

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027243.D
 Acq On : 17 Sep 2015 9:31
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 18 01:08:56 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	589946	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1081383	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	926717	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	357832	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	563436	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
36) Dibromofluoromethane	7.68	113	363221	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
51) Toluene-d8	10.19	98	1444934	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
63) 4-Bromofluorobenzene	12.52	95	516418	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	335485	47.52	ug/l	100
3) Chlorodifluoromethane	1.81	51	412434	50.49	ug/l	94
4) Chloromethane	2.01	50	365563	46.32	ug/l	99
5) Vinyl Chloride	2.14	62	395822	47.48	ug/l	97
6) Bromomethane	2.54	94	146289	36.20	ug/l	99
7) Chloroethane	2.68	64	259865	45.85	ug/l	100
8) Trichlorofluoromethane	3.02	101	612382	48.63	ug/l	99
9) Diethyl Ether	3.42	74	267021	46.08	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	395742	50.03	ug/l	97
11) Methyl Iodide	3.99	142	284609	37.02	ug/l	93
12) Tert butyl alcohol	4.80	59	254244	215.10	ug/l	99
13) 1,1-Dichloroethene	3.77	96	365752	48.29	ug/l	97
14) Acrolein	3.61	56	388399	279.72	ug/l	96
15) Allyl chloride	4.37	41	713900	46.66	ug/l	# 83
16) Acrylonitrile	5.02	53	921836	238.49	ug/l	98
17) Acetone	3.82	43	987842	303.11	ug/l	96
18) Carbon Disulfide	4.11	76	1118846	45.36	ug/l	99
19) Methyl Acetate	4.36	43	1116070	47.28	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	1409879	46.36	ug/l	97
21) Methylene Chloride	4.60	84	442197	48.71	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	390229	47.63	ug/l	97
23) Diisopropyl ether	6.03	45	1521568	47.40	ug/l	# 89
24) Vinyl Acetate	5.97	43	2590557	243.83	ug/l	98
25) 1,1-Dichloroethane	5.93	63	873274	46.83	ug/l	99
26) 2-Butanone	6.91	43	1237312	252.12	ug/l	97
27) 2,2-Dichloropropane	6.92	77	785556	48.55	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	459636	48.91	ug/l	95
29) Bromochloromethane	7.29	49	329769	45.56	ug/l	96
30) Tetrahydrofuran	7.31	42	727619	215.13	ug/l	91
31) Chloroform	7.46	83	830201	49.27	ug/l	99
32) Cyclohexane	7.77	56	841767	50.72	ug/l	94
33) 1,1,1-Trichloroethane	7.67	97	726615	48.37	ug/l	96
37) 1,1-Dichloropropene	7.89	75	638149	50.41	ug/l	98
38) Ethyl Acetate	7.01	43	526170	48.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	590231	49.60	ug/l	98
40) Methylcyclohexane	9.19	83	792209	51.39	ug/l	97
41) Benzene	8.14	78	1832515	49.62	ug/l	100
42) Methacrylonitrile	7.24	41	291714	47.67	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	717889	48.25	ug/l	96
44) Isopropyl Acetate	8.25	43	957618	47.34	ug/l	98
45) Trichloroethene	8.93	130	375108	50.56	ug/l	89
46) 1,2-Dichloropropane	9.21	63	509697	47.97	ug/l	99
47) Dibromomethane	9.31	93	300299	48.13	ug/l	94
48) Bromodichloromethane	9.49	83	639032	48.60	ug/l	99
49) Methyl methacrylate	9.29	41	469289	46.56	ug/l #	87
50) 1,4-Dioxane	9.30	88	110979	938.89	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	2456473	229.68	ug/l	99
53) Toluene	10.26	92	1080438	49.94	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	712381	48.25	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	771323	48.02	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	398860	49.06	ug/l	98
57) Ethyl methacrylate	10.52	69	655646	47.85	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	742574	49.20	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1676028	266.41	ug/l	98
60) 2-Hexanone	10.84	43	1743609	239.45	ug/l	100
61) Dibromochloromethane	11.00	129	398252	47.96	ug/l	99
62) 1,2-Dibromoethane	11.11	107	389471	48.75	ug/l	99
65) Tetrachloroethene	10.74	164	298436	50.36	ug/l	96
66) Chlorobenzene	11.54	112	1078289	49.29	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	362344	48.55	ug/l	99
68) Ethyl Benzene	11.62	91	2078868	50.11	ug/l	99
69) m/p-Xylenes	11.73	106	1447951	101.16	ug/l	91
70) o-Xylene	12.06	106	715747	49.88	ug/l	93
71) Styrene	12.07	104	1185811	51.19	ug/l	96
72) Bromoform	12.24	173	243794	46.98	ug/l #	100
74) Isopropylbenzene	12.36	105	1931849	48.99	ug/l	99
75) N-amyl acetate	12.17	43	801169	45.53	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	517195	50.87	ug/l	100
77) 1,2,3-Trichloropropane	12.66	75	741092	68.53	ug/l	54
78) Bromobenzene	12.64	156	373733	48.33	ug/l	94
79) n-propylbenzene	12.71	91	2349112	50.64	ug/l	98
80) 2-Chlorotoluene	12.79	91	1382641	49.63	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1580103	49.88	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	193929	44.05	ug/l	92
83) 4-Chlorotoluene	12.89	91	1395998	51.00	ug/l	96
84) tert-Butylbenzene	13.11	119	1267249	48.49	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	1570046	49.35	ug/l	95
86) sec-Butylbenzene	13.29	105	1923204	50.23	ug/l	99
87) p-Isopropyltoluene	13.41	119	1486664	50.41	ug/l	95
88) 1,3-Dichlorobenzene	13.41	146	670807	50.70	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	664365	49.57	ug/l	95
90) n-Butylbenzene	13.74	91	1528012	53.39	ug/l	99
91) Hexachloroethane	14.01	117	301808	46.76	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	652357	49.89	ug/l	97

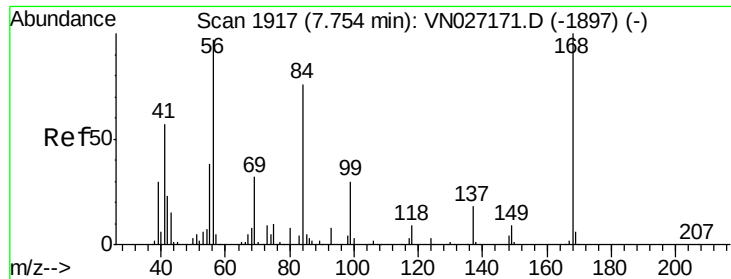
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	102448	45.36	ug/l	89
94) 1,2,4-Trichlorobenzene	15.05	180	373309	52.85	ug/l	98
95) Hexachlorobutadiene	15.16	225	193954	52.13	ug/l	99
96) Naphthalene	15.29	128	1023679	49.43	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	362050	51.56	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

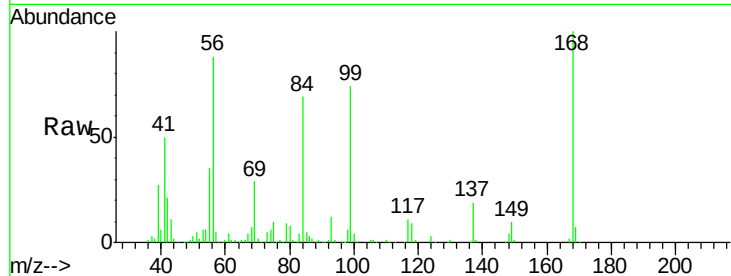
VSTDCCC050

Tgt Ion:168 Resp: 589946

Ion Ratio Lower Upper

168 100

99 73.5 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

250000

200000

150000

100000

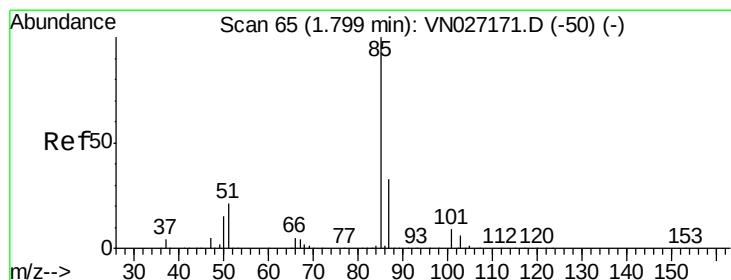
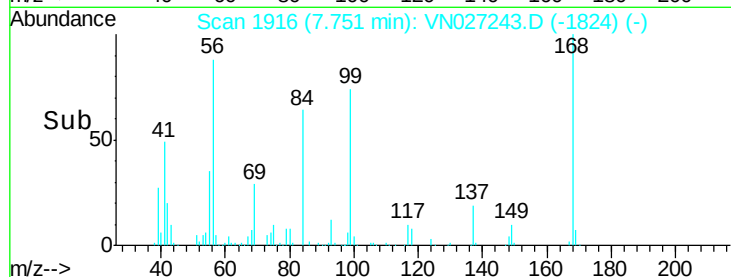
50000

0

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.52 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027243.D

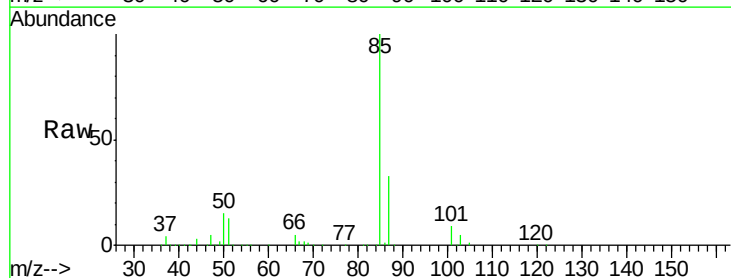
Acq: 17 Sep 2015 9:31

Tgt Ion: 85 Resp: 335485

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.80

250000

200000

150000

100000

50000

0

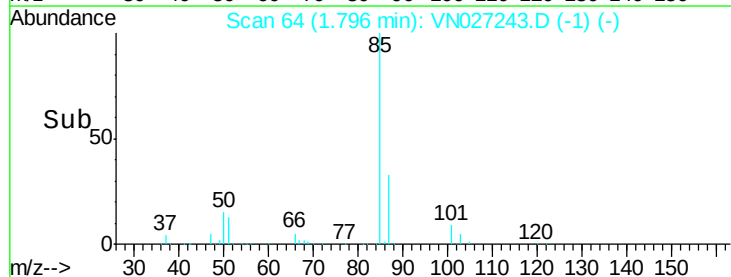
1.75

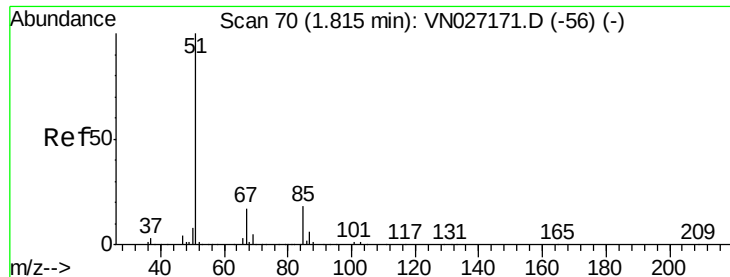
1.80

1.85

1.90

Time-->





#3

Chlorodifluoromethane

Concen: 50.49 ug/l

RT: 1.81 min Scan# 69

Delta R.T. -0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

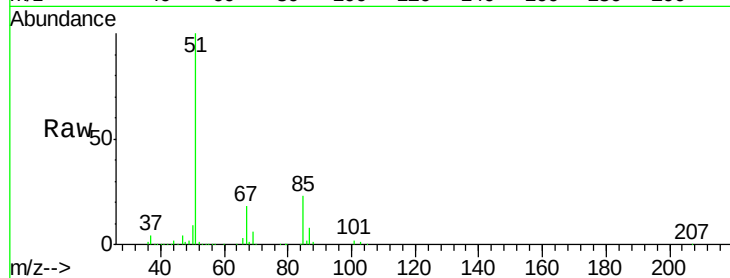
VSTDCCC050

Tgt Ion: 51 Resp: 412434

Ion Ratio Lower Upper

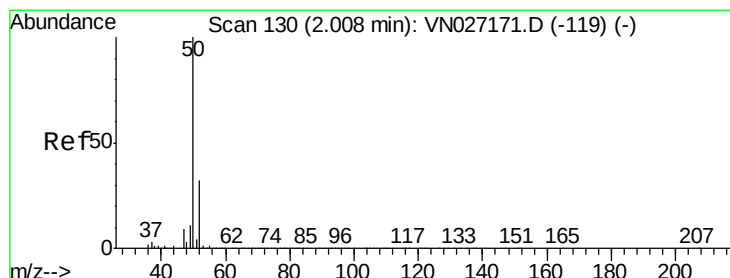
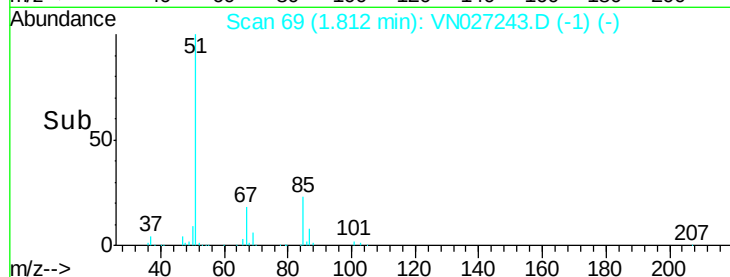
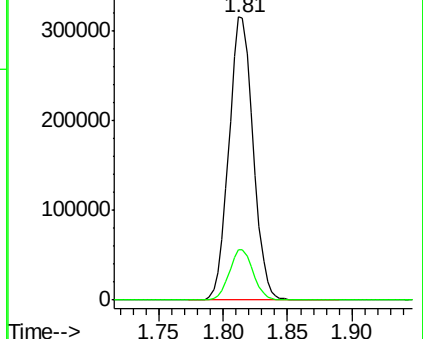
51 100

67 17.7 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: 46.32 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027243.D

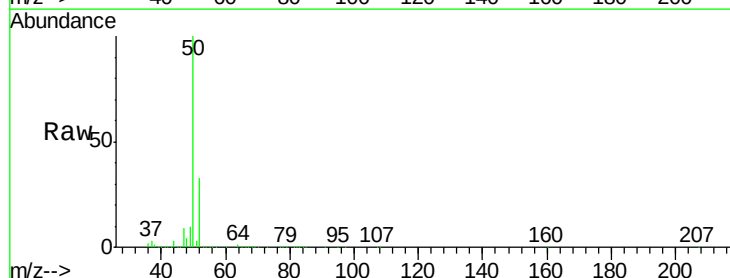
Acq: 17 Sep 2015 9:31

Tgt Ion: 50 Resp: 365563

Ion Ratio Lower Upper

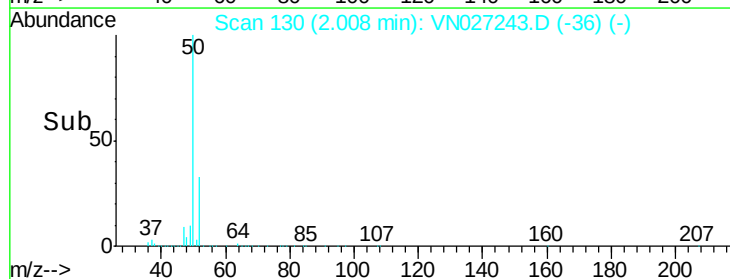
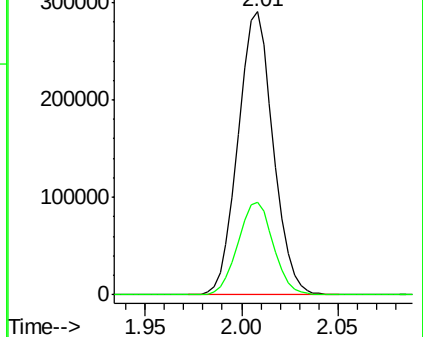
50 100

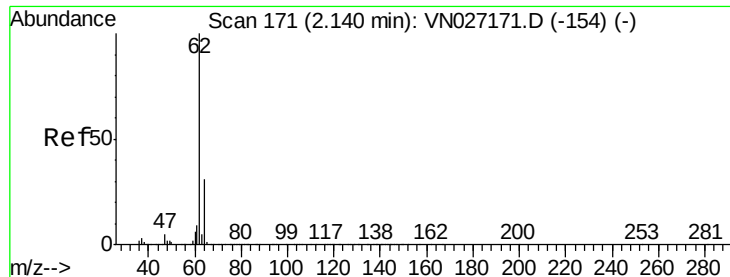
52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 47.48 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

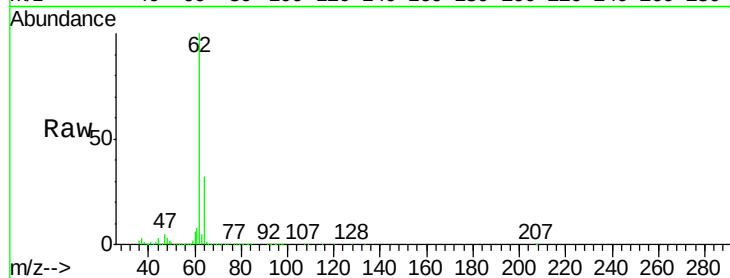
VSTDCCC050

Tgt Ion: 62 Resp: 395822

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.14

300000

250000

200000

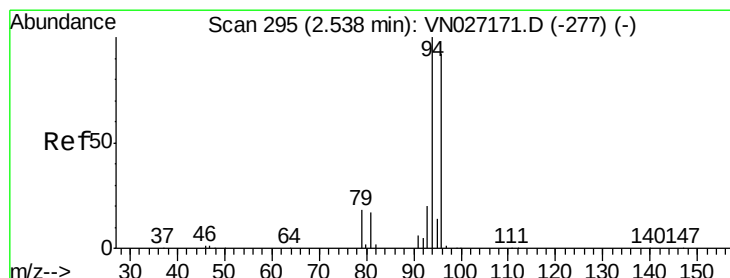
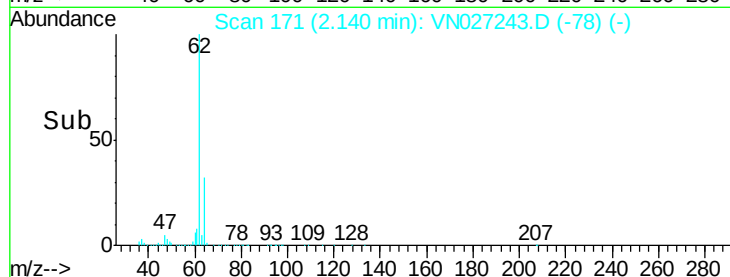
150000

100000

50000

0

Time--> 2.05 2.10 2.15 2.20



#6

Bromomethane

Concen: 36.20 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VN027243.D

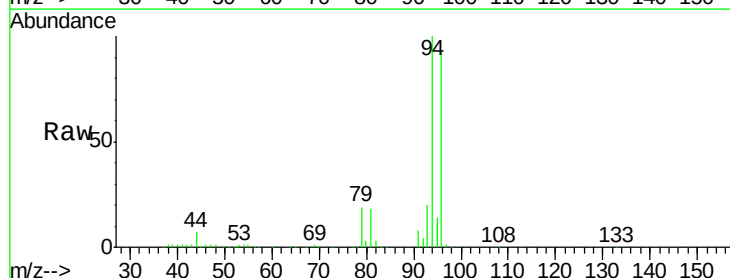
Acq: 17 Sep 2015 9:31

Tgt Ion: 94 Resp: 146289

Ion Ratio Lower Upper

94 100

96 92.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

80000

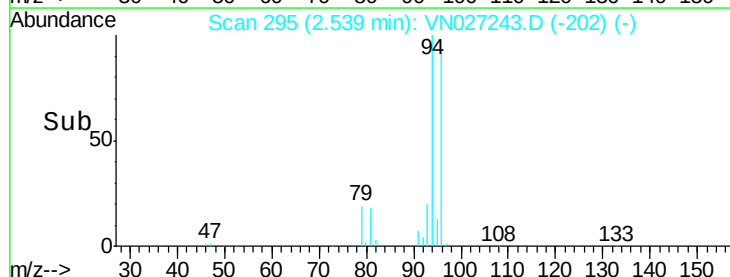
60000

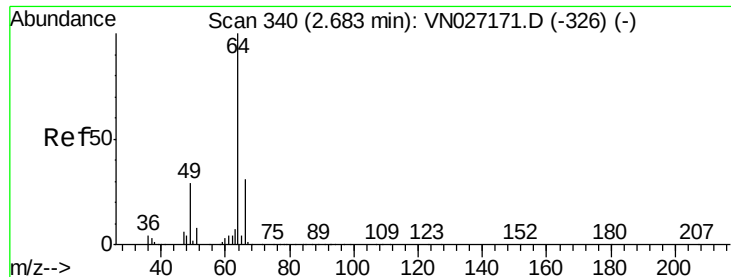
40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65





#7

Chloroethane

Concen: 45.85 ug/l

RT: 2.68 min Scan# 340

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

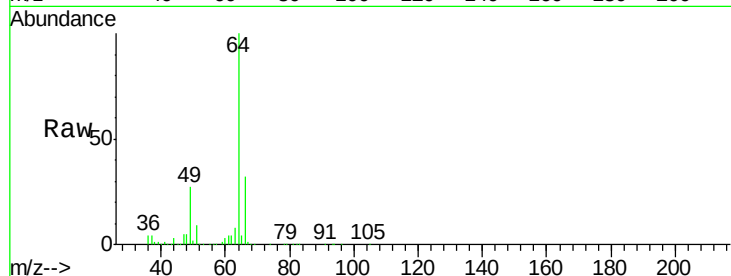
VSTDCCC050

Tgt Ion: 64 Resp: 259865

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN027171.D (-326) (-)

Ion 65.90 (65.60 to 66.60): VN027171.D (-326) (-)

2.68

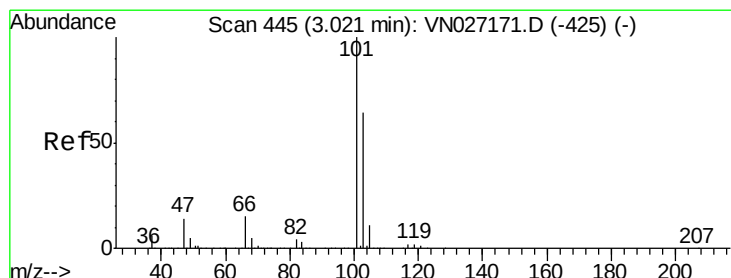
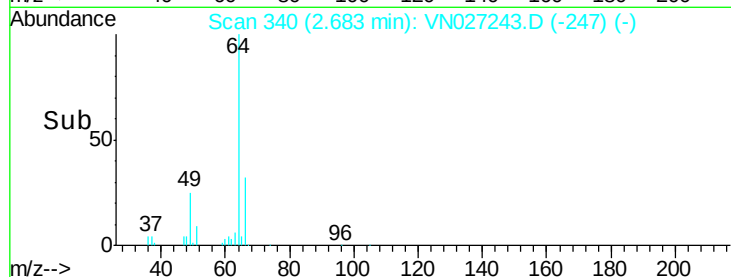
150000

100000

50000

0

Time-->



#8

Trichlorofluoromethane

Concen: 48.63 ug/l

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027243.D

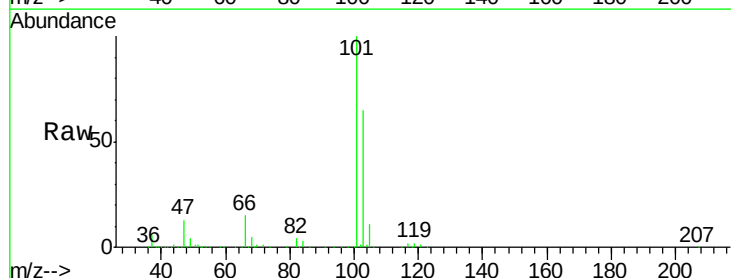
Acq: 17 Sep 2015 9:31

Tgt Ion: 101 Resp: 612382

Ion Ratio Lower Upper

101 100

103 65.3 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): VN027171.D (-425) (-)

Ion 102.80 (102.50 to 103.50): VN027171.D (-425) (-)

3.02

300000

250000

200000

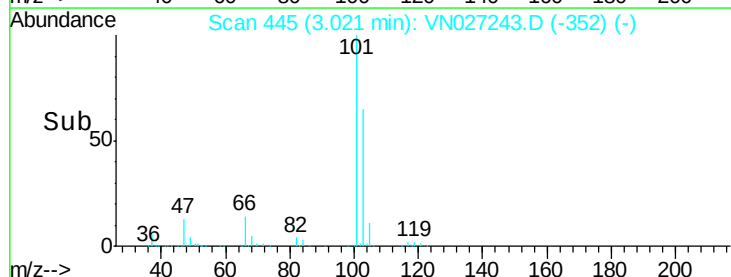
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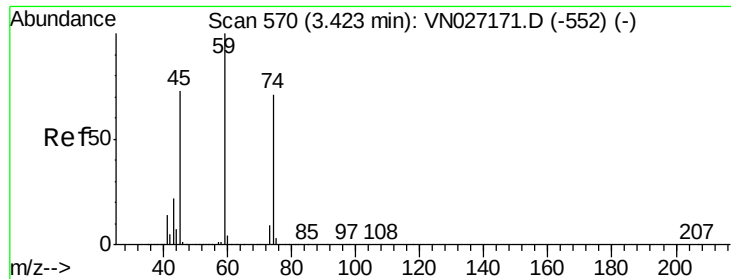
100000

50000

0

Time-->





#9

Diethyl Ether

Concen: 46.08 ug/l

RT: 3.42 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

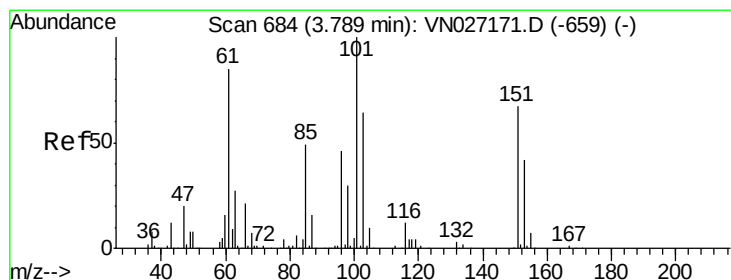
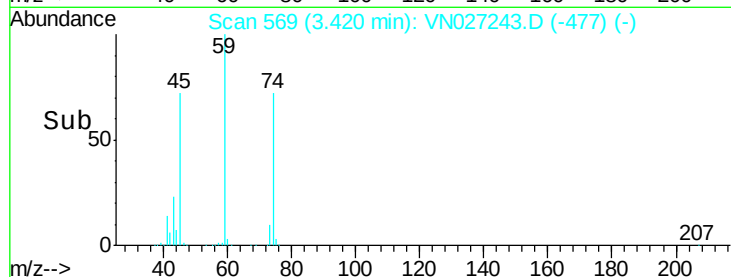
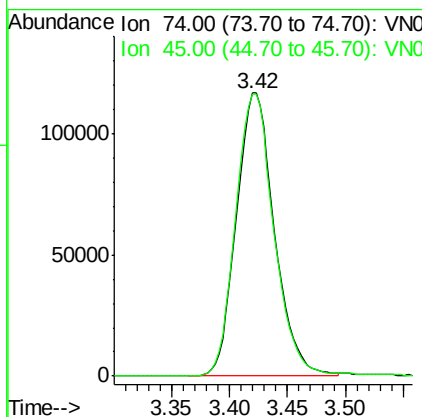
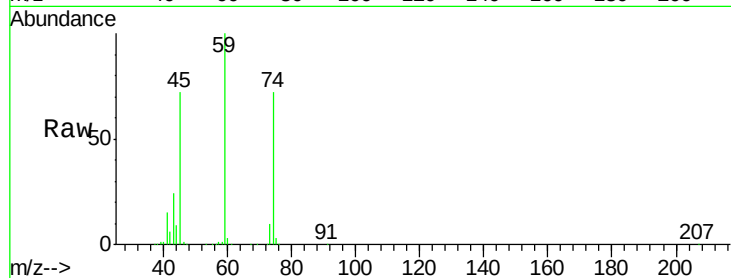
VSTDCCC050

Tgt Ion: 74 Resp: 267021

Ion Ratio Lower Upper

74 100

45 99.7 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 50.03 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

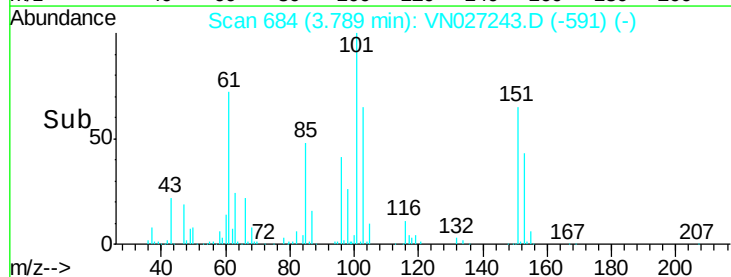
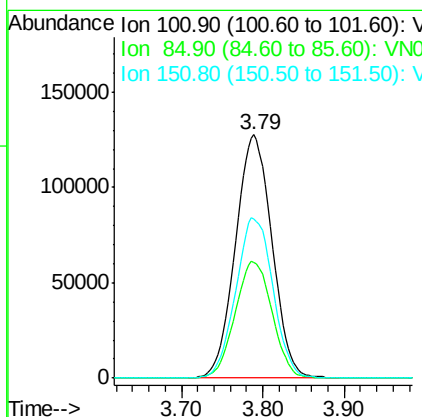
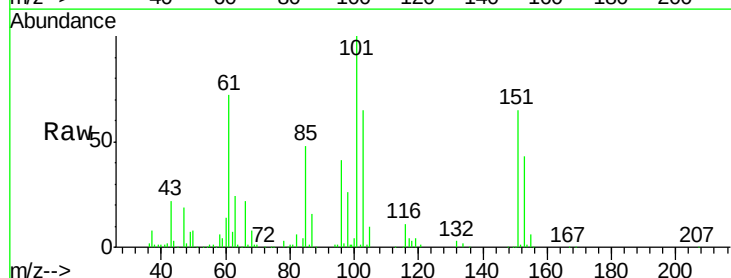
Tgt Ion: 101 Resp: 395742

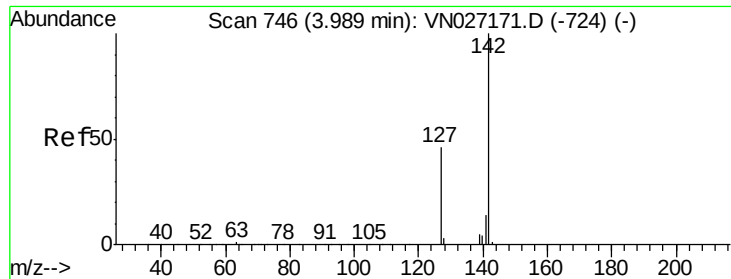
Ion Ratio Lower Upper

101 100

85 48.6 37.4 56.0

151 67.1 55.9 83.9

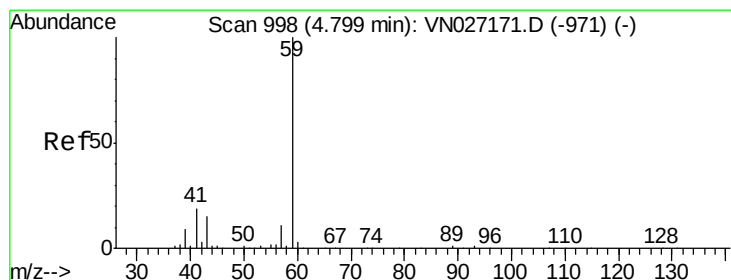
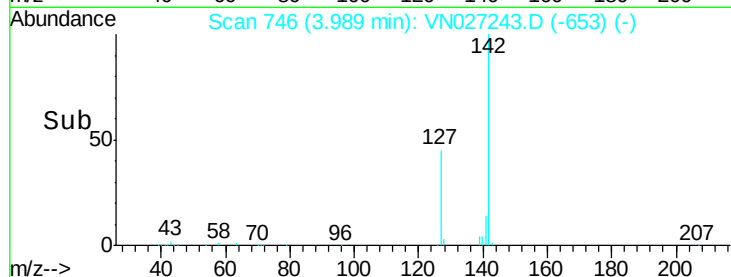
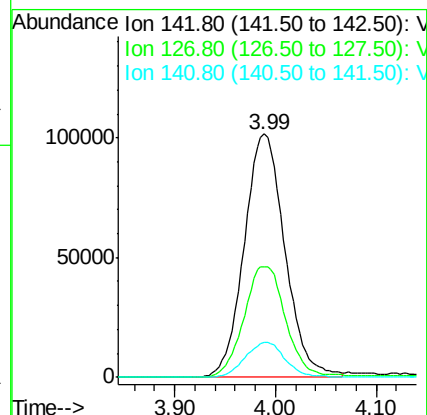
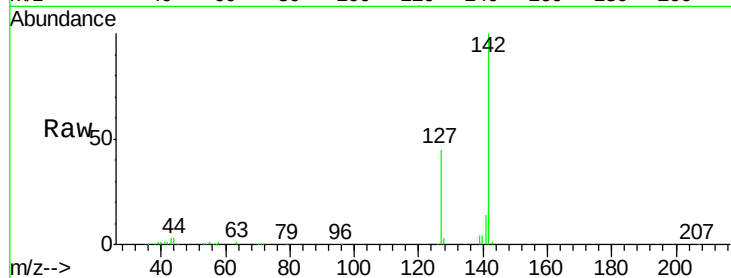




#11
Methyl Iodide
Concen: 37.02 ug/l
RT: 3.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

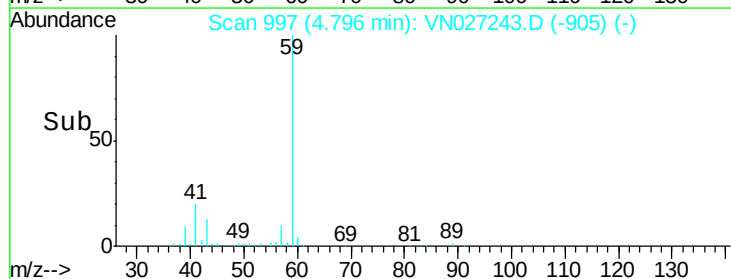
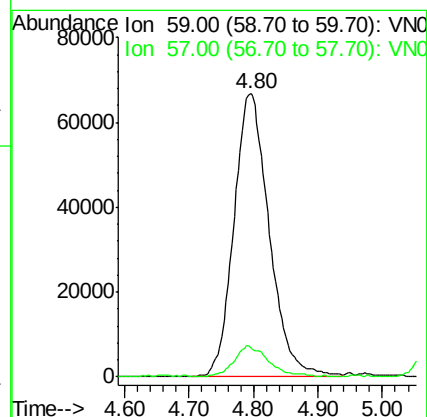
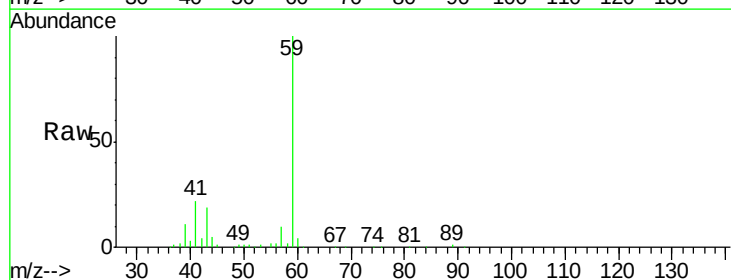
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

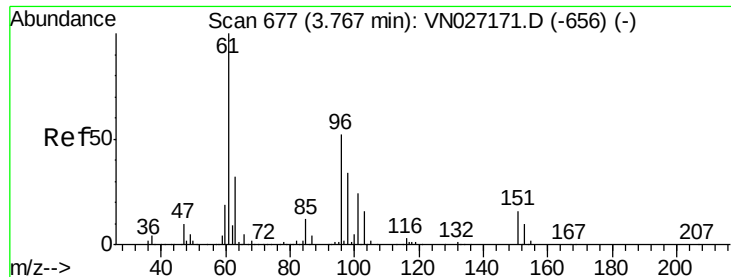
Tgt Ion: 142 Resp: 284609
Ion Ratio Lower Upper
142 100
127 46.4 32.3 48.5
141 14.3 11.2 16.8



#12
Tert butyl alcohol
Concen: 215.10 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion: 59 Resp: 254244
Ion Ratio Lower Upper
59 100
57 10.0 7.6 11.4

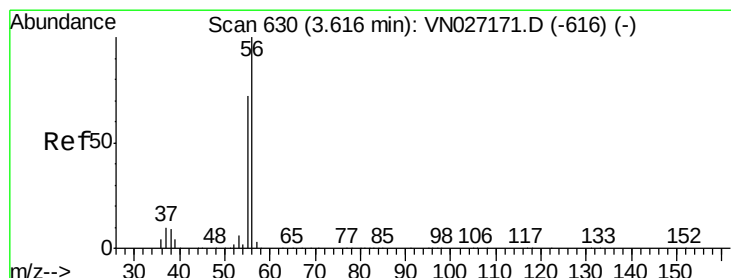
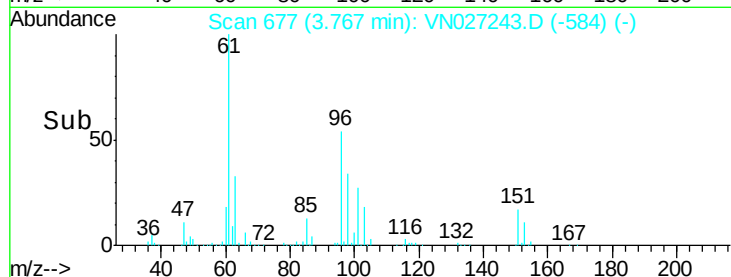
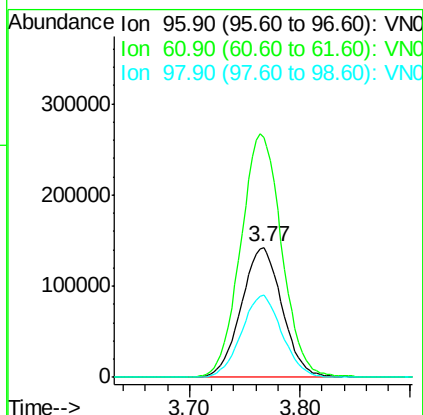
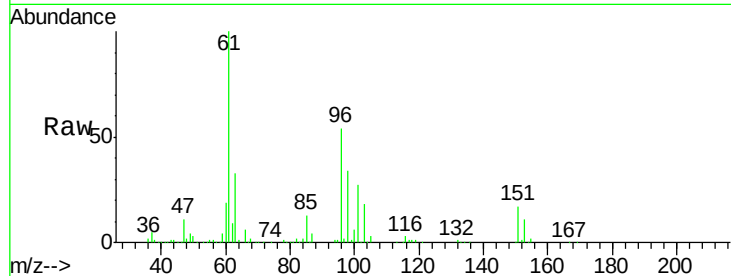




#13
 1,1-Dichloroethene
 Concen: 48.29 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

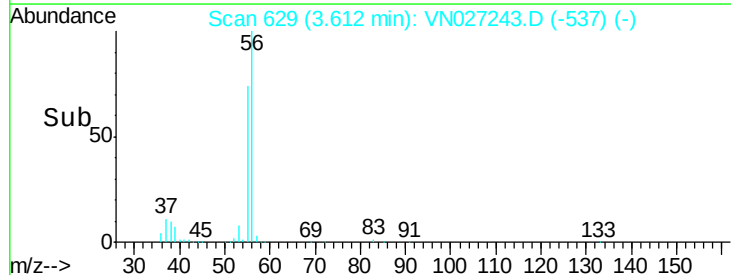
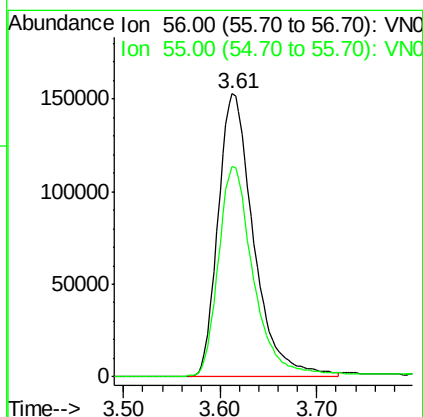
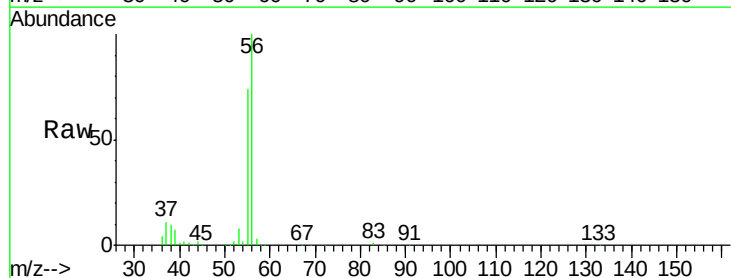
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

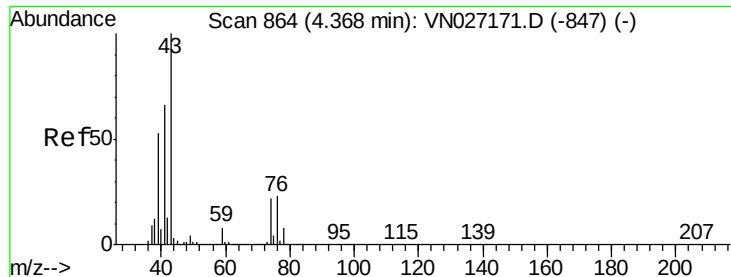
Tgt Ion: 96 Resp: 365752
 Ion Ratio Lower Upper
 96 100
 61 184.6 143.8 215.8
 98 62.8 50.3 75.5



#14
 Acrolein
 Concen: 279.72 ug/l
 RT: 3.61 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 56 Resp: 388399
 Ion Ratio Lower Upper
 56 100
 55 72.8 55.7 83.5

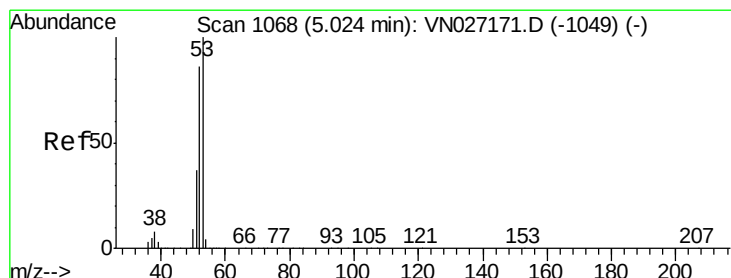
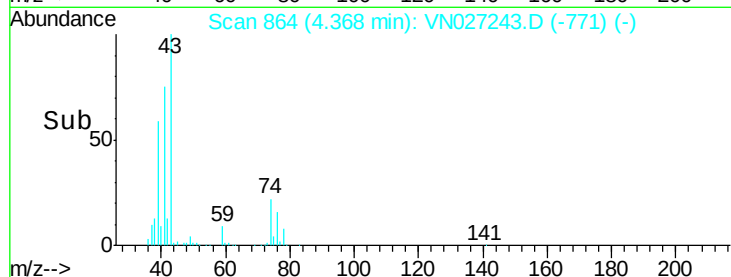
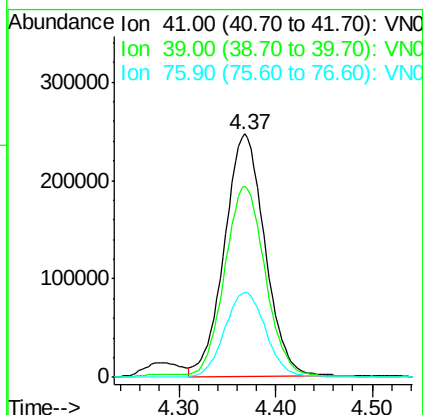
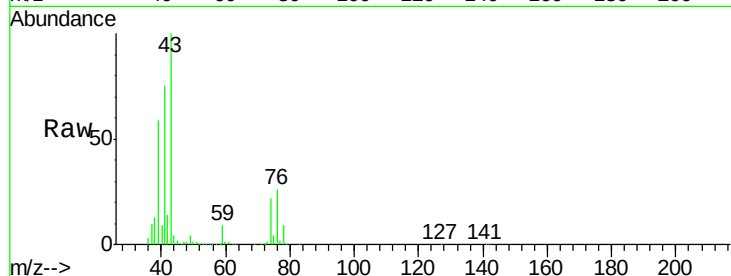




#15
 Allyl chloride
 Concen: 46.66 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

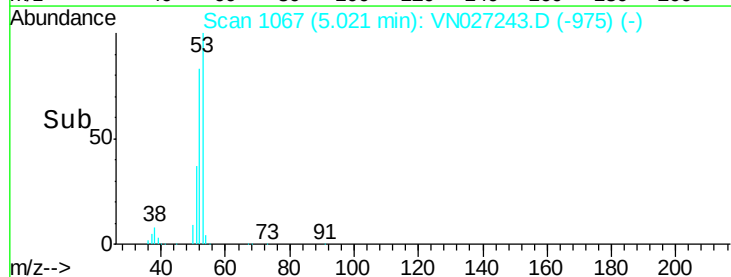
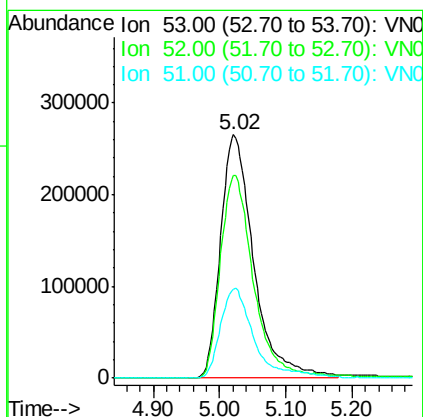
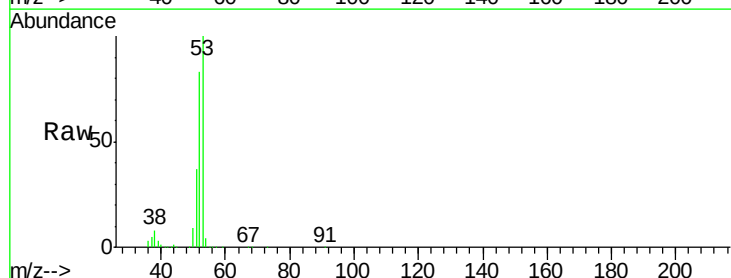
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

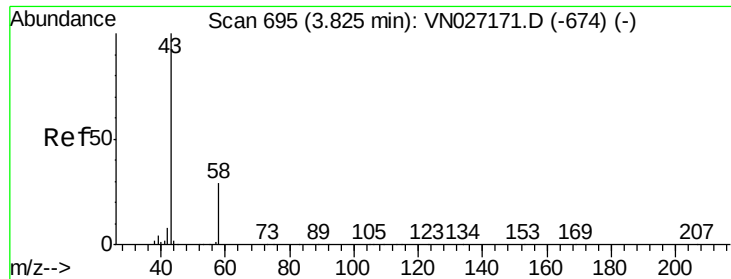
Tgt Ion: 41 Resp: 713900
 Ion Ratio Lower Upper
 41 100
 39 79.0 49.7 74.5#
 76 35.4 24.8 37.2



#16
 Acrylonitrile
 Concen: 238.49 ug/l
 RT: 5.02 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 53 Resp: 921836
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.9 100.3
 51 37.8 27.4 41.0





#17

Acetone

Concen: 303.11 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

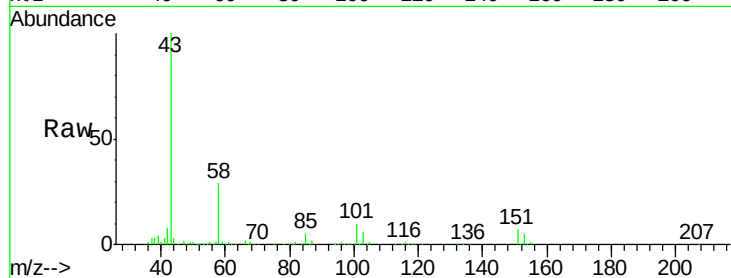
VSTDCCC050

Tgt Ion: 43 Resp: 987842

Ion Ratio Lower Upper

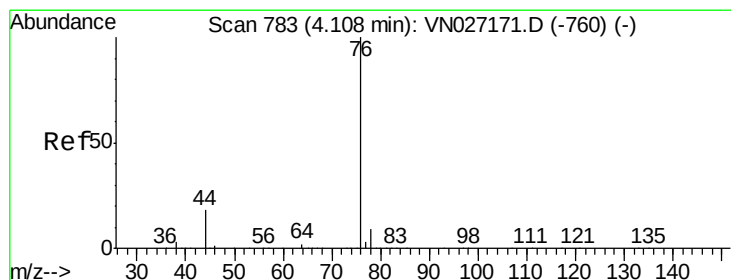
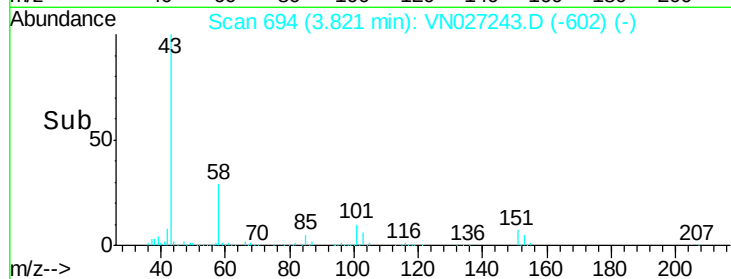
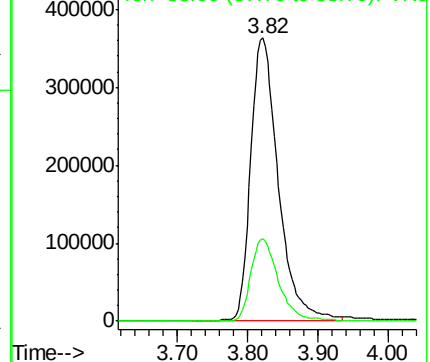
43 100

58 29.2 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: 45.36 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027243.D

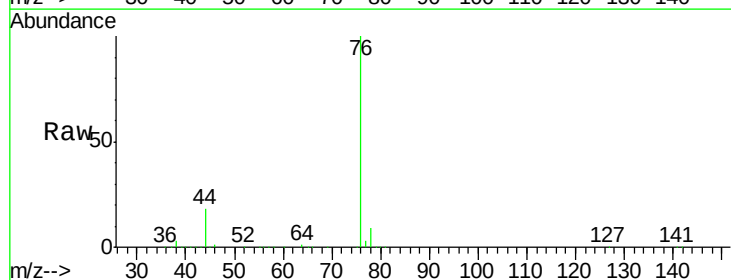
Acq: 17 Sep 2015 9:31

Tgt Ion: 76 Resp: 1118846

Ion Ratio Lower Upper

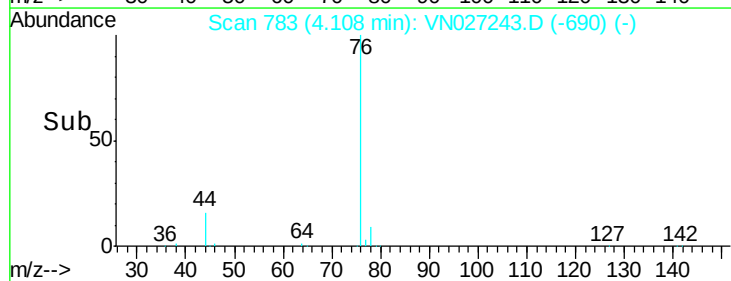
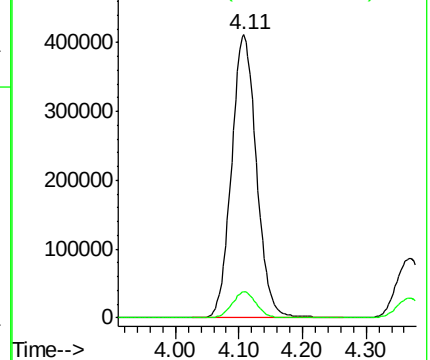
76 100

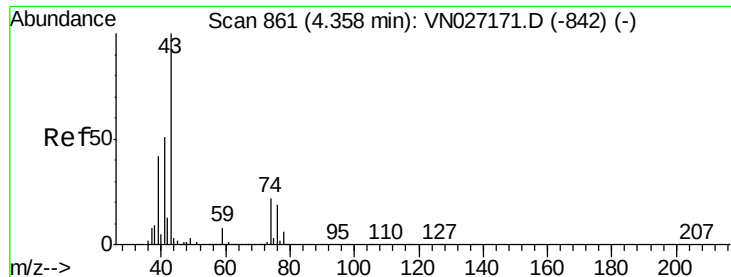
78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

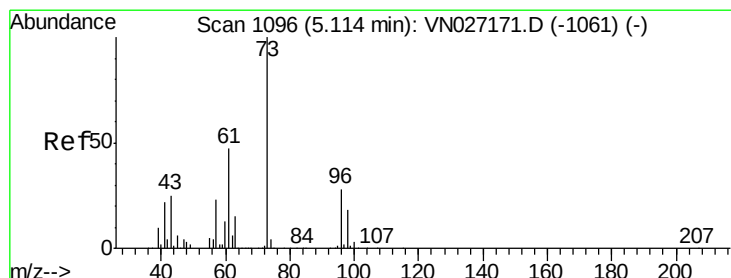
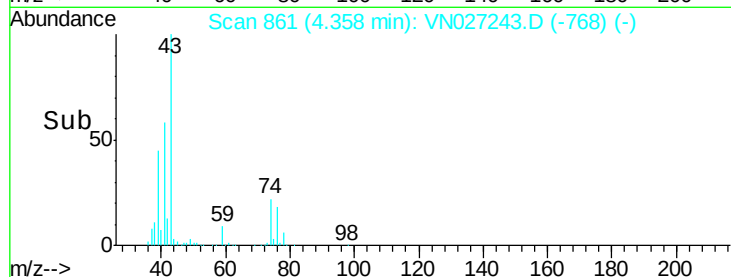
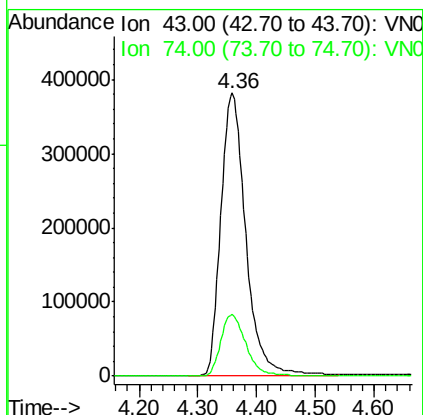
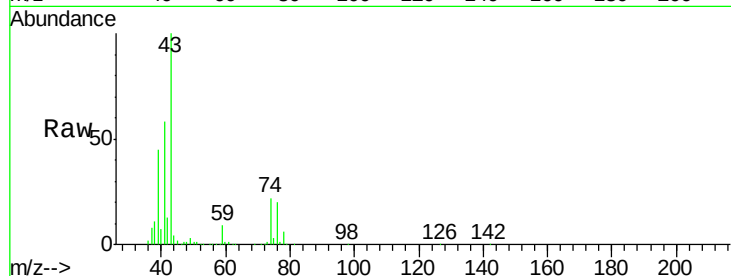




#19
Methyl Acetate
Concen: 47.28 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

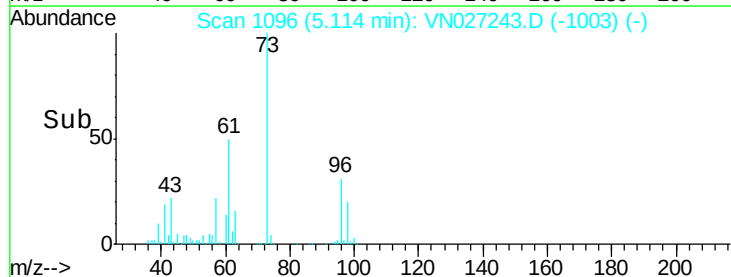
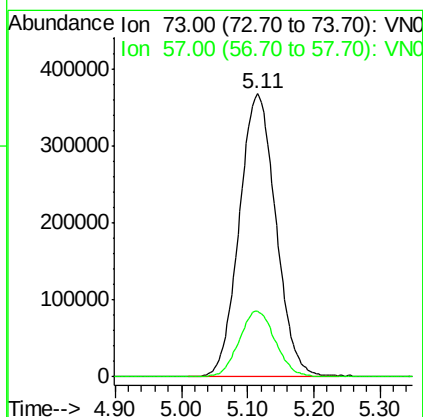
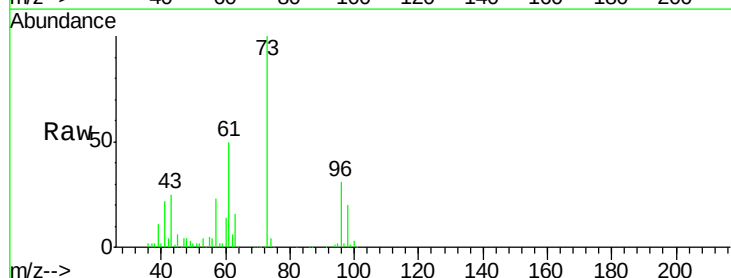
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

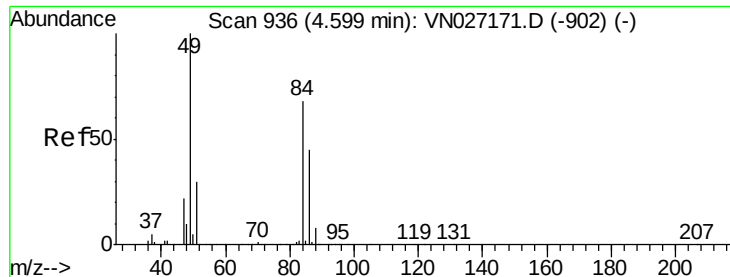
Tgt Ion: 43 Resp: 1116070
Ion Ratio Lower Upper
43 100
74 22.3 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 46.36 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion: 73 Resp: 1409879
Ion Ratio Lower Upper
73 100
57 23.2 19.8 29.6

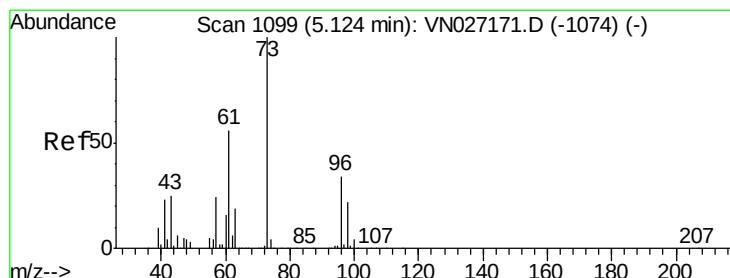
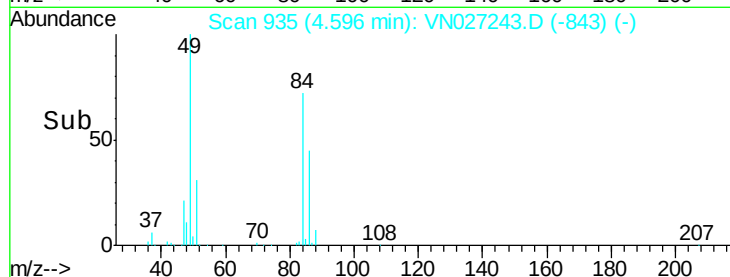
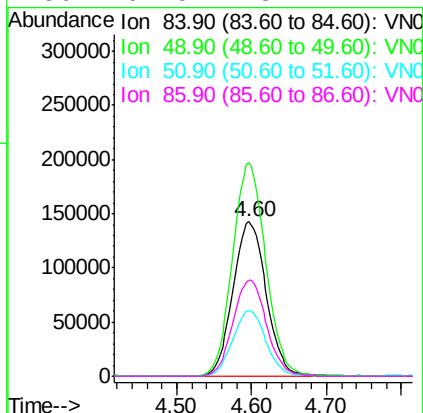
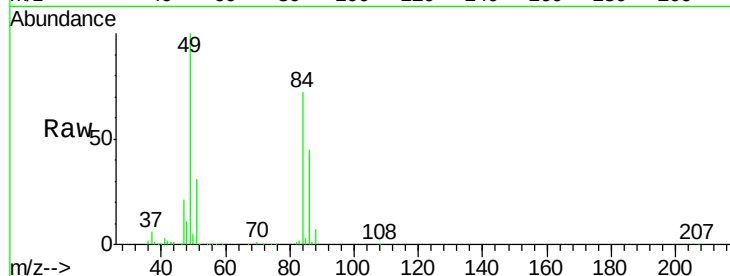




#21
Methylene Chloride
Concen: 48.71 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

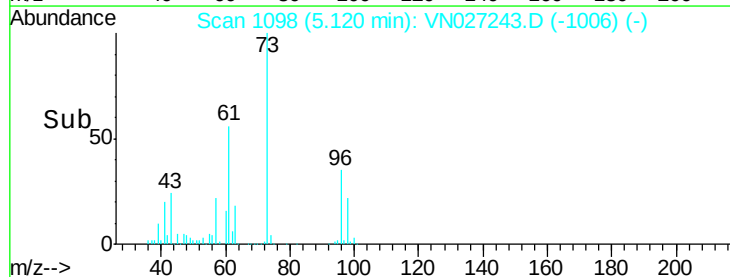
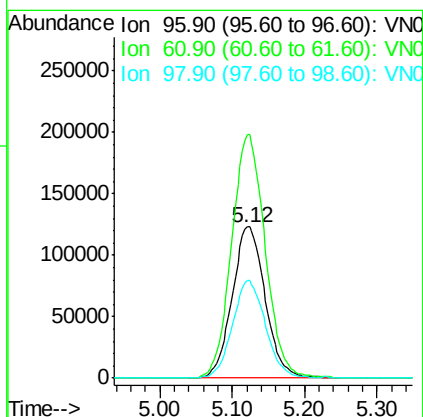
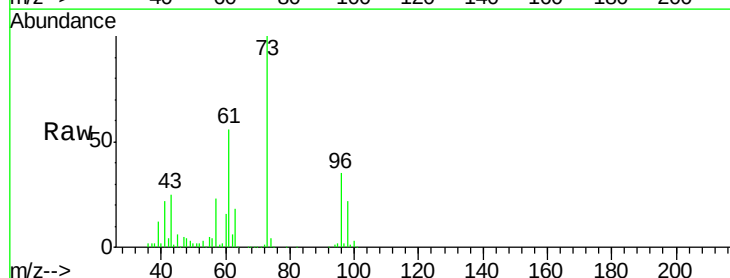
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

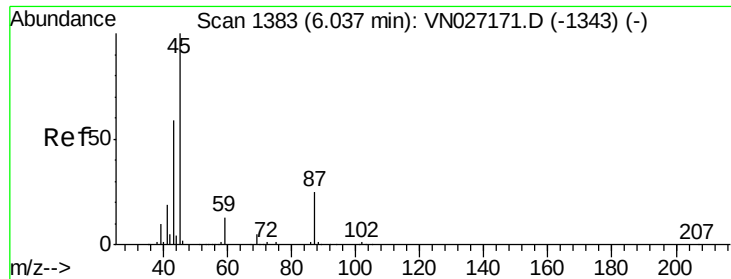
Tgt Ion:	84	Resp:	442197
Ion	Ratio	Lower	Upper
84	100		
49	138.3	112.3	168.5
51	42.7	33.8	50.8
86	62.0	48.2	72.4



#22
trans-1,2-Dichloroethene
Concen: 47.63 ug/l
RT: 5.12 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion:	96	Resp:	390229
Ion	Ratio	Lower	Upper
96	100		
61	161.0	126.6	189.8
98	64.5	47.4	71.2



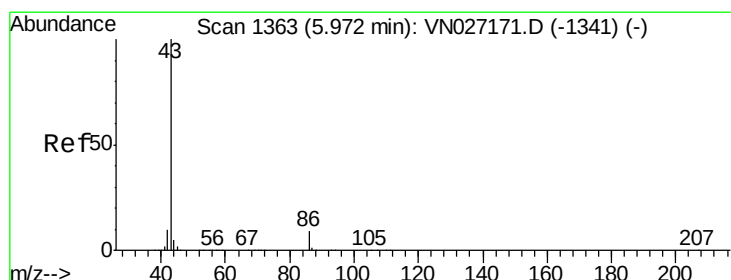
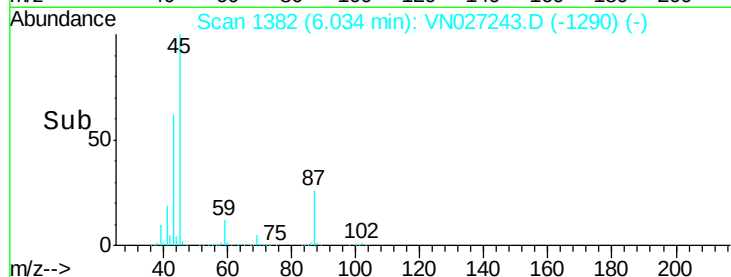
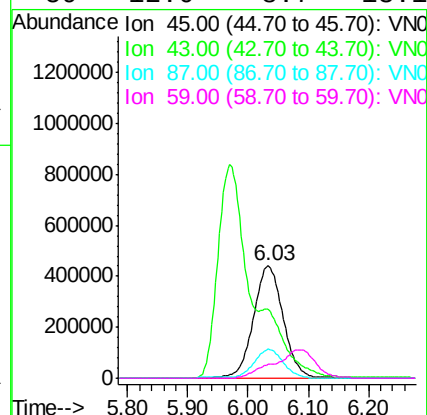
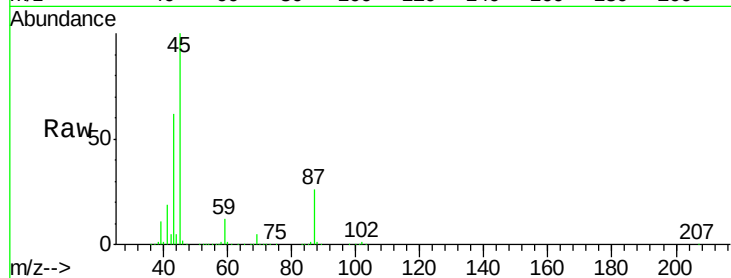


#23
Diisopropyl ether
Concen: 47.40 ug/l
RT: 6.03 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 45 Resp: 1521568

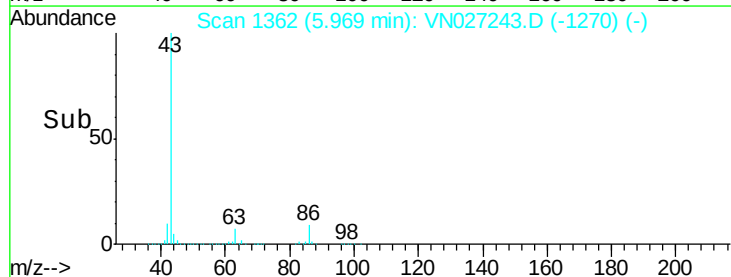
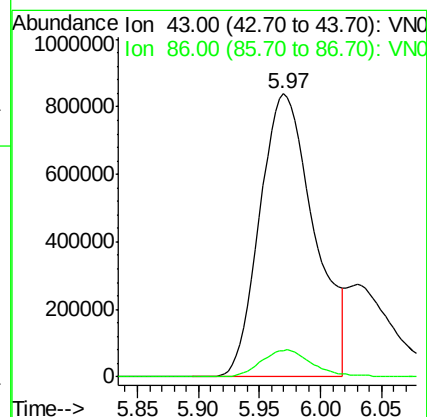
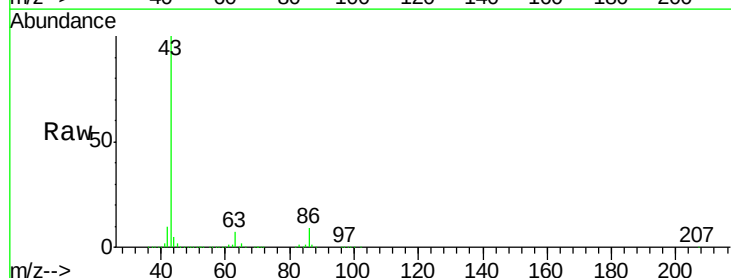
Ion	Ratio	Lower	Upper
45	100		
43	61.6	41.0	61.6#
87	25.6	17.5	26.3
59	12.0	8.7	13.1

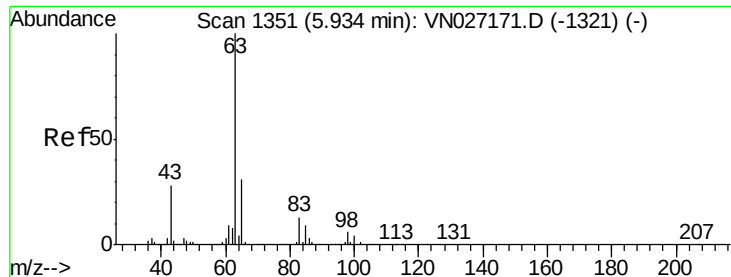


#24
Vinyl Acetate
Concen: 243.83 ug/l
RT: 5.97 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion: 43 Resp: 2590557

Ion	Ratio	Lower	Upper
43	100		
86	9.4	6.9	10.3





#25

1,1-Dichloroethane

Concen: 46.83 ug/l

RT: 5.93 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

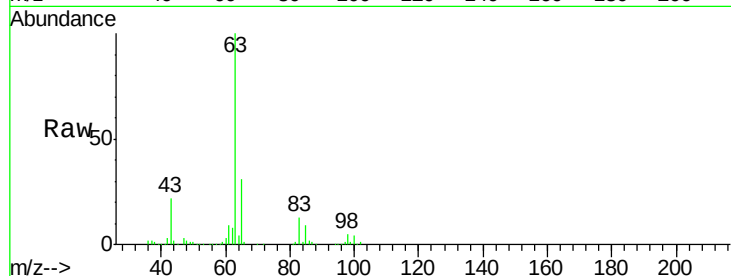
Tgt Ion: 63 Resp: 873274

Ion Ratio Lower Upper

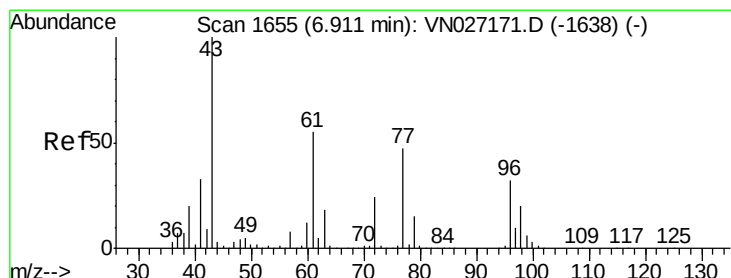
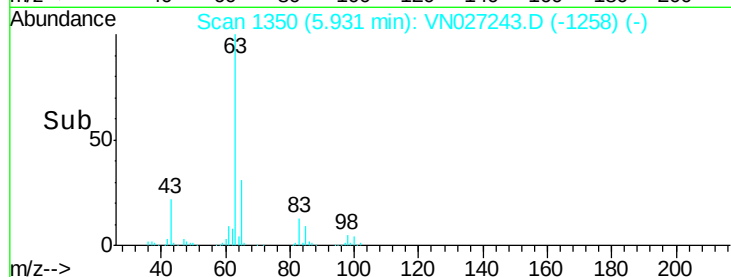
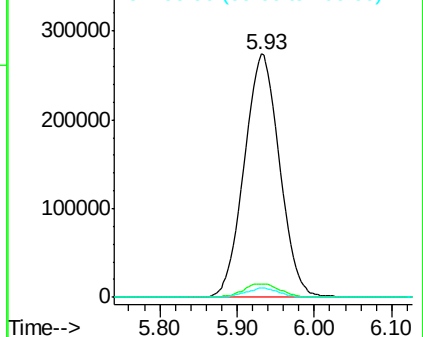
63 100

98 5.3 2.8 8.3

100 4.0 1.7 5.0



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



#26

2-Butanone

Concen: 252.12 ug/l

RT: 6.91 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VN027243.D

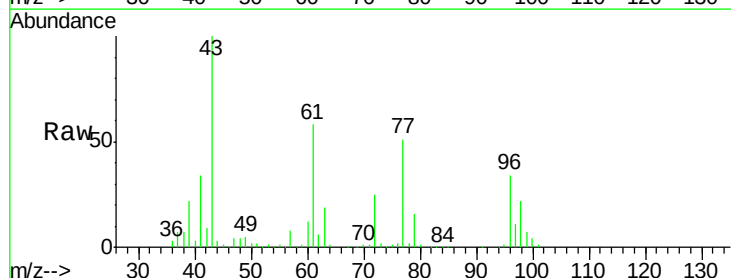
Acq: 17 Sep 2015 9:31

Tgt Ion: 43 Resp: 1237312

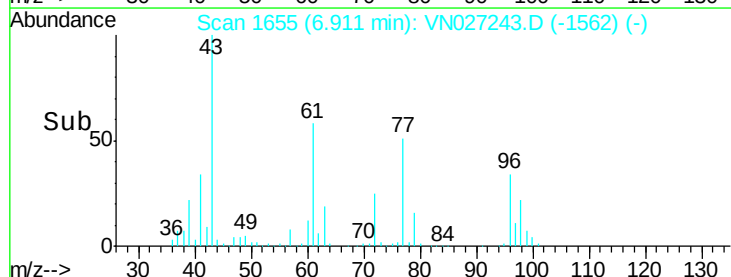
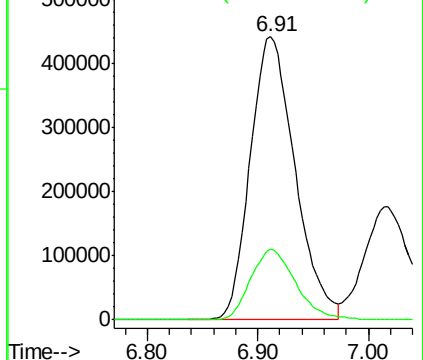
Ion Ratio Lower Upper

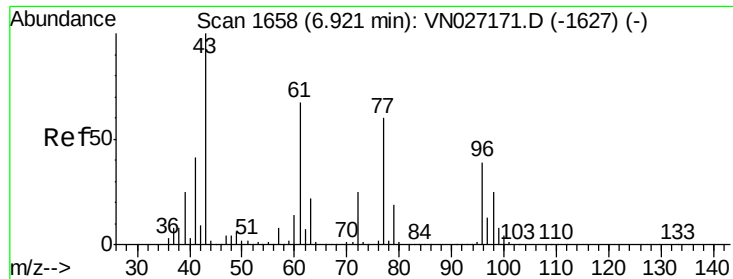
43 100

72 25.0 18.8 28.2



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

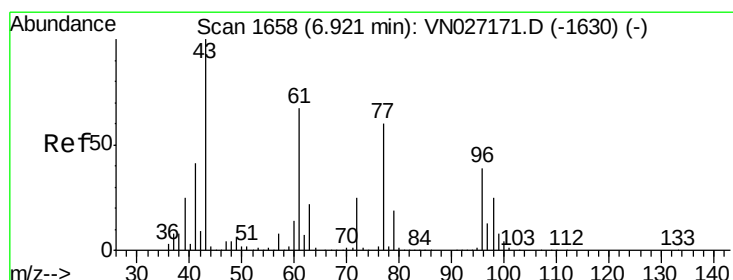
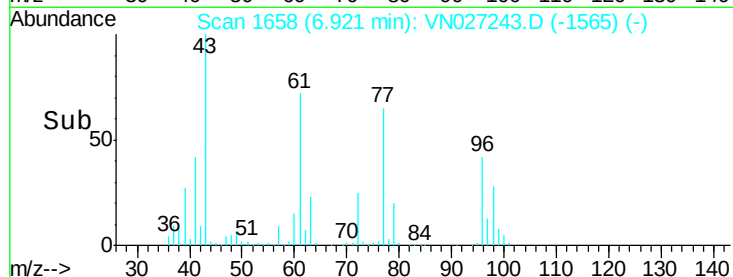
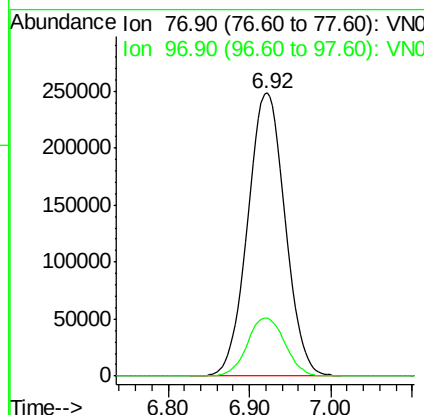
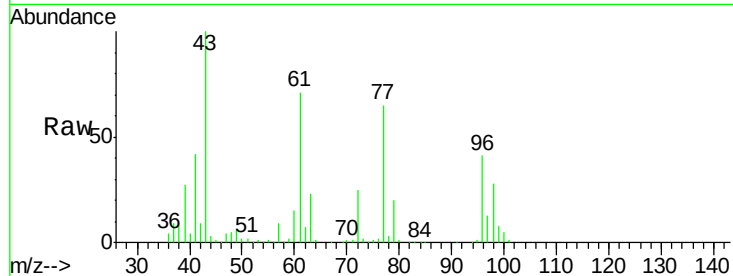




#27
 2,2-Dichloropropane
 Concen: 48.55 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

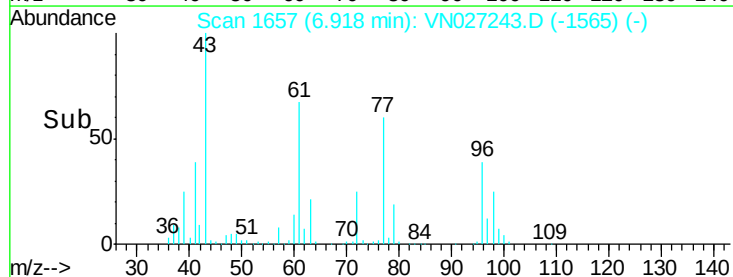
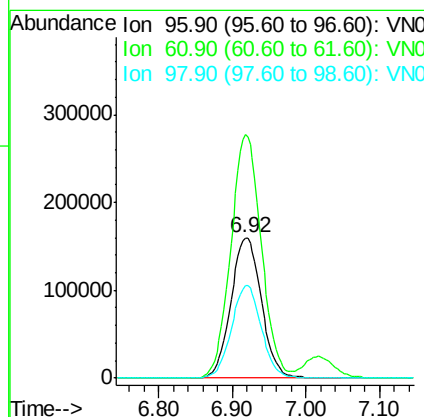
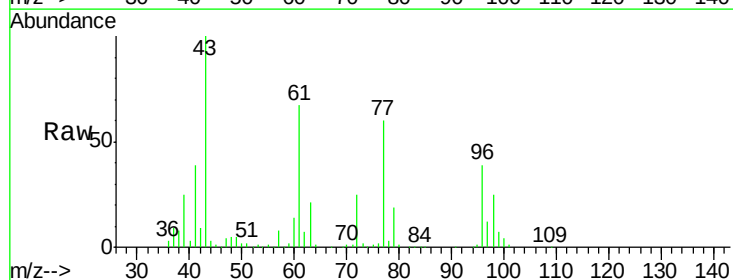
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

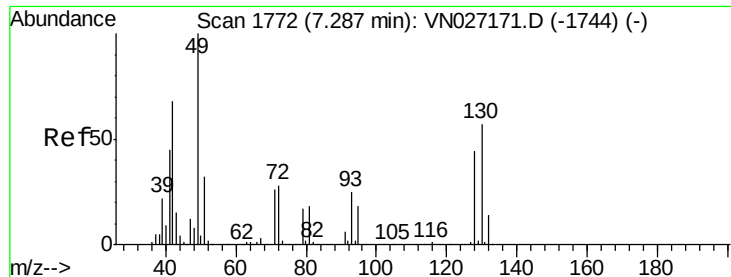
Tgt Ion: 77 Resp: 785556
 Ion Ratio Lower Upper
 77 100
 97 20.8 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 48.91 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 96 Resp: 459636
 Ion Ratio Lower Upper
 96 100
 61 172.8 0.0 329.2
 98 64.8 0.0 126.0

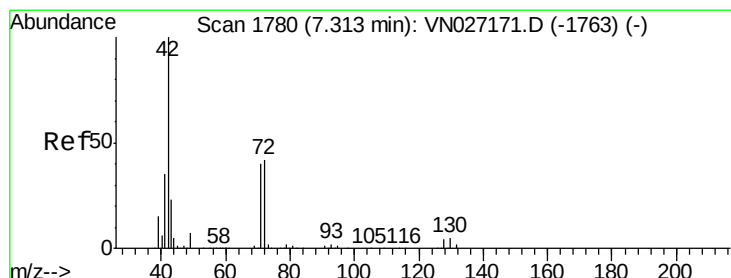
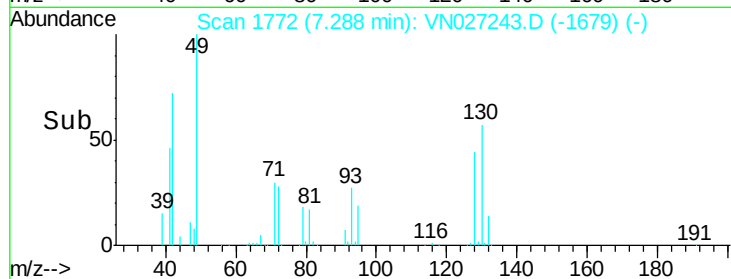
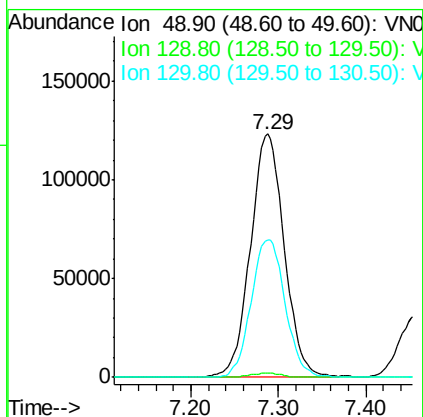
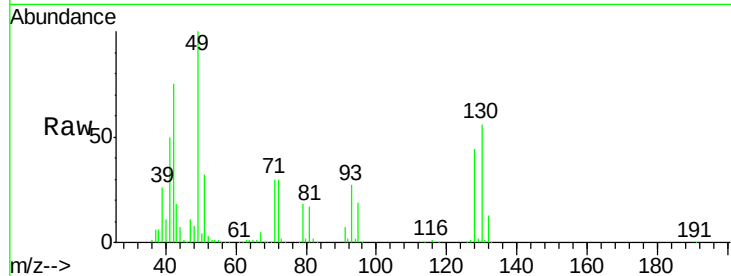




#29
Bromochloromethane
Concen: 45.56 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

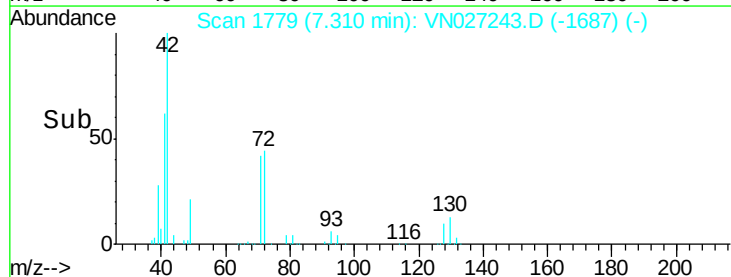
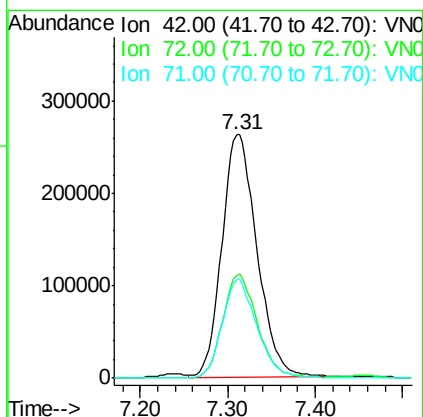
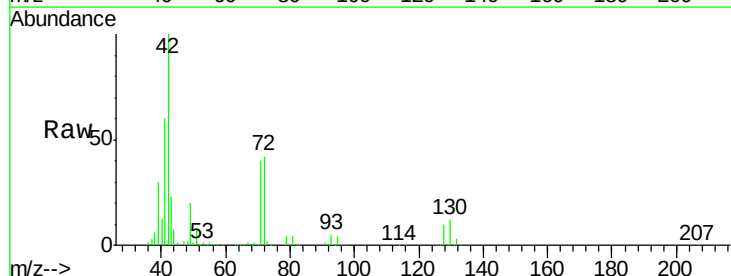
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

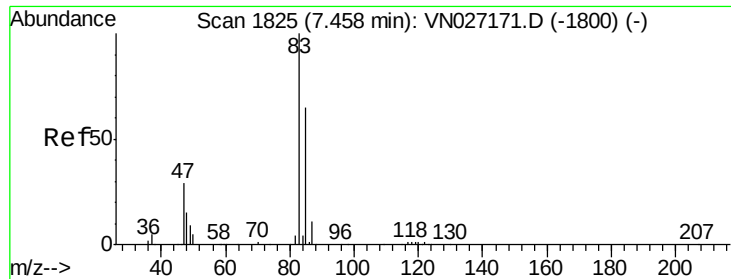
Tgt Ion: 49 Resp: 329769
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 56.9 43.2 64.8



#30
Tetrahydrofuran
Concen: 215.13 ug/l
RT: 7.31 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion: 42 Resp: 727619
Ion Ratio Lower Upper
42 100
72 42.8 29.9 44.9
71 40.7 28.3 42.5

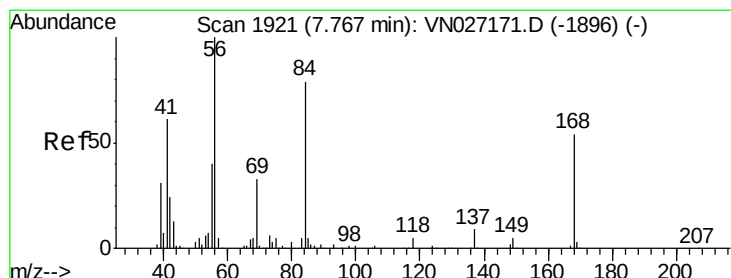
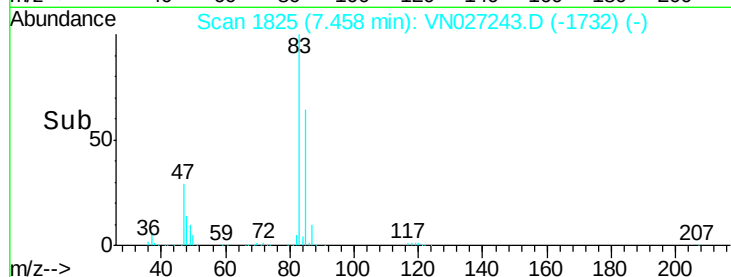
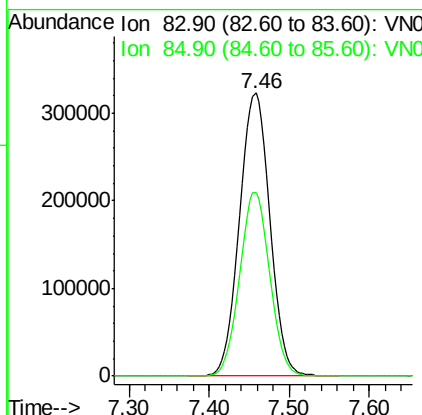
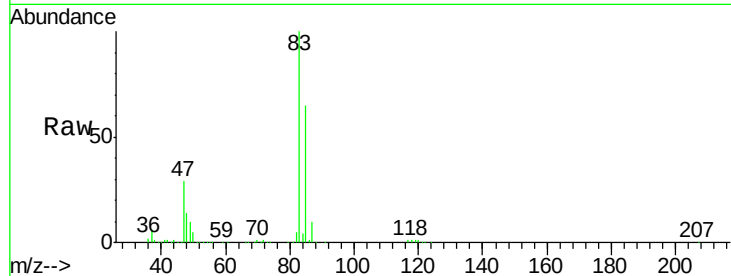




#31
Chloroform
Concen: 49.27 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

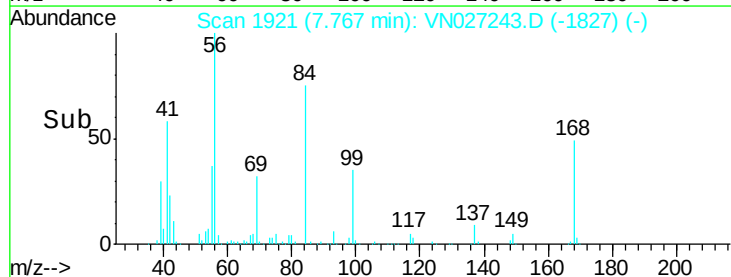
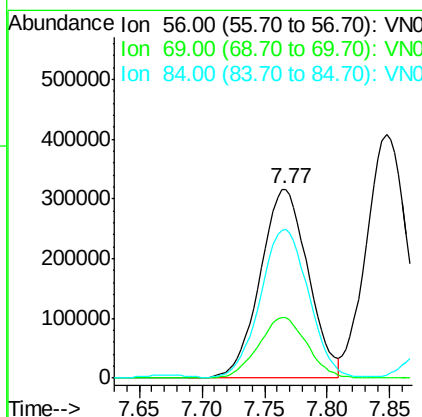
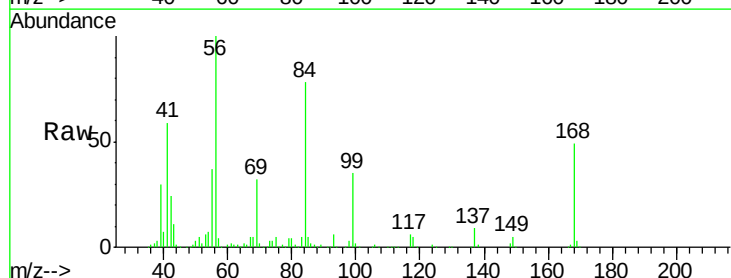
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

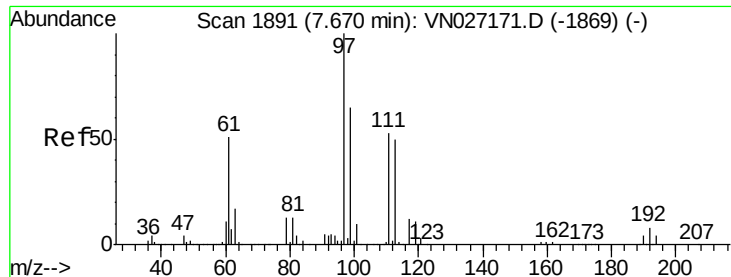
Tgt Ion: 83 Resp: 830201
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7



#32
Cyclohexane
Concen: 50.72 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion: 56 Resp: 841767
Ion Ratio Lower Upper
56 100
69 31.9 23.0 34.4
84 77.4 57.8 86.8

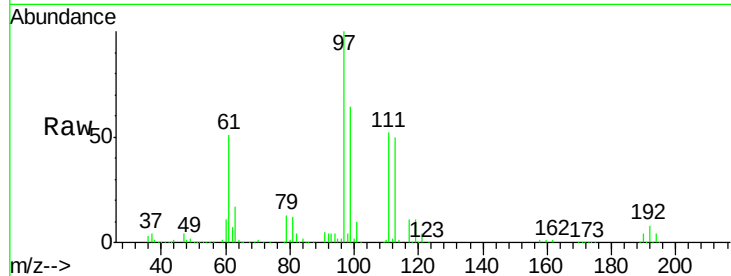




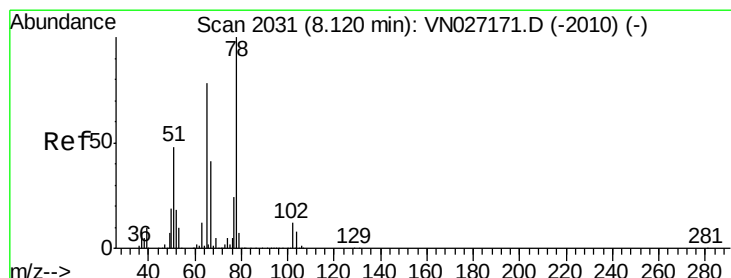
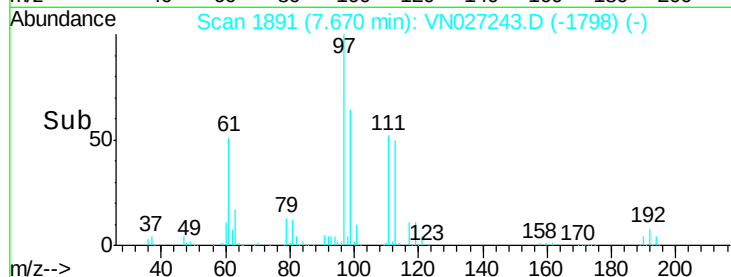
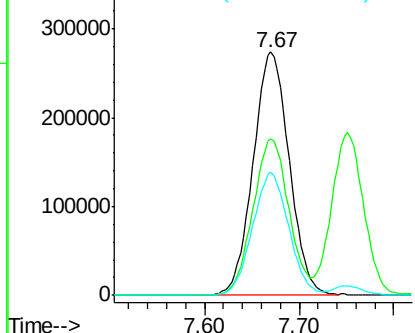
#33
 1,1,1-Trichloroethane
 Concen: 48.37 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 726615
 Ion Ratio Lower Upper
 97 100
 99 64.0 50.1 75.1
 61 50.5 44.0 66.0

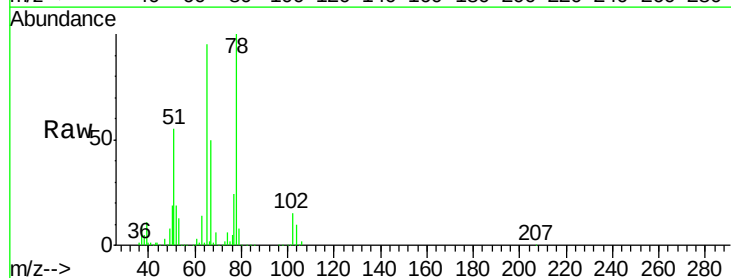


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0

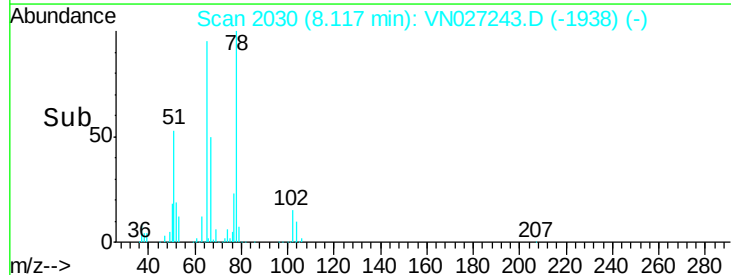
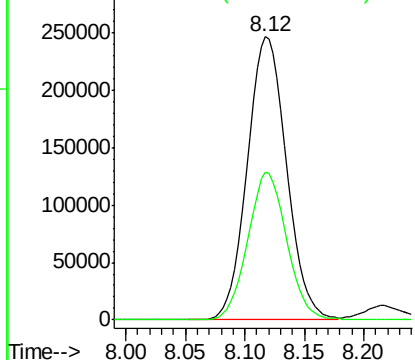


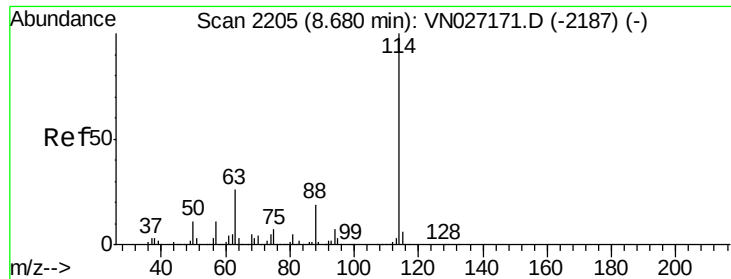
#34
 1,2-Dichloroethane-d4
 Concen: 46.61 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 65 Resp: 563436
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 110.6



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

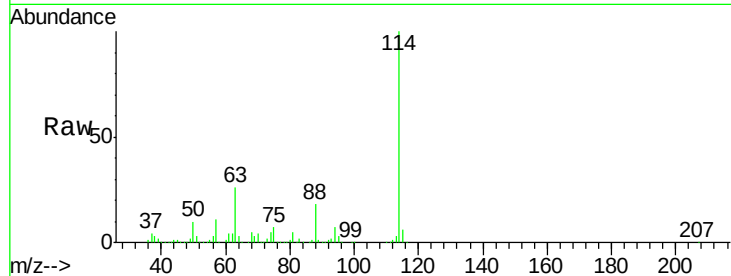




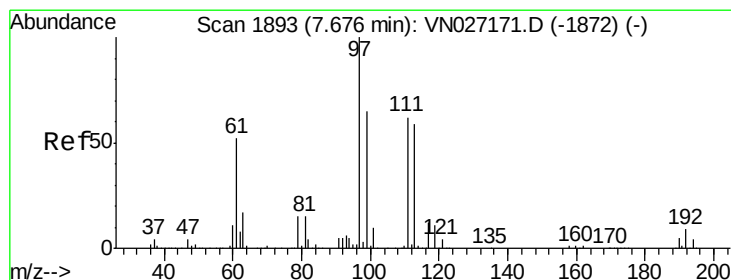
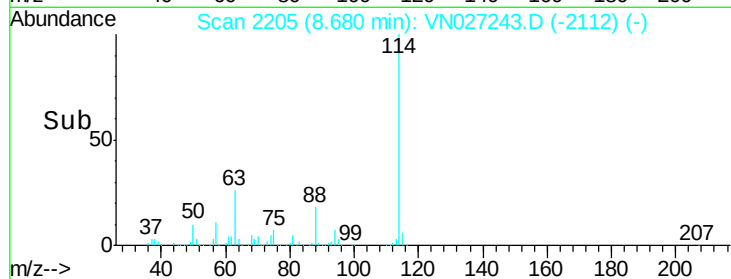
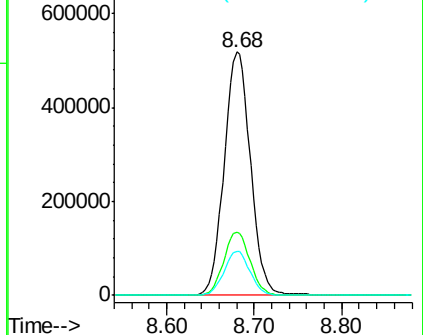
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:114 Resp: 1081383
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 48.8
 88 18.1 0.0 32.2

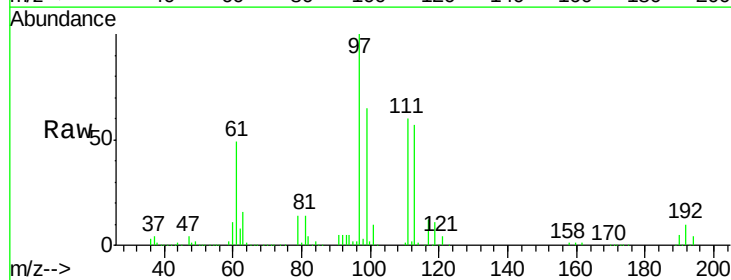


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

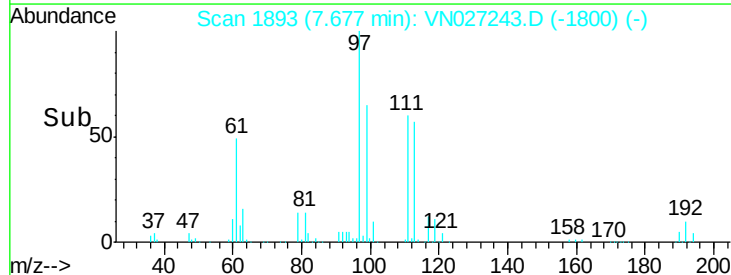
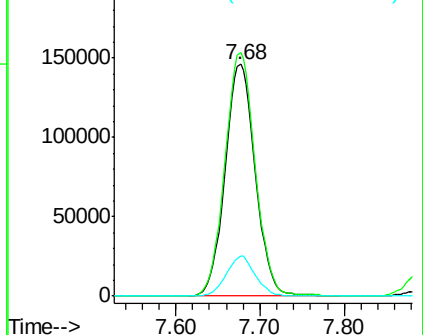


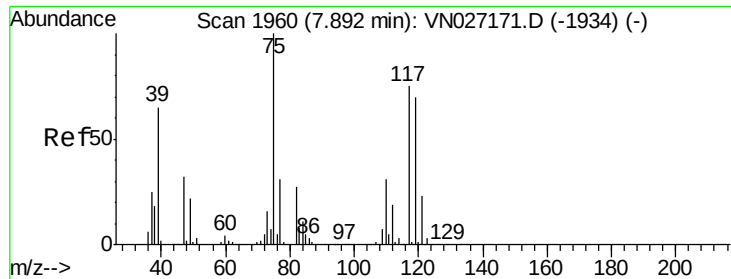
#36
 Dibromofluoromethane
 Concen: 48.46 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion:113 Resp: 363221
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.4
 192 16.6 14.1 21.1



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

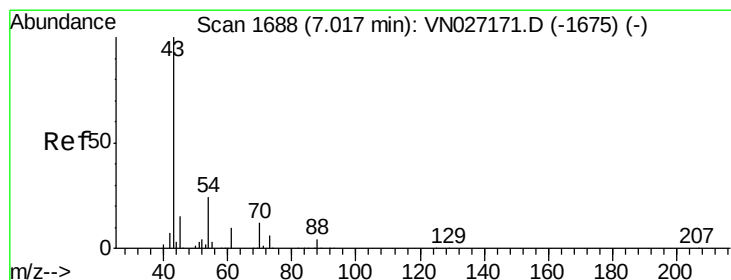
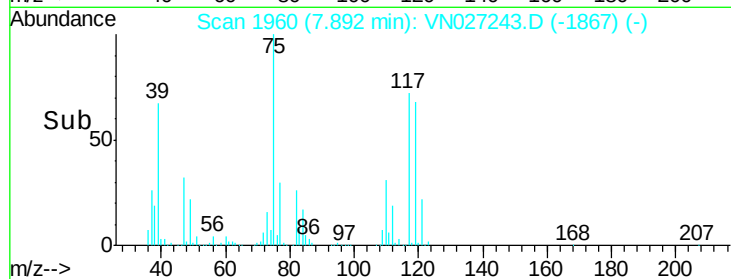
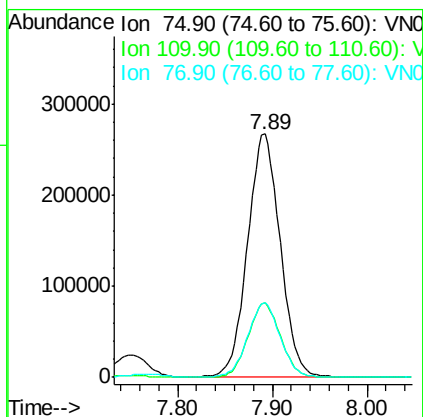
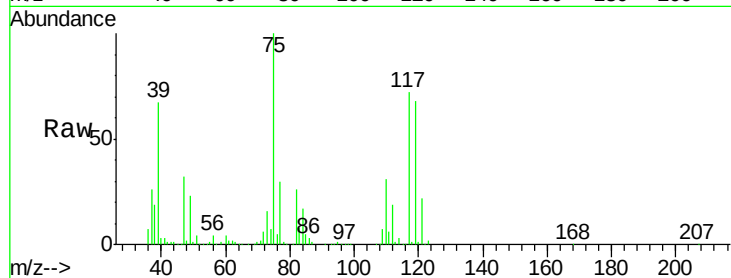




#37
 1,1-Dichloropropene
 Concen: 50.41 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

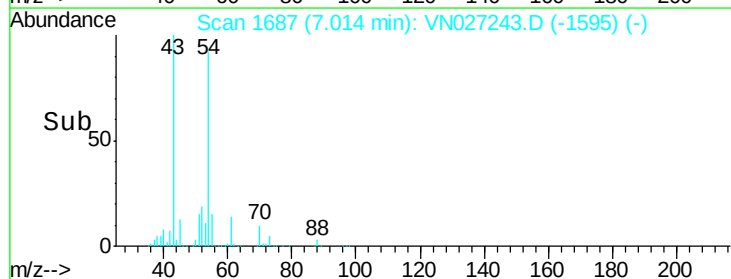
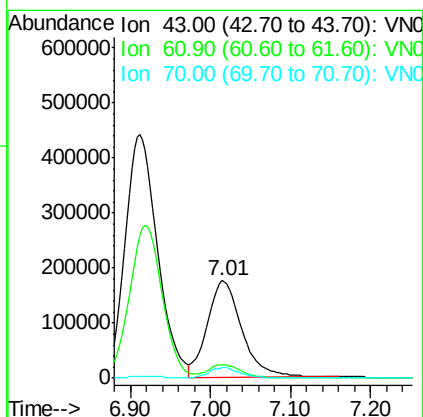
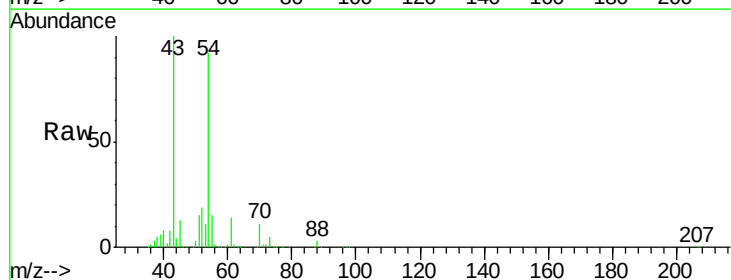
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

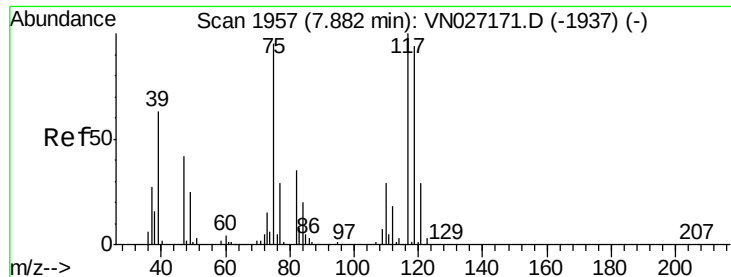
Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.3	15.9	47.7
77	30.3	24.9	37.3



#38
 Ethyl Acetate
 Concen: 48.87 ug/l
 RT: 7.01 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.4
70	9.7	7.4	11.0





#39

Carbon Tetrachloride

Concen: 49.60 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

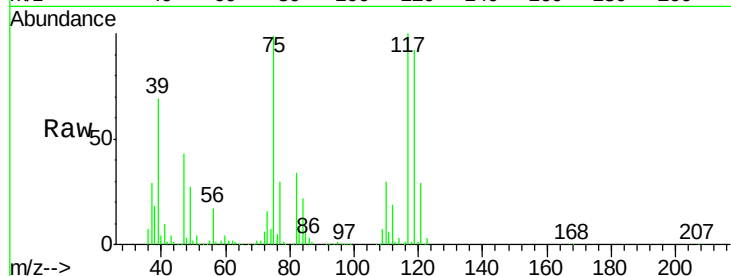
Tgt Ion: 117 Resp: 590231

Ion Ratio Lower Upper

117 100

119 92.0 75.3 112.9

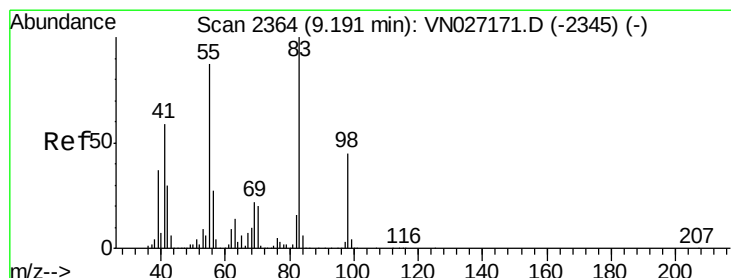
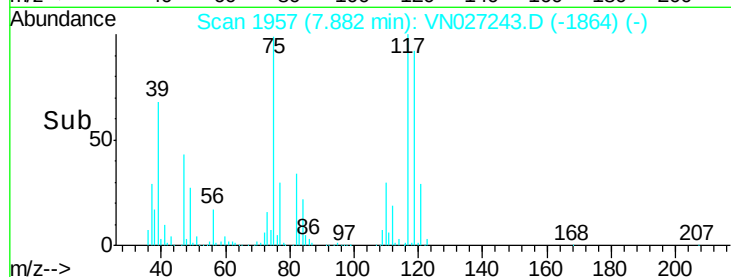
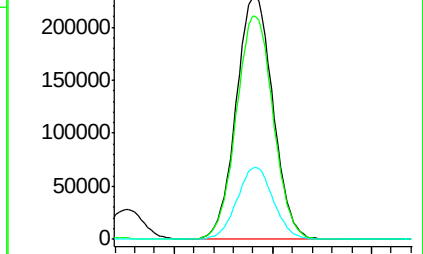
121 29.4 23.8 35.8



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: 51.39 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

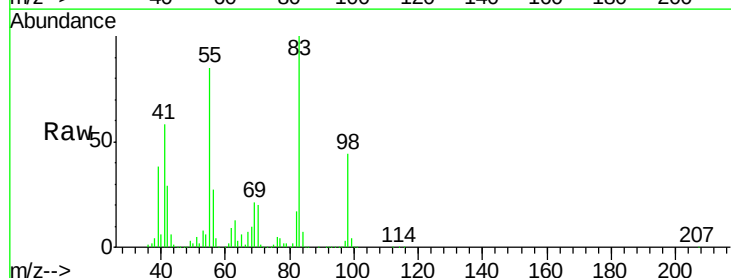
Tgt Ion: 83 Resp: 792209

Ion Ratio Lower Upper

83 100

55 84.7 69.8 104.8

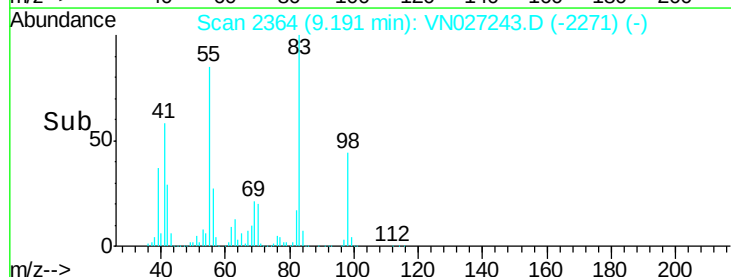
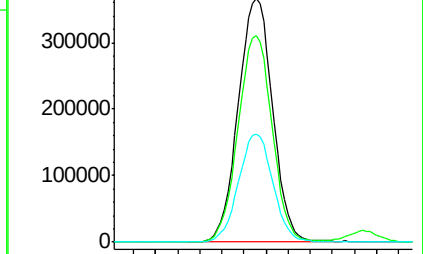
98 44.5 34.3 51.5

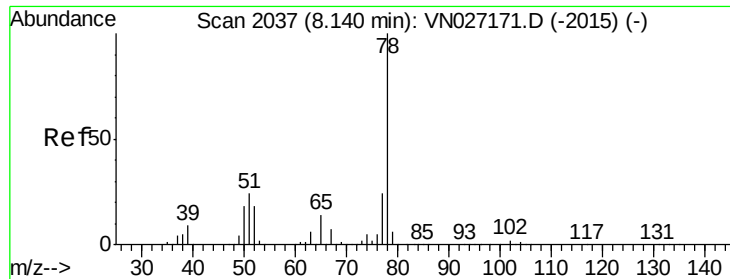


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 49.62 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

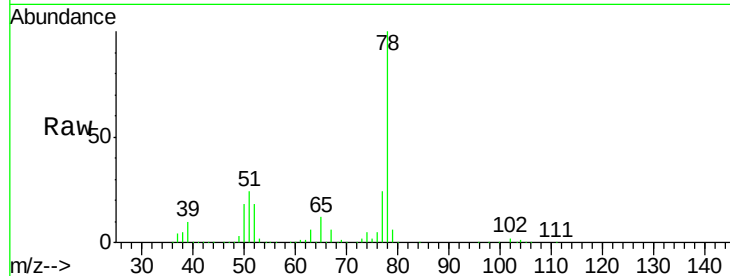
VSTDCCC050

Tgt Ion: 78 Resp: 1832515

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

8.14

800000

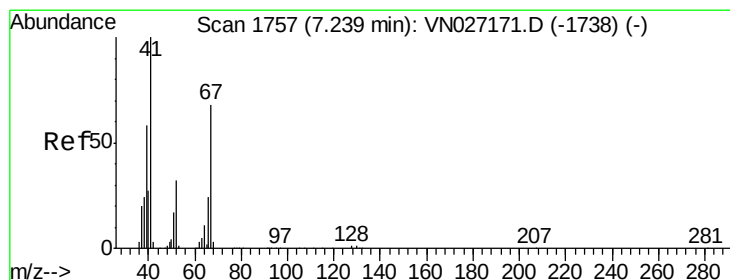
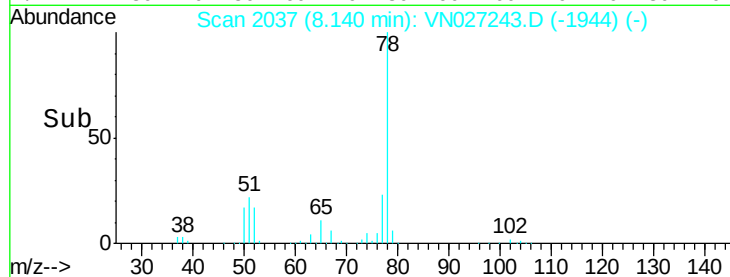
600000

400000

200000

0

Time-->



#42

Methacrylonitrile

Concen: 47.67 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Tgt Ion: 41 Resp: 291714

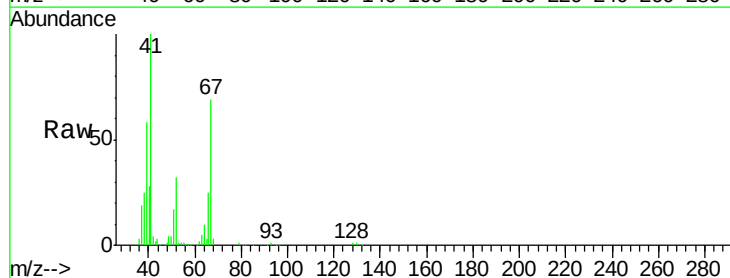
Ion Ratio Lower Upper

41 100

39 58.0 43.0 64.6

67 72.6 52.2 78.2

52 32.9 21.3 31.9#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO

250000

200000

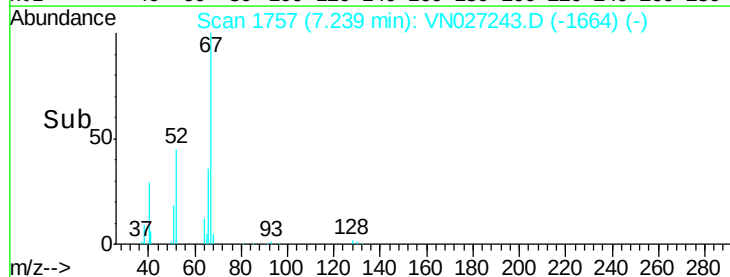
150000

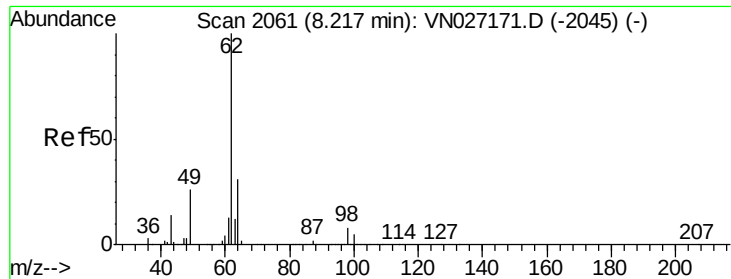
100000

50000

0

Time-->

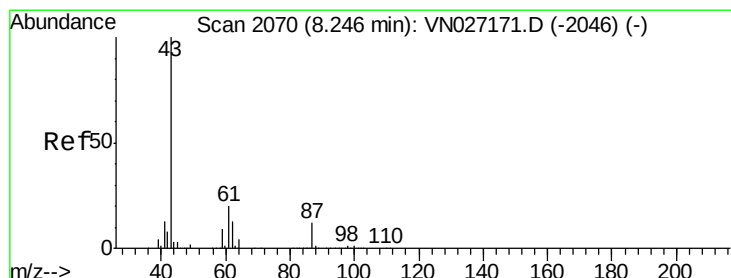
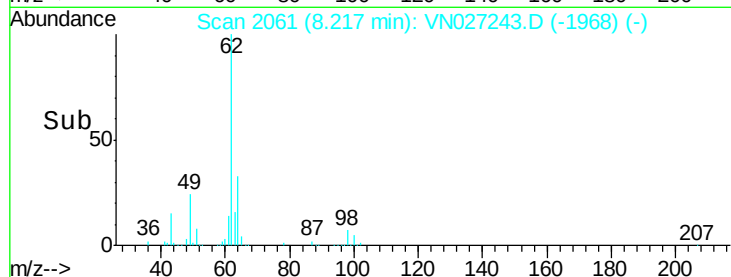
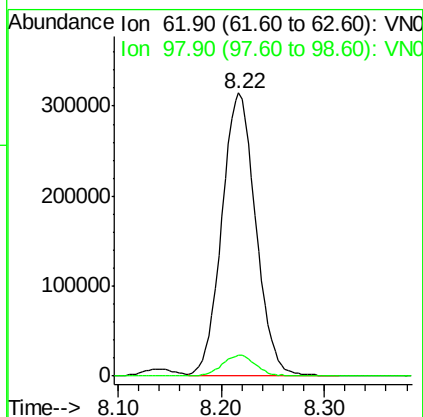
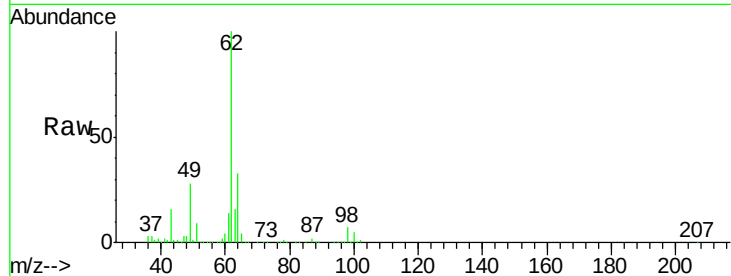




#43
 1,2-Dichloroethane
 Concen: 48.25 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

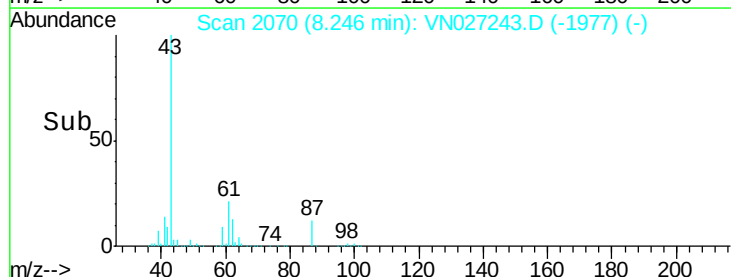
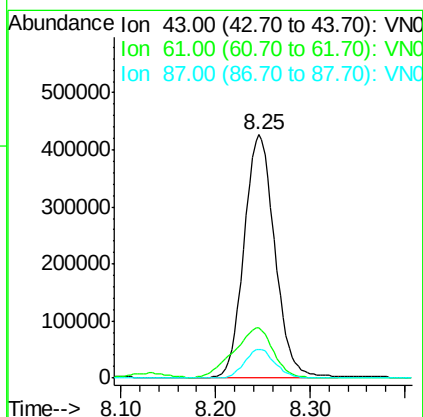
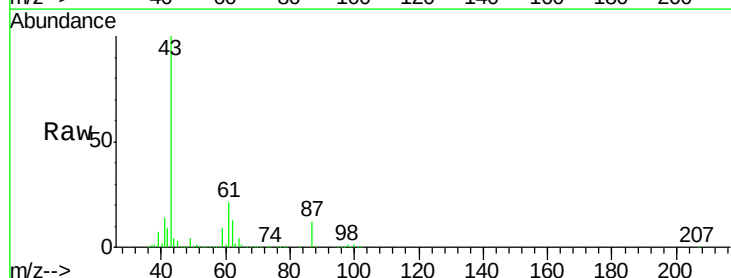
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

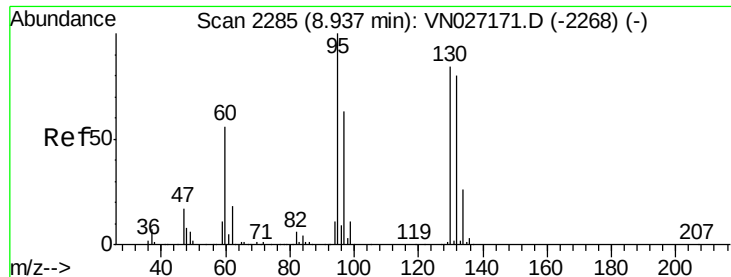
Tgt Ion: 62 Resp: 717889
 Ion Ratio Lower Upper
 62 100
 98 7.5 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 47.34 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 43 Resp: 957618
 Ion Ratio Lower Upper
 43 100
 61 26.5 20.6 31.0
 87 11.9 8.6 13.0





#45

Trichloroethene

Concen: 50.56 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

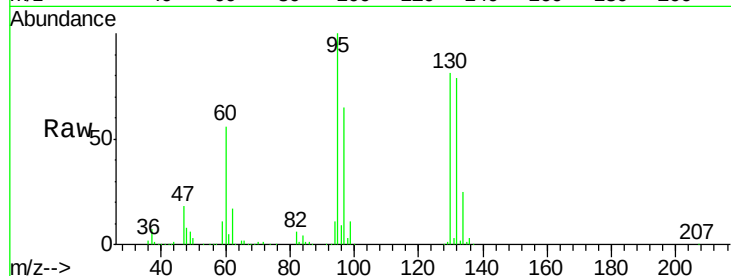
VSTDCCC050

Tgt Ion: 130 Resp: 375108

Ion Ratio Lower Upper

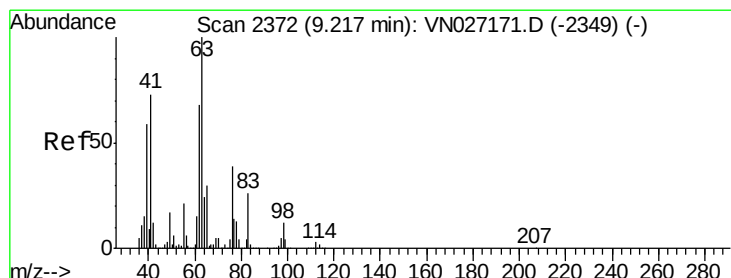
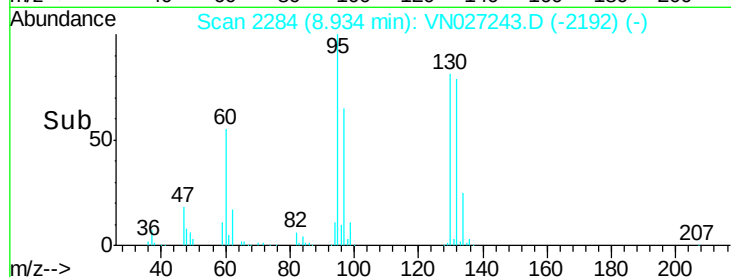
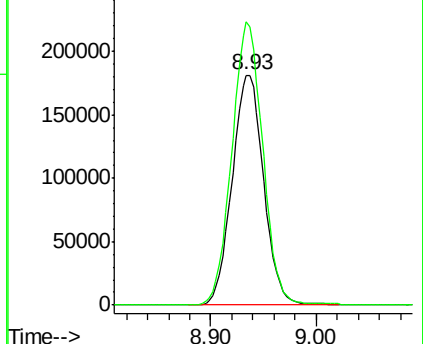
130 100

95 123.1 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#46

1,2-Dichloropropane

Concen: 47.97 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027243.D

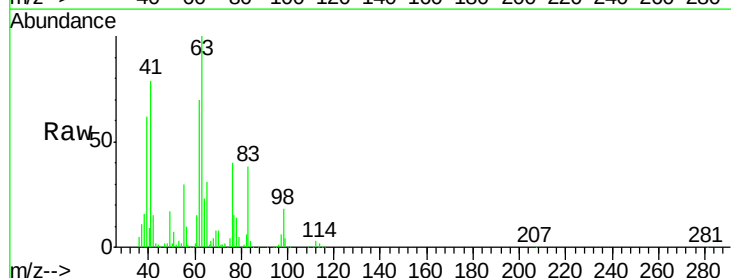
Acq: 17 Sep 2015 9:31

Tgt Ion: 63 Resp: 509697

Ion Ratio Lower Upper

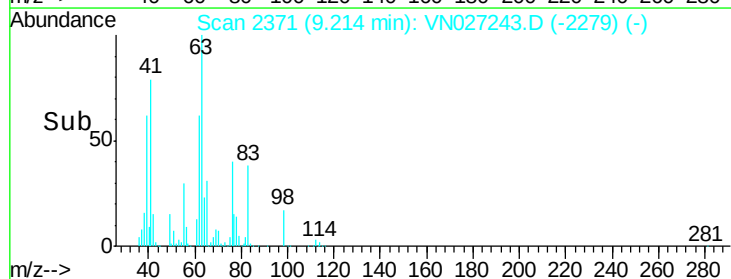
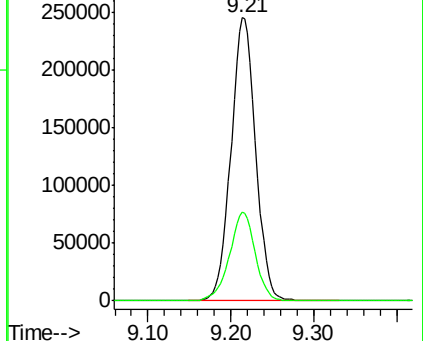
63 100

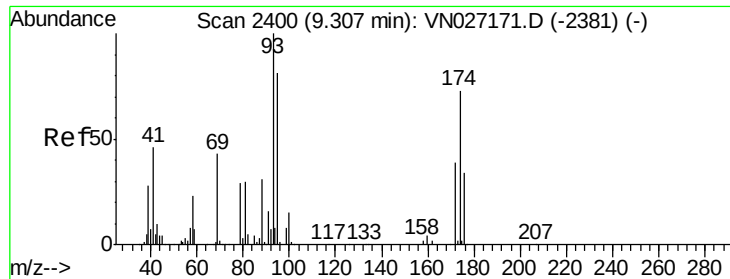
65 31.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#47

Dibromomethane

Concen: 48.13 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

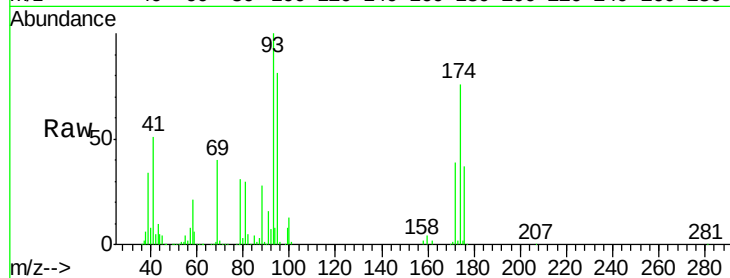
Tgt Ion: 93 Resp: 300299

Ion Ratio Lower Upper

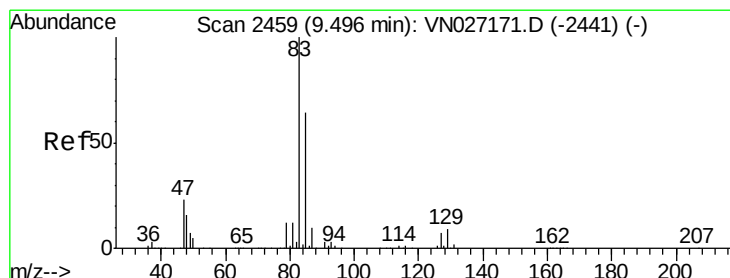
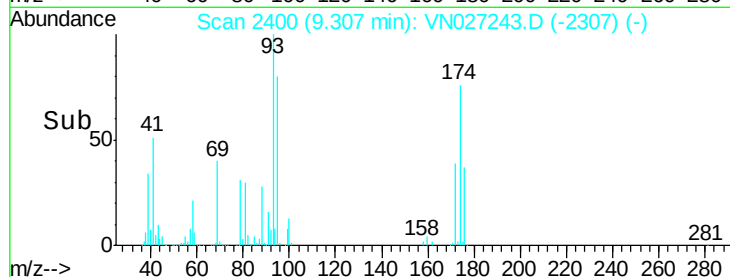
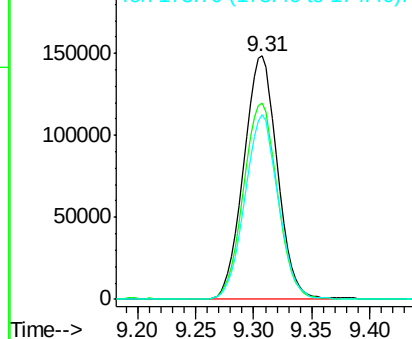
93 100

95 81.3 66.3 99.5

174 75.2 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: 48.60 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

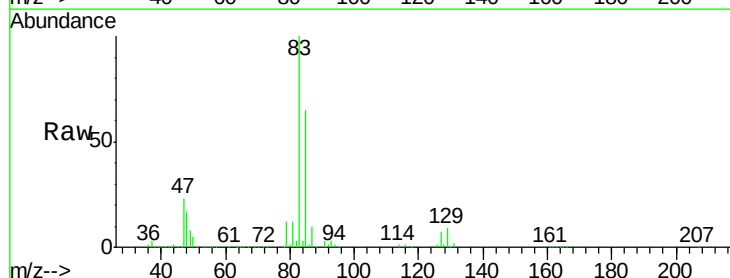
Tgt Ion: 83 Resp: 639032

Ion Ratio Lower Upper

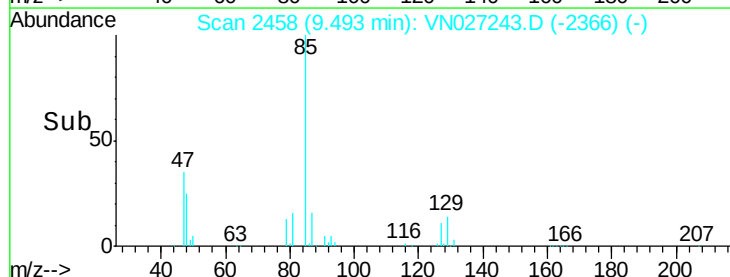
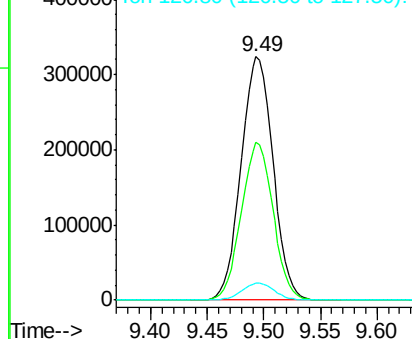
83 100

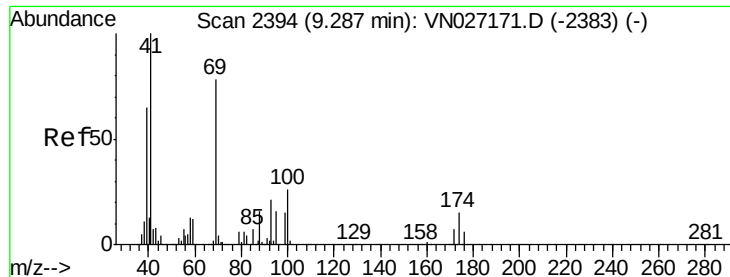
85 64.7 50.7 76.1

127 6.8 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

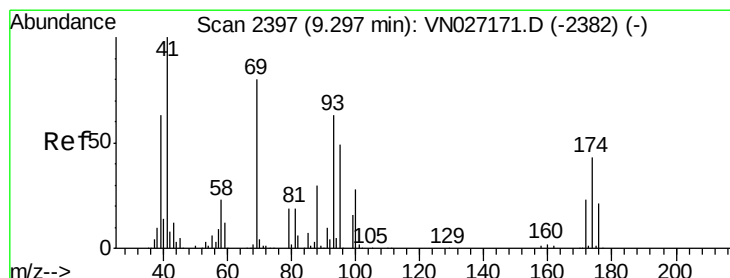
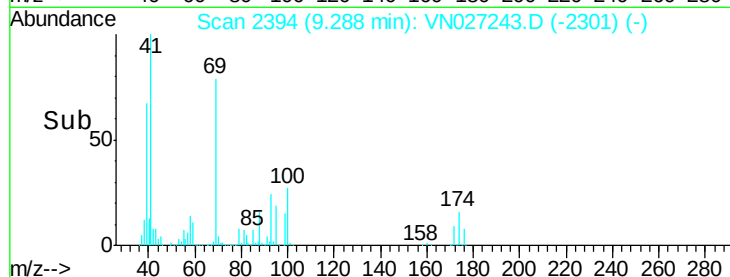
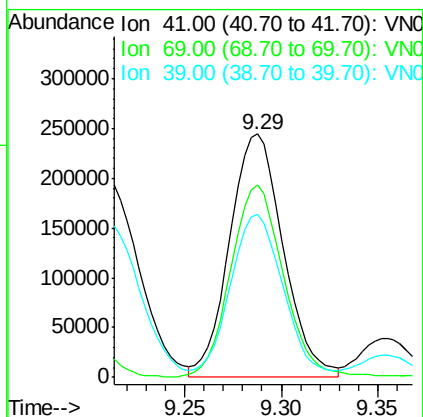
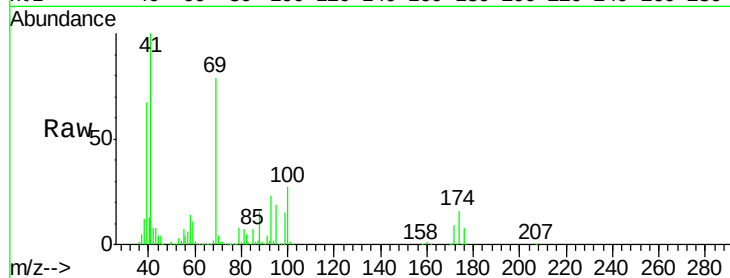




#49
Methyl methacrylate
Concen: 46.56 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

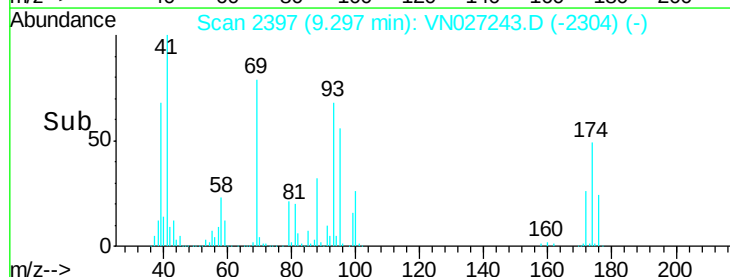
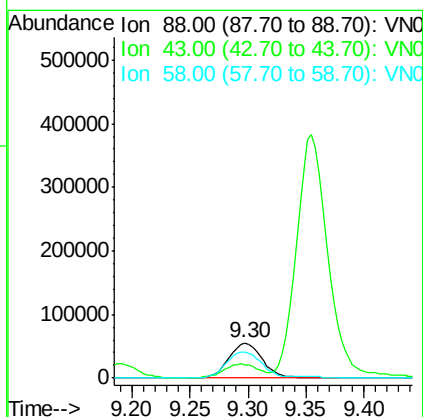
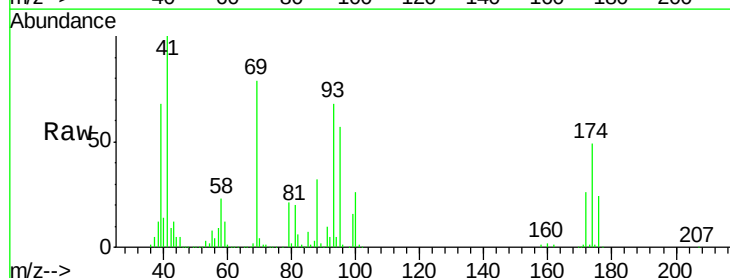
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

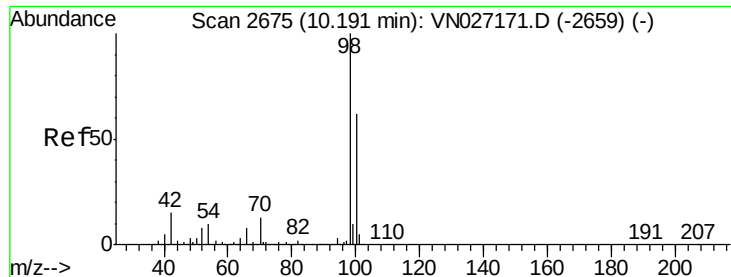
Tgt Ion: 41 Resp: 469289
Ion Ratio Lower Upper
41 100
69 78.0 59.3 88.9
39 66.2 39.5 59.3#



#50
1,4-Dioxane
Concen: 938.89 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion: 88 Resp: 110979
Ion Ratio Lower Upper
88 100
43 38.6 27.6 41.4
58 78.2 63.1 94.7





#51

Toluene-d8

Concen: 49.23 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

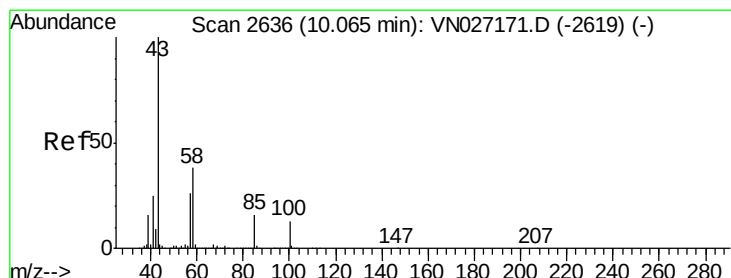
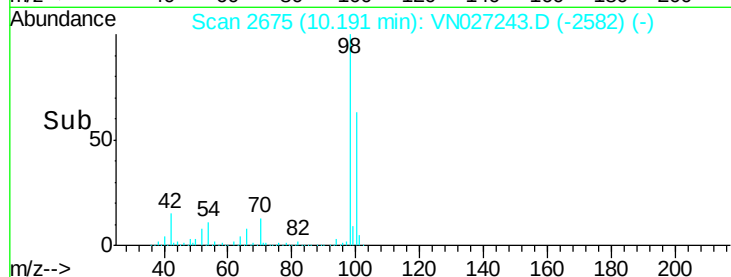
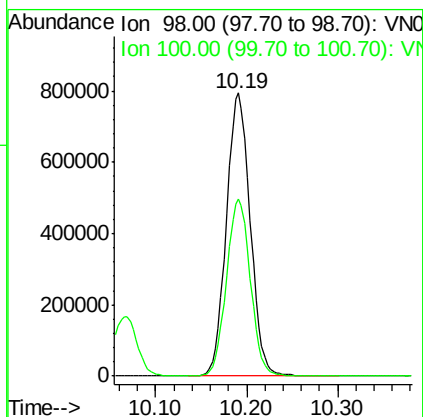
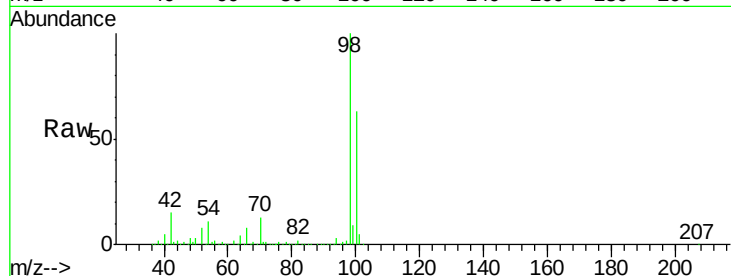
VSTDCCC050

Tgt Ion: 98 Resp: 1444934

Ion Ratio Lower Upper

98 100

100 62.5 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 229.68 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027243.D

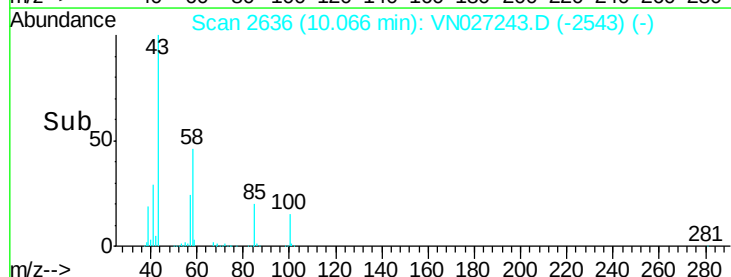
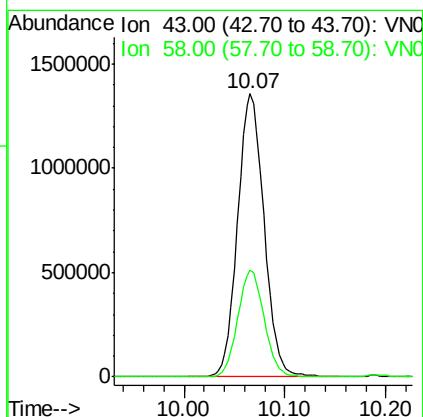
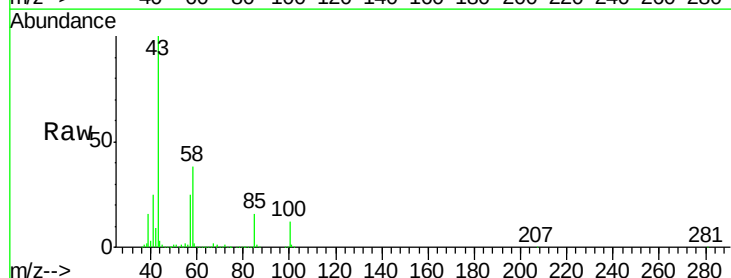
Acq: 17 Sep 2015 9:31

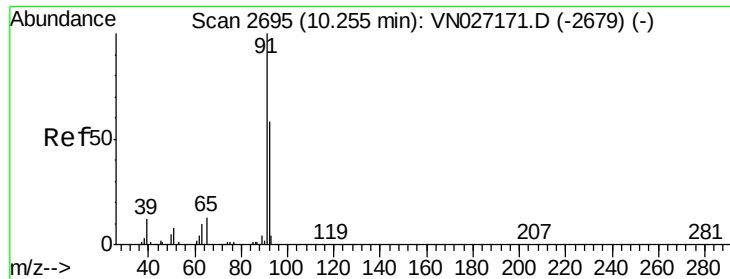
Tgt Ion: 43 Resp: 2456473

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.8





#53

Toluene

Concen: 49.94 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

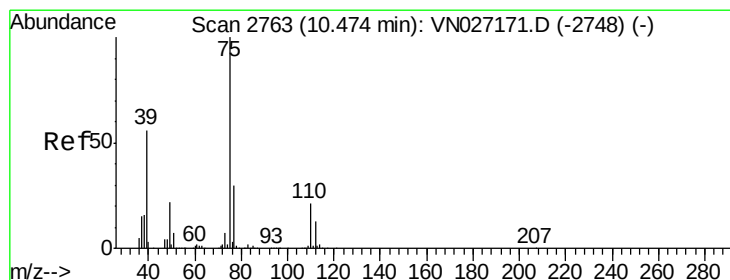
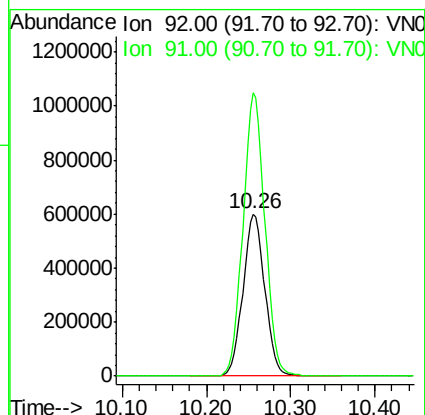
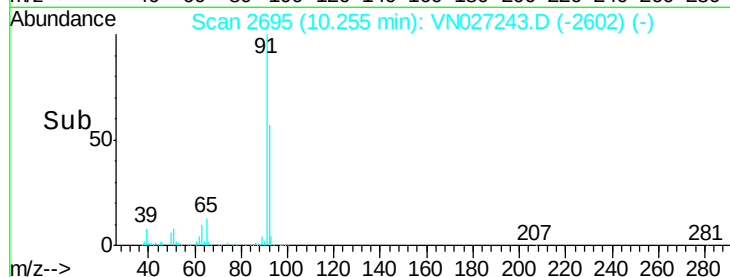
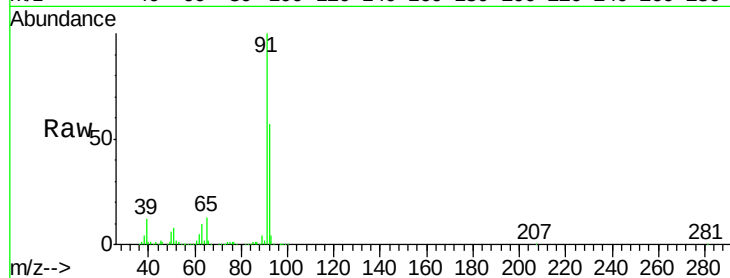
VSTDCCC050

Tgt Ion: 92 Resp: 1080438

Ion Ratio Lower Upper

92 100

91 175.6 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 48.25 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027243.D

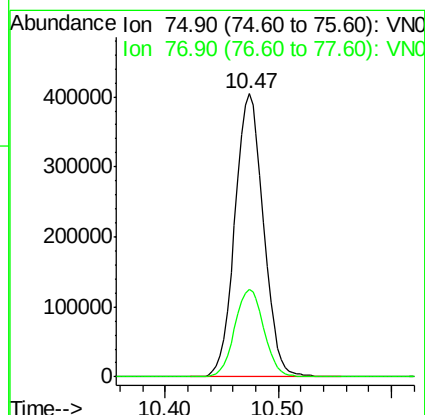
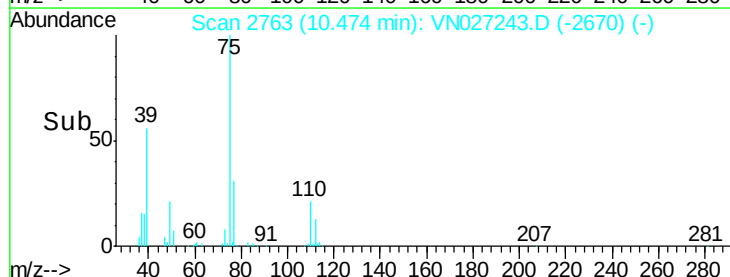
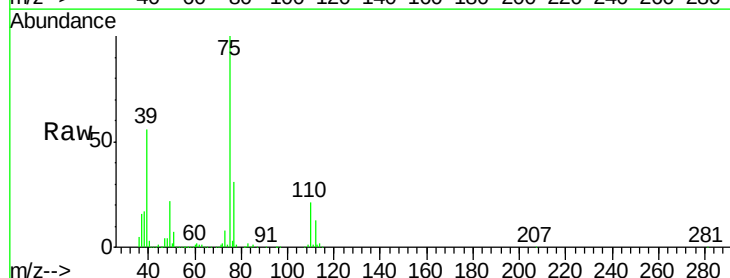
Acq: 17 Sep 2015 9:31

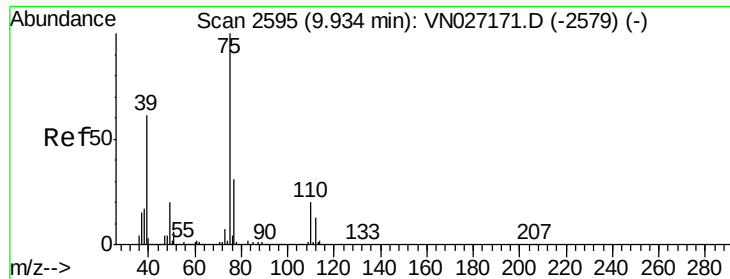
Tgt Ion: 75 Resp: 712381

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



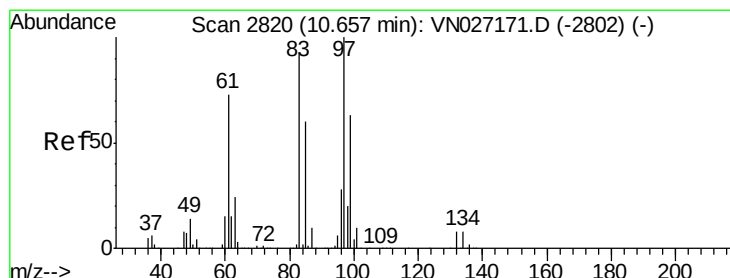
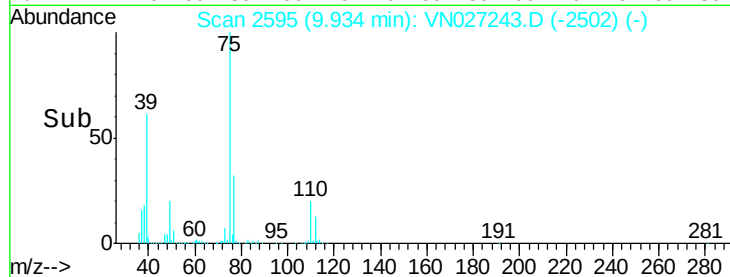
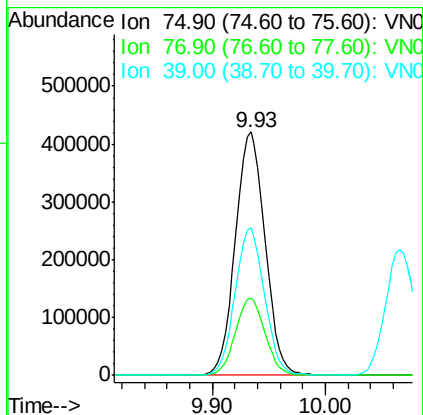
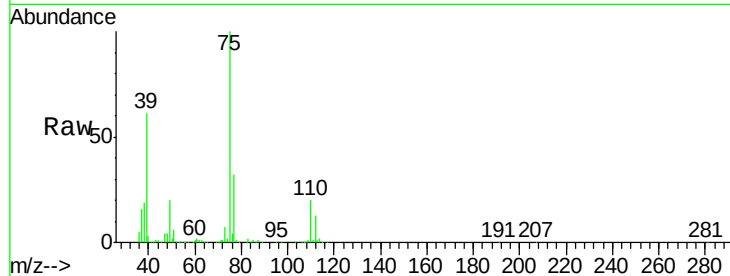


#55

cis-1,3-Dichloropropene
 Concen: 48.02 ug/l
 RT: 9.93 min Scan# 2595
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

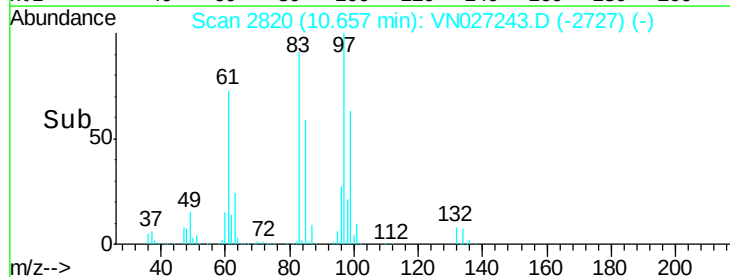
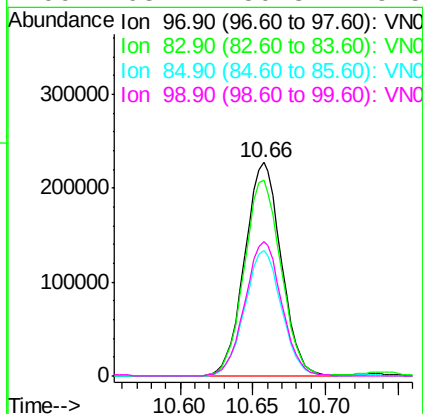
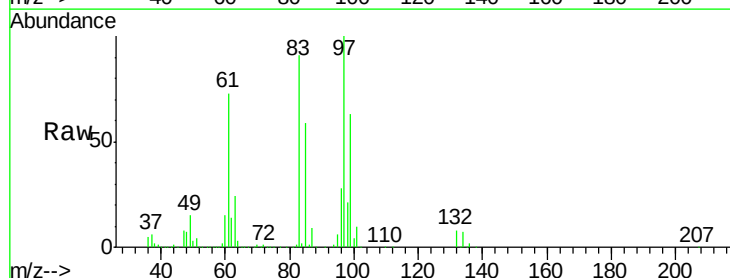
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
39	60.7	41.6	62.4

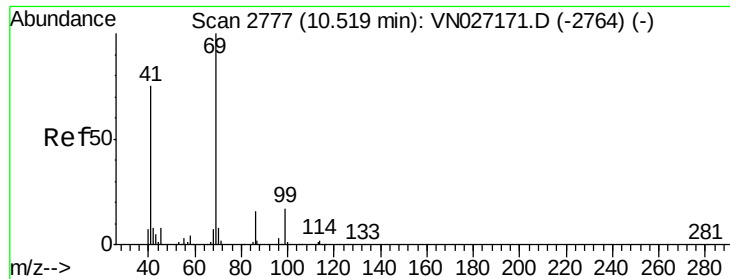


#56

1,1,2-Trichloroethane
 Concen: 49.06 ug/l
 RT: 10.66 min Scan# 2820
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.4	75.0	112.4
85	58.8	48.0	72.0
99	63.2	50.3	75.5





#57

Ethyl methacrylate

Concen: 47.85 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

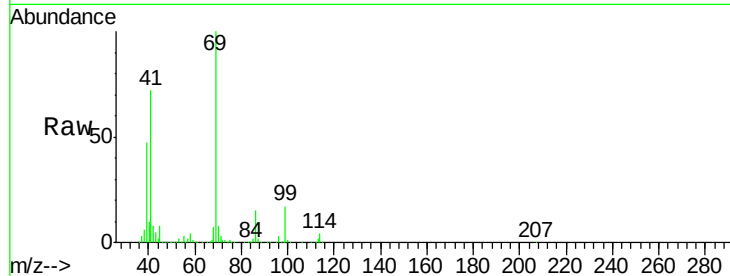
Tgt Ion: 69 Resp: 655646

Ion Ratio Lower Upper

69 100

41 71.7 61.3 91.9

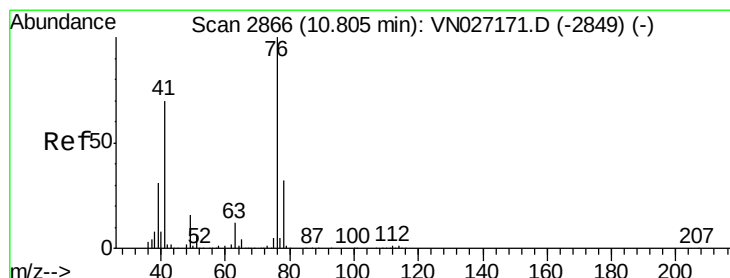
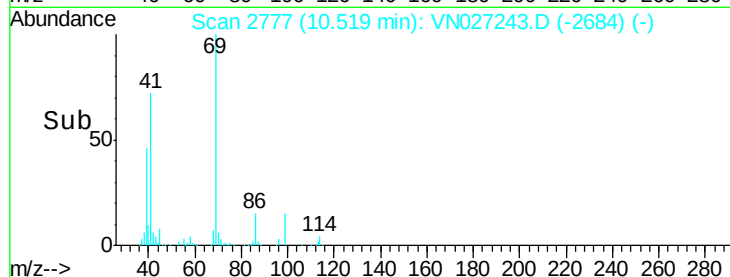
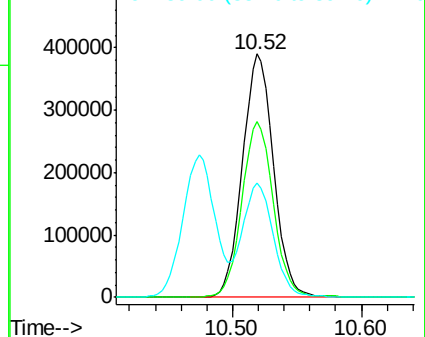
39 46.9 28.4 42.6#



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: 49.20 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027243.D

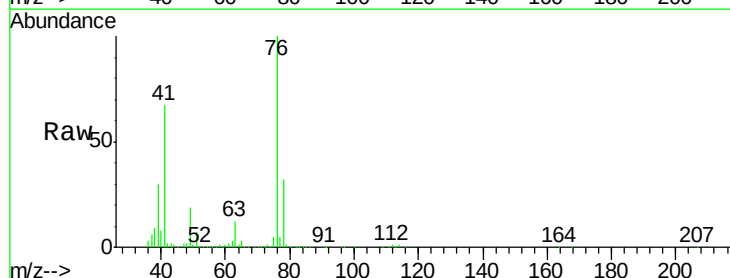
Acq: 17 Sep 2015 9:31

Tgt Ion: 76 Resp: 742574

Ion Ratio Lower Upper

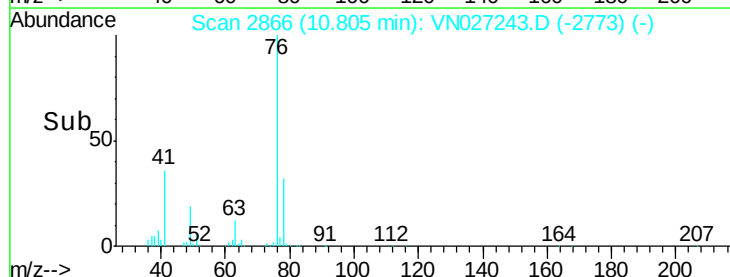
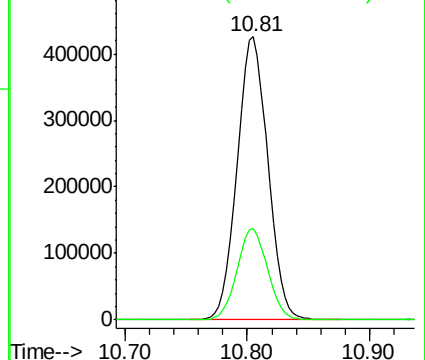
76 100

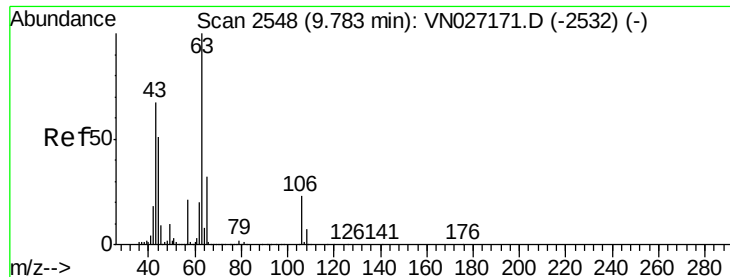
78 32.0 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

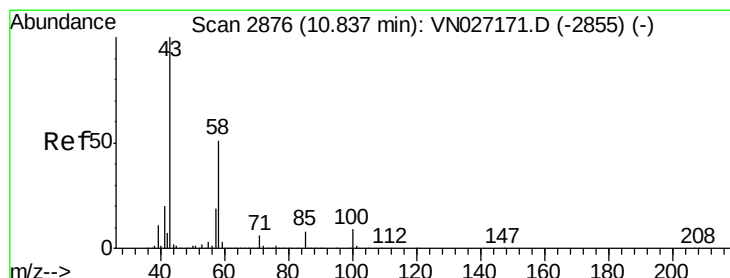
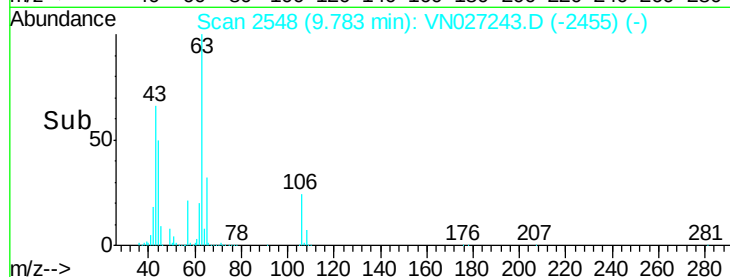
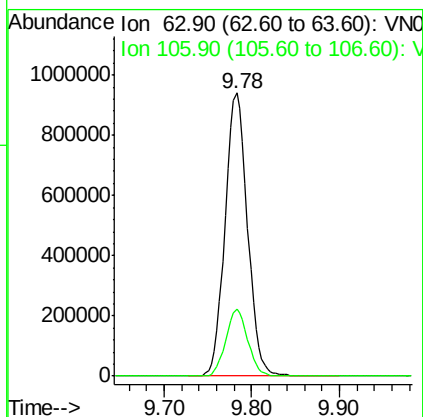
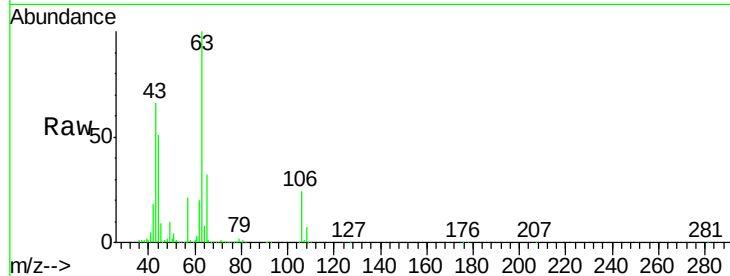




#59
 2-Chloroethyl Vinyl ether
 Concen: 266.41 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

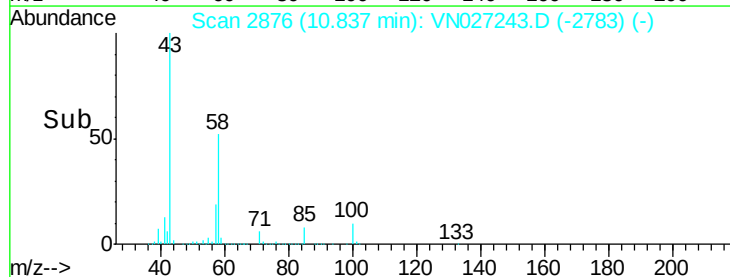
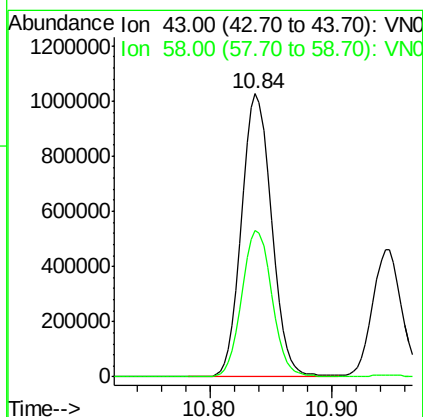
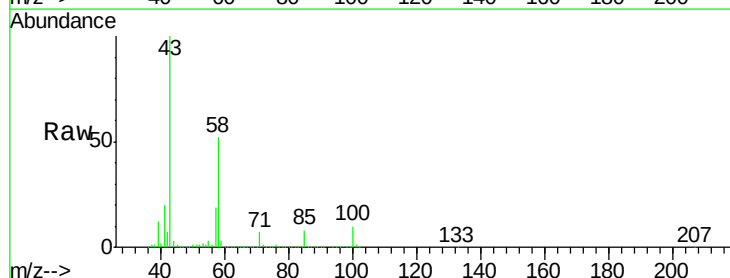
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

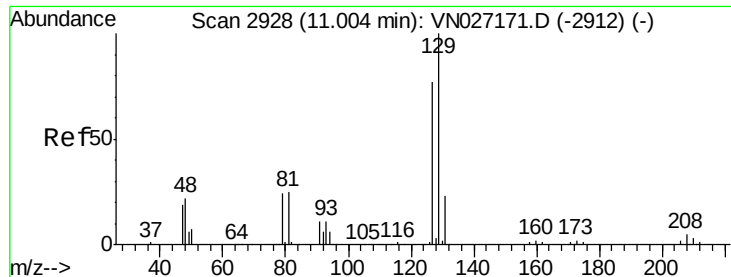
Tgt Ion: 63 Resp: 1676028
 Ion Ratio Lower Upper
 63 100
 106 23.1 17.7 26.5



#60
 2-Hexanone
 Concen: 239.45 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 43 Resp: 1743609
 Ion Ratio Lower Upper
 43 100
 58 52.1 26.2 78.5

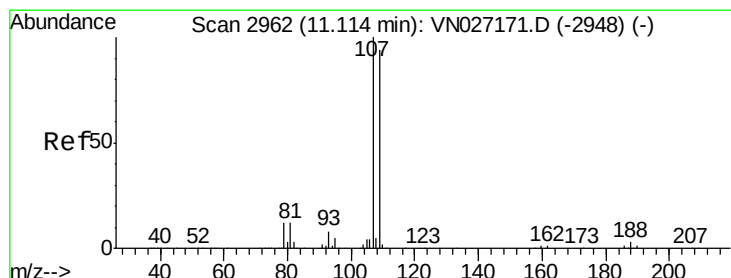
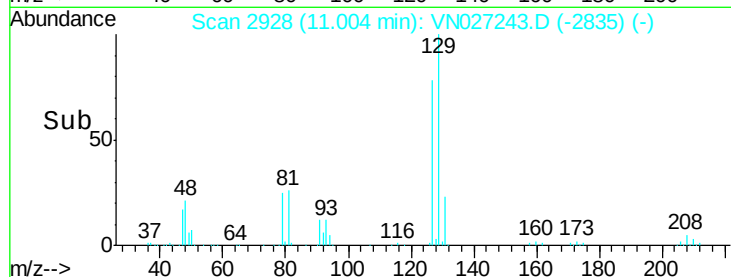
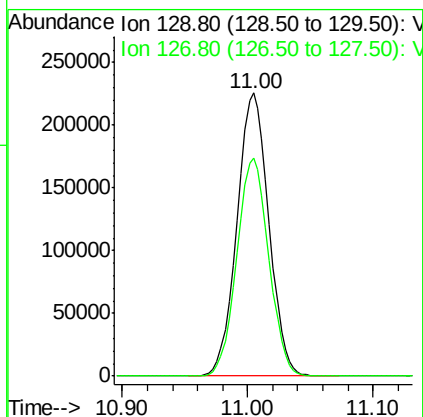
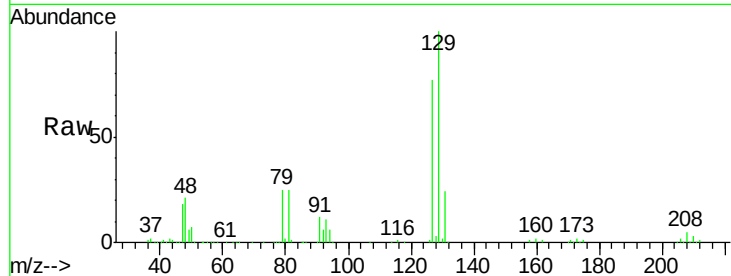




#61
 Dibromochloromethane
 Concen: 47.96 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

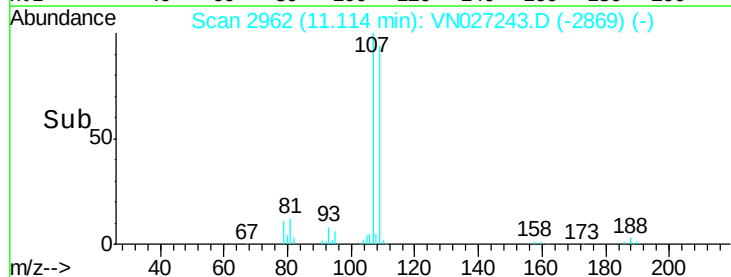
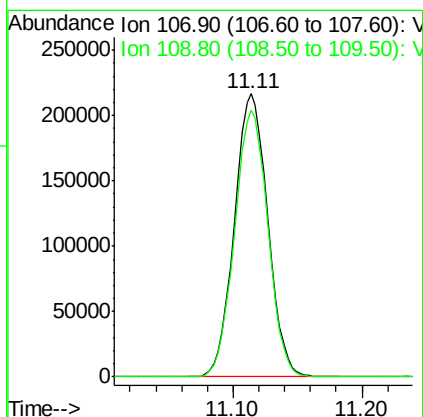
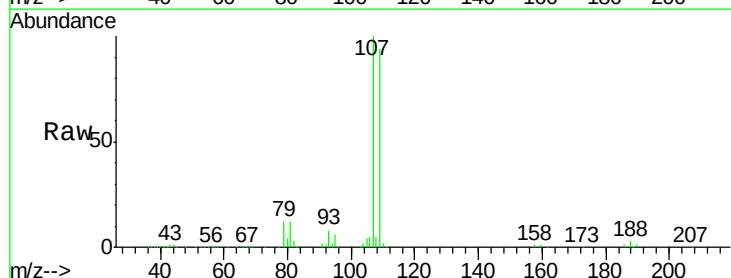
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

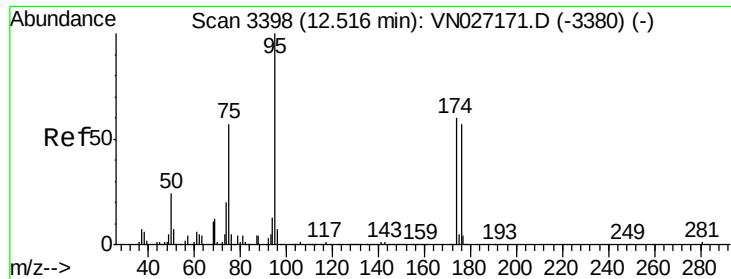
Tgt Ion:129 Resp: 398252
 Ion Ratio Lower Upper
 129 100
 127 77.1 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 48.75 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion:107 Resp: 389471
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4

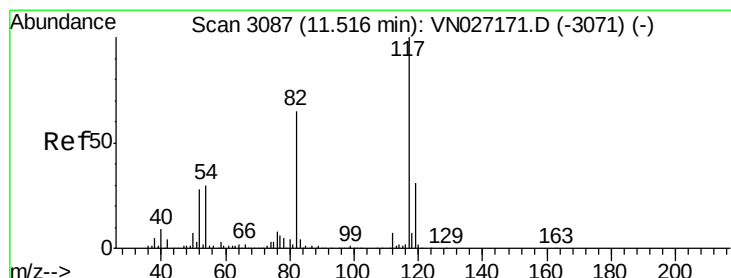
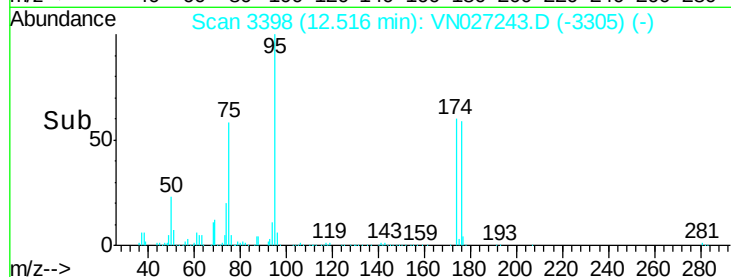
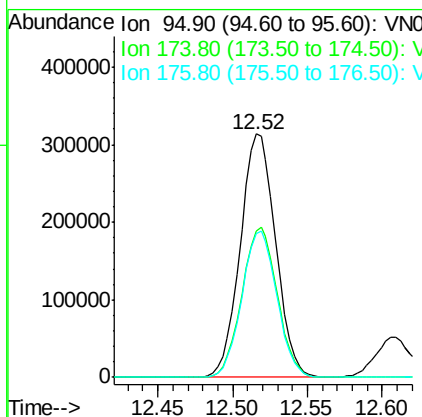
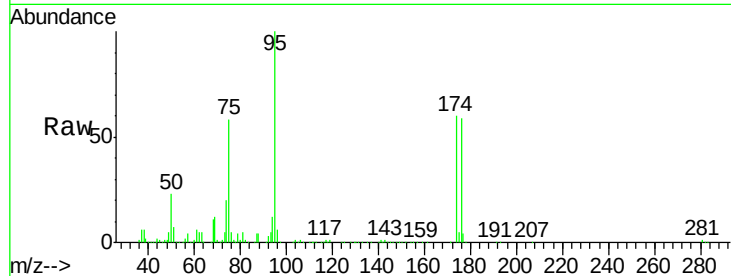




#63
4-Bromofluorobenzene
Concen: 49.57 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

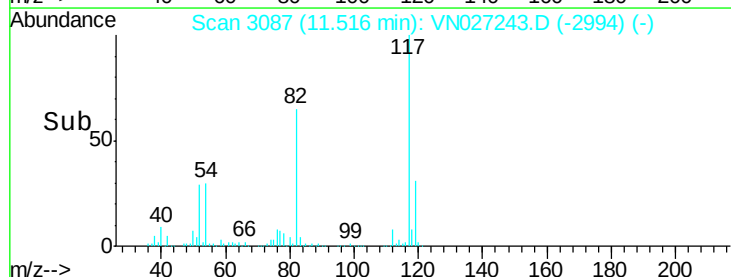
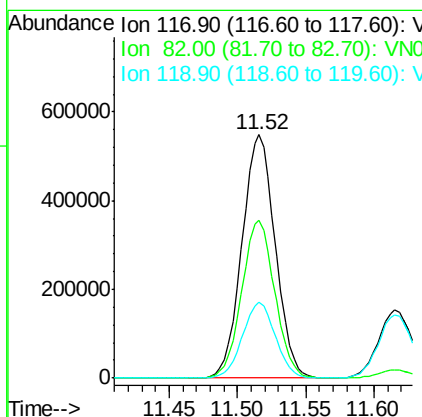
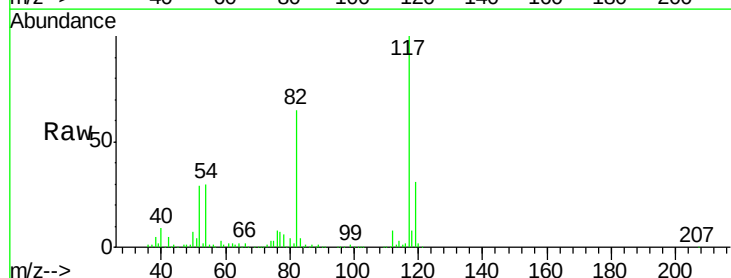
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

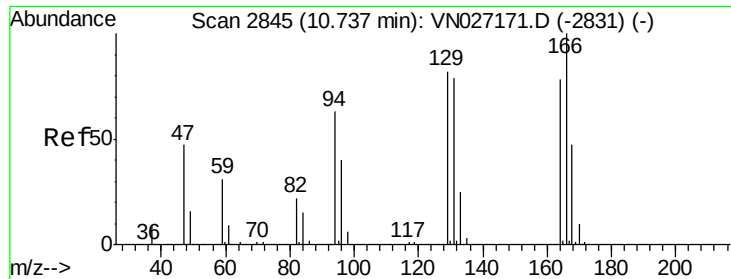
Tgt Ion: 95 Resp: 516418
Ion Ratio Lower Upper
95 100
174 61.7 0.0 137.0
176 59.5 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion: 117 Resp: 926717
Ion Ratio Lower Upper
117 100
82 64.7 49.6 74.4
119 31.0 24.6 36.8

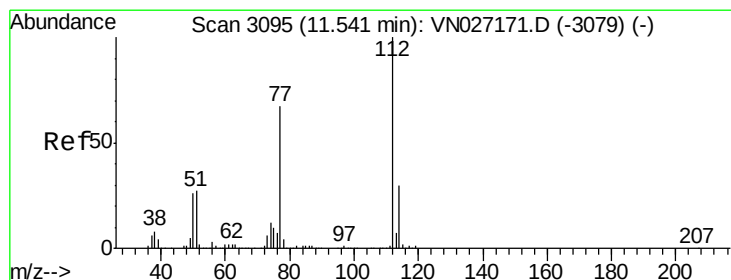
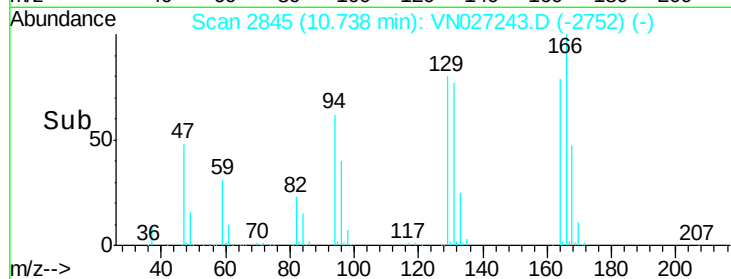
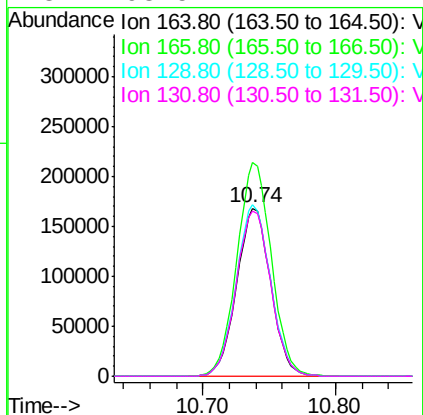
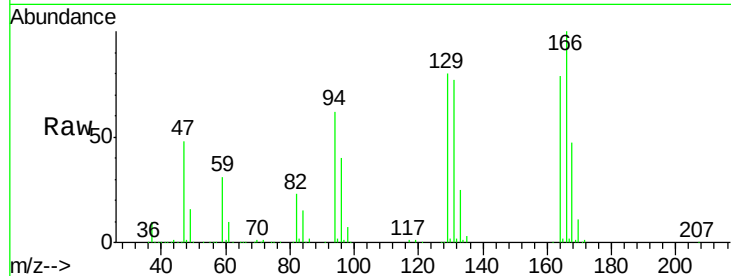




#65
Tetrachloroethene
Concen: 50.36 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

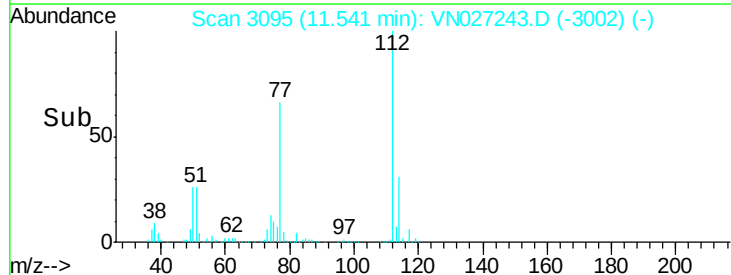
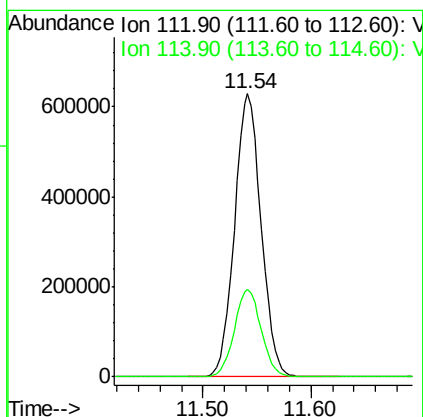
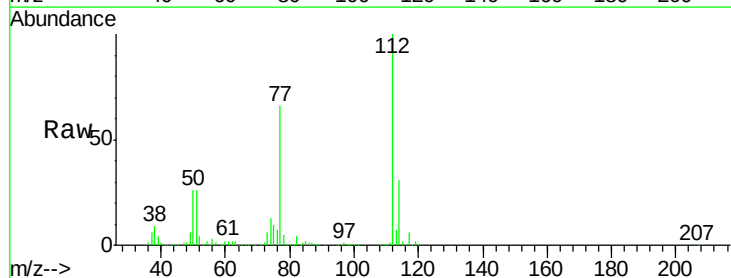
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

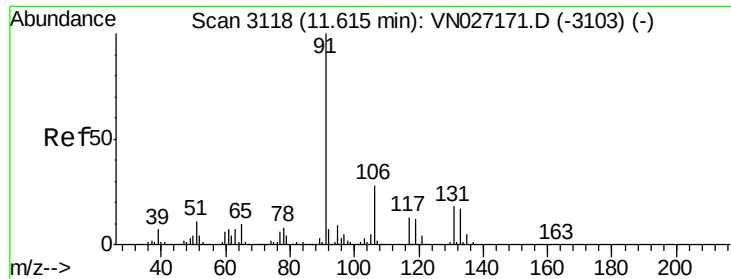
Tgt Ion:164 Resp: 298436
Ion Ratio Lower Upper
164 100
166 127.2 103.4 155.0
129 101.8 77.5 116.3
131 98.5 74.2 111.4



#66
Chlorobenzene
Concen: 49.29 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion:112 Resp: 1078289
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3

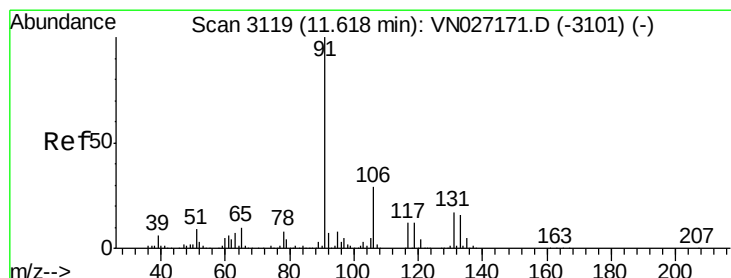
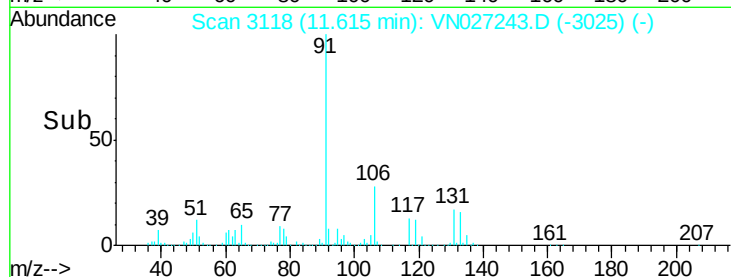
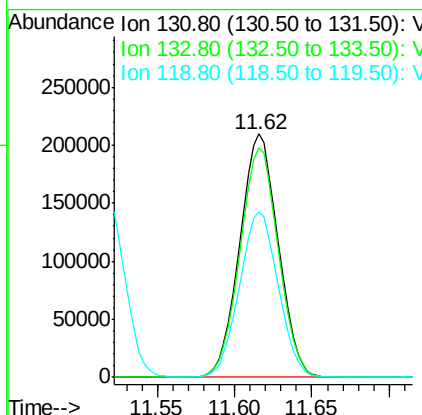
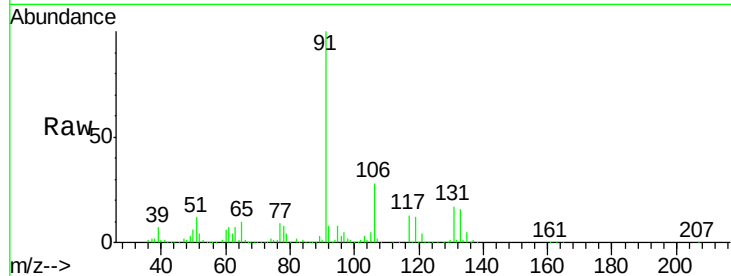




#67
 1,1,1,2-Tetrachloroethane
 Concen: 48.55 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

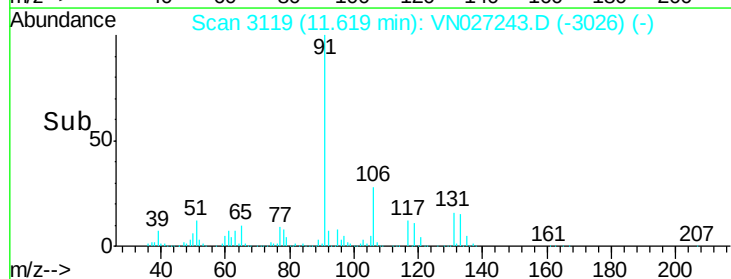
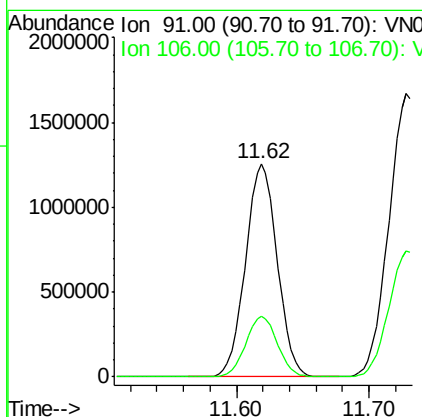
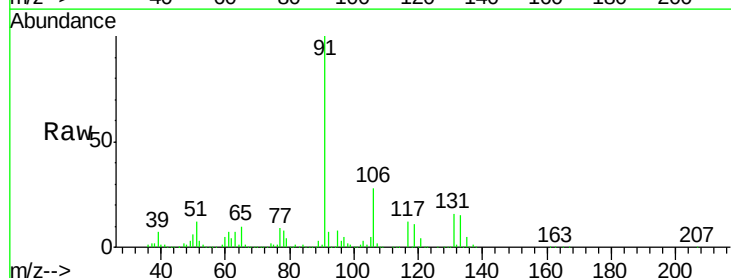
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

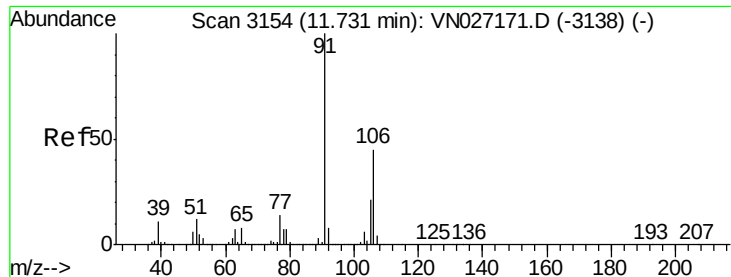
Tgt Ion:131 Resp: 362344
 Ion Ratio Lower Upper
 131 100
 133 94.5 47.0 141.2
 119 68.8 35.1 105.5



#68
 Ethyl Benzene
 Concen: 50.11 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 91 Resp: 2078868
 Ion Ratio Lower Upper
 91 100
 106 28.3 23.1 34.7

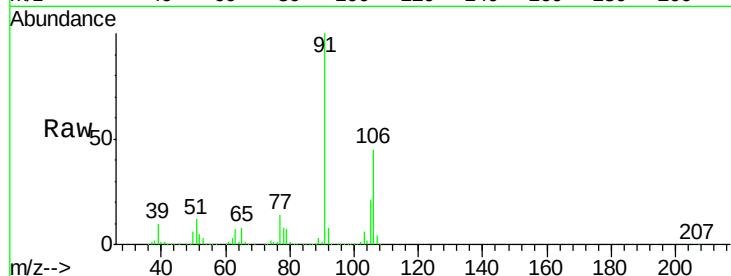




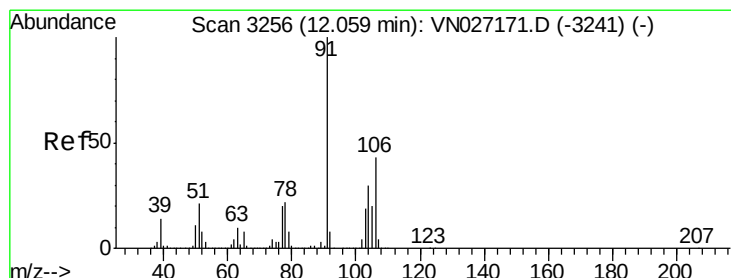
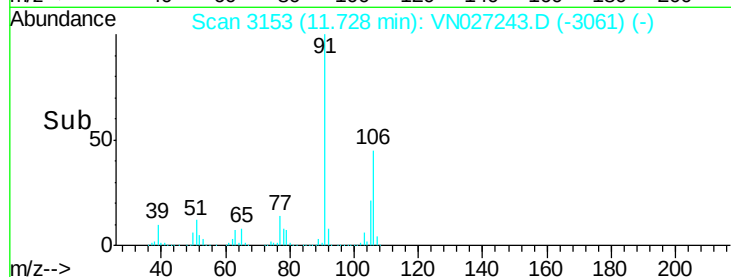
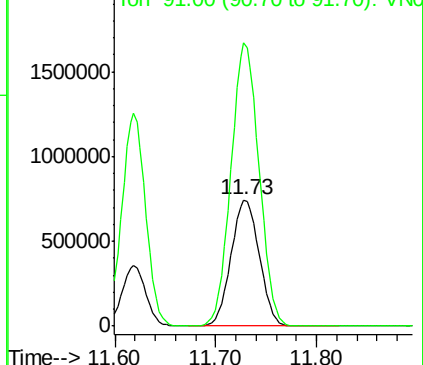
#69
m/p-Xylenes
Concen: 101.16 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1447951
Ion Ratio Lower Upper
106 100
91 222.6 167.1 250.7

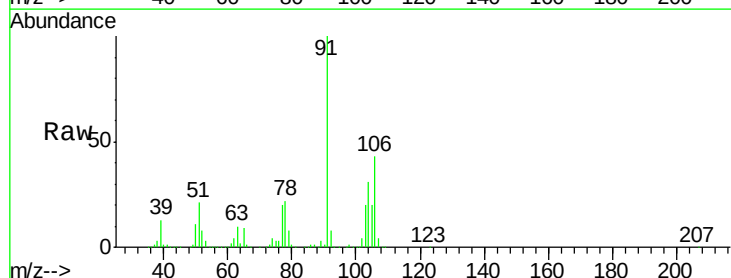


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

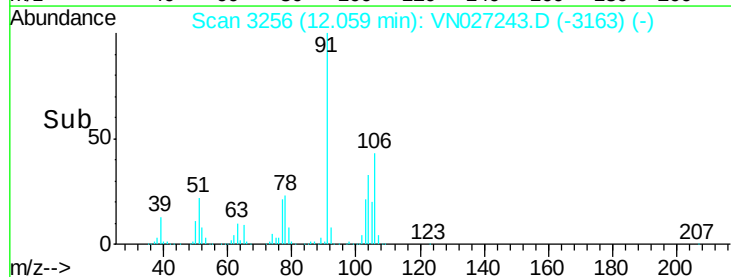
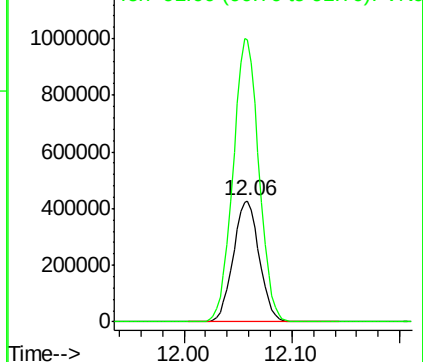


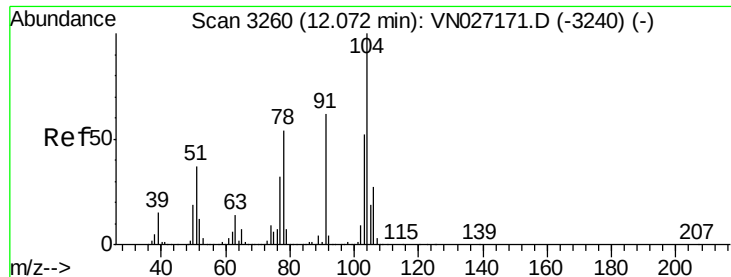
#70
o-Xylene
Concen: 49.88 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion:106 Resp: 715747
Ion Ratio Lower Upper
106 100
91 233.2 110.7 331.9



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





#71

Styrene

Concen: 51.19 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

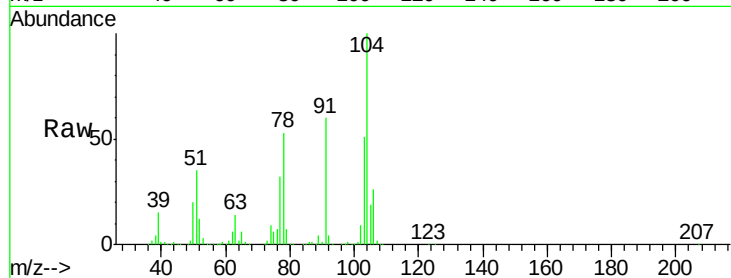
Tgt Ion:104 Resp: 1185811

Ion Ratio Lower Upper

104 100

78 58.1 41.6 62.4

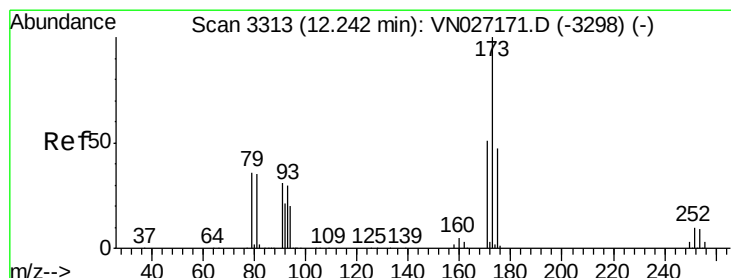
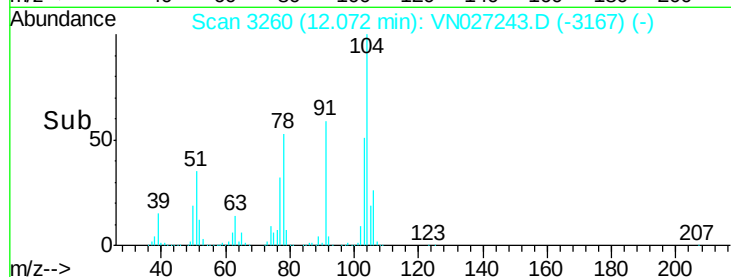
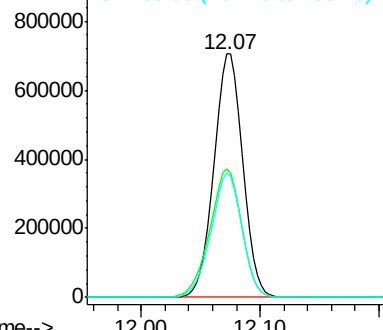
103 54.8 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 46.98 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

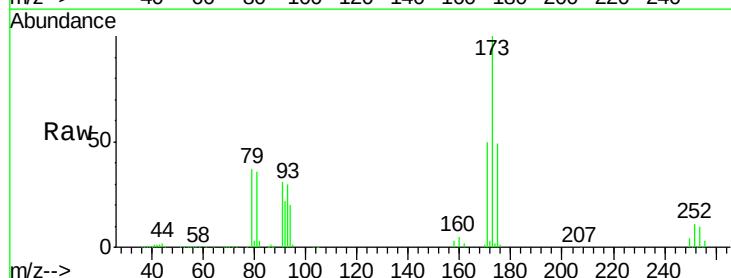
Tgt Ion:173 Resp: 243794

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

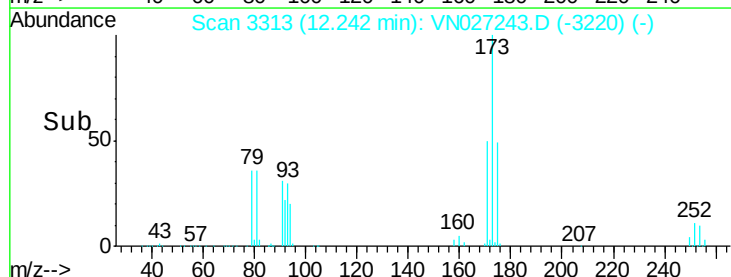
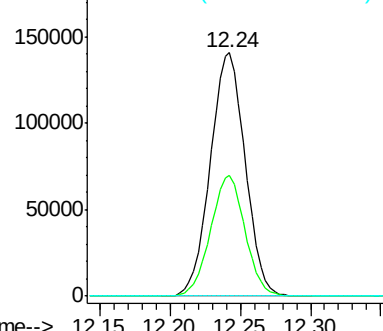
254 0.1 0.1 0.1#

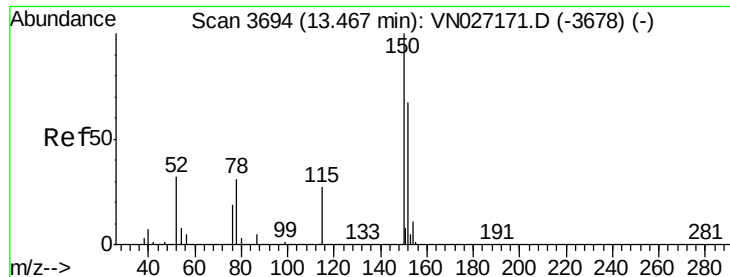


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

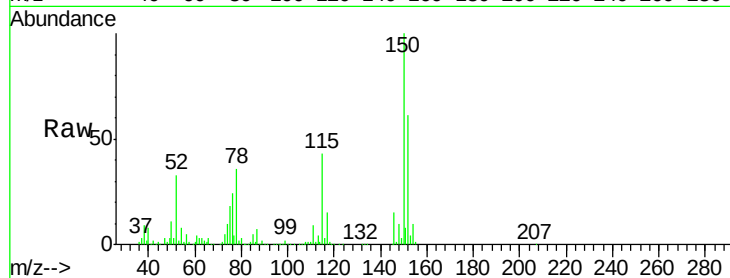
Tgt Ion:152 Resp: 357832

Ion Ratio Lower Upper

152 100

115 68.4 30.8 92.3

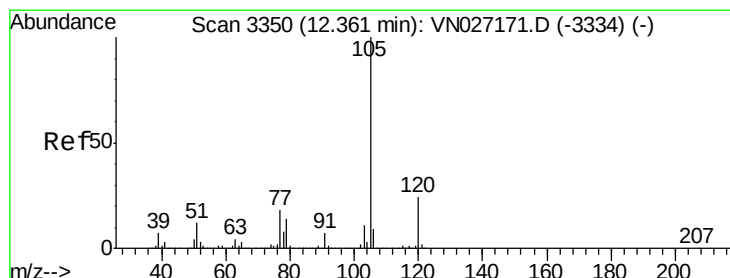
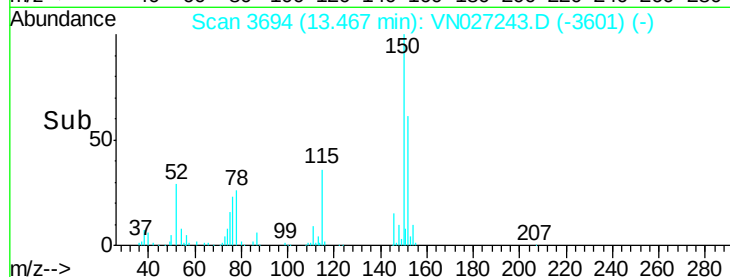
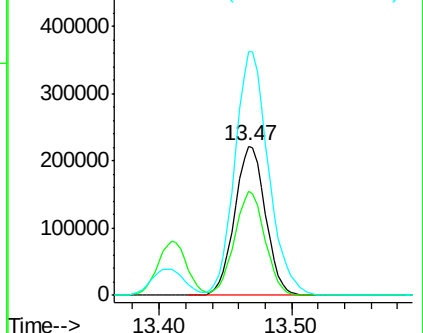
150 178.3 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

Isopropylbenzene

Concen: 48.99 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027243.D

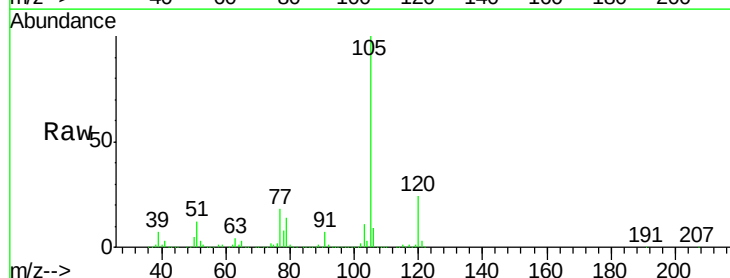
Acq: 17 Sep 2015 9:31

Tgt Ion:105 Resp: 1931849

Ion Ratio Lower Upper

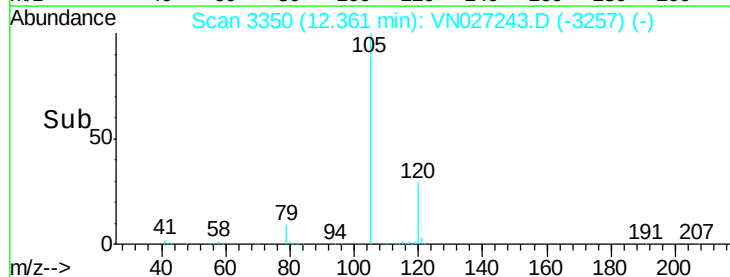
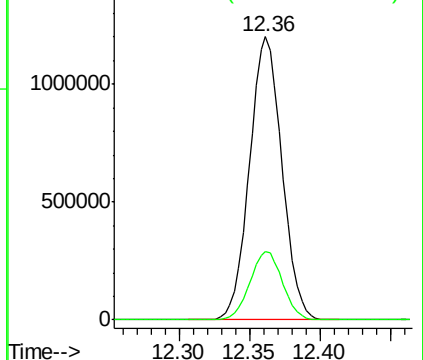
105 100

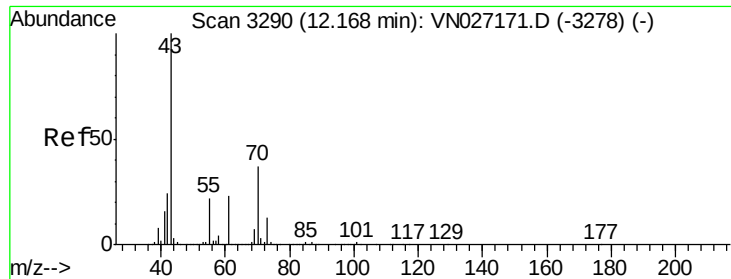
120 24.4 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 45.53 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 801169

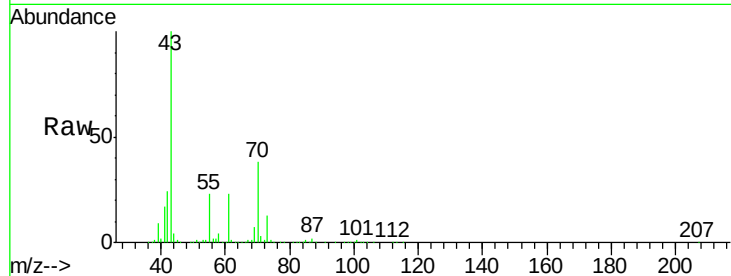
Ion Ratio Lower Upper

43 100

70 37.4 29.8 44.8

55 22.7 19.4 29.0

61 22.6 18.2 27.2

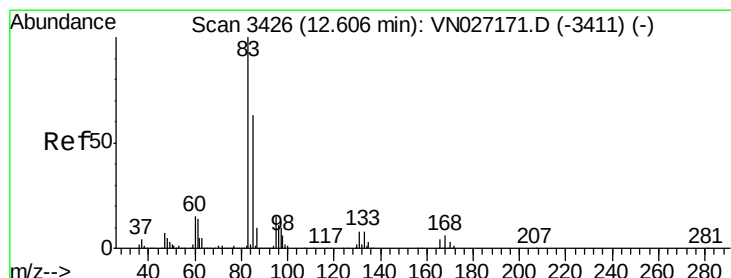
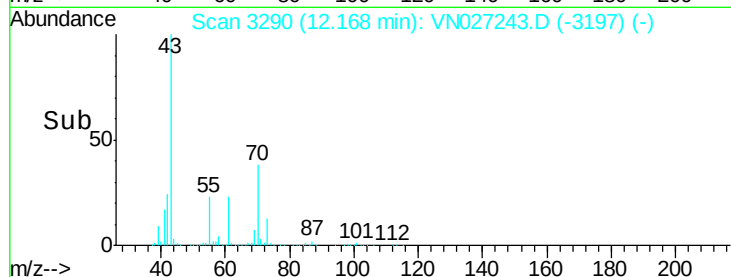
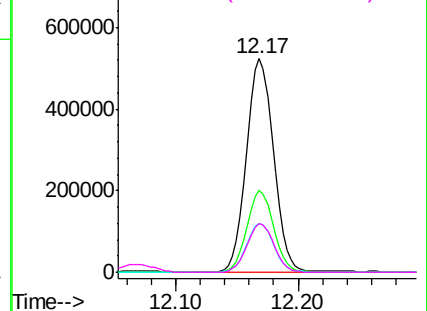


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 50.87 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

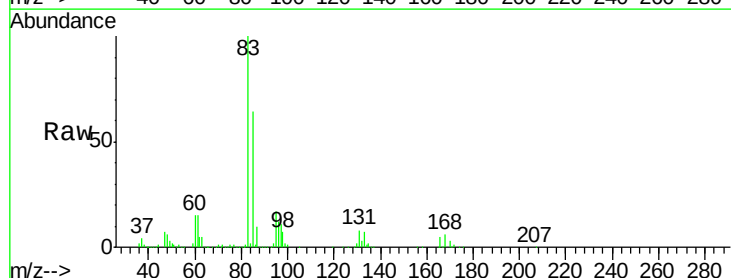
Tgt Ion: 83 Resp: 517195

Ion Ratio Lower Upper

83 100

131 8.8 4.1 12.3

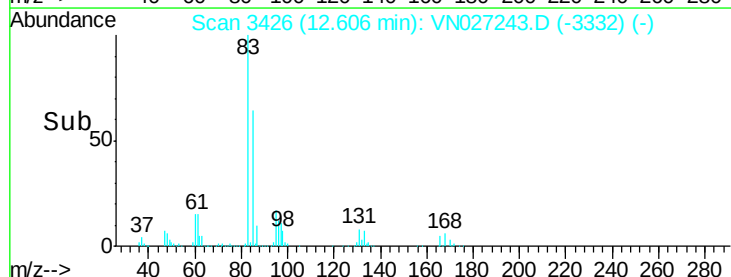
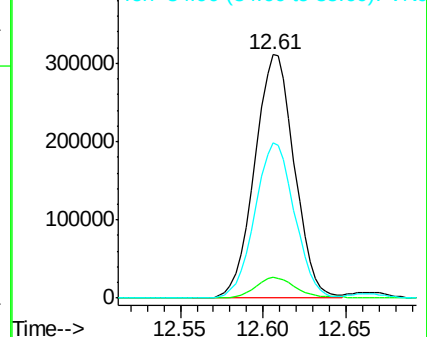
85 63.7 31.9 95.7

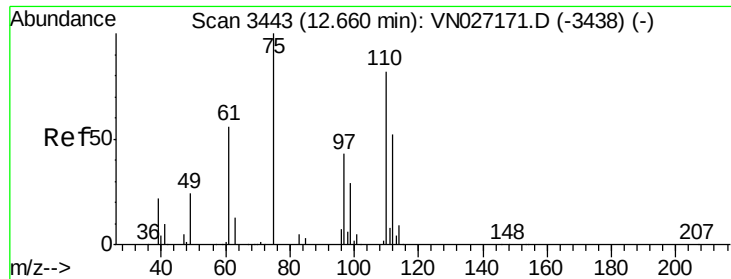


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

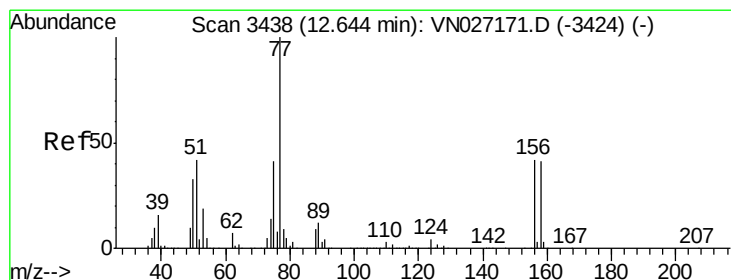
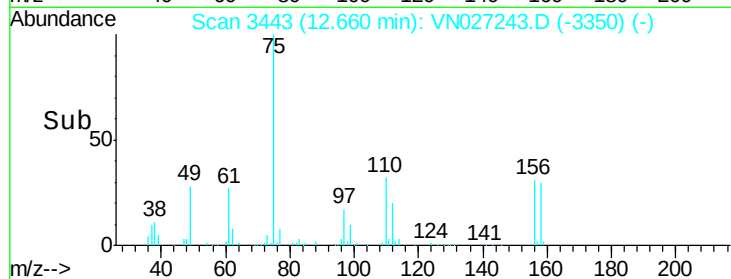
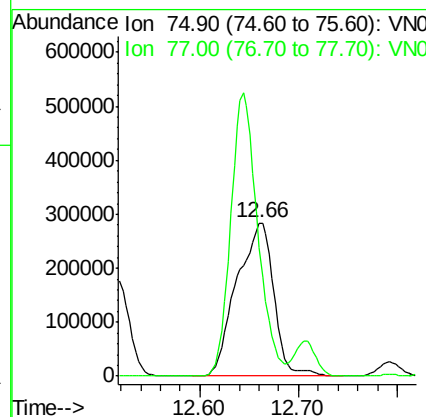
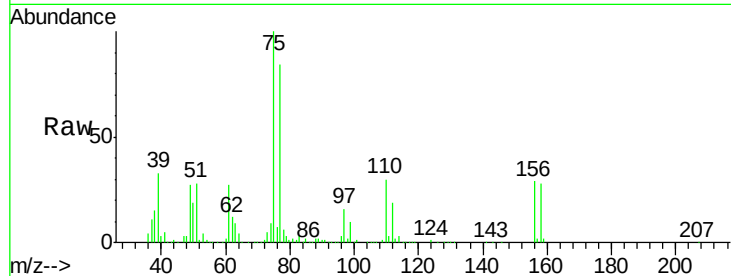




#77
 1,2,3-Trichloropropane
 Concen: 68.53 ug/l
 RT: 12.66 min Scan# 3443
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

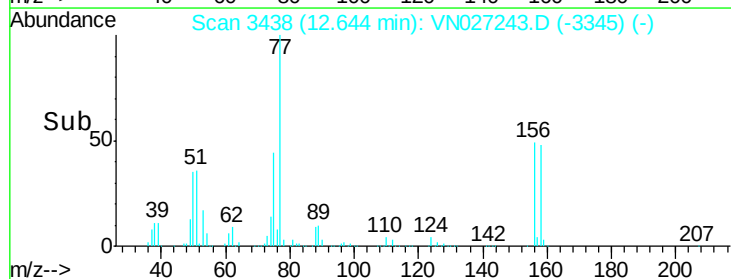
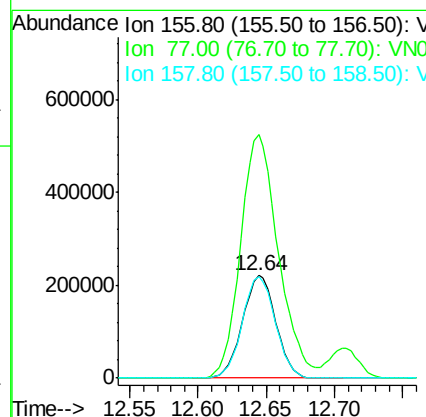
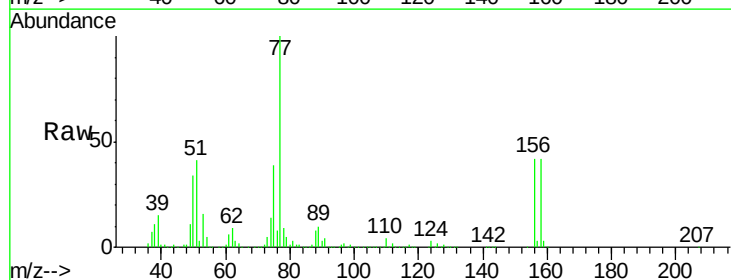
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

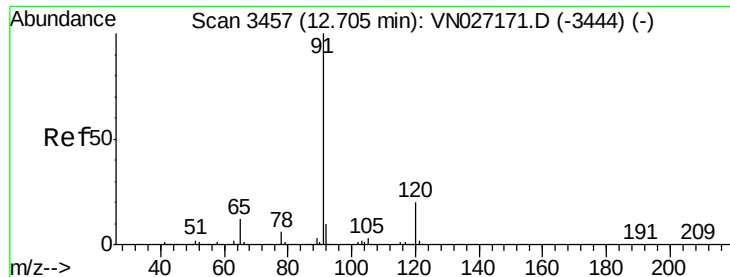
Tgt Ion: 75 Resp: 741092
 Ion Ratio Lower Upper
 75 100
 77 135.7 103.1 309.3



#78
 Bromobenzene
 Concen: 48.33 ug/l
 RT: 12.64 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 156 Resp: 373733
 Ion Ratio Lower Upper
 156 100
 77 269.1 127.3 381.9
 158 98.0 48.0 144.2





#79

n-propylbenzene

Concen: 50.64 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

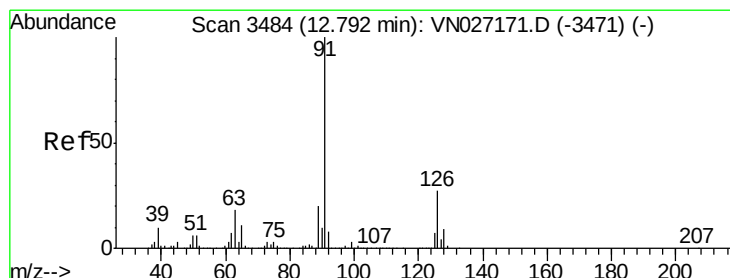
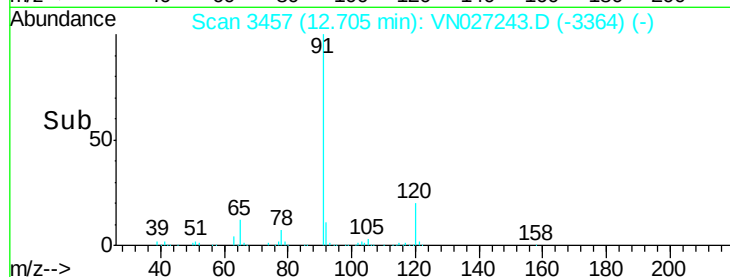
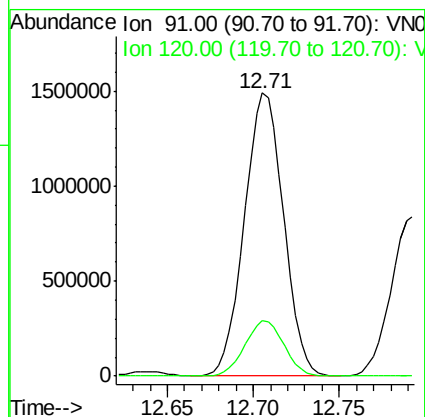
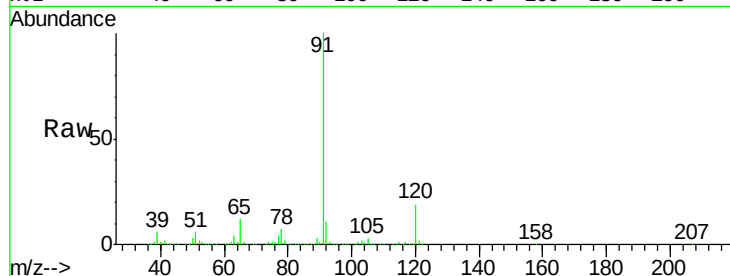
VSTDCCC050

Tgt Ion: 91 Resp: 2349112

Ion Ratio Lower Upper

91 100

120 19.5 10.3 30.8



#80

2-Chlorotoluene

Concen: 49.63 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027243.D

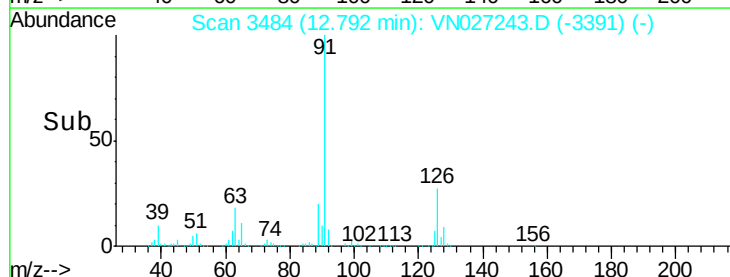
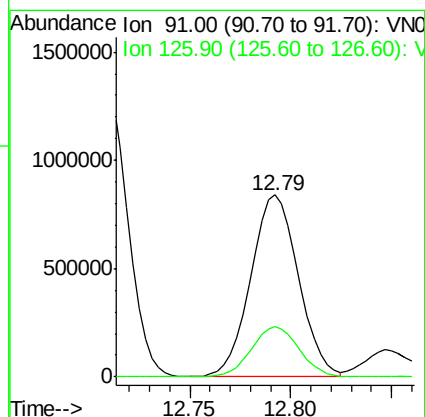
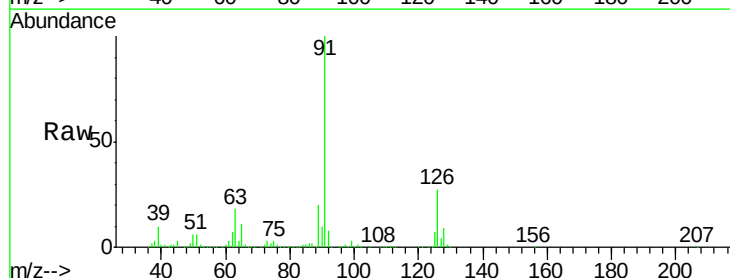
Acq: 17 Sep 2015 9:31

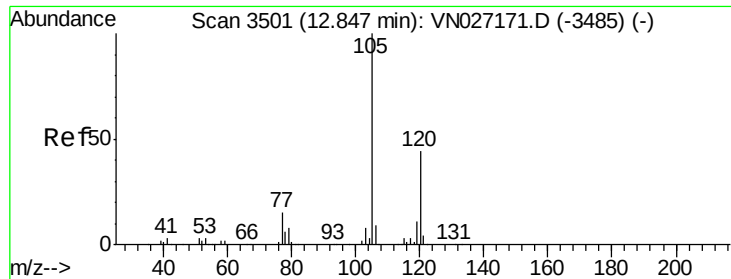
Tgt Ion: 91 Resp: 1382641

Ion Ratio Lower Upper

91 100

126 27.6 15.2 45.5

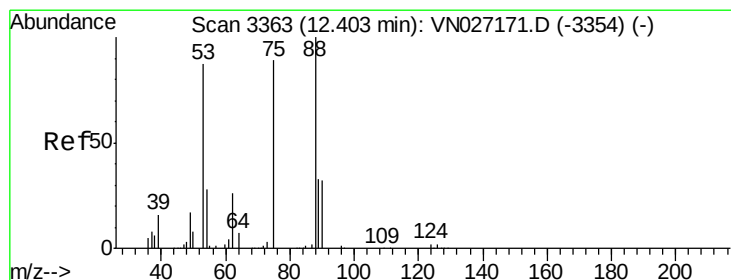
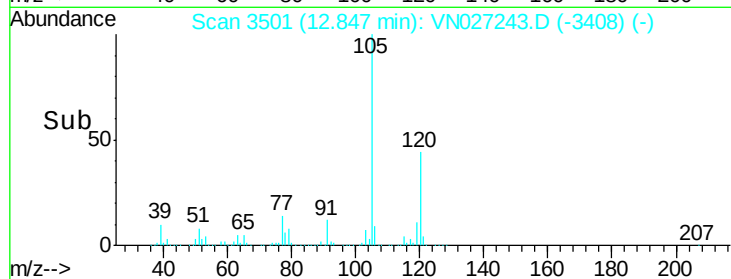
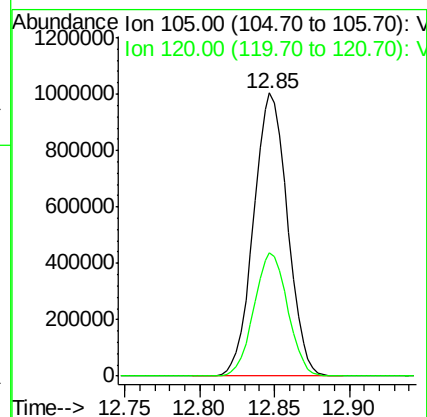
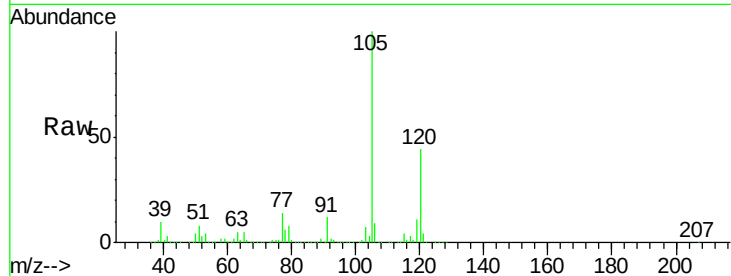




#81
 1,3,5-Trimethylbenzene
 Concen: 49.88 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

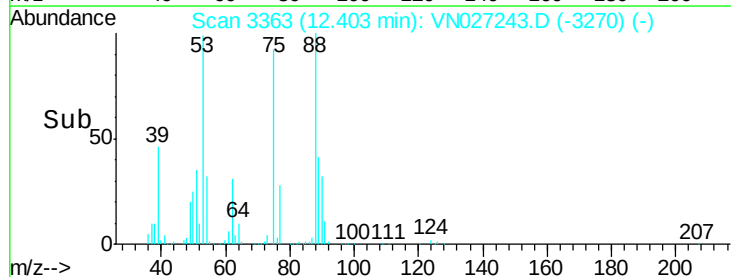
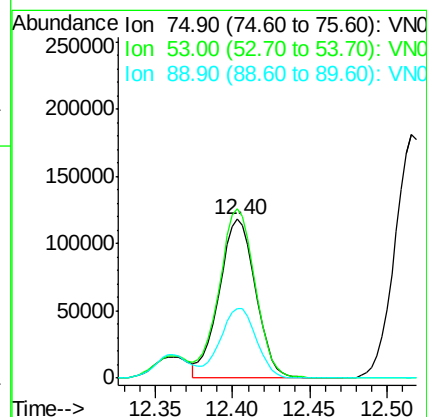
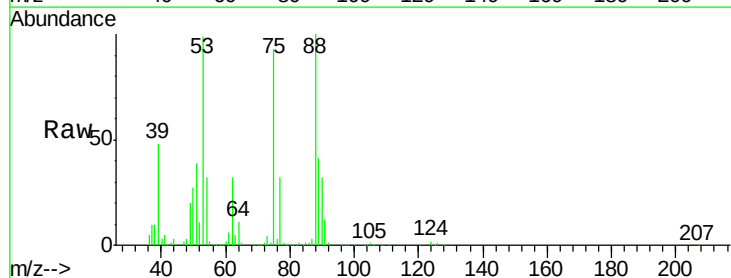
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

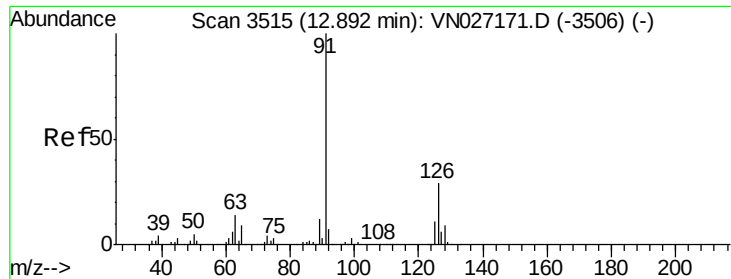
Tgt Ion:105 Resp: 1580103
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 44.05 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 75 Resp: 193929
 Ion Ratio Lower Upper
 75 100
 53 104.6 92.9 139.3
 89 44.0 34.2 51.4

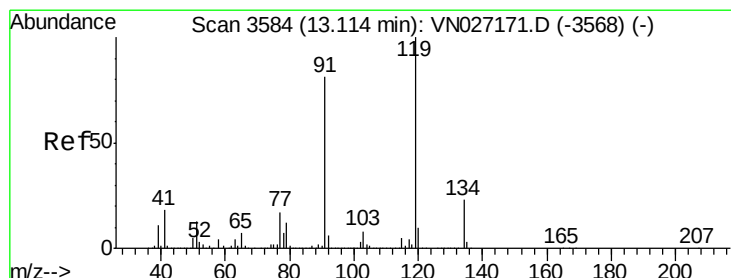
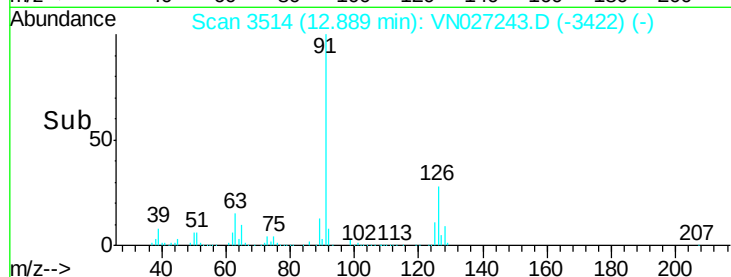
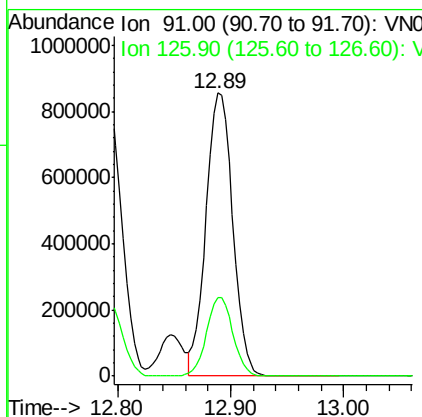
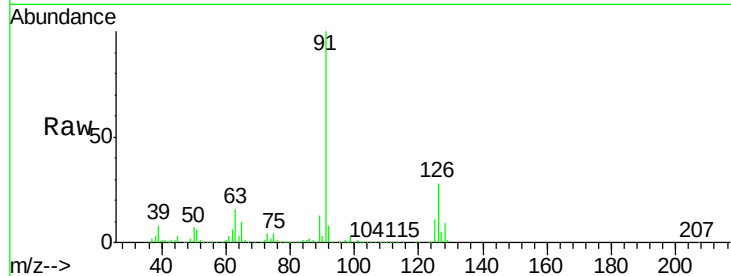




#83
4-Chlorotoluene
Concen: 51.00 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

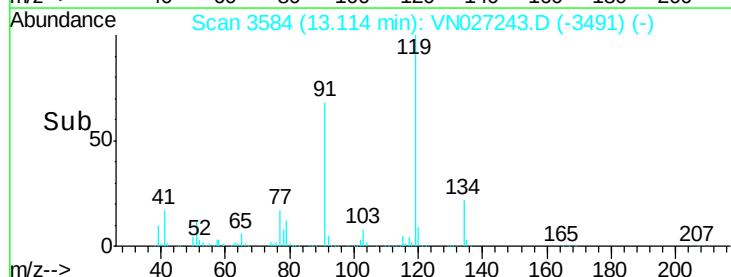
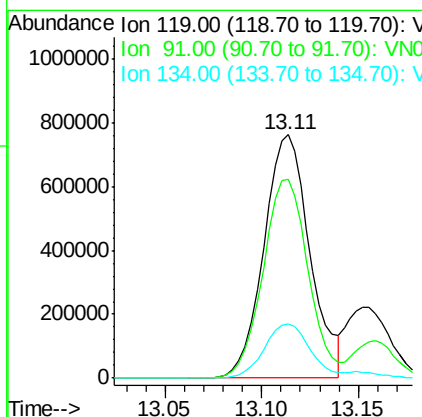
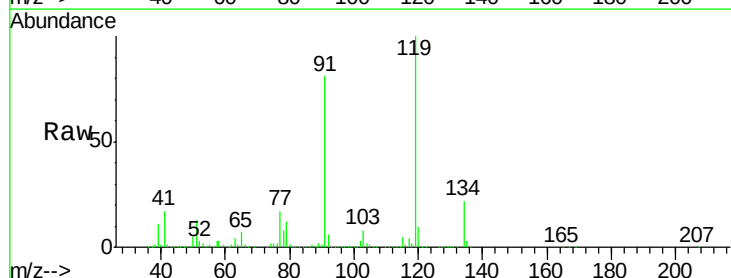
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

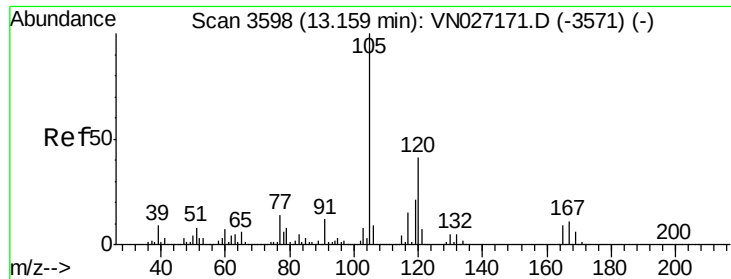
Tgt Ion: 91 Resp: 1395998
Ion Ratio Lower Upper
91 100
126 27.4 14.9 44.5



#84
tert-Butylbenzene
Concen: 48.49 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion: 119 Resp: 1267249
Ion Ratio Lower Upper
119 100
91 79.7 34.6 103.8
134 22.2 11.4 34.2

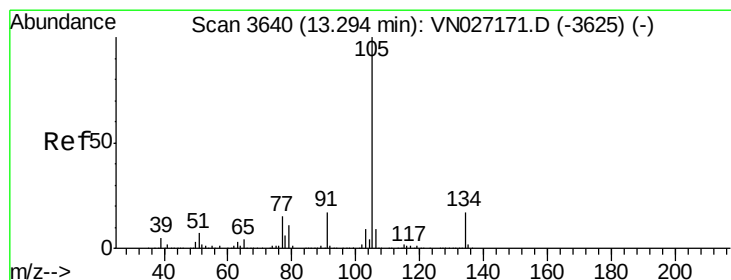
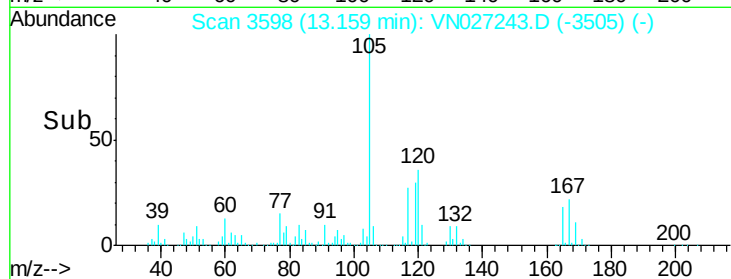
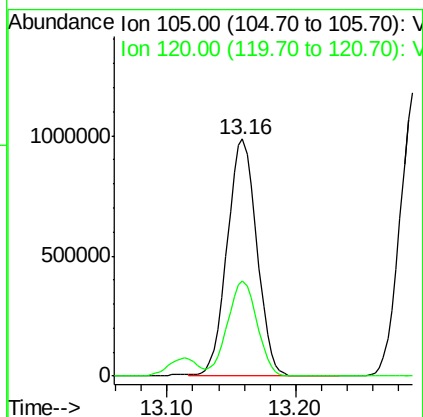
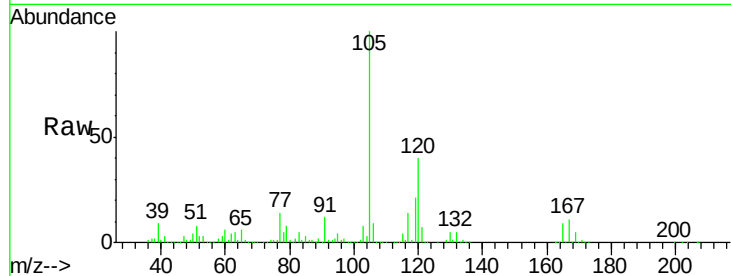




#85
 1,2,4-Trimethylbenzene
 Concen: 49.35 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

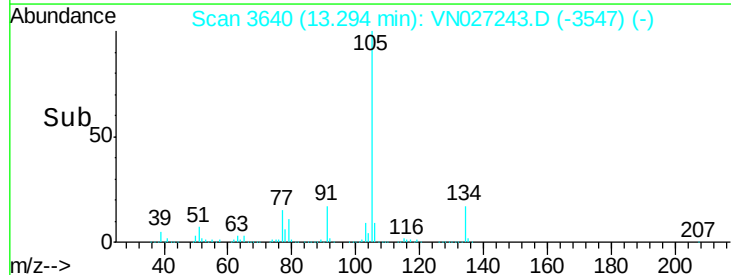
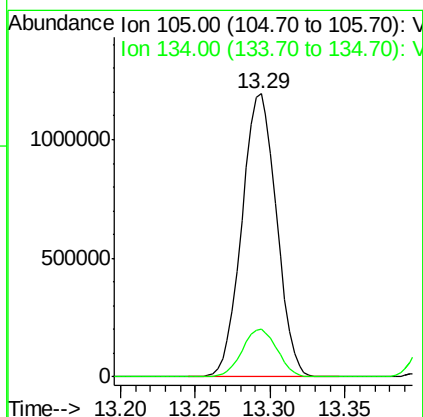
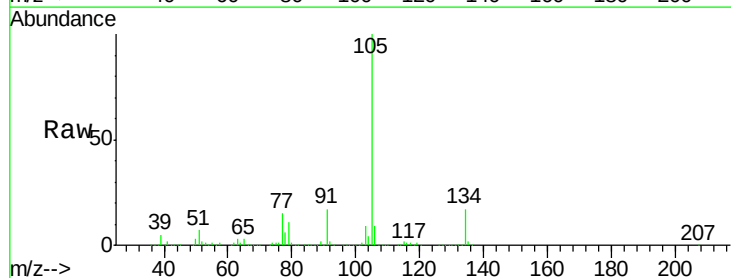
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

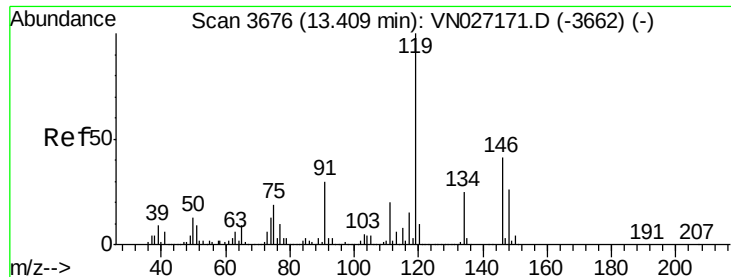
Tgt Ion:105 Resp: 1570046
 Ion Ratio Lower Upper
 105 100
 120 40.3 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 50.23 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion:105 Resp: 1923204
 Ion Ratio Lower Upper
 105 100
 134 17.1 8.8 26.4

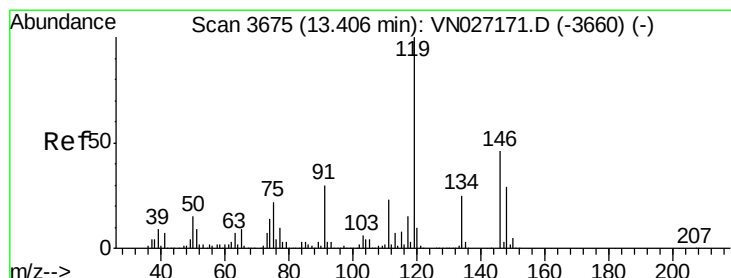
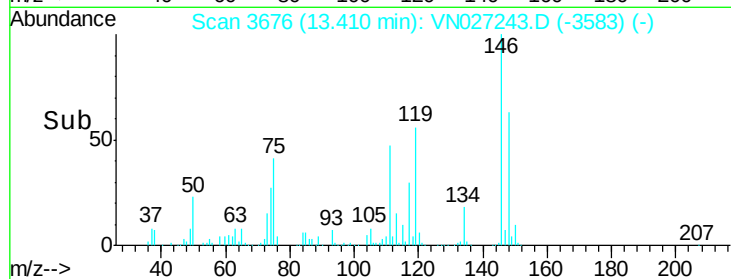
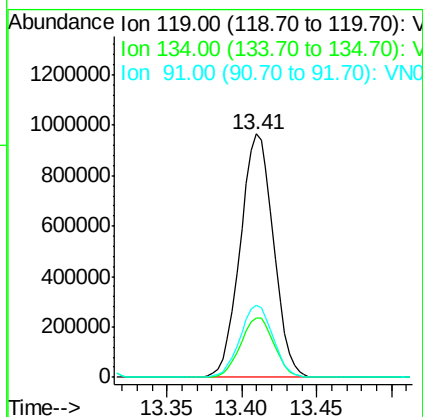
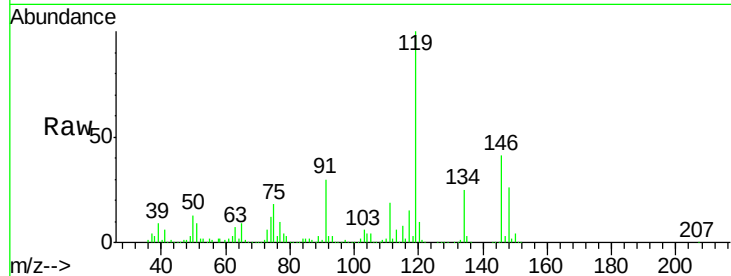




#87
p-Isopropyltoluene
Concen: 50.41 ug/l
RT: 13.41 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

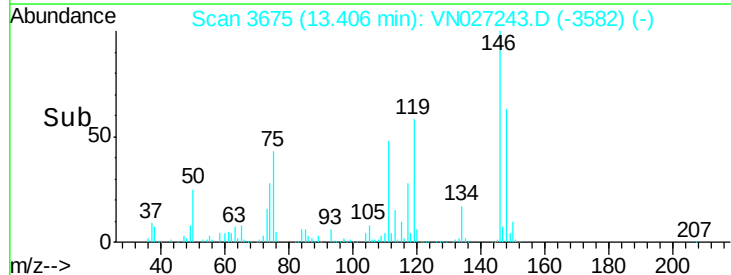
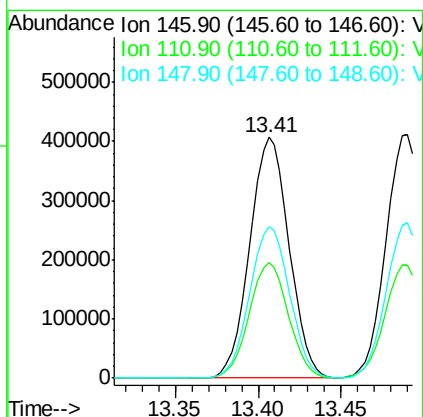
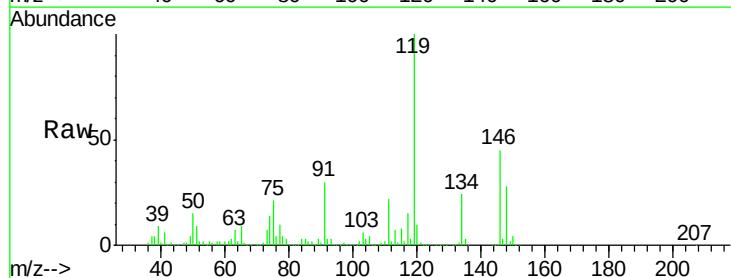
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

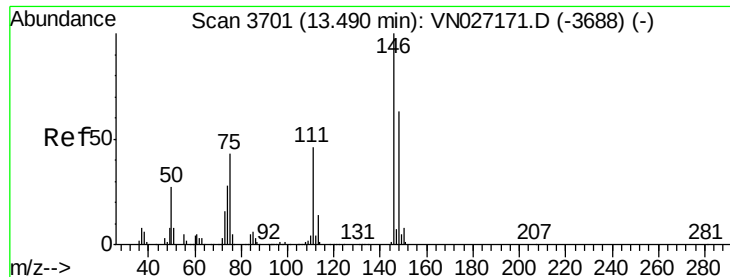
Tgt Ion:119 Resp: 1486664
Ion Ratio Lower Upper
119 100
134 24.6 12.4 37.0
91 29.4 12.0 36.1



#88
1,3-Dichlorobenzene
Concen: 50.70 ug/l
RT: 13.41 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN027243.D
Acq: 17 Sep 2015 9:31

Tgt Ion:146 Resp: 670807
Ion Ratio Lower Upper
146 100
111 47.9 21.0 63.0
148 63.8 31.9 95.9

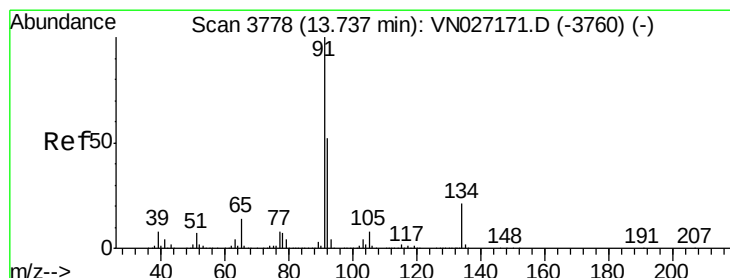
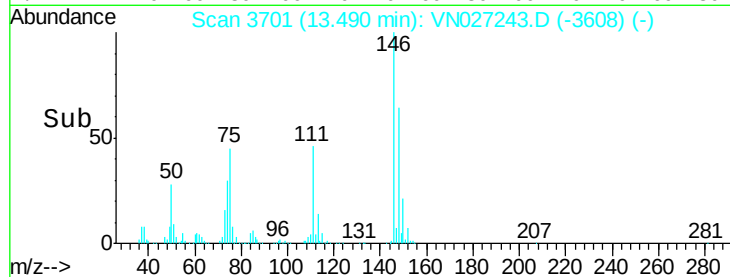
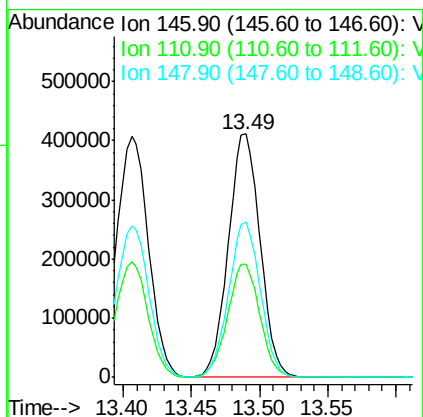
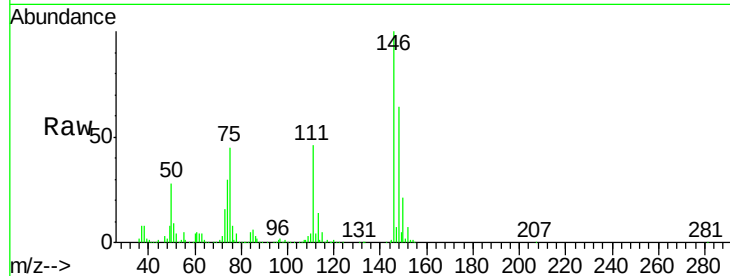




#89
 1,4-Dichlorobenzene
 Concen: 49.57 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

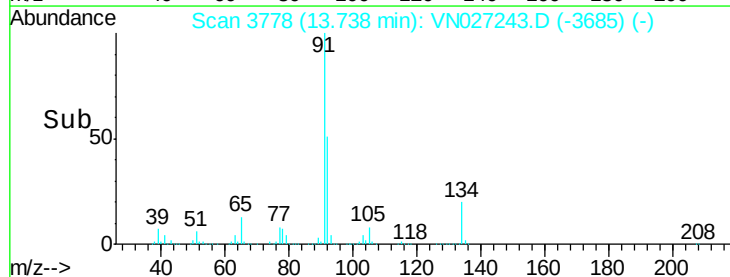
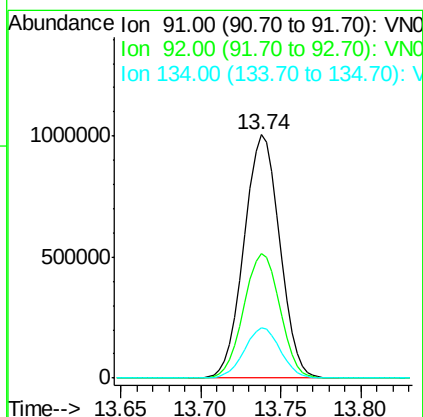
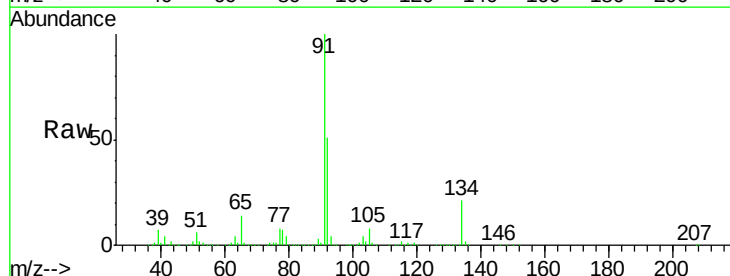
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

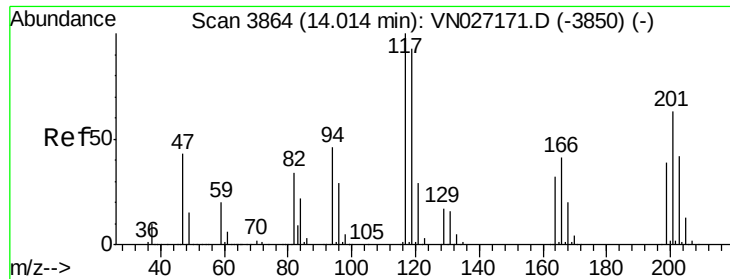
Tgt Ion:146 Resp: 664365
 Ion Ratio Lower Upper
 146 100
 111 47.2 19.9 59.6
 148 63.8 31.7 95.1



#90
 n-Butylbenzene
 Concen: 53.39 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Tgt Ion: 91 Resp: 1528012
 Ion Ratio Lower Upper
 91 100
 92 51.9 26.1 78.2
 134 20.9 11.1 33.1





#91

Hexachloroethane

Concen: 46.76 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

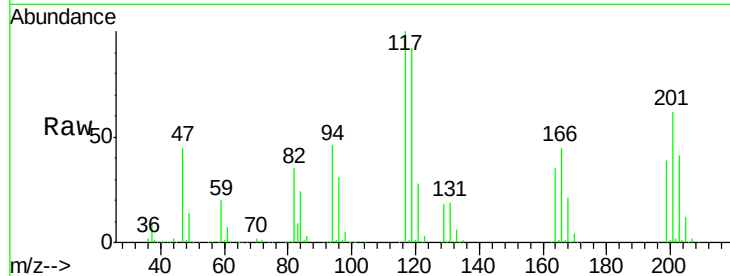
VSTDCCC050

Tgt Ion:117 Resp: 301808

Ion Ratio Lower Upper

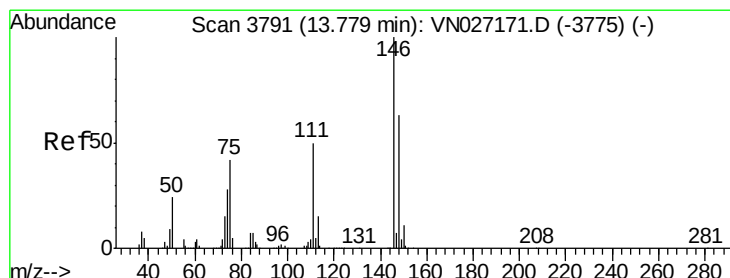
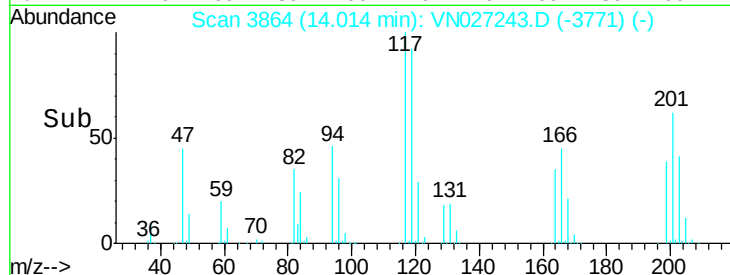
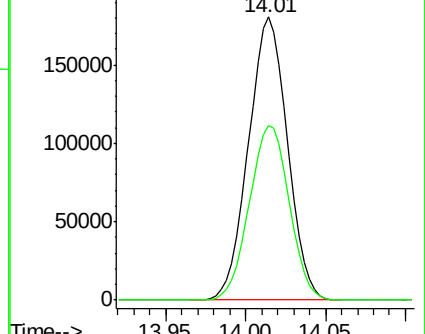
117 100

201 63.1 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: 49.89 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

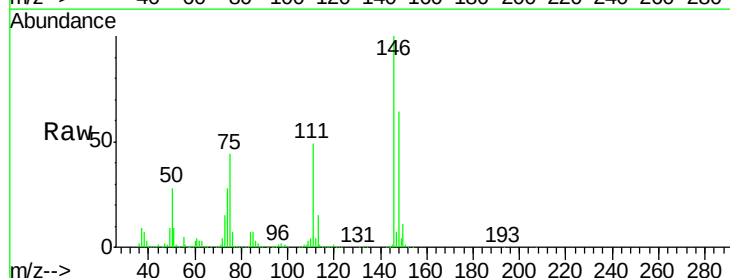
Tgt Ion:146 Resp: 652357

Ion Ratio Lower Upper

146 100

111 49.2 22.1 66.3

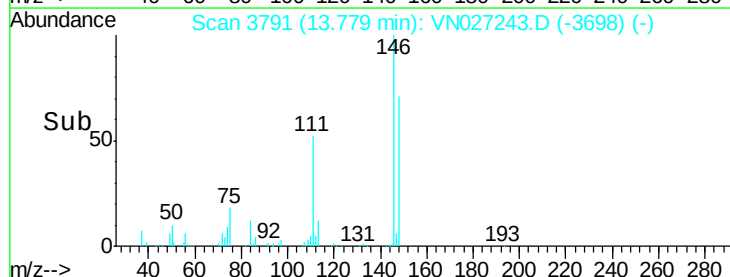
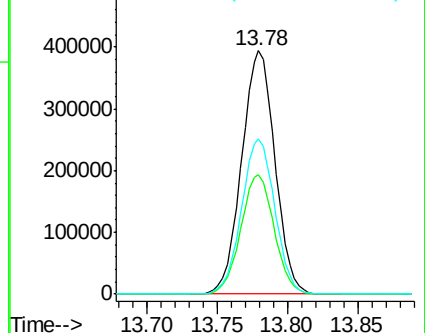
148 63.9 32.0 96.0

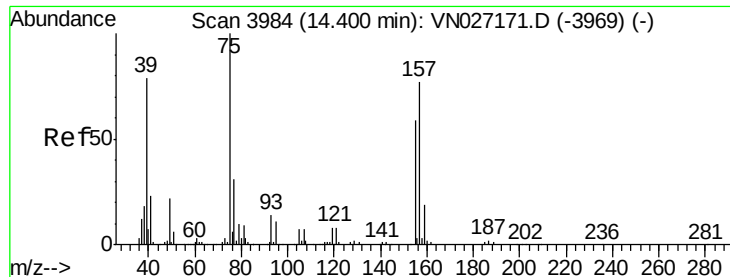


Abundance Ion 145.90 (145.60 to 146.60): V

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: 45.36 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

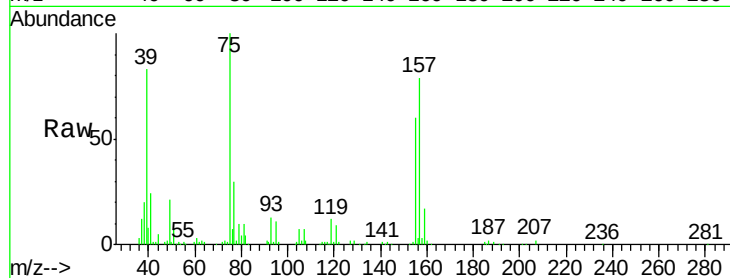
Tgt Ion: 75 Resp: 102448

Ion Ratio Lower Upper

75 100

155 62.3 35.6 106.9

157 79.5 44.6 133.8

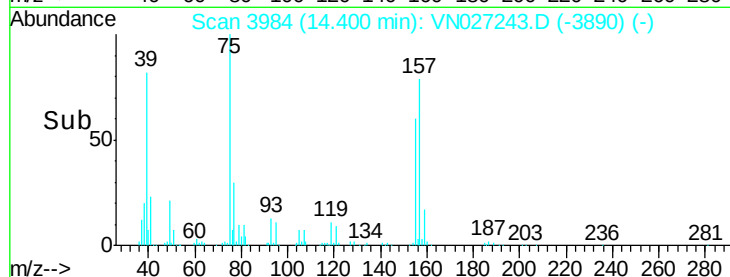


Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-3969) (-)

Ion 154.80 (154.50 to 155.50): VN027171.D (-3969) (-)

Ion 156.80 (156.50 to 157.50): VN027171.D (-3969) (-)

Time-->

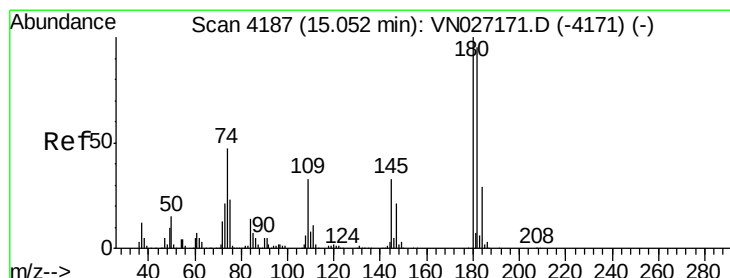


Abundance Ion 74.90 (74.60 to 75.60): VN027243.D (-3890) (-)

Ion 154.80 (154.50 to 155.50): VN027243.D (-3890) (-)

Ion 156.80 (156.50 to 157.50): VN027243.D (-3890) (-)

Time-->



#94

1,2,4-Trichlorobenzene

Concen: 52.85 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

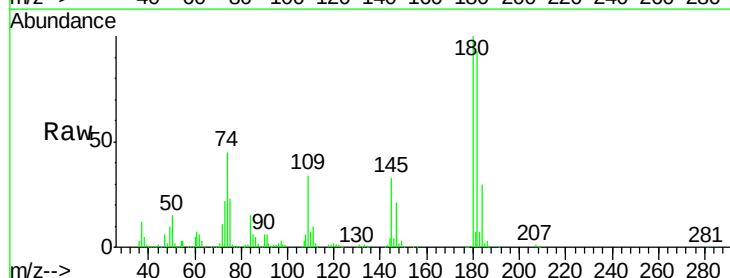
Tgt Ion: 180 Resp: 373309

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 33.2 15.1 45.3

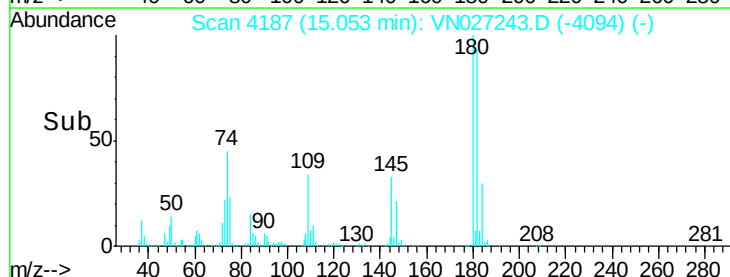


Abundance Ion 179.80 (179.50 to 180.50): VN027171.D (-4171) (-)

Ion 181.80 (181.50 to 182.50): VN027171.D (-4171) (-)

Ion 144.80 (144.50 to 145.50): VN027171.D (-4171) (-)

Time-->

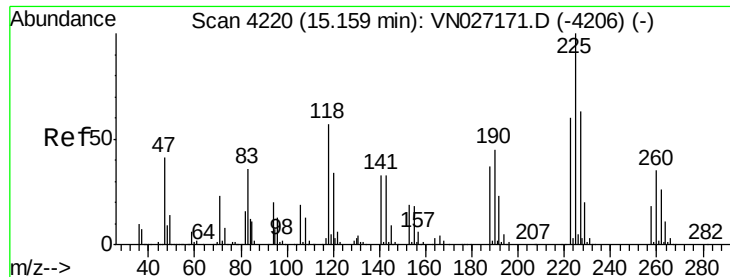


Abundance Ion 179.80 (179.50 to 180.50): VN027243.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027243.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027243.D (-4094) (-)

Time-->



#95

Hexachlorobutadiene

Concen: 52.13 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

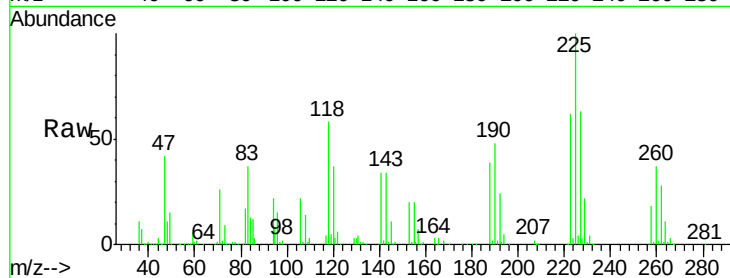
Tgt Ion:225 Resp: 193954

Ion Ratio Lower Upper

225 100

223 62.5 30.8 92.3

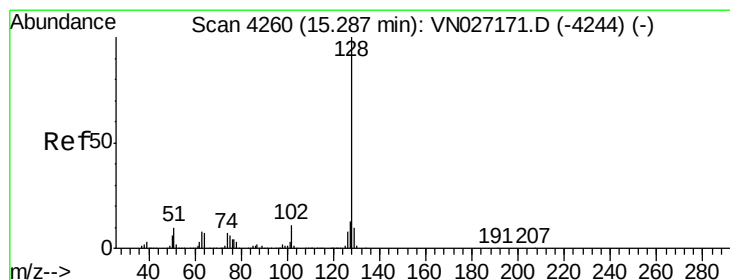
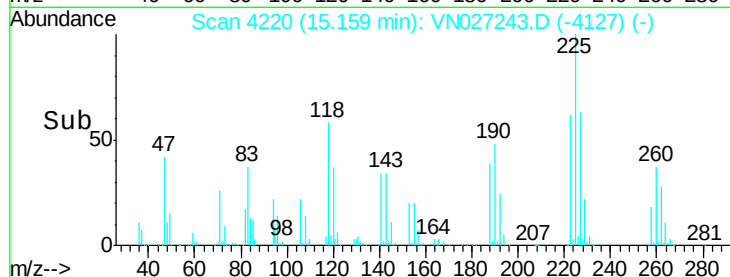
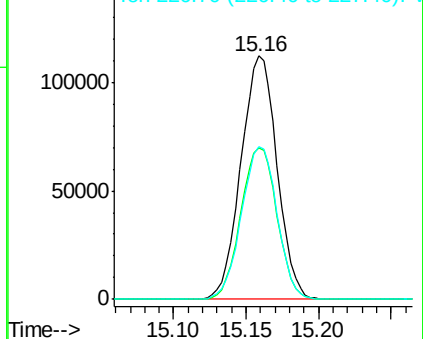
227 62.2 31.7 95.1



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: 49.43 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027243.D

Acq: 17 Sep 2015 9:31

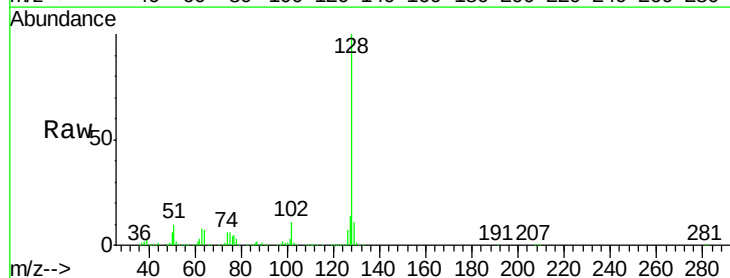
Tgt Ion:128 Resp: 1023679

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

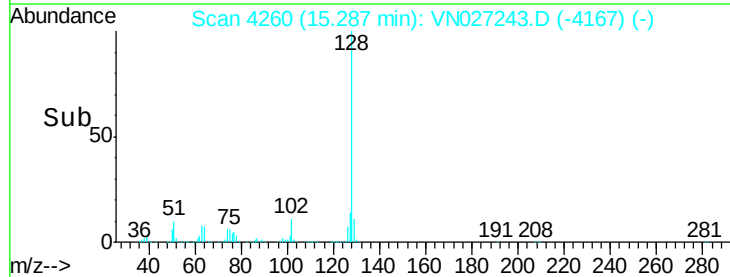
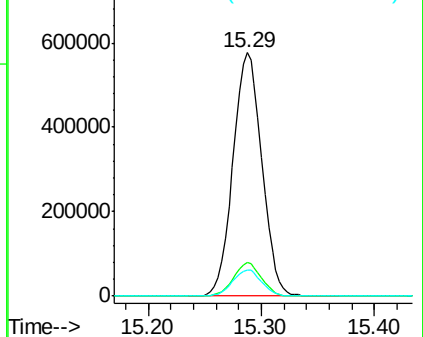
129 10.8 8.6 12.8

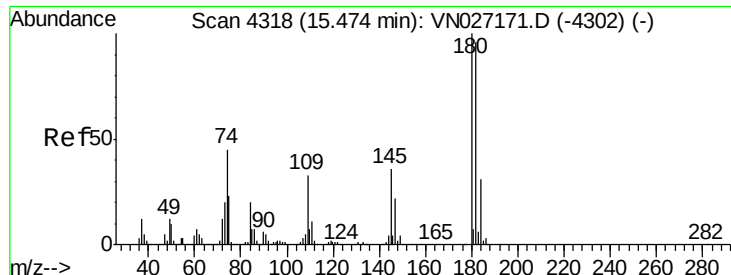


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 51.56 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027243.D
 Acq: 17 Sep 2015 9:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.8	146.4
145	35.2	16.6	49.8

