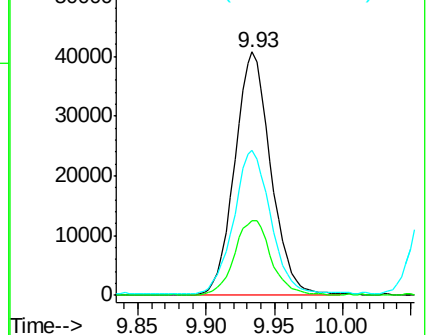
39 58.8 41.6 62.4



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: 4.65 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Tgt Ion: 97 Resp: 39570

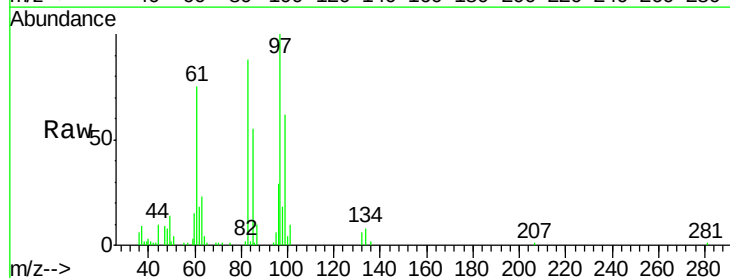
Ion Ratio Lower Upper

97 100

83 88.4 75.0 112.4

85 55.3 48.0 72.0

99 62.5 50.3 75.5

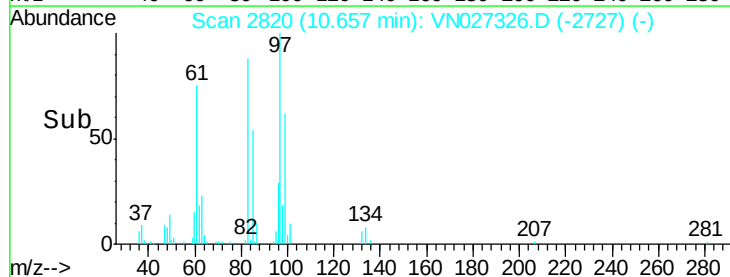
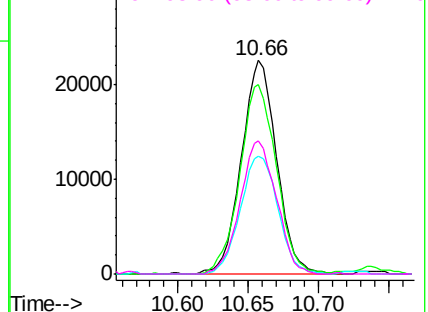


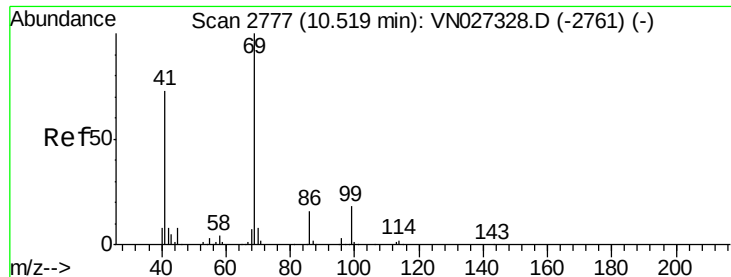
Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 4.26 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

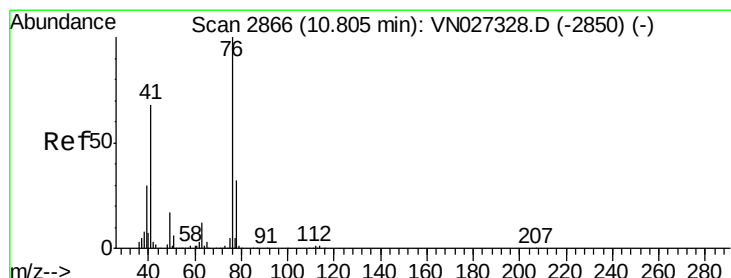
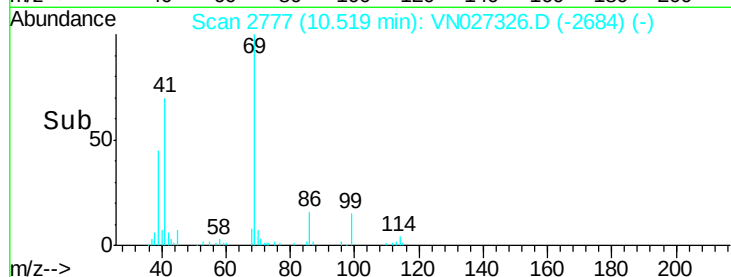
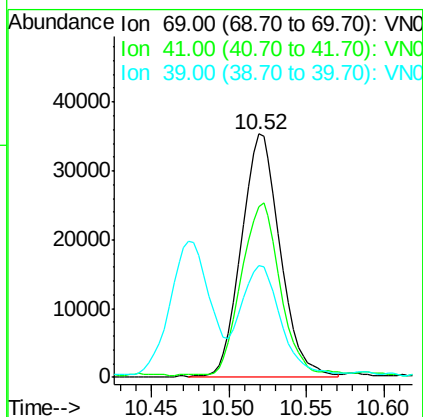
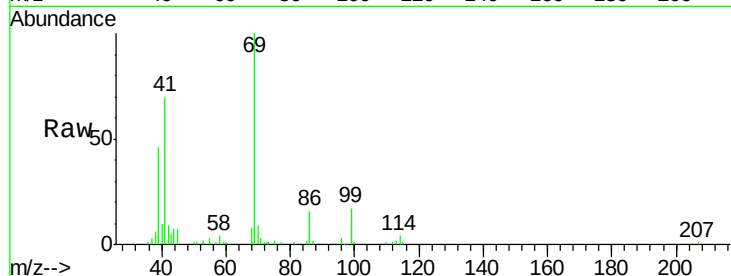
Tgt Ion: 69 Resp: 61081

Ion Ratio Lower Upper

69 100

41 70.1 61.3 91.9

39 44.6 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 4.78 ug/l

RT: 10.80 min Scan# 2865

Delta R.T. -0.00 min

Lab File: VN027326.D

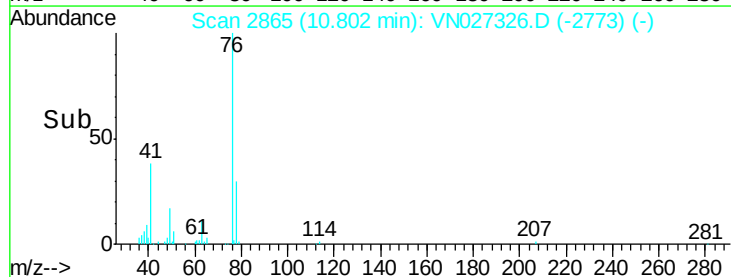
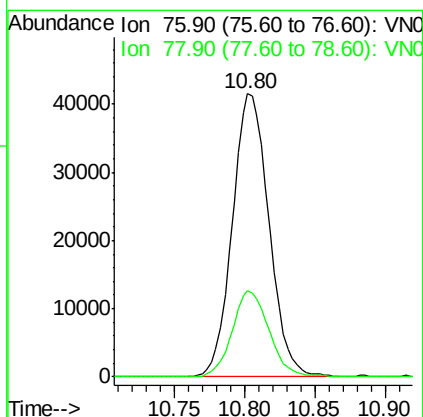
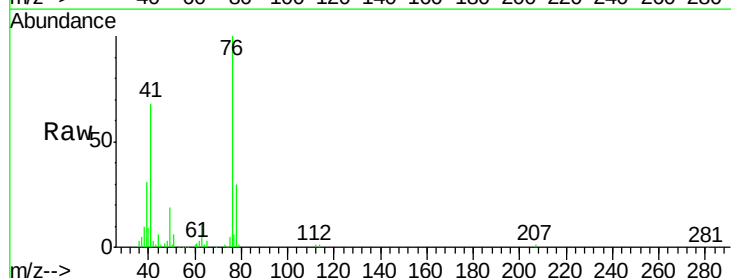
Acq: 21 Sep 2015 10:46

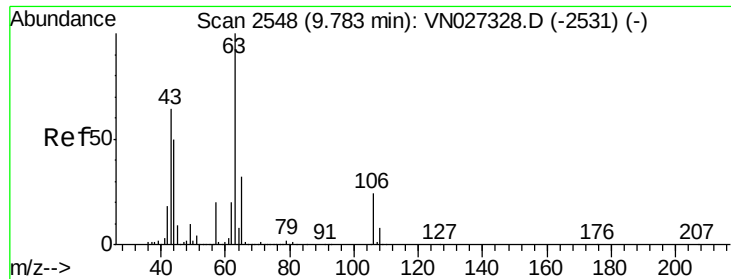
Tgt Ion: 76 Resp: 75418

Ion Ratio Lower Upper

76 100

78 30.6 25.0 37.6

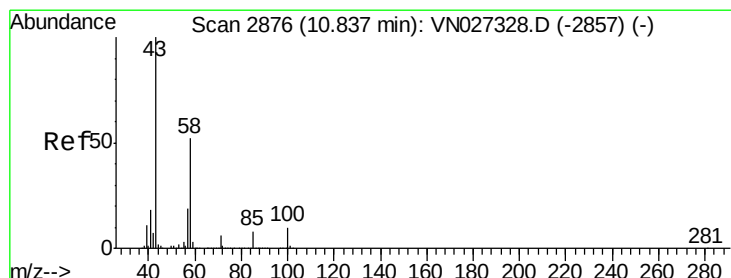
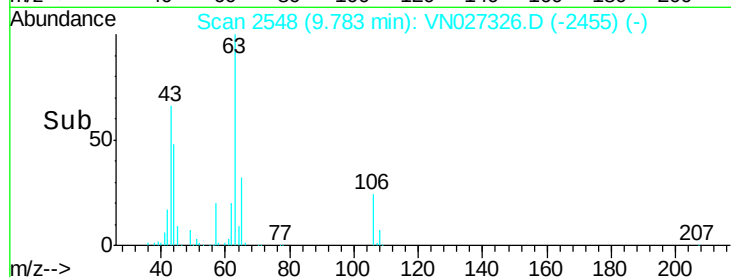
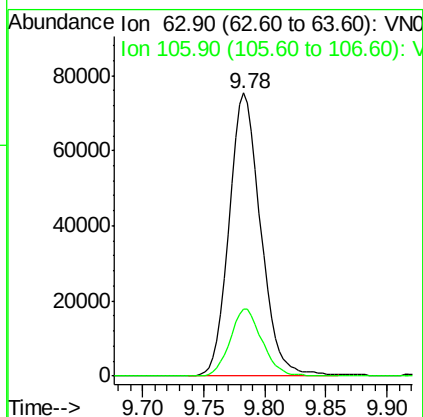
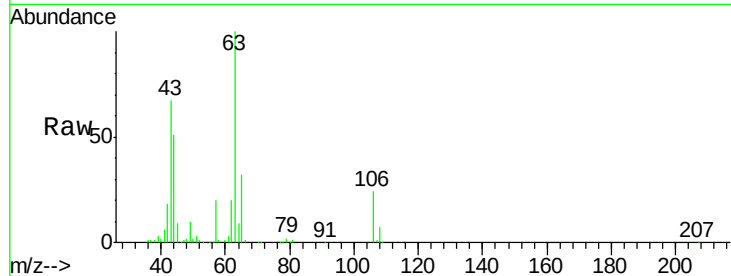




#59
 2-Chloroethyl Vinyl ether
 Concen: 20.70 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

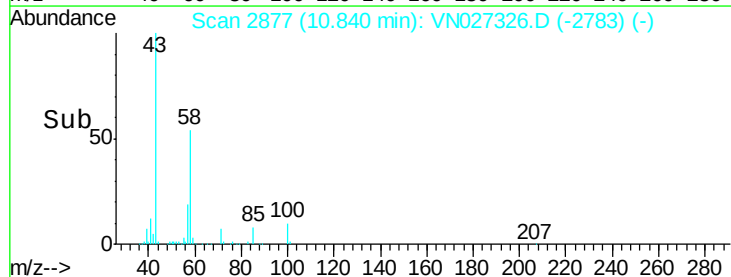
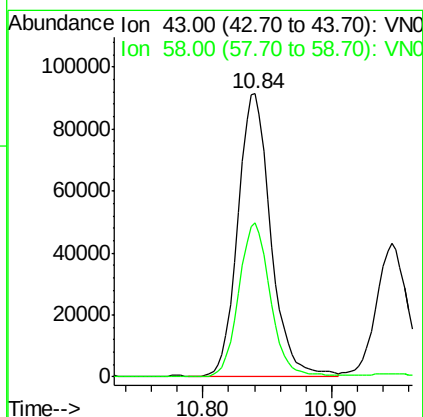
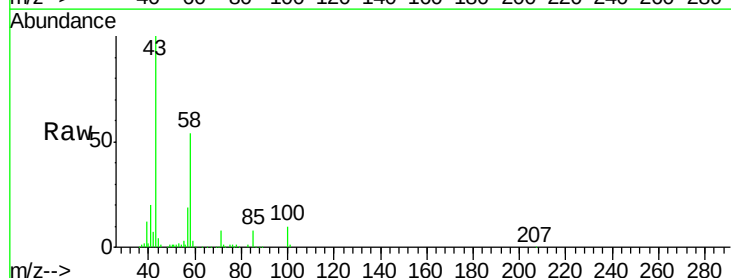
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

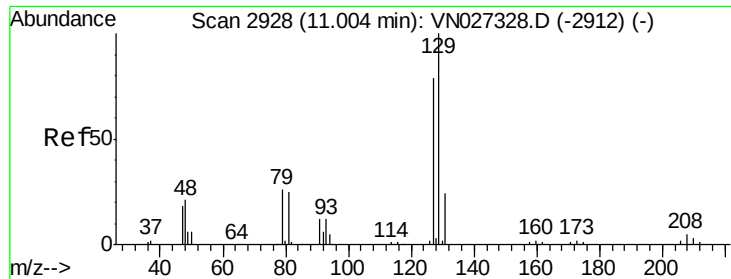
Tgt Ion: 63 Resp: 136206
 Ion Ratio Lower Upper
 63 100
 106 24.0 17.7 26.5



#60
 2-Hexanone
 Concen: 21.23 ug/l
 RT: 10.84 min Scan# 2877
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 43 Resp: 161716
 Ion Ratio Lower Upper
 43 100
 58 53.1 26.2 78.5

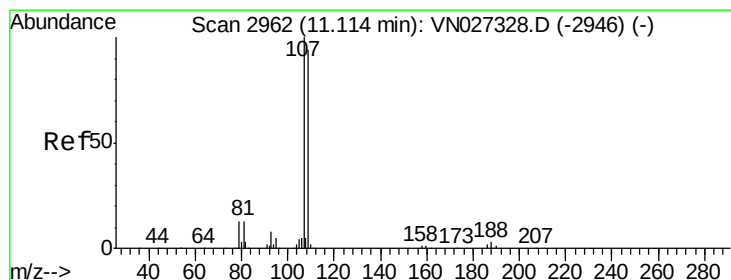
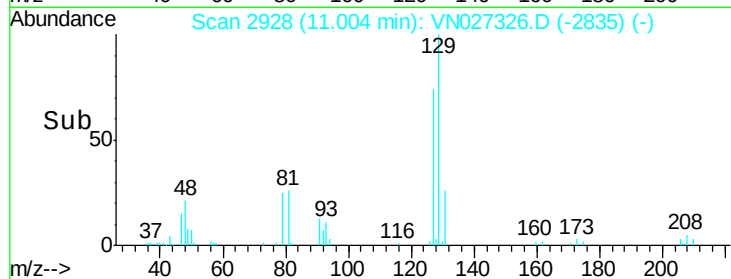
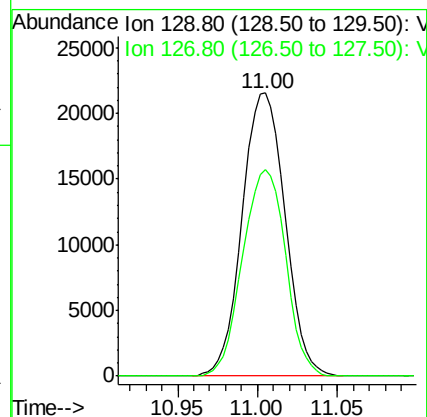
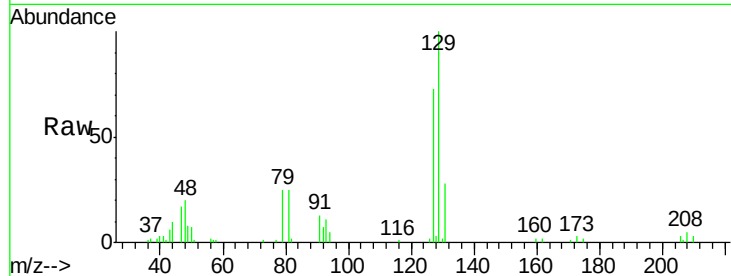




#61
 Dibromochloromethane
 Concen: 4.55 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

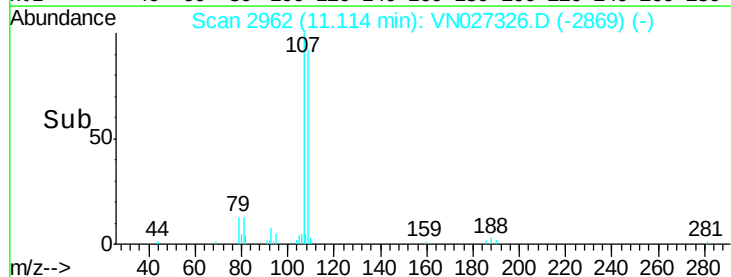
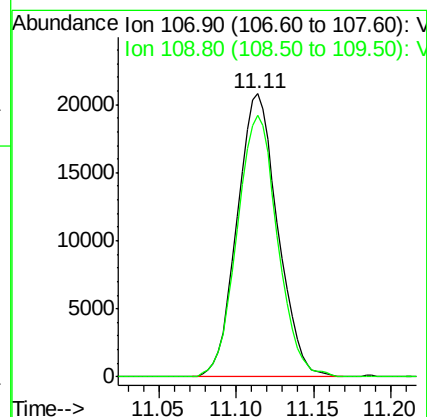
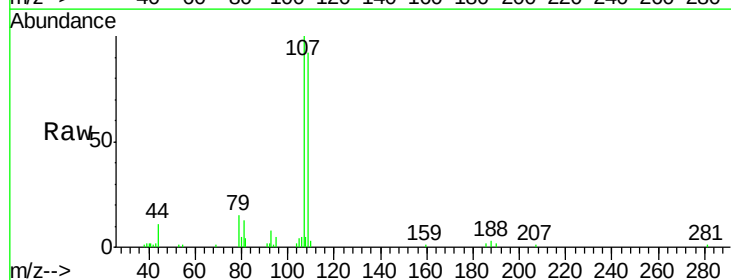
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

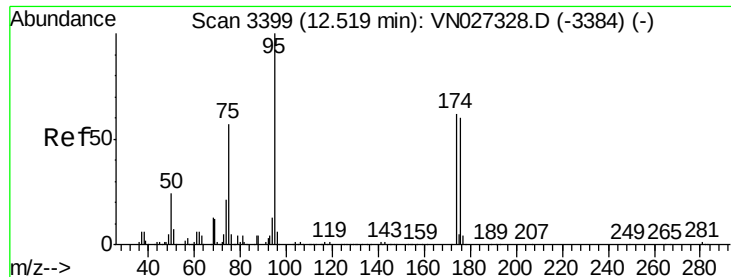
Tgt Ion:129 Resp: 39557
 Ion Ratio Lower Upper
 129 100
 127 73.1 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 4.52 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion:107 Resp: 37786
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.6 113.4

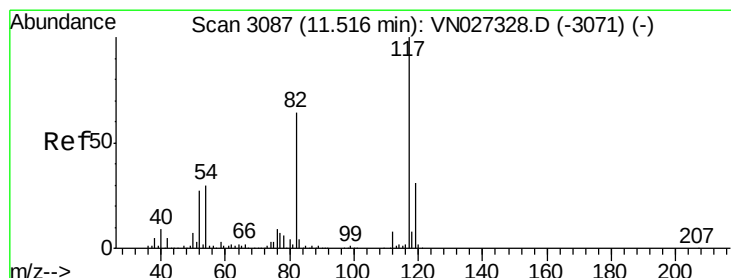
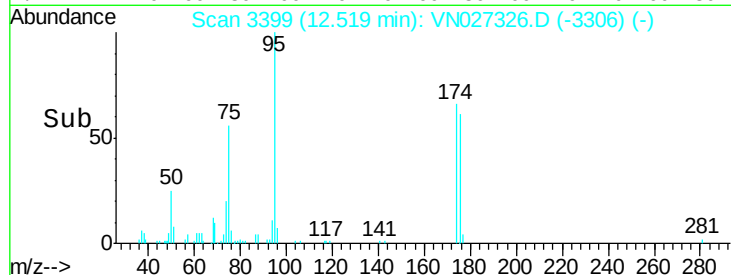
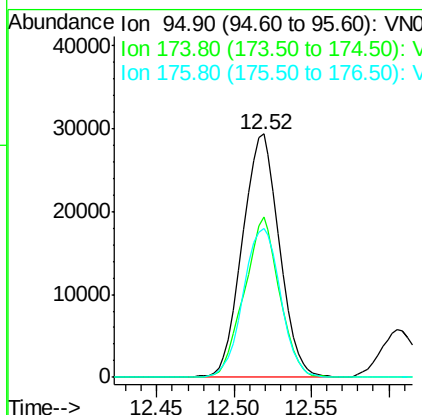
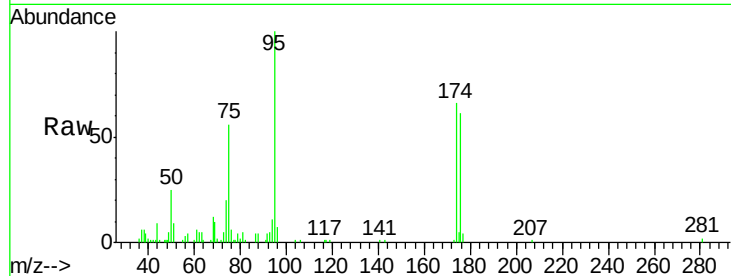




#63
 4-Bromofluorobenzene
 Concen: 4.49 ug/l
 RT: 12.52 min Scan# 3399
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

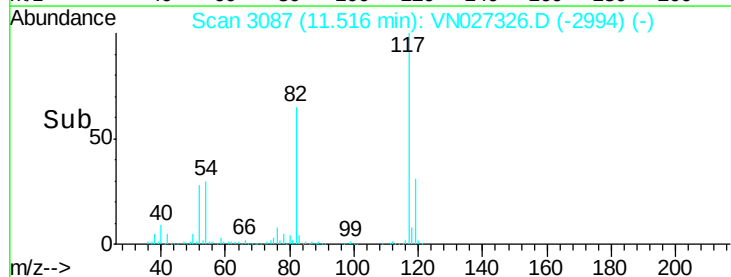
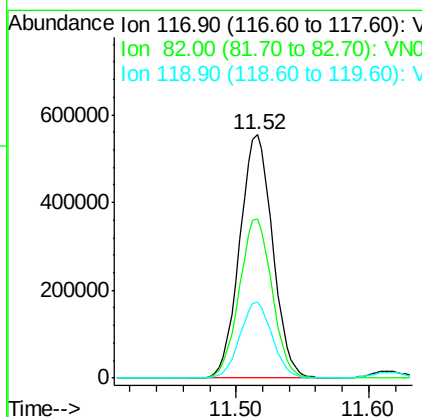
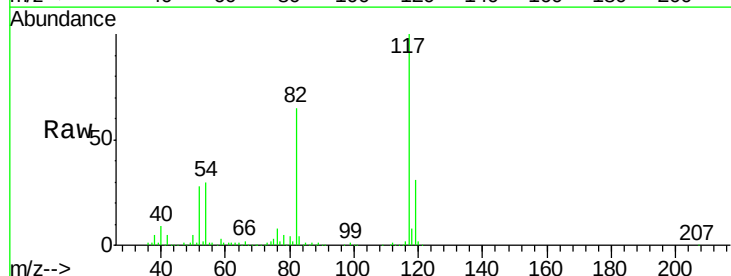
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

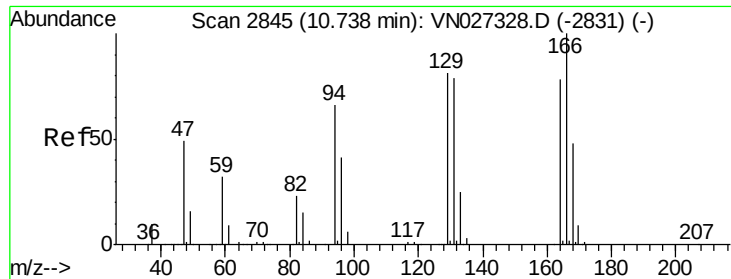
Tgt Ion: 95 Resp: 48891
 Ion Ratio Lower Upper
 95 100
 174 62.4 0.0 137.0
 176 61.6 0.0 130.8



#64
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 117 Resp: 954476
 Ion Ratio Lower Upper
 117 100
 82 65.4 49.6 74.4
 119 31.4 24.6 36.8





#65

Tetrachloroethene

Concen: 5.00 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 30509

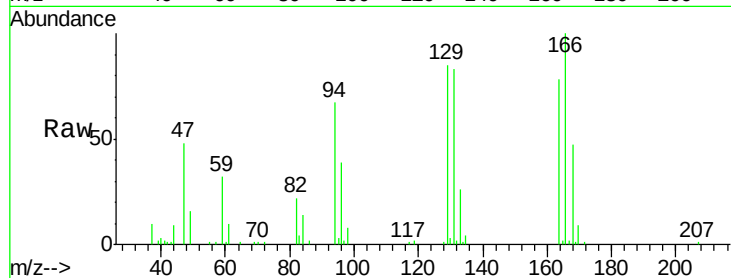
Ion Ratio Lower Upper

164 100

166 128.2 103.4 155.0

129 108.8 77.5 116.3

131 106.9 74.2 111.4

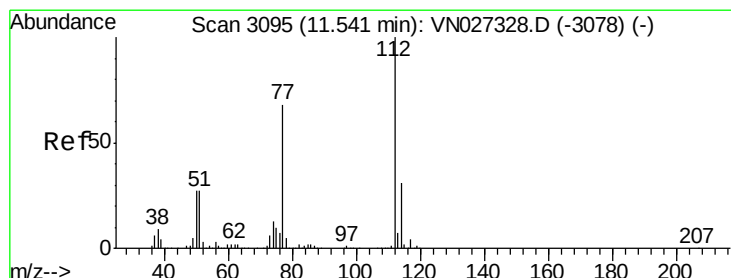
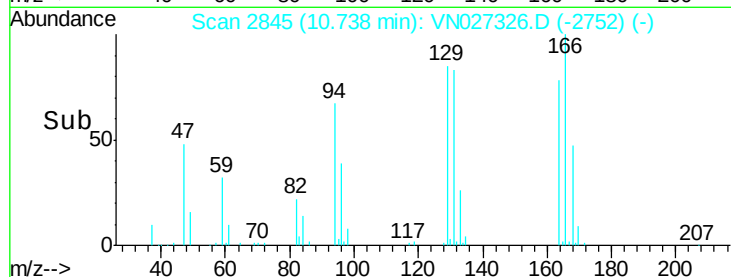
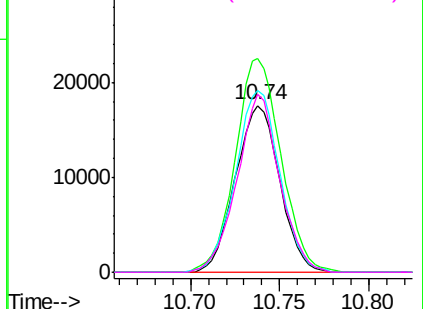


Abundance Ion 163.80 (163.50 to 164.50): V

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: 4.81 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027326.D

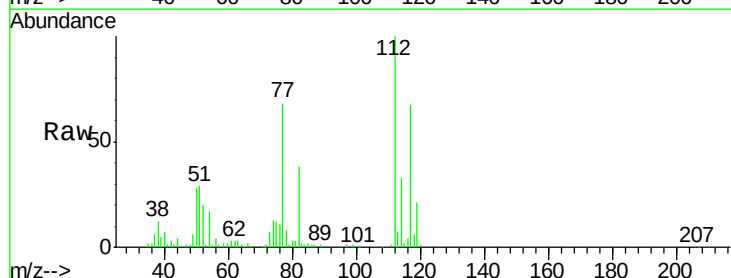
Acq: 21 Sep 2015 10:46

Tgt Ion:112 Resp: 108300

Ion Ratio Lower Upper

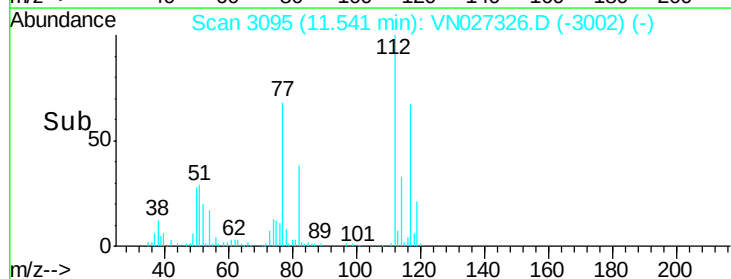
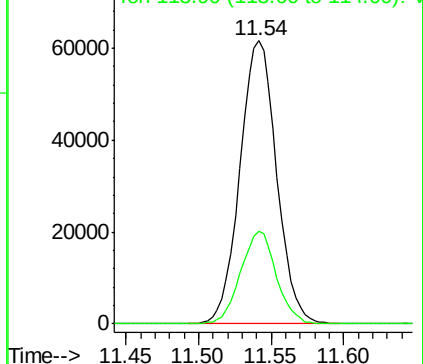
112 100

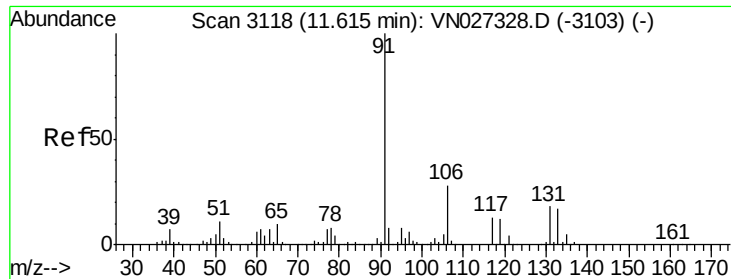
114 32.6 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

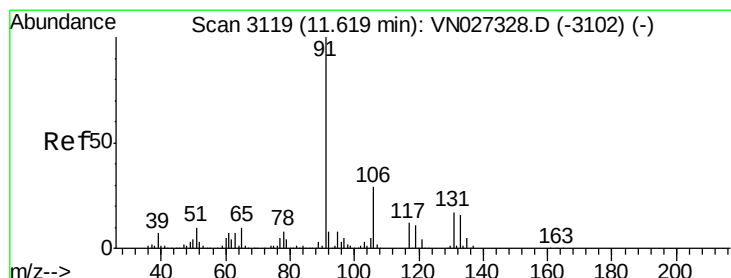
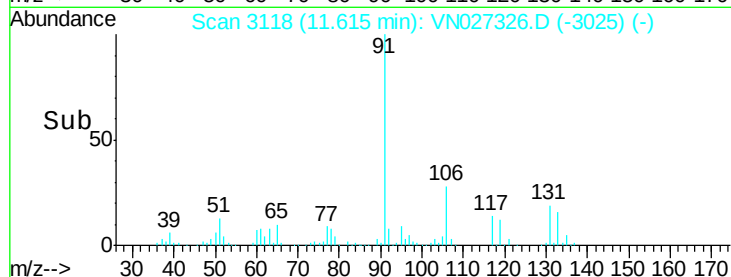
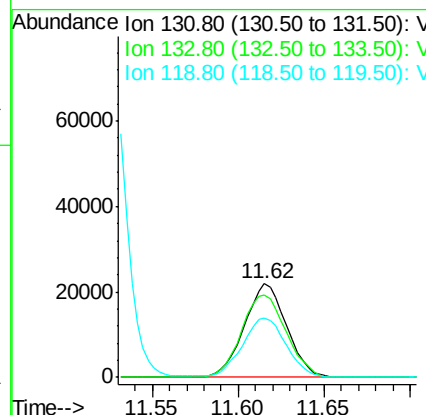
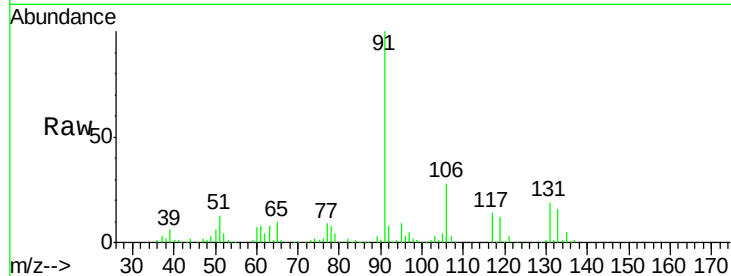




#67
 1,1,1,2-Tetrachloroethane
 Concen: 4.85 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

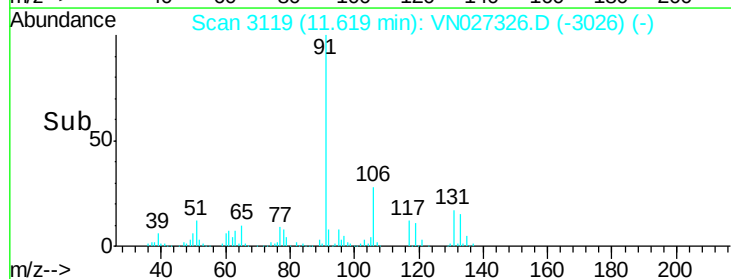
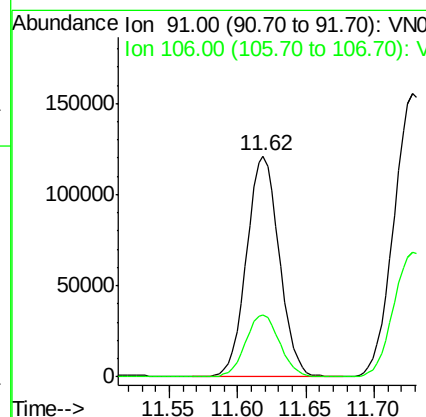
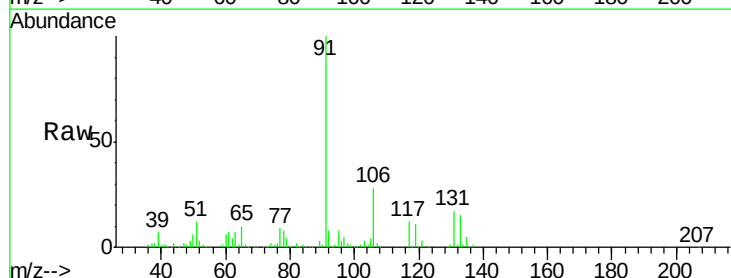
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

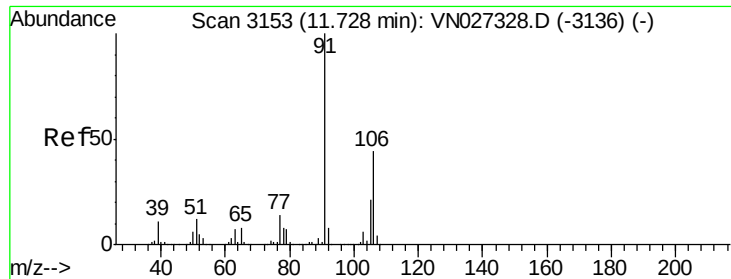
Tgt Ion: 131 Resp: 37252
 Ion Ratio Lower Upper
 131 100
 133 93.4 47.0 141.2
 119 66.0 35.1 105.5



#68
 Ethyl Benzene
 Concen: 4.71 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 91 Resp: 201438
 Ion Ratio Lower Upper
 91 100
 106 28.0 23.1 34.7





#69

m/p-Xylenes

Concen: 9.37 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

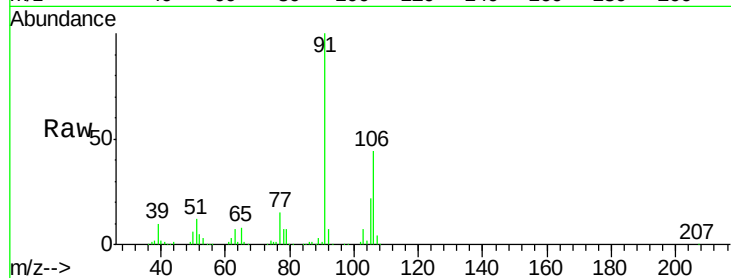
VSTDIC005

Tgt Ion:106 Resp: 138073

Ion Ratio Lower Upper

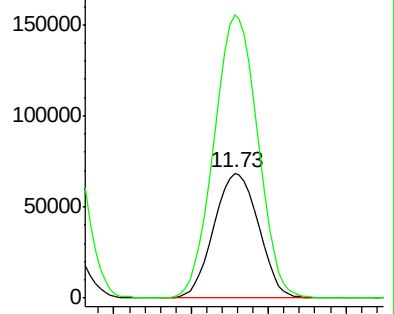
106 100

91 220.3 167.1 250.7

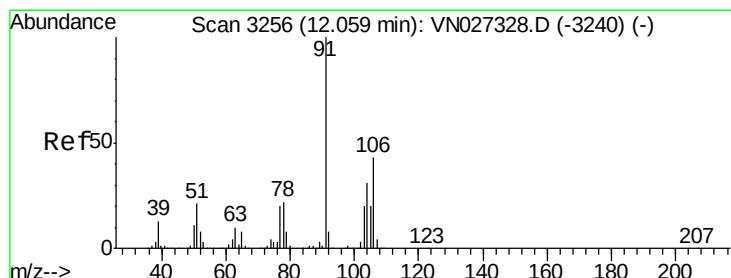
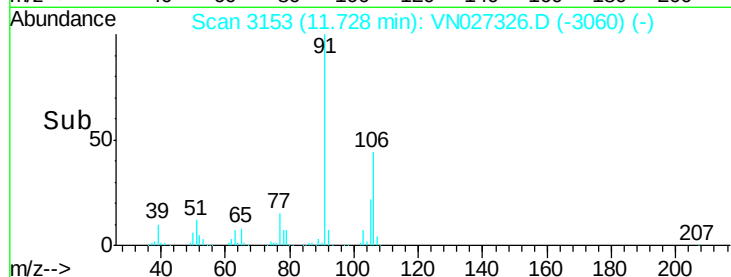


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#70

o-Xylene

Concen: 4.84 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027326.D

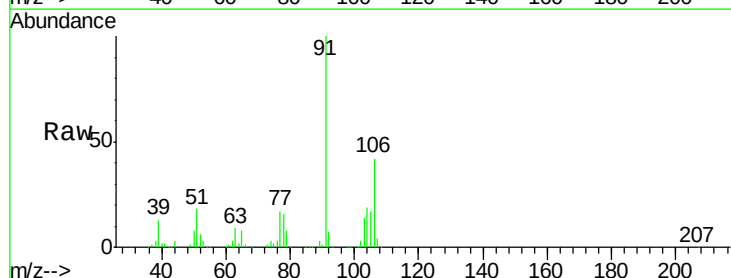
Acq: 21 Sep 2015 10:46

Tgt Ion:106 Resp: 71462

Ion Ratio Lower Upper

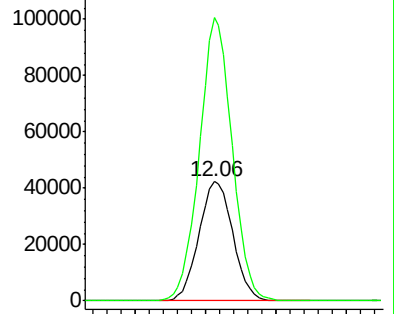
106 100

91 227.8 110.7 331.9

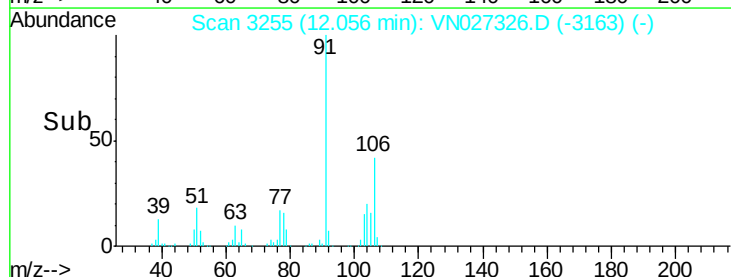


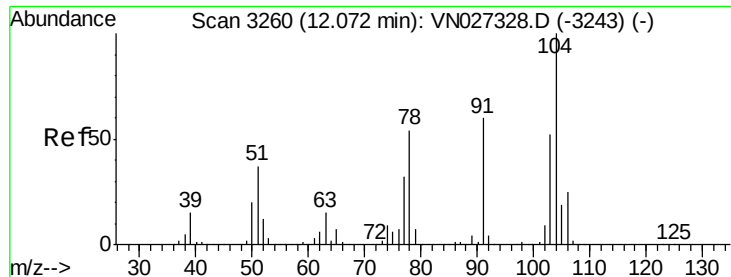
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



Time-->

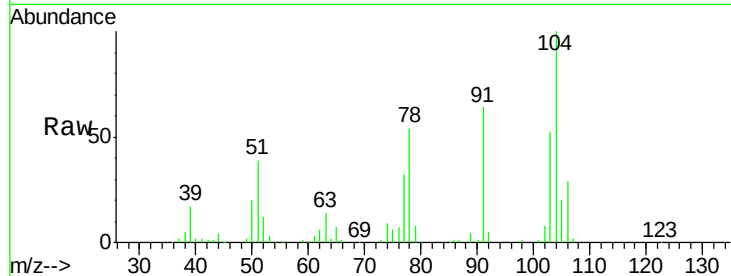




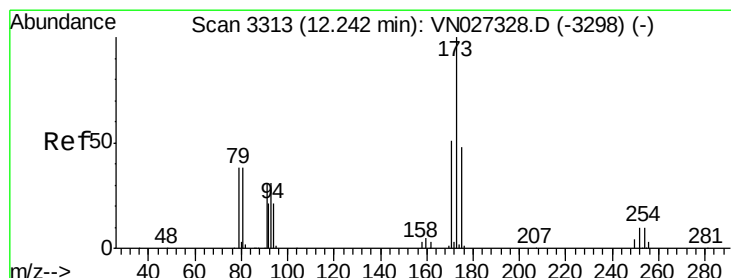
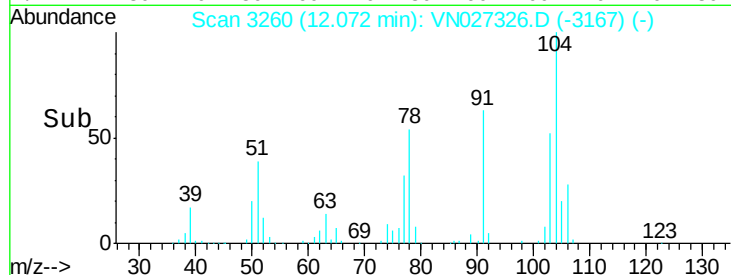
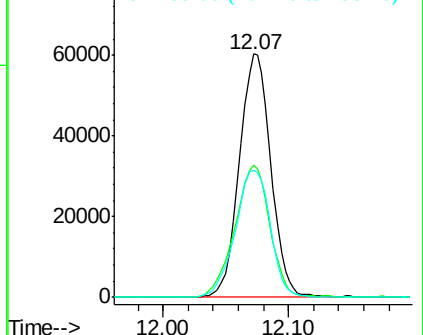
#71
Styrene
Concen: 4.42 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion:104 Resp: 105349
Ion Ratio Lower Upper
104 100
78 60.5 41.6 62.4
103 58.0 44.2 66.2

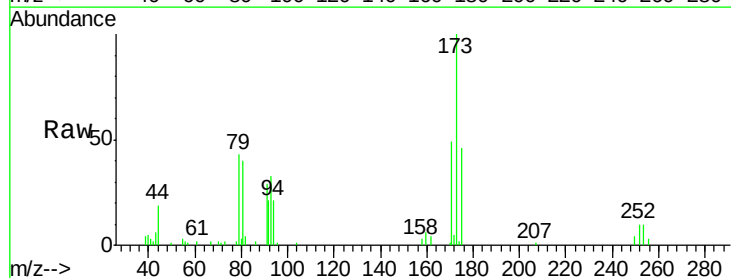


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

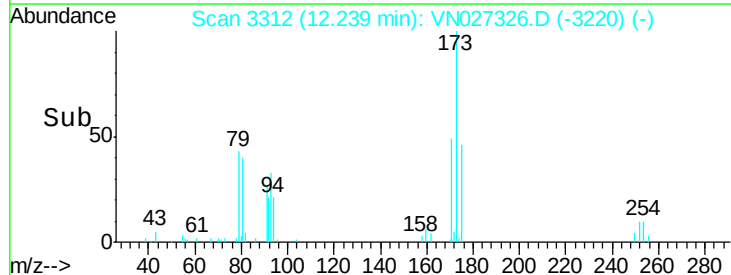
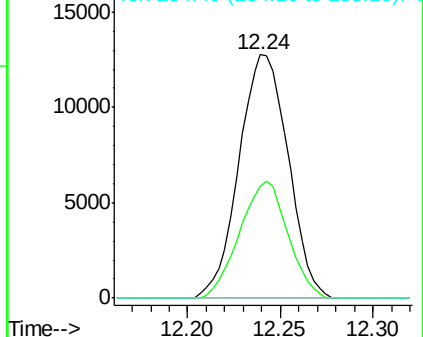


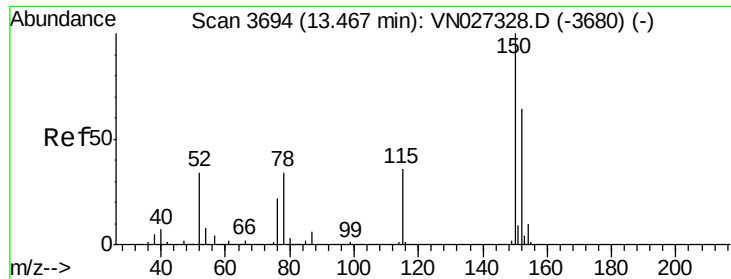
#72
Bromoform
Concen: 4.40 ug/l
RT: 12.24 min Scan# 3312
Delta R.T. -0.00 min
Lab File: VN027326.D
Acq: 21 Sep 2015 10:46

Tgt Ion:173 Resp: 23524
Ion Ratio Lower Upper
173 100
175 47.0 24.4 73.4
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

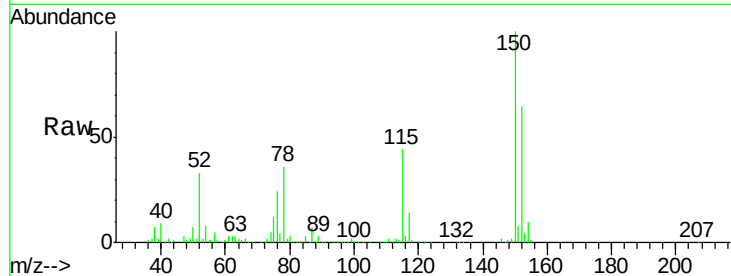
Tgt Ion:152 Resp: 334820

Ion Ratio Lower Upper

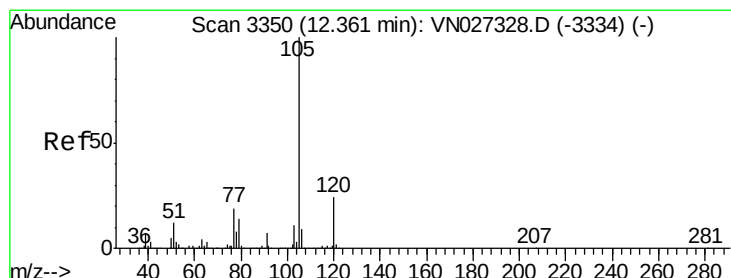
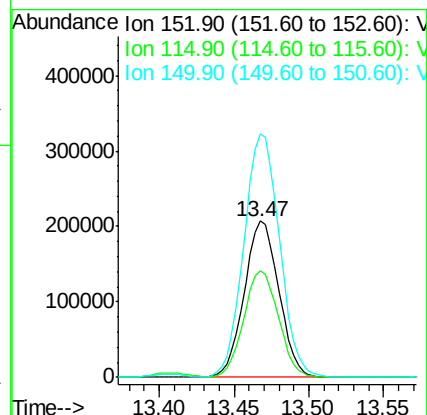
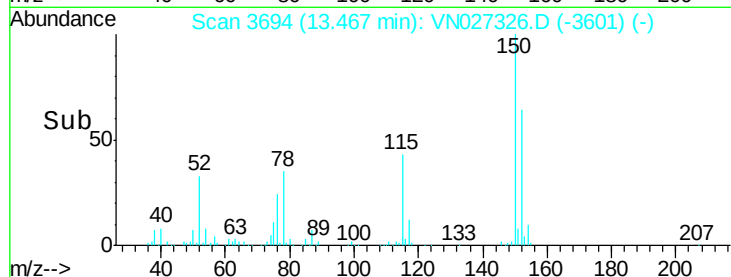
152 100

115 68.5 30.8 92.3

150 159.2 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: 5.00 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027326.D

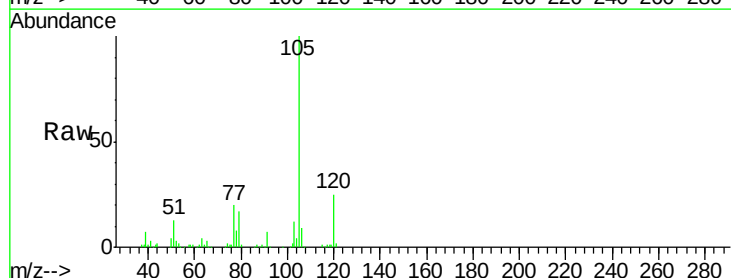
Acq: 21 Sep 2015 10:46

Tgt Ion:105 Resp: 184480

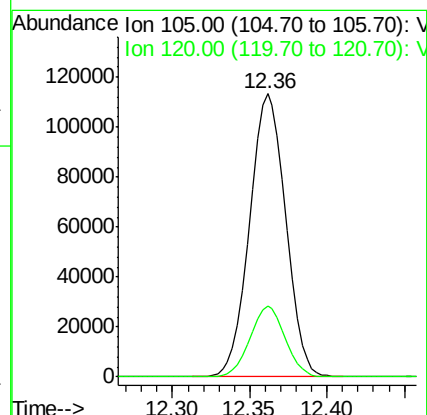
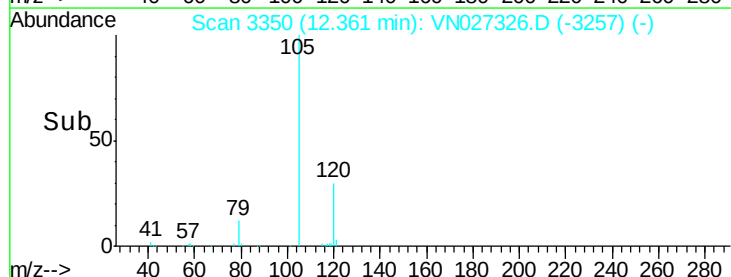
Ion Ratio Lower Upper

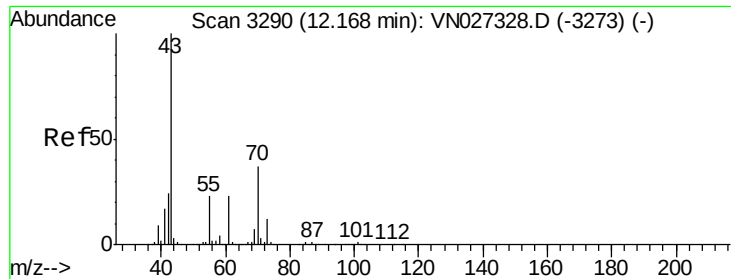
105 100

120 24.3 12.4 37.2



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





#75

N-amyI acetate

Concen: 4.12 ug/l

RT: 12.17 min Scan# 3291

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 67798

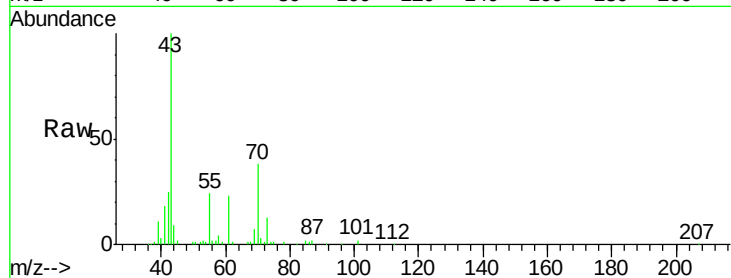
Ion Ratio Lower Upper

43 100

70 38.2 29.8 44.8

55 26.5 19.4 29.0

61 23.5 18.2 27.2

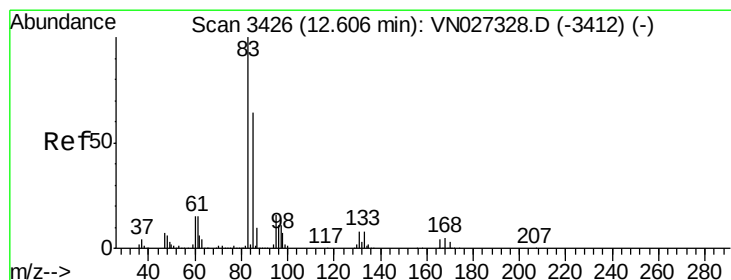
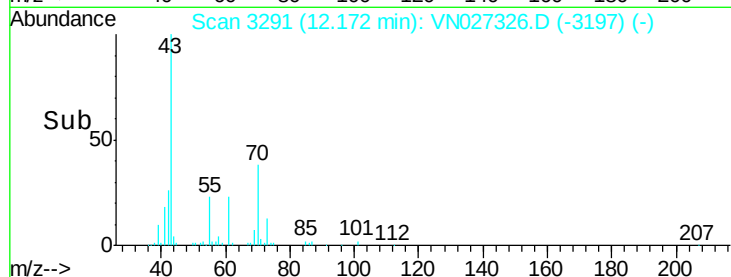
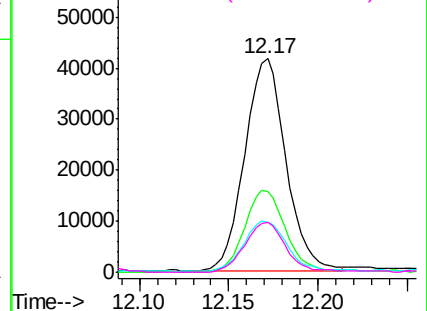


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 2.04 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

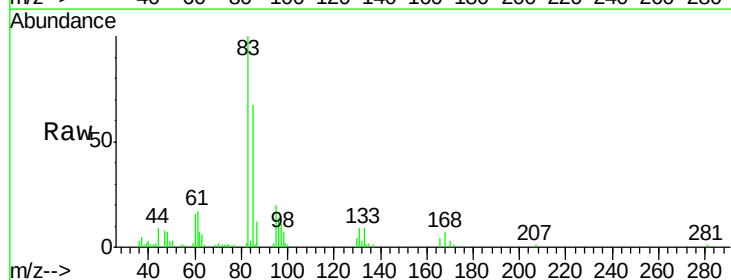
Tgt Ion: 83 Resp: 50905

Ion Ratio Lower Upper

83 100

131 8.4 4.1 12.3

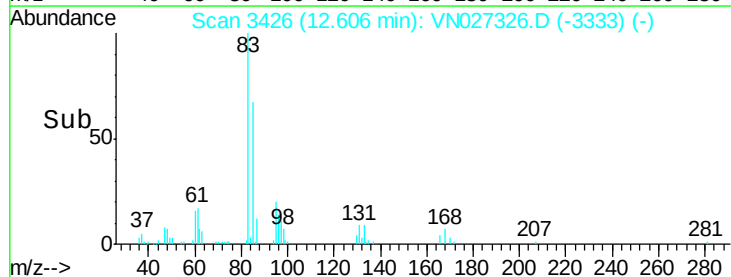
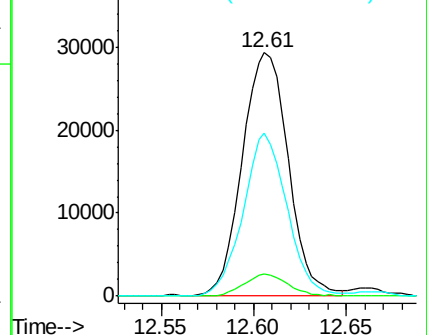
85 63.6 31.9 95.7

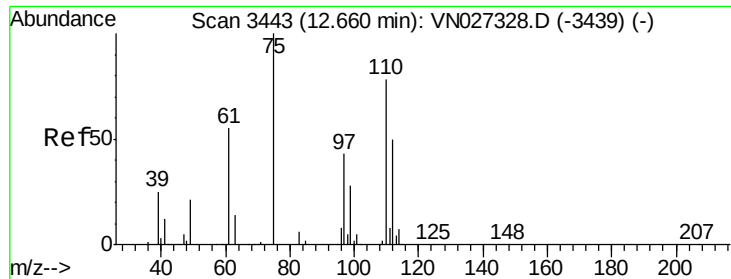


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 7.01 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampled :

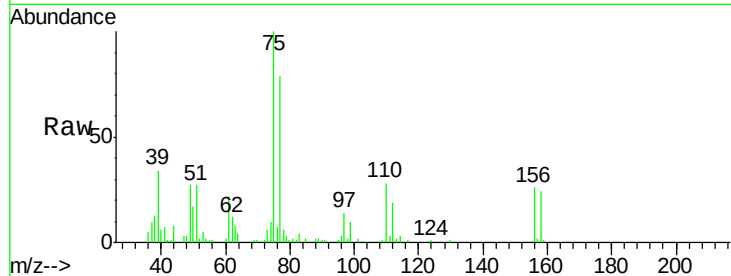
VSTDIC005

Tgt Ion: 75 Resp: 70980

Ion Ratio Lower Upper

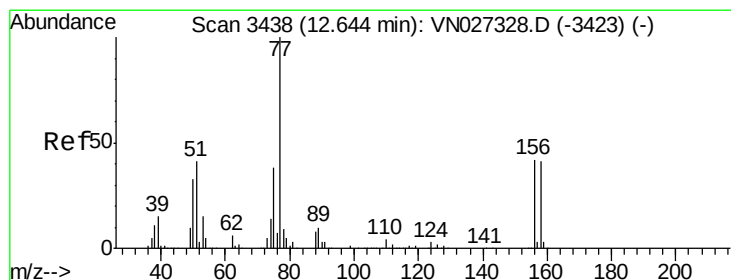
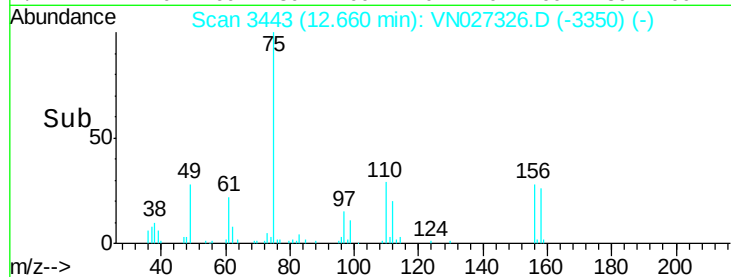
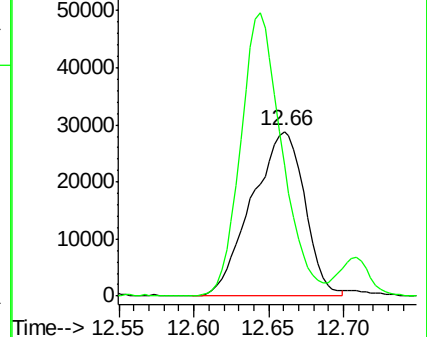
75 100

77 134.0 103.1 309.3



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: 5.00 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

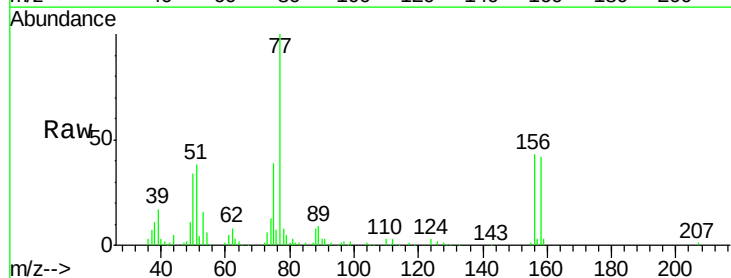
Tgt Ion: 156 Resp: 36148

Ion Ratio Lower Upper

156 100

77 263.2 127.3 381.9

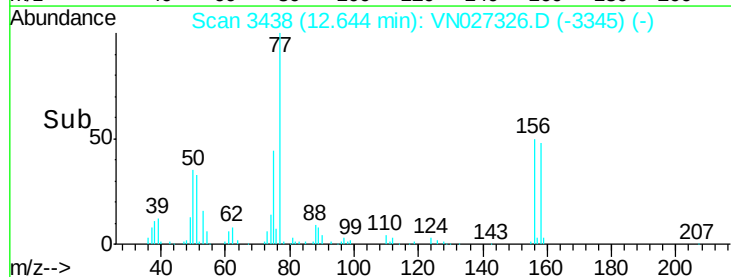
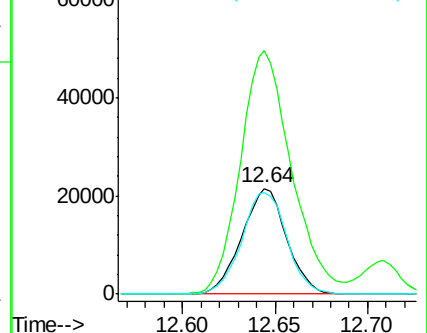
158 97.0 48.0 144.2

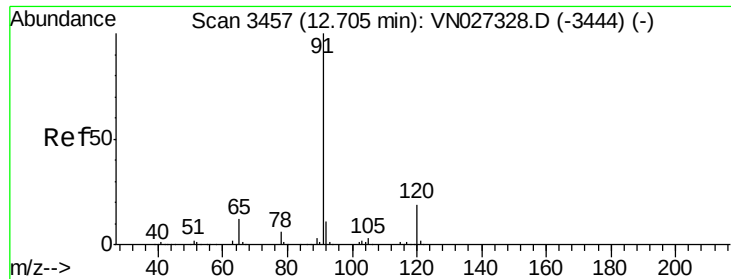


Abundance Ion 155.80 (155.50 to 156.50): VN027328.D (-3423) (-)

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: 4.85 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampled :

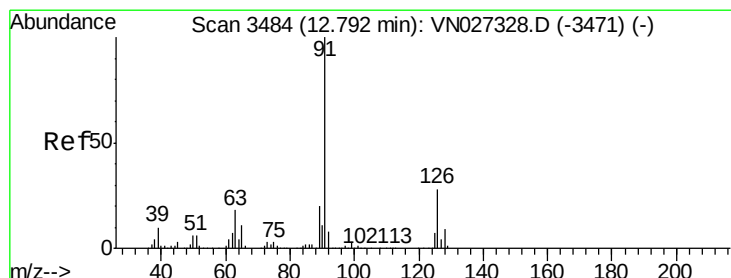
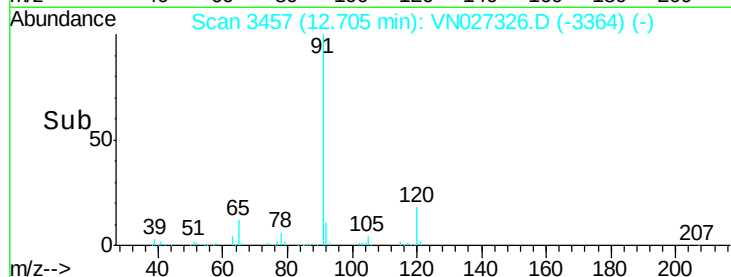
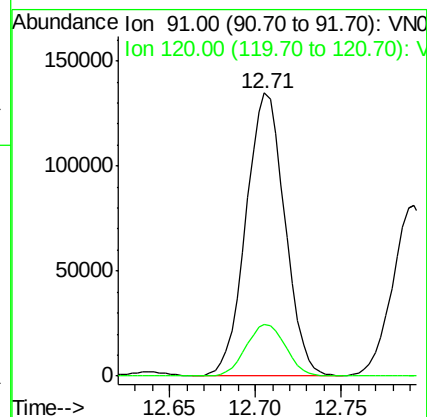
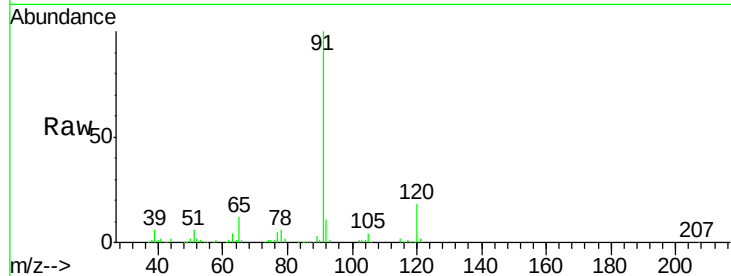
VSTDIC005

Tgt Ion: 91 Resp: 210343

Ion Ratio Lower Upper

91 100

120 18.8 10.3 30.8



#80

2-Chlorotoluene

Concen: 5.11 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027326.D

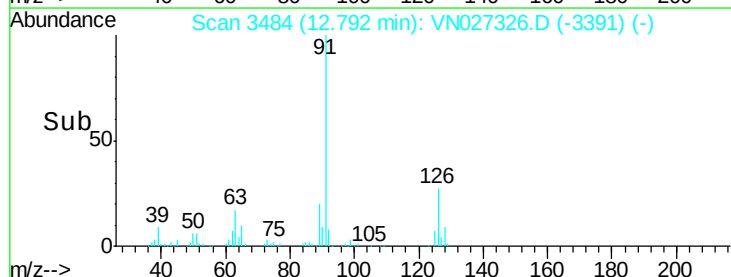
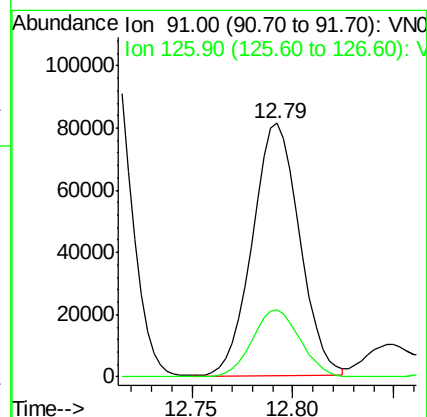
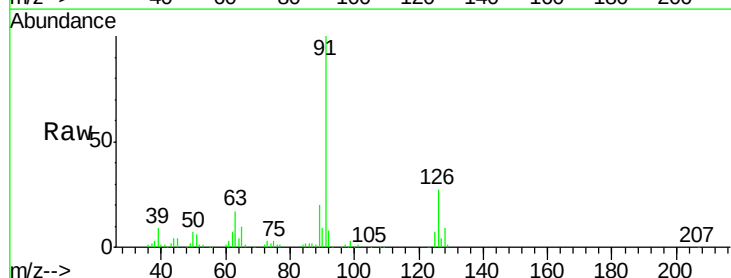
Acq: 21 Sep 2015 10:46

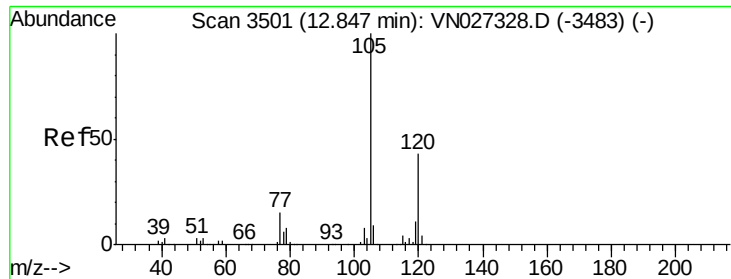
Tgt Ion: 91 Resp: 133127

Ion Ratio Lower Upper

91 100

126 27.0 15.2 45.5

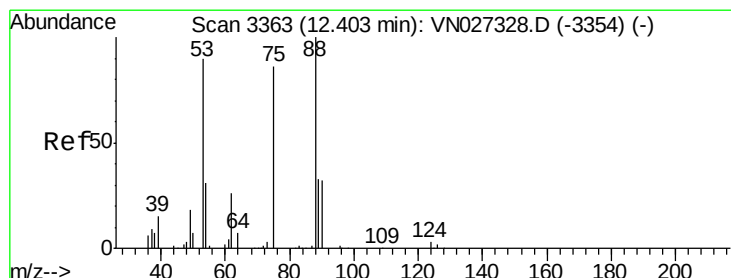
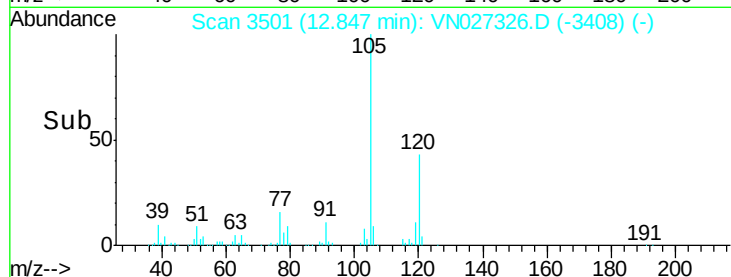
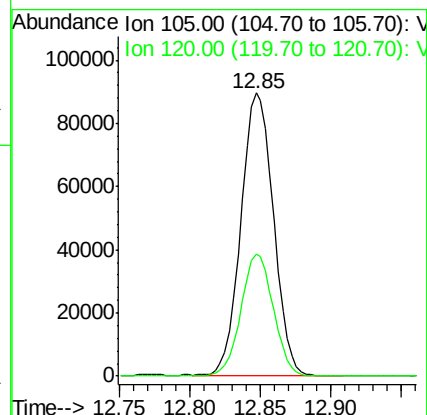
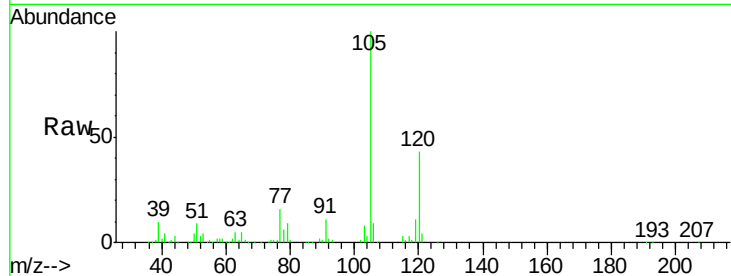




#81
 1,3,5-Trimethylbenzene
 Concen: 4.90 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

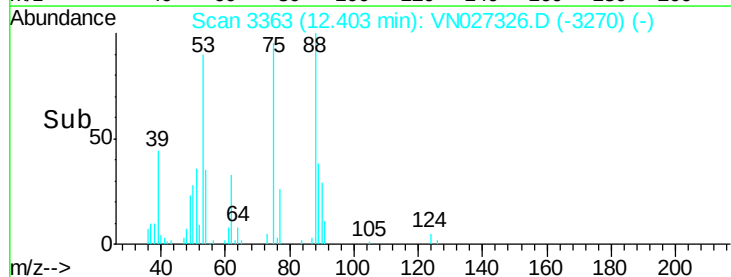
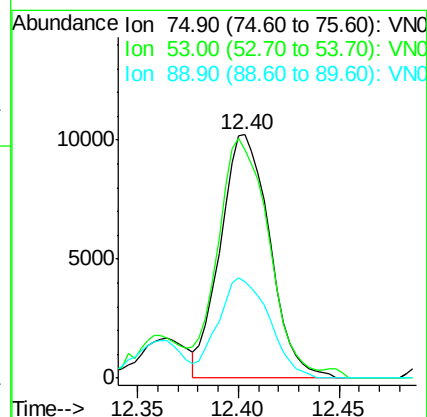
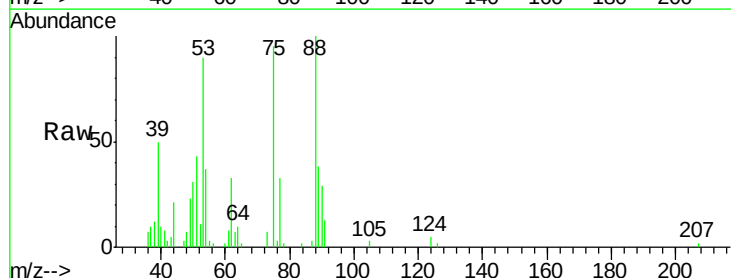
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

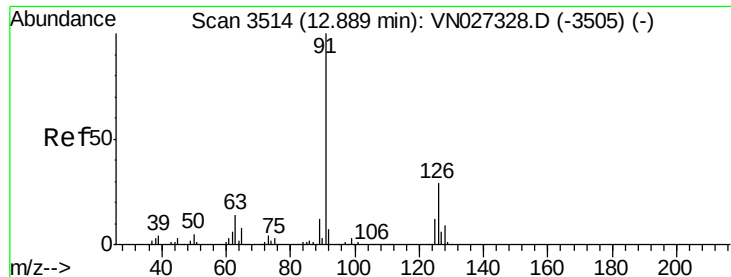
Tgt Ion: 105 Resp: 145386
 Ion Ratio Lower Upper
 105 100
 120 42.8 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 4.24 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 75 Resp: 17472
 Ion Ratio Lower Upper
 75 100
 53 103.9 92.9 139.3
 89 42.9 34.2 51.4

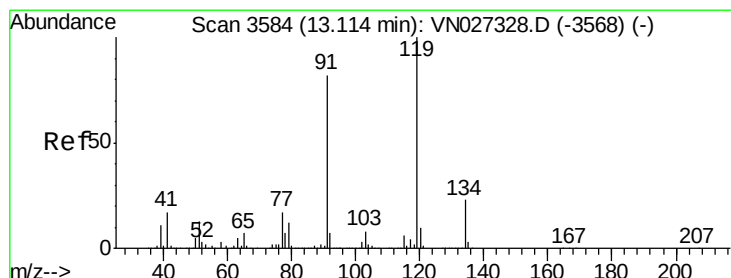
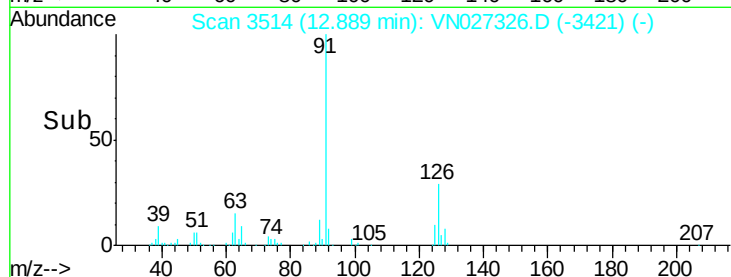
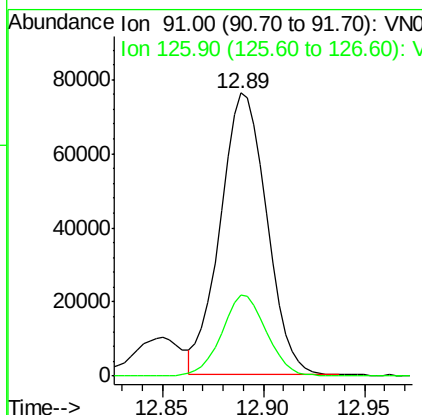
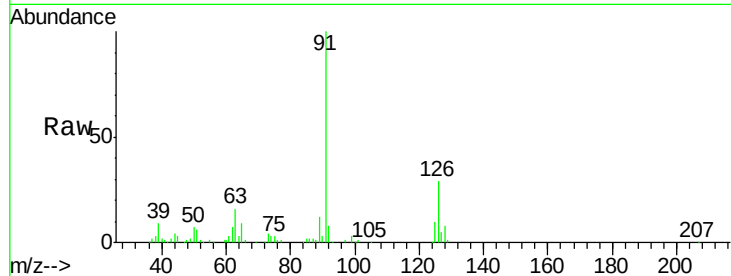




#83
 4-Chlorotoluene
 Concen: 4.77 ug/l
 RT: 12.89 min Scan# 3514
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

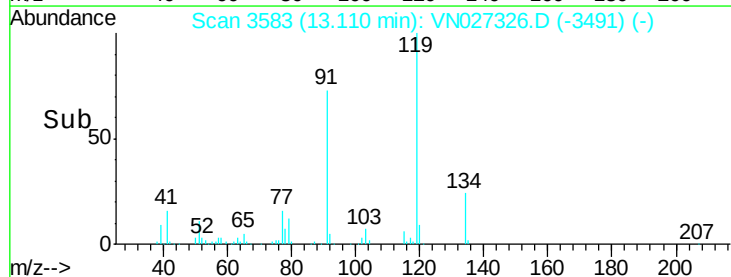
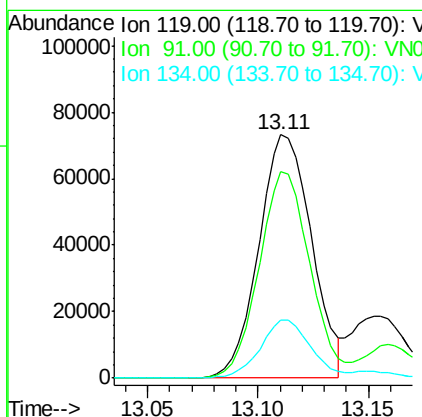
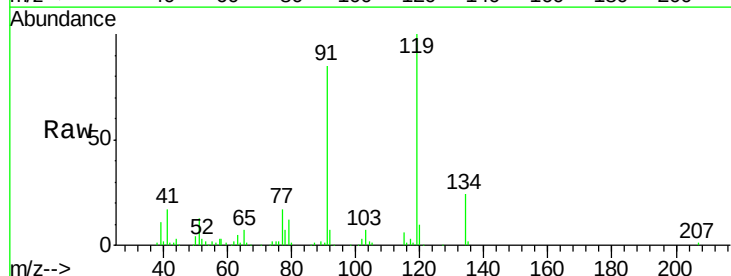
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

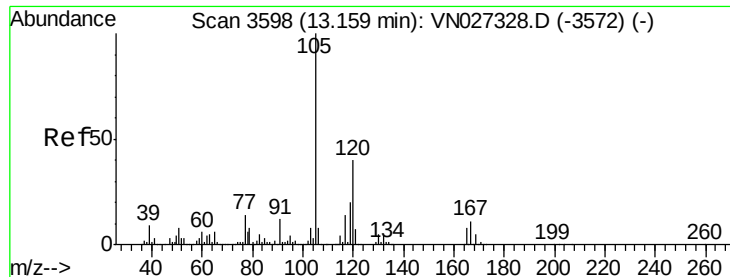
Tgt Ion: 91 Resp: 122161
 Ion Ratio Lower Upper
 91 100
 126 27.9 14.9 44.5



#84
 tert-Butylbenzene
 Concen: 4.97 ug/l
 RT: 13.11 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 119 Resp: 121493
 Ion Ratio Lower Upper
 119 100
 91 81.4 34.6 103.8
 134 22.5 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 4.85 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampled :

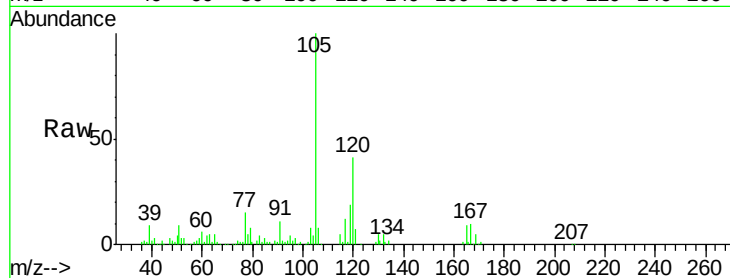
VSTDIC005

Tgt Ion:105 Resp: 144262

Ion Ratio Lower Upper

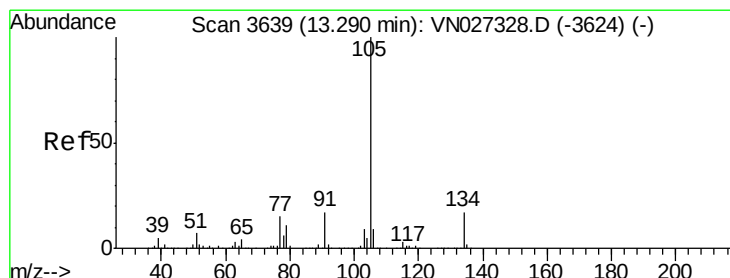
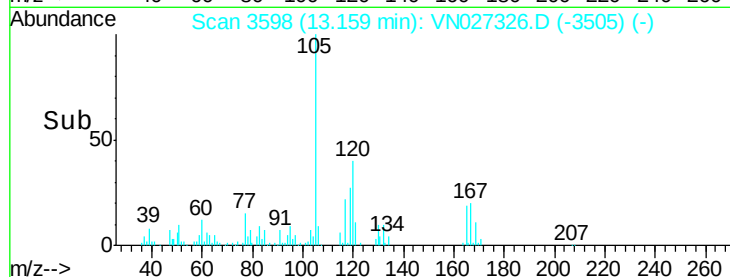
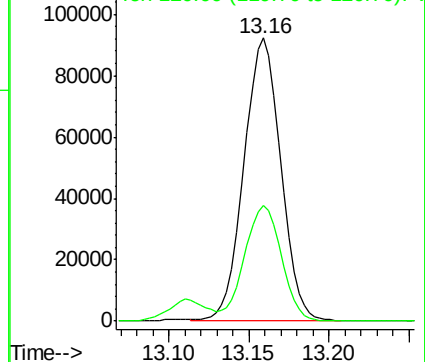
105 100

120 41.5 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

sec-Butylbenzene

Concen: 4.78 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027326.D

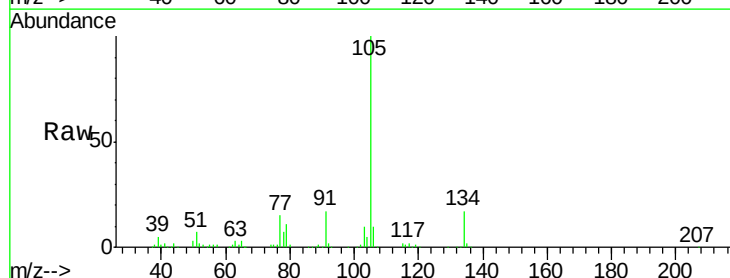
Acq: 21 Sep 2015 10:46

Tgt Ion:105 Resp: 171311

Ion Ratio Lower Upper

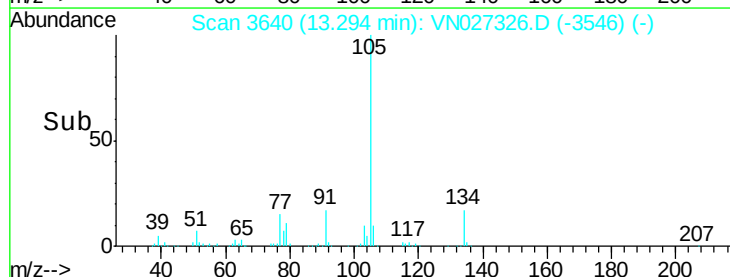
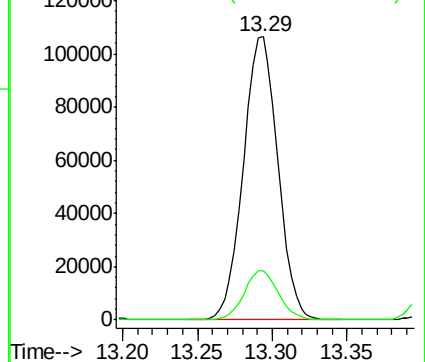
105 100

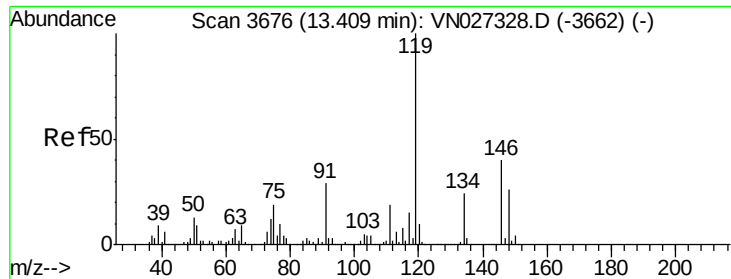
134 17.4 8.8 26.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

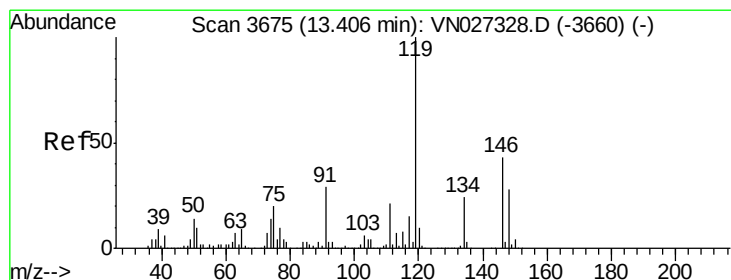
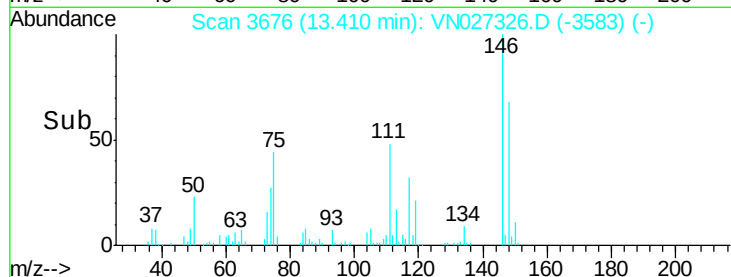
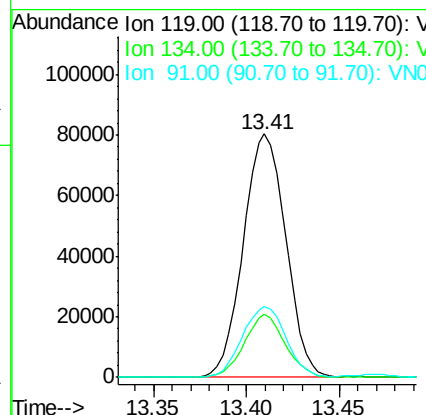
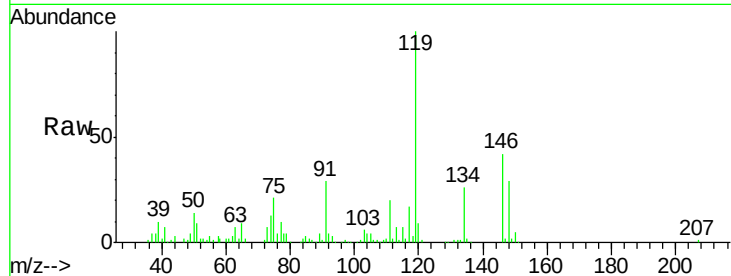




#87
 p-Isopropyltoluene
 Concen: 4.63 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

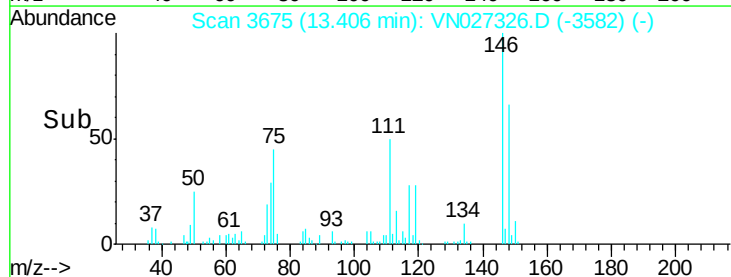
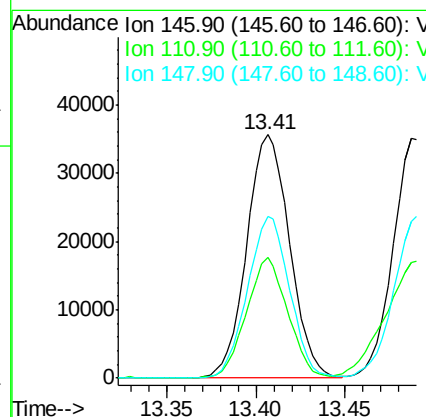
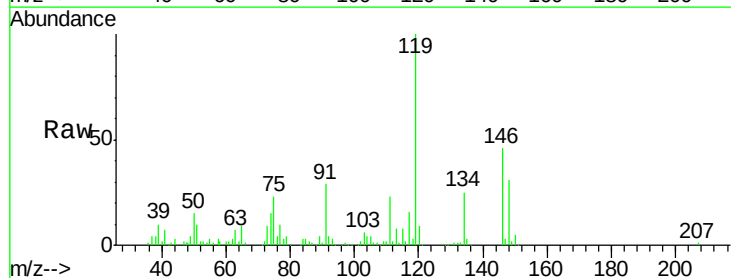
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

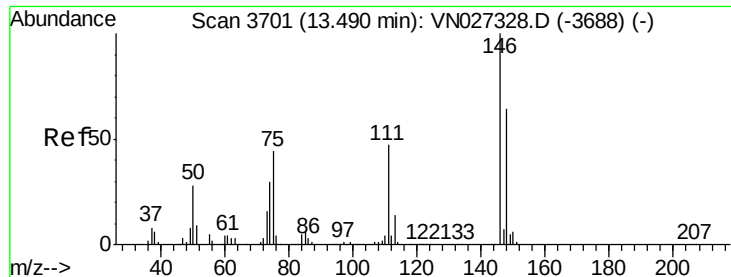
Tgt Ion:119 Resp: 127872
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.4 37.0
 91 29.9 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 4.85 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion:146 Resp: 60062
 Ion Ratio Lower Upper
 146 100
 111 47.6 21.0 63.0
 148 65.1 31.9 95.9

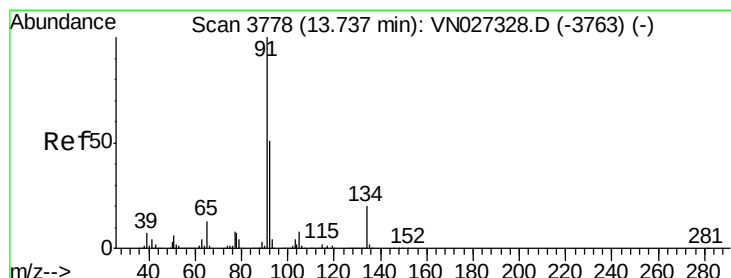
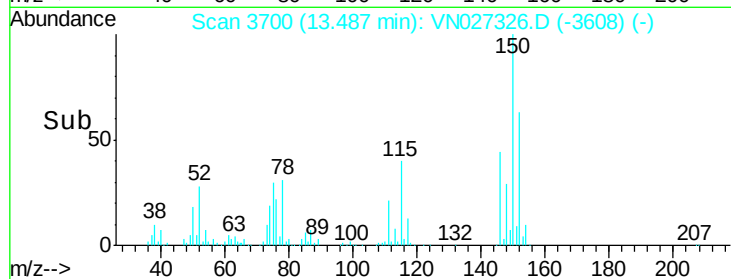
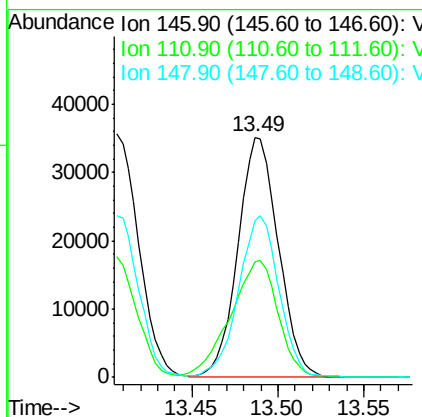
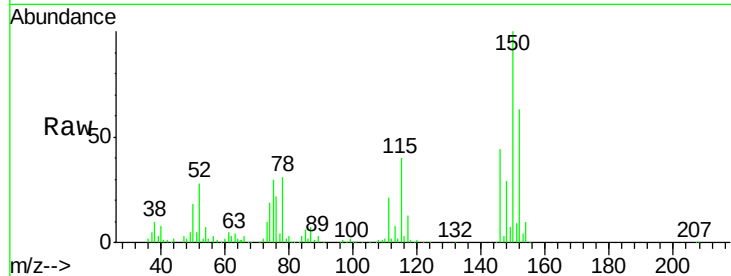




#89
 1,4-Dichlorobenzene
 Concen: 4.60 ug/l
 RT: 13.49 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

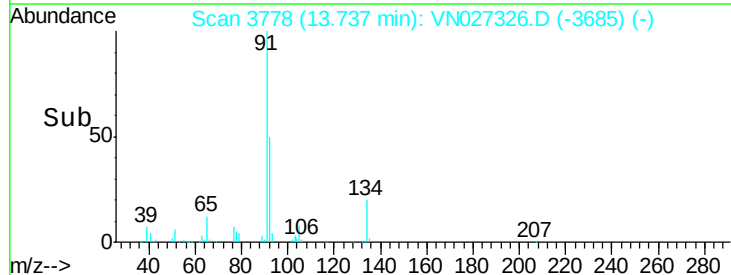
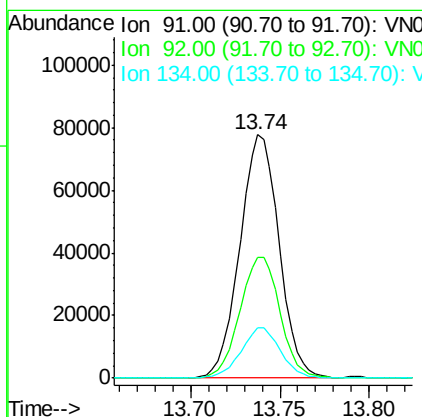
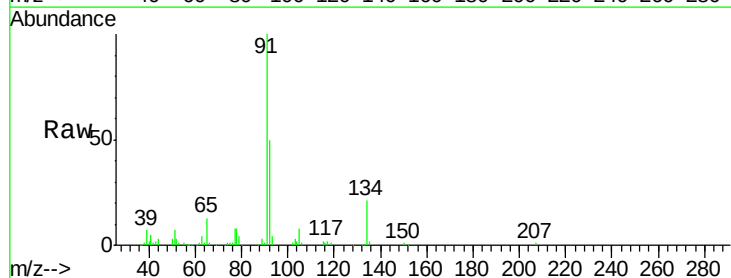
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

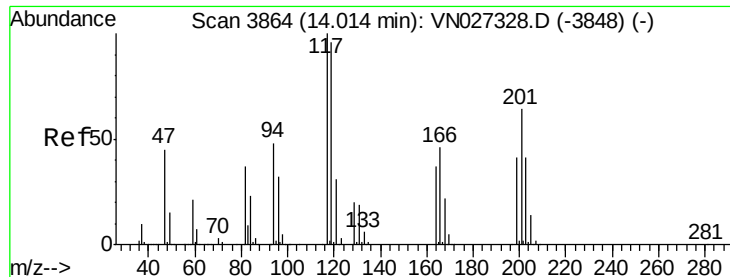
Tgt Ion: 146 Resp: 57704
 Ion Ratio Lower Upper
 146 100
 111 57.3 19.9 59.6
 148 67.2 31.7 95.1



#90
 n-Butylbenzene
 Concen: 4.45 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Tgt Ion: 91 Resp: 119220
 Ion Ratio Lower Upper
 91 100
 92 50.7 26.1 78.2
 134 20.8 11.1 33.1





#91

Hexachloroethane

Concen: 4.52 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampled :

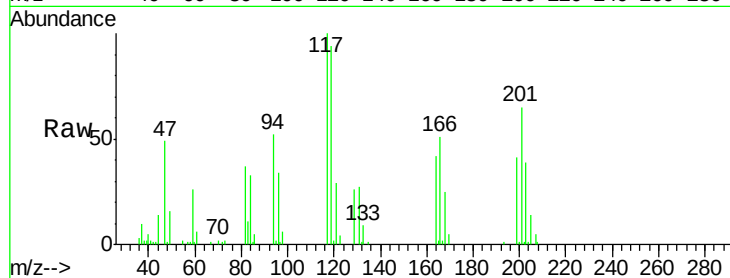
VSTDIC005

Tgt Ion:117 Resp: 27315

Ion Ratio Lower Upper

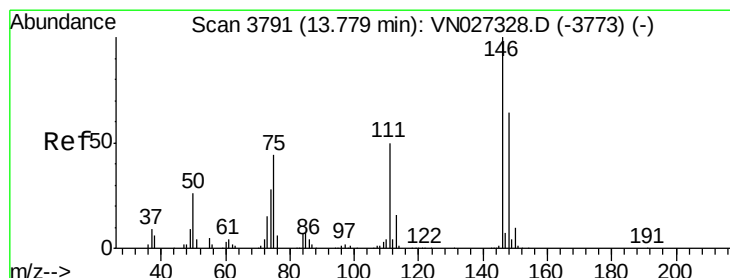
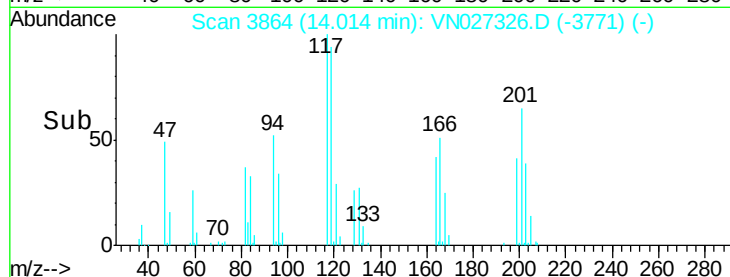
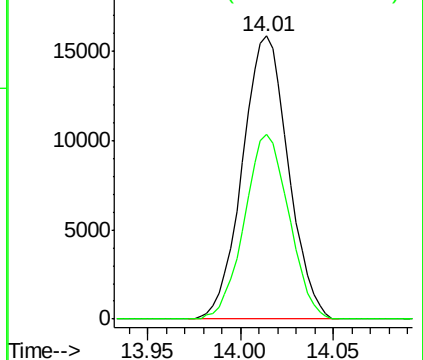
117 100

201 63.2 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 4.95 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

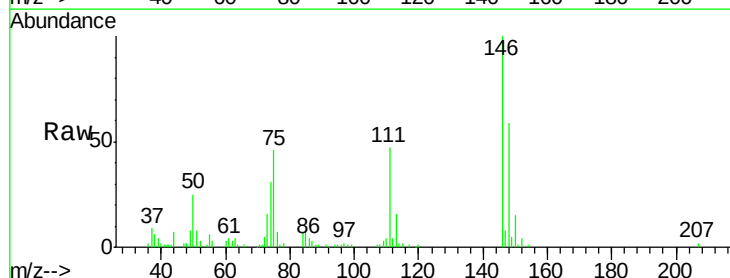
Tgt Ion:146 Resp: 60545

Ion Ratio Lower Upper

146 100

111 48.9 22.1 66.3

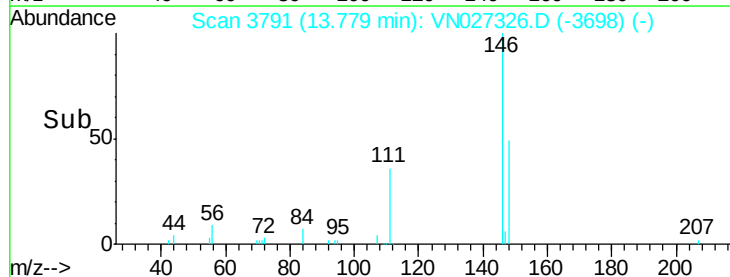
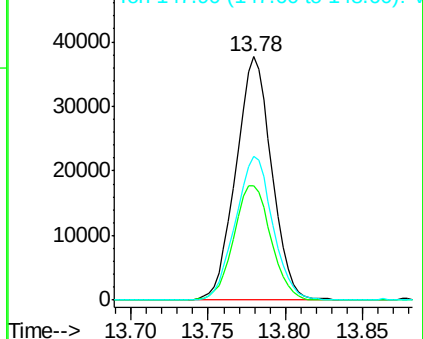
148 61.5 32.0 96.0

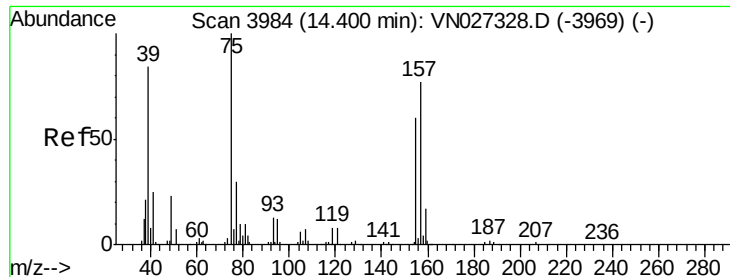


Abundance Ion 145.90 (145.60 to 146.60): V

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: 2.92 ug/l

RT: 14.40 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

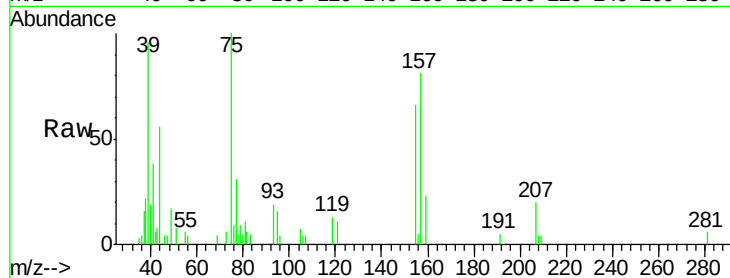
Tgt Ion: 75 Resp: 8887

Ion Ratio Lower Upper

75 100

155 56.5 35.6 106.9

157 71.3 44.6 133.8

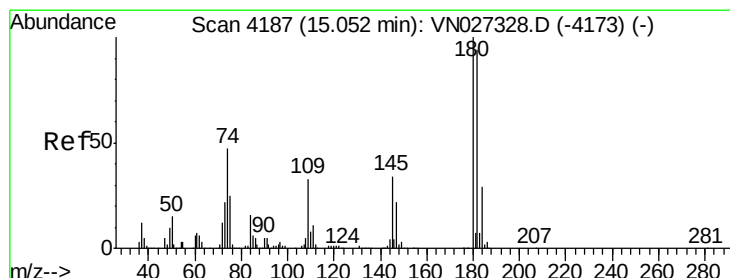
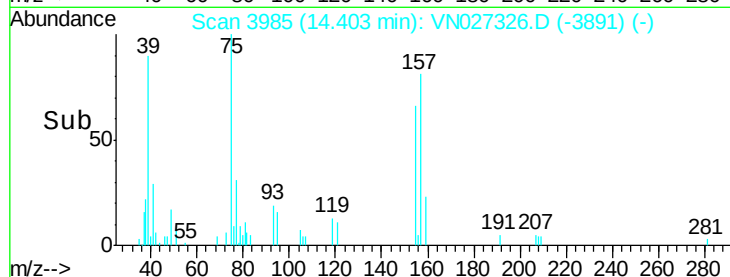
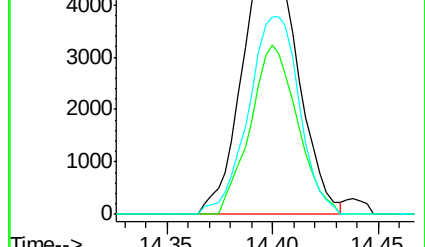


Abundance Ion 74.90 (74.60 to 75.60): VN027328.D (-3969) (-)

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

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

Time-->



#94

1,2,4-Trichlorobenzene

Concen: 3.73 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

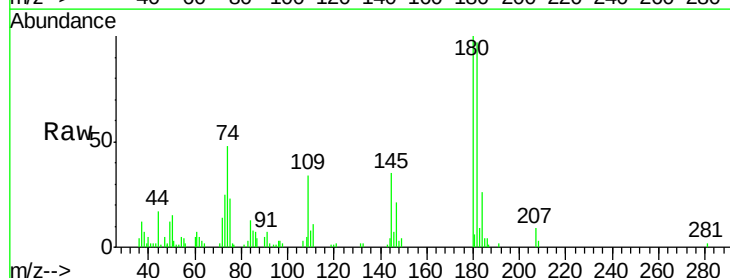
Tgt Ion: 180 Resp: 24629

Ion Ratio Lower Upper

180 100

182 101.2 47.5 142.5

145 37.6 15.1 45.3

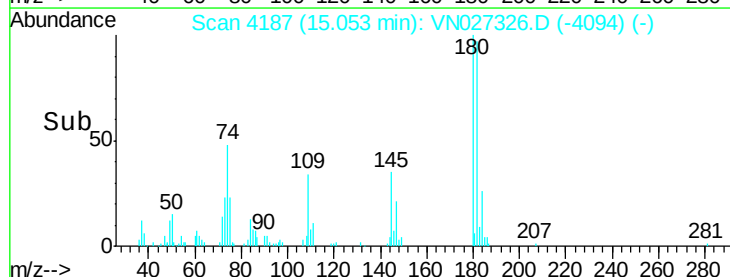
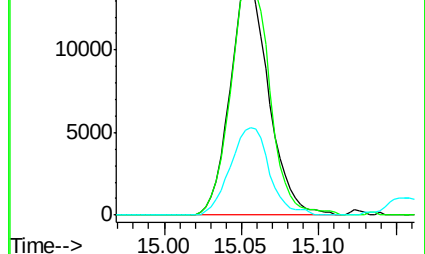


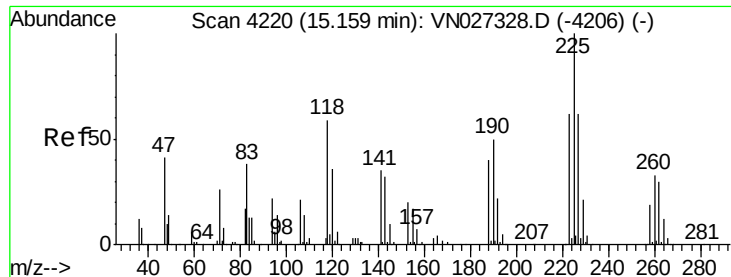
Abundance Ion 179.80 (179.50 to 180.50): VN027328.D (-4173) (-)

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

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

Time-->





#95

Hexachlorobutadiene

Concen: 4.96 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

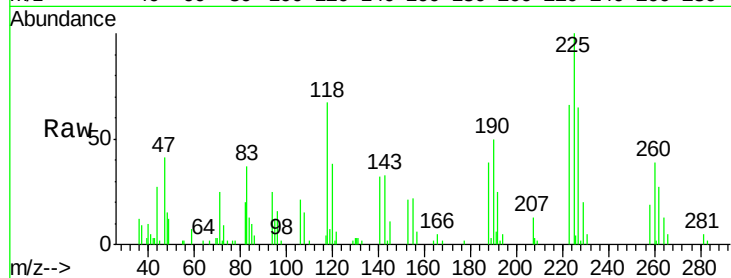
Tgt Ion:225 Resp: 17275

Ion Ratio Lower Upper

225 100

223 60.3 30.8 92.3

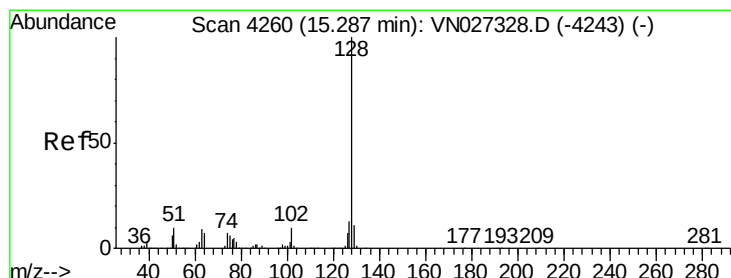
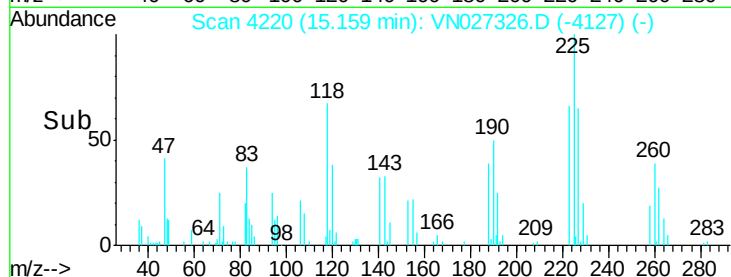
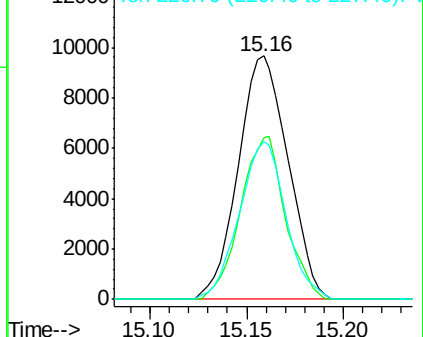
227 60.7 31.7 95.1



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: 3.31 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027326.D

Acq: 21 Sep 2015 10:46

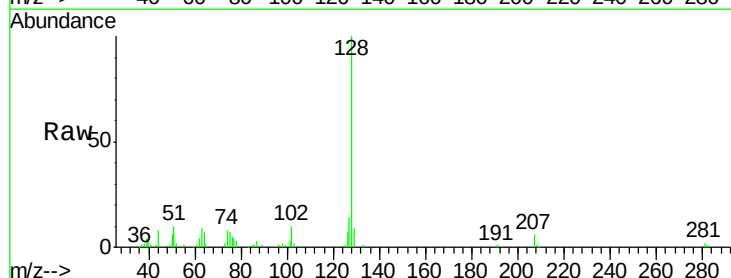
Tgt Ion:128 Resp: 64055

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

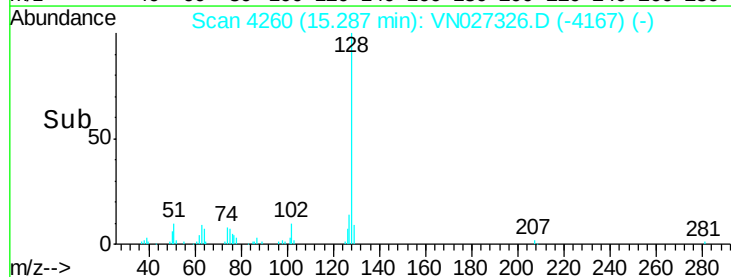
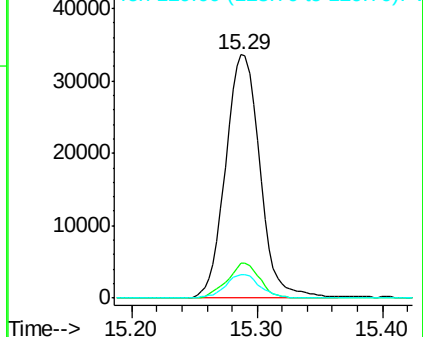
129 9.7 8.6 12.8

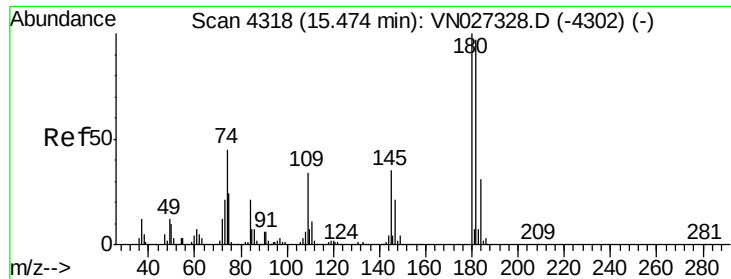


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

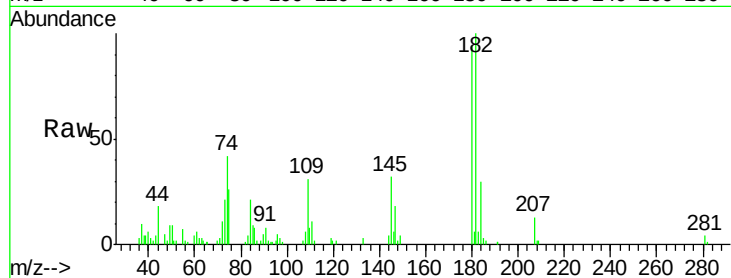




#97
 1,2,3-Trichlorobenzene
 Concen: 3.86 ug/l
 RT: 15.48 min Scan# 4319
 Delta R.T. 0.00 min
 Lab File: VN027326.D
 Acq: 21 Sep 2015 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	48.8	146.4
145	32.5	16.6	49.8



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

