

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027344.D
 Acq On : 21 Sep 2015 21:54
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 22 03:40:22 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	541844	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1030035	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	876624	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	342804	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	537456	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
36) Dibromofluoromethane	7.68	113	339578	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
51) Toluene-d8	10.19	98	1293434	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
63) 4-Bromofluorobenzene	12.52	95	471575	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	269746	47.96	ug/l	99
3) Chlorodifluoromethane	1.82	51	356496	50.06	ug/l	93
4) Chloromethane	2.01	50	304009	47.18	ug/l	97
5) Vinyl Chloride	2.14	62	355116	49.41	ug/l	97
6) Bromomethane	2.54	94	142346	48.63	ug/l	99
7) Chloroethane	2.68	64	225973	49.45	ug/l	99
8) Trichlorofluoromethane	3.02	101	525402	50.34	ug/l	100
9) Diethyl Ether	3.42	74	235253	50.71	ug/l	87
10) 1,1,2-Trichlorotrifluoroet	3.79	101	328306	49.60	ug/l	95
11) Methyl Iodide	3.99	142	274411	53.26	ug/l	90
12) Tert butyl alcohol	4.80	59	219771	259.72	ug/l	96
13) 1,1-Dichloroethene	3.77	96	313232	50.63	ug/l	94
14) Acrolein	3.62	56	274453	250.18	ug/l	98
15) Allyl chloride	4.37	41	595465	49.34	ug/l #	81
16) Acrylonitrile	5.03	53	825312	268.61	ug/l	99
17) Acetone	3.82	43	669626	232.05	ug/l	98
18) Carbon Disulfide	4.11	76	879695	47.48	ug/l	99
19) Methyl Acetate	4.36	43	990205	55.32	ug/l	95
20) Methyl tert-butyl Ether	5.11	73	1256097	50.85	ug/l	98
21) Methylene Chloride	4.60	84	387244	50.40	ug/l	96
22) trans-1,2-Dichloroethene	5.12	96	338650	49.78	ug/l	96
23) Diisopropyl ether	6.03	45	1323563	50.43	ug/l #	89
24) Vinyl Acetate	5.97	43	2236391	253.73	ug/l	98
25) 1,1-Dichloroethane	5.93	63	767139	50.16	ug/l	99
26) 2-Butanone	6.91	43	1001543	265.03	ug/l	97
27) 2,2-Dichloropropane	6.92	77	646482	49.06	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	408330	50.80	ug/l	97
29) Bromochloromethane	7.29	49	298305	49.71	ug/l	95
30) Tetrahydrofuran	7.31	42	633076	264.28	ug/l #	88
31) Chloroform	7.46	83	739516	51.48	ug/l	99
32) Cyclohexane	7.77	56	690041	50.72	ug/l	91
33) 1,1,1-Trichloroethane	7.67	97	642242	50.46	ug/l	96
37) 1,1-Dichloropropene	7.89	75	549952	49.54	ug/l	97
38) Ethyl Acetate	7.02	43	455814	53.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	506875	48.52	ug/l	99
40) Methylcyclohexane	9.19	83	641600	48.66	ug/l	97
41) Benzene	8.14	78	1591340	49.39	ug/l	99
42) Methacrylonitrile	7.24	41	254929	50.38	ug/l #	88
43) 1,2-Dichloroethane	8.22	62	647188	49.27	ug/l	95
44) Isopropyl Acetate	8.25	43	833154	50.85	ug/l	97
45) Trichloroethene	8.93	130	319627	49.52	ug/l	91
46) 1,2-Dichloropropane	9.22	63	449005	49.79	ug/l	99
47) Dibromomethane	9.31	93	274707	50.76	ug/l	91
48) Bromodichloromethane	9.50	83	571818	49.82	ug/l	98
49) Methyl methacrylate	9.29	41	405084	52.54	ug/l #	86
50) 1,4-Dioxane	9.30	88	96316	1034.91	ug/l	94
52) 4-Methyl-2-Pentanone	10.07	43	2166725	257.12	ug/l	98
53) Toluene	10.26	92	946438	49.66	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	613916	50.10	ug/l	97
55) cis-1,3-Dichloropropene	9.93	75	665755	49.46	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	365021	51.36	ug/l	98
57) Ethyl methacrylate	10.52	69	580606	51.47	ug/l #	89
58) 1,3-Dichloropropane	10.81	76	661516	50.50	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1336448	267.34	ug/l	98
60) 2-Hexanone	10.84	43	1471844	257.00	ug/l	100
61) Dibromochloromethane	11.00	129	349045	50.14	ug/l	100
62) 1,2-Dibromoethane	11.11	107	343020	50.75	ug/l	99
65) Tetrachloroethene	10.74	164	256491	49.16	ug/l	97
66) Chlorobenzene	11.54	112	937029	49.86	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	317172	50.29	ug/l	99
68) Ethyl Benzene	11.62	91	1786319	50.39	ug/l	100
69) m/p-Xylenes	11.73	106	1246879	101.45	ug/l	90
70) o-Xylene	12.06	106	622992	50.16	ug/l	90
71) Styrene	12.08	104	1020223	51.60	ug/l	94
72) Bromoform	12.24	173	210924	49.85	ug/l #	99
74) Isopropylbenzene	12.36	105	1697647	49.43	ug/l	98
75) N-amyl acetate	12.17	43	717774	52.68	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	470835	48.71	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	658069	76.46	ug/l	54
78) Bromobenzene	12.64	156	329891	49.09	ug/l	93
79) n-propylbenzene	12.71	91	2024921	49.44	ug/l	98
80) 2-Chlorotoluene	12.79	91	1205343	48.14	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1355353	48.82	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	155848	46.43	ug/l	93
83) 4-Chlorotoluene	12.89	91	1205443	49.33	ug/l	95
84) tert-Butylbenzene	13.11	119	1114010	49.77	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1380166	49.99	ug/l	94
86) sec-Butylbenzene	13.29	105	1668475	50.04	ug/l	98
87) p-Isopropyltoluene	13.41	119	1257134	50.29	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	585053	50.46	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	571776	48.73	ug/l	95
90) n-Butylbenzene	13.74	91	1275671	51.10	ug/l	98
91) Hexachloroethane	14.01	117	256156	47.92	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	580611	50.12	ug/l	96

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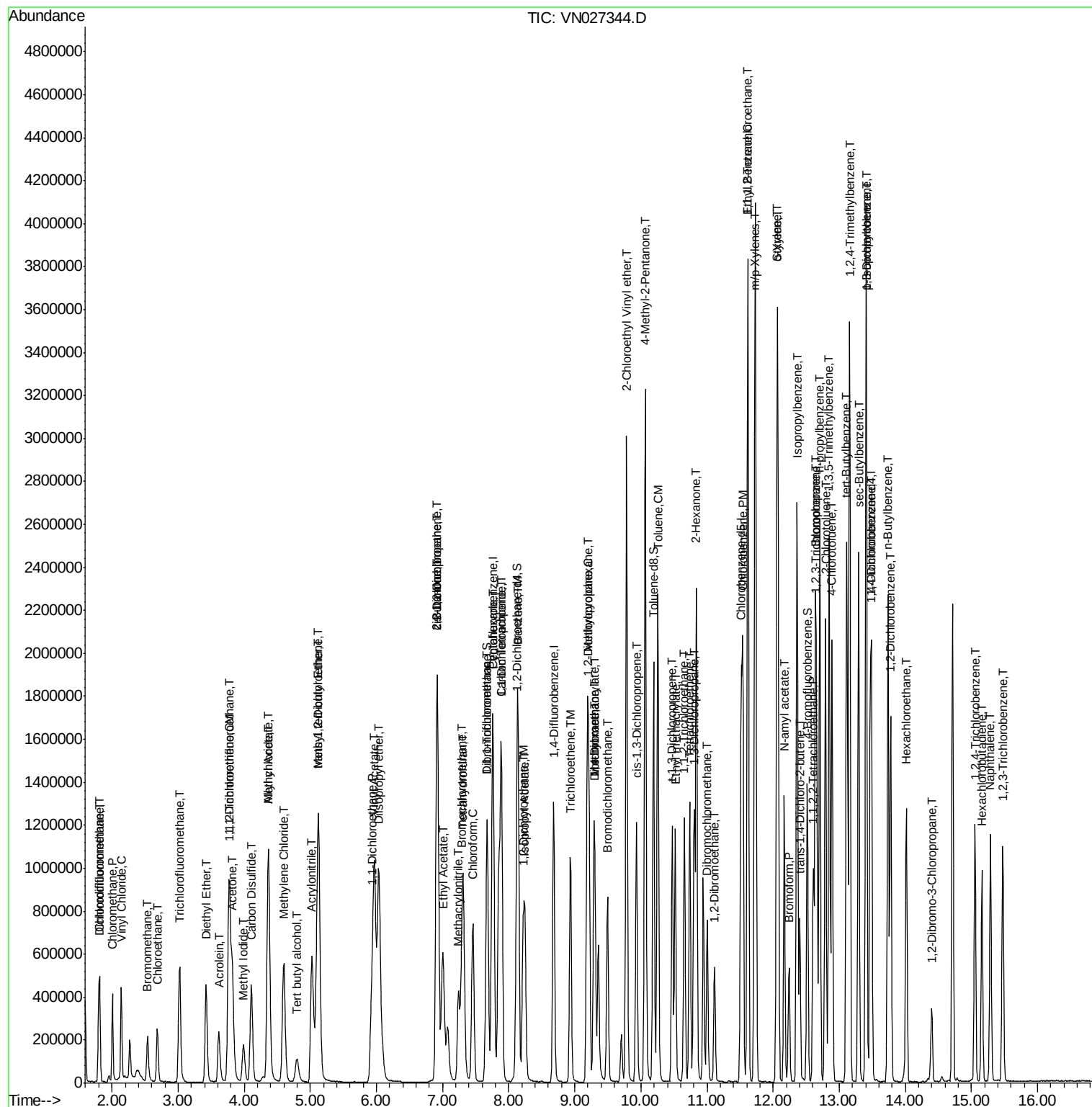
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	95865	50.60	ug/l	83
94) 1,2,4-Trichlorobenzene	15.05	180	318802	53.25	ug/l	98
95) Hexachlorobutadiene	15.16	225	156701	47.77	ug/l	98
96) Naphthalene	15.29	128	875173	47.89	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	314445	52.72	ug/l	96

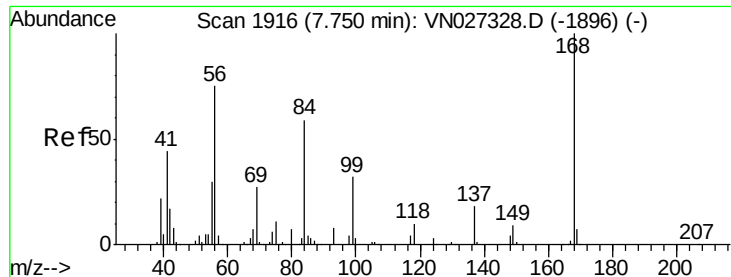
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

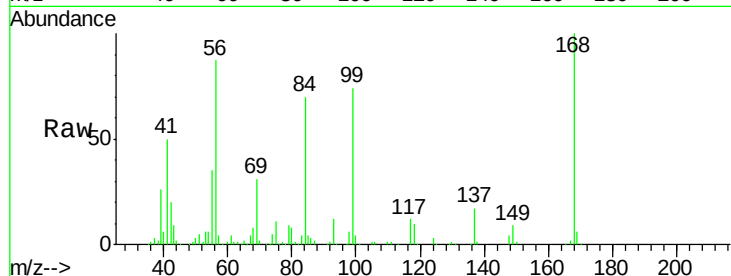
VSTDCCC050

Tgt Ion:168 Resp: 541844

Ion Ratio Lower Upper

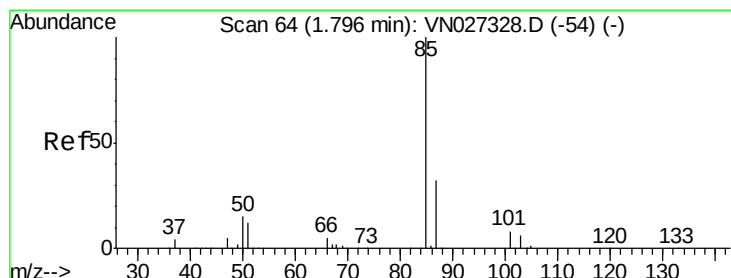
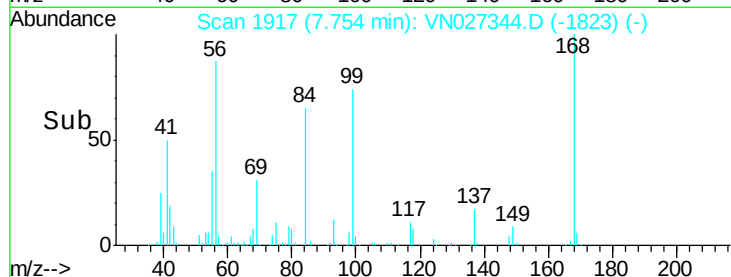
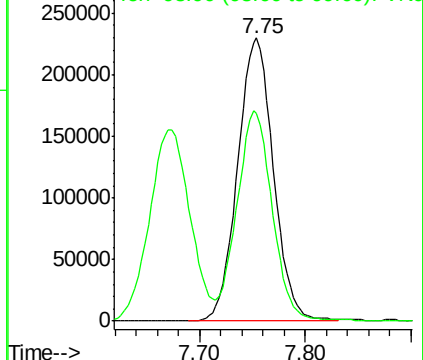
168 100

99 73.0 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.96 ug/l

RT: 1.80 min Scan# 64

Delta R.T. 0.00 min

Lab File: VN027344.D

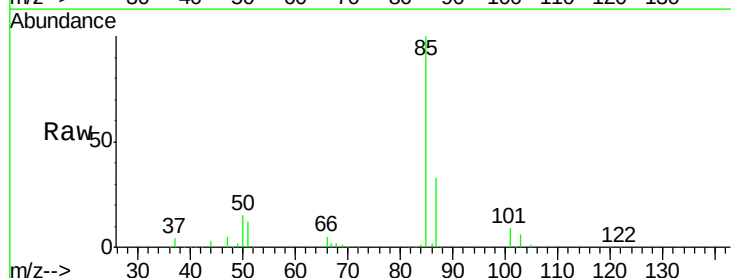
Acq: 21 Sep 2015 21:54

Tgt Ion: 85 Resp: 269746

Ion Ratio Lower Upper

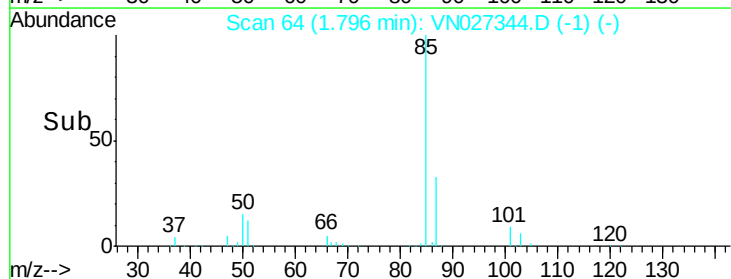
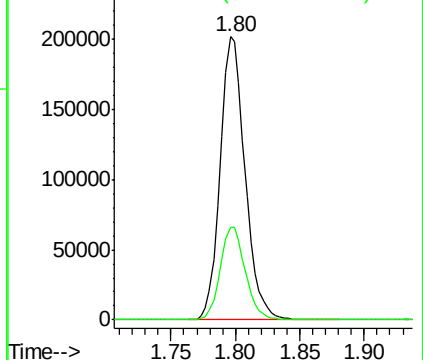
85 100

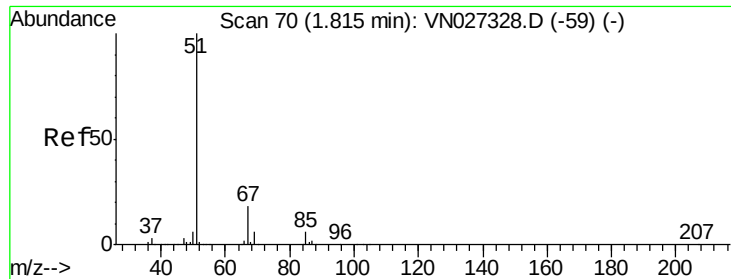
87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chlorodifluoromethane

Concen: 50.06 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

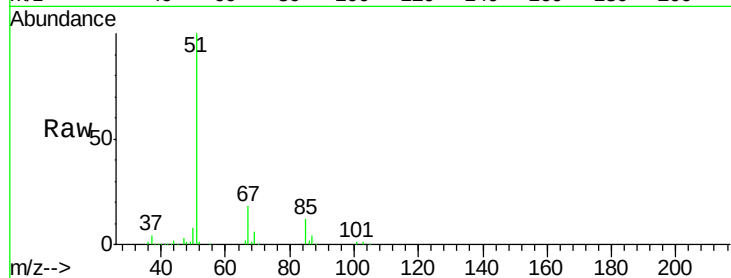
VSTDCCC050

Tgt Ion: 51 Resp: 356496

Ion Ratio Lower Upper

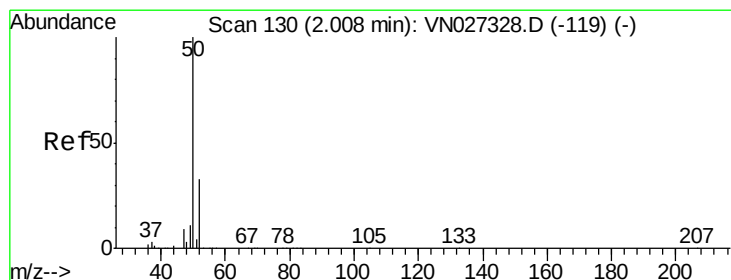
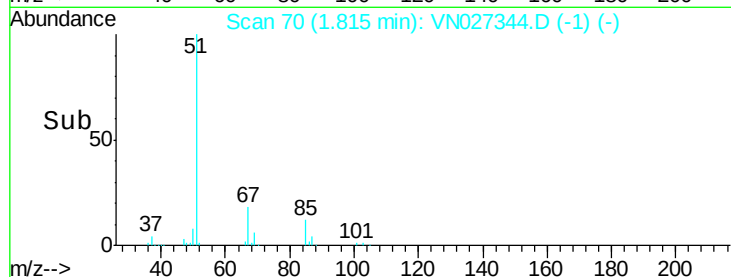
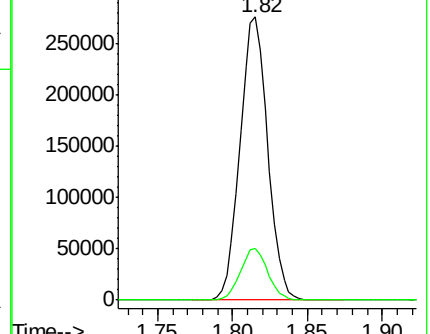
51 100

67 18.0 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 47.18 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027344.D

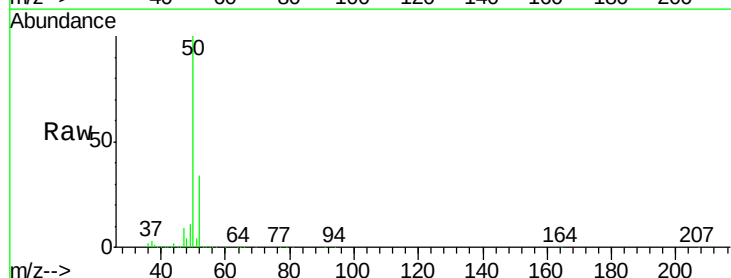
Acq: 21 Sep 2015 21:54

Tgt Ion: 50 Resp: 304009

Ion Ratio Lower Upper

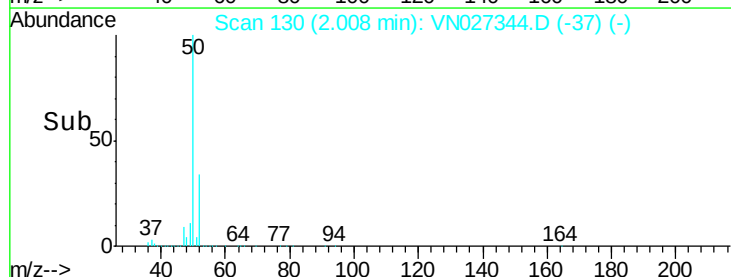
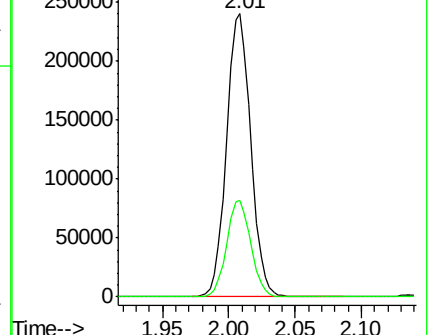
50 100

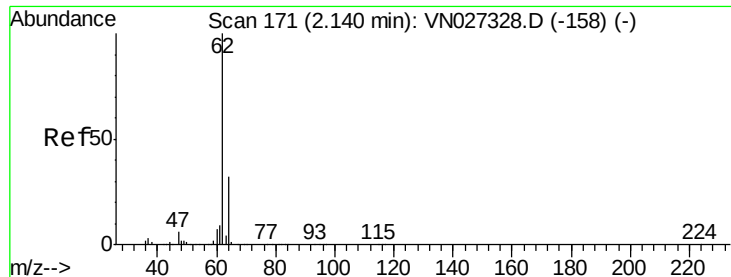
52 34.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 49.41 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

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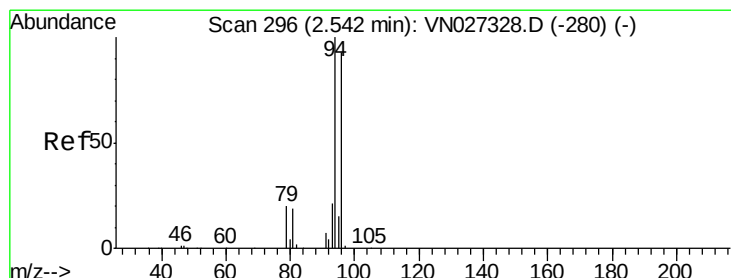
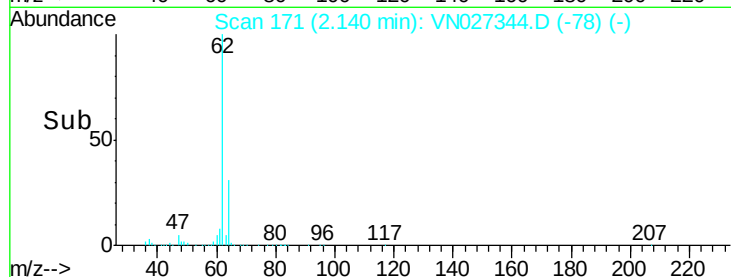
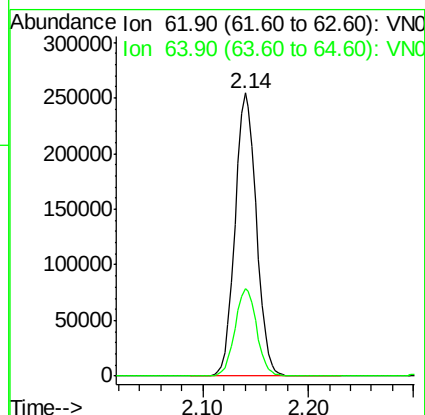
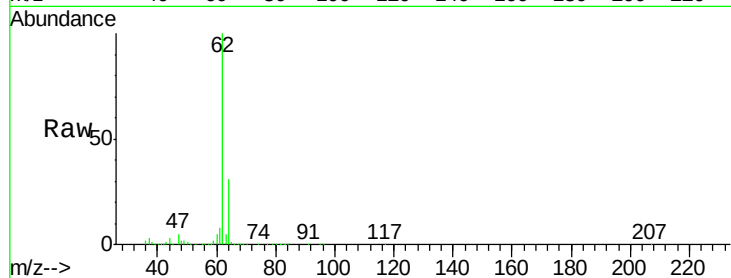
VSTDCCC050

Tgt Ion: 62 Resp: 355116

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9



#6

Bromomethane

Concen: 48.63 ug/l

RT: 2.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VN027344.D

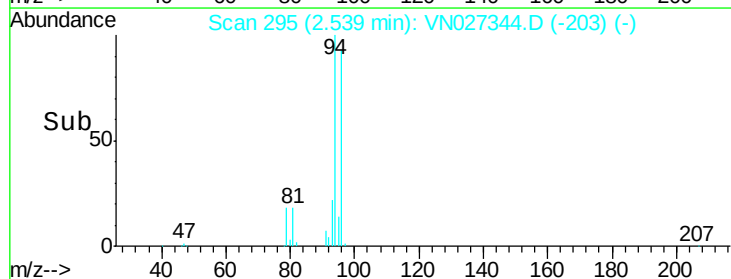
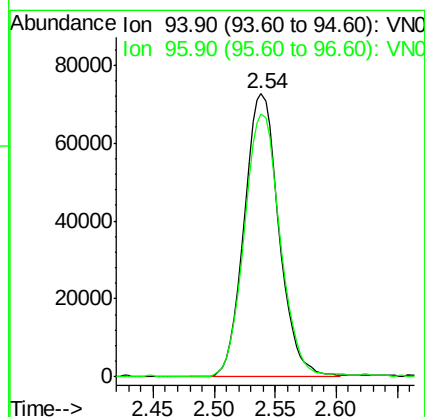
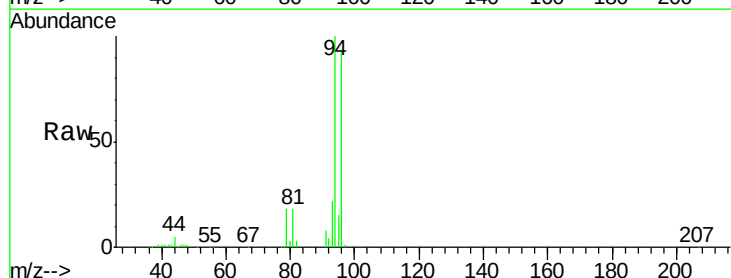
Acq: 21 Sep 2015 21:54

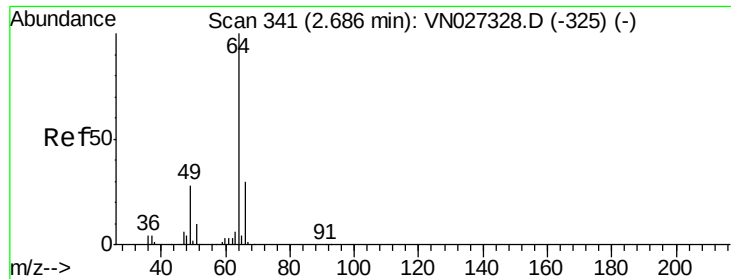
Tgt Ion: 94 Resp: 142346

Ion Ratio Lower Upper

94 100

96 93.1 73.4 110.2





#7

Chloroethane

Concen: 49.45 ug/l

RT: 2.68 min Scan# 340

Delta R.T. -0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

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ClientSampleId :

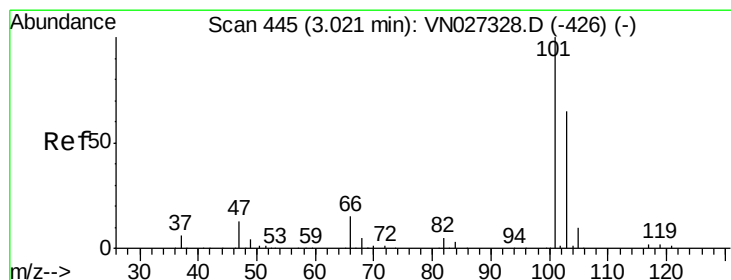
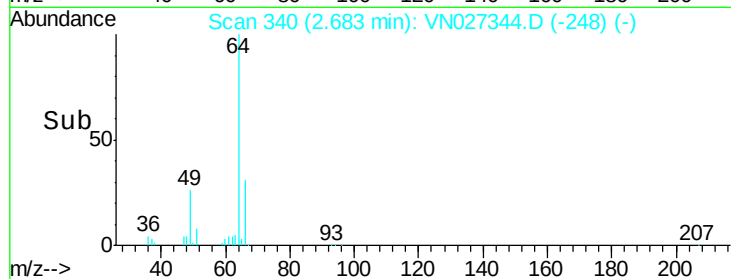
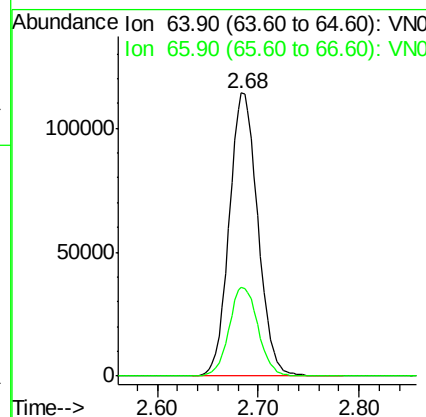
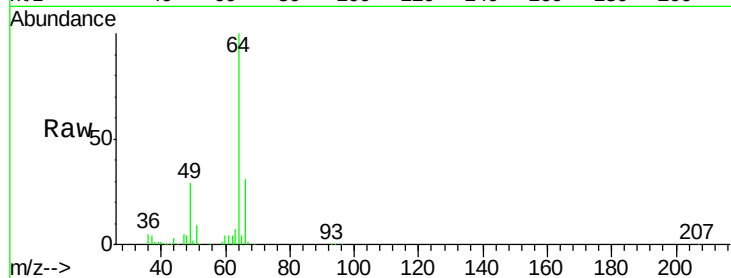
VSTDCCC050

Tgt Ion: 64 Resp: 225973

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



#8

Trichlorofluoromethane

Concen: 50.34 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027344.D

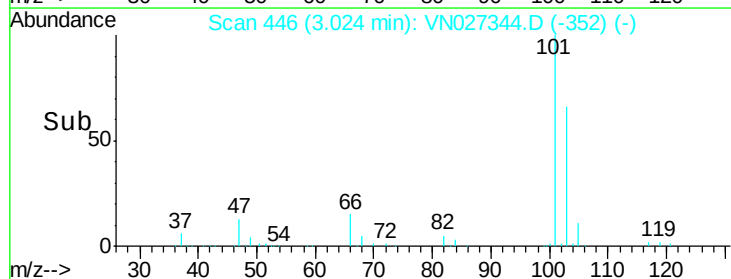
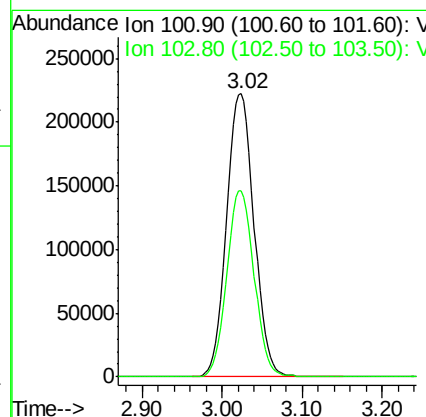
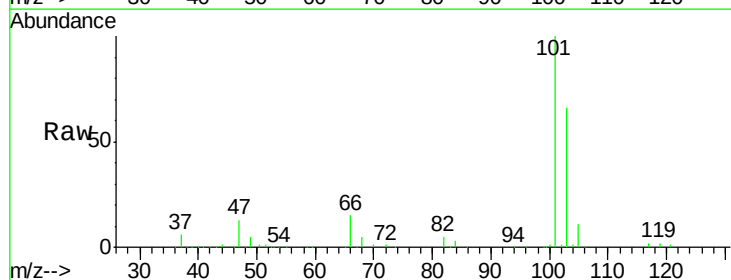
Acq: 21 Sep 2015 21:54

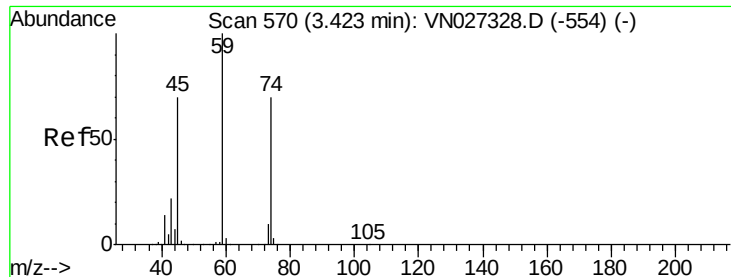
Tgt Ion: 101 Resp: 525402

Ion Ratio Lower Upper

101 100

103 65.5 52.6 79.0





#9

Diethyl Ether

Concen: 50.71 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

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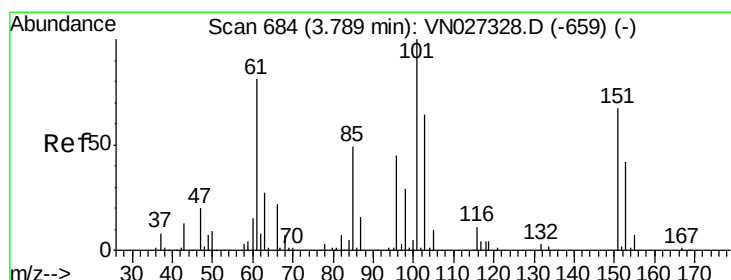
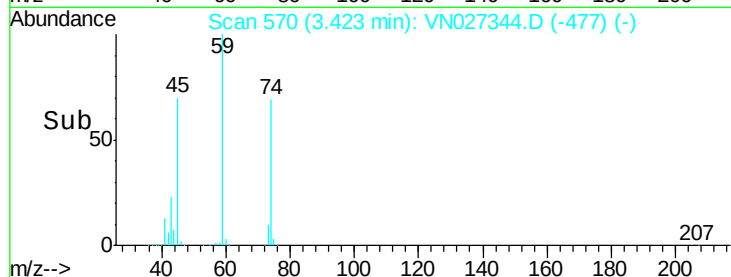
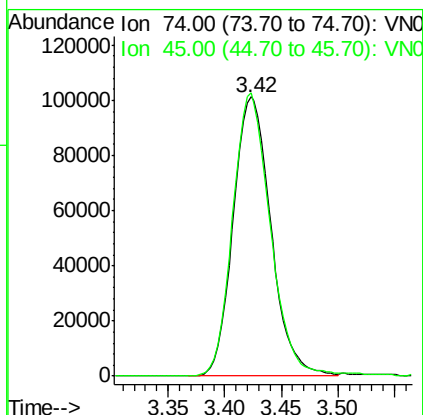
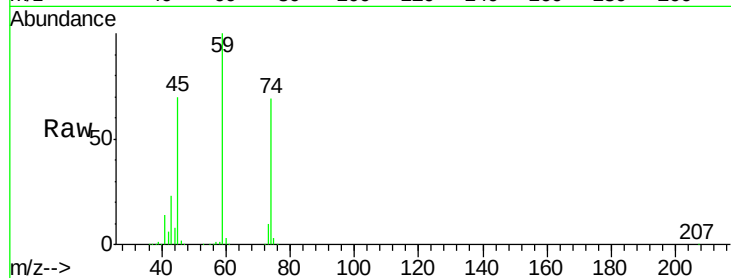
VSTDCCC050

Tgt Ion: 74 Resp: 235253

Ion Ratio Lower Upper

74 100

45 101.6 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 49.60 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

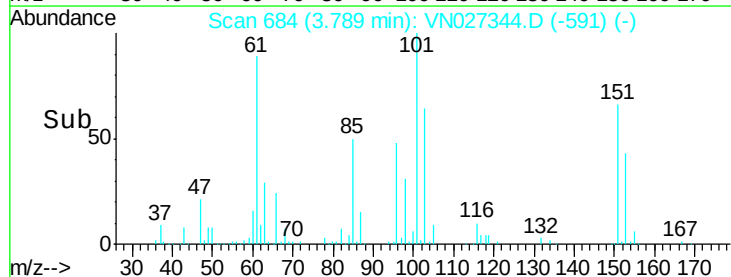
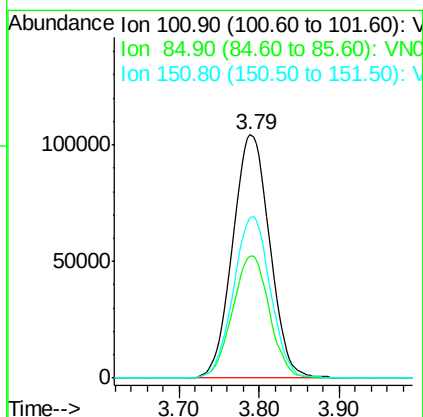
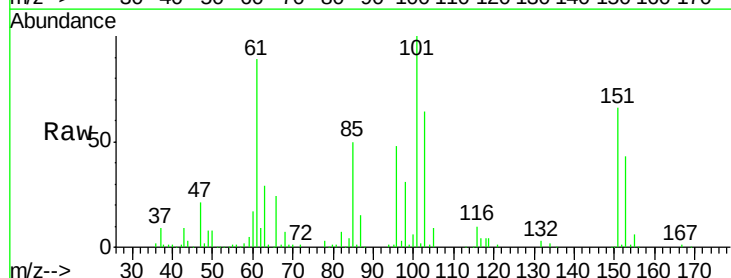
Tgt Ion: 101 Resp: 328306

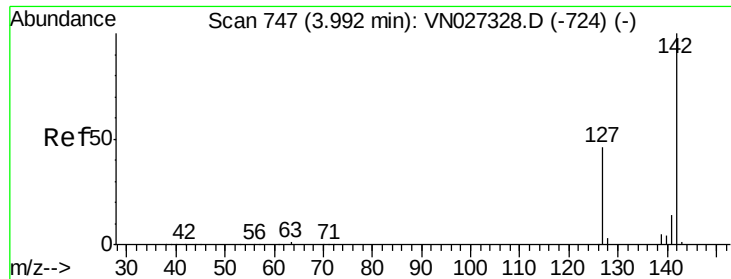
Ion Ratio Lower Upper

101 100

85 49.9 37.4 56.0

151 65.8 55.9 83.9

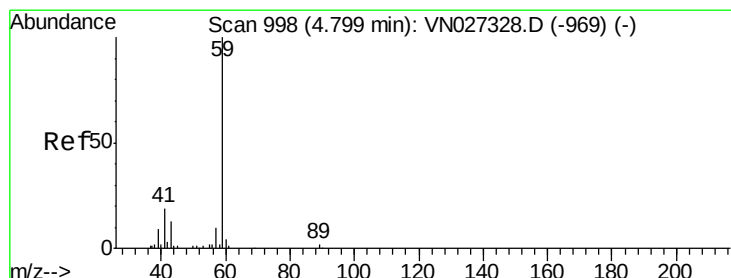
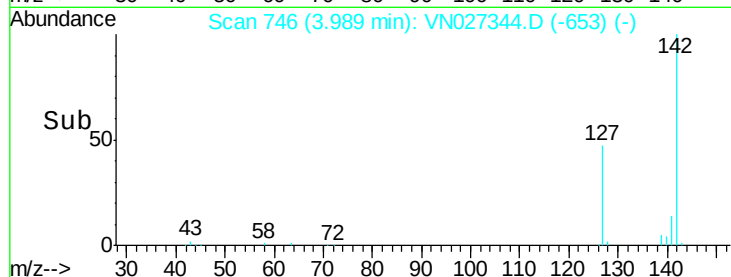
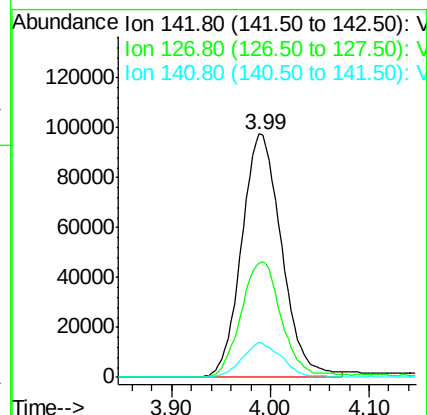
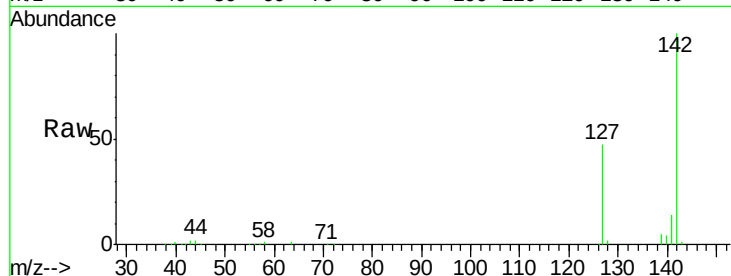




#11
Methyl Iodide
Concen: 53.26 ug/l
RT: 3.99 min Scan# 746
Delta R.T. -0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

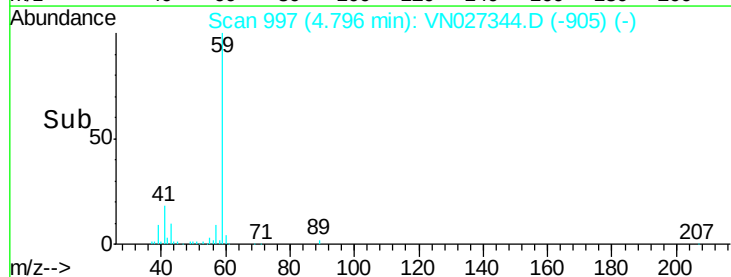
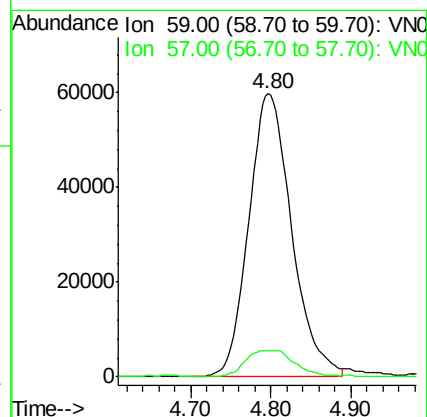
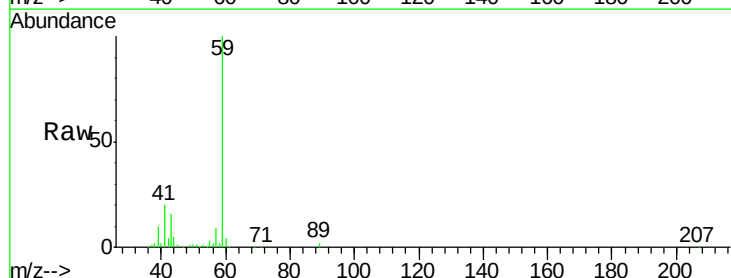
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

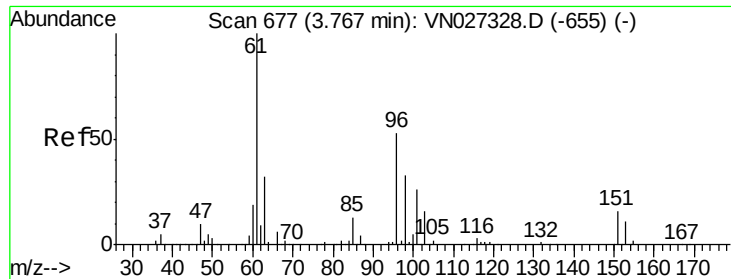
Tgt Ion: 142 Resp: 274411
Ion Ratio Lower Upper
142 100
127 48.4 32.3 48.5
141 13.9 11.2 16.8



#12
Tert butyl alcohol
Concen: 259.72 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Tgt Ion: 59 Resp: 219771
Ion Ratio Lower Upper
59 100
57 10.8 7.6 11.4

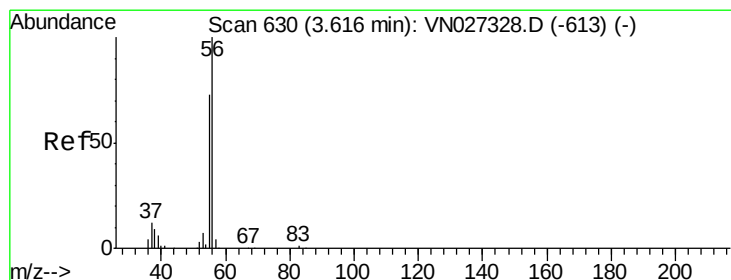
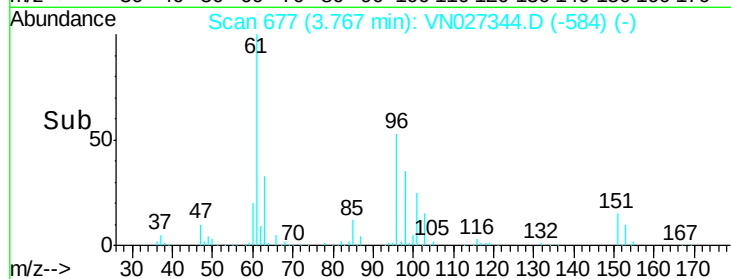
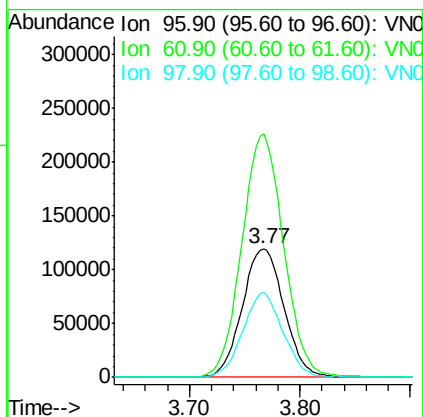
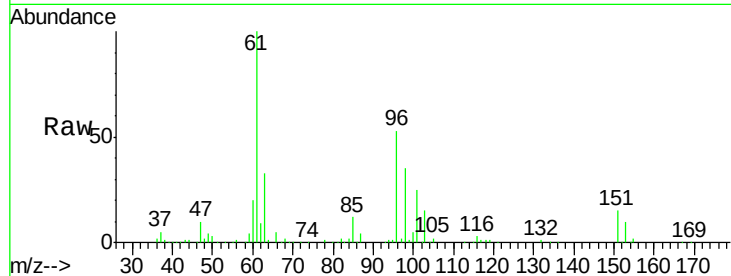




#13
 1,1-Dichloroethene
 Concen: 50.63 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

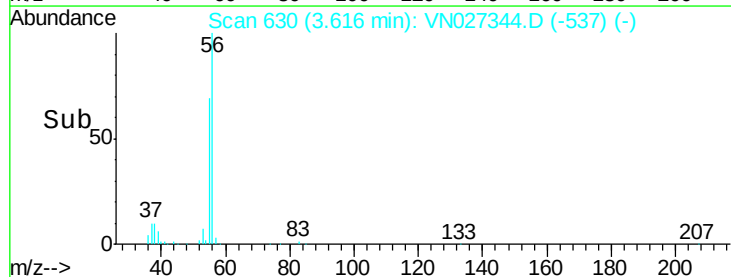
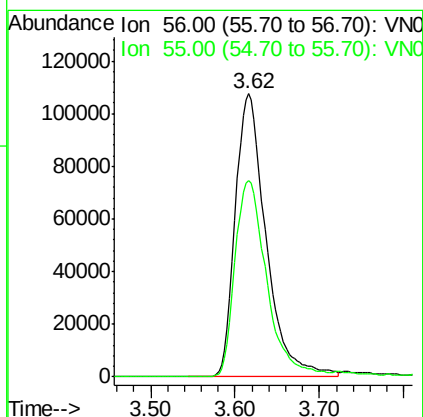
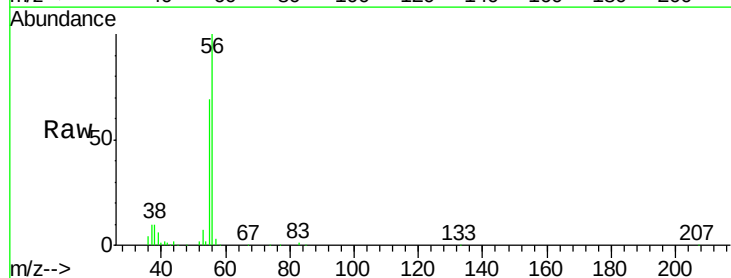
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

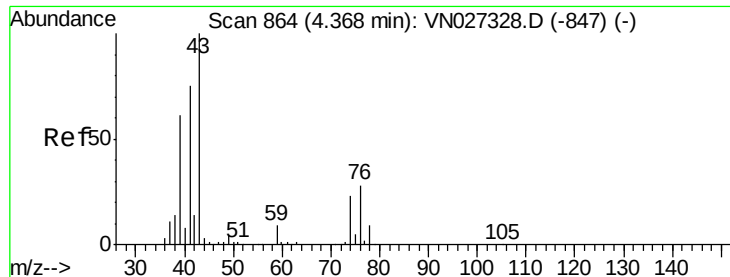
Tgt Ion: 96 Resp: 313232
 Ion Ratio Lower Upper
 96 100
 61 188.9 143.8 215.8
 98 65.9 50.3 75.5



#14
 Acrolein
 Concen: 250.18 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 56 Resp: 274453
 Ion Ratio Lower Upper
 56 100
 55 71.3 55.7 83.5

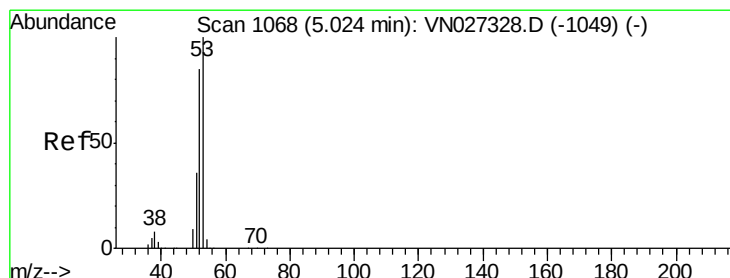
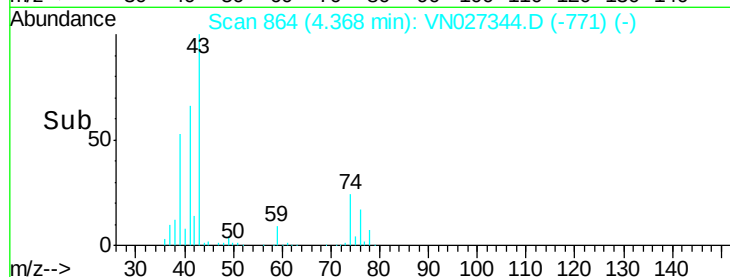
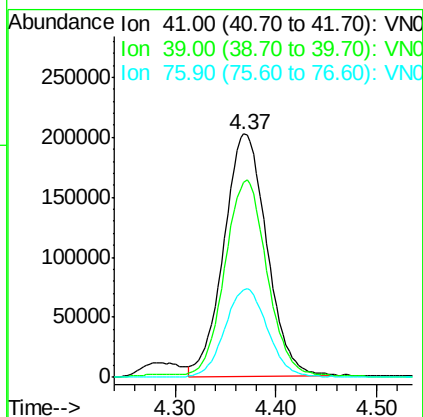
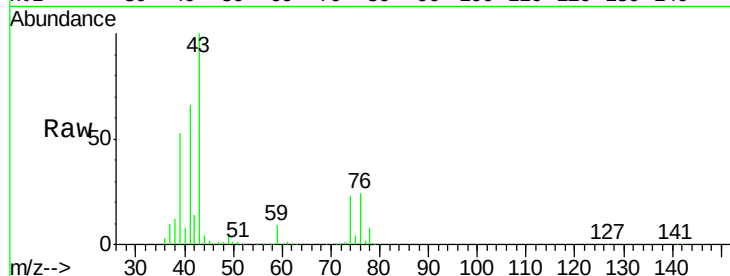




#15
 Allyl chloride
 Concen: 49.34 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

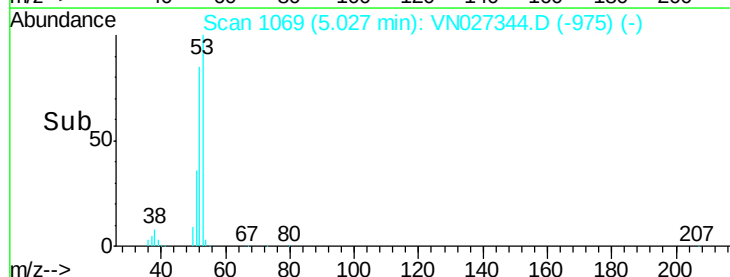
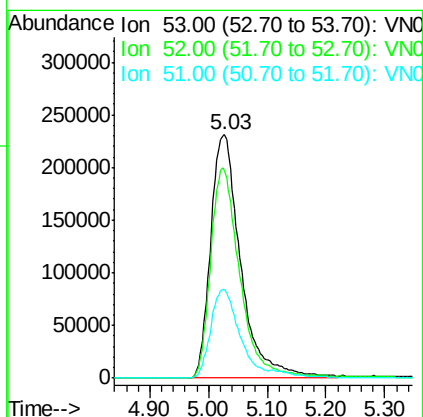
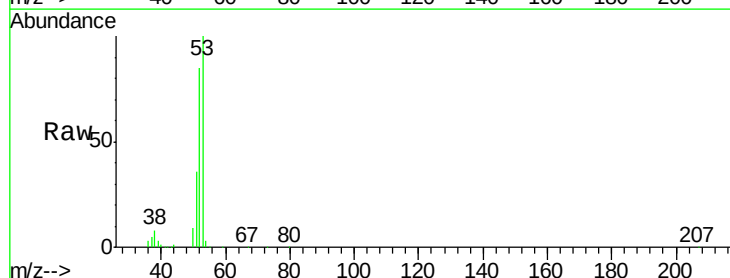
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

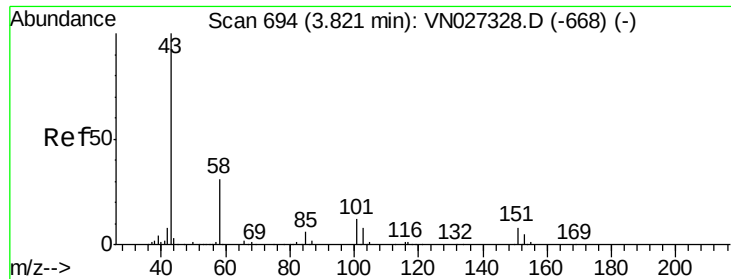
Tgt Ion: 41 Resp: 595465
 Ion Ratio Lower Upper
 41 100
 39 81.0 49.7 74.5#
 76 36.2 24.8 37.2



#16
 Acrylonitrile
 Concen: 268.61 ug/l
 RT: 5.03 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 53 Resp: 825312
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.9 100.3
 51 34.6 27.4 41.0





#17

Acetone

Concen: 232.05 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampled :

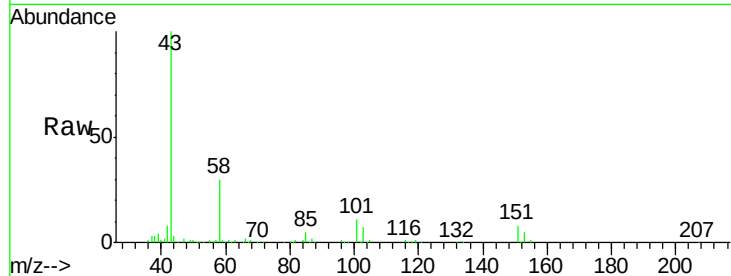
VSTDCCC050

Tgt Ion: 43 Resp: 669626

Ion Ratio Lower Upper

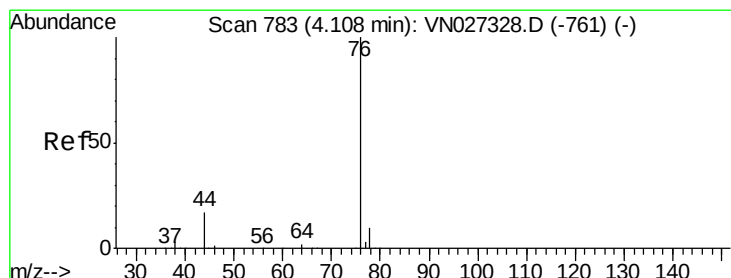
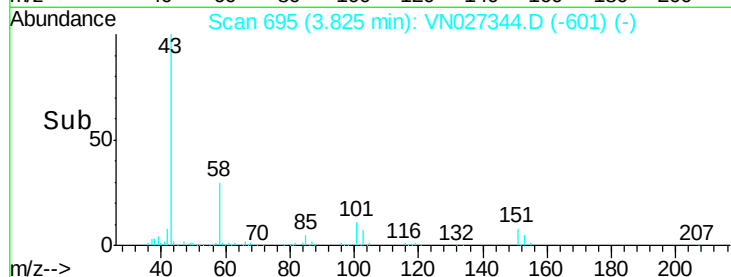
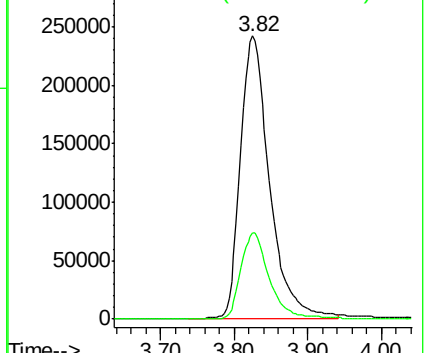
43 100

58 30.4 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: 47.48 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027344.D

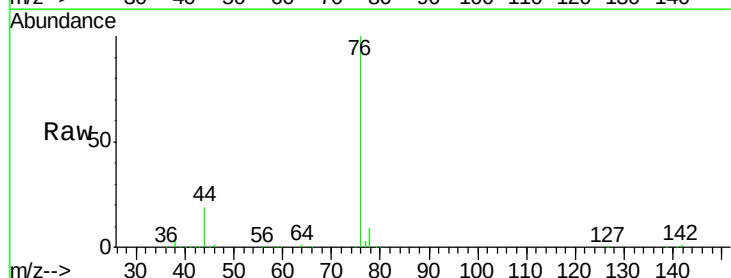
Acq: 21 Sep 2015 21:54

Tgt Ion: 76 Resp: 879695

Ion Ratio Lower Upper

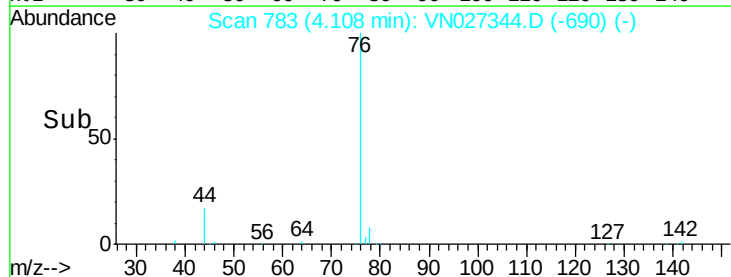
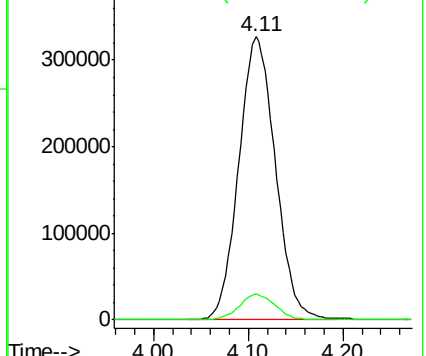
76 100

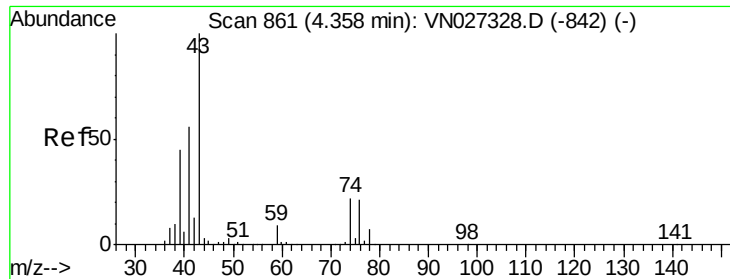
78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

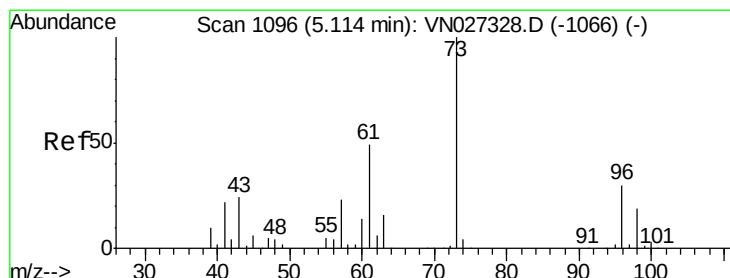
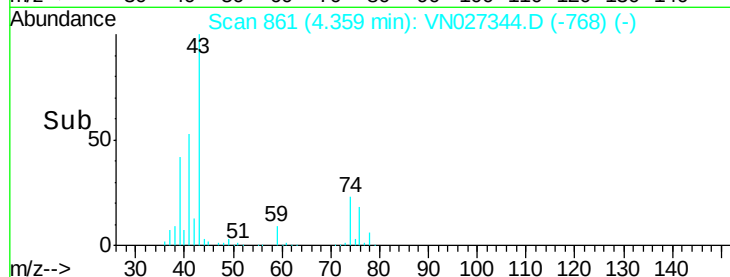
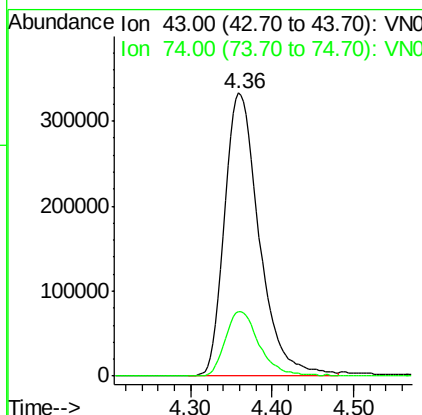
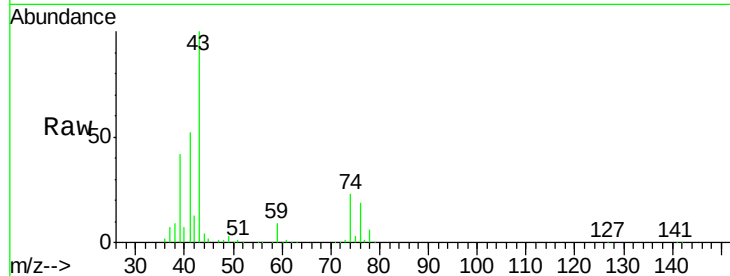




#19
Methyl Acetate
Concen: 55.32 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

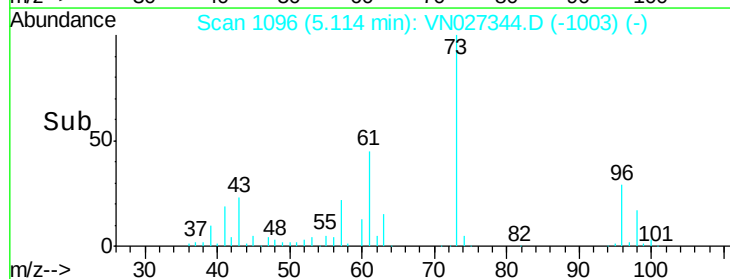
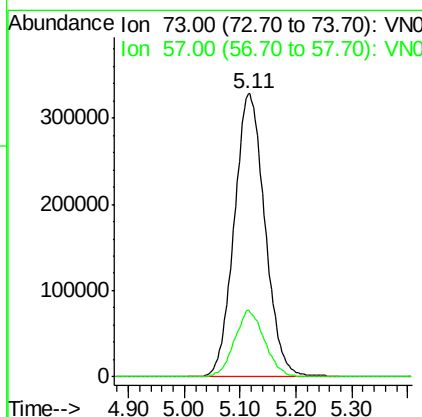
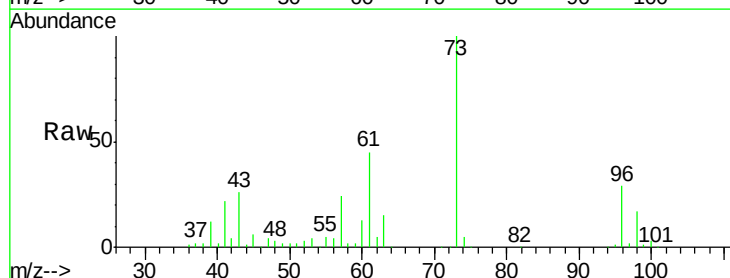
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

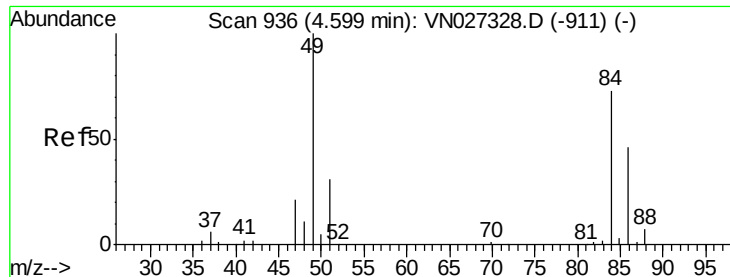
Tgt Ion: 43 Resp: 990205
Ion Ratio Lower Upper
43 100
74 22.6 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 50.85 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Tgt Ion: 73 Resp: 1256097
Ion Ratio Lower Upper
73 100
57 23.6 19.8 29.6

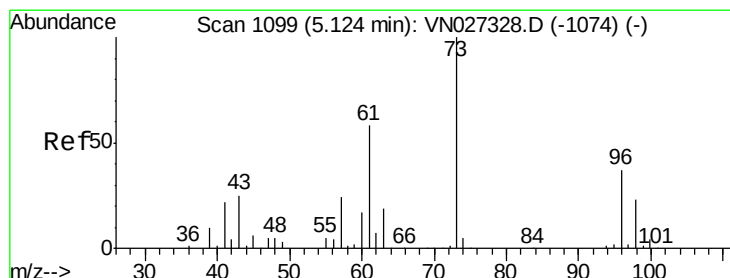
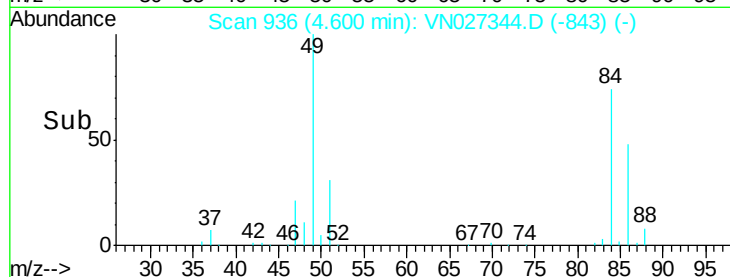
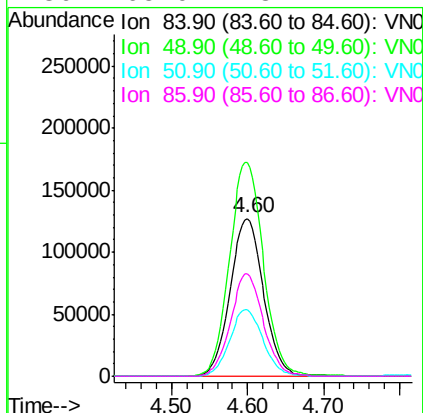
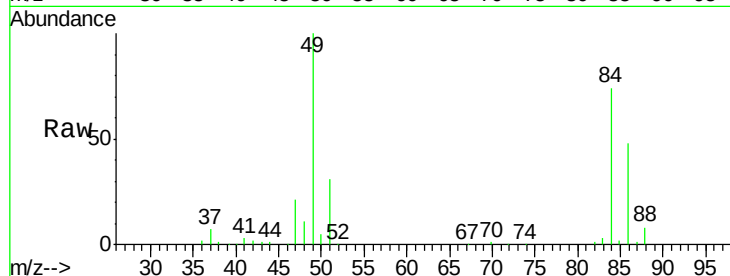




#21
Methylene Chloride
Concen: 50.40 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

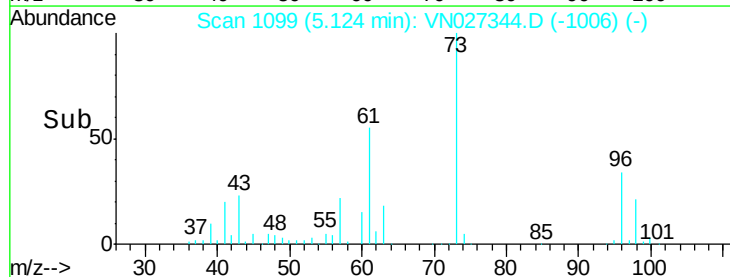
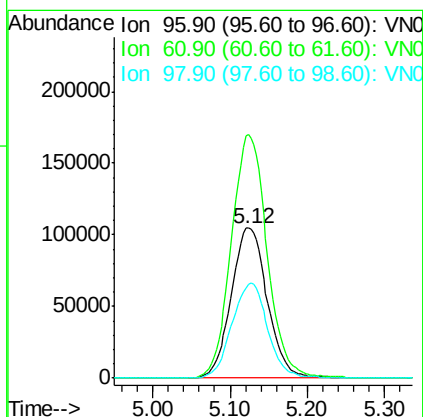
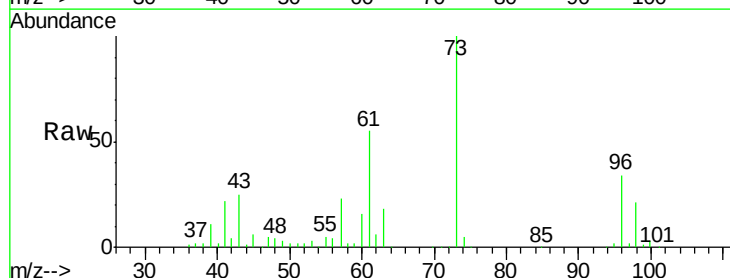
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

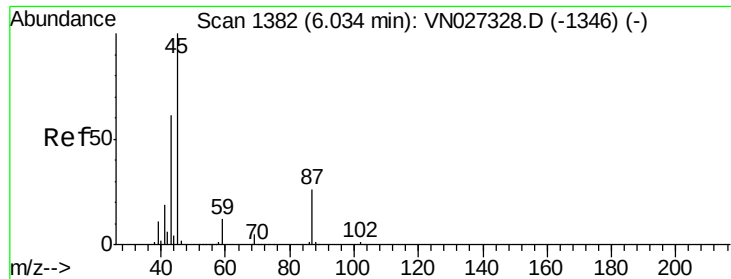
Tgt Ion: 84 Resp: 387244
Ion Ratio Lower Upper
84 100
49 135.2 112.3 168.5
51 42.0 33.8 50.8
86 65.0 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 49.78 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Tgt Ion: 96 Resp: 338650
Ion Ratio Lower Upper
96 100
61 162.4 126.6 189.8
98 62.8 47.4 71.2

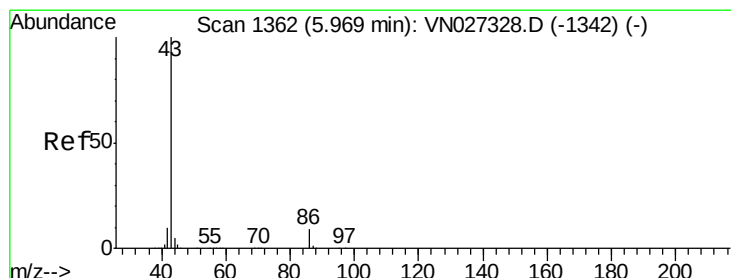
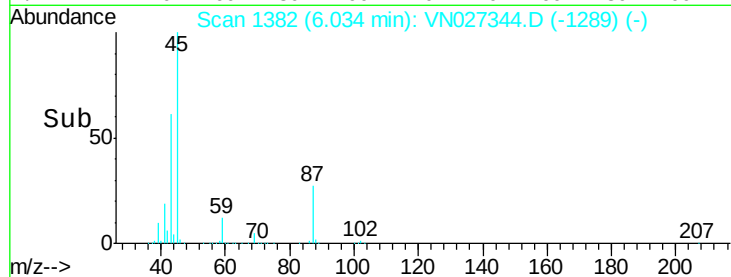
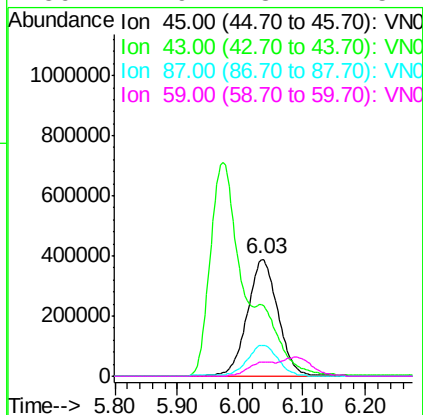
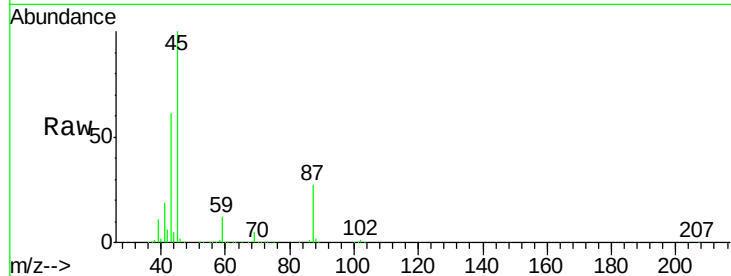




#23
 Diisopropyl ether
 Concen: 50.43 ug/l
 RT: 6.03 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

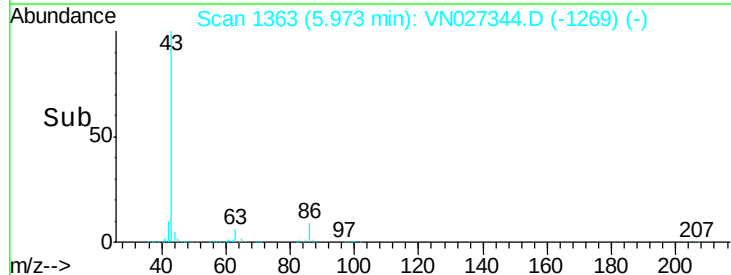
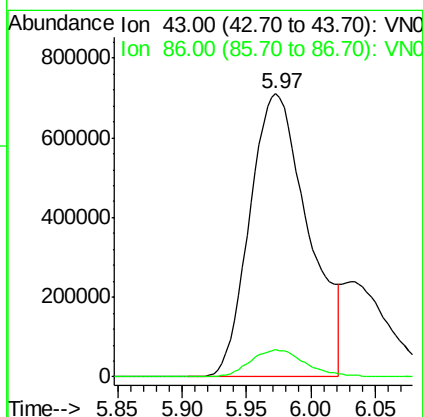
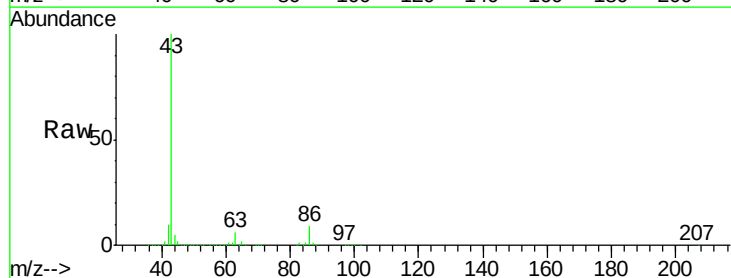
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

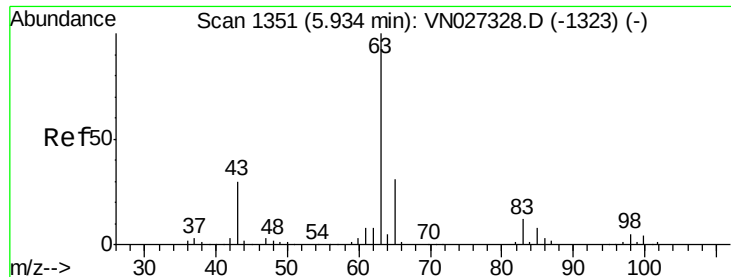
Tgt Ion: 45 Resp: 1323563
 Ion Ratio Lower Upper
 45 100
 43 60.8 41.0 61.6
 87 26.4 17.5 26.3#
 59 11.9 8.7 13.1



#24
 Vinyl Acetate
 Concen: 253.73 ug/l
 RT: 5.97 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 43 Resp: 2236391
 Ion Ratio Lower Upper
 43 100
 86 9.5 6.9 10.3

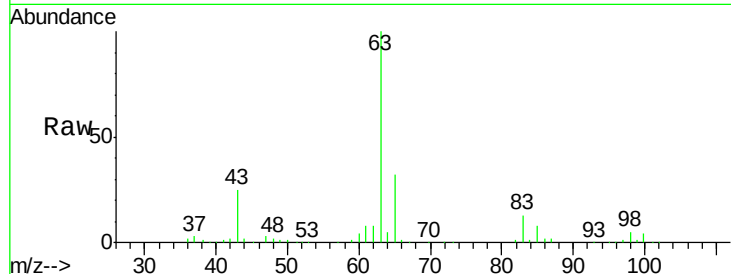




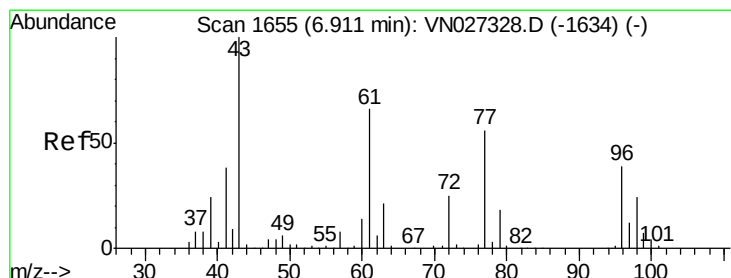
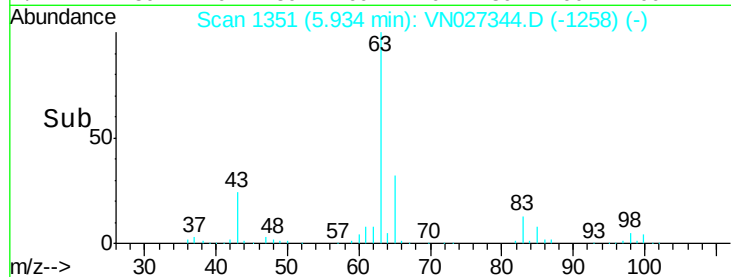
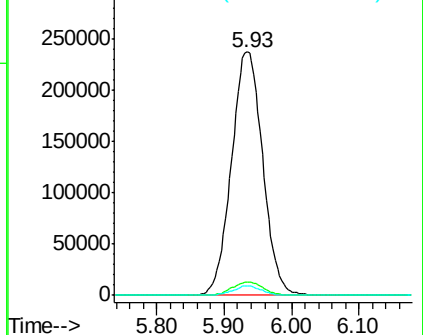
#25
 1,1-Dichloroethane
 Concen: 50.16 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 767139
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.8 8.3
 100 3.9 1.7 5.0

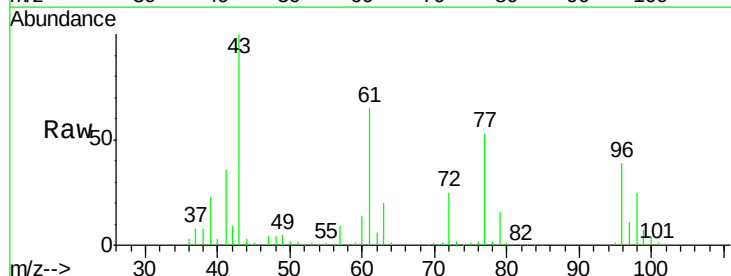


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

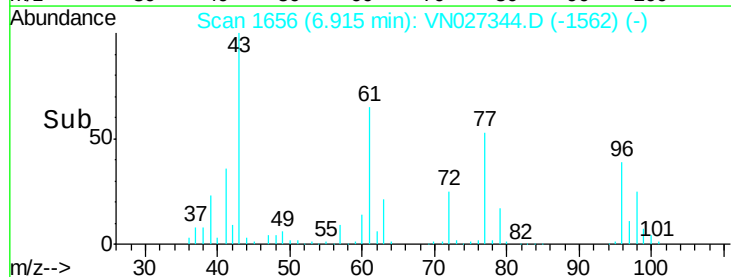
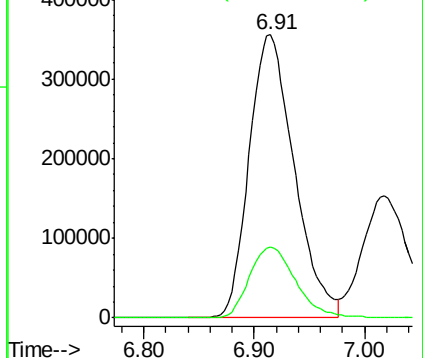


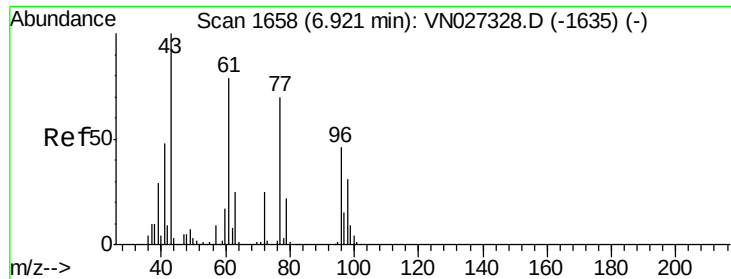
#26
 2-Butanone
 Concen: 265.03 ug/l
 RT: 6.91 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 43 Resp: 1001543
 Ion Ratio Lower Upper
 43 100
 72 25.1 18.8 28.2



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

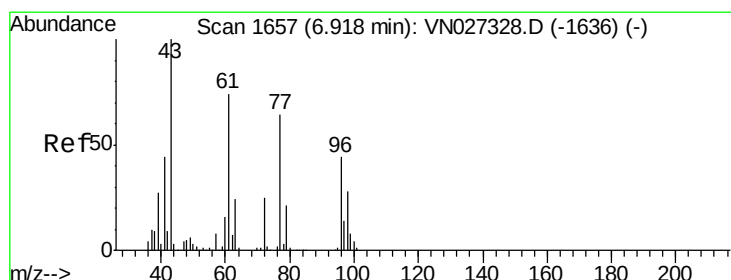
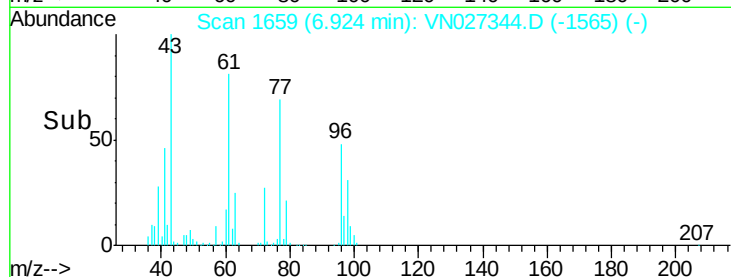
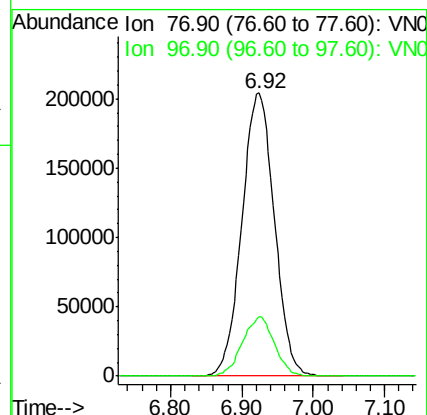
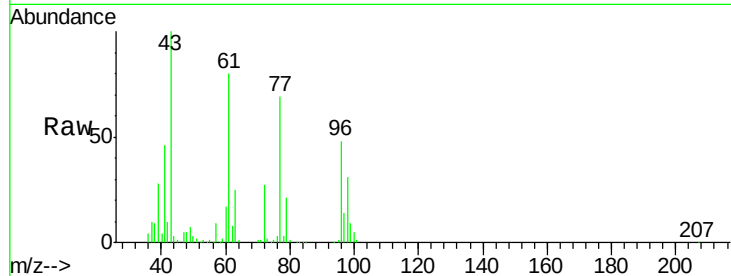




#27
 2,2-Dichloropropane
 Concen: 49.06 ug/l
 RT: 6.92 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

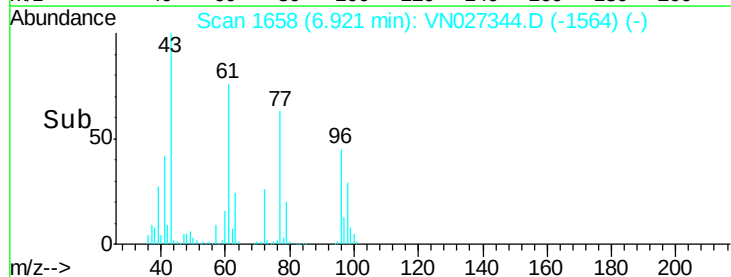
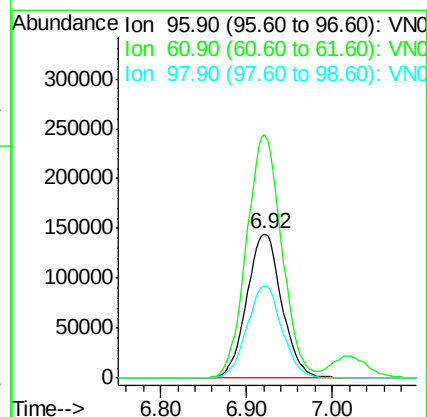
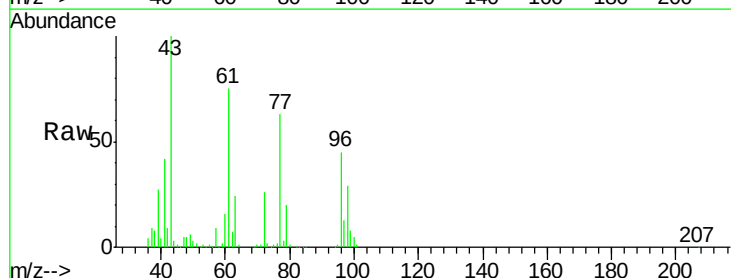
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

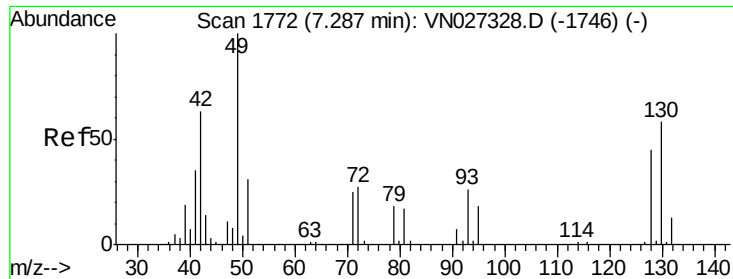
Tgt Ion: 77 Resp: 646482
 Ion Ratio Lower Upper
 77 100
 97 20.7 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 50.80 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 96 Resp: 408330
 Ion Ratio Lower Upper
 96 100
 61 169.8 0.0 329.2
 98 64.4 0.0 126.0





#29

Bromochloromethane

Concen: 49.71 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

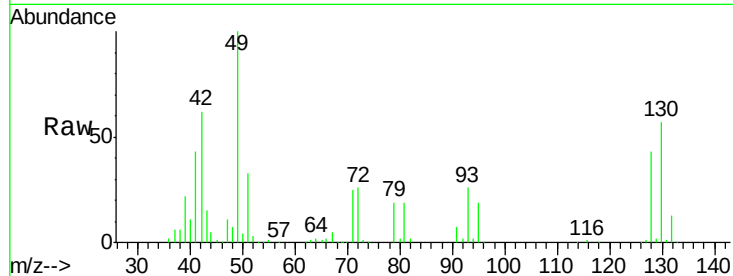
Tgt Ion: 49 Resp: 298305

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.2

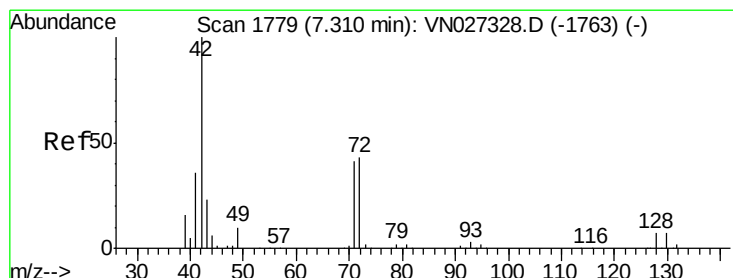
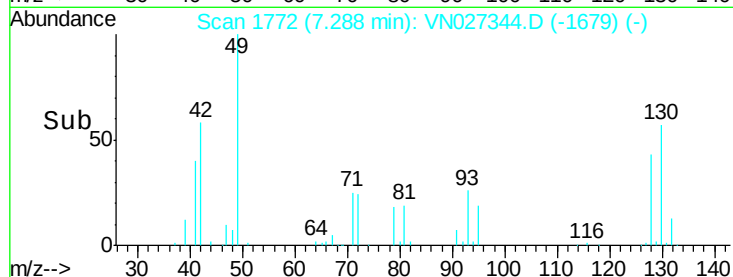
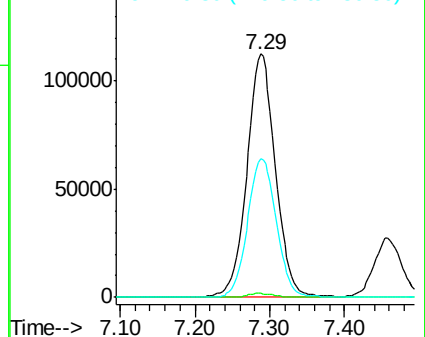
130 57.4 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Tetrahydrofuran

Concen: 264.28 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

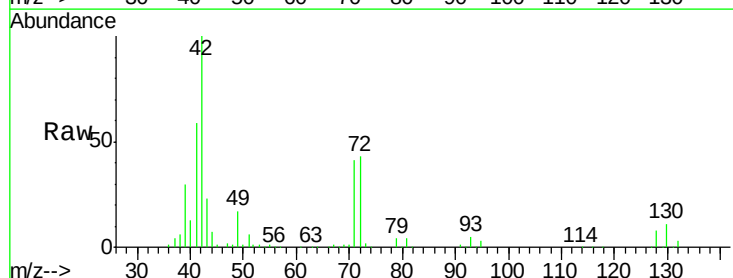
Tgt Ion: 42 Resp: 633076

Ion Ratio Lower Upper

42 100

72 44.8 29.9 44.9

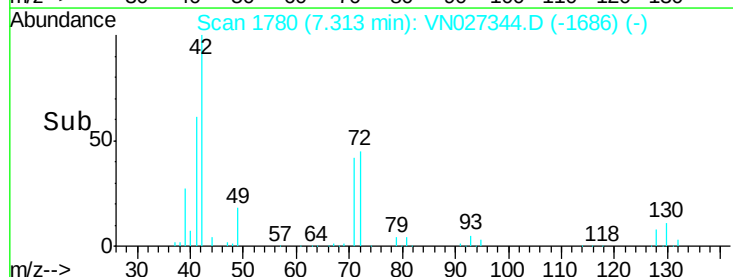
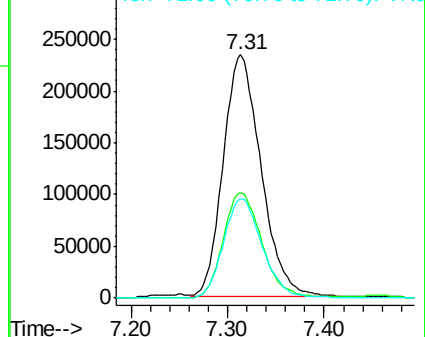
71 42.5 28.3 42.5#

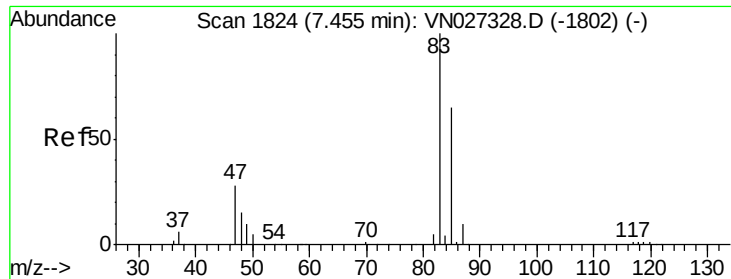


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

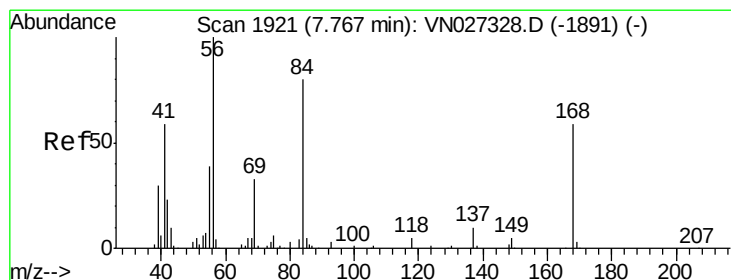
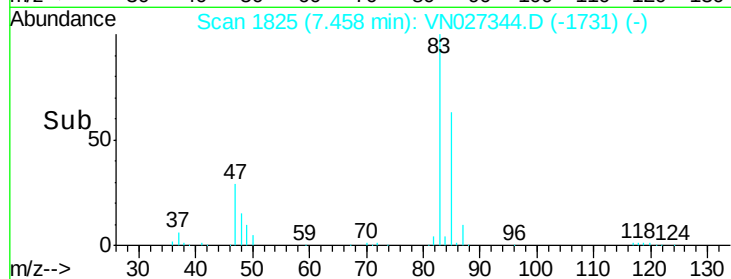
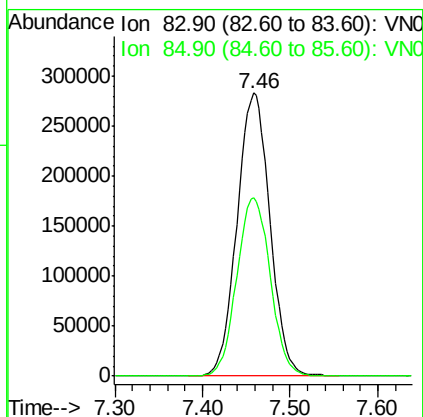
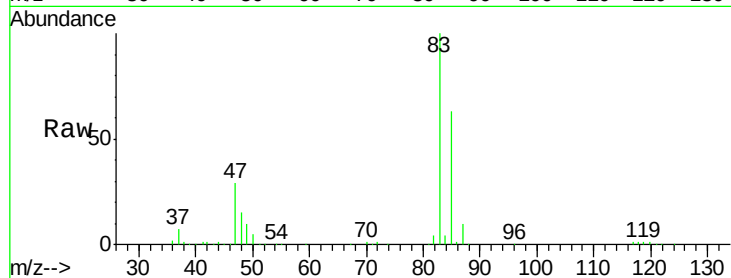




#31
Chloroform
Concen: 51.48 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

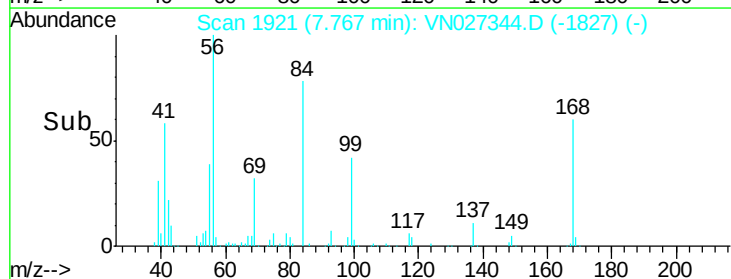
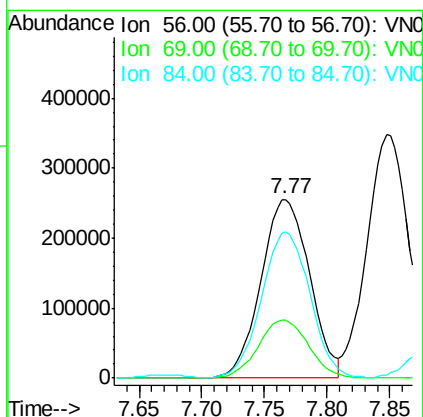
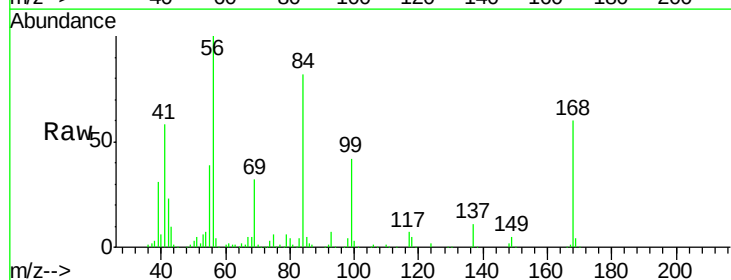
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

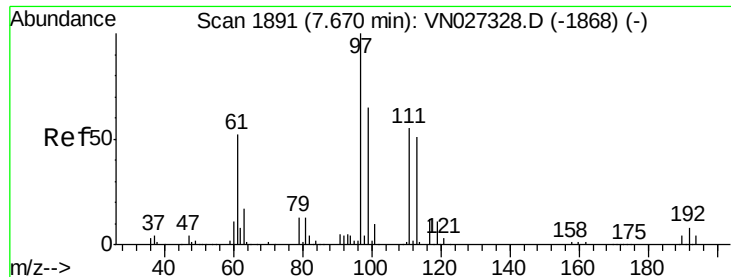
Tgt Ion: 83 Resp: 739516
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7



#32
Cyclohexane
Concen: 50.72 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Tgt Ion: 56 Resp: 690041
Ion Ratio Lower Upper
56 100
69 32.2 23.0 34.4
84 81.1 57.8 86.8

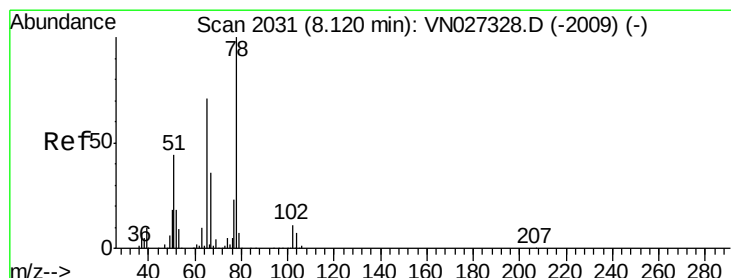
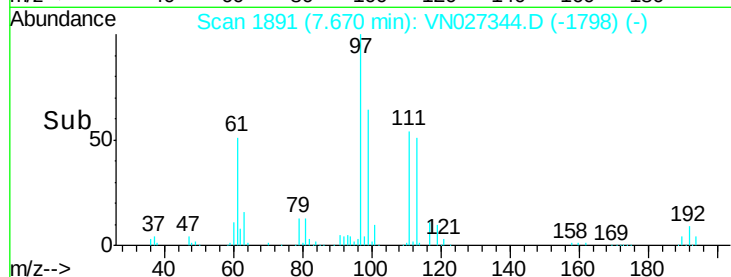
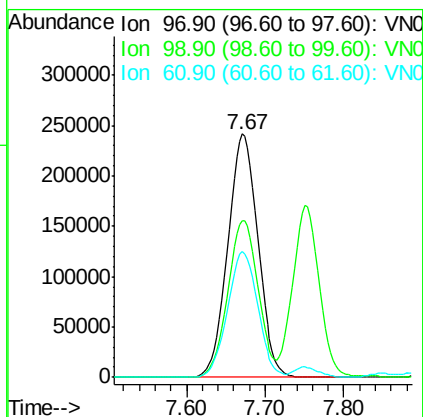
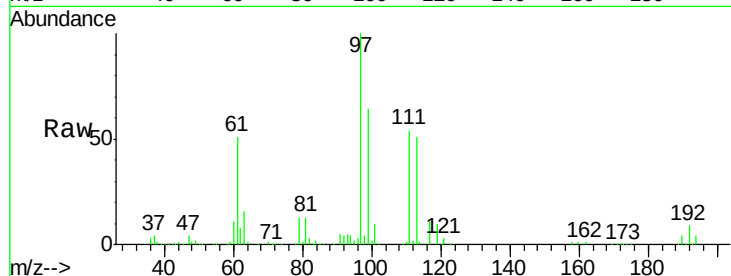




#33
 1,1,1-Trichloroethane
 Concen: 50.46 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

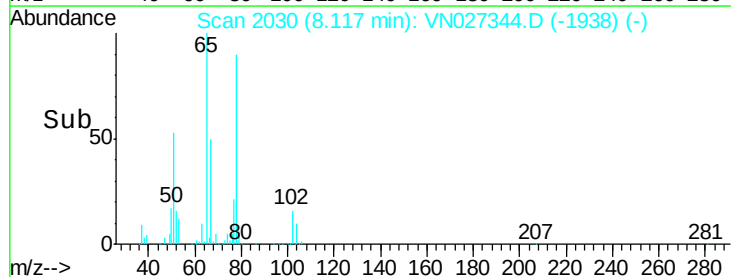
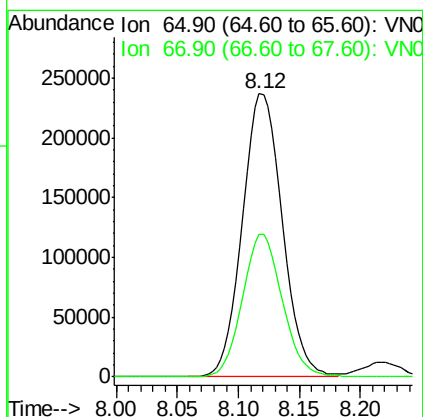
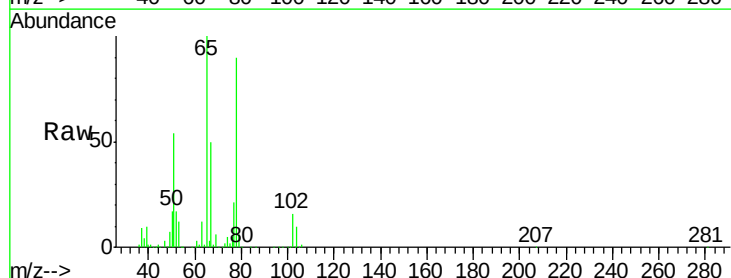
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

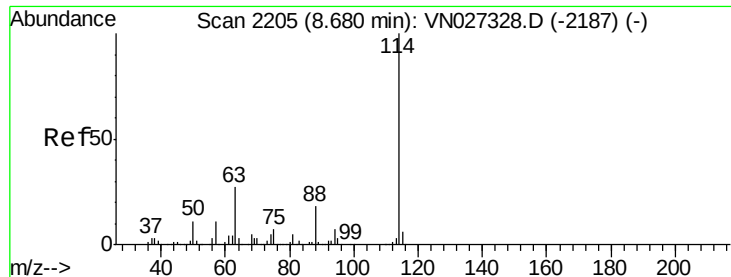
Tgt Ion: 97 Resp: 642242
 Ion Ratio Lower Upper
 97 100
 99 65.0 50.1 75.1
 61 51.8 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 50.67 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 65 Resp: 537456
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 110.6

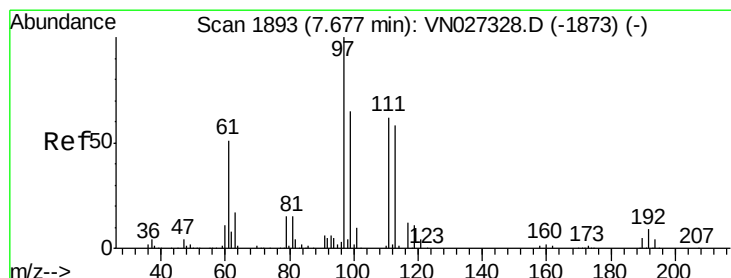
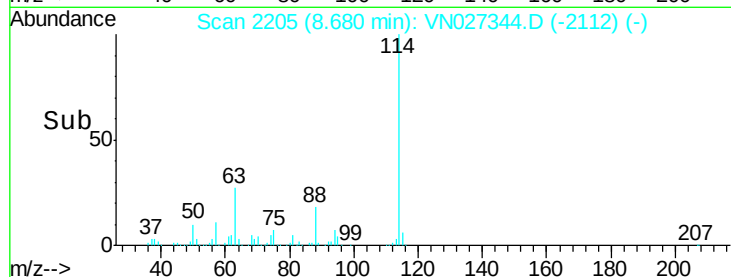
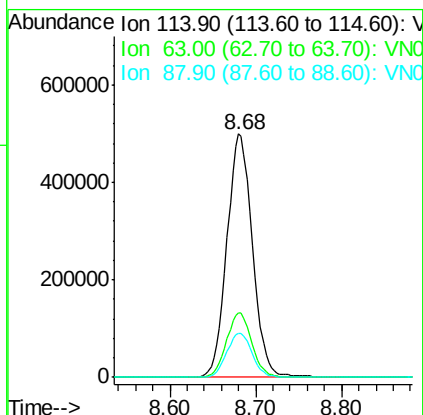
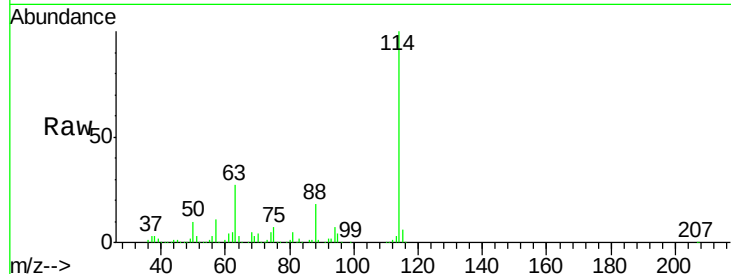




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

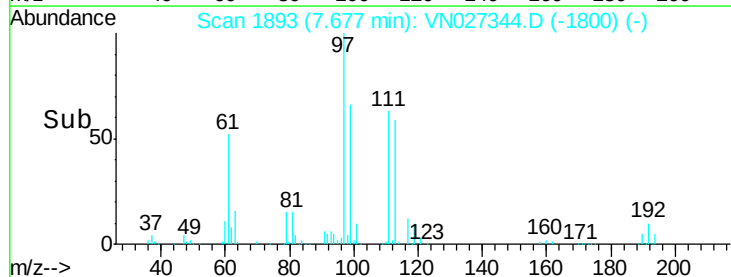
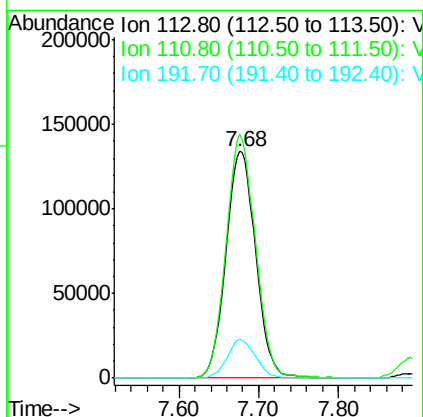
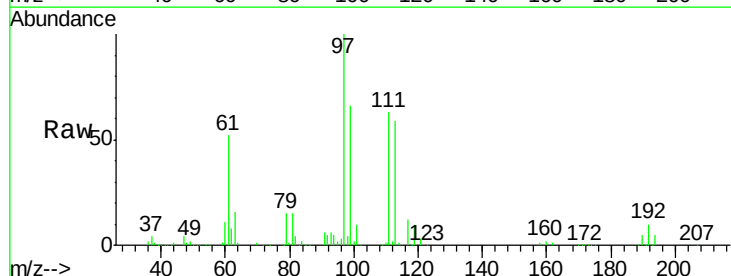
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

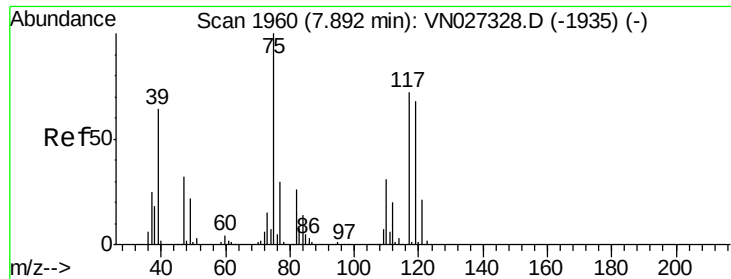
Tgt Ion:114 Resp: 1030035
 Ion Ratio Lower Upper
 114 100
 63 26.7 0.0 48.8
 88 18.3 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 50.53 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion:113 Resp: 339578
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.4
 192 16.2 14.1 21.1

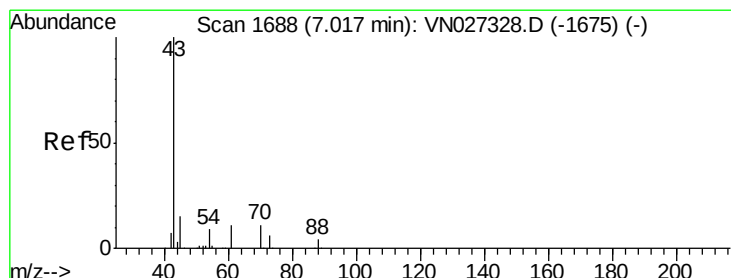
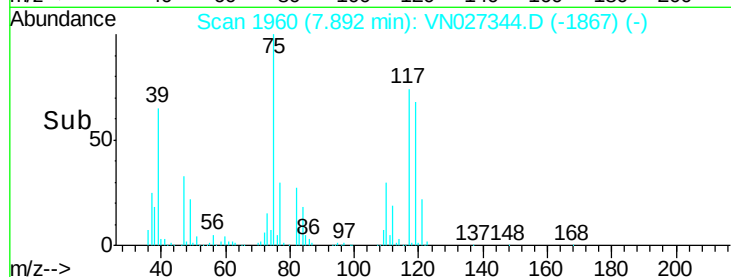
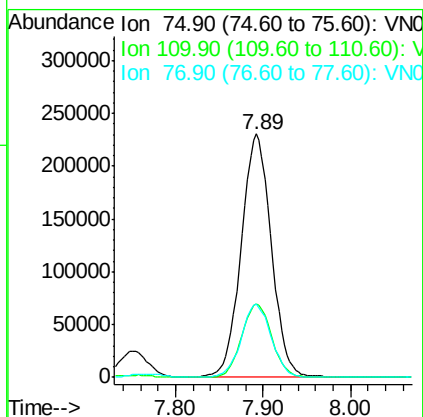
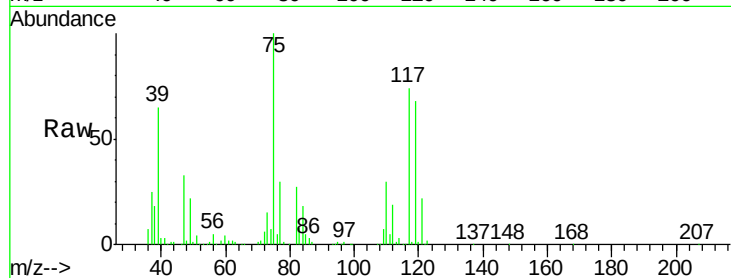




#37
 1,1-Dichloropropene
 Concen: 49.54 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

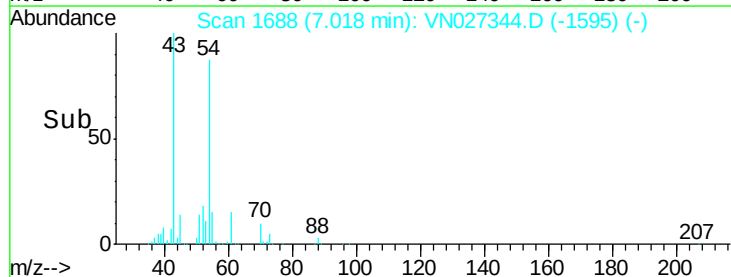
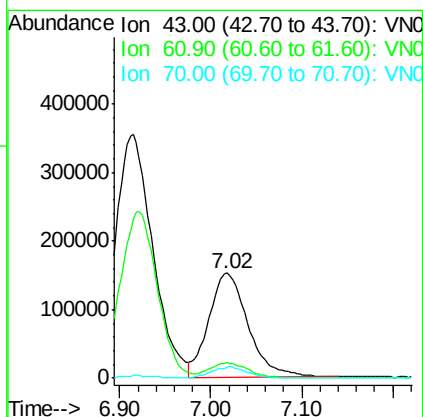
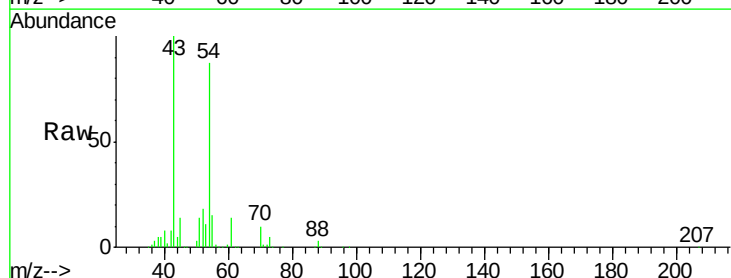
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

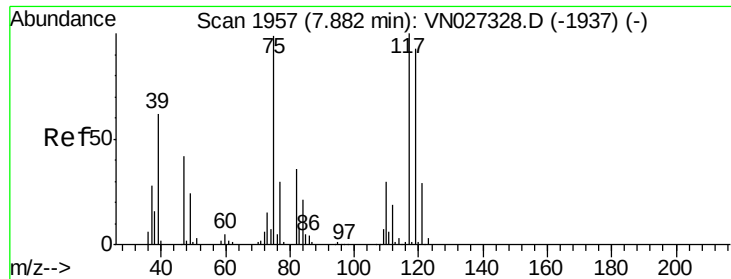
Tgt Ion: 75 Resp: 549952
 Ion Ratio Lower Upper
 75 100
 110 30.2 15.9 47.7
 77 29.8 24.9 37.3



#38
 Ethyl Acetate
 Concen: 53.18 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 43 Resp: 455814
 Ion Ratio Lower Upper
 43 100
 61 14.5 10.2 15.4
 70 9.6 7.4 11.0





#39

Carbon Tetrachloride

Concen: 48.52 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

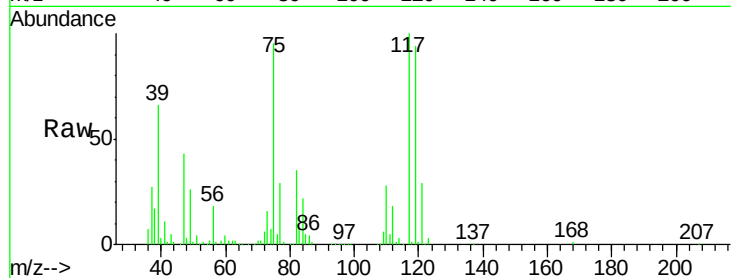
Tgt Ion: 117 Resp: 506875

Ion Ratio Lower Upper

117 100

119 93.8 75.3 112.9

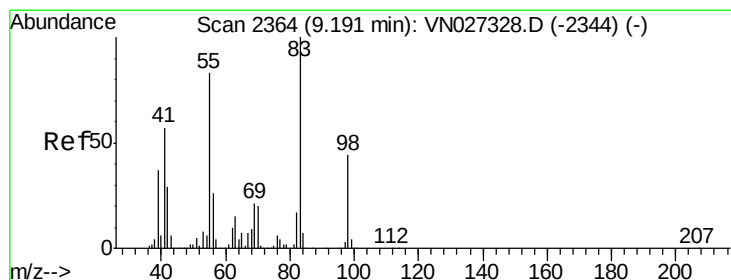
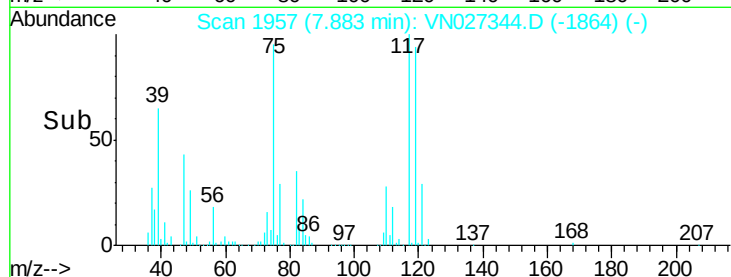
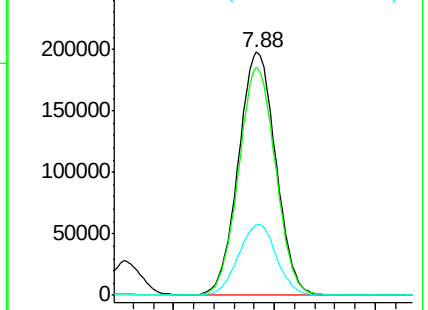
121 29.1 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Methylcyclohexane

Concen: 48.66 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

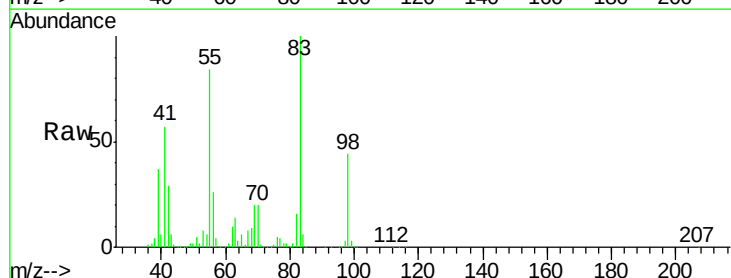
Tgt Ion: 83 Resp: 641600

Ion Ratio Lower Upper

83 100

55 83.4 69.8 104.8

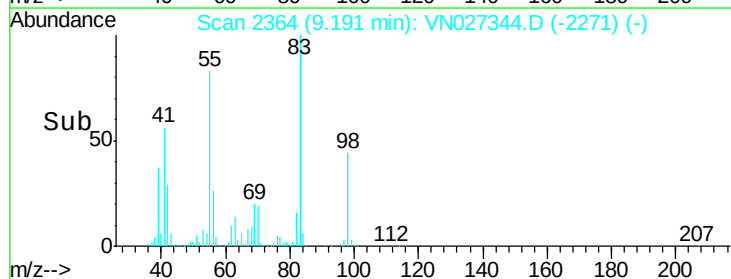
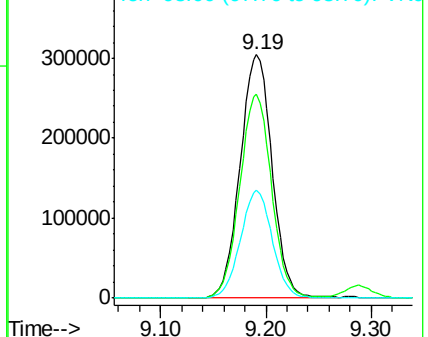
98 44.1 34.3 51.5

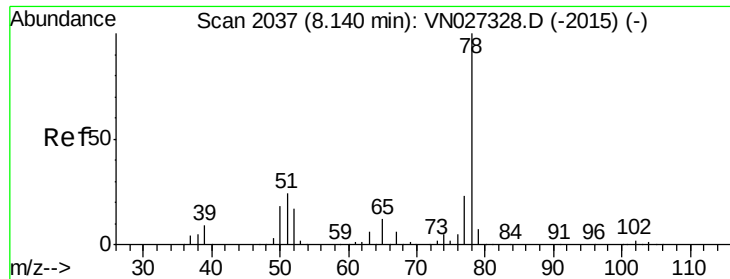


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#41

Benzene

Concen: 49.39 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

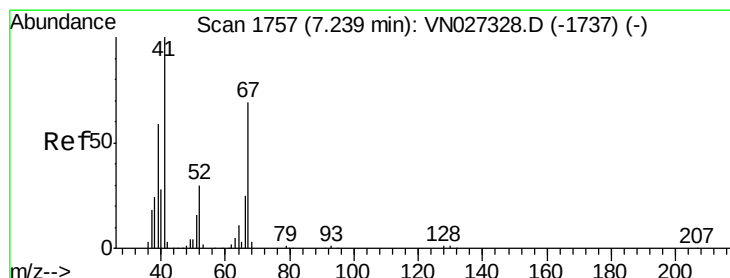
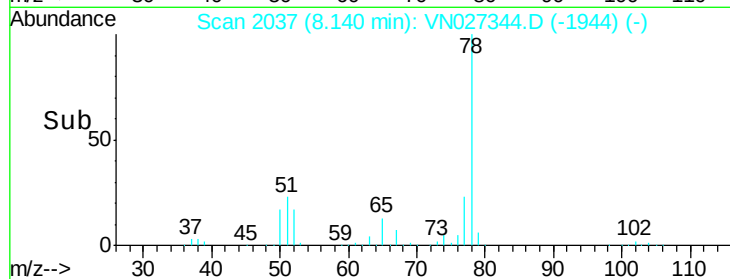
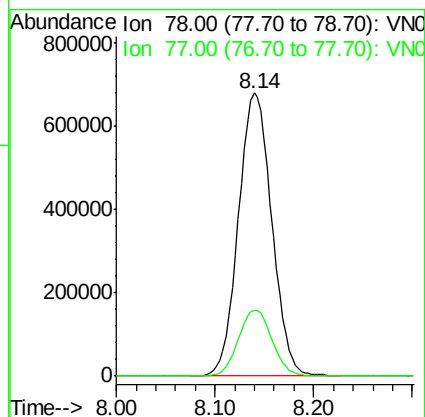
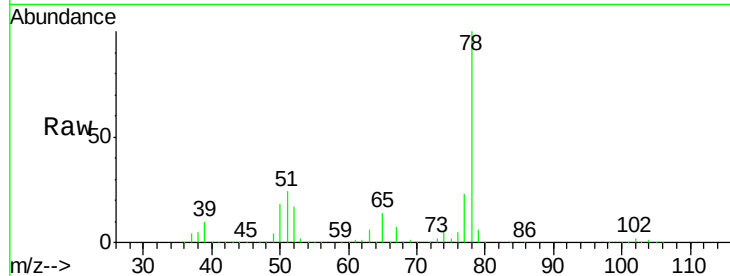
VSTDCCC050

Tgt Ion: 78 Resp: 1591340

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4



#42

Methacrylonitrile

Concen: 50.38 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Tgt Ion: 41 Resp: 254929

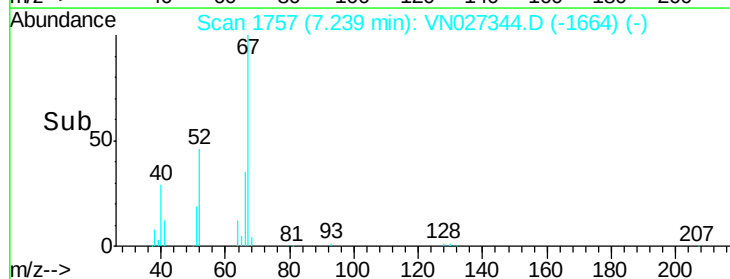
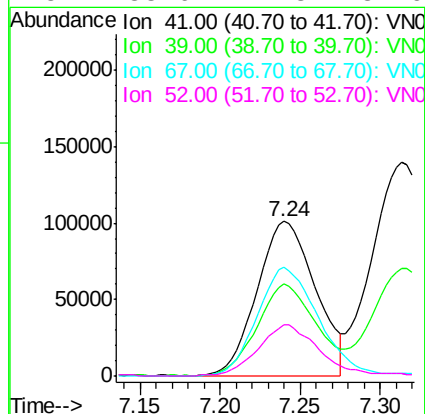
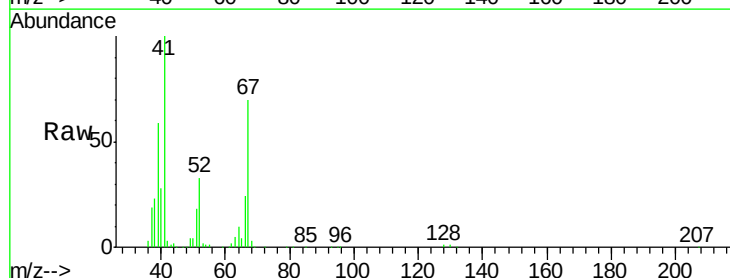
Ion Ratio Lower Upper

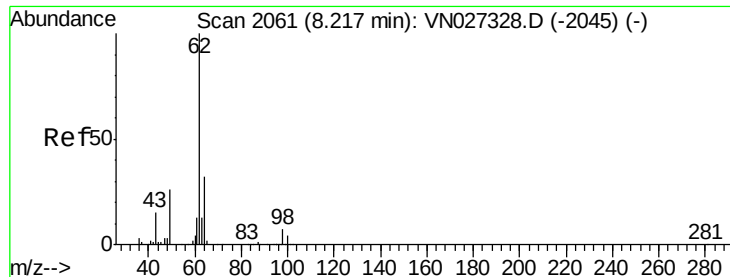
41 100

39 60.8 43.0 64.6

67 74.9 52.2 78.2

52 33.6 21.3 31.9#

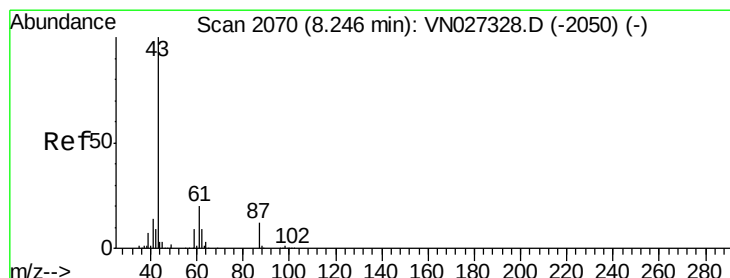
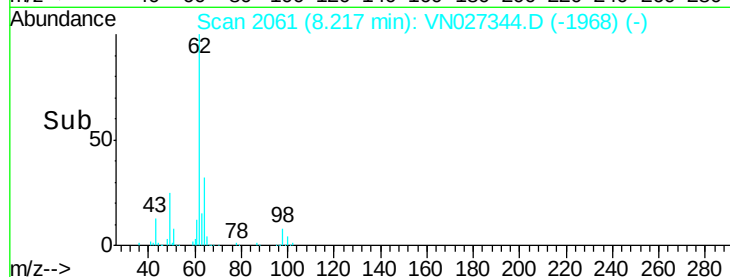
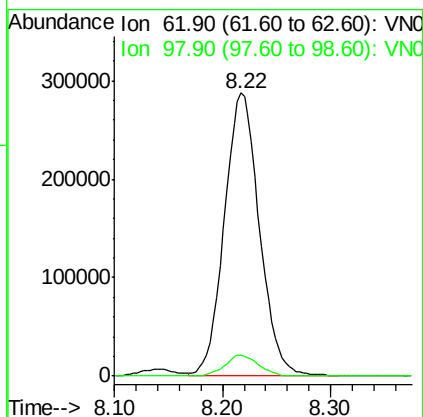
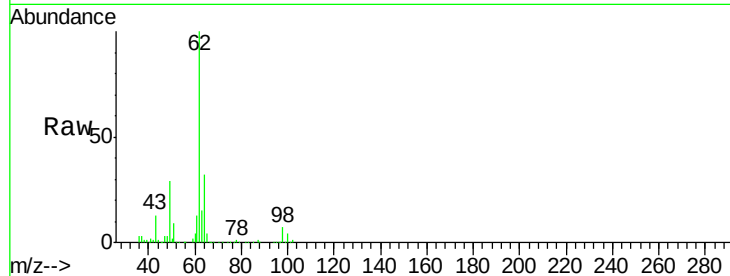




#43
 1,2-Dichloroethane
 Concen: 49.27 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

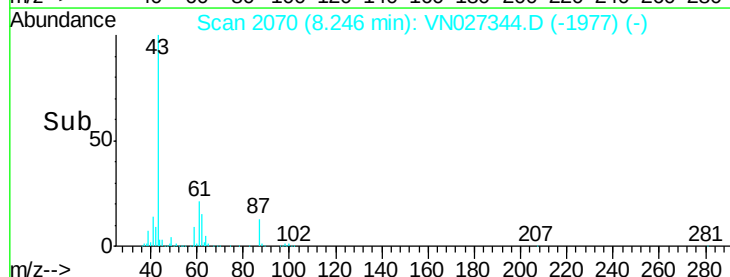
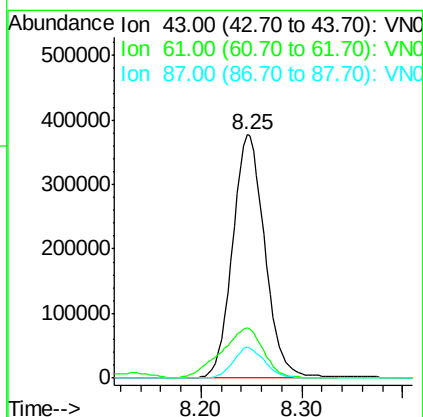
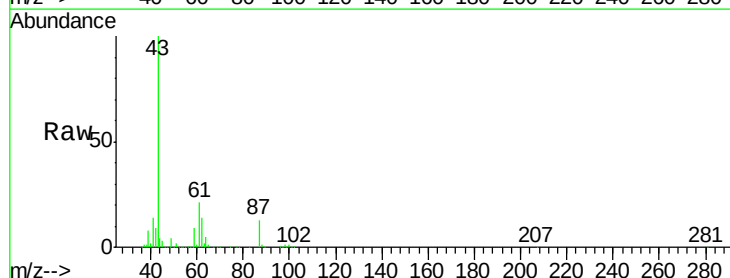
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

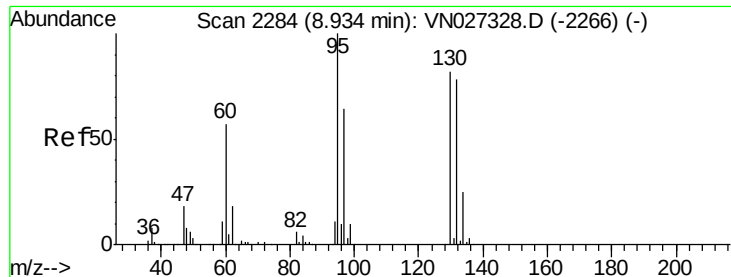
Tgt Ion: 62 Resp: 647188
 Ion Ratio Lower Upper
 62 100
 98 7.3 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 50.85 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 43 Resp: 833154
 Ion Ratio Lower Upper
 43 100
 61 27.1 20.6 31.0
 87 12.4 8.6 13.0





#45

Trichloroethene

Concen: 49.52 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

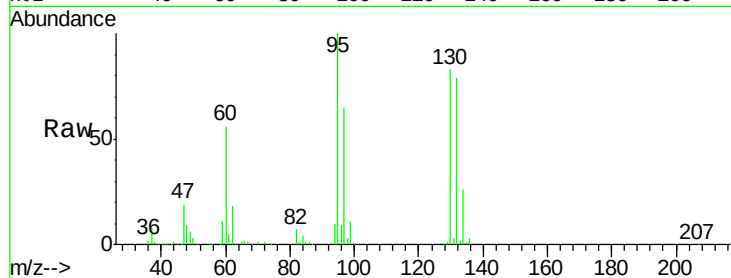
VSTDCCC050

Tgt Ion:130 Resp: 319627

Ion Ratio Lower Upper

130 100

95 120.3 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO

200000

150000

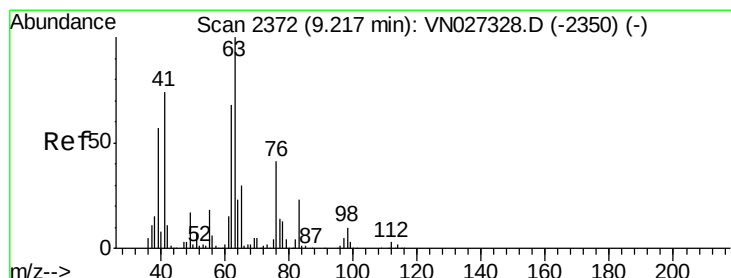
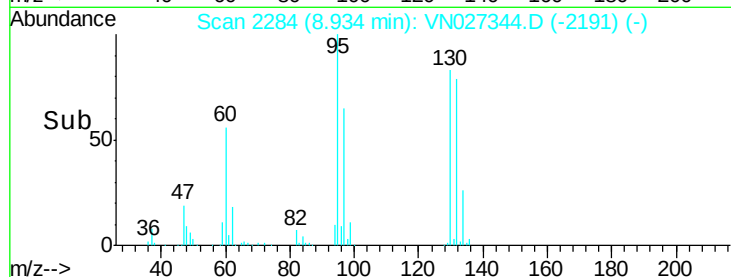
100000

50000

0

8.85 8.90 8.95 9.00

Time-->



#46

1,2-Dichloropropane

Concen: 49.79 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027344.D

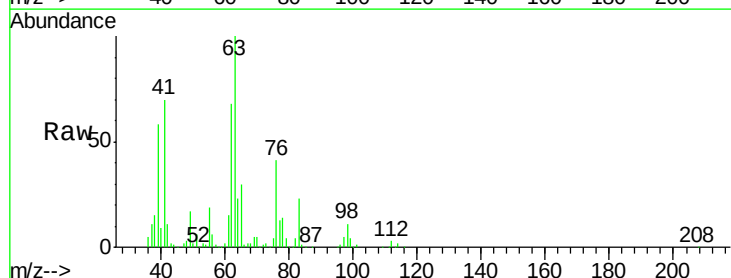
Acq: 21 Sep 2015 21:54

Tgt Ion: 63 Resp: 449005

Ion Ratio Lower Upper

63 100

65 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

250000

200000

150000

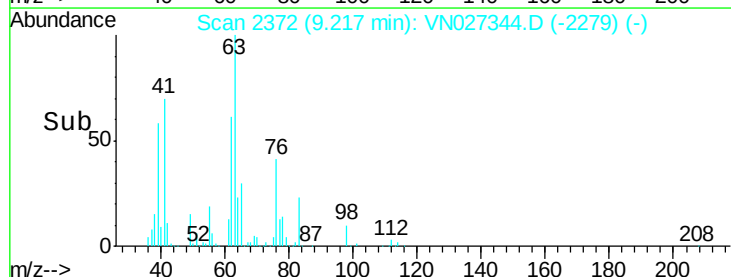
100000

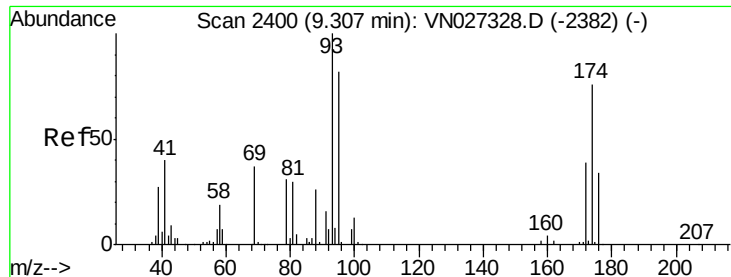
50000

0

9.10 9.20 9.30

Time-->





#47

Dibromomethane

Concen: 50.76 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

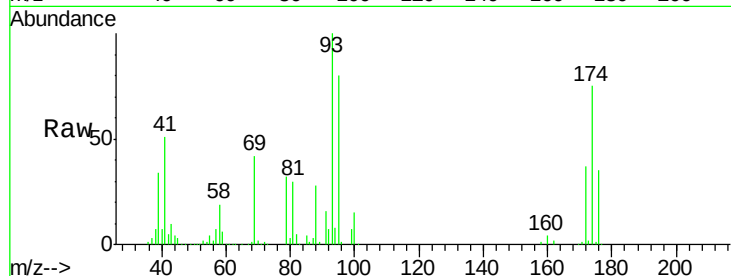
Tgt Ion: 93 Resp: 274707

Ion Ratio Lower Upper

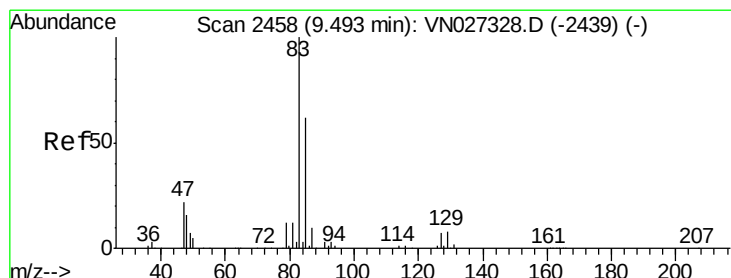
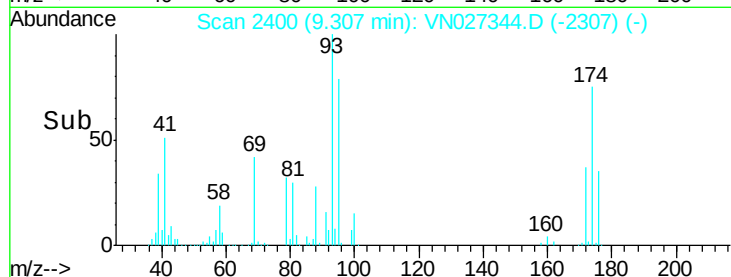
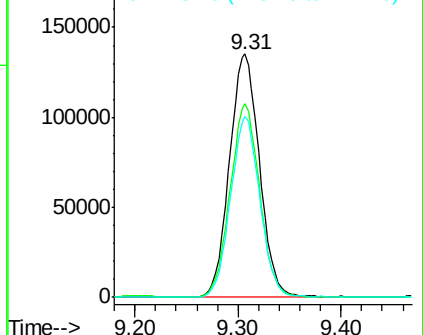
93 100

95 78.3 66.3 99.5

174 72.5 67.8 101.6



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



#48

Bromodichloromethane

Concen: 49.82 ug/l

RT: 9.50 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

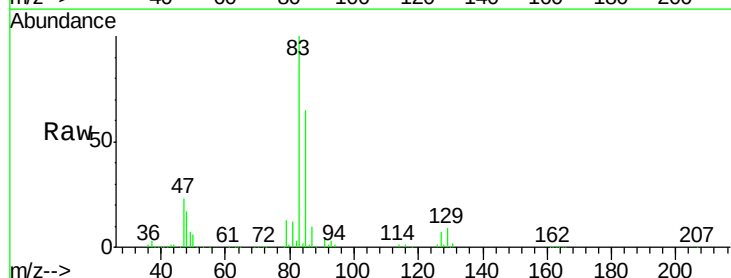
Tgt Ion: 83 Resp: 571818

Ion Ratio Lower Upper

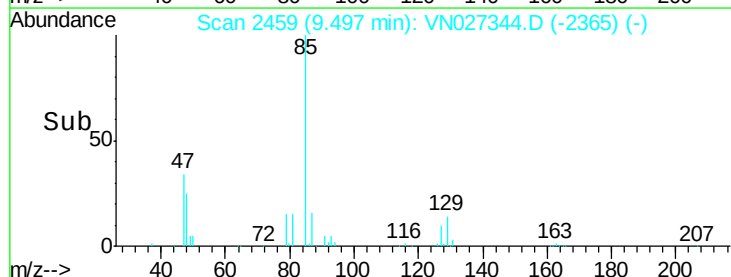
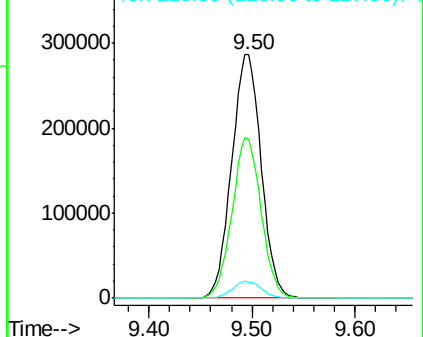
83 100

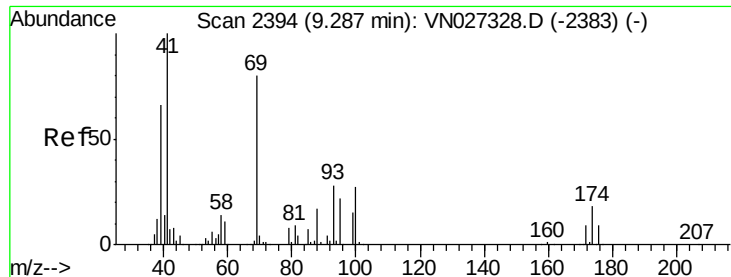
85 65.4 50.7 76.1

127 6.6 5.5 8.3



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

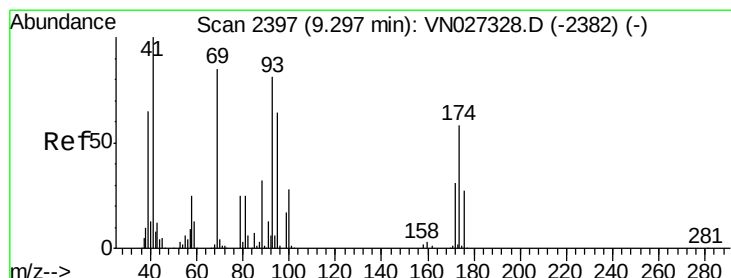
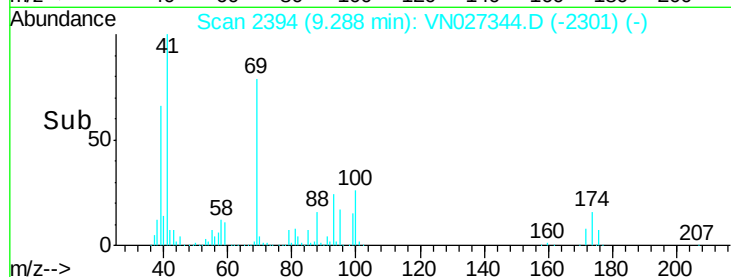
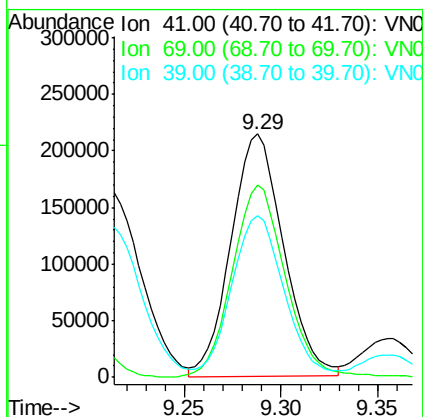
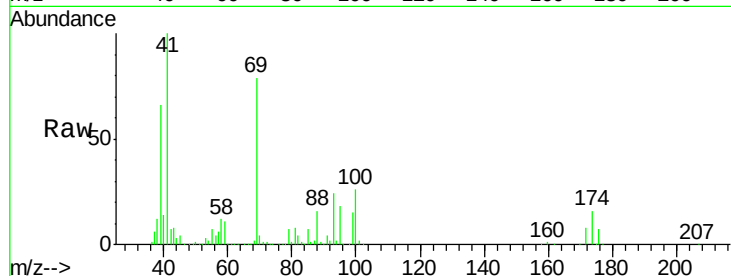




#49
Methyl methacrylate
Concen: 52.54 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

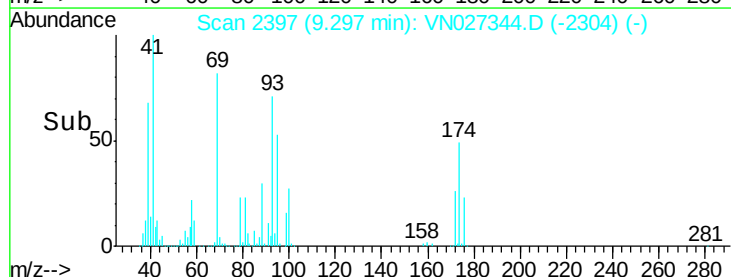
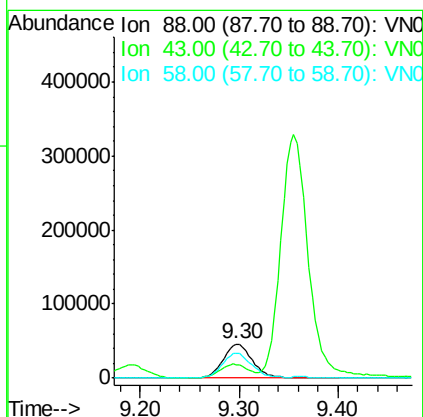
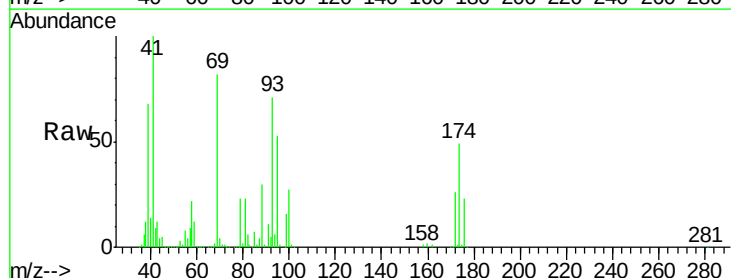
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

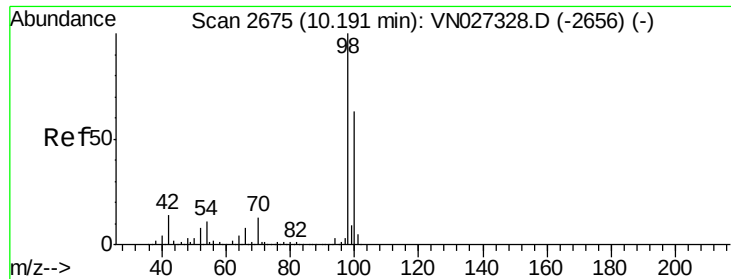
Tgt Ion: 41 Resp: 405084
Ion Ratio Lower Upper
41 100
69 79.6 59.3 88.9
39 66.6 39.5 59.3#



#50
1,4-Dioxane
Concen: 1034.91 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Tgt Ion: 88 Resp: 96316
Ion Ratio Lower Upper
88 100
43 37.9 27.6 41.4
58 73.3 63.1 94.7





#51

Toluene-d8

Concen: 49.78 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

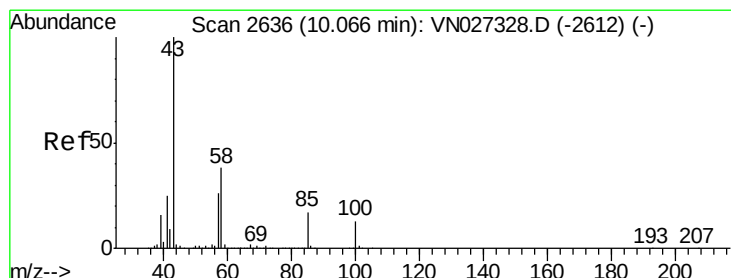
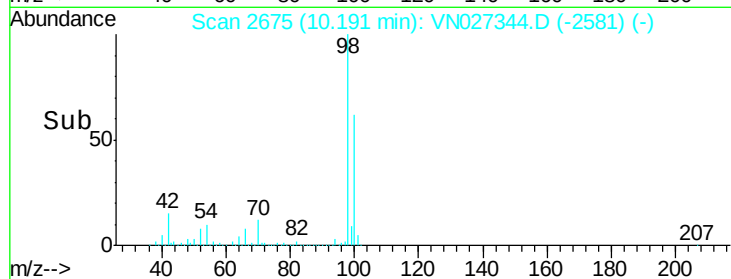
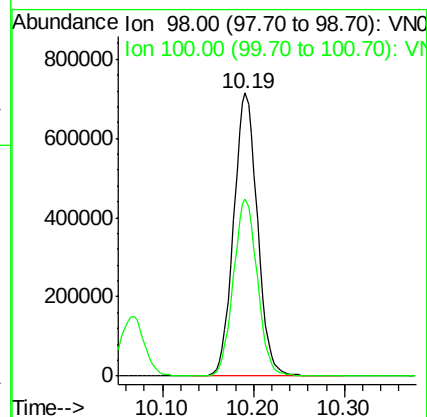
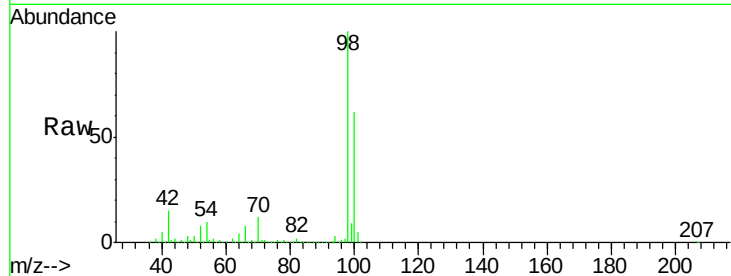
VSTDCCC050

Tgt Ion: 98 Resp: 1293434

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 257.12 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027344.D

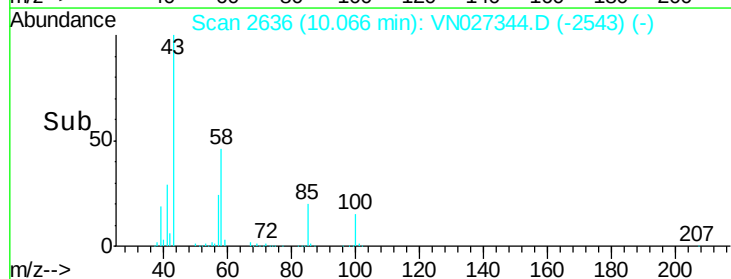
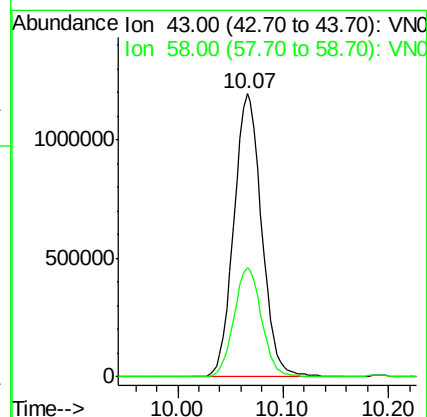
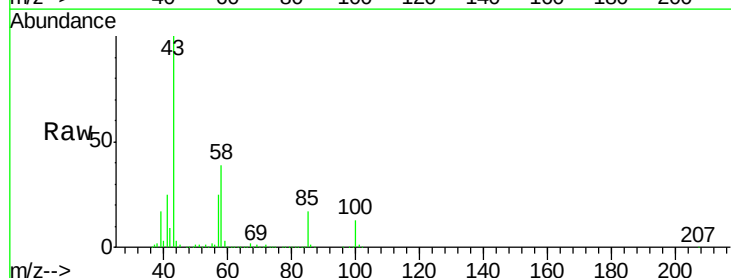
Acq: 21 Sep 2015 21:54

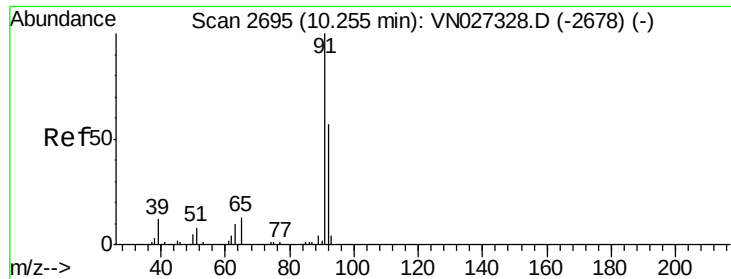
Tgt Ion: 43 Resp: 2166725

Ion Ratio Lower Upper

43 100

58 38.6 29.8 44.8





#53

Toluene

Concen: 49.66 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

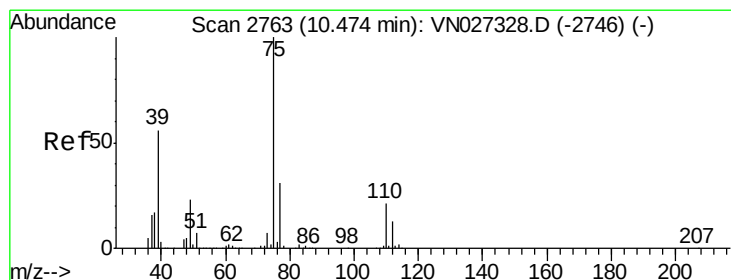
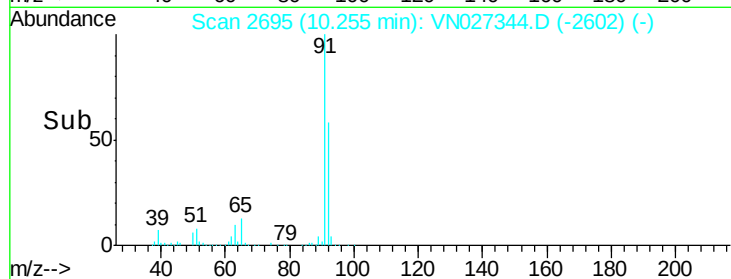
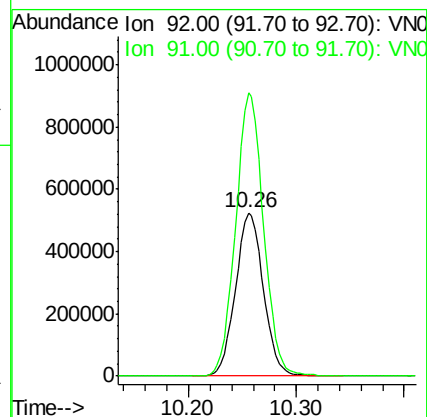
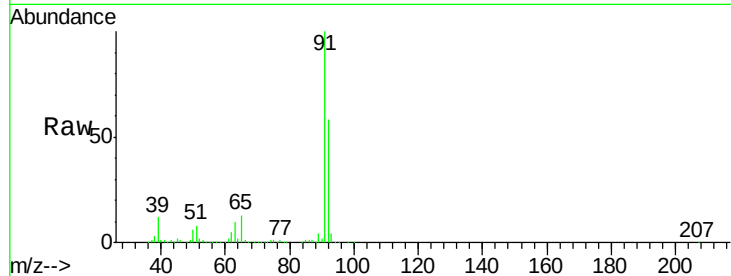
VSTDCCC050

Tgt Ion: 92 Resp: 946438

Ion Ratio Lower Upper

92 100

91 173.3 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 50.10 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027344.D

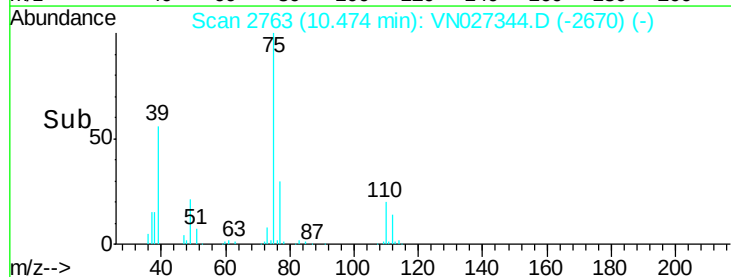
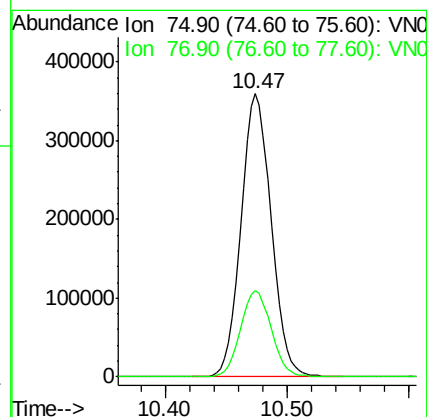
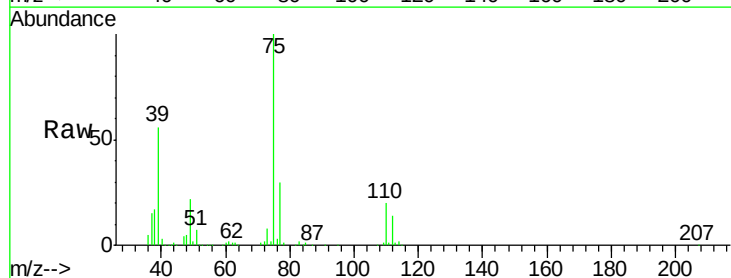
Acq: 21 Sep 2015 21:54

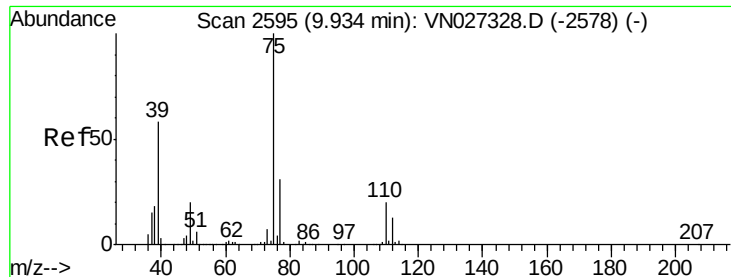
Tgt Ion: 75 Resp: 613916

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 49.46 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

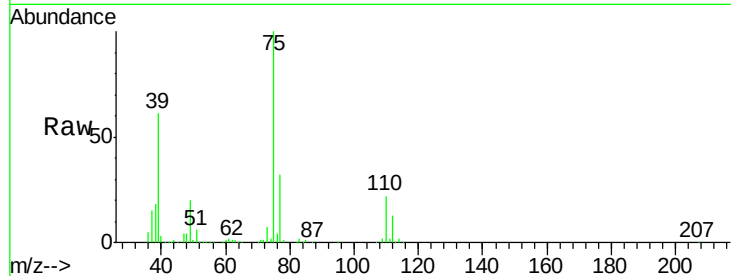
Tgt Ion: 75 Resp: 665755

Ion Ratio Lower Upper

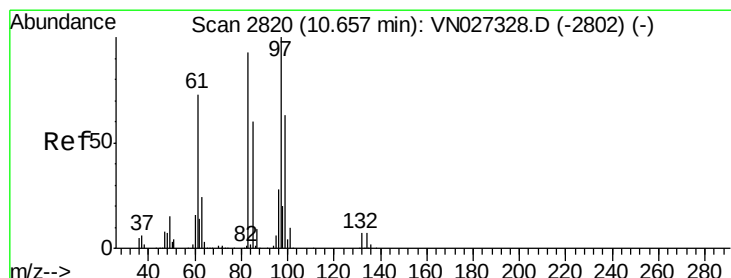
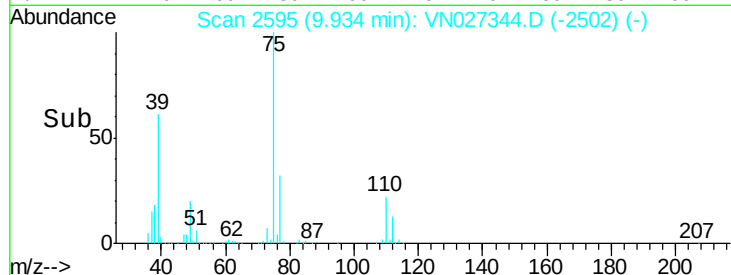
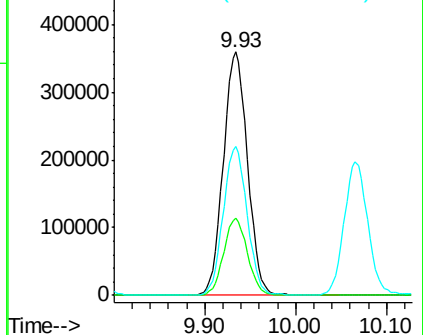
75 100

77 31.5 25.6 38.4

39 61.0 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: 51.36 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Tgt Ion: 97 Resp: 365021

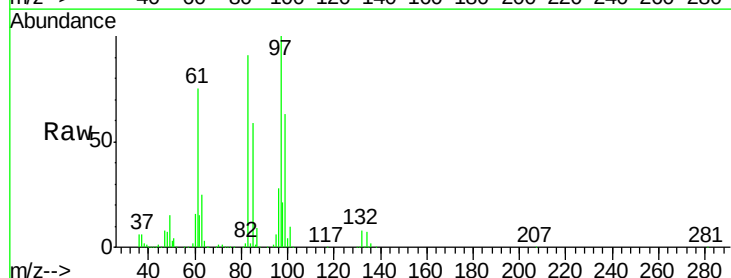
Ion Ratio Lower Upper

97 100

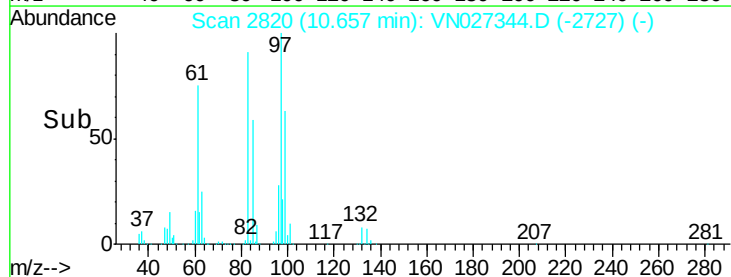
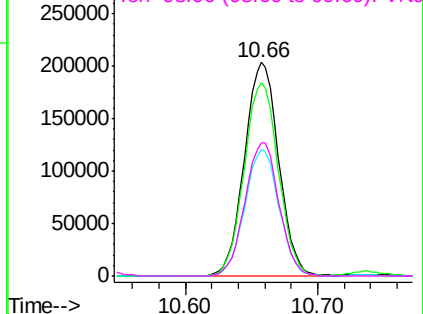
83 90.6 75.0 112.4

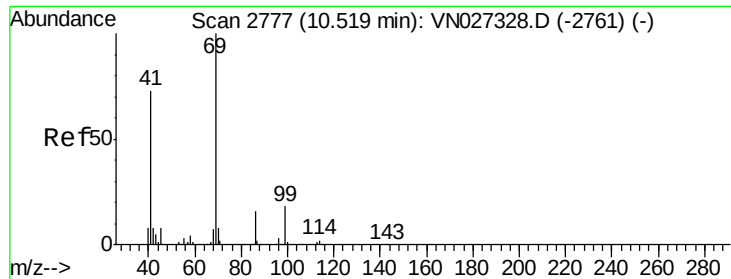
85 59.3 48.0 72.0

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: 51.47 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

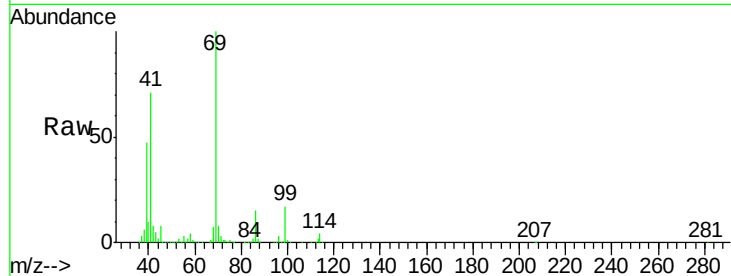
Tgt Ion: 69 Resp: 580606

Ion Ratio Lower Upper

69 100

41 70.4 61.3 91.9

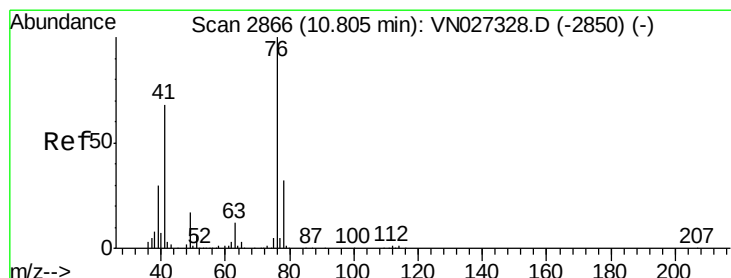
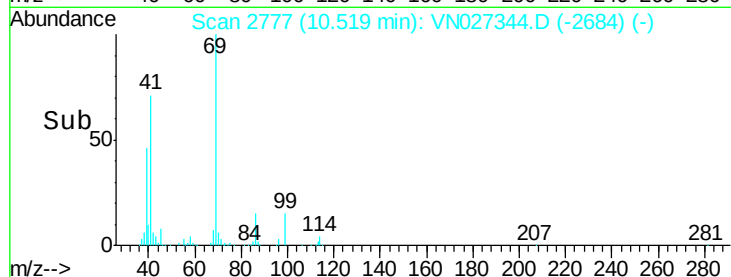
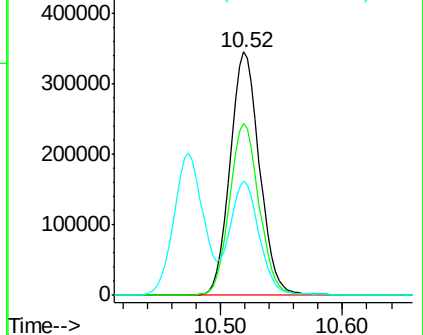
39 46.4 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

1,3-Dichloropropane

Concen: 50.50 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027344.D

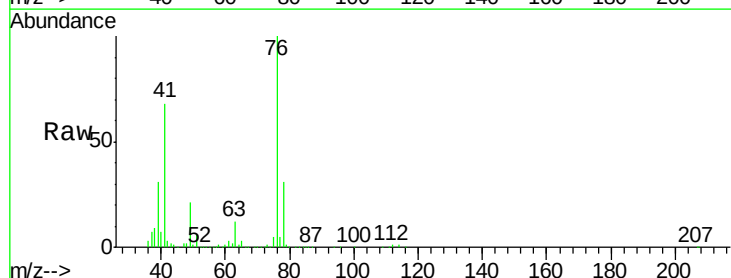
Acq: 21 Sep 2015 21:54

Tgt Ion: 76 Resp: 661516

Ion Ratio Lower Upper

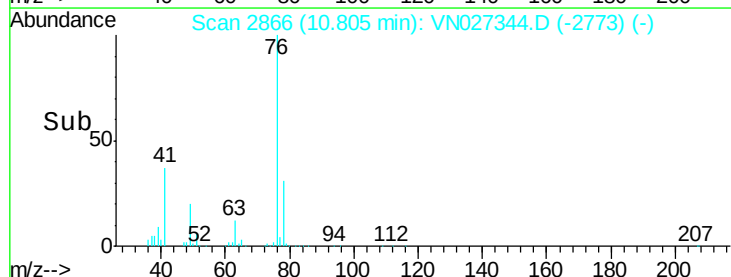
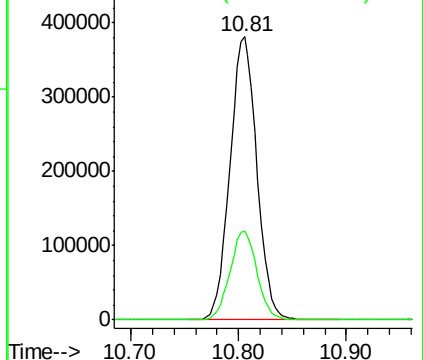
76 100

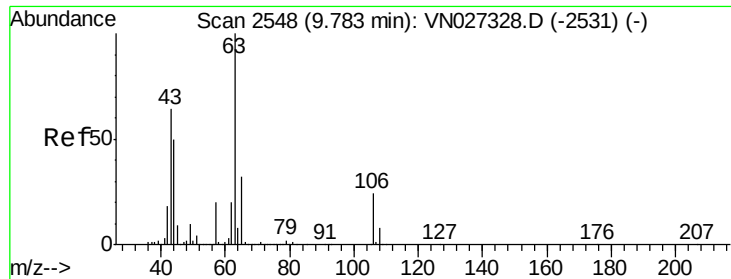
78 31.7 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

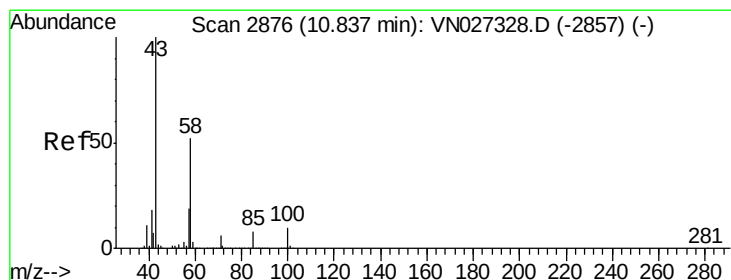
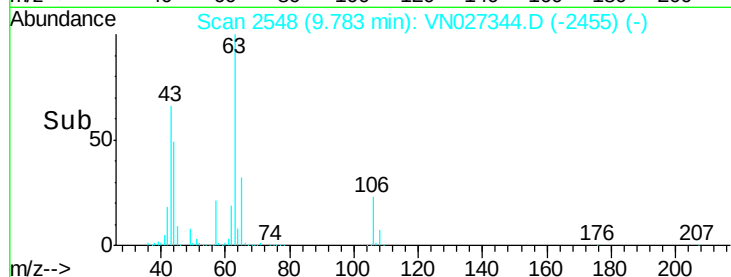
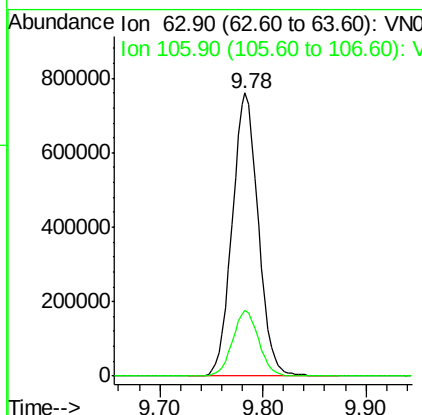
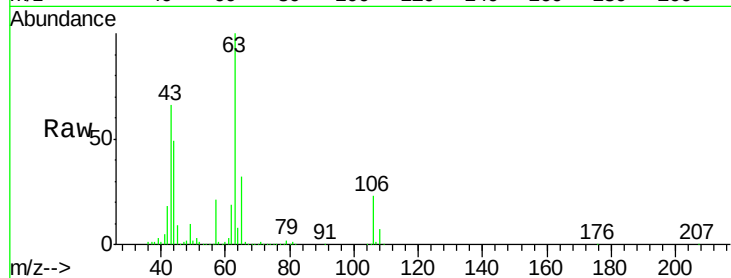




#59
 2-Chloroethyl Vinyl ether
 Concen: 267.34 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

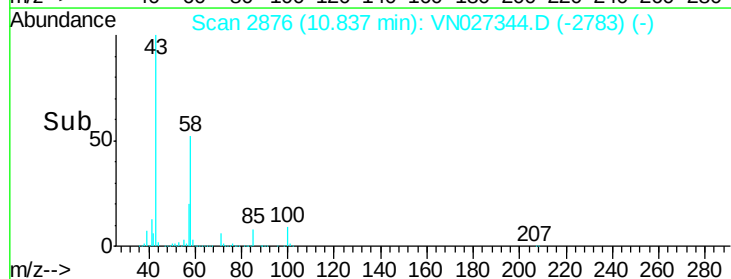
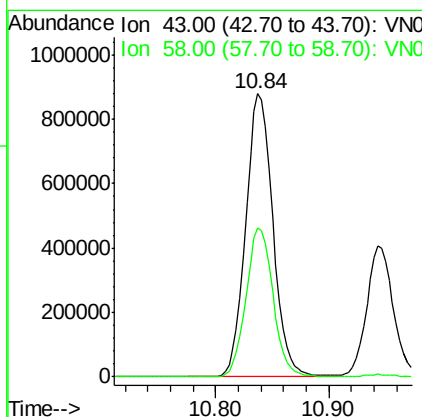
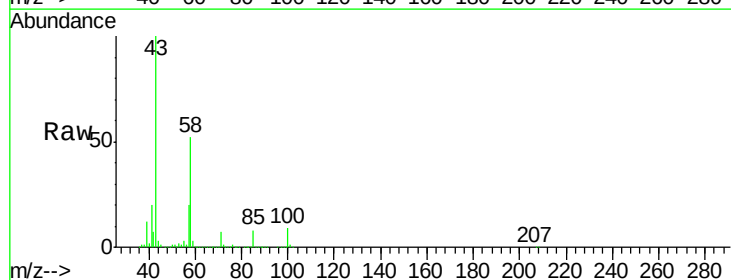
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

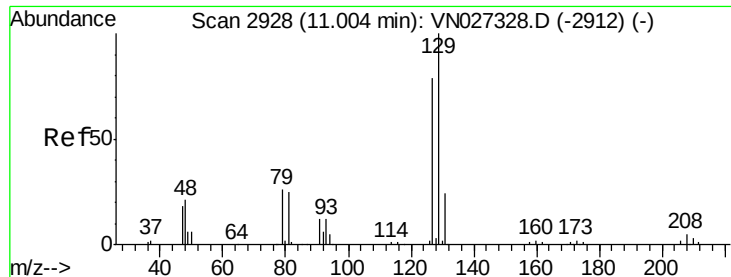
Tgt Ion: 63 Resp: 1336448
 Ion Ratio Lower Upper
 63 100
 106 23.3 17.7 26.5



#60
 2-Hexanone
 Concen: 257.00 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 43 Resp: 1471844
 Ion Ratio Lower Upper
 43 100
 58 52.4 26.2 78.5

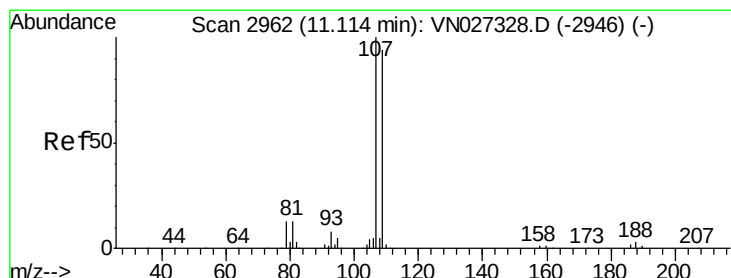
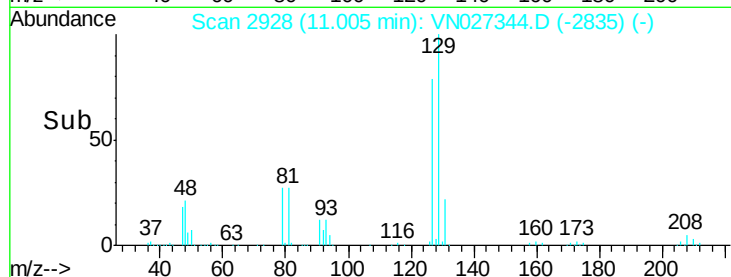
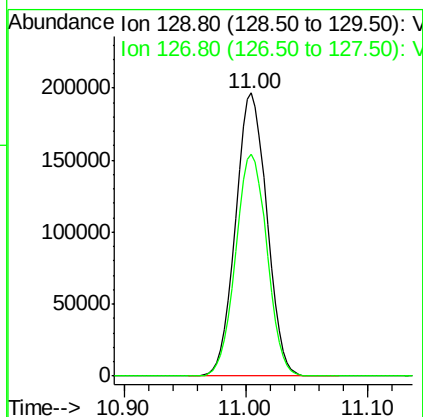
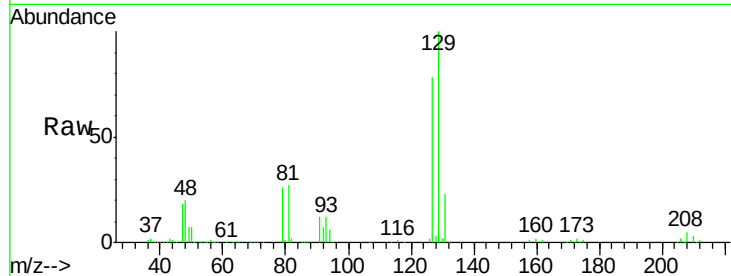




#61
 Dibromochloromethane
 Concen: 50.14 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

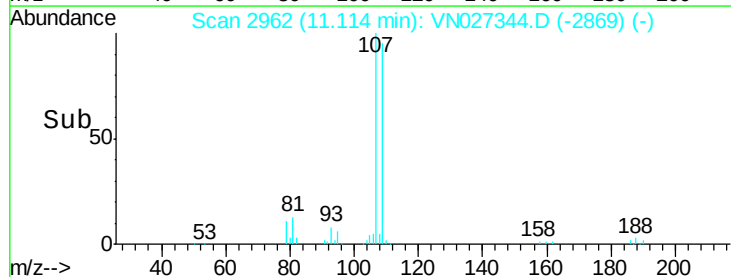
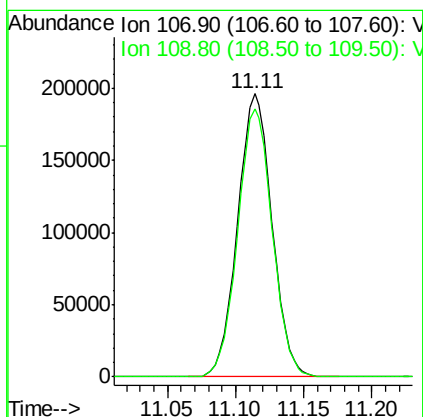
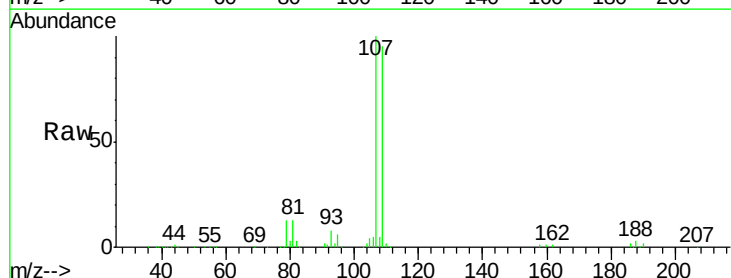
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

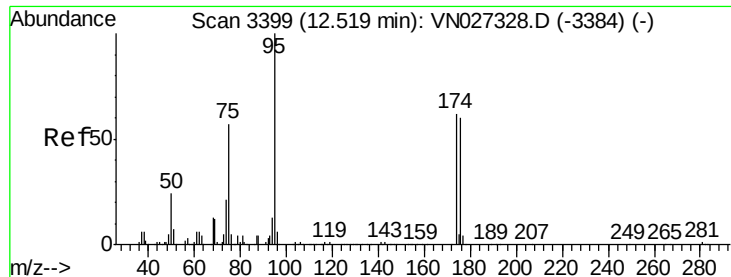
Tgt Ion:129 Resp: 349045
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 50.75 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion:107 Resp: 343020
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.6 113.4

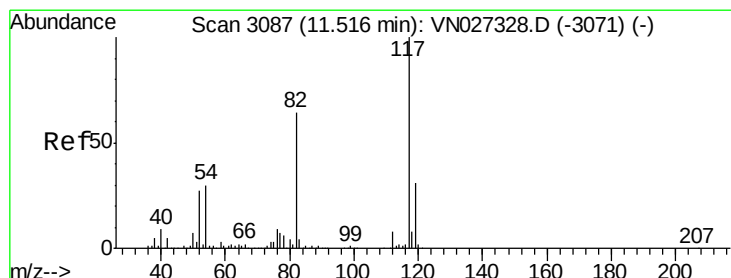
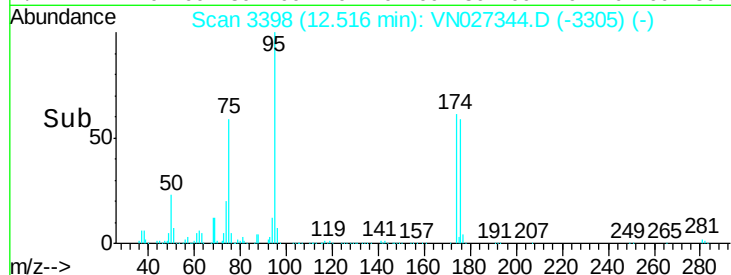
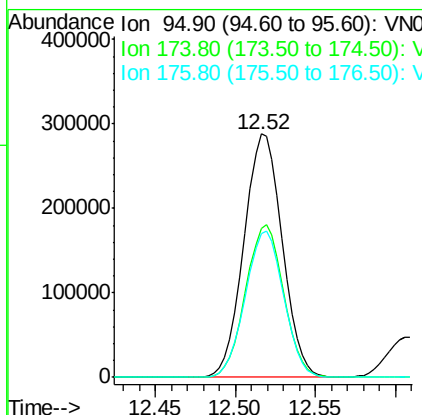
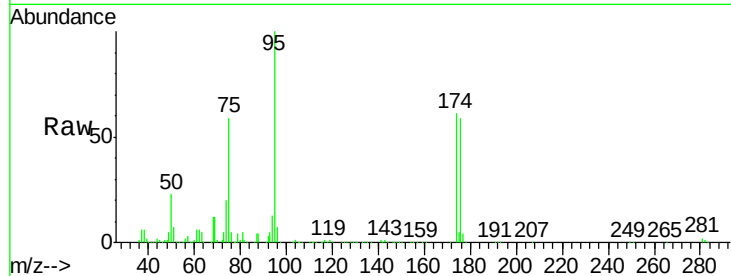




#63
4-Bromofluorobenzene
Concen: 49.96 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

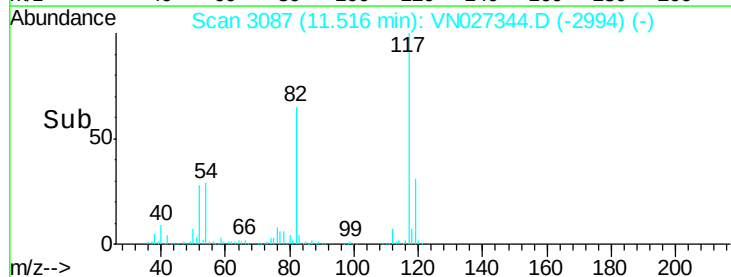
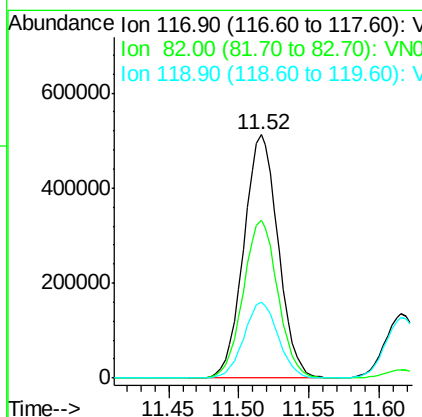
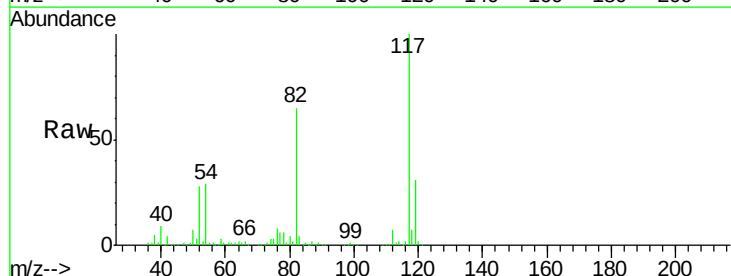
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

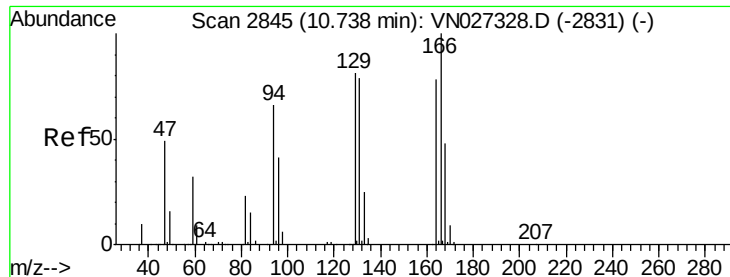
Tgt Ion: 95 Resp: 471575
Ion Ratio Lower Upper
95 100
174 62.3 0.0 137.0
176 60.1 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Tgt Ion: 117 Resp: 876624
Ion Ratio Lower Upper
117 100
82 65.0 49.6 74.4
119 31.0 24.6 36.8





#65

Tetrachloroethene

Concen: 49.16 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:164 Resp: 256491

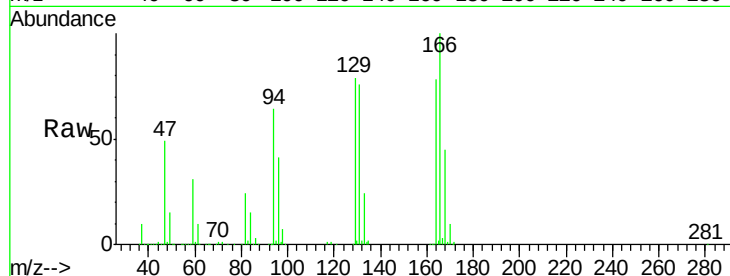
Ion Ratio Lower Upper

164 100

166 127.6 103.4 155.0

129 101.1 77.5 116.3

131 97.3 74.2 111.4

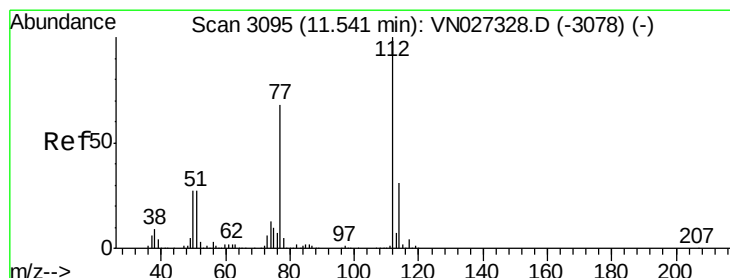
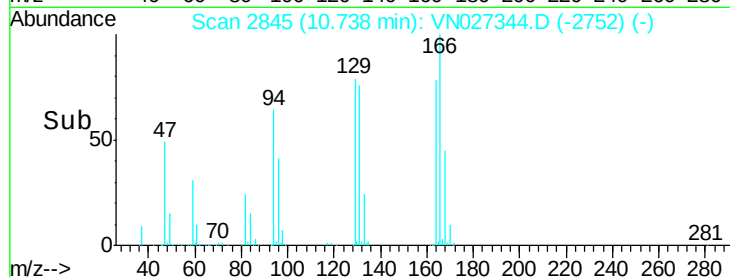
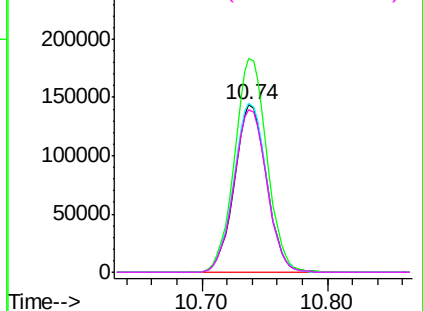


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.86 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027344.D

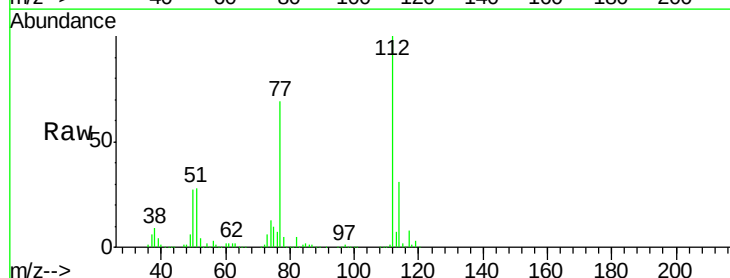
Acq: 21 Sep 2015 21:54

Tgt Ion:112 Resp: 937029

Ion Ratio Lower Upper

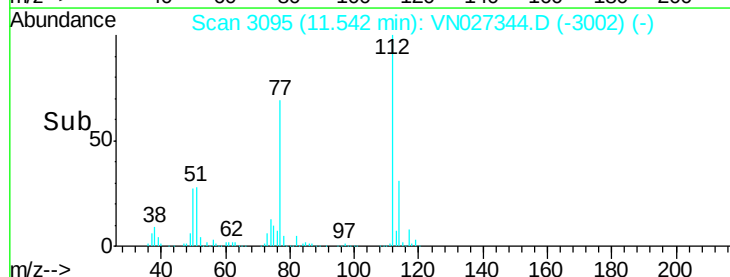
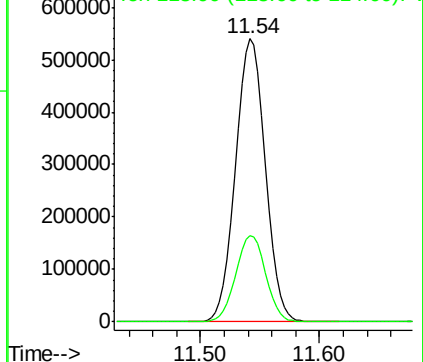
112 100

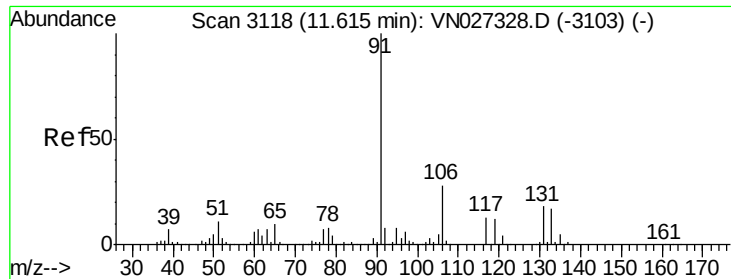
114 30.6 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

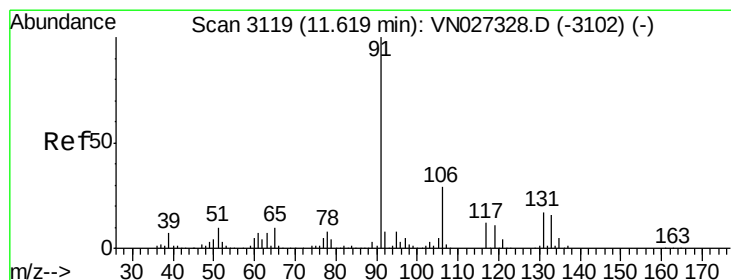
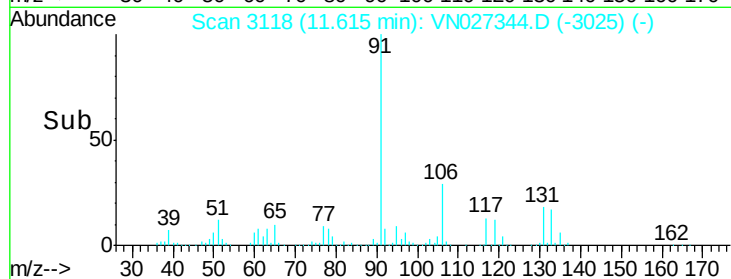
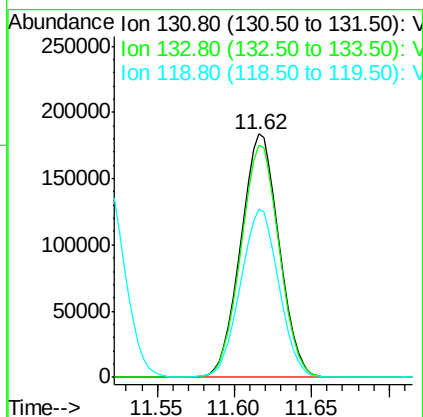
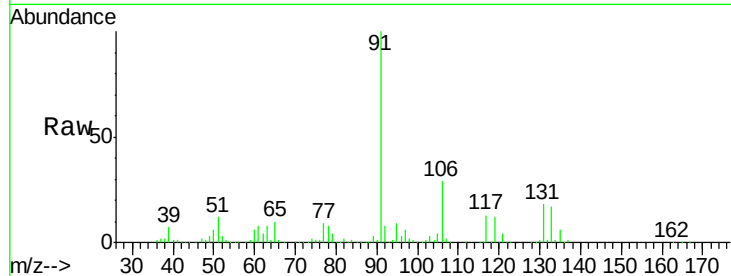




#67
 1,1,1,2-Tetrachloroethane
 Concen: 50.29 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

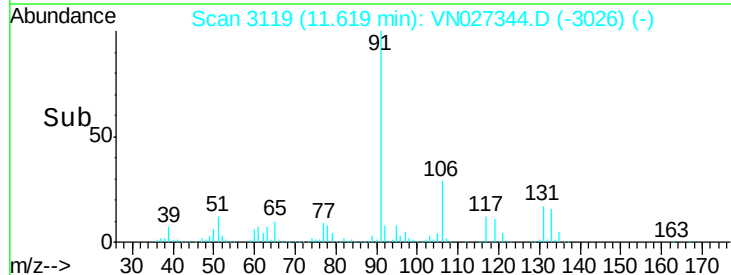
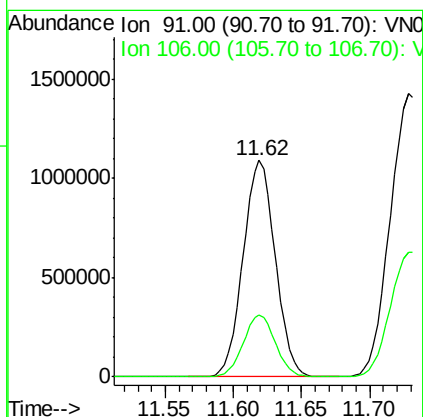
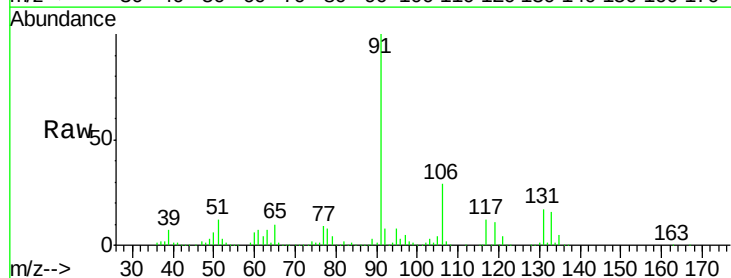
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

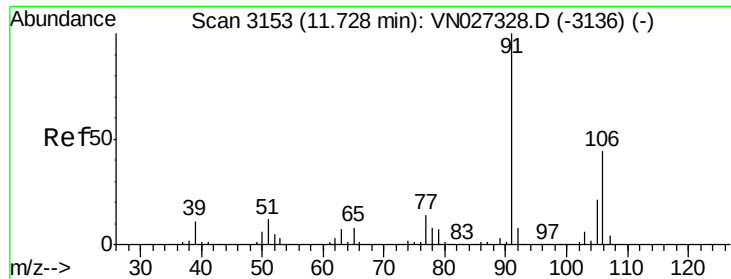
Tgt Ion: 131 Resp: 317172
 Ion Ratio Lower Upper
 131 100
 133 95.3 47.0 141.2
 119 69.1 35.1 105.5



#68
 Ethyl Benzene
 Concen: 50.39 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 91 Resp: 1786319
 Ion Ratio Lower Upper
 91 100
 106 28.7 23.1 34.7

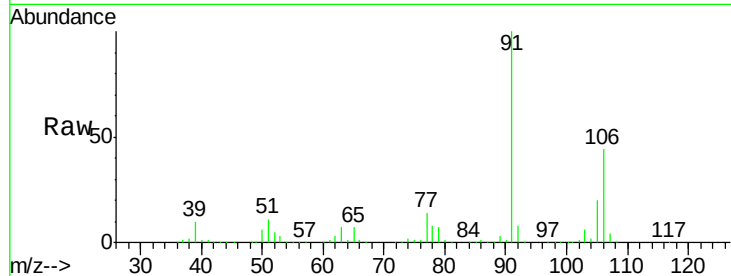




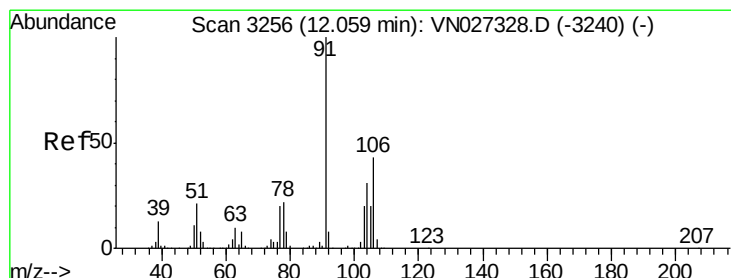
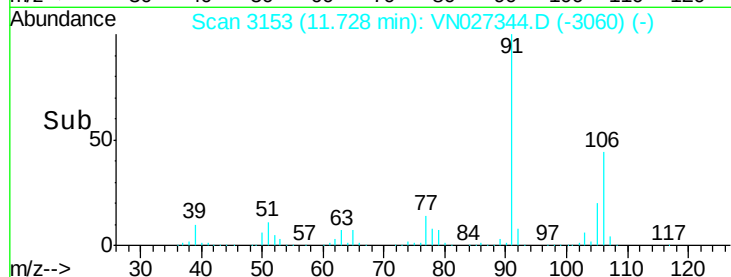
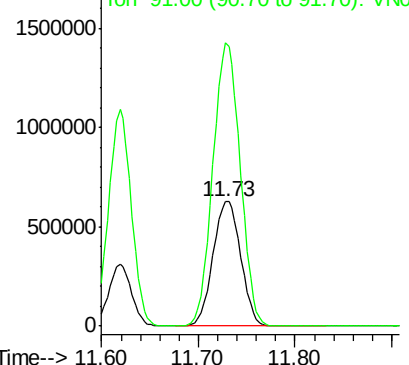
#69
m/p-Xylenes
Concen: 101.45 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1246879
Ion Ratio Lower Upper
106 100
91 224.3 167.1 250.7

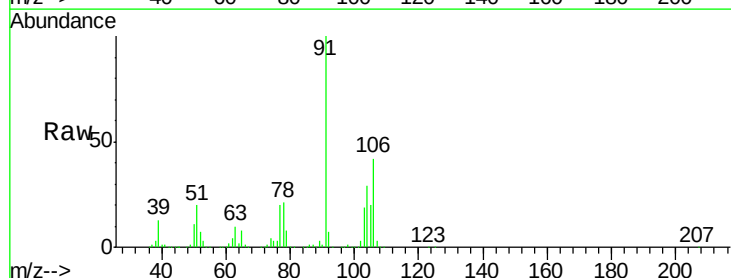


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

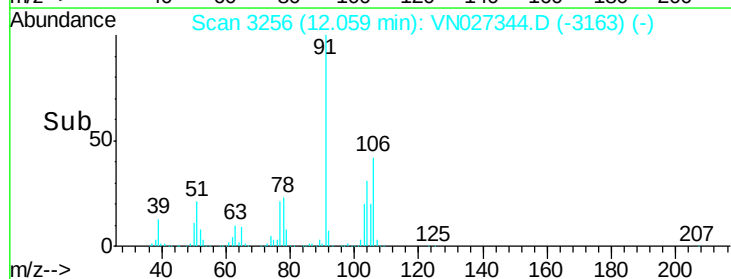
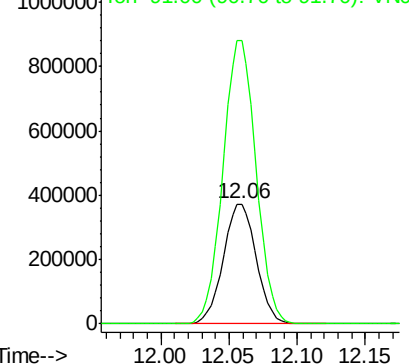


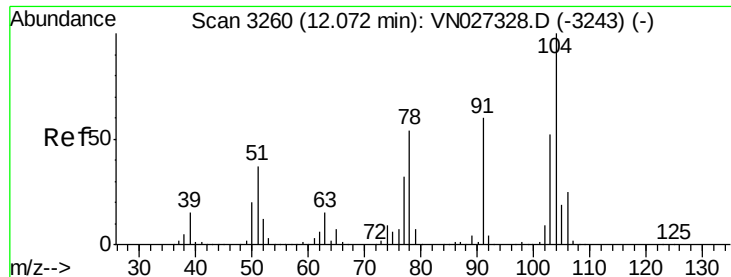
#70
o-Xylene
Concen: 50.16 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Tgt Ion:106 Resp: 622992
Ion Ratio Lower Upper
106 100
91 236.8 110.7 331.9



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

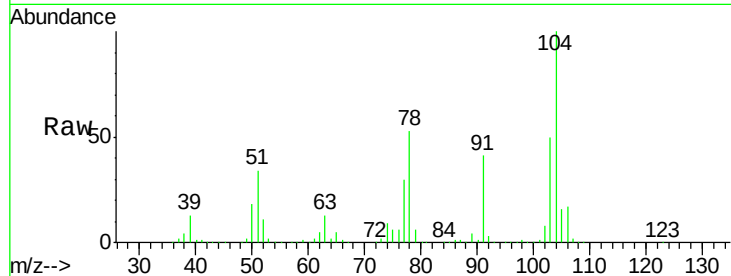




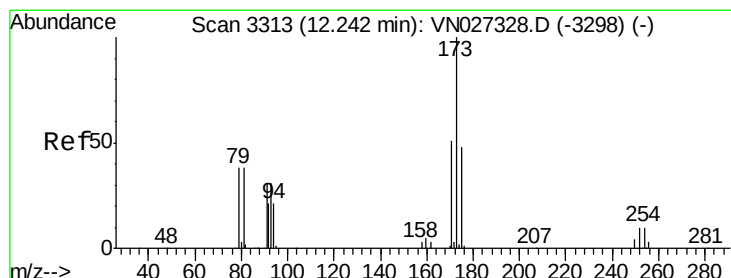
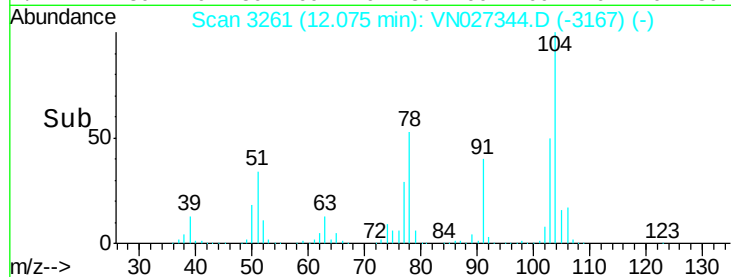
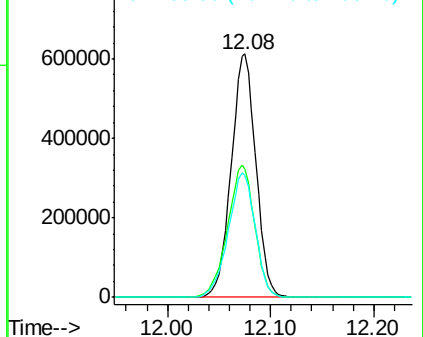
#71
Styrene
Concen: 51.60 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:104 Resp: 1020223
Ion Ratio Lower Upper
104 100
78 59.8 41.6 62.4
103 56.0 44.2 66.2

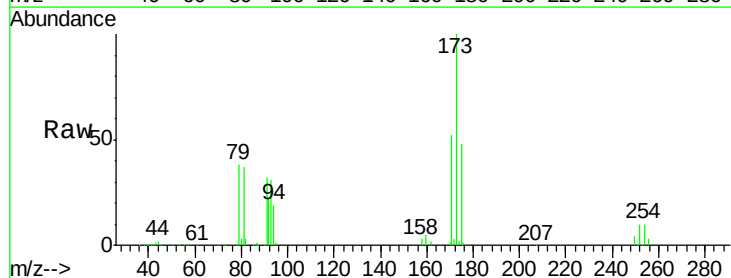


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

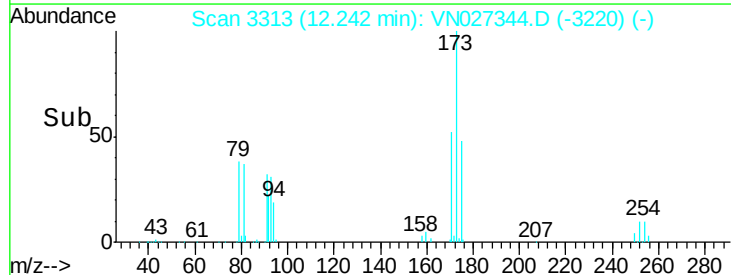
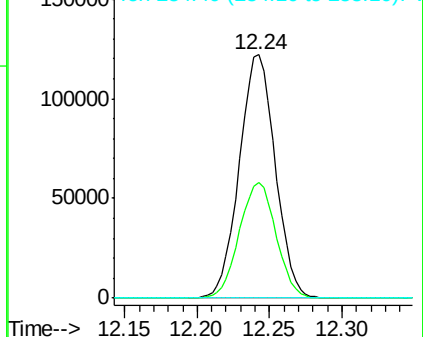


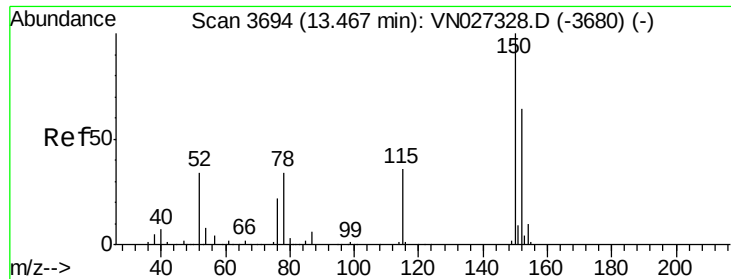
#72
Bromoform
Concen: 49.85 ug/l
RT: 12.24 min Scan# 3313
Delta R.T. 0.00 min
Lab File: VN027344.D
Acq: 21 Sep 2015 21:54

Tgt Ion:173 Resp: 210924
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.1 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: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

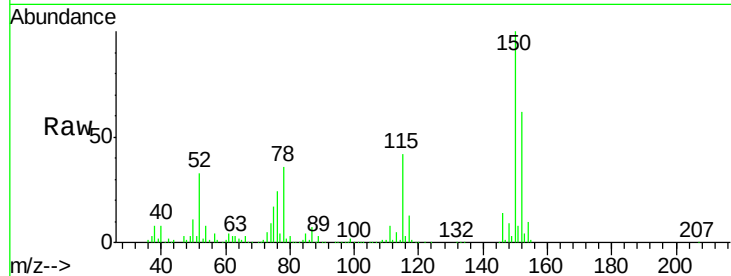
Tgt Ion:152 Resp: 342804

Ion Ratio Lower Upper

152 100

115 68.0 30.8 92.3

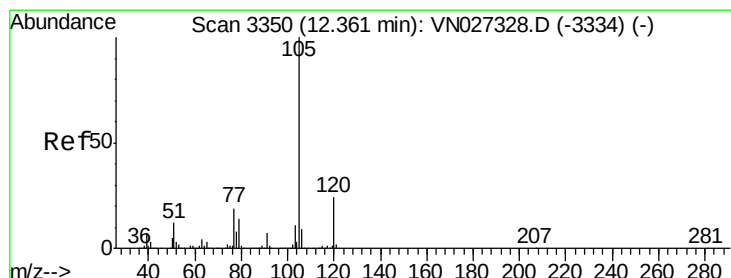
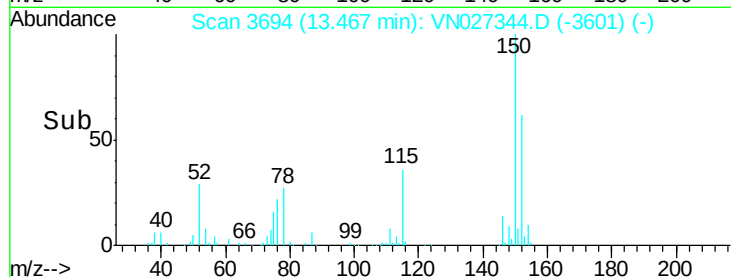
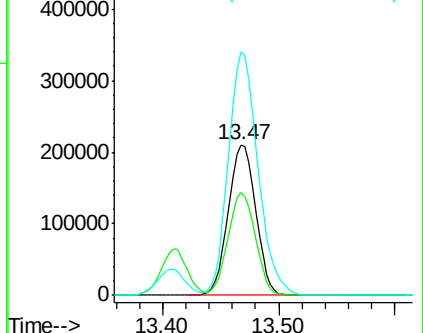
150 174.4 0.0 345.0



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: 49.43 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027344.D

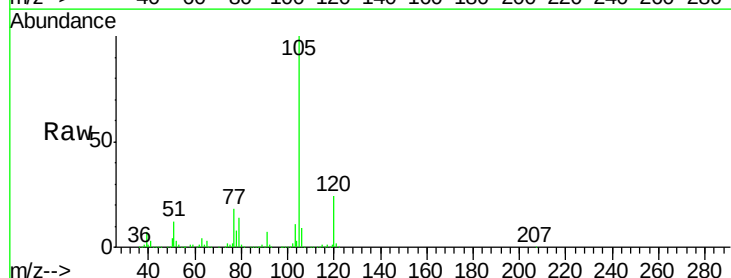
Acq: 21 Sep 2015 21:54

Tgt Ion:105 Resp: 1697647

Ion Ratio Lower Upper

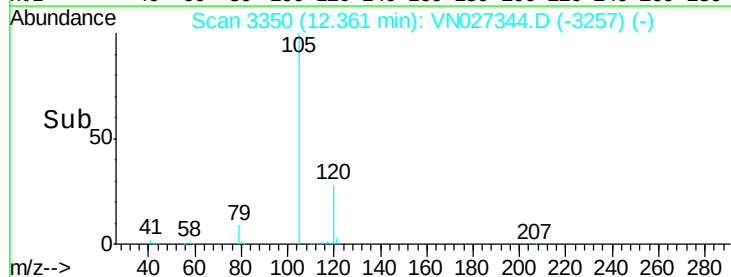
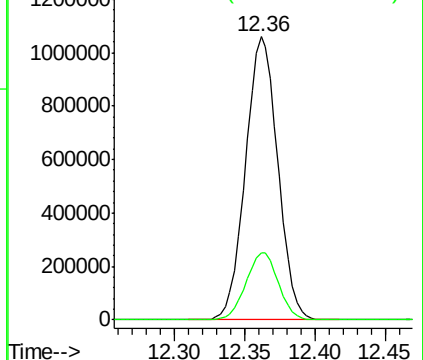
105 100

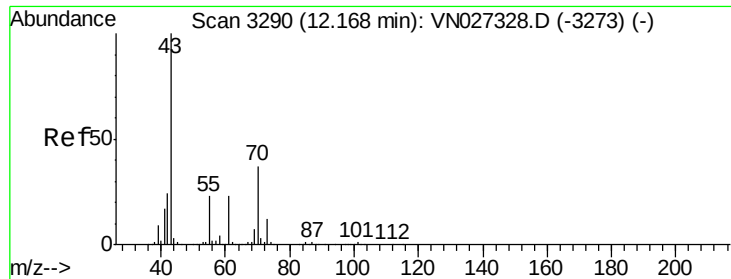
120 23.8 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 52.68 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 717774

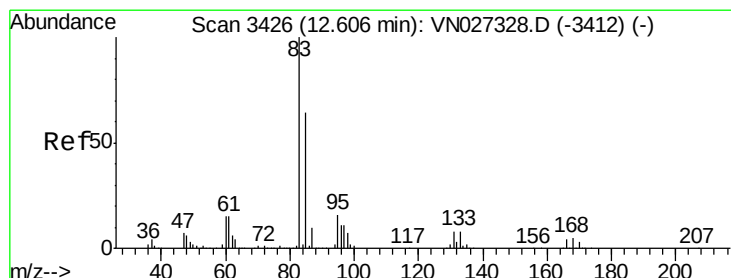
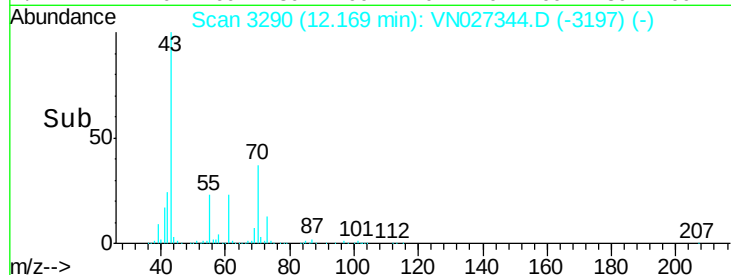
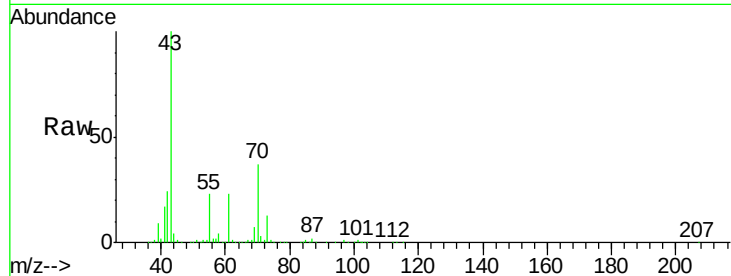
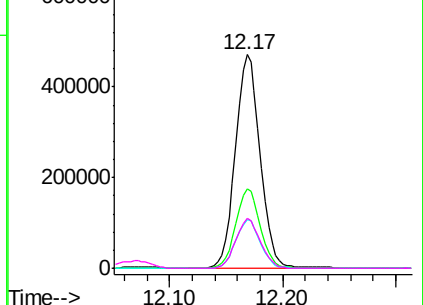
Ion	Ratio	Lower	Upper
43	100		
70	36.7	29.8	44.8
55	22.8	19.4	29.0
61	23.1	18.2	27.2

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: 48.71 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

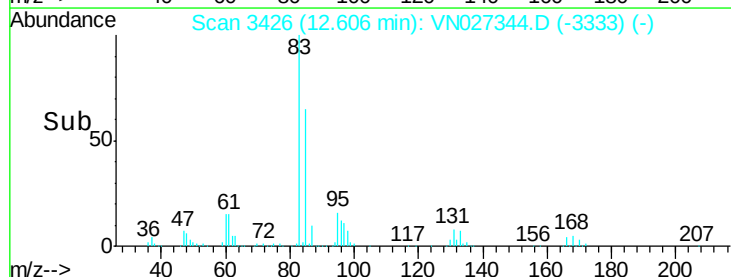
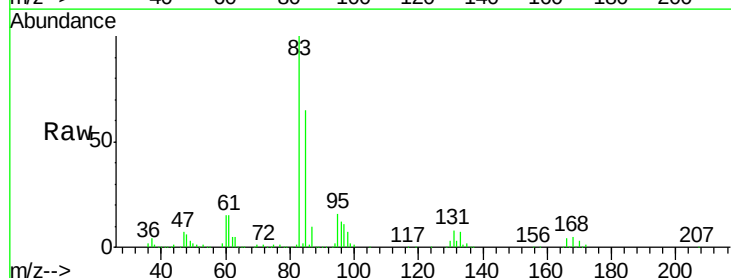
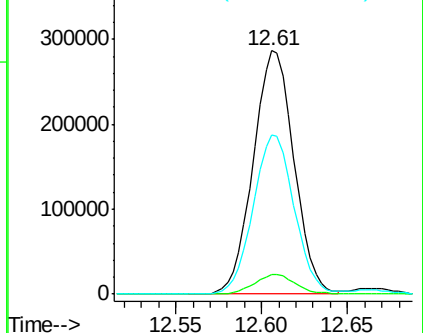
Tgt Ion: 83 Resp: 470835

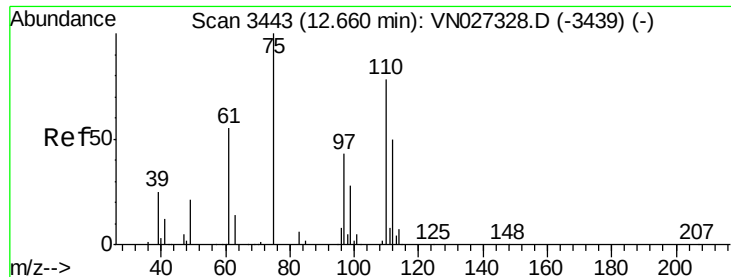
Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.1	12.3
85	65.7	31.9	95.7

Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 76.46 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampled :

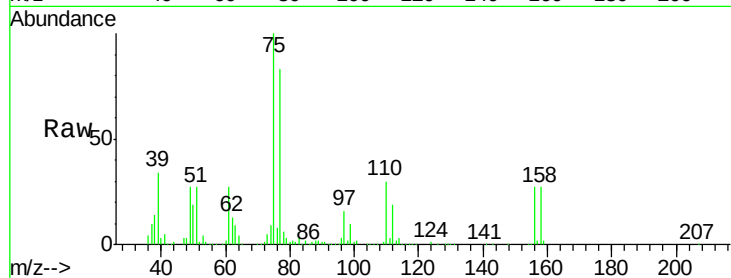
VSTDCCC050

Tgt Ion: 75 Resp: 658069

Ion Ratio Lower Upper

75 100

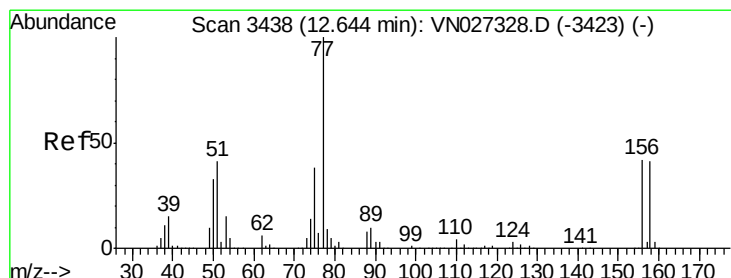
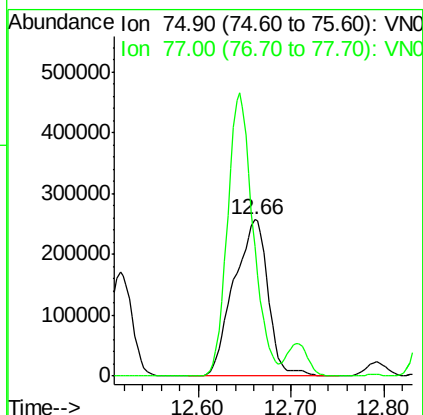
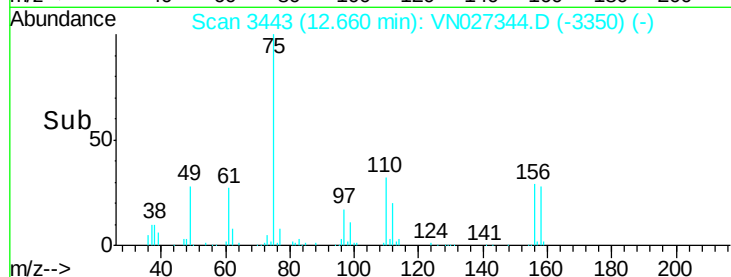
77 135.3 103.1 309.3



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

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

Time-->



#78

Bromobenzene

Concen: 49.09 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

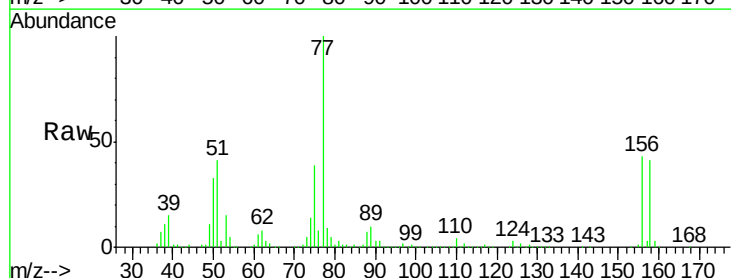
Tgt Ion: 156 Resp: 329891

Ion Ratio Lower Upper

156 100

77 269.9 127.3 381.9

158 97.4 48.0 144.2

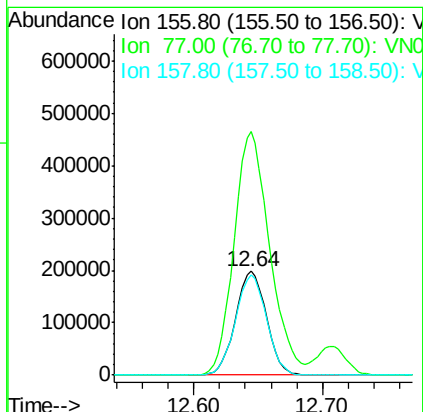
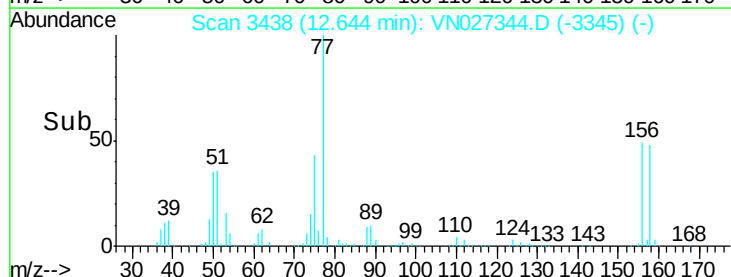


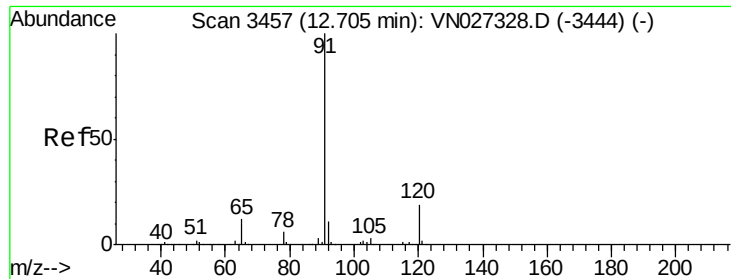
Abundance Ion 155.80 (155.50 to 156.50): VN027328.D (-3423) (-)

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

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

Time-->





#79

n-propylbenzene

Concen: 49.44 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

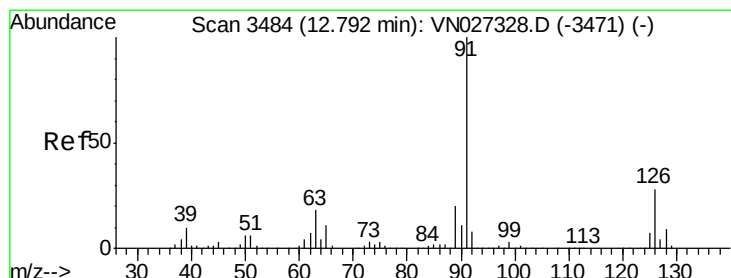
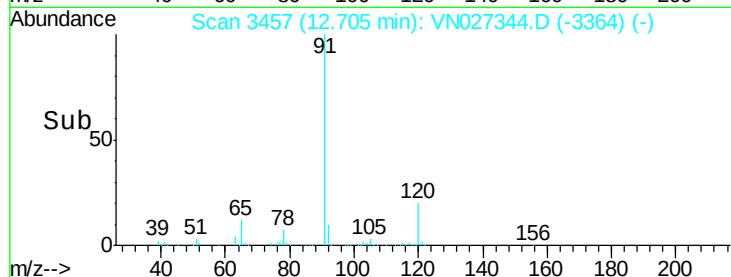
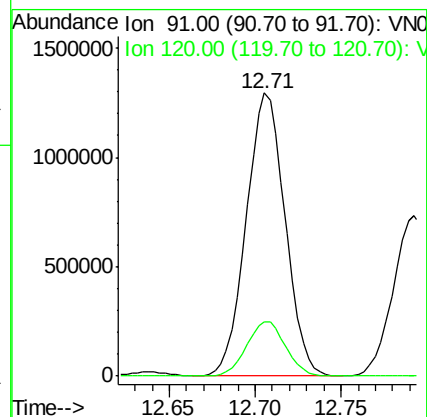
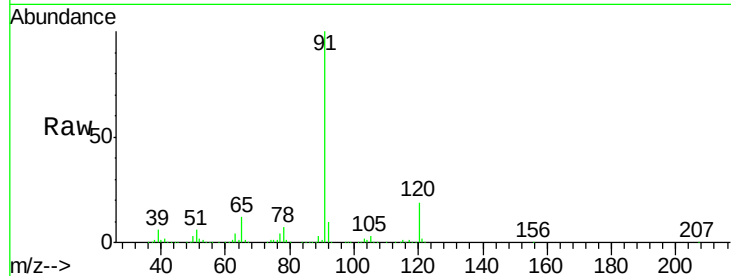
VSTDCCC050

Tgt Ion: 91 Resp: 2024921

Ion Ratio Lower Upper

91 100

120 19.5 10.3 30.8



#80

2-Chlorotoluene

Concen: 48.14 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027344.D

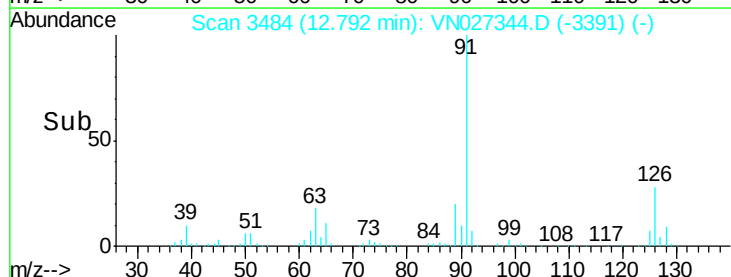
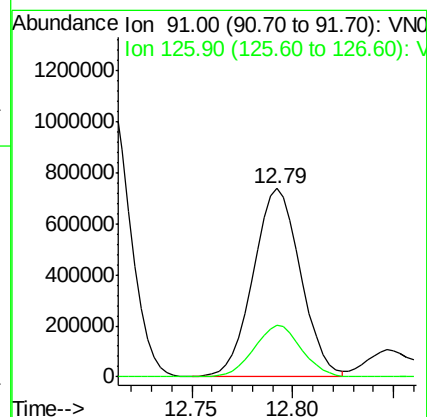
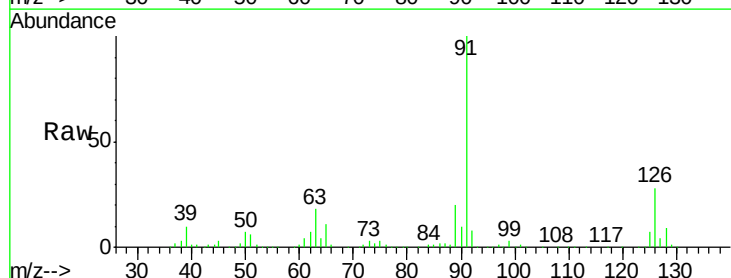
Acq: 21 Sep 2015 21:54

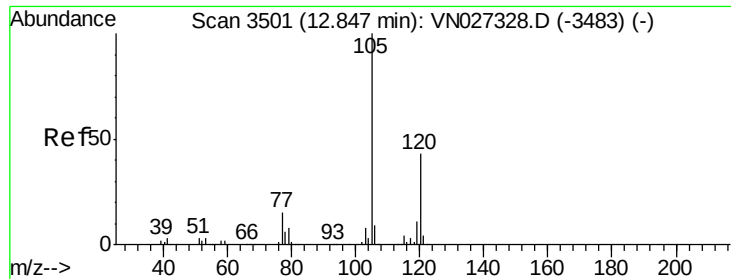
Tgt Ion: 91 Resp: 1205343

Ion Ratio Lower Upper

91 100

126 27.5 15.2 45.5

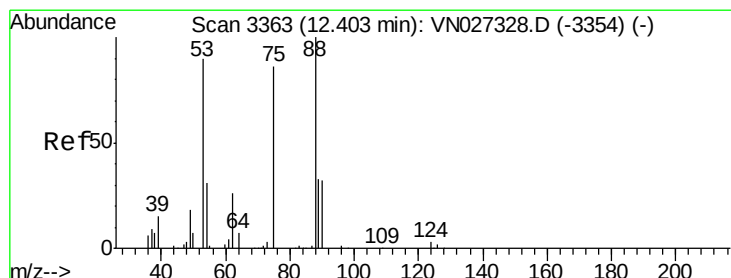
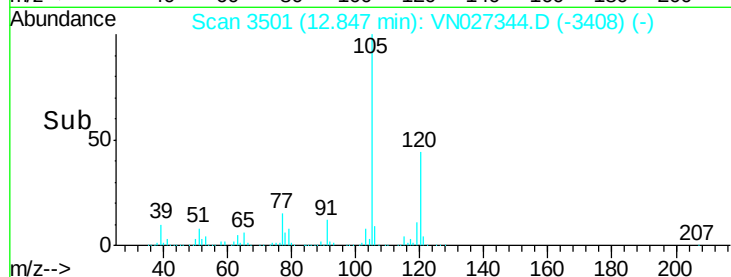
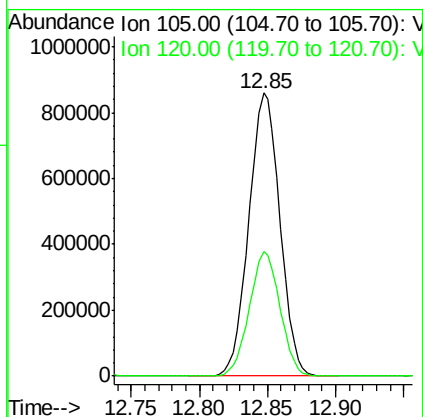
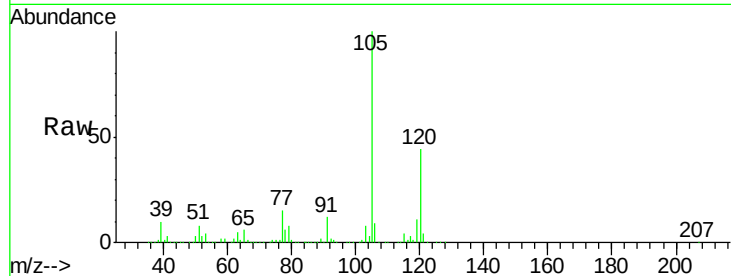




#81
 1,3,5-Trimethylbenzene
 Concen: 48.82 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

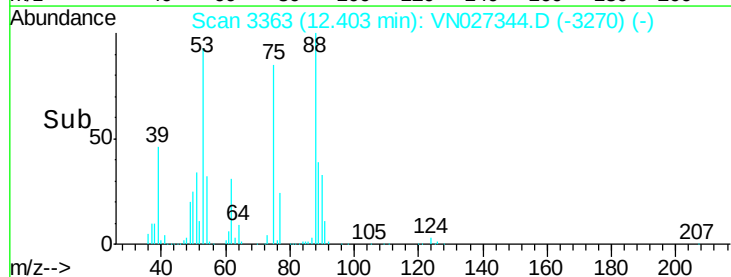
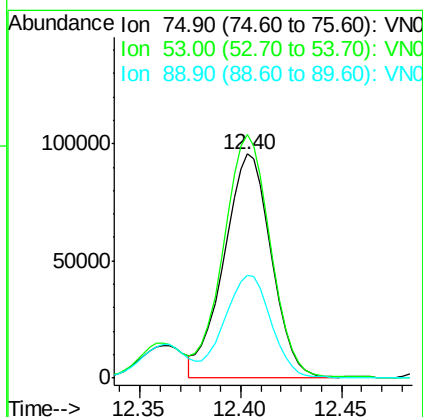
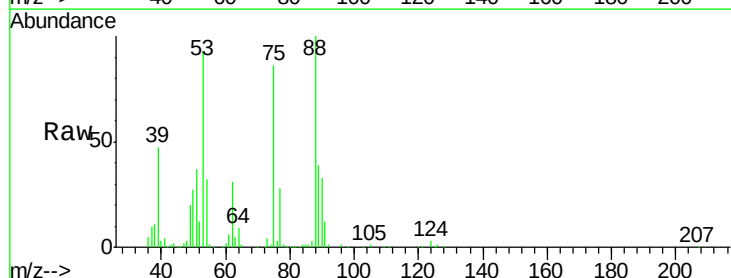
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

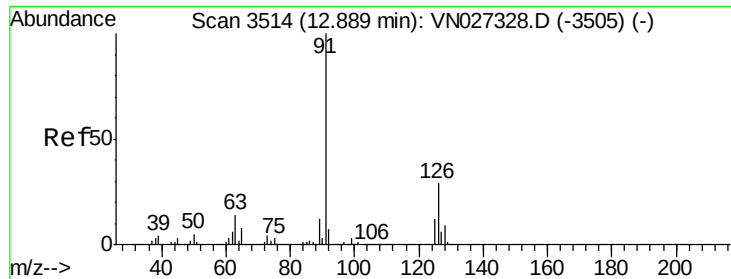
Tgt Ion: 105 Resp: 1355353
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 46.43 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 75 Resp: 155848
 Ion Ratio Lower Upper
 75 100
 53 107.4 92.9 139.3
 89 45.9 34.2 51.4





#83

4-Chlorotoluene

Concen: 49.33 ug/l

RT: 12.89 min Scan# 3514

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

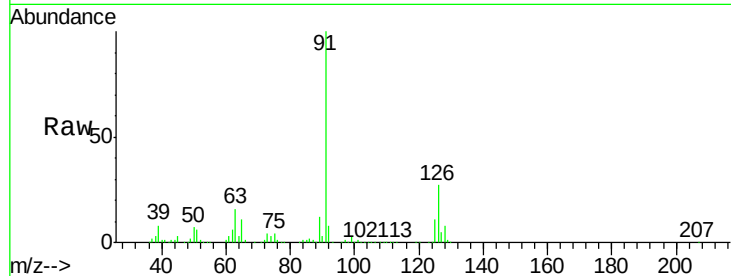
VSTDCCC050

Tgt Ion: 91 Resp: 1205443

Ion Ratio Lower Upper

91 100

126 26.9 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VN027328.D (-3505) (-)

Ion 125.90 (125.60 to 126.60): VN027328.D (-3505) (-)

12.89

800000

600000

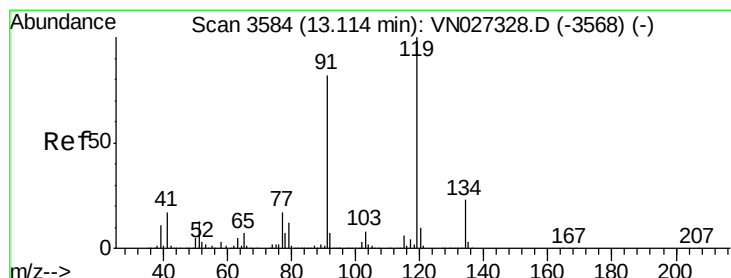
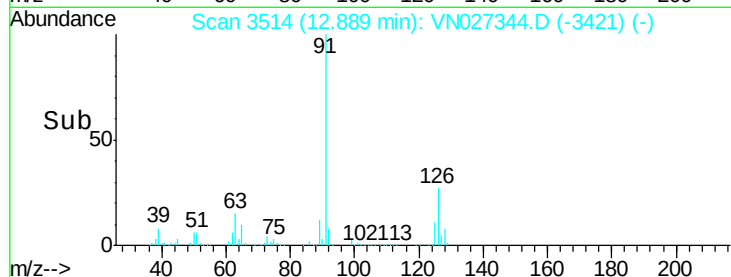
400000

200000

0

12.85 12.90 12.95

Time-->



#84

tert-Butylbenzene

Concen: 49.77 ug/l

RT: 13.11 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

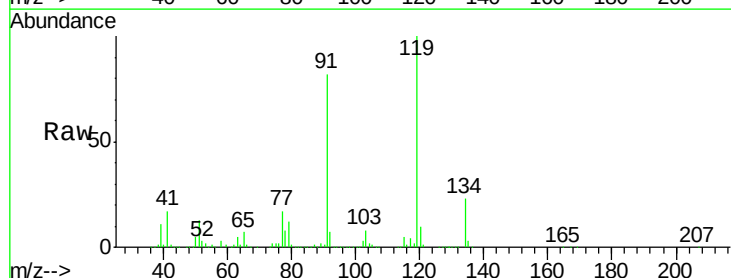
Tgt Ion: 119 Resp: 1114010

Ion Ratio Lower Upper

119 100

91 80.5 34.6 103.8

134 22.3 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): VN027328.D (-3568) (-)

Ion 91.00 (90.70 to 91.70): VN027328.D (-3568) (-)

Ion 134.00 (133.70 to 134.70): VN027328.D (-3568) (-)

13.11

800000

600000

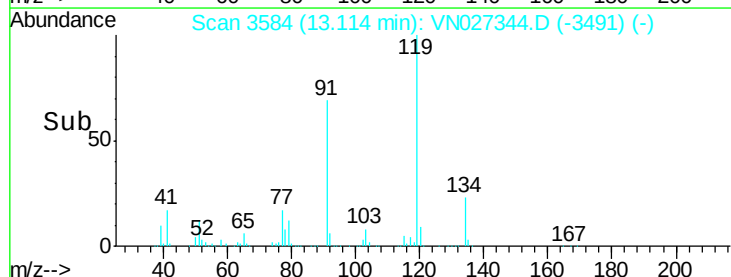
400000

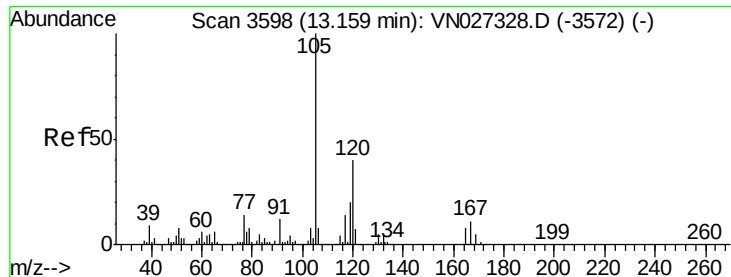
200000

0

13.05 13.10 13.15

Time-->





#85

1,2,4-Trimethylbenzene

Concen: 49.99 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

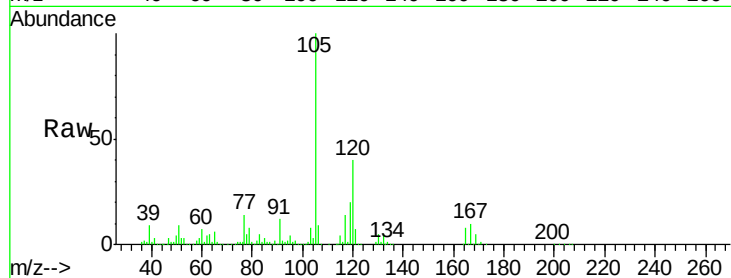
VSTDCCC050

Tgt Ion:105 Resp: 1380166

Ion Ratio Lower Upper

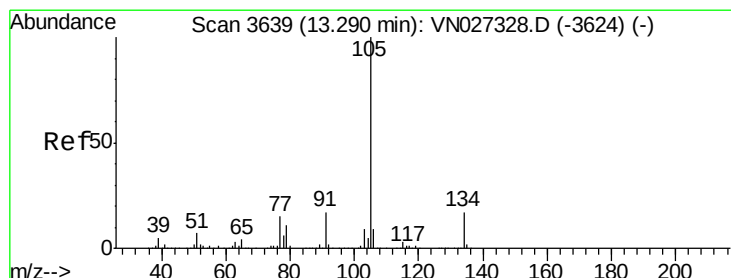
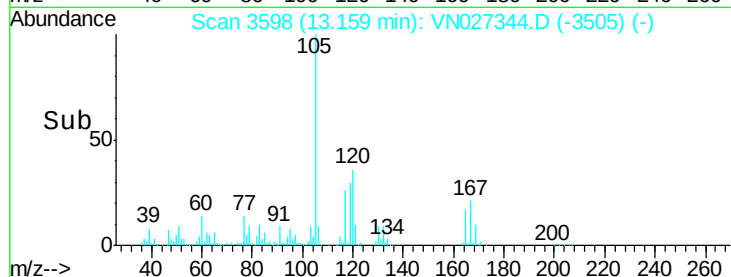
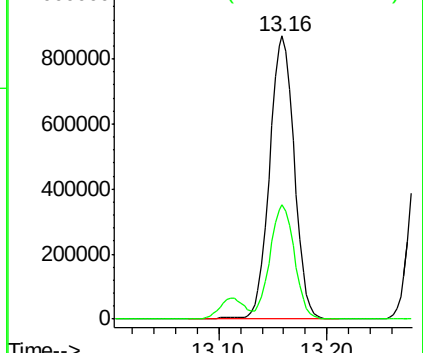
105 100

120 40.1 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: 50.04 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027344.D

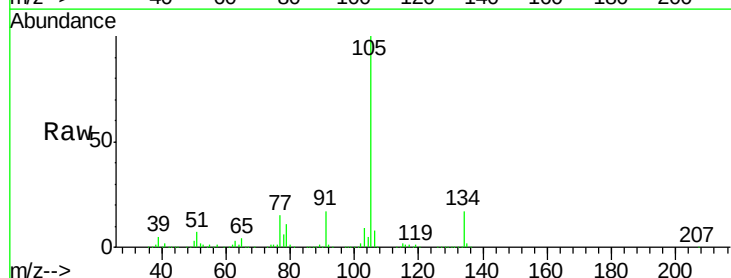
Acq: 21 Sep 2015 21:54

Tgt Ion:105 Resp: 1668475

Ion Ratio Lower Upper

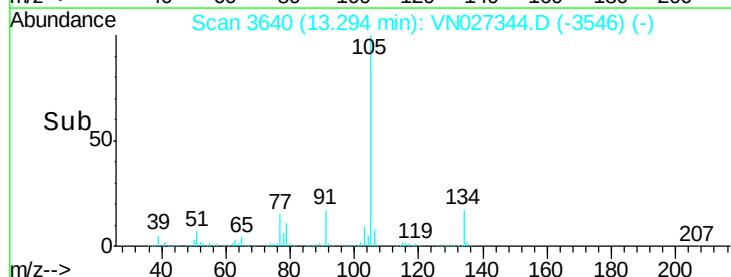
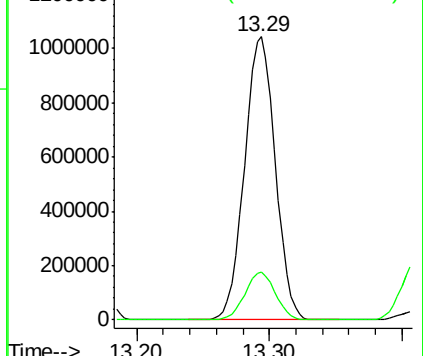
105 100

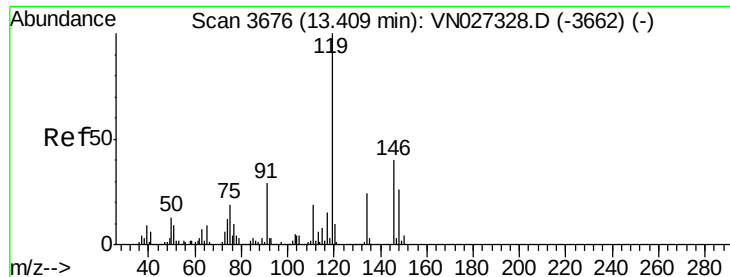
134 16.8 8.8 26.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

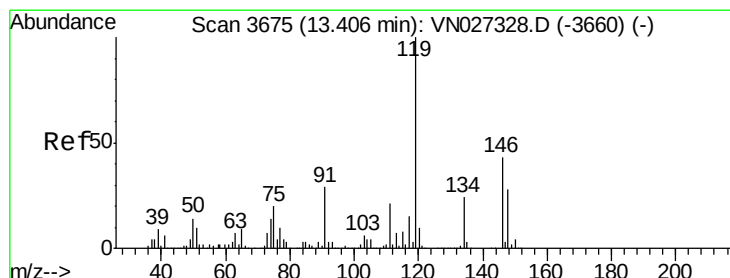
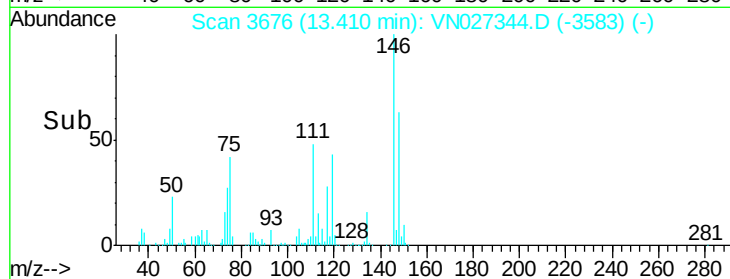
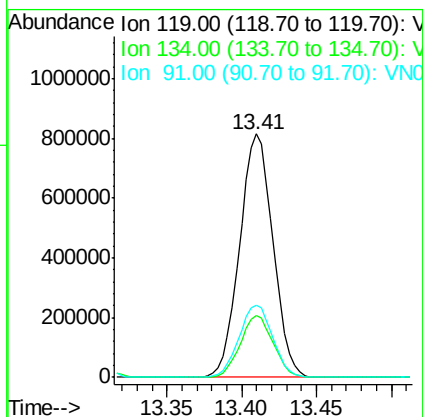
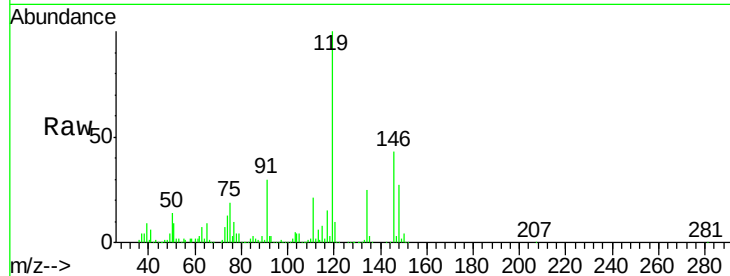




#87
 p-Isopropyltoluene
 Concen: 50.29 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

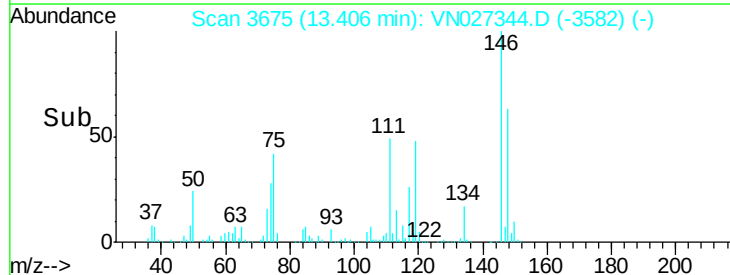
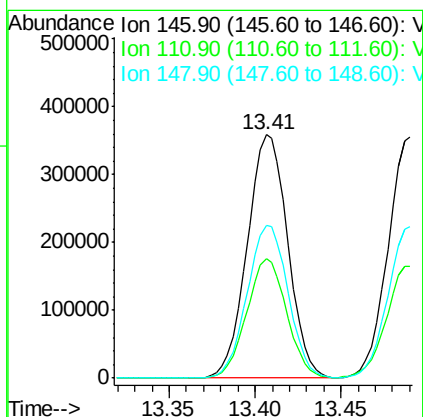
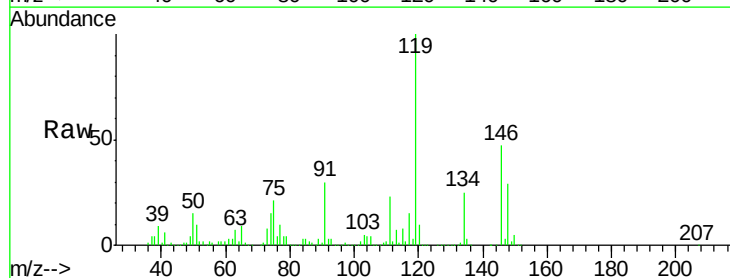
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

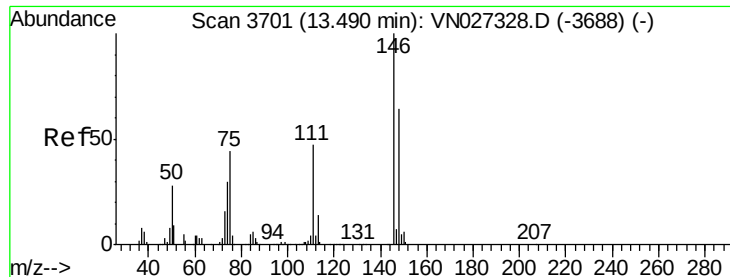
Tgt Ion:119 Resp: 1257134
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.4 37.0
 91 30.1 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 50.46 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion:146 Resp: 585053
 Ion Ratio Lower Upper
 146 100
 111 48.7 21.0 63.0
 148 63.6 31.9 95.9

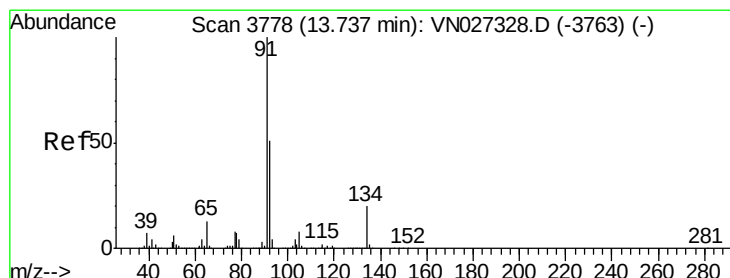
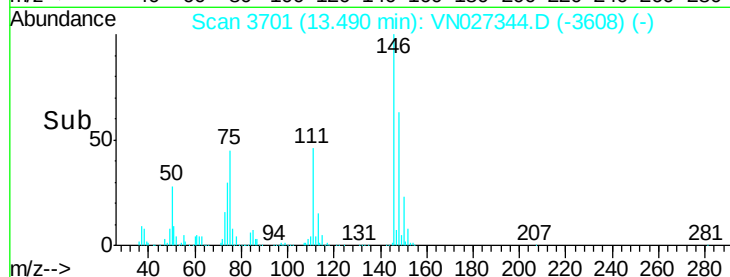
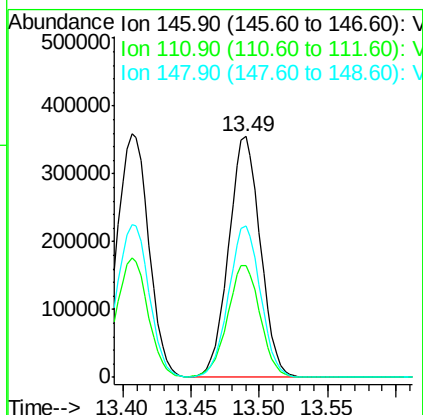
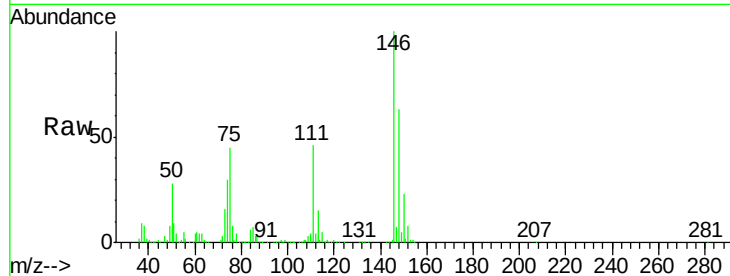




#89
 1,4-Dichlorobenzene
 Concen: 48.73 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

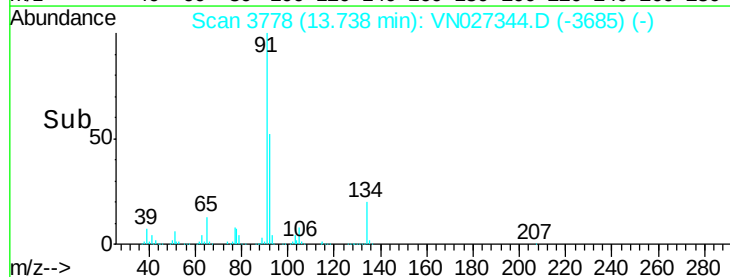
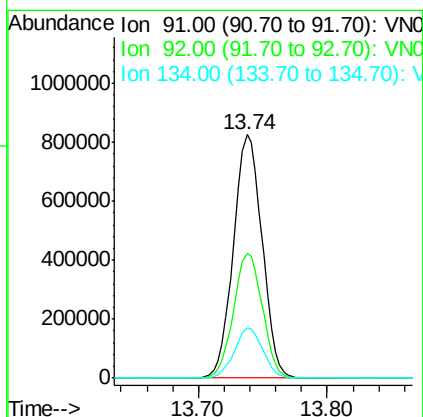
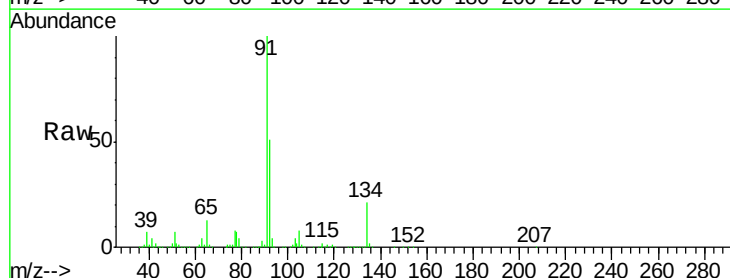
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

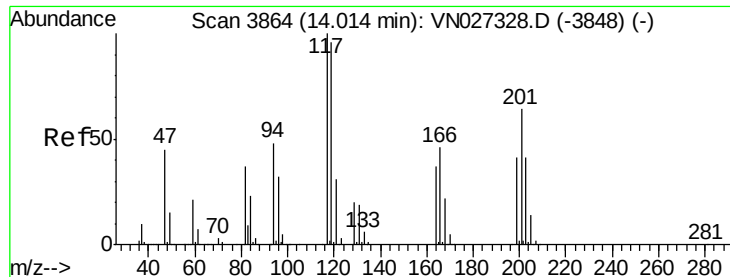
Tgt Ion:146 Resp: 571776
 Ion Ratio Lower Upper
 146 100
 111 47.6 19.9 59.6
 148 63.5 31.7 95.1



#90
 n-Butylbenzene
 Concen: 51.10 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 91 Resp: 1275671
 Ion Ratio Lower Upper
 91 100
 92 51.6 26.1 78.2
 134 20.5 11.1 33.1





#91

Hexachloroethane

Concen: 47.92 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

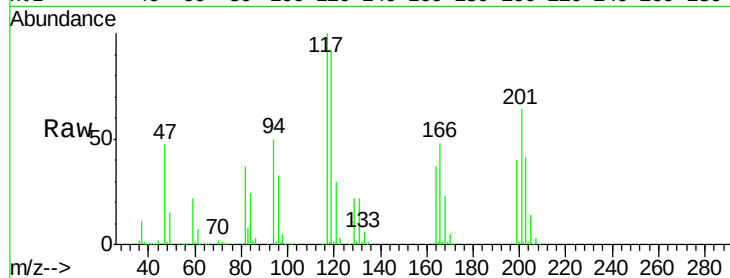
VSTDCCC050

Tgt Ion:117 Resp: 256156

Ion Ratio Lower Upper

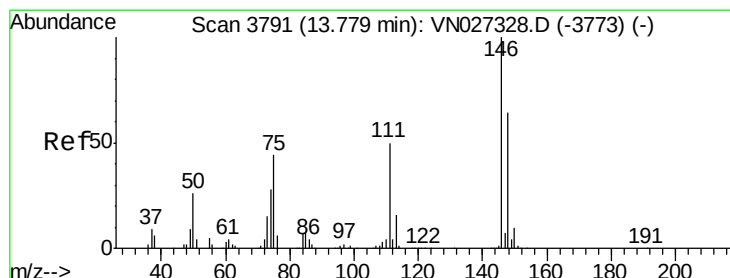
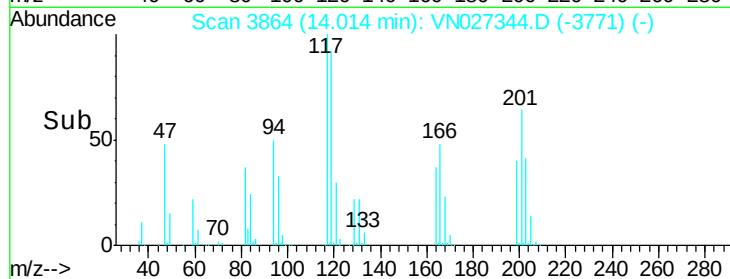
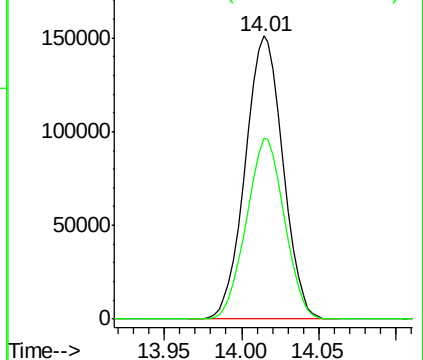
117 100

201 64.3 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: 50.12 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

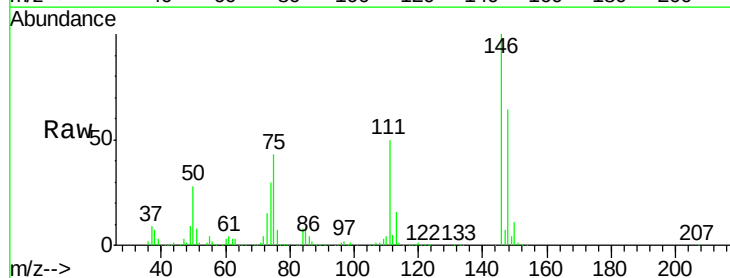
Tgt Ion:146 Resp: 580611

Ion Ratio Lower Upper

146 100

111 49.7 22.1 66.3

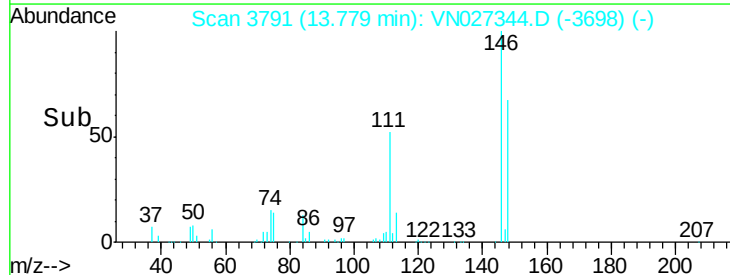
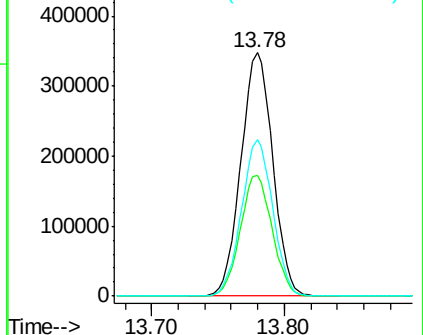
148 63.1 32.0 96.0

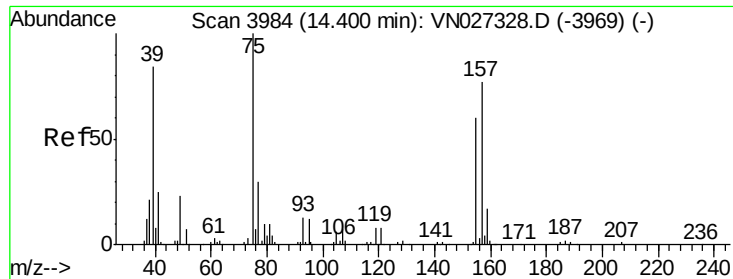


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

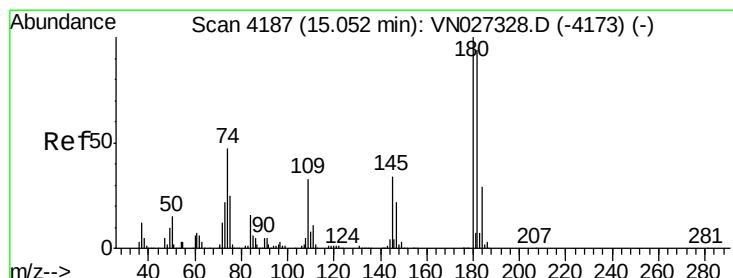
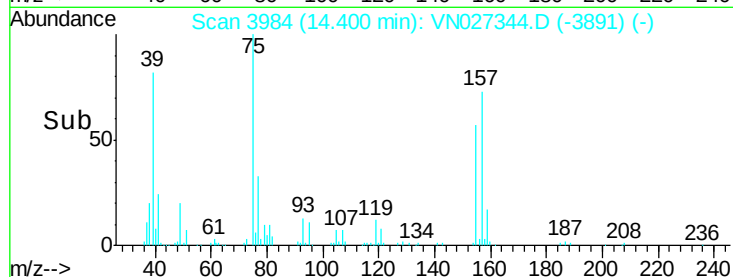
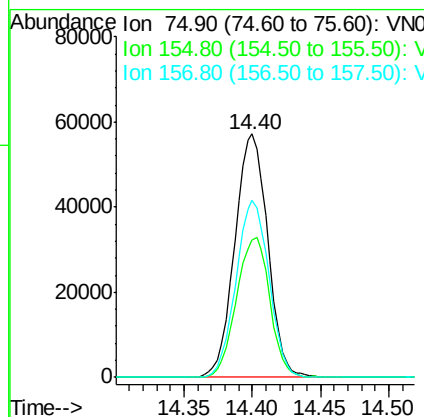
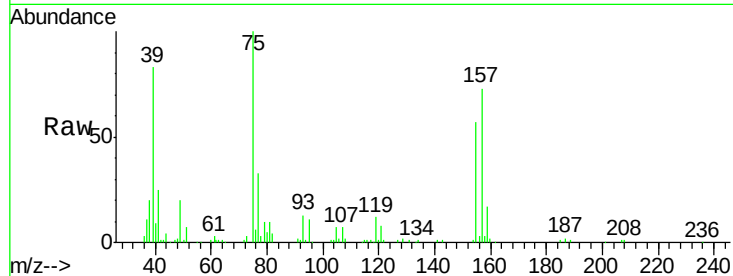




#93
 1,2-Dibromo-3-Chloropropane
 Concen: 50.60 ug/l
 RT: 14.40 min Scan# 3984
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

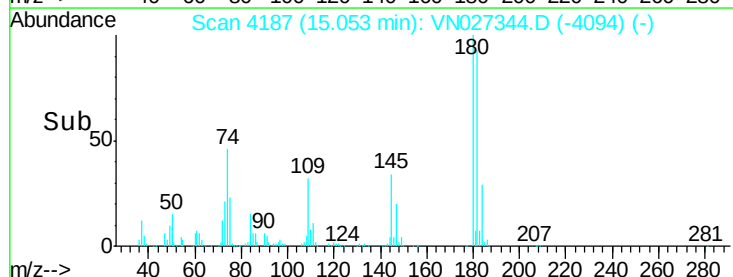
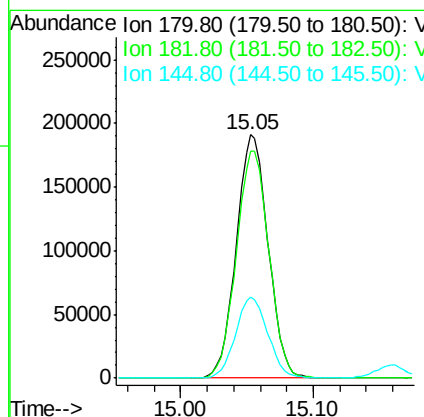
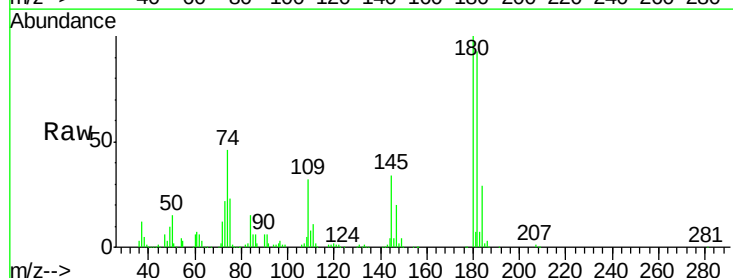
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

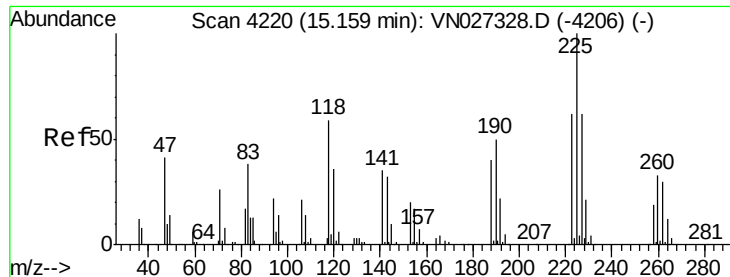
Tgt Ion: 75 Resp: 95865
 Ion Ratio Lower Upper
 75 100
 155 58.0 35.6 106.9
 157 72.6 44.6 133.8



#94
 1,2,4-Trichlorobenzene
 Concen: 53.25 ug/l
 RT: 15.05 min Scan# 4187
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Tgt Ion: 180 Resp: 318802
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.5
 145 33.7 15.1 45.3





#95

Hexachlorobutadiene

Concen: 47.77 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

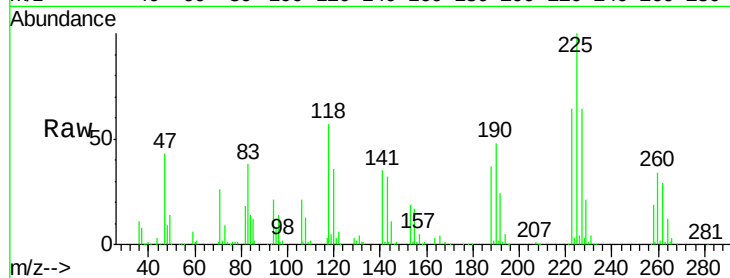
Tgt Ion:225 Resp: 156701

Ion Ratio Lower Upper

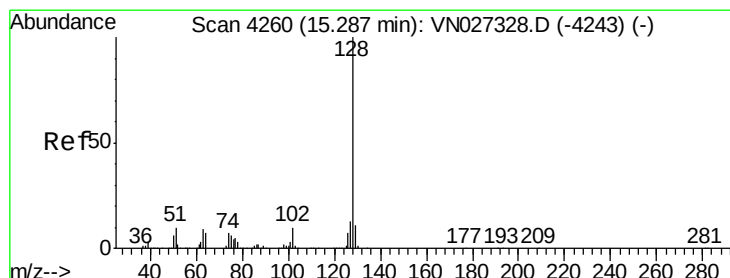
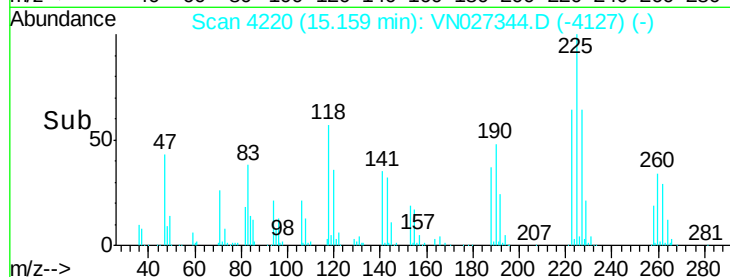
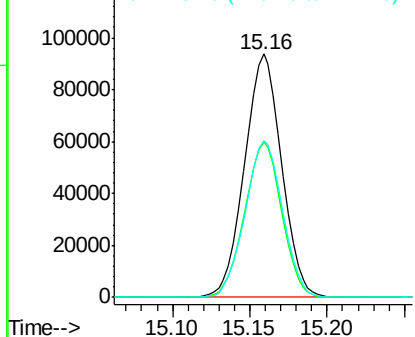
225 100

223 63.6 30.8 92.3

227 65.0 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 47.89 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027344.D

Acq: 21 Sep 2015 21:54

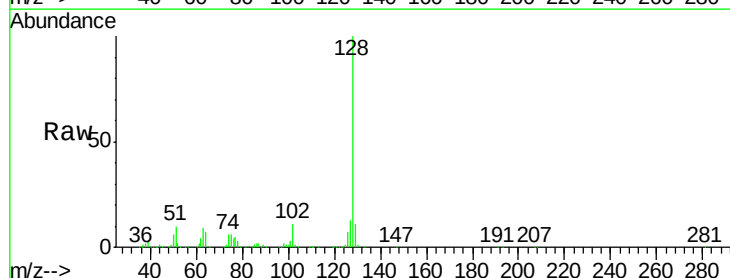
Tgt Ion:128 Resp: 875173

Ion Ratio Lower Upper

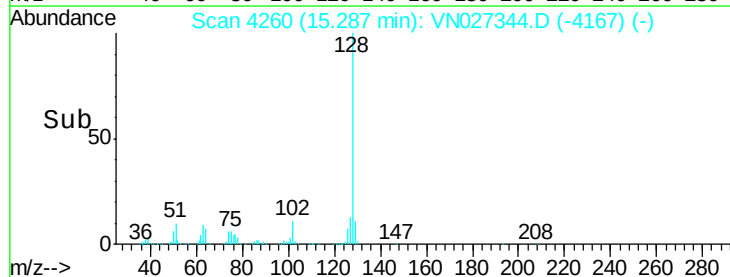
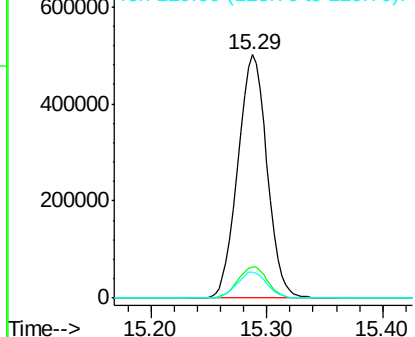
128 100

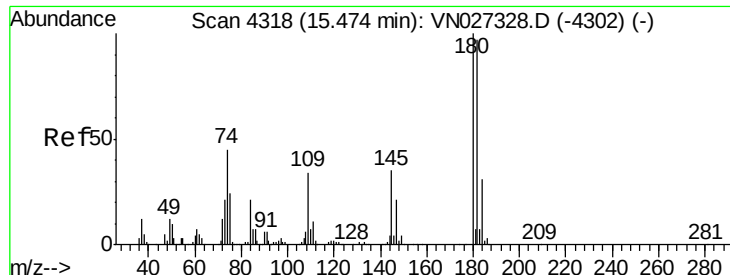
127 13.2 10.4 15.6

129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 52.72 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027344.D
 Acq: 21 Sep 2015 21:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.8	146.4
145	35.1	16.6	49.8

