

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027266.D
 Acq On : 17 Sep 2015 20:17
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 18 01:18:27 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	522111	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	997584	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	845381	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	326555	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	575859	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
36) Dibromofluoromethane	7.68	113	358361	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
51) Toluene-d8	10.19	98	1397758	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
63) 4-Bromofluorobenzene	12.52	95	499619	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	294545	47.15	ug/l	99
3) Chlorodifluoromethane	1.82	51	372648	51.55	ug/l	# 92
4) Chloromethane	2.01	50	324841	46.51	ug/l	98
5) Vinyl Chloride	2.14	62	363186	49.22	ug/l	99
6) Bromomethane	2.54	94	156739	43.49	ug/l	99
7) Chloroethane	2.68	64	235303	46.92	ug/l	99
8) Trichlorofluoromethane	3.02	101	537140	48.19	ug/l	98
9) Diethyl Ether	3.42	74	242283	47.24	ug/l	86
10) 1,1,2-Trichlorotrifluoroet	3.79	101	332622	47.52	ug/l	96
11) Methyl Iodide	3.99	142	264206	38.83	ug/l	93
12) Tert butyl alcohol	4.80	59	248286	237.35	ug/l	97
13) 1,1-Dichloroethene	3.76	96	316219	47.17	ug/l	92
14) Acrolein	3.62	56	372296	302.96	ug/l	96
15) Allyl chloride	4.37	41	628664	46.43	ug/l	# 83
16) Acrylonitrile	5.02	53	879168	257.00	ug/l	99
17) Acetone	3.82	43	692470	240.09	ug/l	95
18) Carbon Disulfide	4.11	76	971117	44.48	ug/l	100
19) Methyl Acetate	4.36	43	1054338	50.47	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	1301912	48.37	ug/l	97
21) Methylene Chloride	4.60	84	390921	48.65	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	346859	47.84	ug/l	93
23) Diisopropyl ether	6.04	45	1356852	47.76	ug/l	# 90
24) Vinyl Acetate	5.97	43	2325659	247.33	ug/l	98
25) 1,1-Dichloroethane	5.93	63	781586	47.36	ug/l	99
26) 2-Butanone	6.91	43	1077313	248.04	ug/l	97
27) 2,2-Dichloropropane	6.92	77	627228	43.80	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	409830	49.28	ug/l	96
29) Bromochloromethane	7.29	49	298664	46.62	ug/l	97
30) Tetrahydrofuran	7.31	42	696921	232.82	ug/l	91
31) Chloroform	7.46	83	742649	49.80	ug/l	100
32) Cyclohexane	7.77	56	717111	48.79	ug/l	93
33) 1,1,1-Trichloroethane	7.67	97	651377	48.99	ug/l	96
37) 1,1-Dichloropropene	7.89	75	556976	47.69	ug/l	98
38) Ethyl Acetate	7.01	43	495183	49.88	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	524143	47.74	ug/l	99
40) Methylcyclohexane	9.19	83	662681	46.60	ug/l	97
41) Benzene	8.14	78	1622417	47.62	ug/l	99
42) Methacrylonitrile	7.24	41	276682	49.01	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	648889	47.27	ug/l	96
44) Isopropyl Acetate	8.25	43	892579	47.83	ug/l	98
45) Trichloroethene	8.93	130	327837	47.90	ug/l	90
46) 1,2-Dichloropropane	9.22	63	455396	46.46	ug/l	99
47) Dibromomethane	9.31	93	273757	47.56	ug/l	93
48) Bromodichloromethane	9.49	83	575058	47.41	ug/l	98
49) Methyl methacrylate	9.29	41	433831	46.66	ug/l #	86
50) 1,4-Dioxane	9.30	88	103899	952.83	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	2335305	236.69	ug/l	99
53) Toluene	10.26	92	951277	47.66	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	625500	45.92	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	684670	46.20	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	366307	48.84	ug/l	97
57) Ethyl methacrylate	10.52	69	602084	47.63	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	668922	48.04	ug/l	97
59) 2-Chloroethyl Vinyl ether	9.78	63	1506034	259.50	ug/l	98
60) 2-Hexanone	10.84	43	1585581	236.04	ug/l	99
61) Dibromochloromethane	11.00	129	358570	46.81	ug/l	99
62) 1,2-Dibromoethane	11.11	107	354714	48.12	ug/l	99
65) Tetrachloroethene	10.74	164	258058	47.73	ug/l	95
66) Chlorobenzene	11.54	112	951642	47.68	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	322376	47.35	ug/l	98
68) Ethyl Benzene	11.62	91	1818938	48.06	ug/l	100
69) m/p-Xylenes	11.73	106	1259967	96.49	ug/l	90
70) o-Xylene	12.06	106	625922	47.82	ug/l	90
71) Styrene	12.07	104	1039687	49.20	ug/l	95
72) Bromoform	12.24	173	222829	47.07	ug/l #	100
74) Isopropylbenzene	12.36	105	1681075	46.72	ug/l	99
75) N-amyl acetate	12.17	43	746198	46.46	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	482419	52.07	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	683635	69.27	ug/l	52
78) Bromobenzene	12.64	156	331375	46.96	ug/l	92
79) n-propylbenzene	12.71	91	2004317	47.34	ug/l	98
80) 2-Chlorotoluene	12.79	91	1205024	47.40	ug/l	96
81) 1,3,5-Trimethylbenzene	12.85	105	1362084	47.11	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	168778	42.01	ug/l	93
83) 4-Chlorotoluene	12.89	91	1198319	47.97	ug/l	96
84) tert-Butylbenzene	13.11	119	1115350	46.76	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	1370651	47.20	ug/l	96
86) sec-Butylbenzene	13.29	105	1654003	47.33	ug/l	99
87) p-Isopropyltoluene	13.41	119	1255778	46.66	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	584535	48.41	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	576632	47.15	ug/l	95
90) n-Butylbenzene	13.74	91	1257888	48.16	ug/l	98
91) Hexachloroethane	14.01	117	260695	44.26	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	569551	47.73	ug/l	96

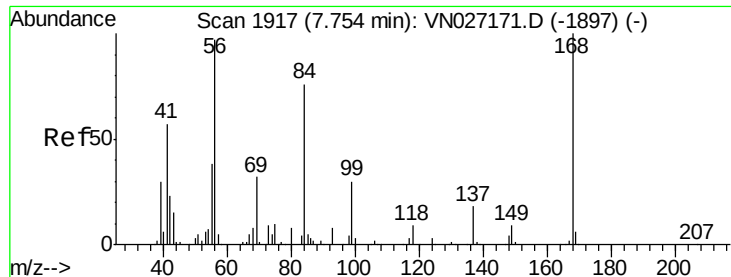
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	97195	47.22	ug/l	89
94) 1,2,4-Trichlorobenzene	15.05	180	318947	49.48	ug/l	98
95) Hexachlorobutadiene	15.16	225	154037	45.37	ug/l	98
96) Naphthalene	15.29	128	927660	49.09	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	316186	49.34	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

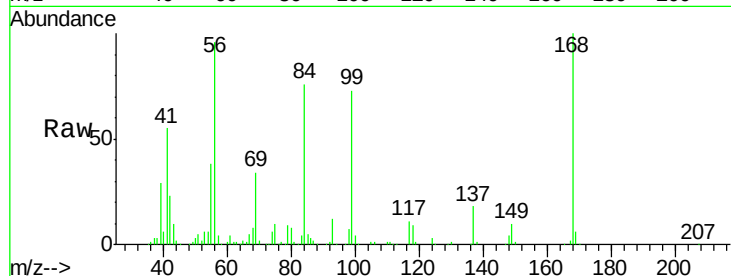
VSTDCCC050EC

Tgt Ion:168 Resp: 522111

Ion Ratio Lower Upper

168 100

99 72.1 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

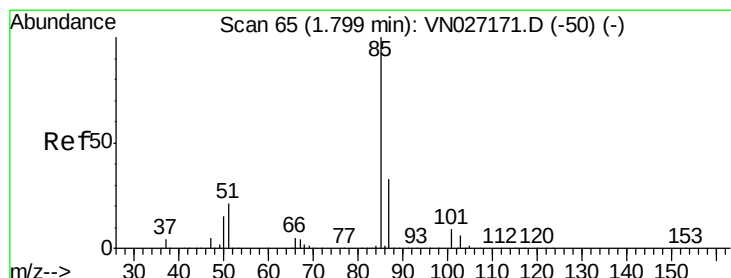
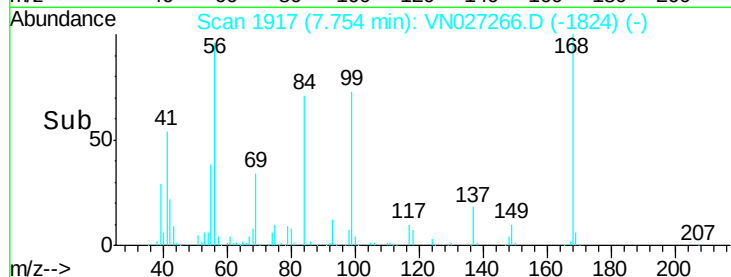
50000

0

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.15 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027266.D

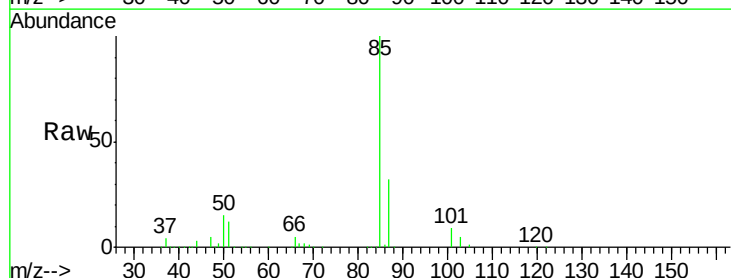
Acq: 17 Sep 2015 20:17

Tgt Ion: 85 Resp: 294545

Ion Ratio Lower Upper

85 100

87 32.1 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

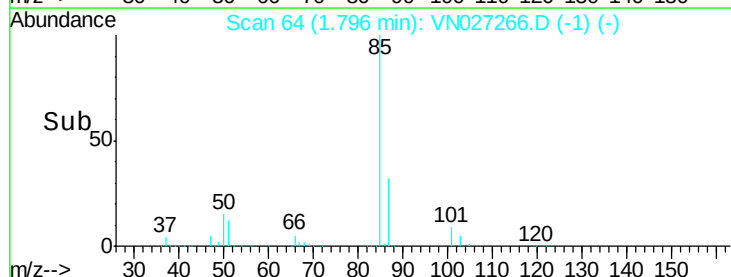
1.75

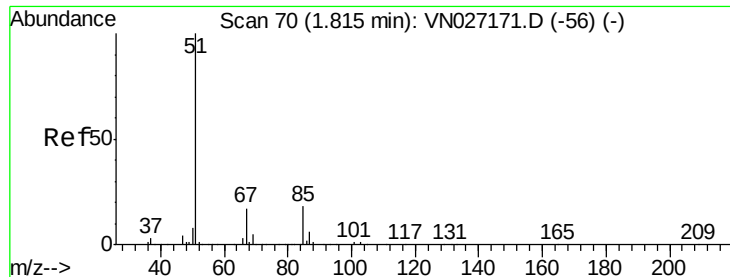
1.80

1.85

1.90

Time-->





#3

Chlorodifluoromethane

Concen: 51.55 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

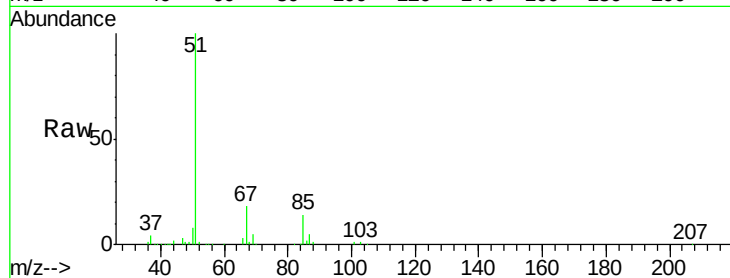
VSTDCCC050EC

Tgt Ion: 51 Resp: 372648

Ion Ratio Lower Upper

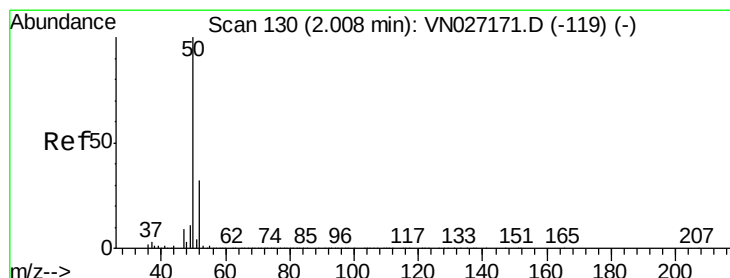
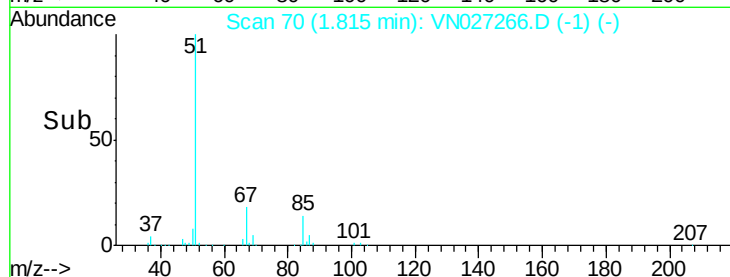
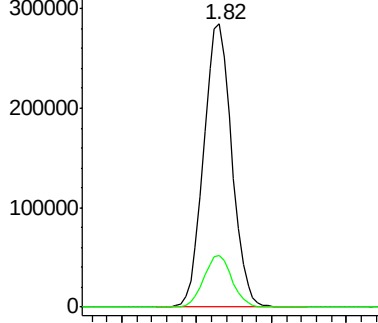
51 100

67 18.4 12.2 18.2#



Abundance Ion 51.00 (50.70 to 51.70): VNO

Ion 67.00 (66.70 to 67.70): VNO



#4

Chloromethane

Concen: 46.51 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027266.D

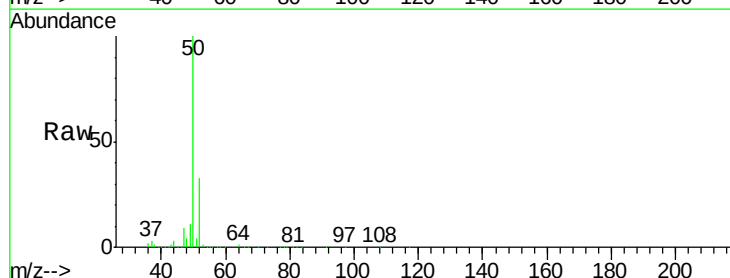
Acq: 17 Sep 2015 20:17

Tgt Ion: 50 Resp: 324841

Ion Ratio Lower Upper

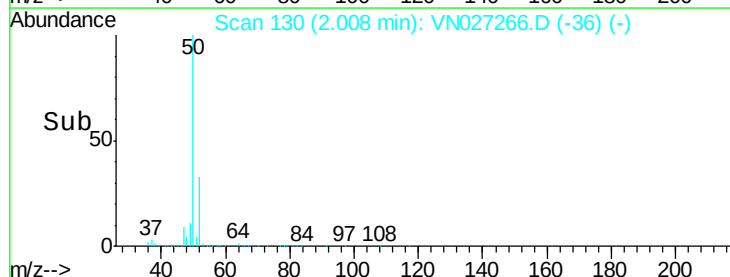
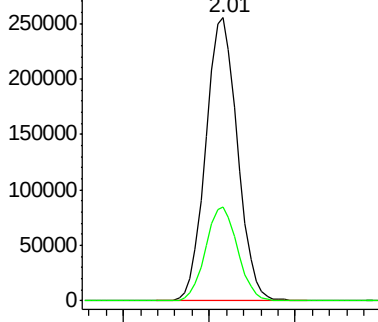
50 100

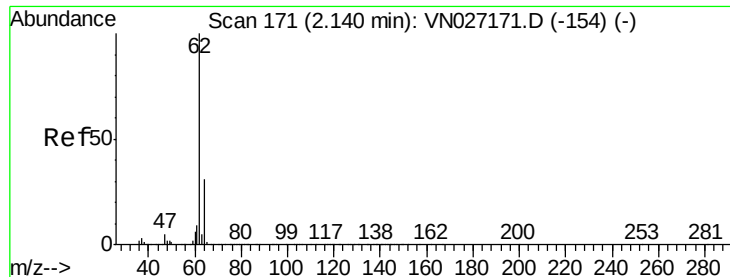
52 33.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Vinyl Chloride

Concen: 49.22 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

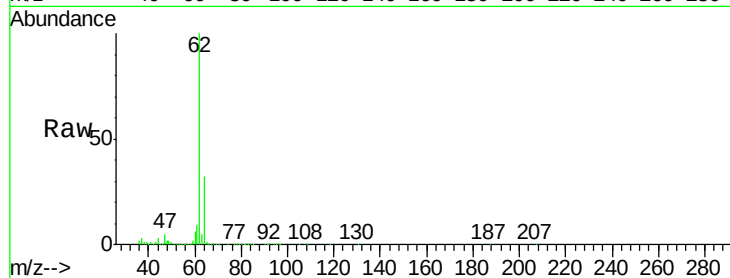
VSTDCCC050EC

Tgt Ion: 62 Resp: 363186

Ion Ratio Lower Upper

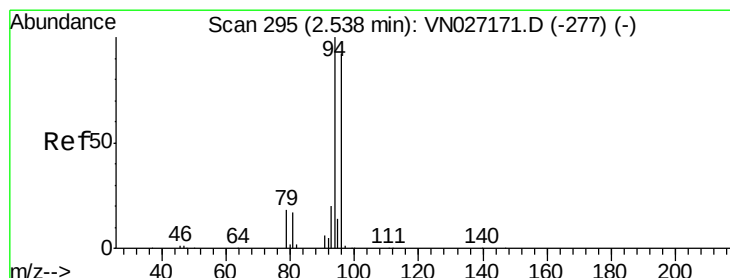
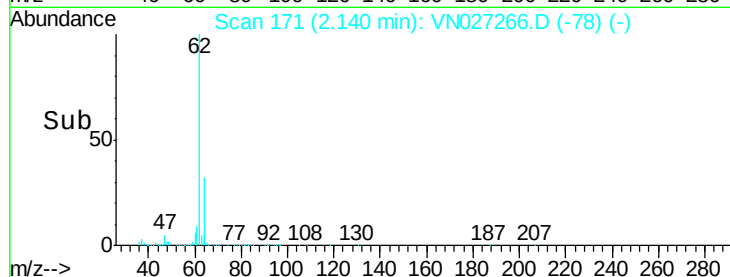
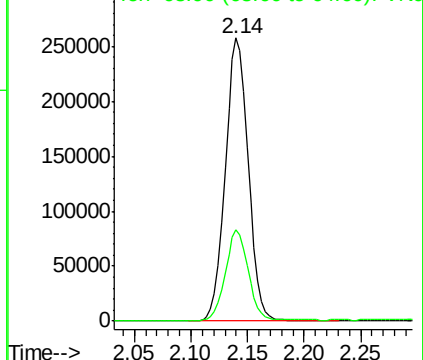
62 100

64 31.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#6

Bromomethane

Concen: 43.49 ug/l

RT: 2.54 min Scan# 294

Delta R.T. -0.00 min

Lab File: VN027266.D

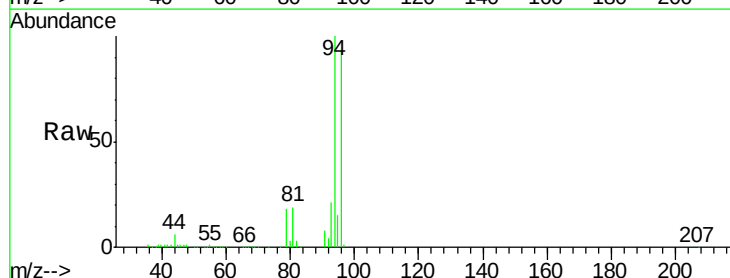
Acq: 17 Sep 2015 20:17

Tgt Ion: 94 Resp: 156739

Ion Ratio Lower Upper

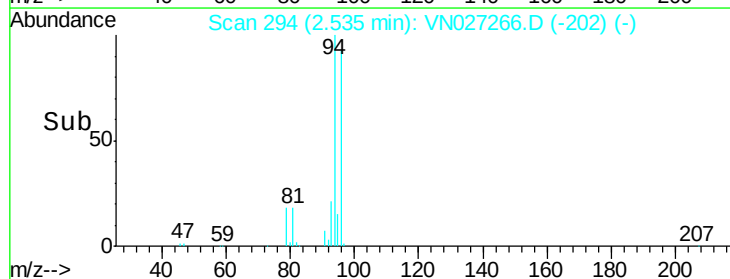
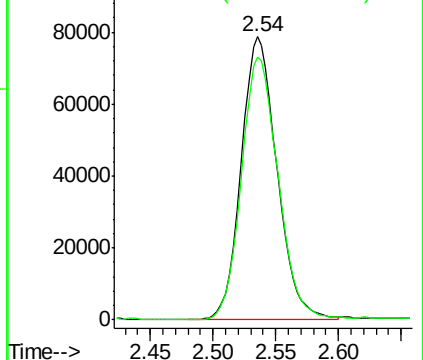
94 100

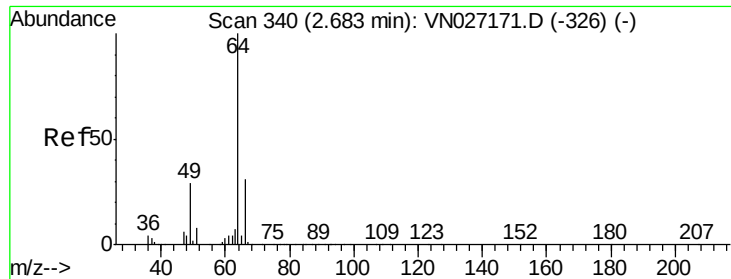
96 92.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#7

Chloroethane

Concen: 46.92 ug/l

RT: 2.68 min Scan# 340

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

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ClientSampleId :

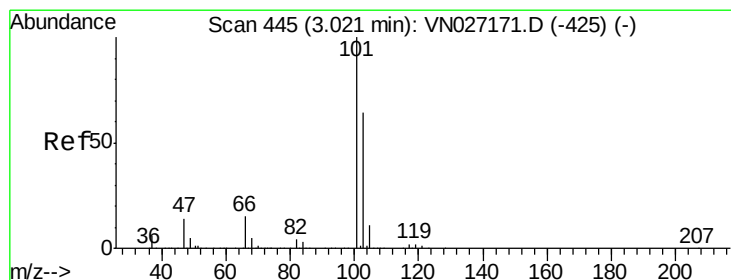
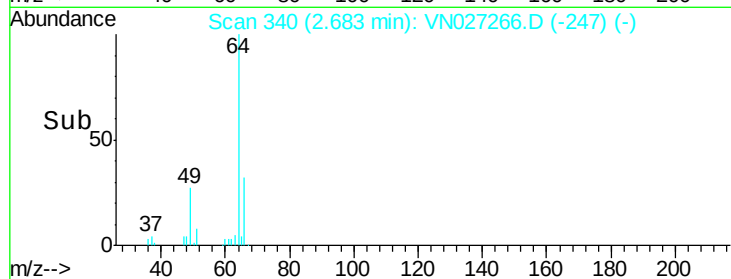
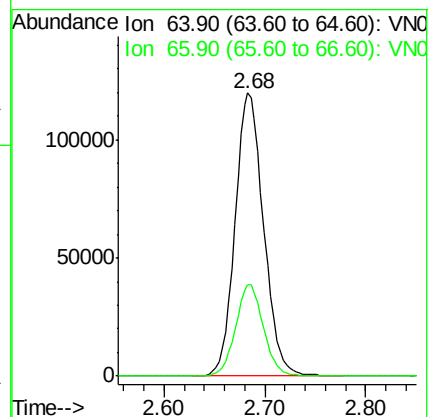
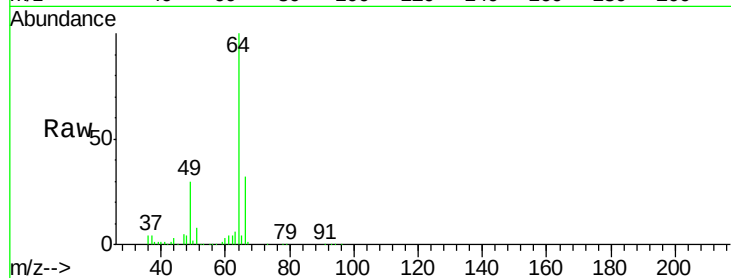
VSTDCCC050EC

Tgt Ion: 64 Resp: 235303

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



#8

Trichlorofluoromethane

Concen: 48.19 ug/l

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027266.D

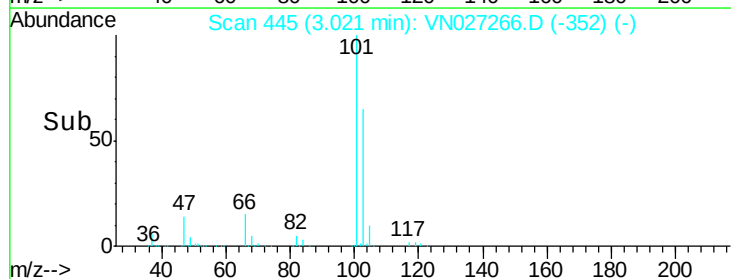
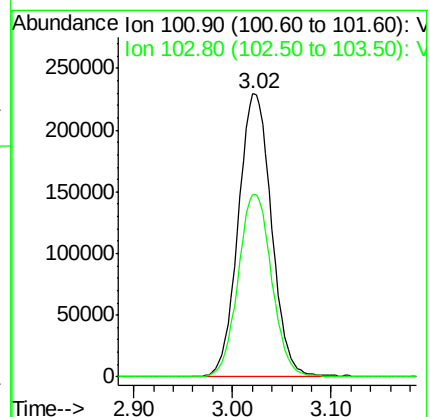
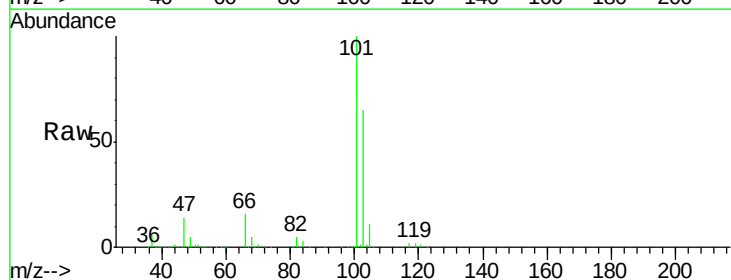
Acq: 17 Sep 2015 20:17

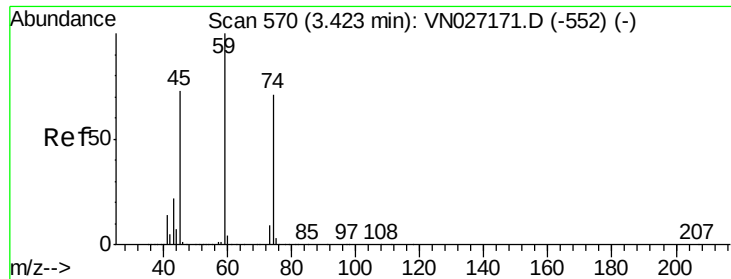
Tgt Ion: 101 Resp: 537140

Ion Ratio Lower Upper

101 100

103 64.5 52.6 79.0





#9

Diethyl Ether

Concen: 47.24 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

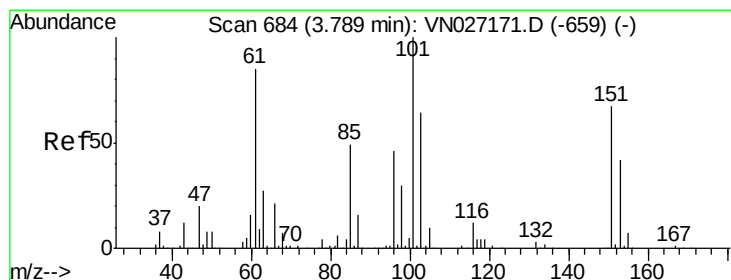
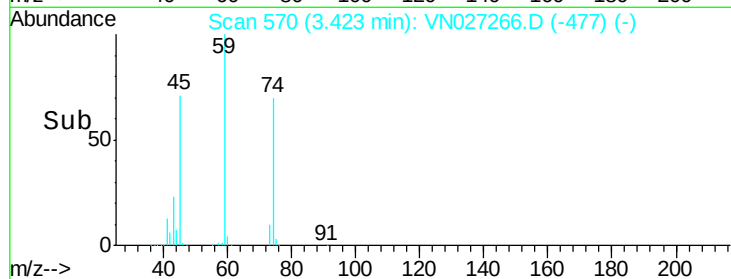
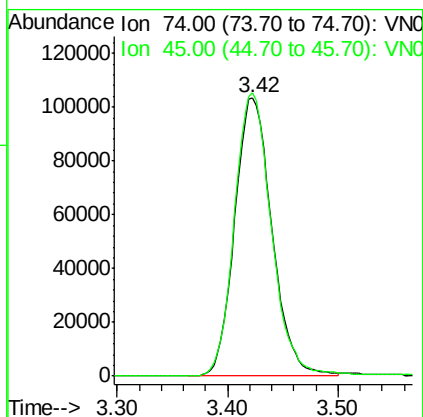
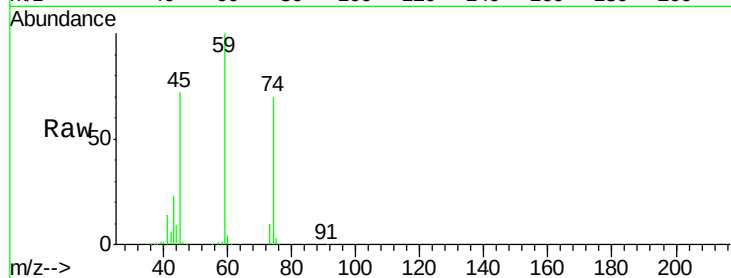
VSTDCCC050EC

Tgt Ion: 74 Resp: 242283

Ion Ratio Lower Upper

74 100

45 100.6 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 47.52 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

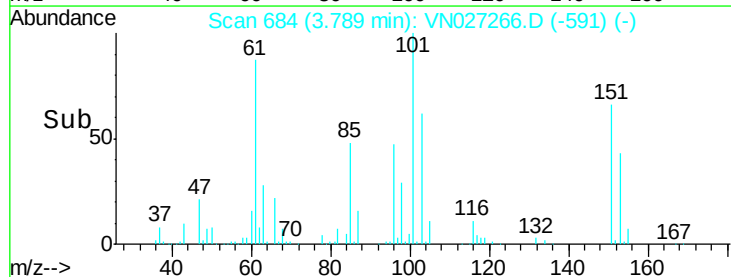
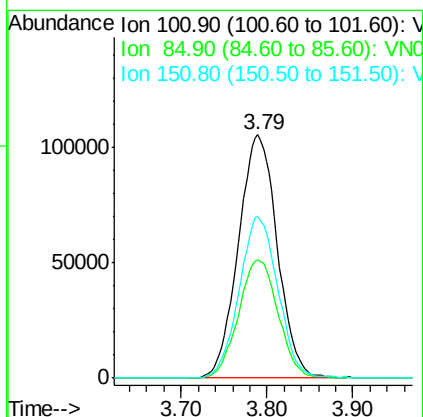
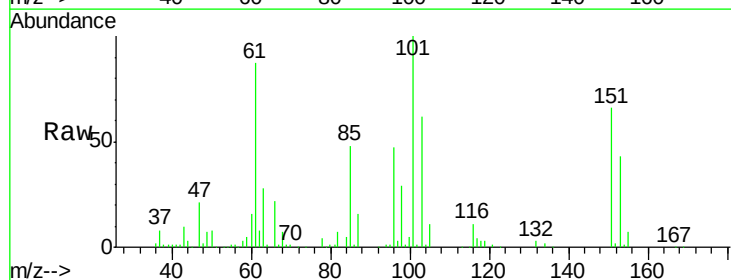
Tgt Ion: 101 Resp: 332622

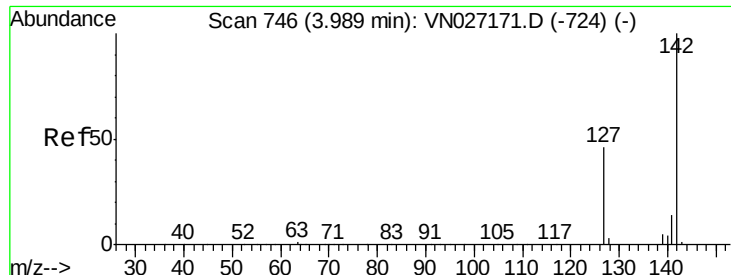
Ion Ratio Lower Upper

101 100

85 49.3 37.4 56.0

151 65.9 55.9 83.9

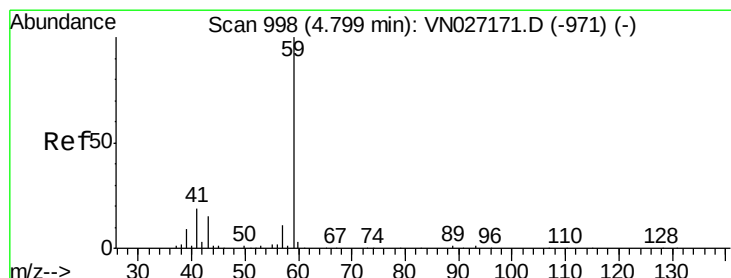
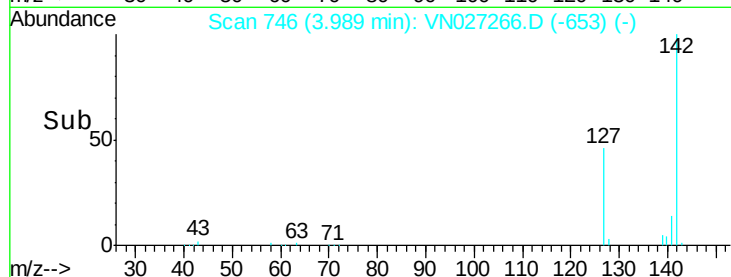
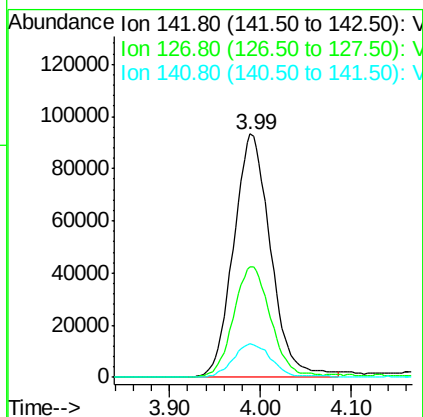
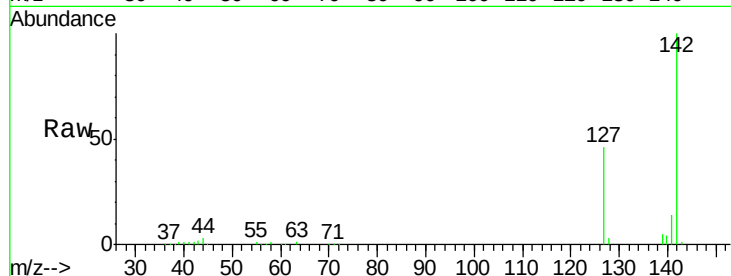




#11
Methyl Iodide
Concen: 38.83 ug/l
RT: 3.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

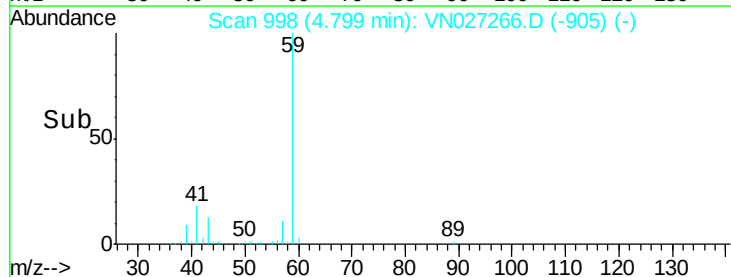
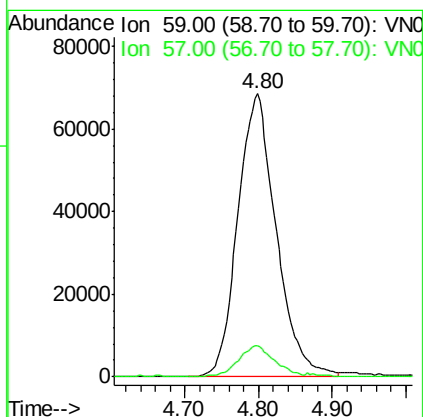
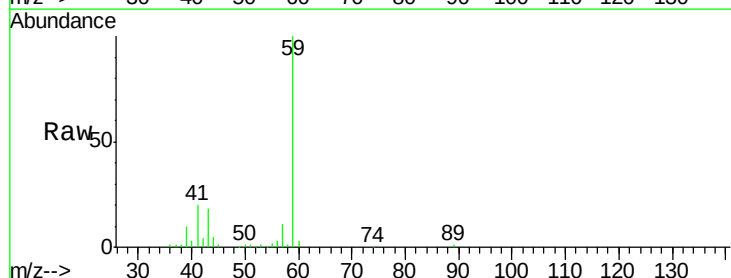
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

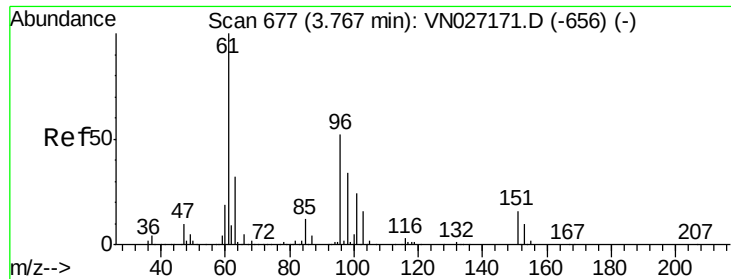
Tgt Ion: 142 Resp: 264206
Ion Ratio Lower Upper
142 100
127 45.9 32.3 48.5
141 14.0 11.2 16.8



#12
Tert butyl alcohol
Concen: 237.35 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 59 Resp: 248286
Ion Ratio Lower Upper
59 100
57 10.4 7.6 11.4

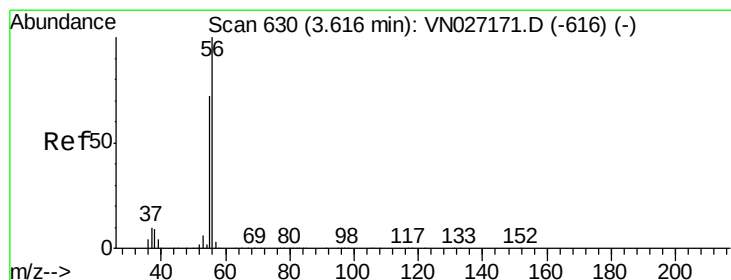
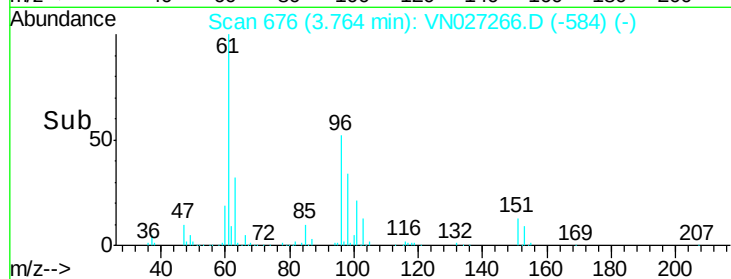
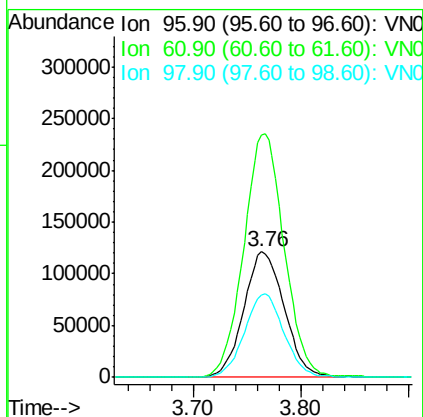
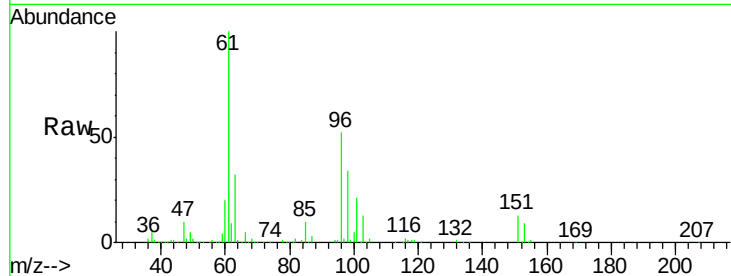




#13
 1,1-Dichloroethene
 Concen: 47.17 ug/l
 RT: 3.76 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

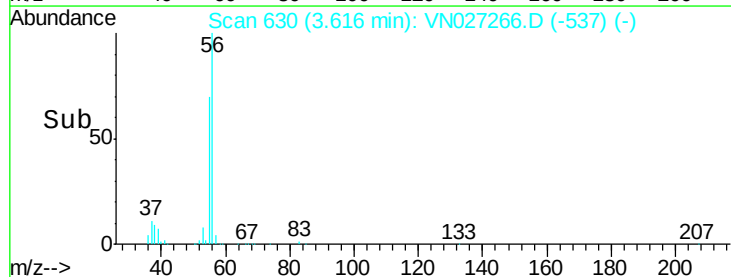
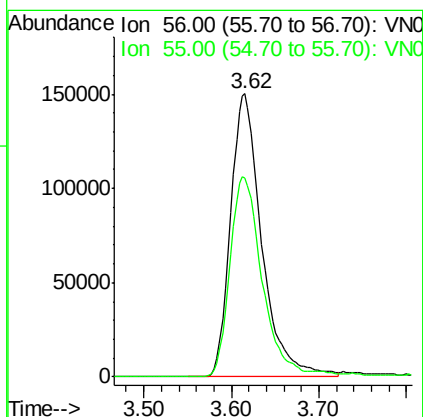
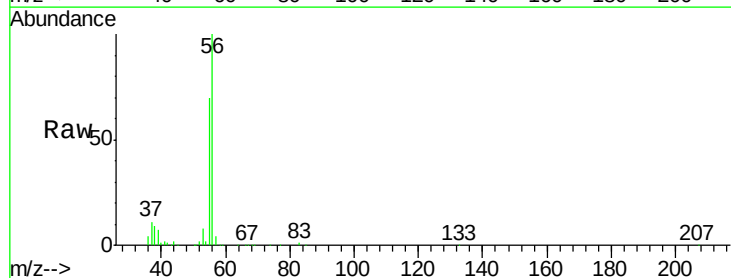
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

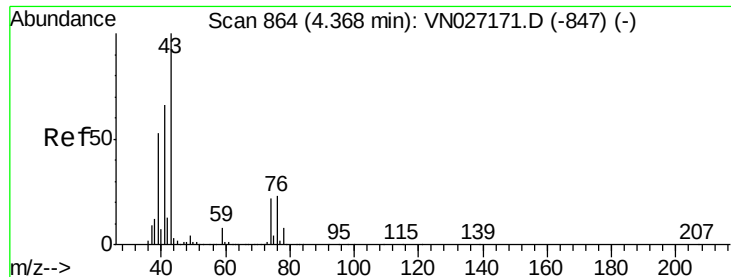
Tgt Ion: 96 Resp: 316219
 Ion Ratio Lower Upper
 96 100
 61 193.7 143.8 215.8
 98 65.3 50.3 75.5



#14
 Acrolein
 Concen: 302.96 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 56 Resp: 372296
 Ion Ratio Lower Upper
 56 100
 55 72.9 55.7 83.5

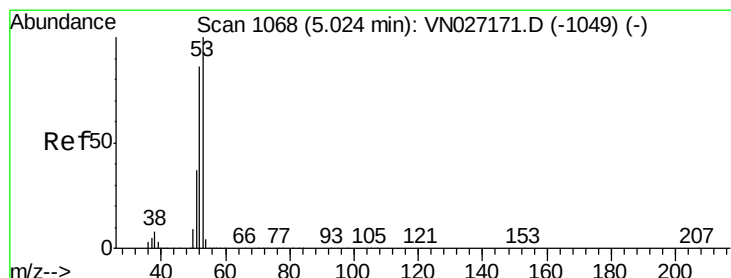
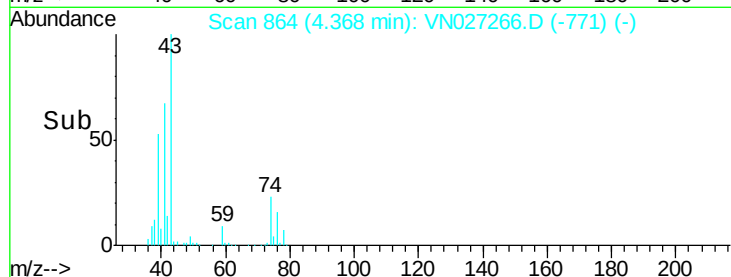
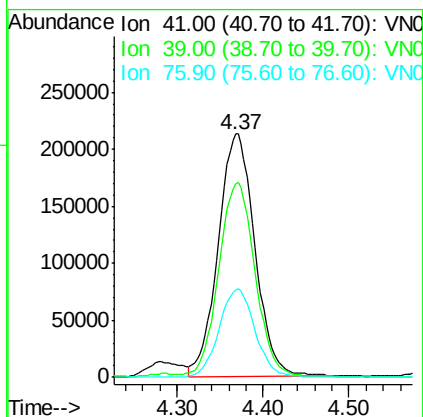
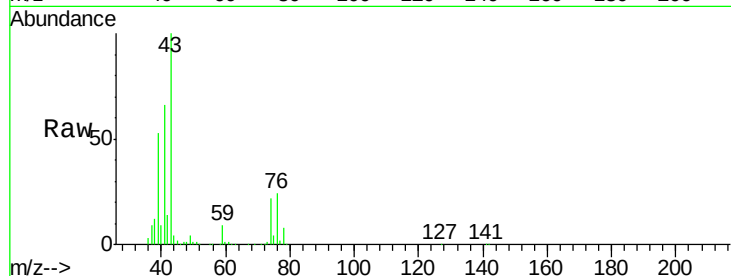




#15
 Allyl chloride
 Concen: 46.43 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

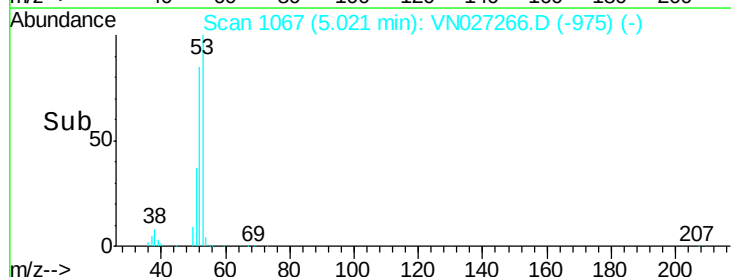
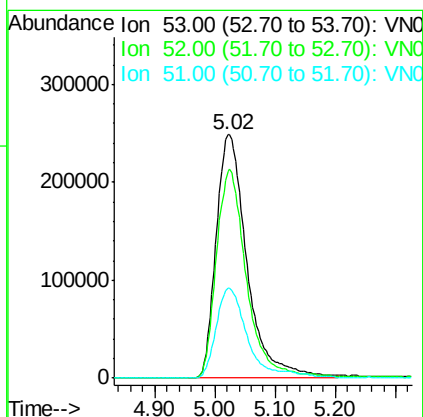
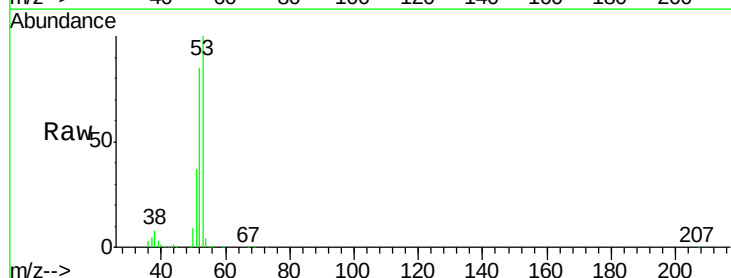
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

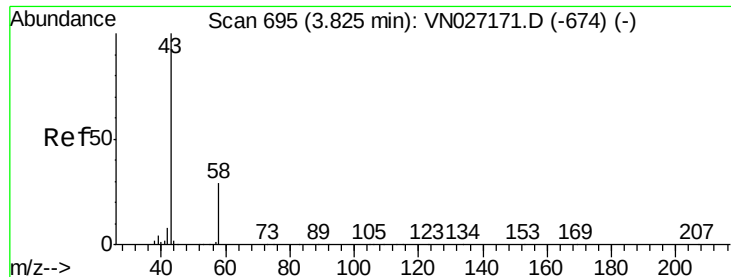
Tgt Ion: 41 Resp: 628664
 Ion Ratio Lower Upper
 41 100
 39 78.6 49.7 74.5#
 76 35.4 24.8 37.2



#16
 Acrylonitrile
 Concen: 257.00 ug/l
 RT: 5.02 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 53 Resp: 879168
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.9 100.3
 51 35.7 27.4 41.0





#17

Acetone

Concen: 240.09 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

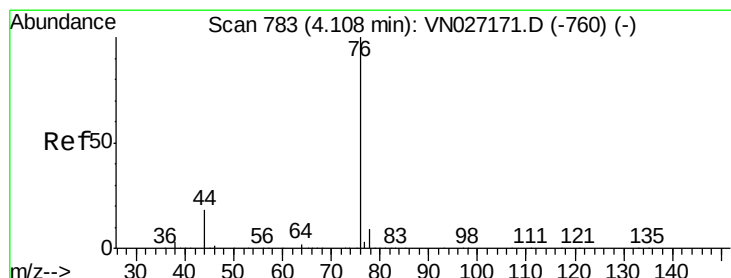
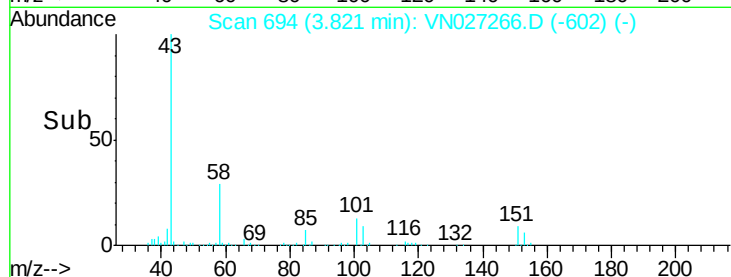
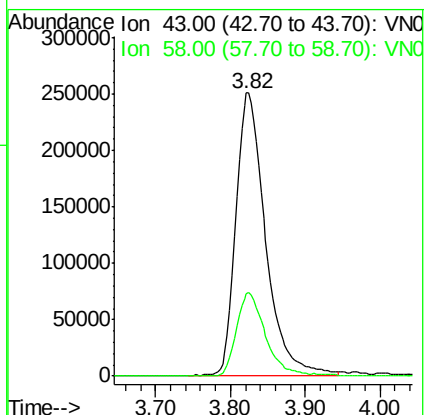
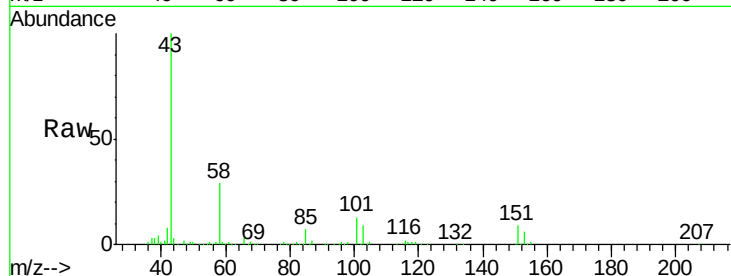
VSTDCCC050EC

Tgt Ion: 43 Resp: 692470

Ion Ratio Lower Upper

43 100

58 28.9 25.4 38.0



#18

Carbon Disulfide

Concen: 44.48 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027266.D

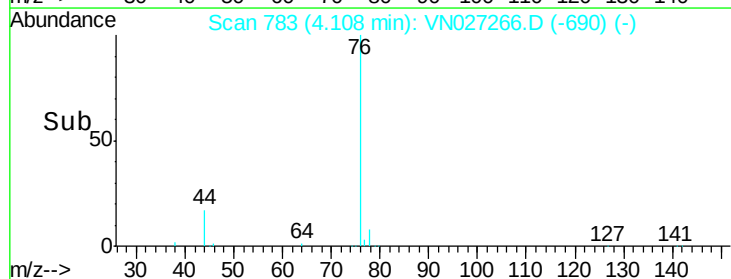
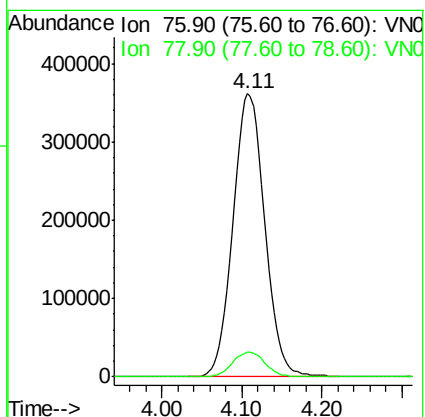
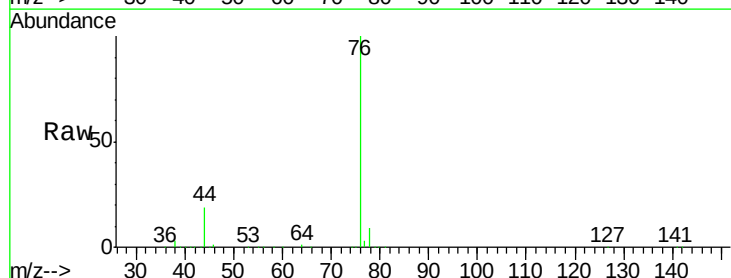
Acq: 17 Sep 2015 20:17

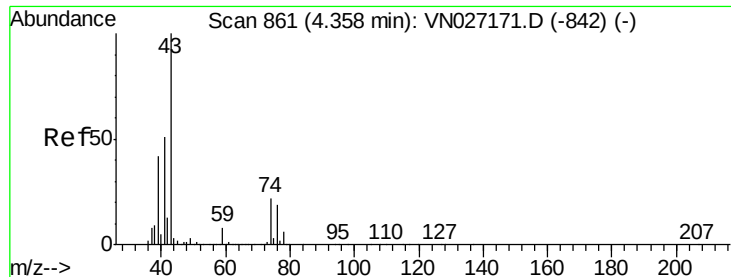
Tgt Ion: 76 Resp: 971117

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

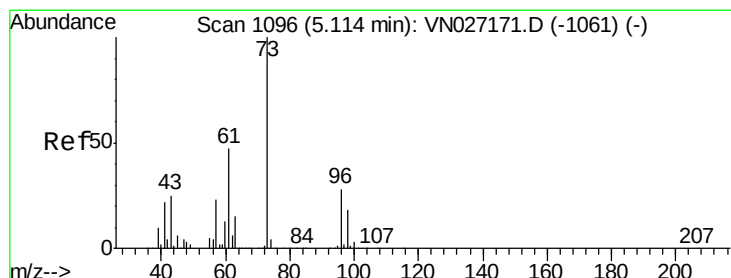
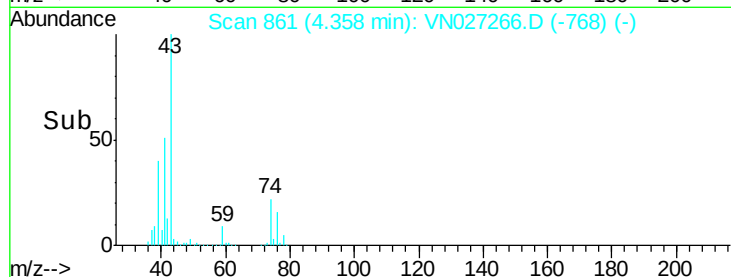
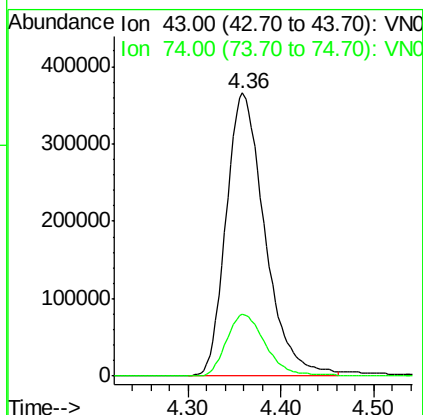
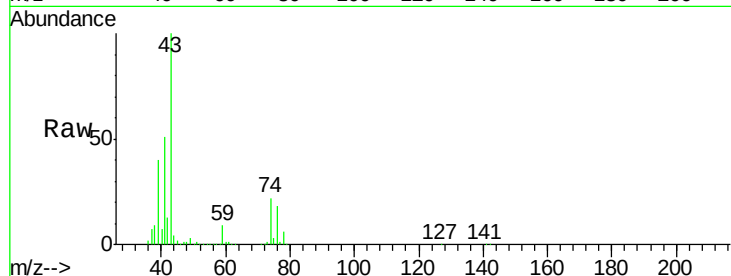




#19
Methyl Acetate
Concen: 50.47 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

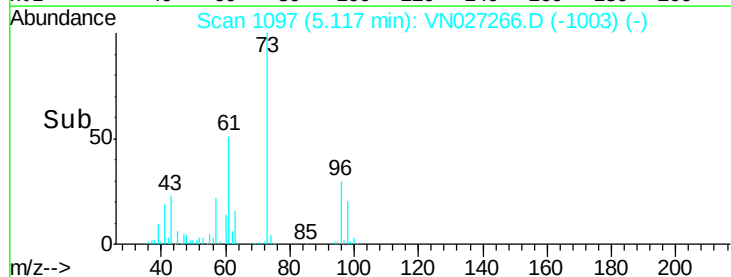
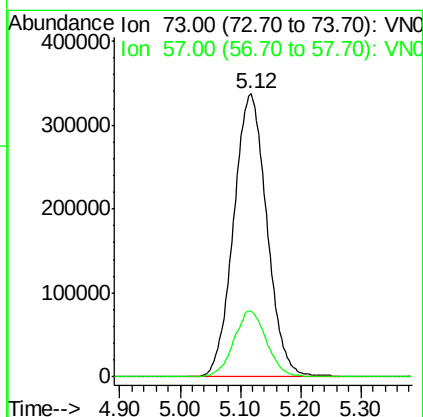
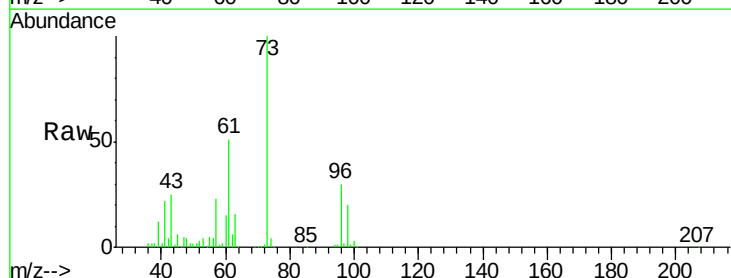
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

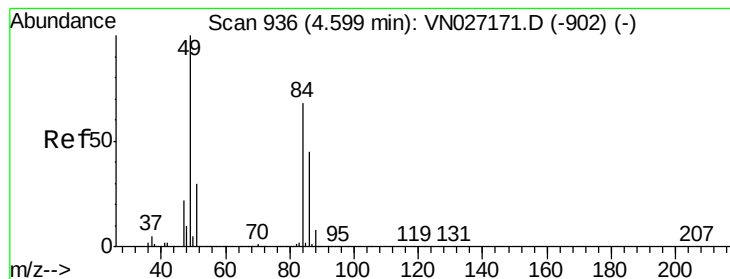
Tgt Ion: 43 Resp: 1054338
Ion Ratio Lower Upper
43 100
74 22.4 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 48.37 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 73 Resp: 1301912
Ion Ratio Lower Upper
73 100
57 23.1 19.8 29.6





#21

Methylene Chloride

Concen: 48.65 ug/l

RT: 4.60 min Scan# 935

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 84 Resp: 390921

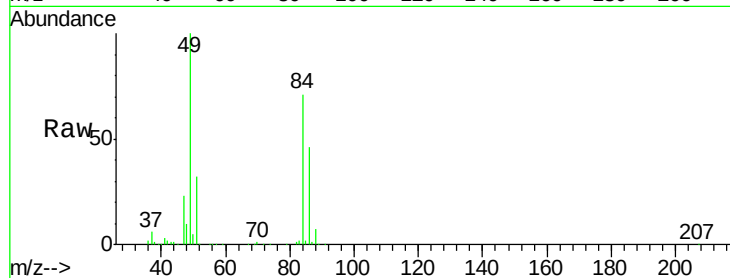
Ion Ratio Lower Upper

84 100

49 140.8 112.3 168.5

51 45.4 33.8 50.8

86 64.4 48.2 72.4

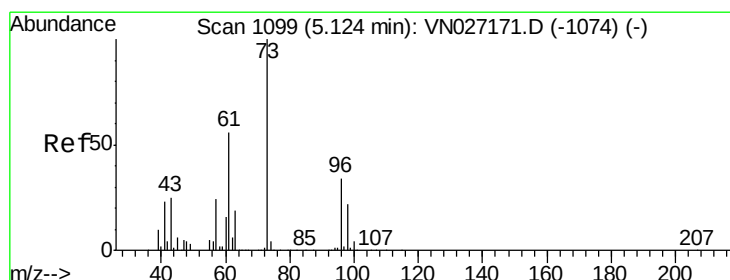
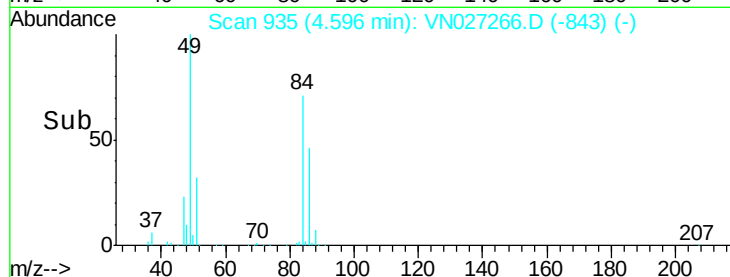
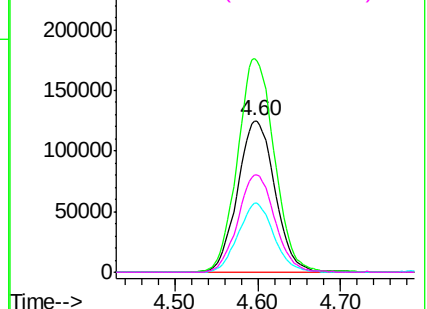


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#22

trans-1,2-Dichloroethene

Concen: 47.84 ug/l

RT: 5.12 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

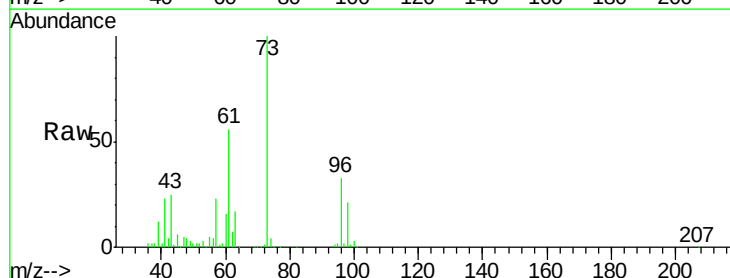
Tgt Ion: 96 Resp: 346859

Ion Ratio Lower Upper

96 100

61 167.4 126.6 189.8

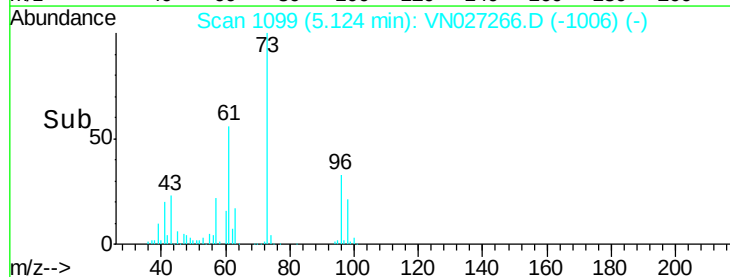
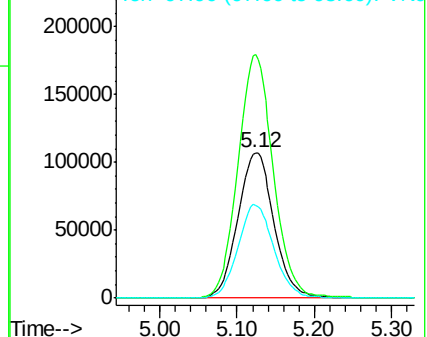
98 63.8 47.4 71.2

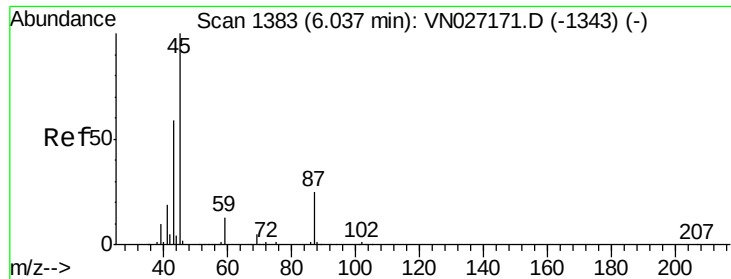


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

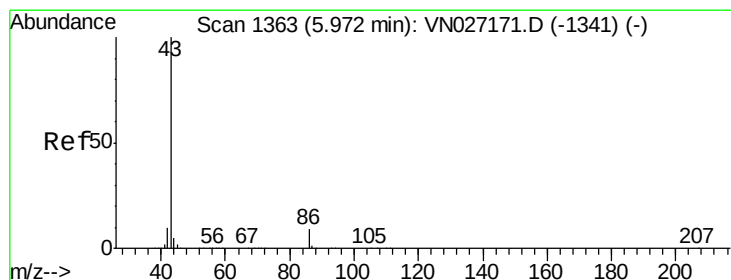
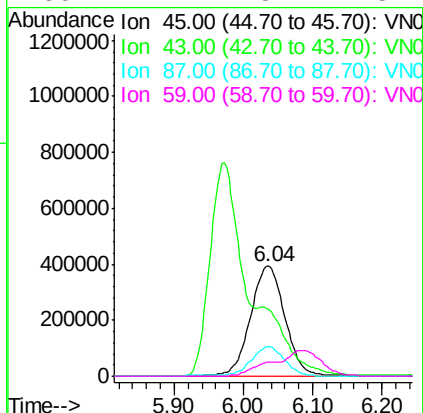
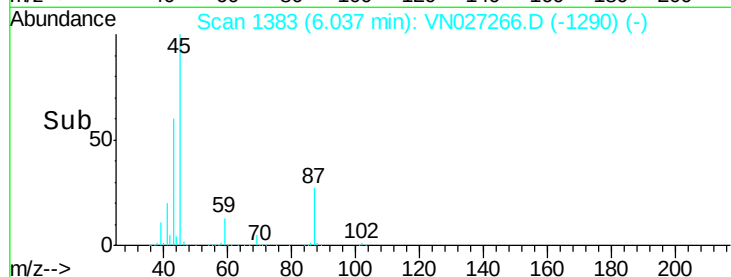
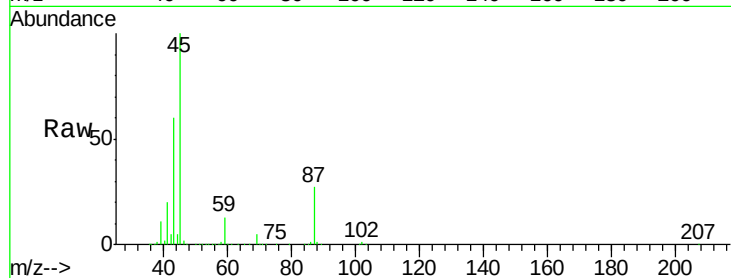




#23
Diisopropyl ether
Concen: 47.76 ug/l
RT: 6.04 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

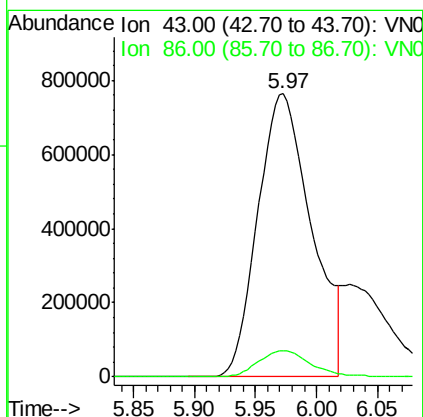
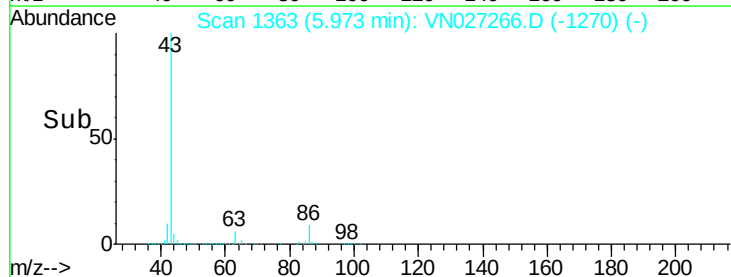
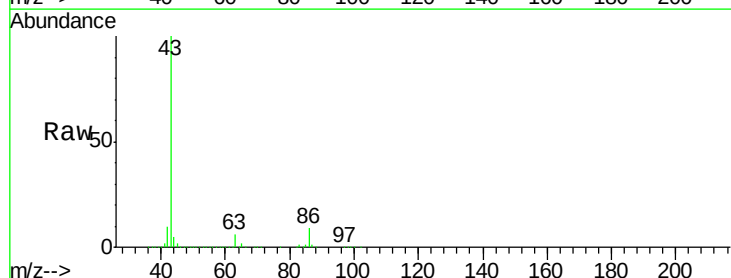
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

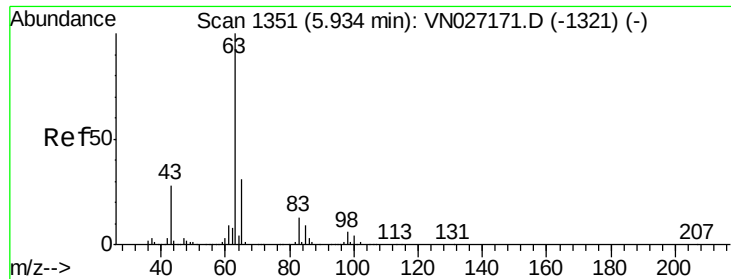
Tgt Ion: 45 Resp: 1356852
Ion Ratio Lower Upper
45 100
43 59.1 41.0 61.6
87 26.5 17.5 26.3#
59 12.4 8.7 13.1



#24
Vinyl Acetate
Concen: 247.33 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 43 Resp: 2325659
Ion Ratio Lower Upper
43 100
86 9.4 6.9 10.3

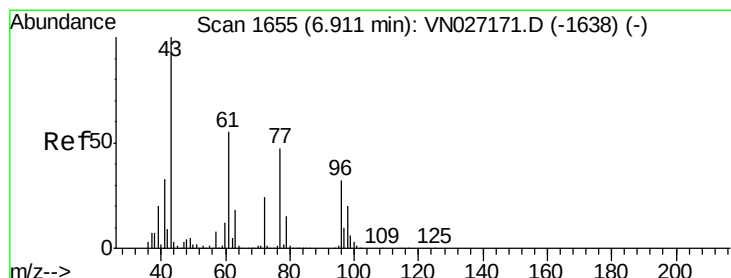
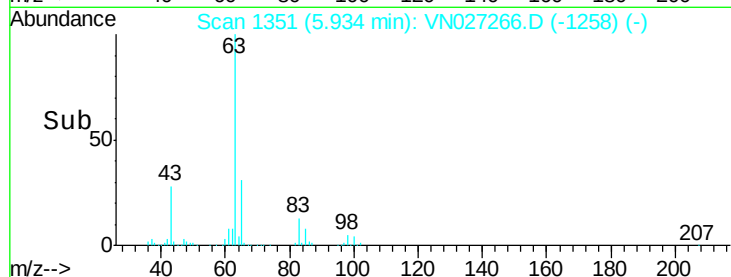
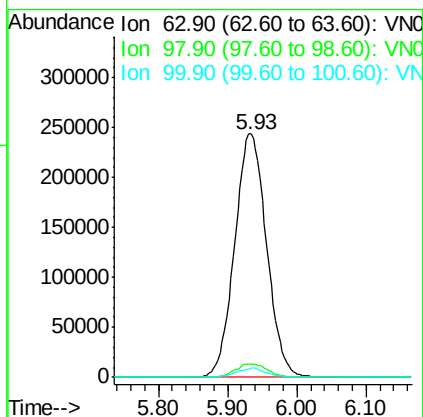
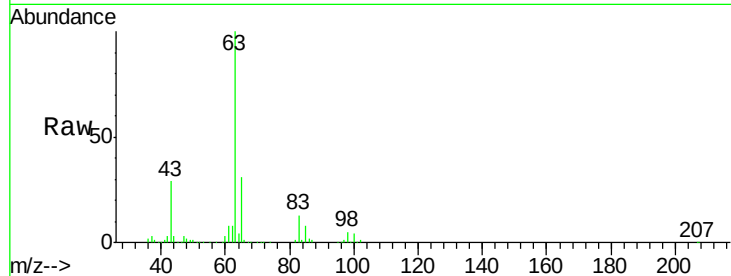




#25
 1,1-Dichloroethane
 Concen: 47.36 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

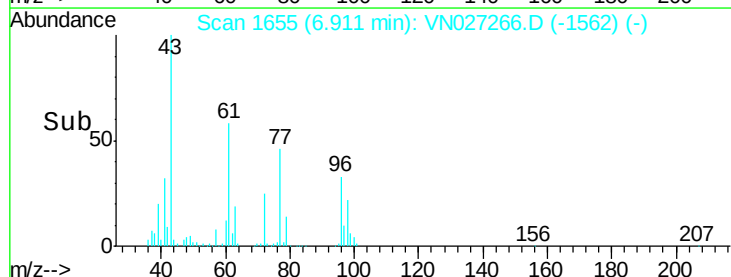
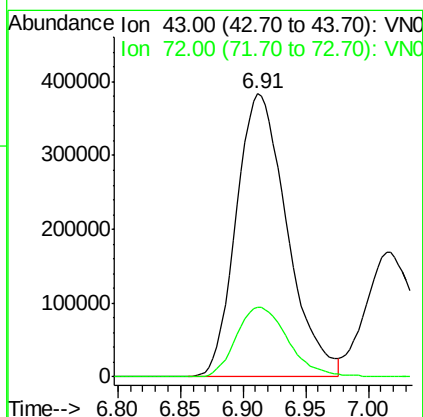
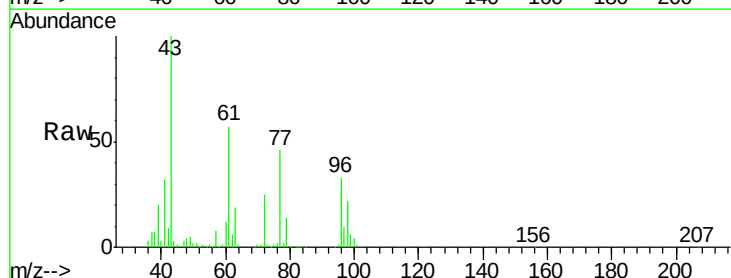
Instrument :
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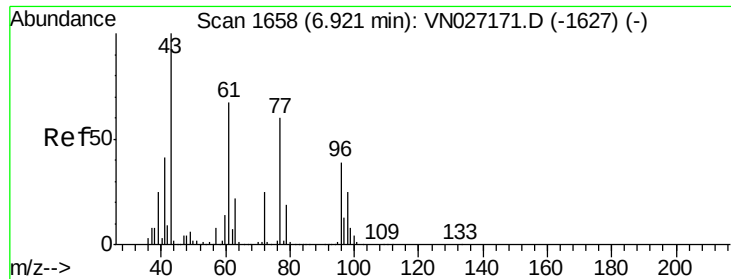
Tgt Ion: 63 Resp: 781586
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.8 8.3
 100 3.6 1.7 5.0



#26
 2-Butanone
 Concen: 248.04 ug/l
 RT: 6.91 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 43 Resp: 1077313
 Ion Ratio Lower Upper
 43 100
 72 24.7 18.8 28.2

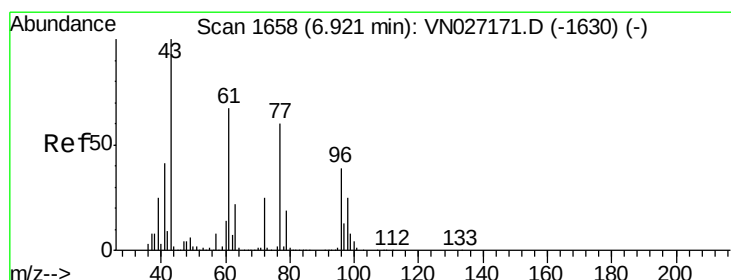
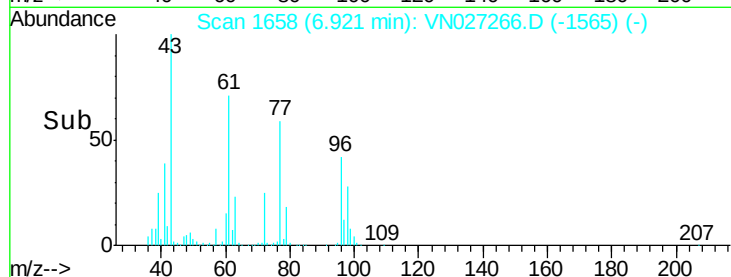
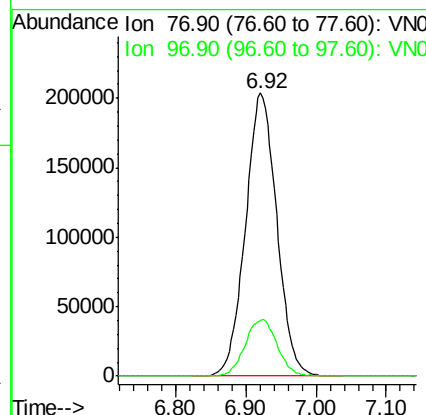
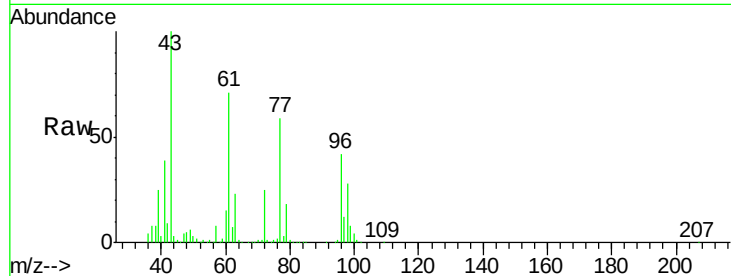




#27
 2,2-Dichloropropane
 Concen: 43.80 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

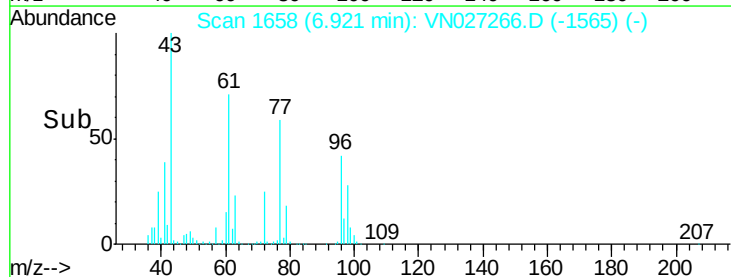
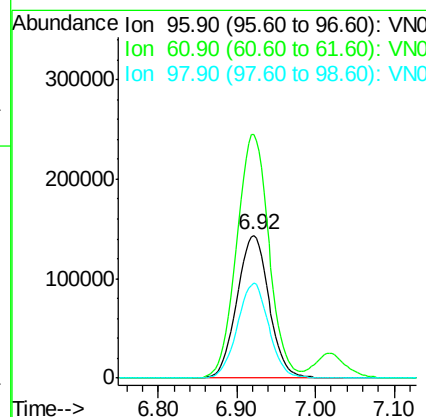
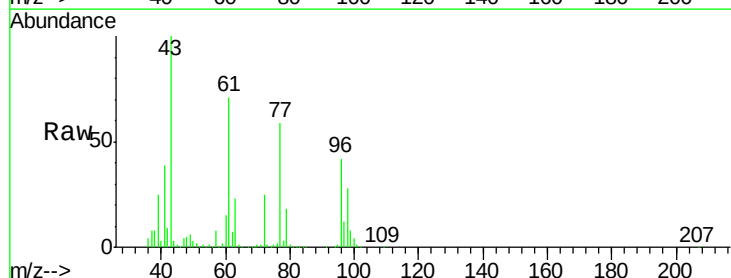
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

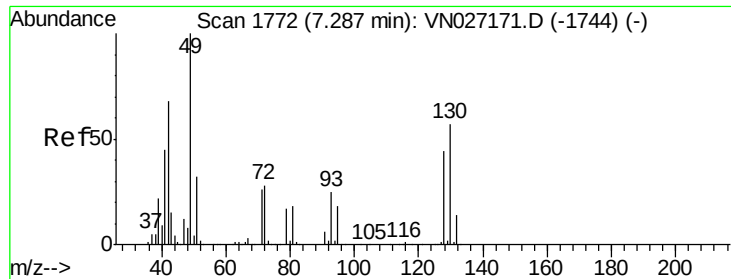
Tgt Ion: 77 Resp: 627228
 Ion Ratio Lower Upper
 77 100
 97 20.6 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 49.28 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 96 Resp: 409830
 Ion Ratio Lower Upper
 96 100
 61 171.2 0.0 329.2
 98 65.2 0.0 126.0





#29

Bromochloromethane

Concen: 46.62 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

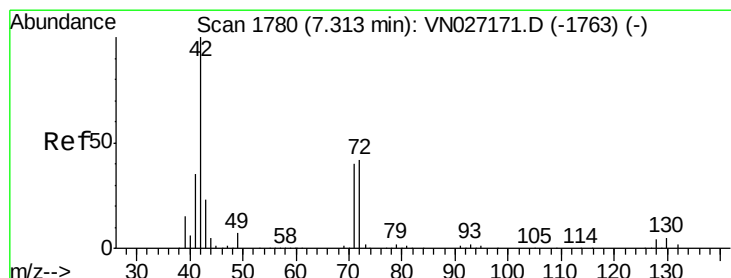
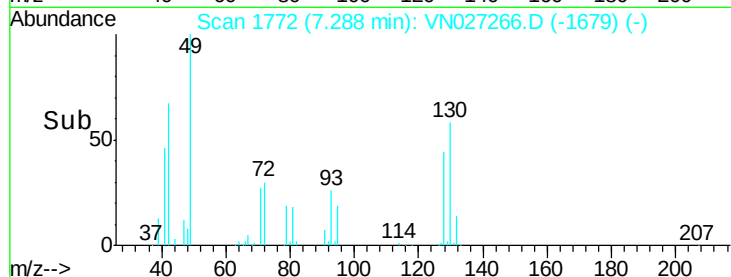
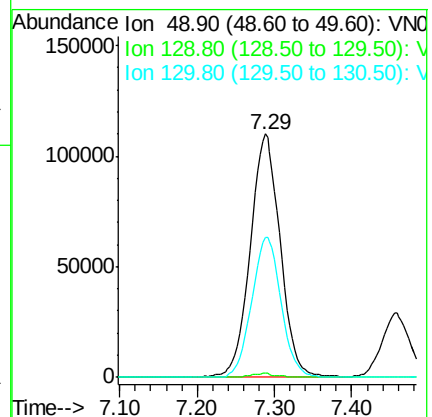
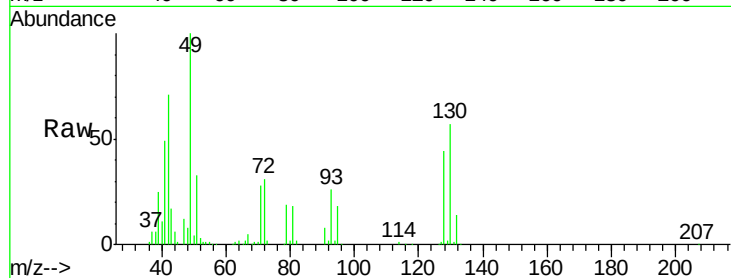
Tgt Ion: 49 Resp: 298664

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.2

130 56.3 43.2 64.8



#30

Tetrahydrofuran

Concen: 232.82 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

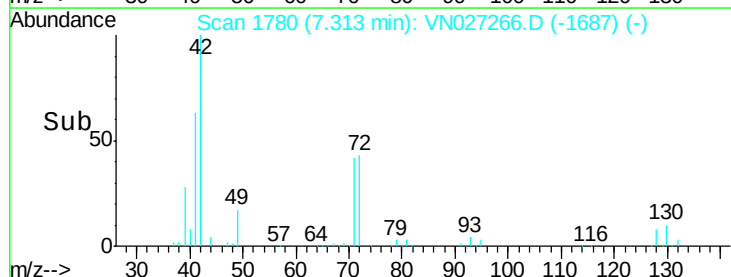
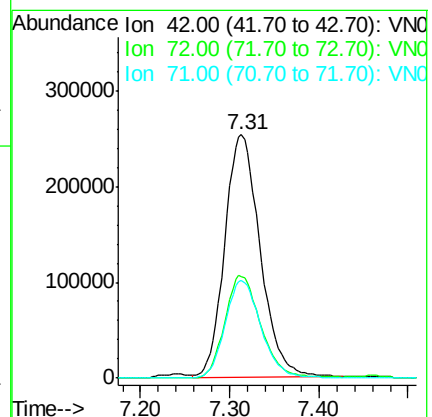
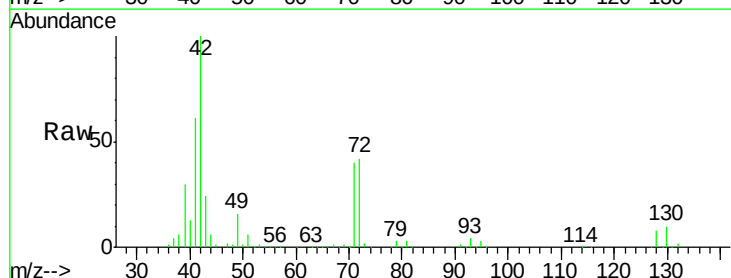
Tgt Ion: 42 Resp: 696921

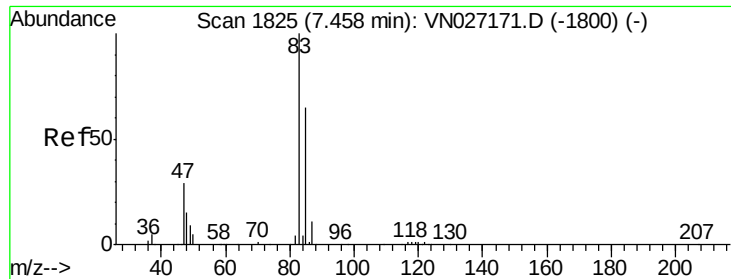
Ion Ratio Lower Upper

42 100

72 42.8 29.9 44.9

71 40.8 28.3 42.5





#31

Chloroform

Concen: 49.80 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

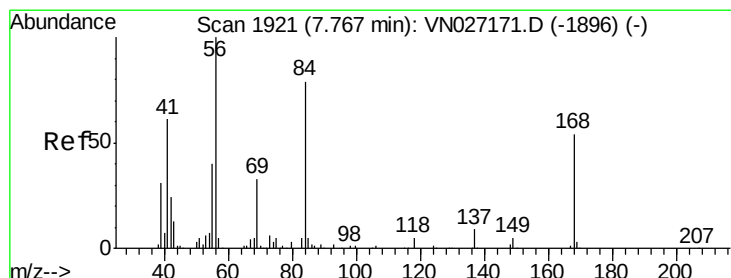
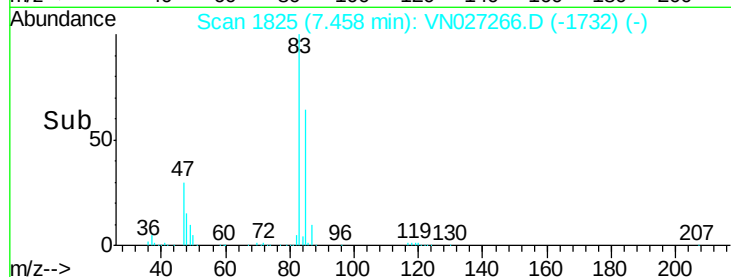
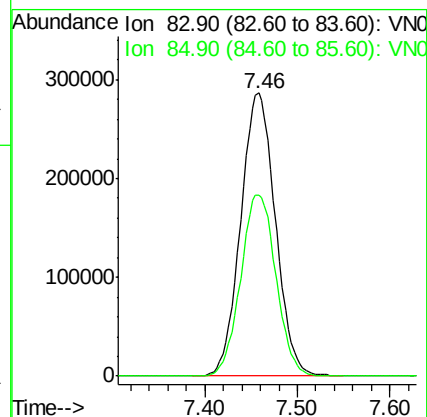
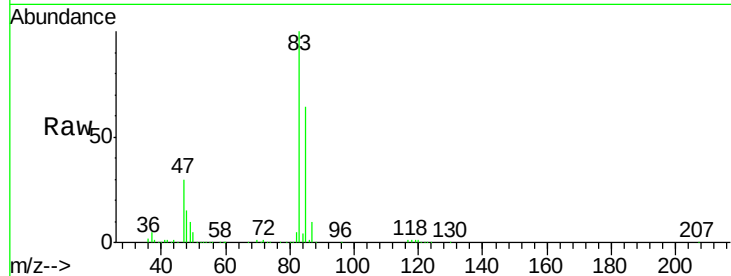
VSTDCCC050EC

Tgt Ion: 83 Resp: 742649

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7



#32

Cyclohexane

Concen: 48.79 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

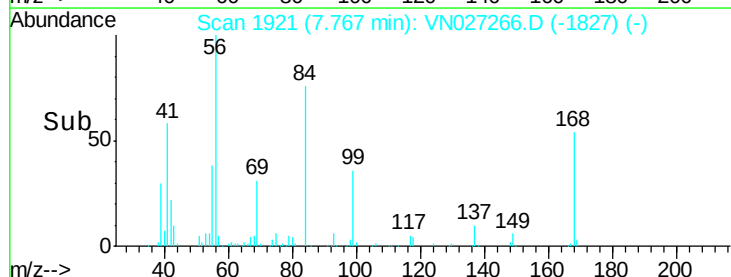
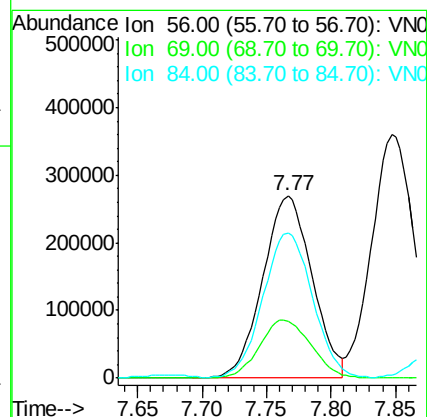
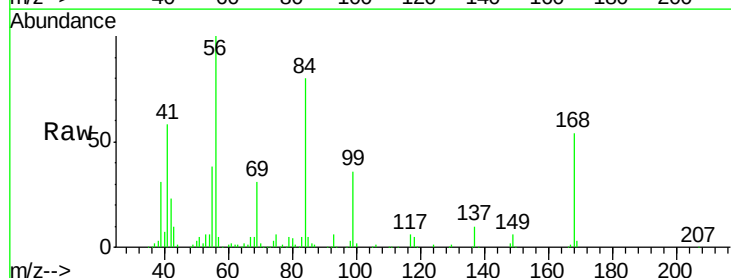
Tgt Ion: 56 Resp: 717111

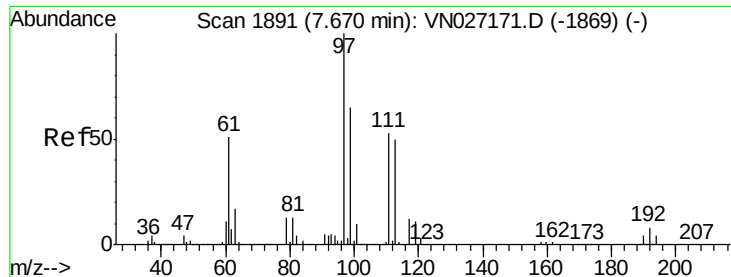
Ion Ratio Lower Upper

56 100

69 31.0 23.0 34.4

84 78.7 57.8 86.8

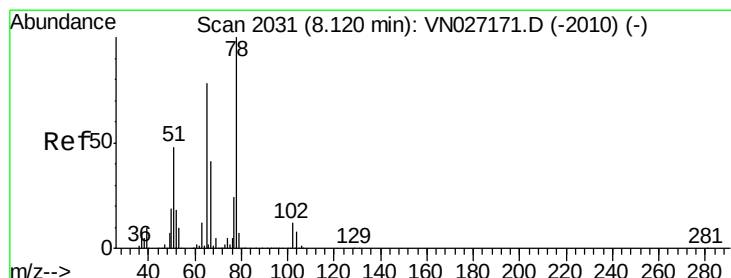
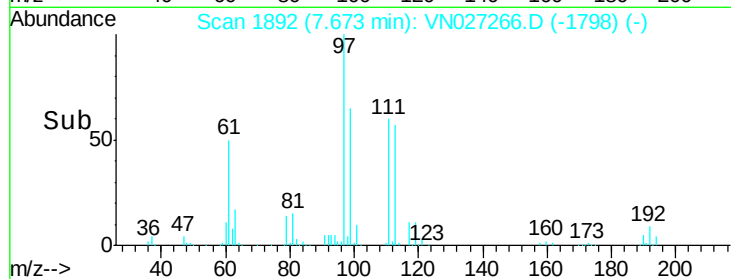
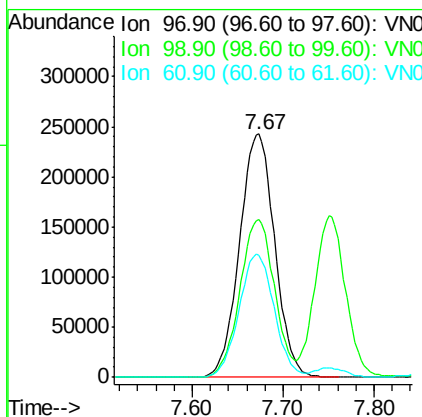
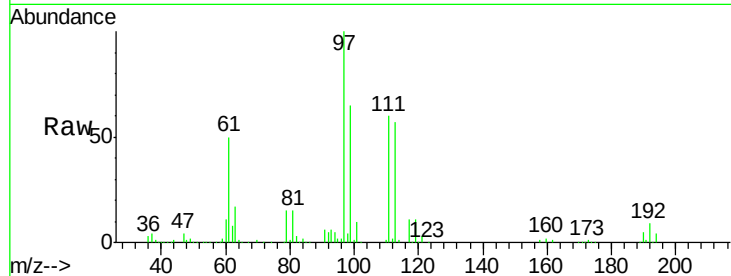




#33
 1,1,1-Trichloroethane
 Concen: 48.99 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

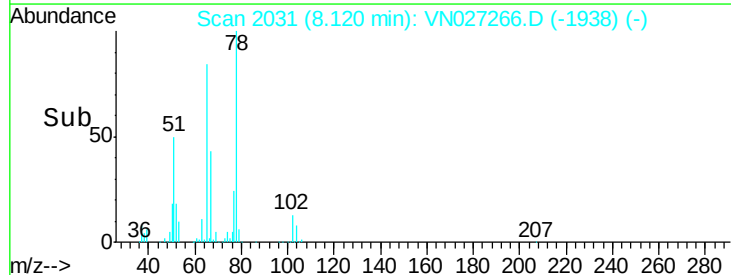
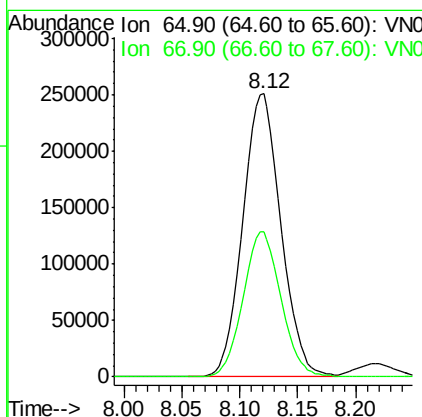
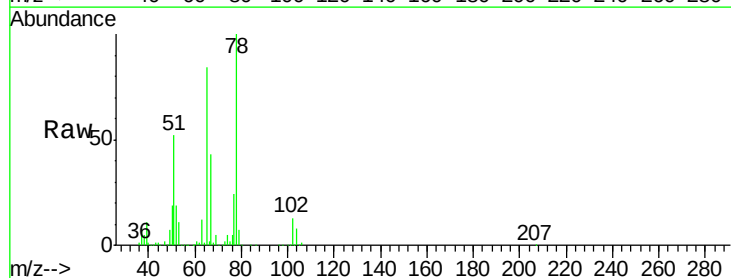
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

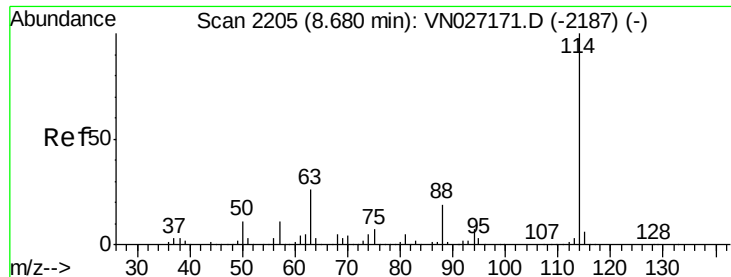
Tgt Ion: 97 Resp: 651377
 Ion Ratio Lower Upper
 97 100
 99 64.0 50.1 75.1
 61 50.7 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 53.83 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 65 Resp: 575859
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 110.6

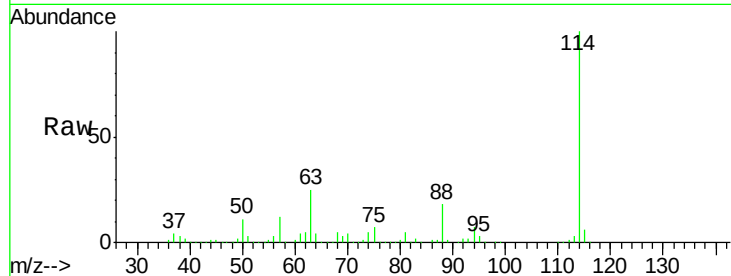




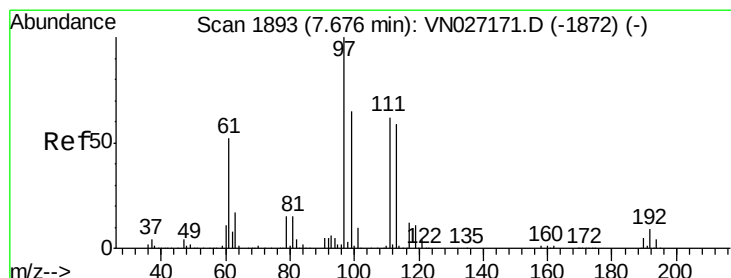
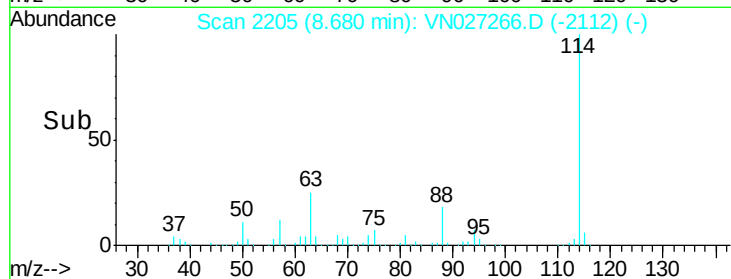
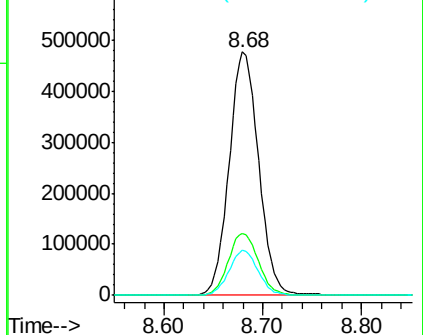
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:114 Resp: 997584
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 48.8
 88 18.4 0.0 32.2

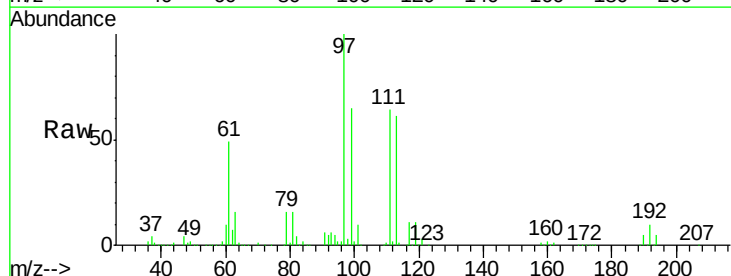


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

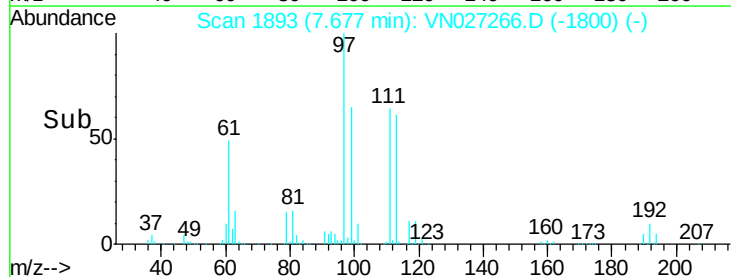
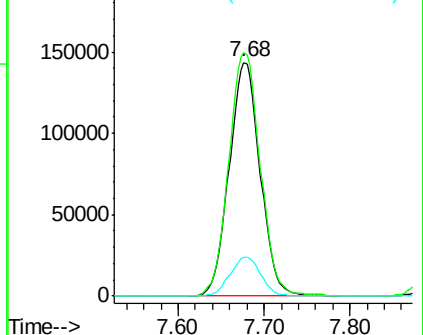


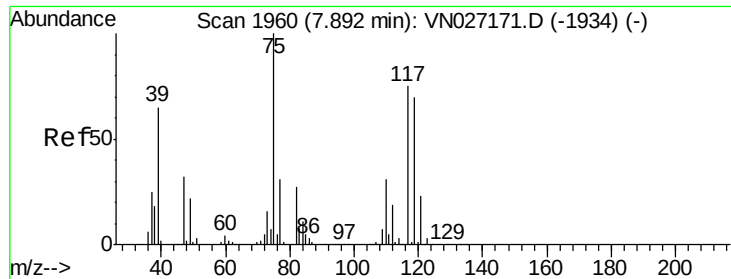
#36
 Dibromofluoromethane
 Concen: 51.82 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion:113 Resp: 358361
 Ion Ratio Lower Upper
 113 100
 111 105.8 83.0 124.4
 192 16.7 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

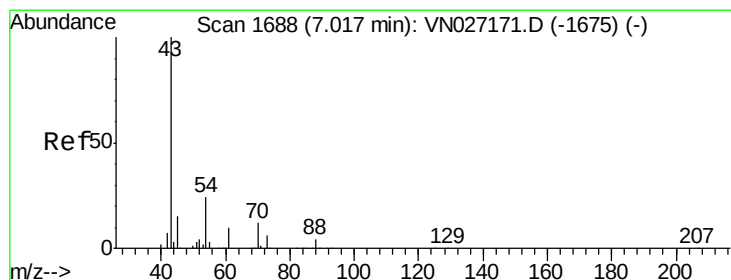
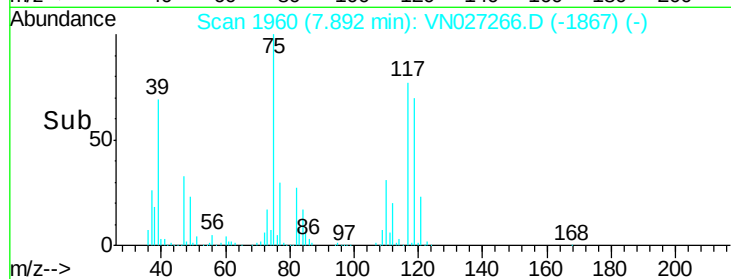
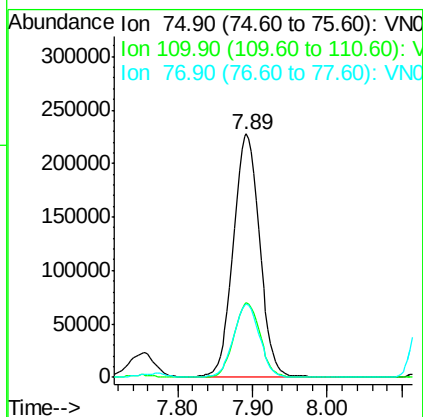
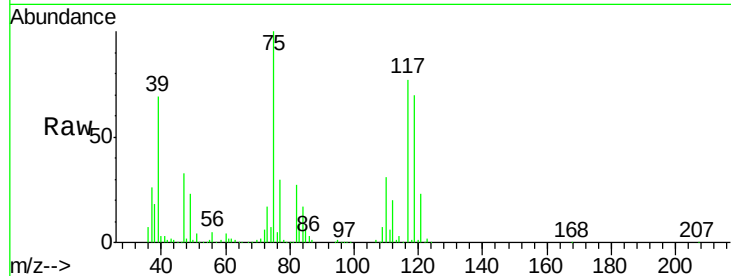




#37
 1,1-Dichloropropene
 Concen: 47.69 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

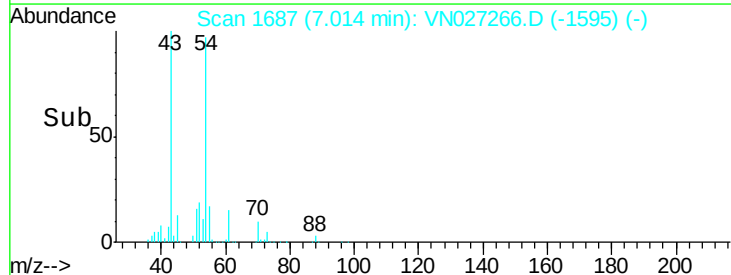
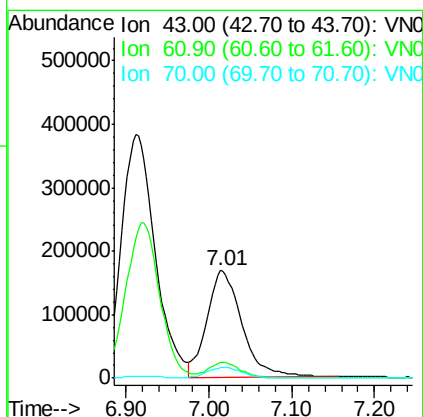
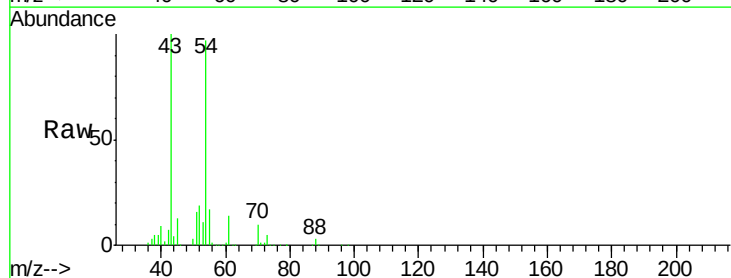
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

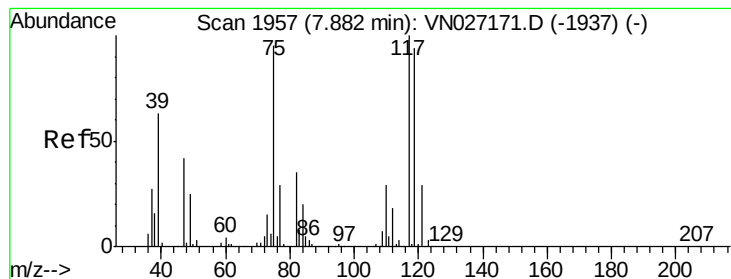
Tgt Ion: 75 Resp: 556976
 Ion Ratio Lower Upper
 75 100
 110 30.5 15.9 47.7
 77 30.0 24.9 37.3



#38
 Ethyl Acetate
 Concen: 49.88 ug/l
 RT: 7.01 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 43 Resp: 495183
 Ion Ratio Lower Upper
 43 100
 61 13.4 10.2 15.4
 70 9.9 7.4 11.0





#39

Carbon Tetrachloride

Concen: 47.74 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

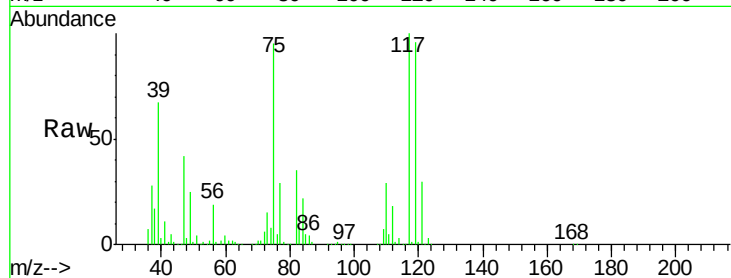
Tgt Ion: 117 Resp: 524143

Ion Ratio Lower Upper

117 100

119 95.5 75.3 112.9

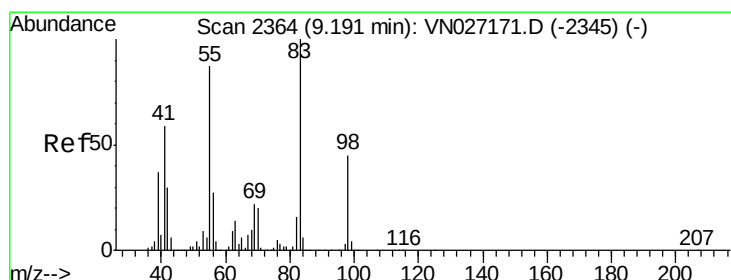
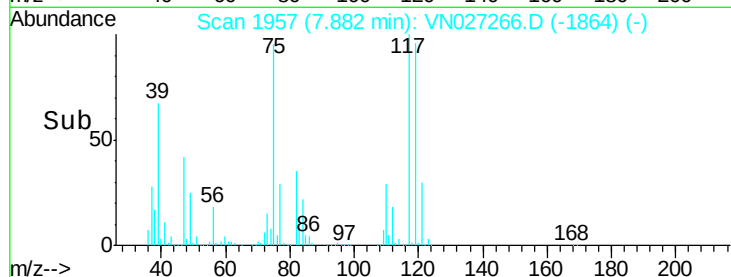
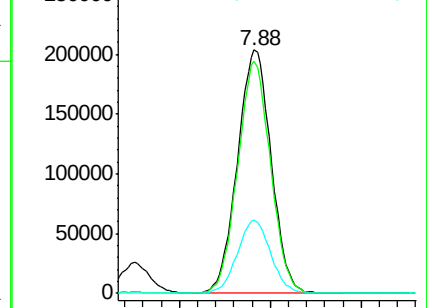
121 30.0 23.8 35.8



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: 46.60 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

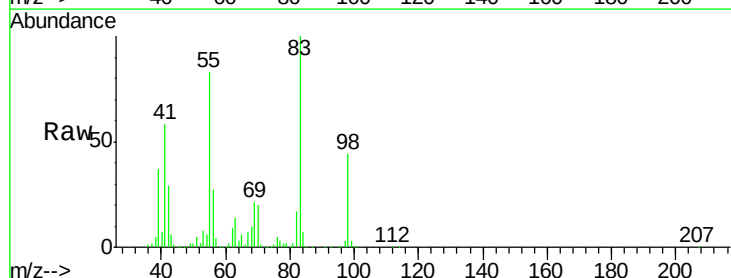
Tgt Ion: 83 Resp: 662681

Ion Ratio Lower Upper

83 100

55 83.3 69.8 104.8

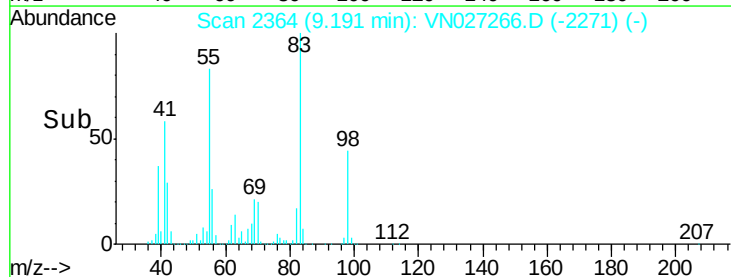
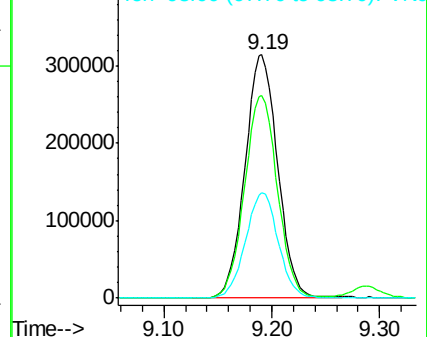
98 43.5 34.3 51.5

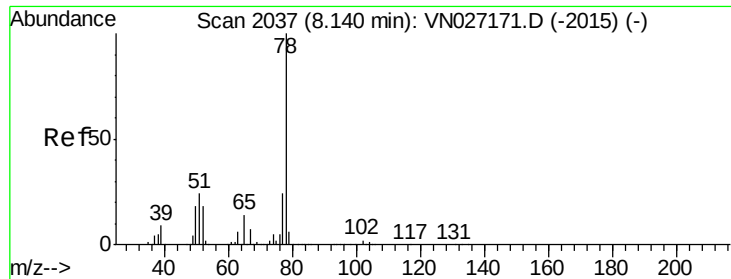


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 47.62 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

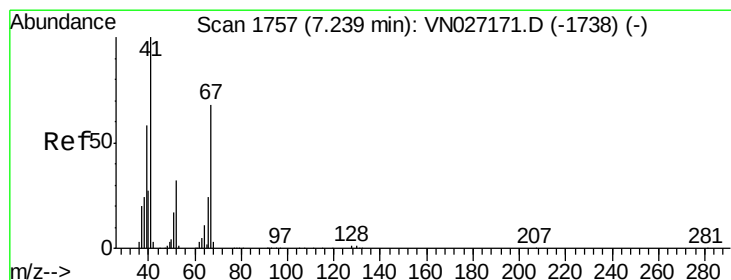
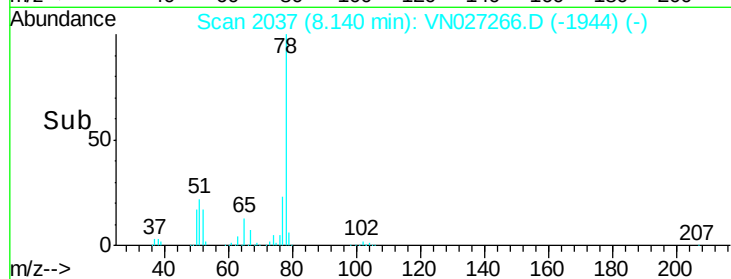
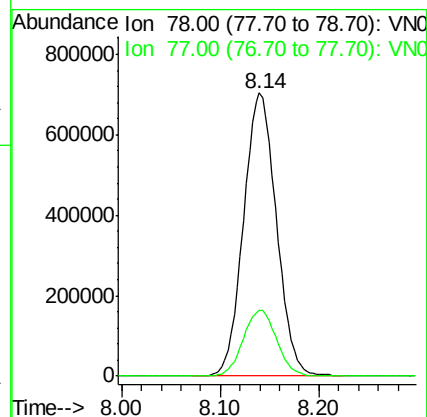
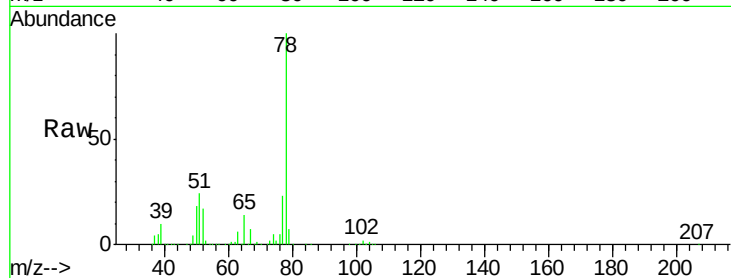
VSTDCCC050EC

Tgt Ion: 78 Resp: 1622417

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4



#42

Methacrylonitrile

Concen: 49.01 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion: 41 Resp: 276682

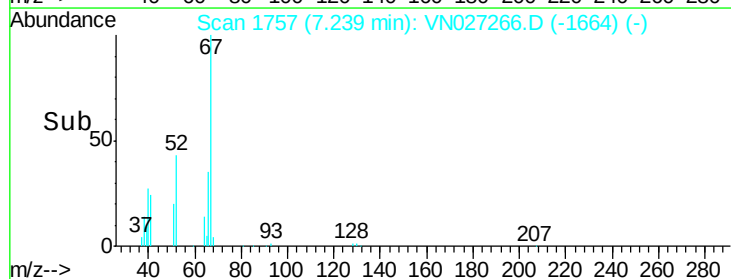
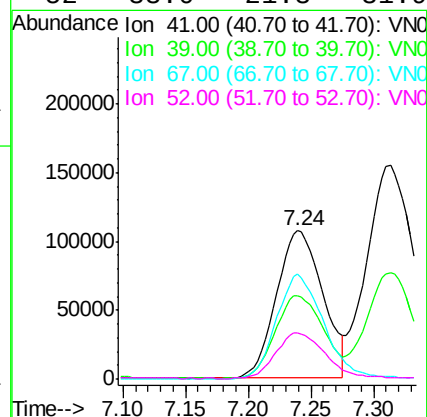
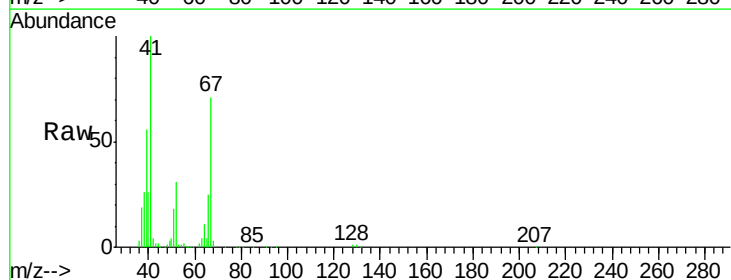
Ion Ratio Lower Upper

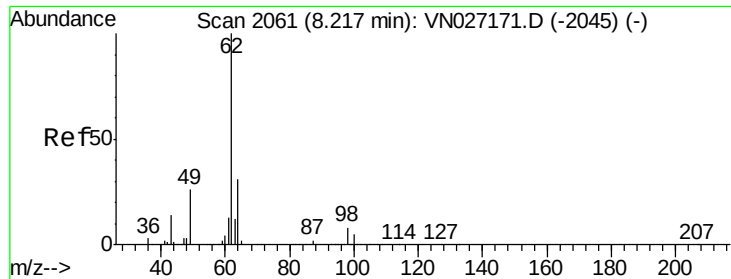
41 100

39 58.2 43.0 64.6

67 72.8 52.2 78.2

52 33.0 21.3 31.9#

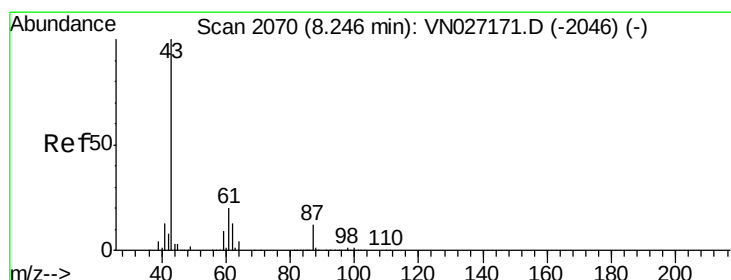
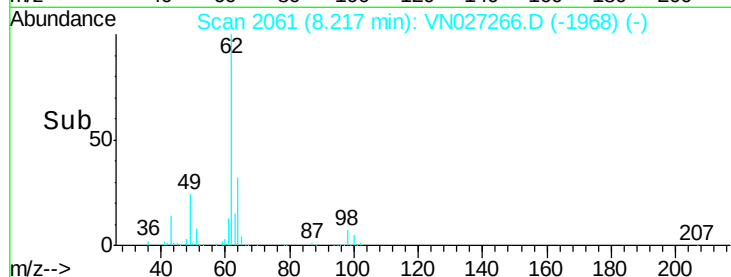
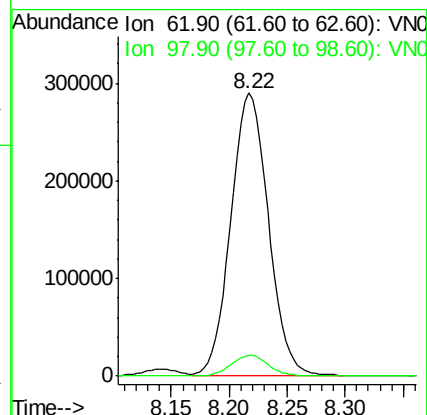
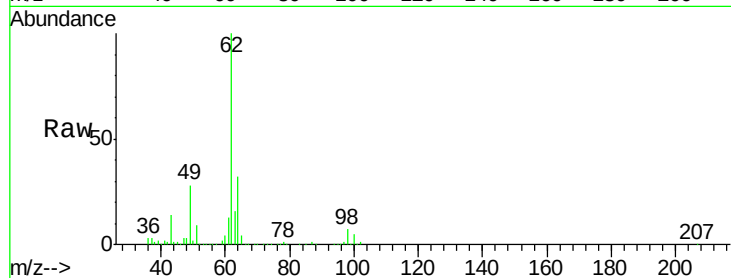




#43
 1,2-Dichloroethane
 Concen: 47.27 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

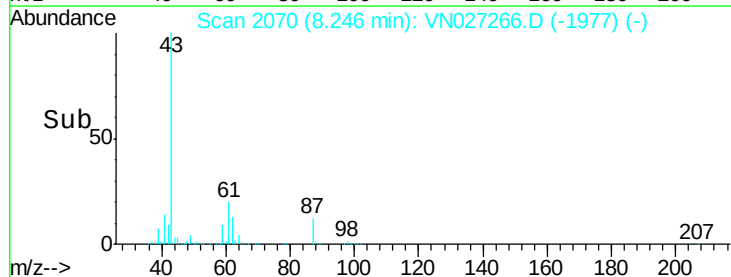
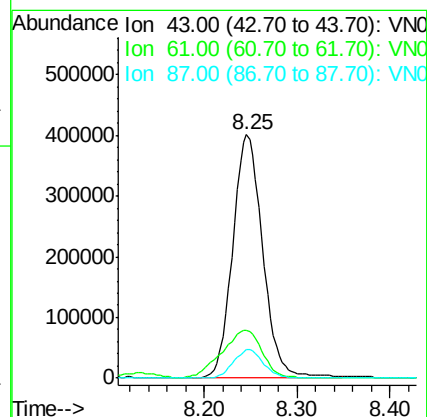
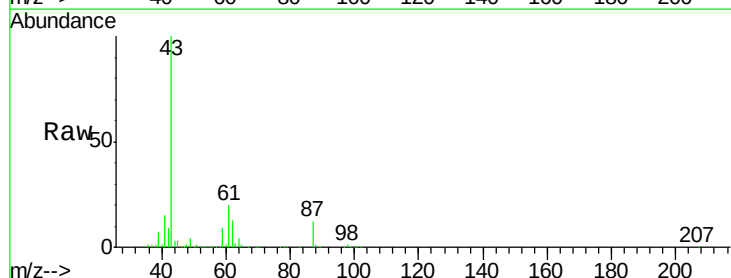
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

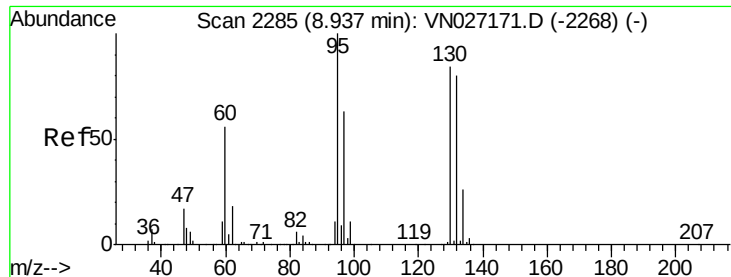
Tgt Ion: 62 Resp: 648889
 Ion Ratio Lower Upper
 62 100
 98 7.5 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 47.83 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 43 Resp: 892579
 Ion Ratio Lower Upper
 43 100
 61 26.5 20.6 31.0
 87 11.8 8.6 13.0





#45

Trichloroethene

Concen: 47.90 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

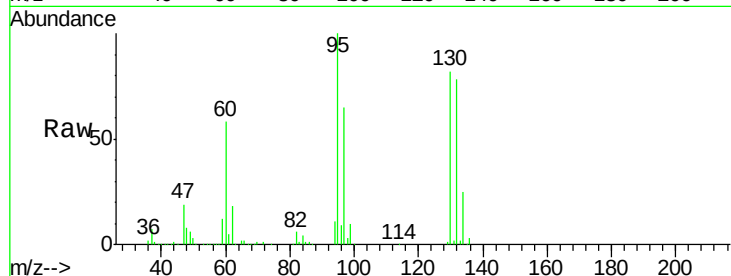
VSTDCCC050EC

Tgt Ion:130 Resp: 327837

Ion Ratio Lower Upper

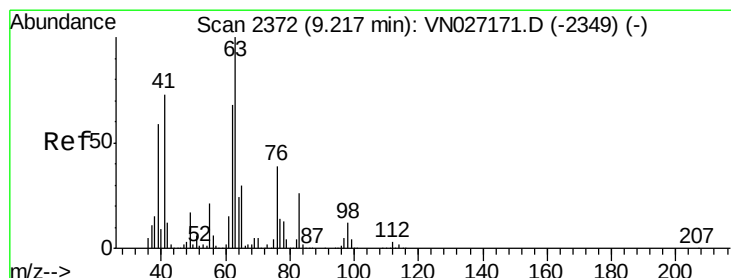
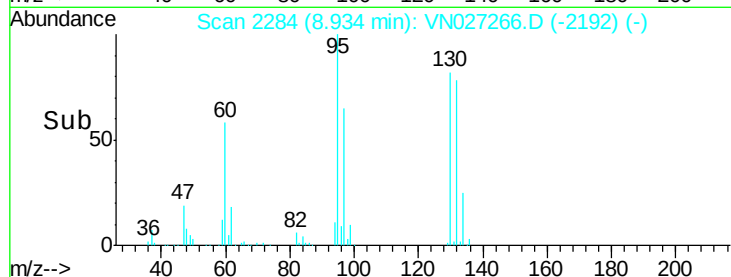
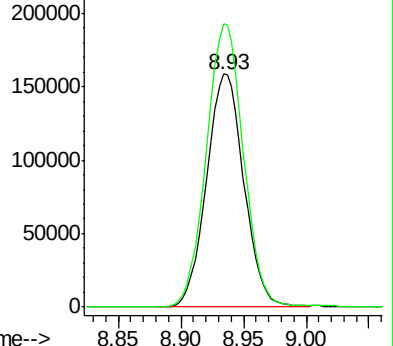
130 100

95 121.2 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

1,2-Dichloropropane

Concen: 46.46 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027266.D

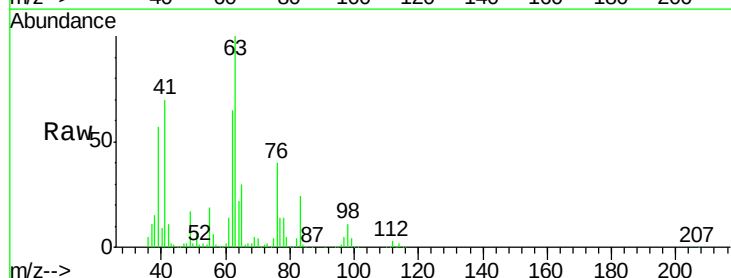
Acq: 17 Sep 2015 20:17

Tgt Ion: 63 Resp: 455396

Ion Ratio Lower Upper

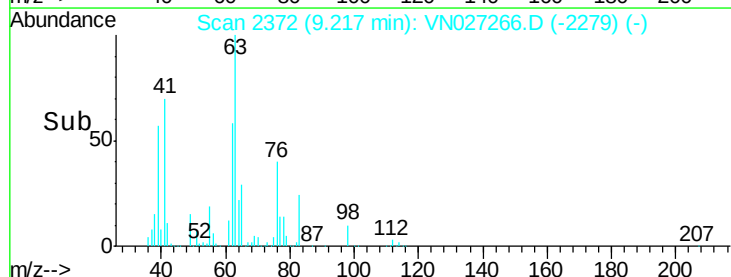
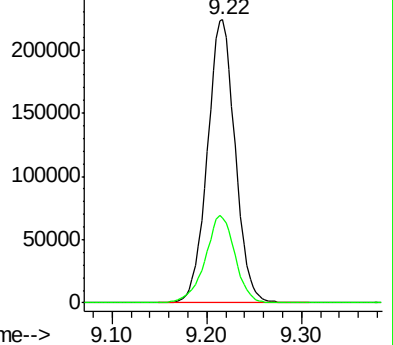
63 100

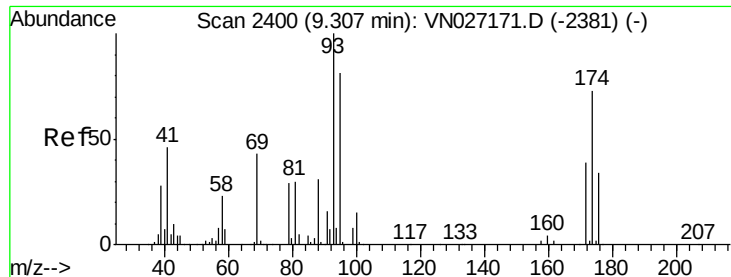
65 29.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Dibromomethane

Concen: 47.56 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

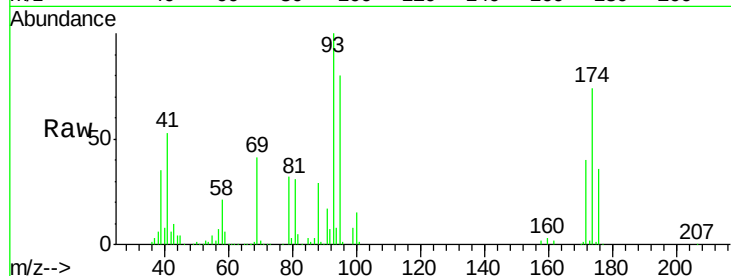
Tgt Ion: 93 Resp: 273757

Ion Ratio Lower Upper

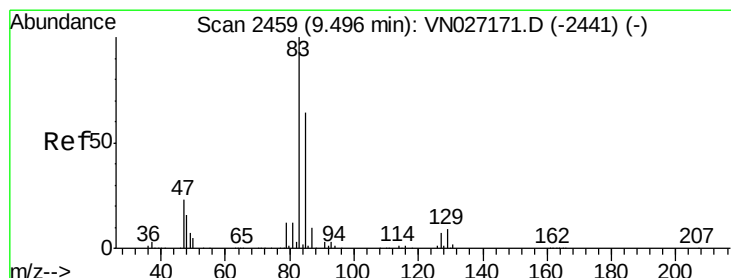
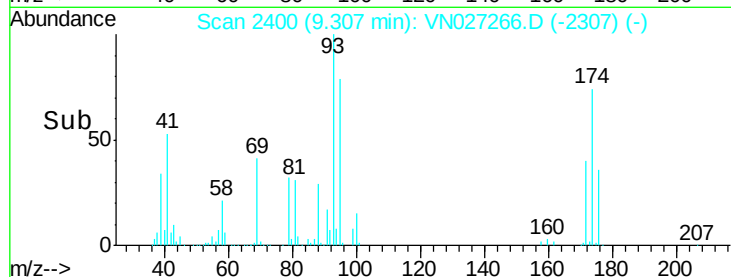
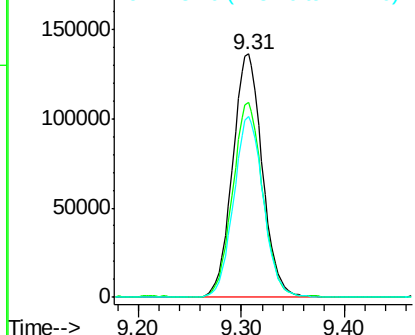
93 100

95 81.2 66.3 99.5

174 74.4 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: 47.41 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

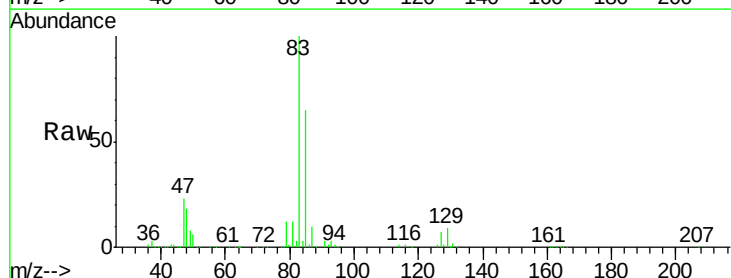
Tgt Ion: 83 Resp: 575058

Ion Ratio Lower Upper

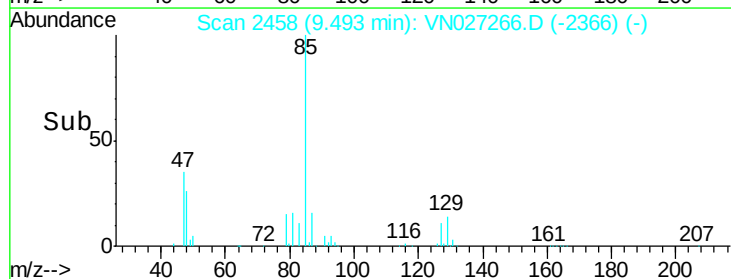
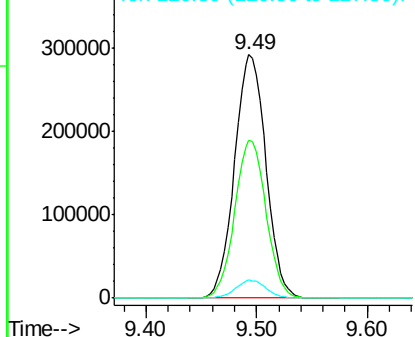
83 100

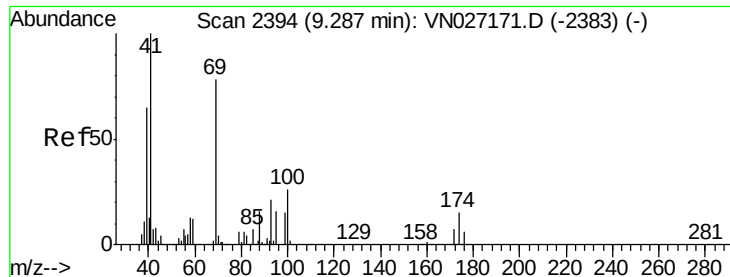
85 64.9 50.7 76.1

127 7.3 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

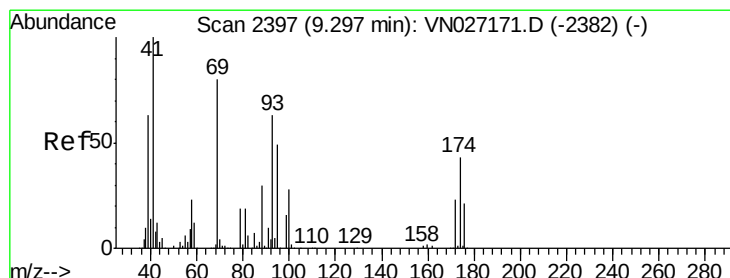
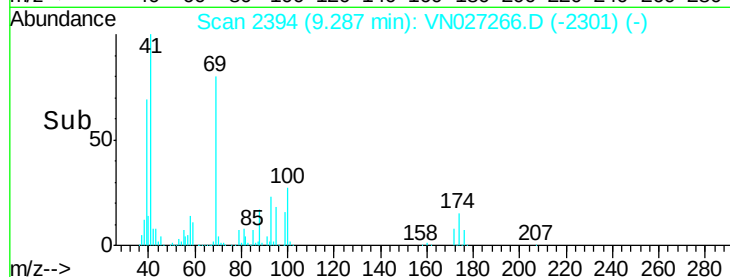
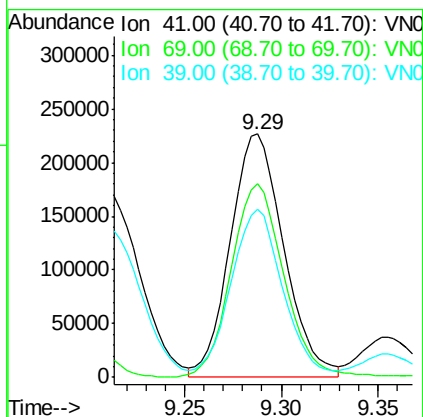
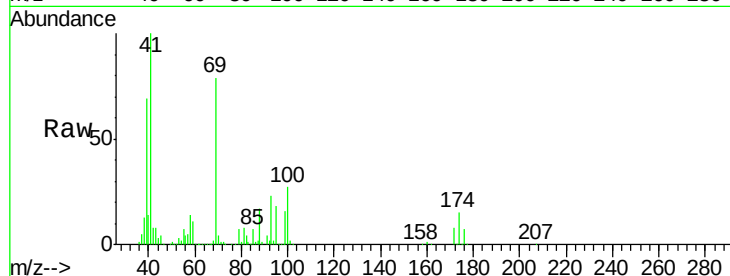




#49
Methyl methacrylate
Concen: 46.66 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

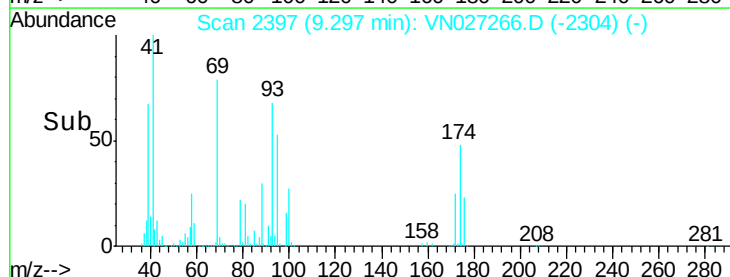
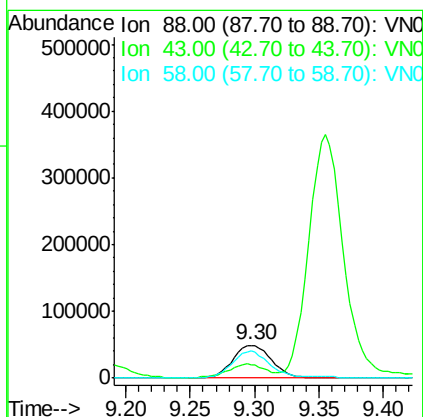
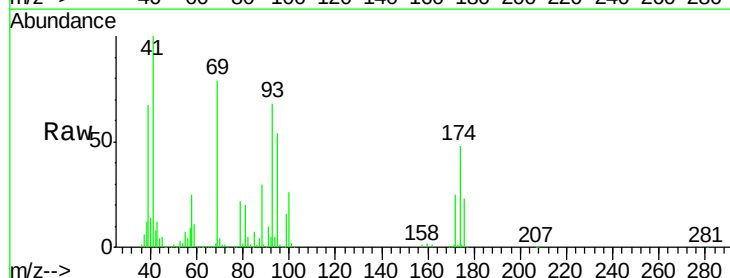
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

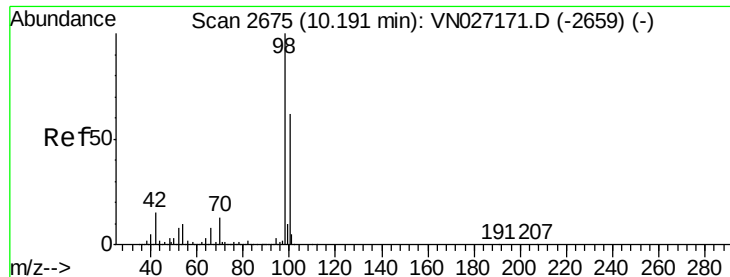
Tgt Ion: 41 Resp: 433831
Ion Ratio Lower Upper
41 100
69 79.1 59.3 88.9
39 67.2 39.5 59.3#



#50
1,4-Dioxane
Concen: 952.83 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 88 Resp: 103899
Ion Ratio Lower Upper
88 100
43 37.7 27.6 41.4
58 78.6 63.1 94.7





#51

Toluene-d8

Concen: 51.62 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

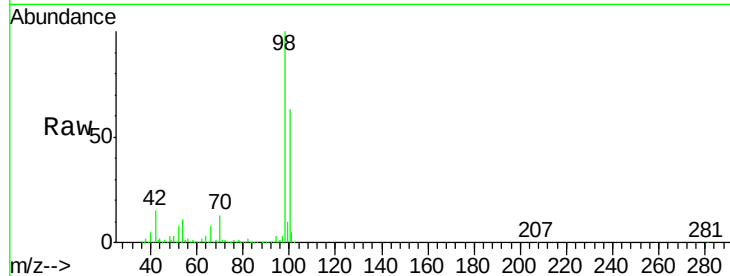
VSTDCCC050EC

Tgt Ion: 98 Resp: 1397758

Ion Ratio Lower Upper

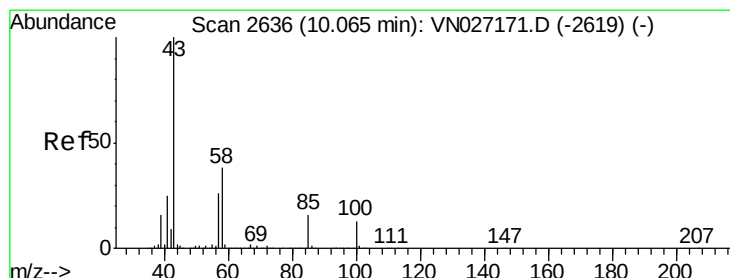
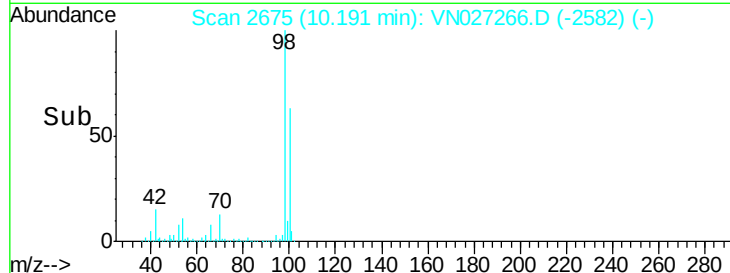
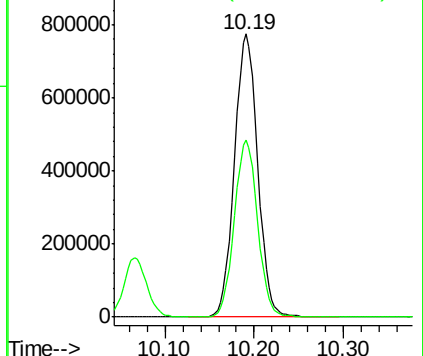
98 100

100 62.6 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 236.69 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027266.D

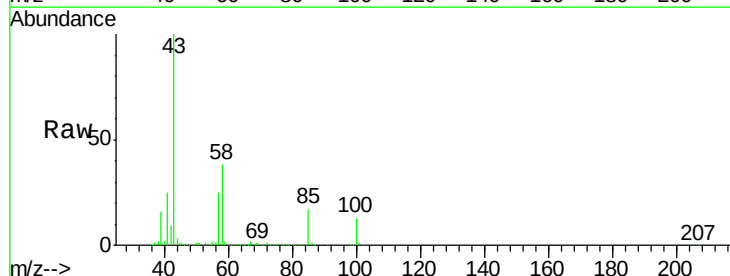
Acq: 17 Sep 2015 20:17

Tgt Ion: 43 Resp: 2335305

Ion Ratio Lower Upper

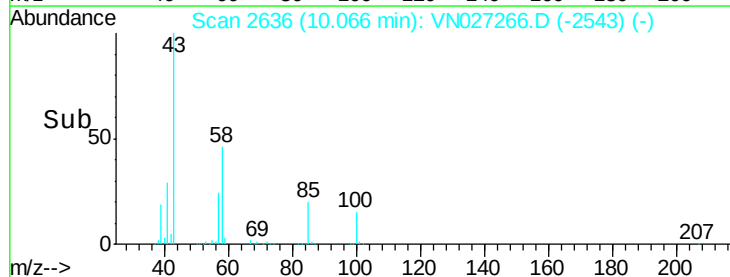
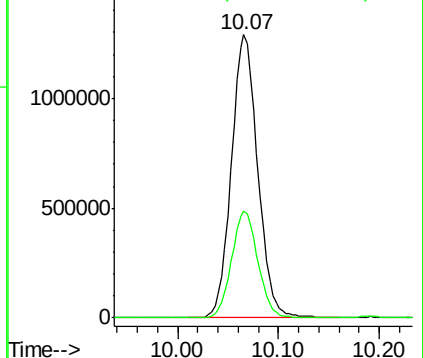
43 100

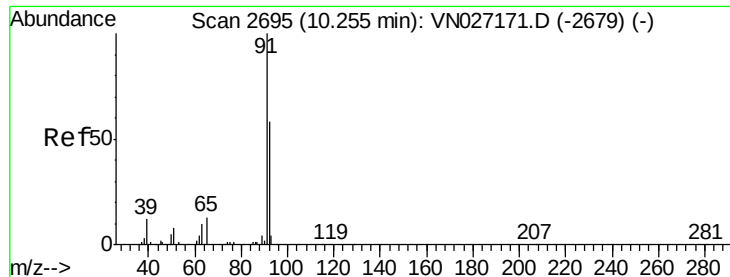
58 37.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 47.66 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

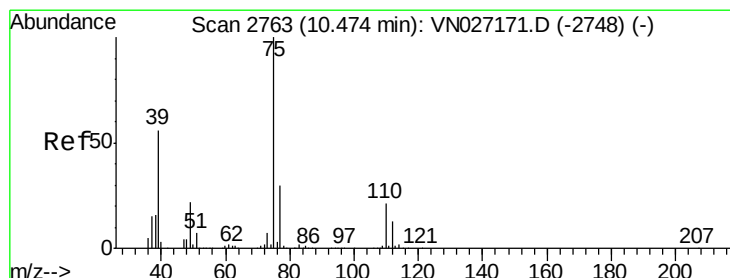
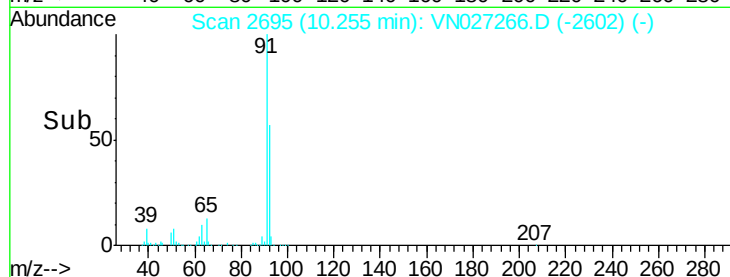
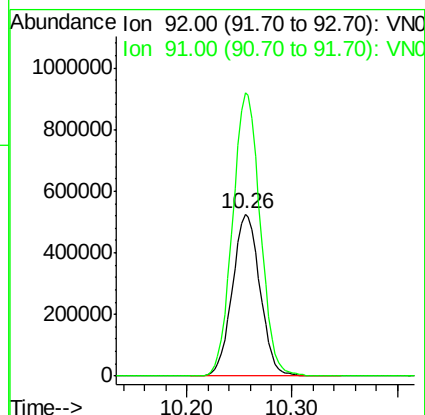
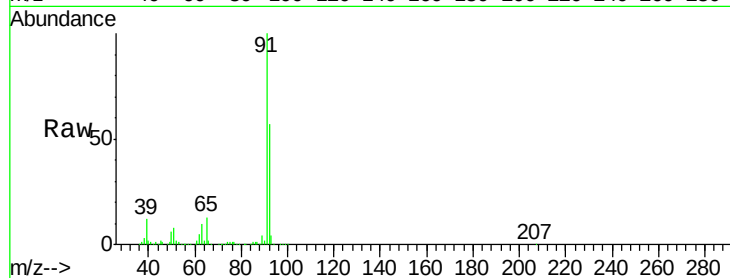
VSTDCCC050EC

Tgt Ion: 92 Resp: 951277

Ion Ratio Lower Upper

92 100

91 175.1 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 45.92 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027266.D

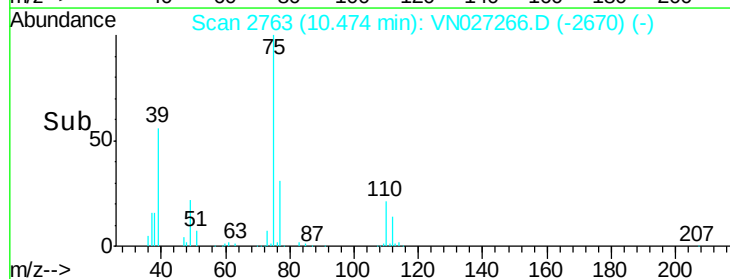
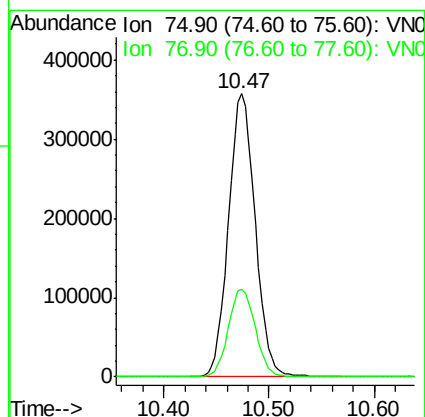
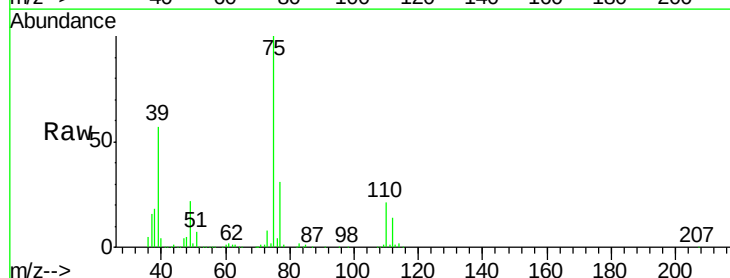
Acq: 17 Sep 2015 20:17

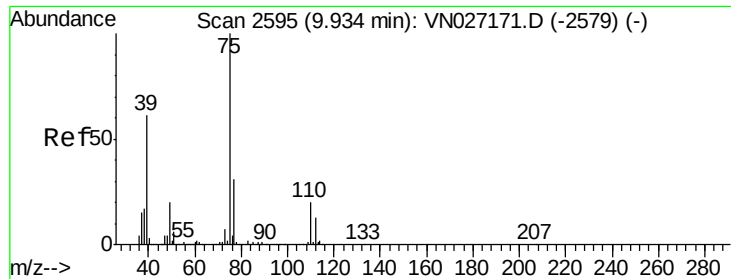
Tgt Ion: 75 Resp: 625500

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 46.20 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

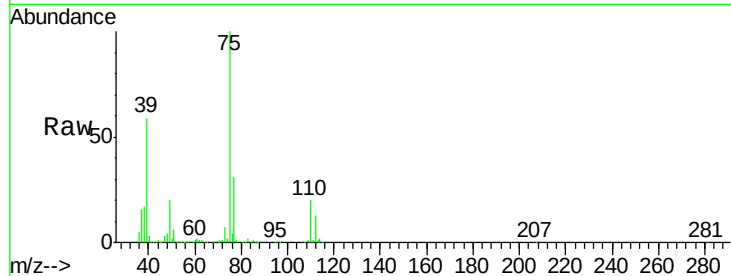
Tgt Ion: 75 Resp: 684670

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 59.0 41.6 62.4

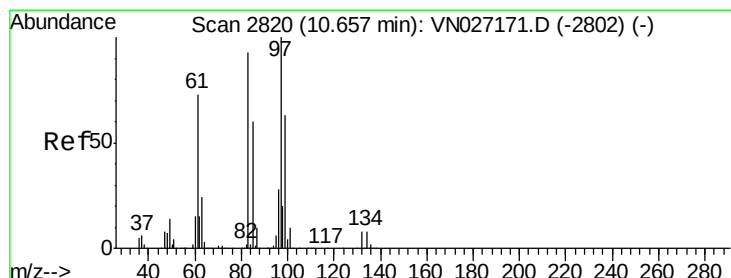
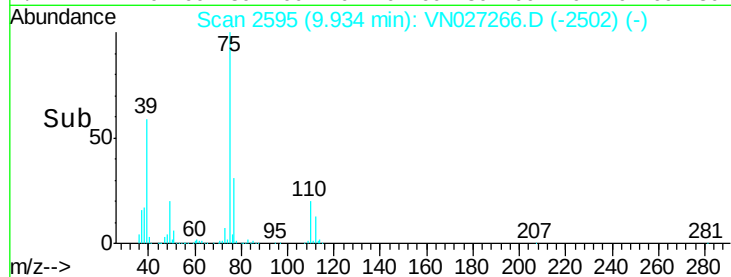
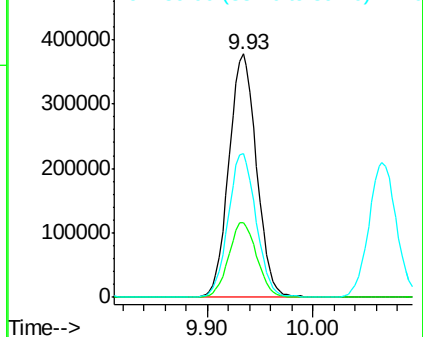


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

1,1,2-Trichloroethane

Concen: 48.84 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion: 97 Resp: 366307

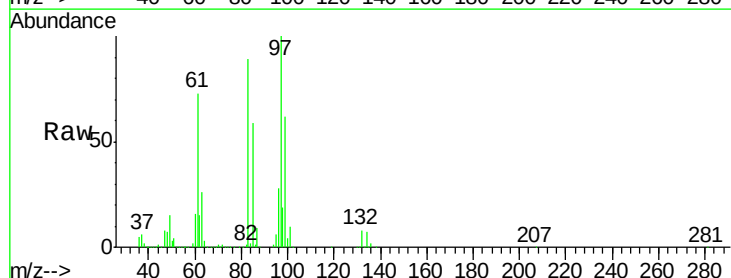
Ion Ratio Lower Upper

97 100

83 88.7 75.0 112.4

85 59.0 48.0 72.0

99 61.4 50.3 75.5



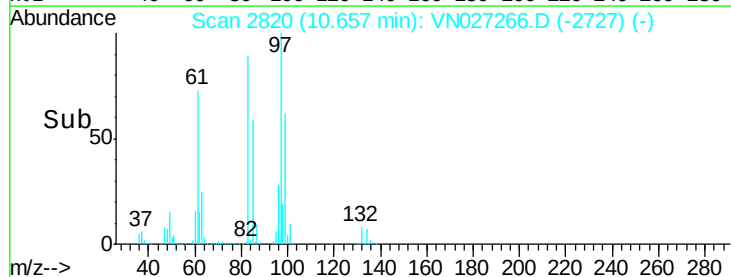
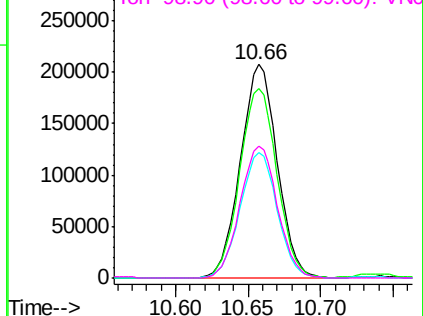
Abundance

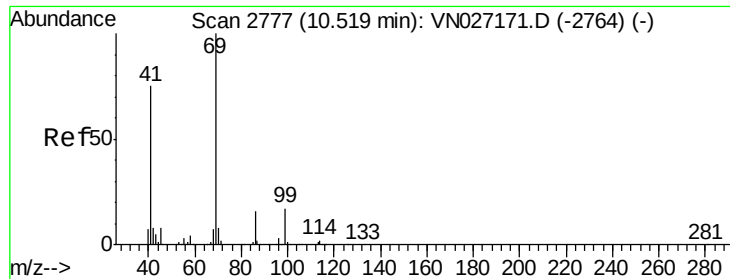
Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0





#57

Ethyl methacrylate

Concen: 47.63 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

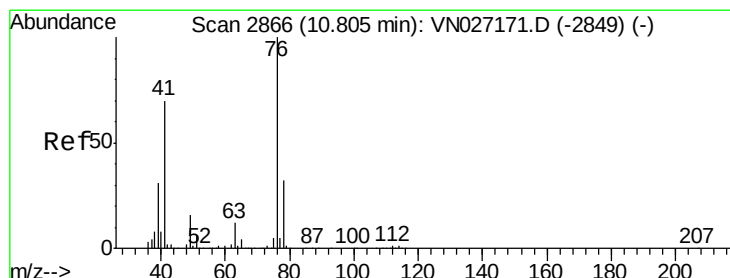
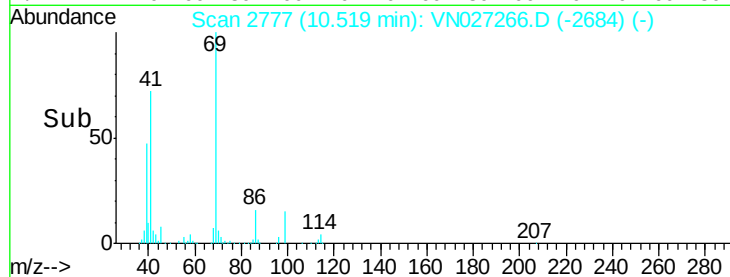
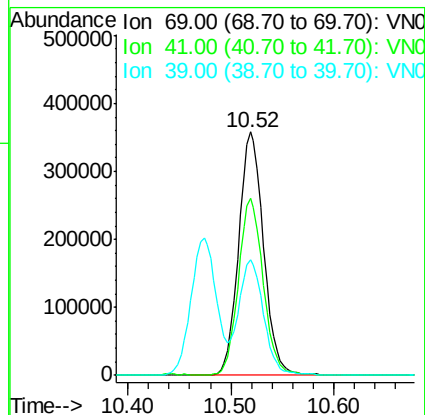
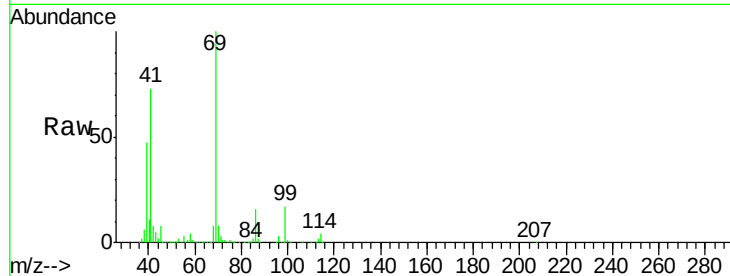
Tgt Ion: 69 Resp: 602084

Ion Ratio Lower Upper

69 100

41 71.8 61.3 91.9

39 47.6 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 48.04 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027266.D

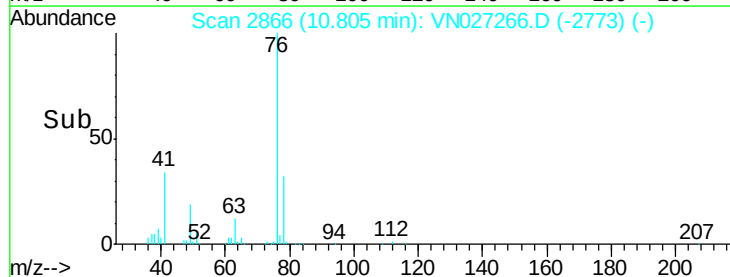
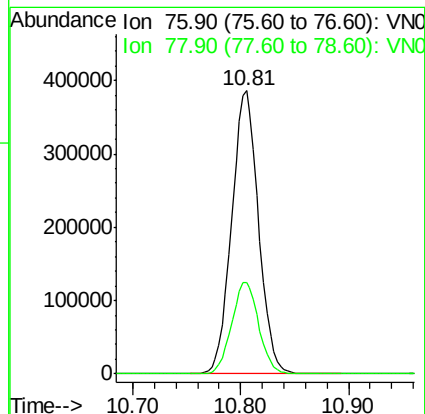
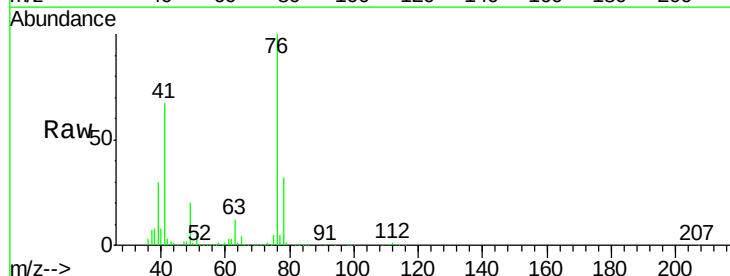
Acq: 17 Sep 2015 20:17

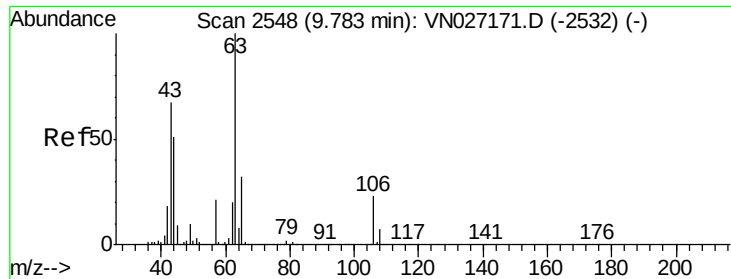
Tgt Ion: 76 Resp: 668922

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6

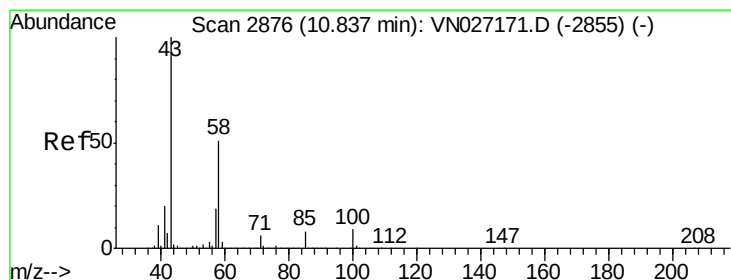
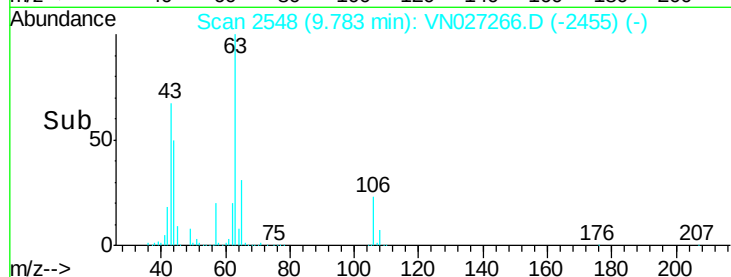
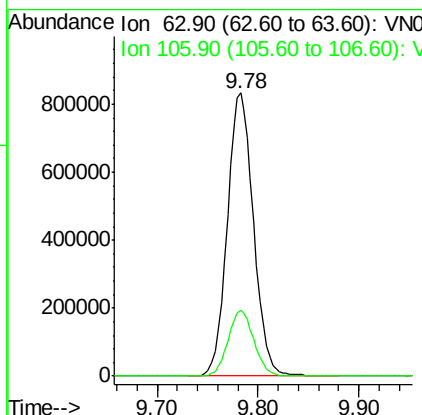
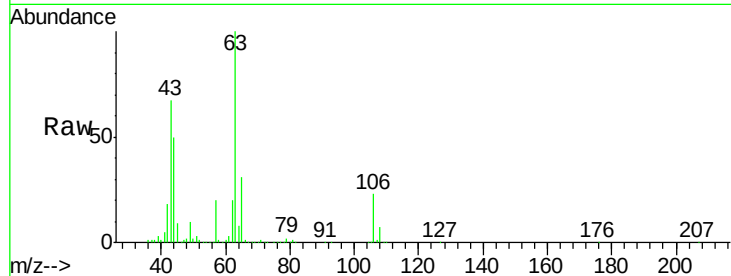




#59
2-Chloroethyl Vinyl ether
Concen: 259.50 ug/l
RT: 9.78 min Scan# 2548
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

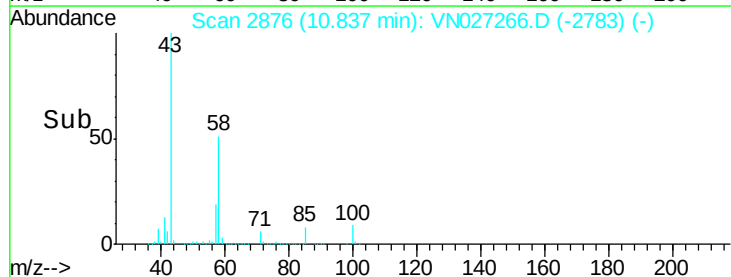
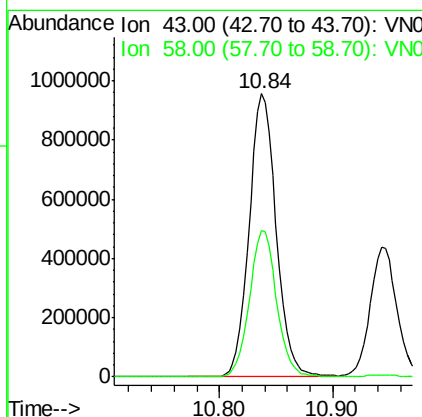
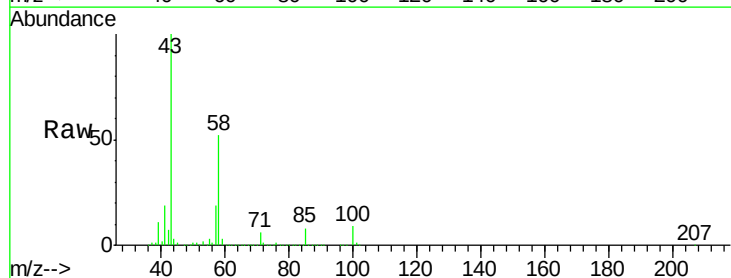
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

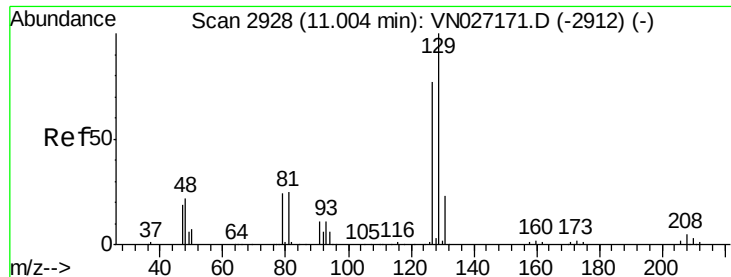
Tgt Ion: 63 Resp: 1506034
Ion Ratio Lower Upper
63 100
106 22.9 17.7 26.5



#60
2-Hexanone
Concen: 236.04 ug/l
RT: 10.84 min Scan# 2876
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 43 Resp: 1585581
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.5

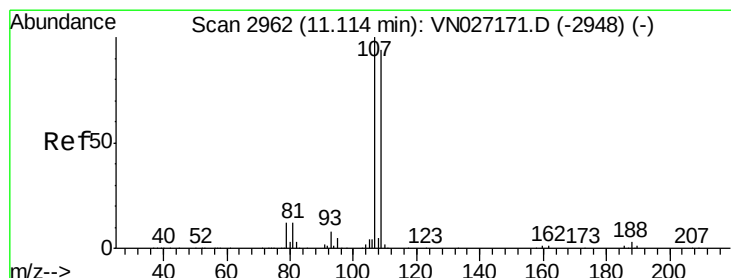
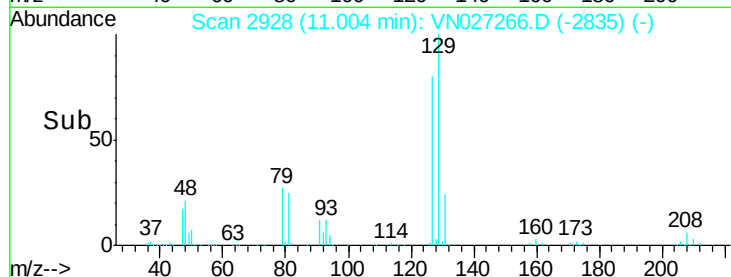
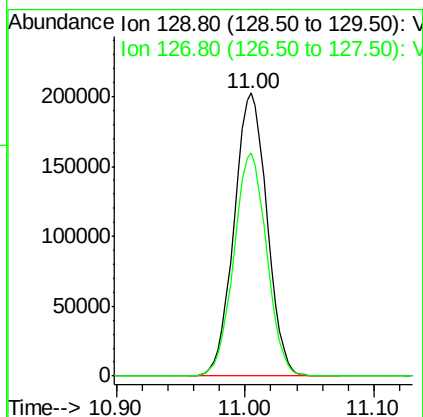
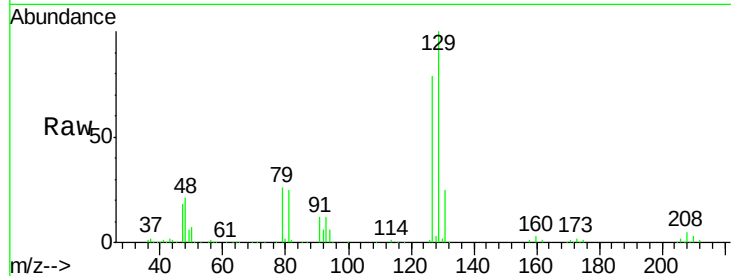




#61
 Dibromochloromethane
 Concen: 46.81 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

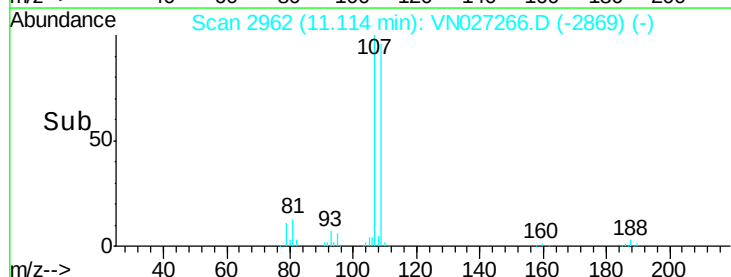
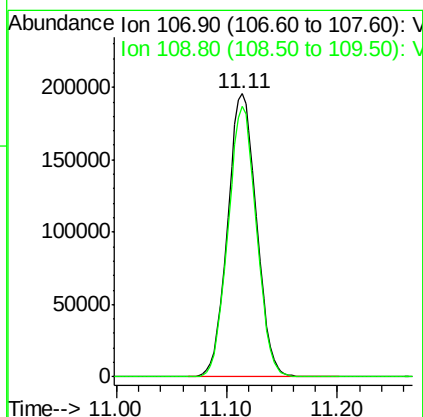
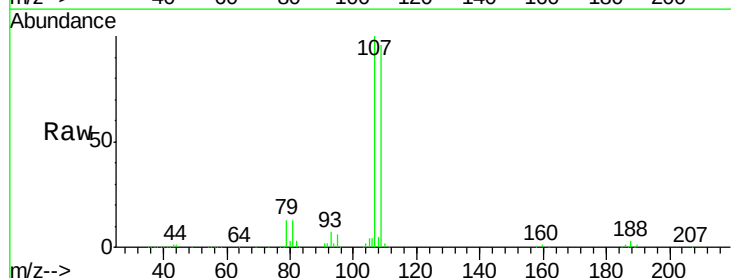
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

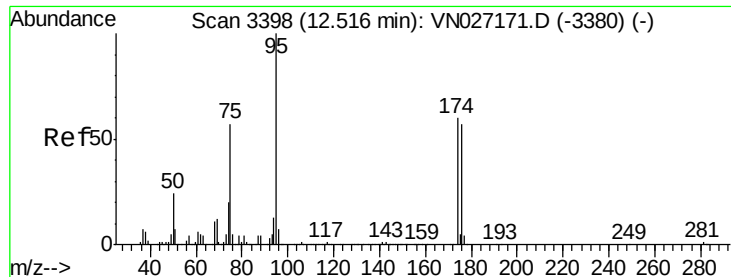
Tgt Ion:129 Resp: 358570
 Ion Ratio Lower Upper
 129 100
 127 79.0 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 48.12 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion:107 Resp: 354714
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4

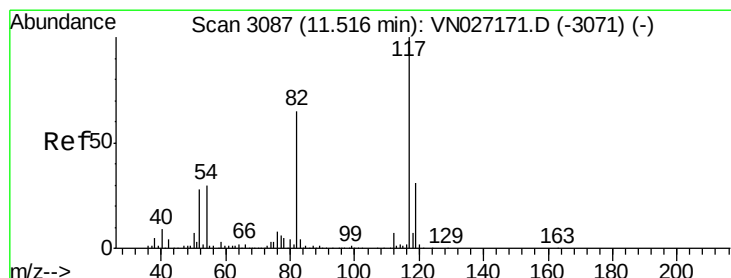
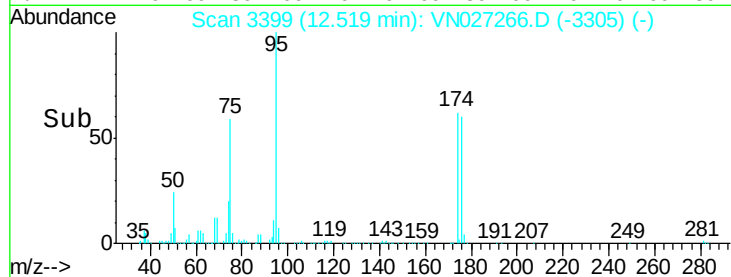
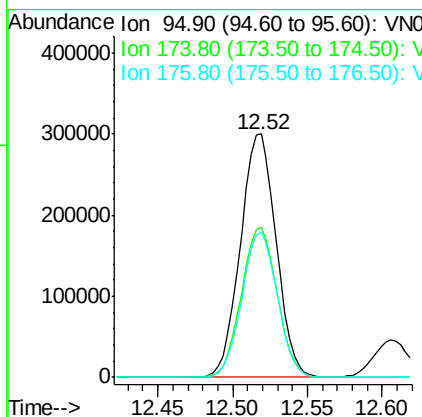
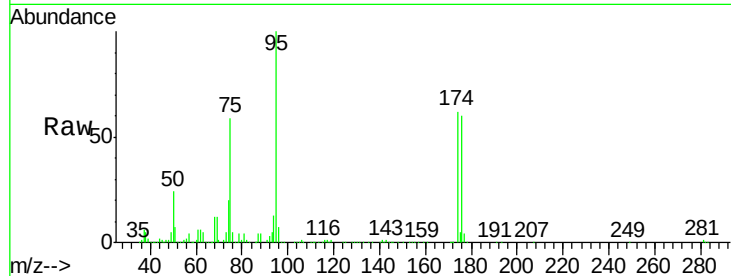




#63
4-Bromofluorobenzene
Concen: 51.99 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

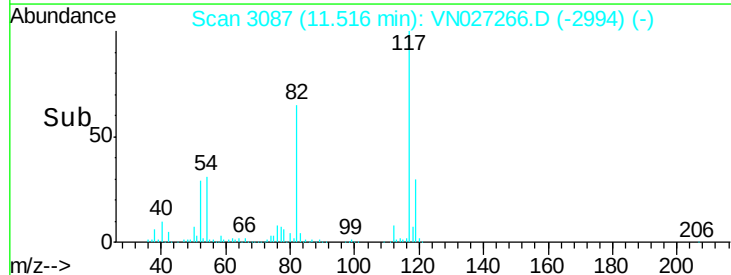
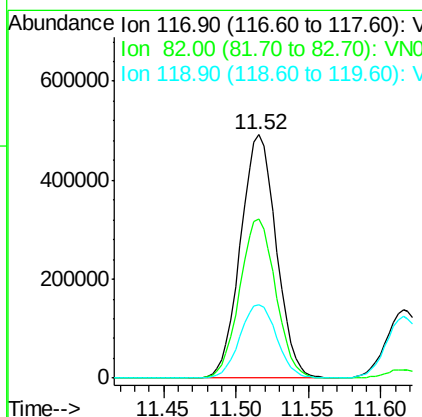
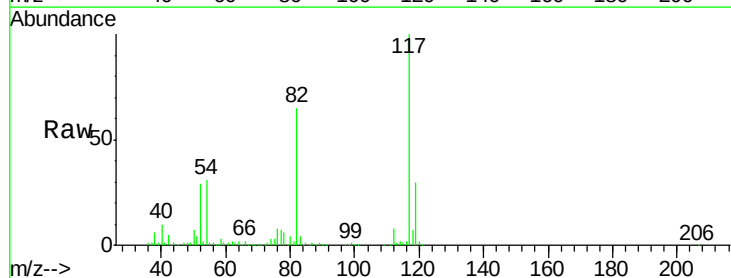
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

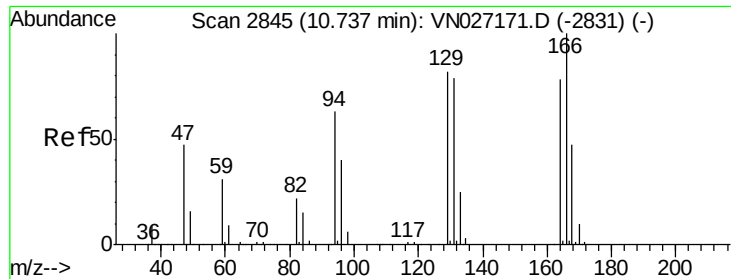
Tgt Ion: 95 Resp: 499619
Ion Ratio Lower Upper
95 100
174 61.8 0.0 137.0
176 59.1 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 117 Resp: 845381
Ion Ratio Lower Upper
117 100
82 65.2 49.6 74.4
119 30.4 24.6 36.8

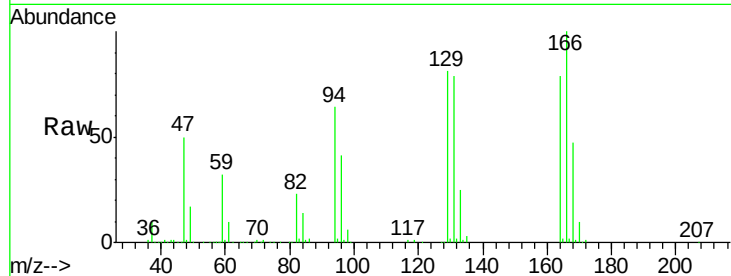




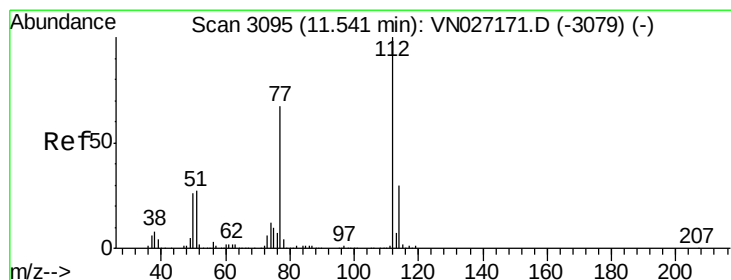
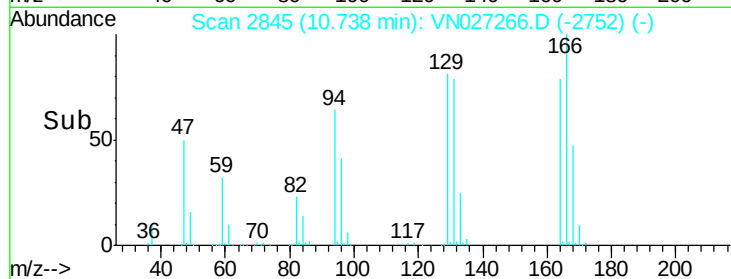
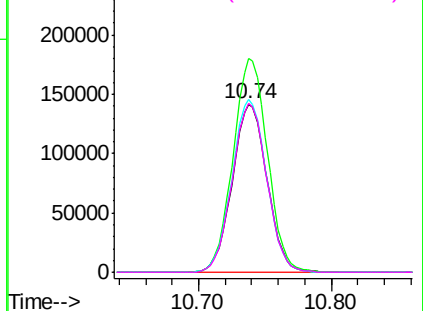
#65
Tetrachloroethene
Concen: 47.73 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:164 Resp: 258058
Ion Ratio Lower Upper
164 100
166 126.9 103.4 155.0
129 102.9 77.5 116.3
131 100.5 74.2 111.4

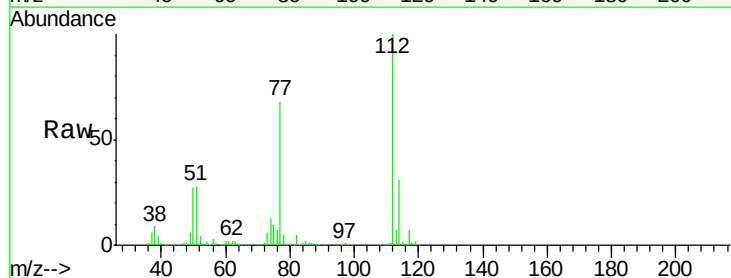


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

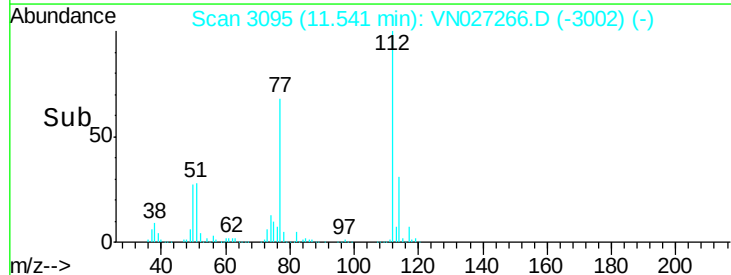
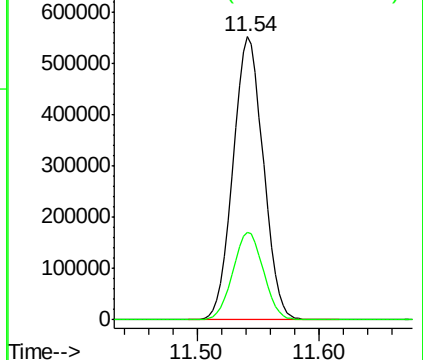


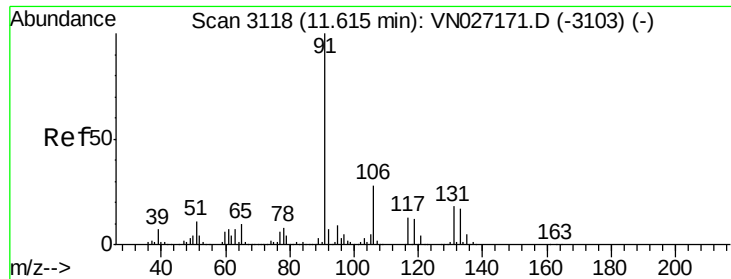
#66
Chlorobenzene
Concen: 47.68 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion:112 Resp: 951642
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#67

1,1,1,2-Tetrachloroethane

Concen: 47.35 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

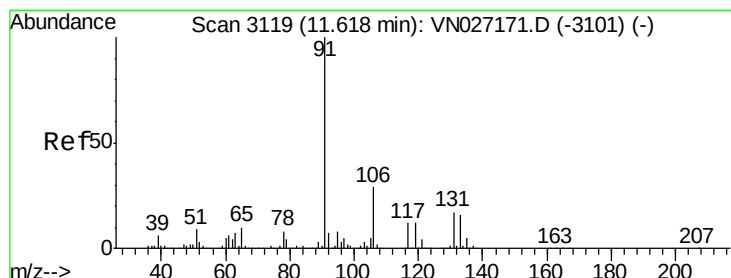
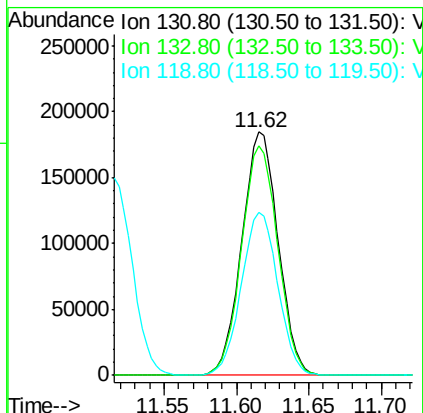
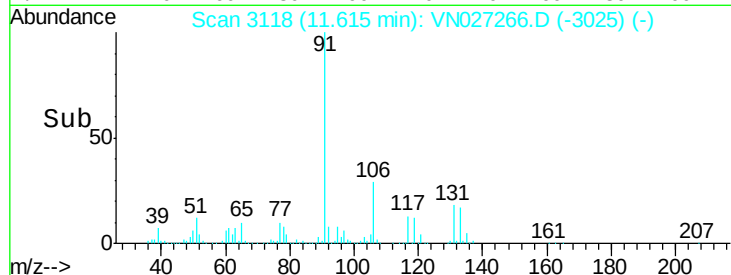
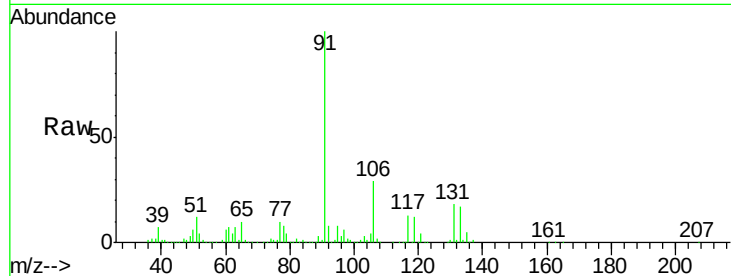
Tgt Ion:131 Resp: 322376

Ion Ratio Lower Upper

131 100

133 94.3 47.0 141.2

119 67.4 35.1 105.5



#68

Ethyl Benzene

Concen: 48.06 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027266.D

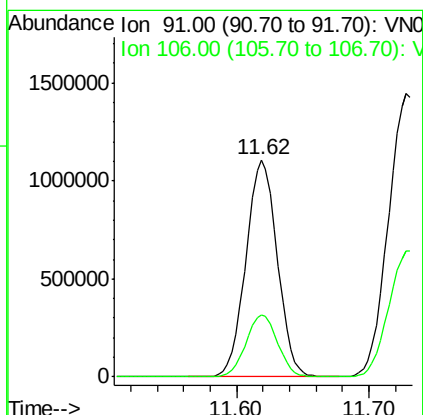
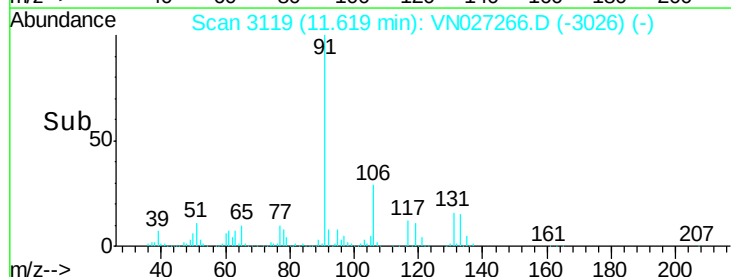
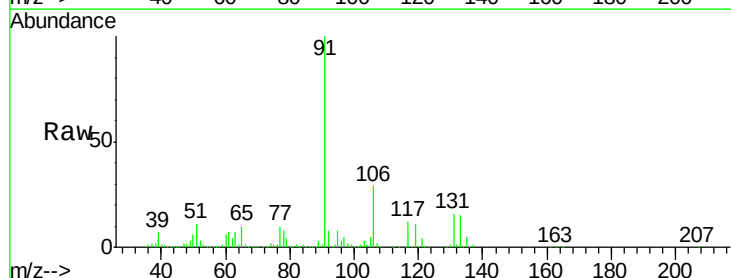
Acq: 17 Sep 2015 20:17

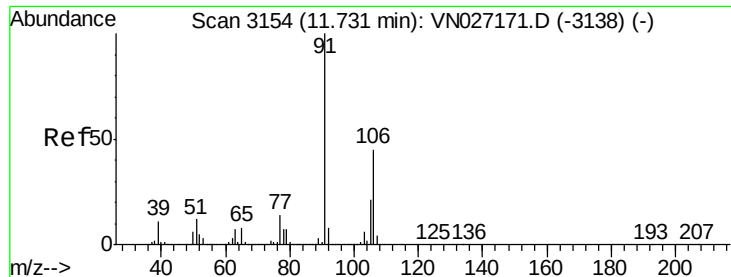
Tgt Ion: 91 Resp: 1818938

Ion Ratio Lower Upper

91 100

106 28.7 23.1 34.7





#69

m/p-Xylenes

Concen: 96.49 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

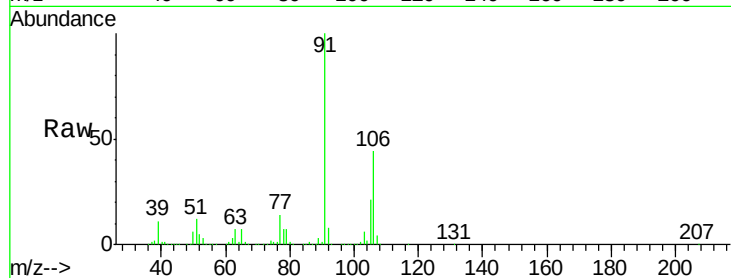
VSTDCCC050EC

Tgt Ion:106 Resp: 1259967

Ion Ratio Lower Upper

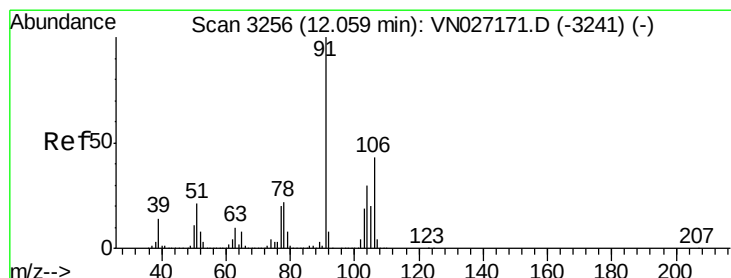
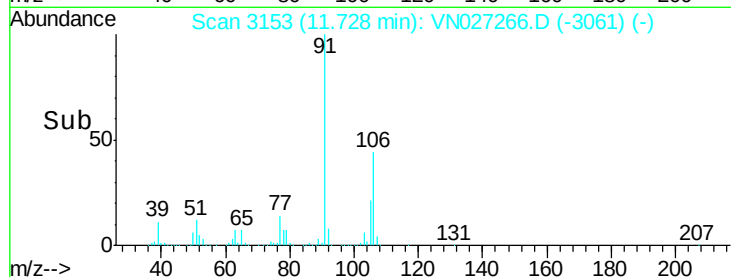
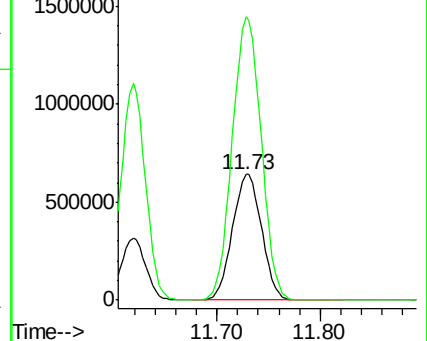
106 100

91 223.7 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 47.82 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027266.D

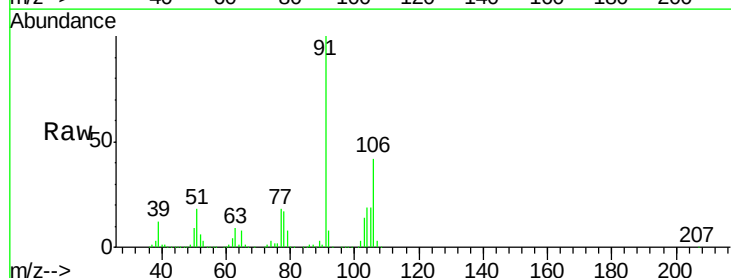
Acq: 17 Sep 2015 20:17

Tgt Ion:106 Resp: 625922

Ion Ratio Lower Upper

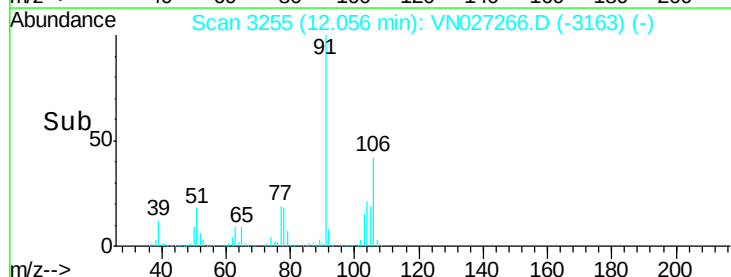
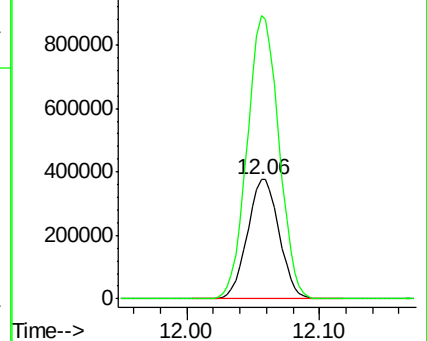
106 100

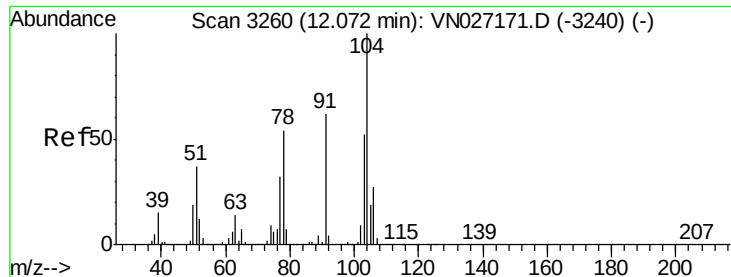
91 236.7 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

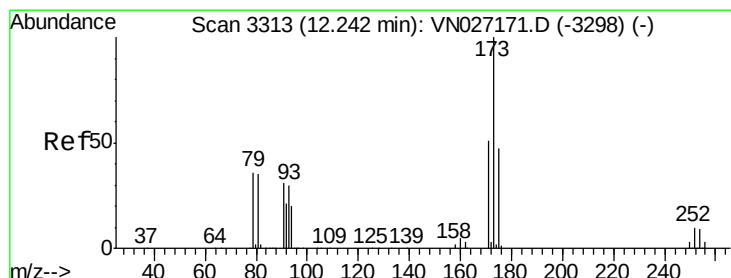
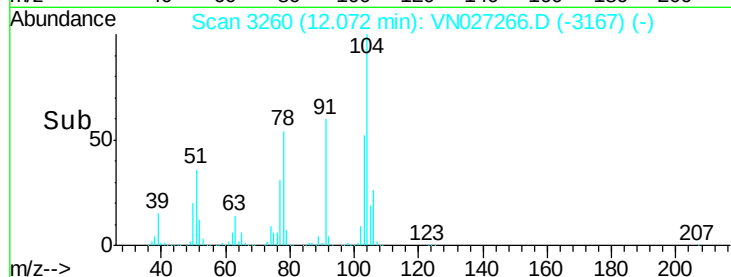
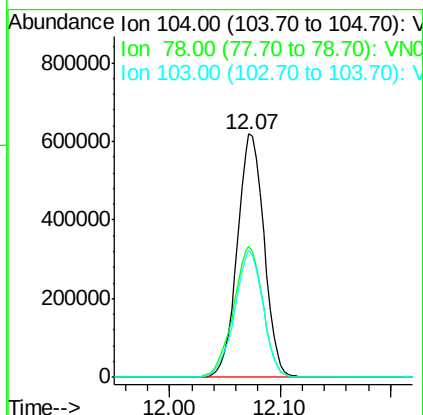
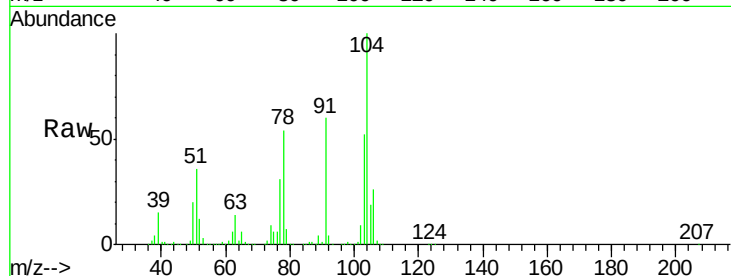




#71
Styrene
Concen: 49.20 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

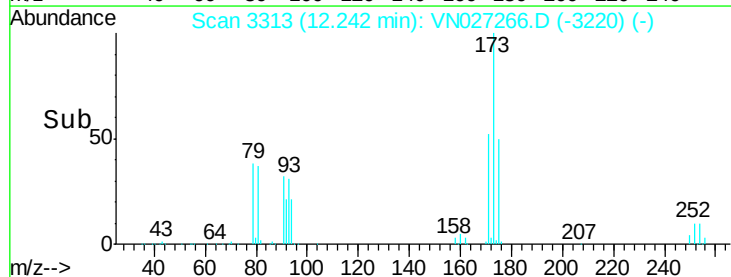
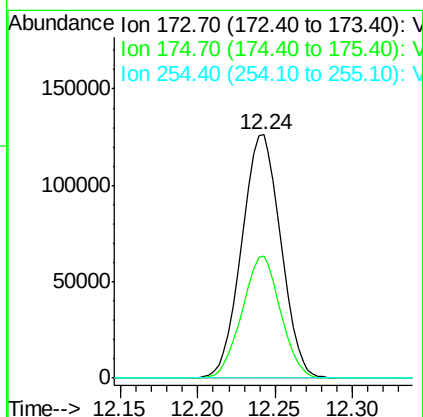
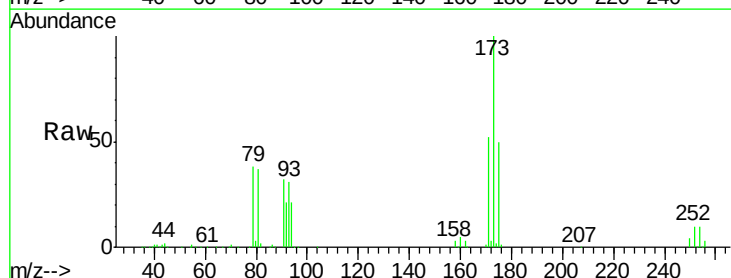
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

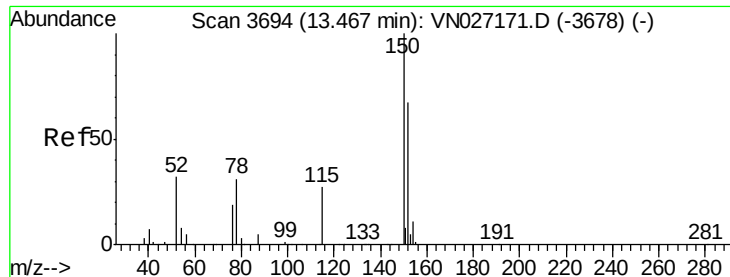
Tgt Ion:104 Resp: 1039687
Ion Ratio Lower Upper
104 100
78 59.0 41.6 62.4
103 55.2 44.2 66.2



#72
Bromoform
Concen: 47.07 ug/l
RT: 12.24 min Scan# 3313
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion:173 Resp: 222829
Ion Ratio Lower Upper
173 100
175 49.2 24.4 73.4
254 0.1 0.1 0.1#





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

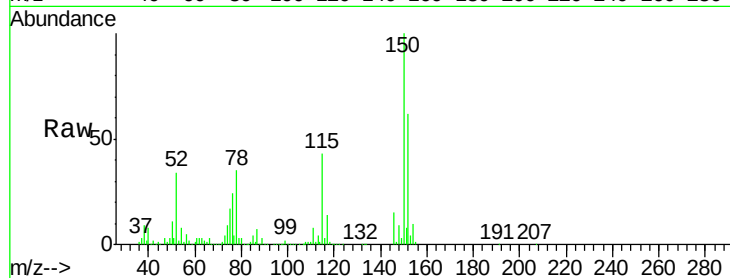
Tgt Ion:152 Resp: 326555

Ion Ratio Lower Upper

152 100

115 68.3 30.8 92.3

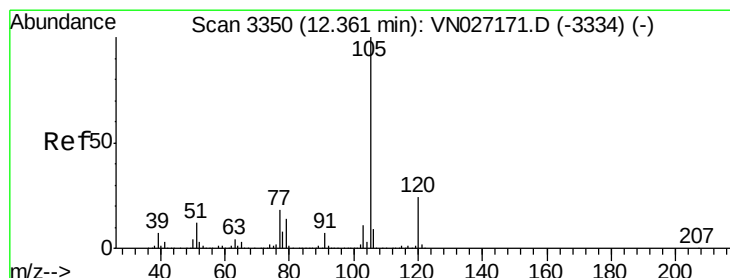
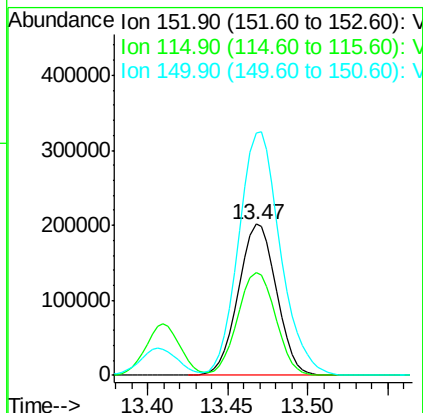
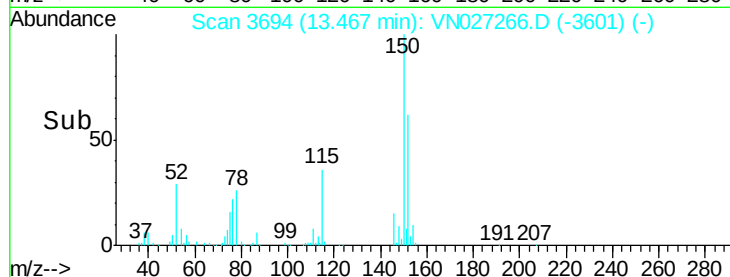
150 176.4 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

Isopropylbenzene

Concen: 46.72 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027266.D

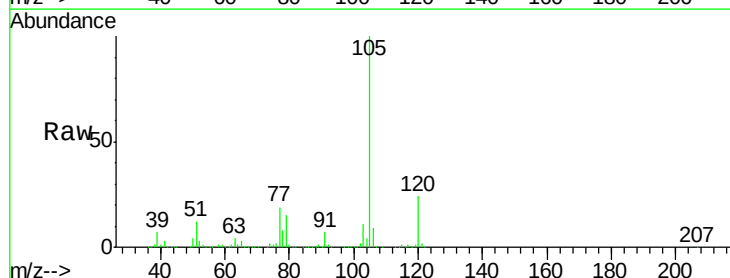
Acq: 17 Sep 2015 20:17

Tgt Ion:105 Resp: 1681075

Ion Ratio Lower Upper

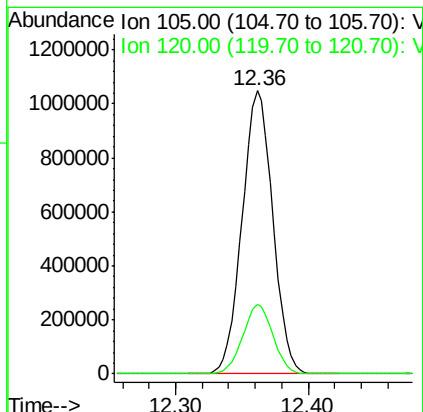
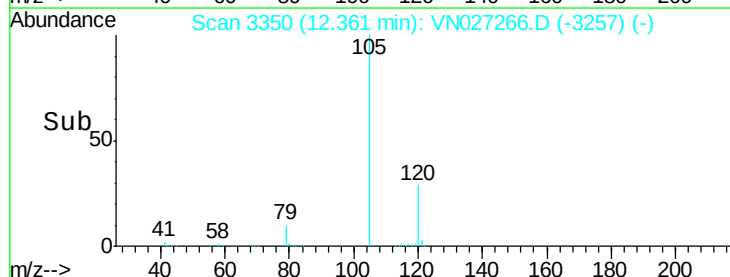
105 100

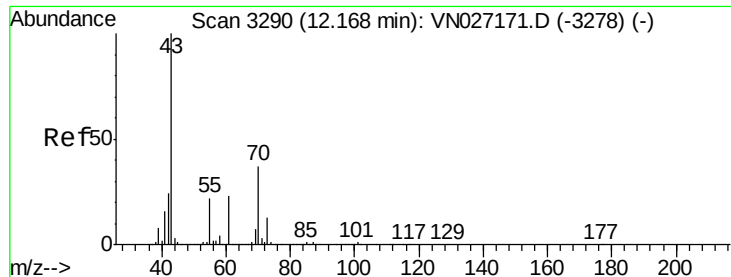
120 24.1 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 46.46 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 746198

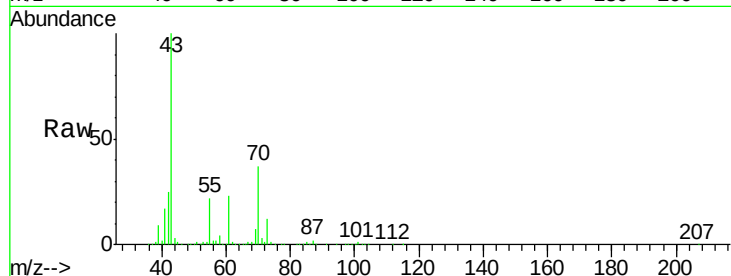
Ion Ratio Lower Upper

43 100

70 37.5 29.8 44.8

55 22.6 19.4 29.0

61 22.7 18.2 27.2

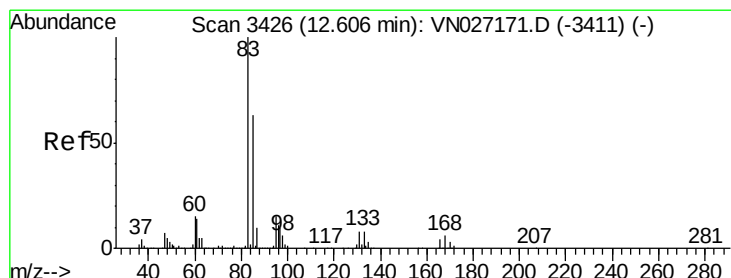
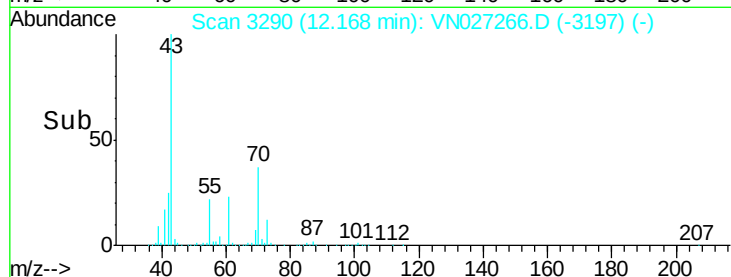
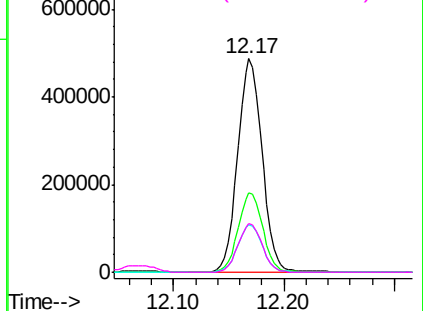


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 52.07 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

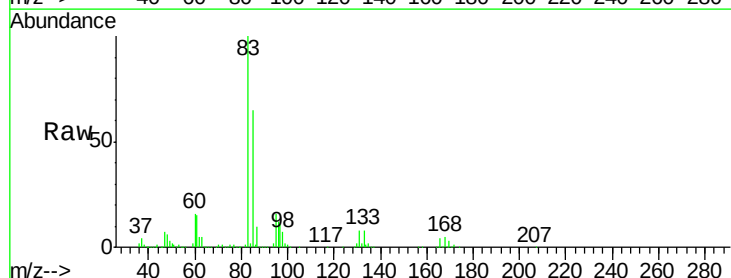
Tgt Ion: 83 Resp: 482419

Ion Ratio Lower Upper

83 100

131 8.4 4.1 12.3

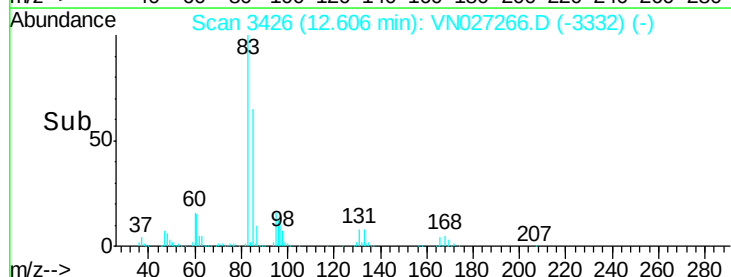
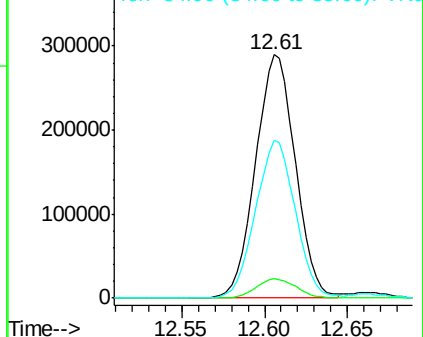
85 64.9 31.9 95.7

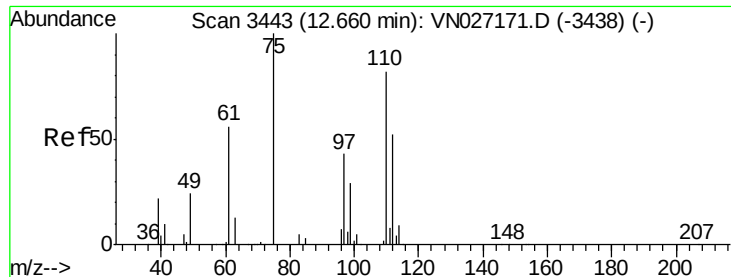


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 69.27 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampled :

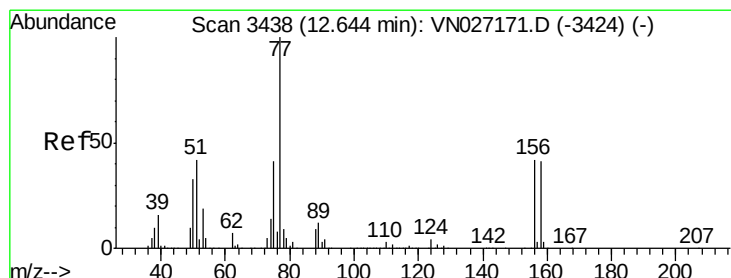
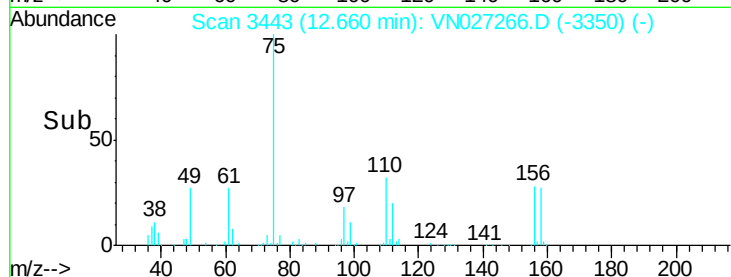
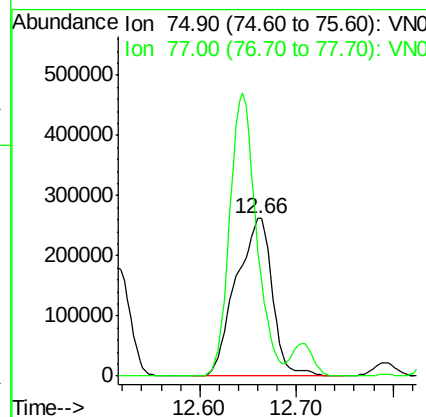
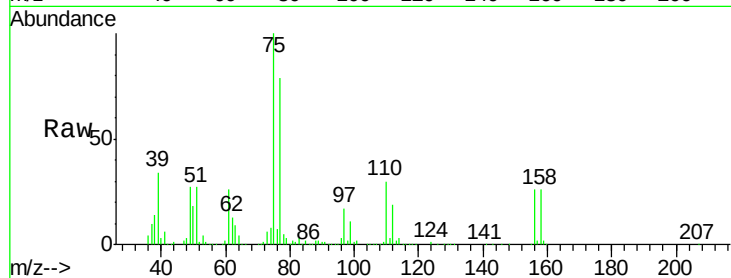
VSTDCCC050EC

Tgt Ion: 75 Resp: 683635

Ion Ratio Lower Upper

75 100

77 131.8 103.1 309.3



#78

Bromobenzene

Concen: 46.96 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

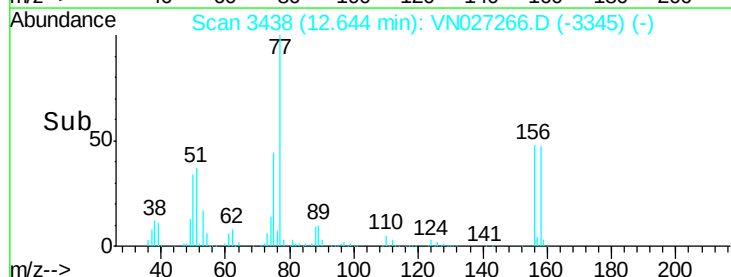
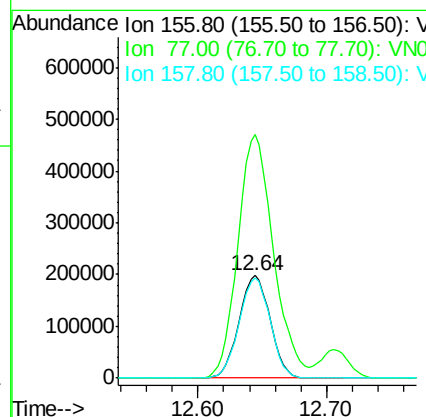
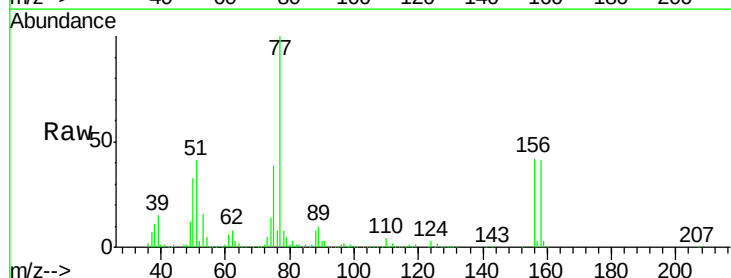
Tgt Ion: 156 Resp: 331375

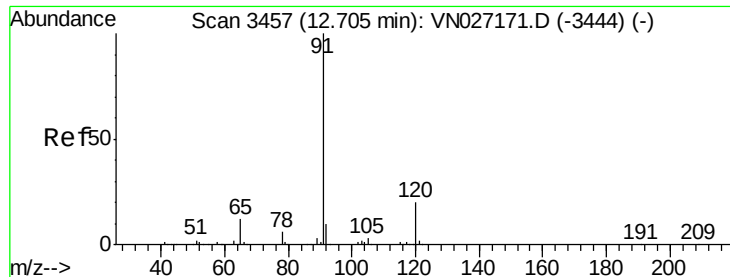
Ion Ratio Lower Upper

156 100

77 272.0 127.3 381.9

158 97.6 48.0 144.2





#79

n-propylbenzene

Concen: 47.34 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

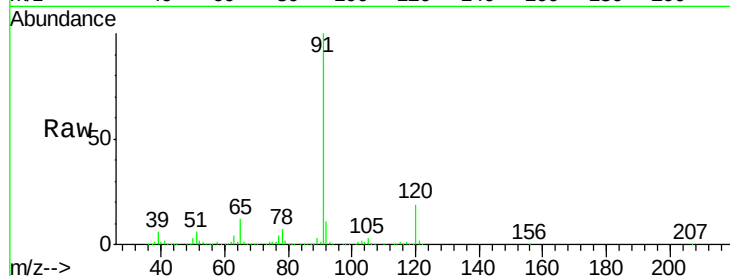
VSTDCCC050EC

Tgt Ion: 91 Resp: 2004317

Ion Ratio Lower Upper

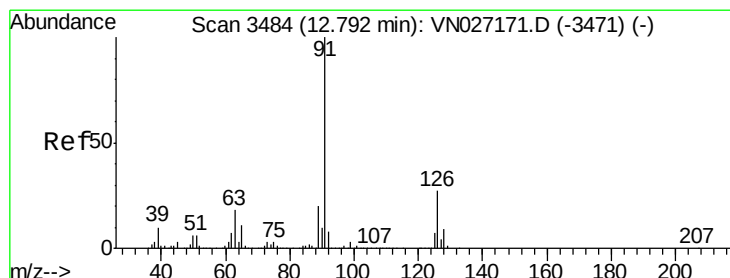
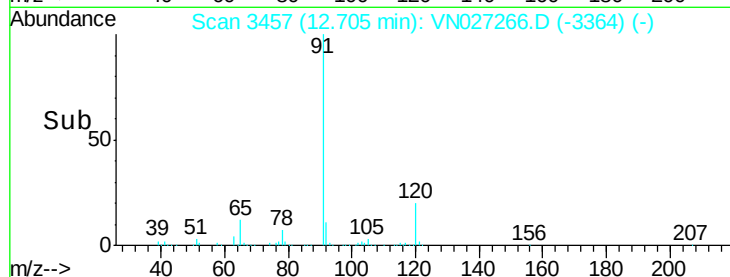
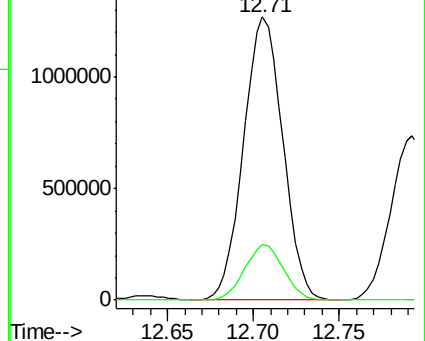
91 100

120 19.5 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

2-Chlorotoluene

Concen: 47.40 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027266.D

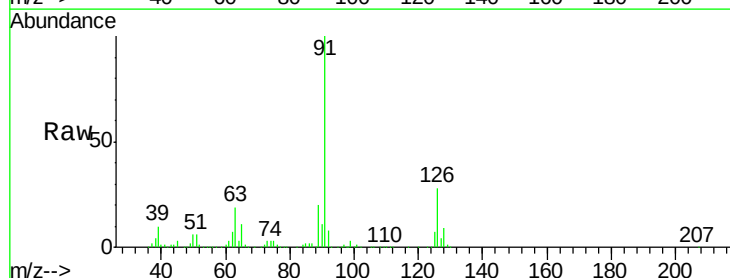
Acq: 17 Sep 2015 20:17

Tgt Ion: 91 Resp: 1205024

Ion Ratio Lower Upper

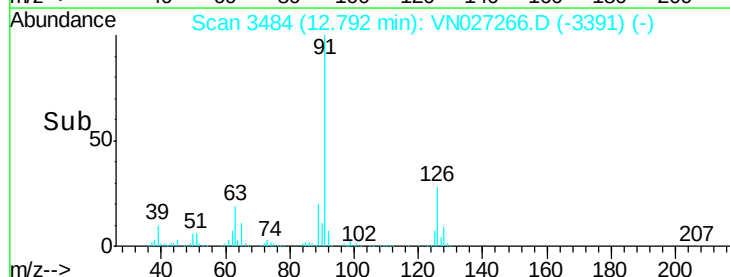
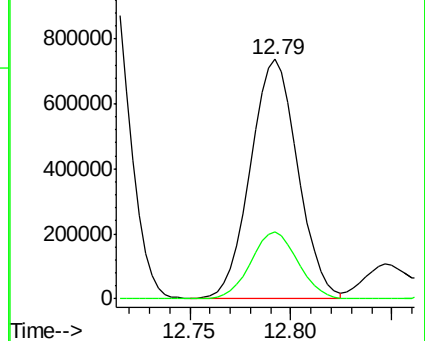
91 100

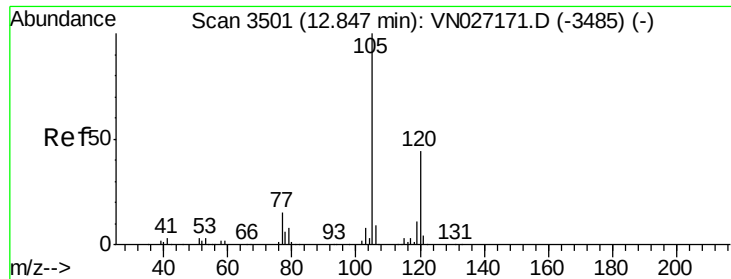
126 28.0 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

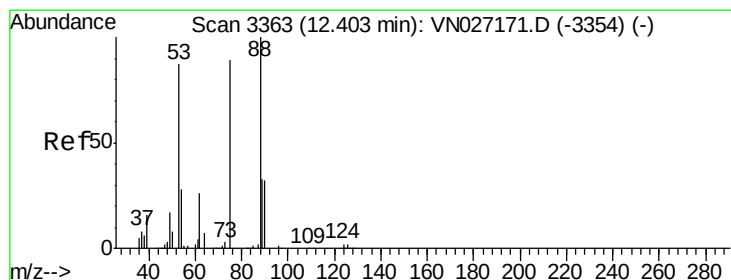
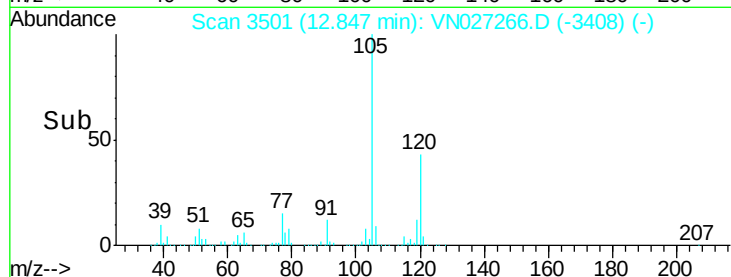
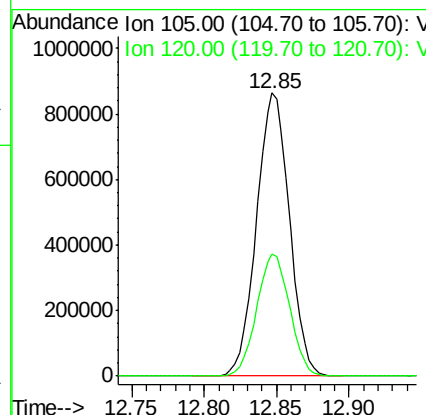
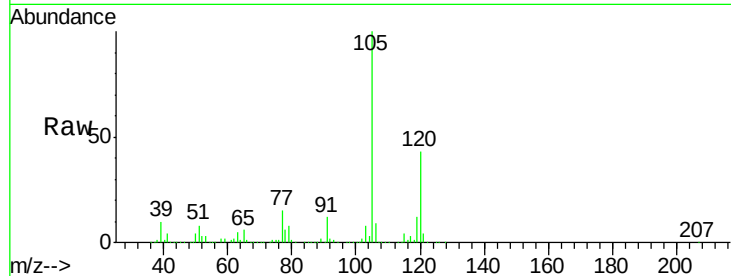




#81
 1,3,5-Trimethylbenzene
 Concen: 47.11 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

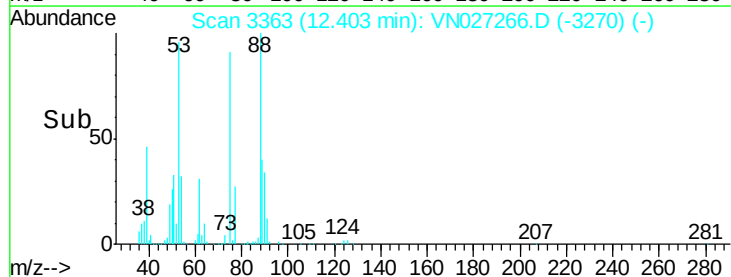
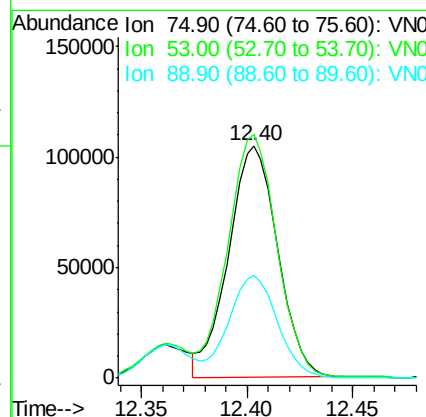
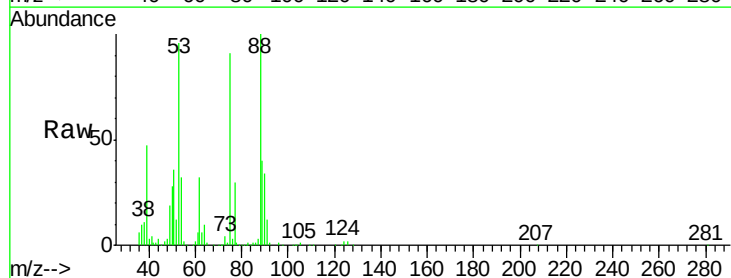
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

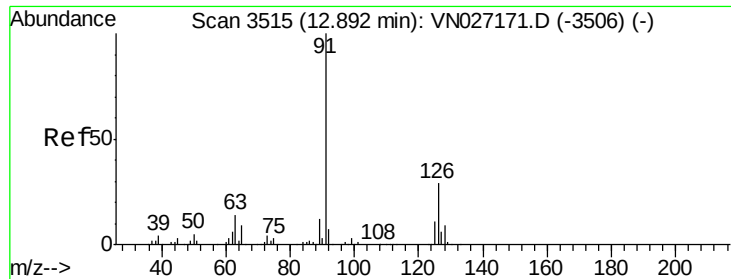
Tgt Ion:105 Resp: 1362084
 Ion Ratio Lower Upper
 105 100
 120 43.4 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 42.01 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 75 Resp: 168778
 Ion Ratio Lower Upper
 75 100
 53 106.3 92.9 139.3
 89 44.5 34.2 51.4





#83

4-Chlorotoluene

Concen: 47.97 ug/l

RT: 12.89 min Scan# 3514

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

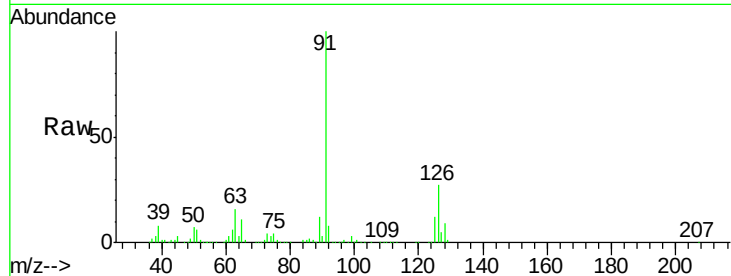
VSTDCCC050EC

Tgt Ion: 91 Resp: 1198319

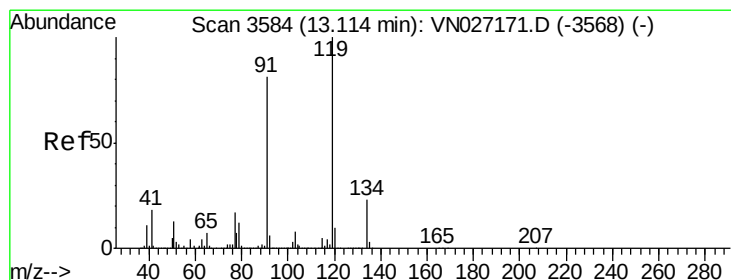
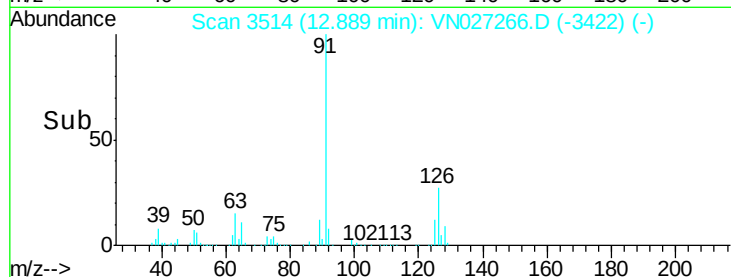
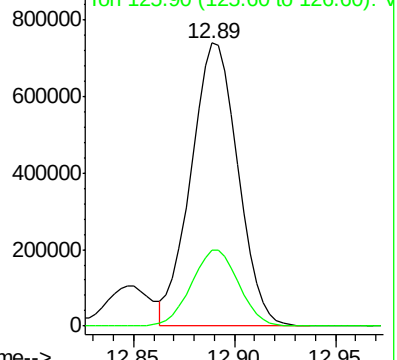
Ion Ratio Lower Upper

91 100

126 27.4 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VN027171.D (-3506) (-)



#84

tert-Butylbenzene

Concen: 46.76 ug/l

RT: 13.11 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

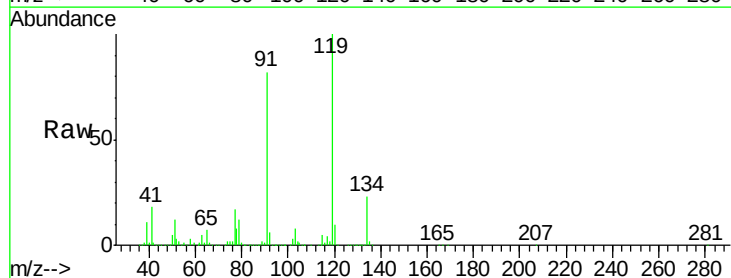
Tgt Ion: 119 Resp: 1115350

Ion Ratio Lower Upper

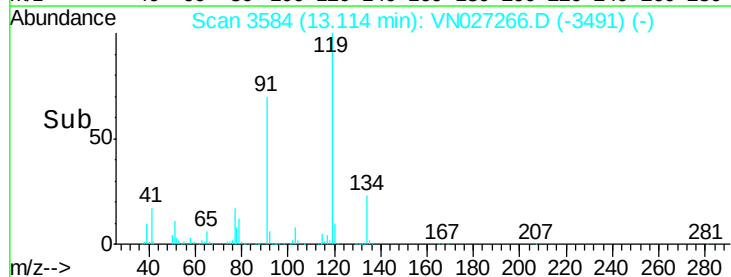
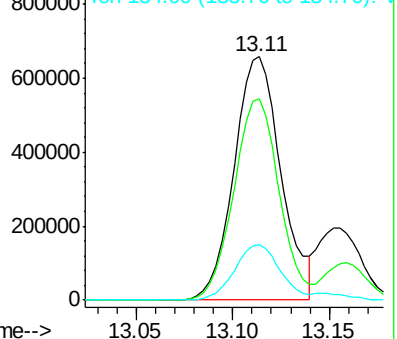
119 100

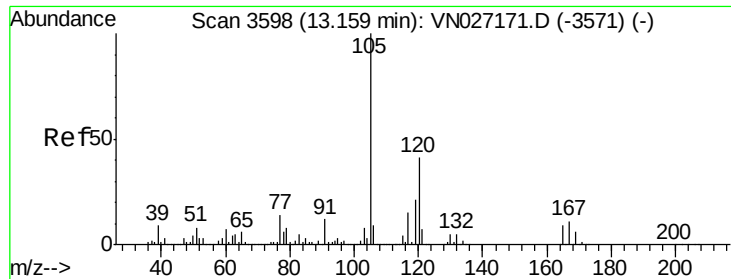
91 79.6 34.6 103.8

134 22.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): VN027171.D (-3568) (-)

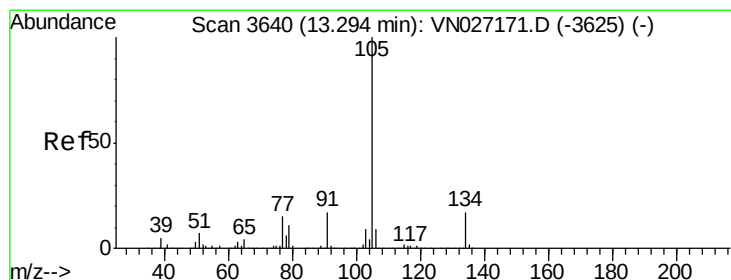
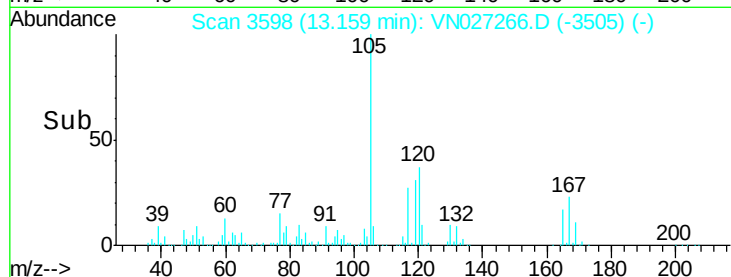
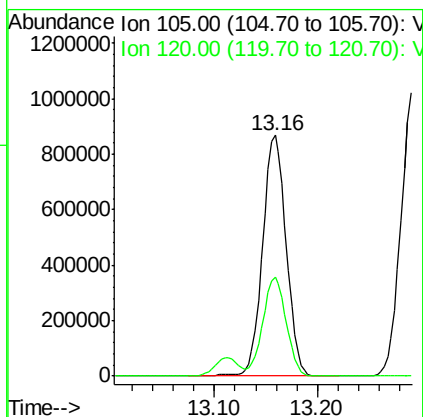
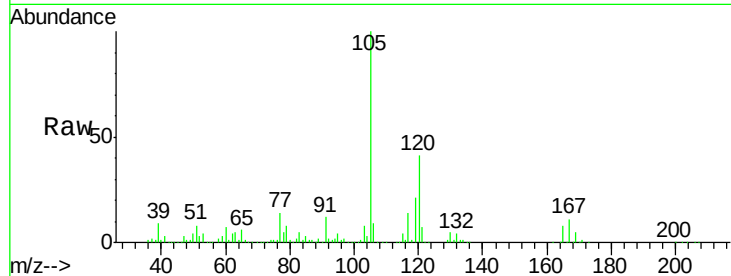




#85
 1,2,4-Trimethylbenzene
 Concen: 47.20 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

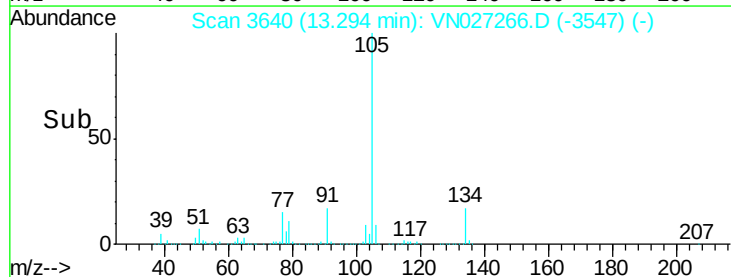
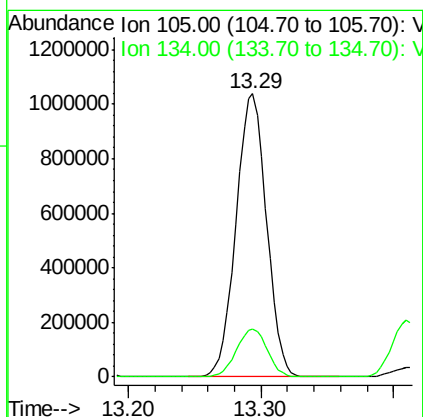
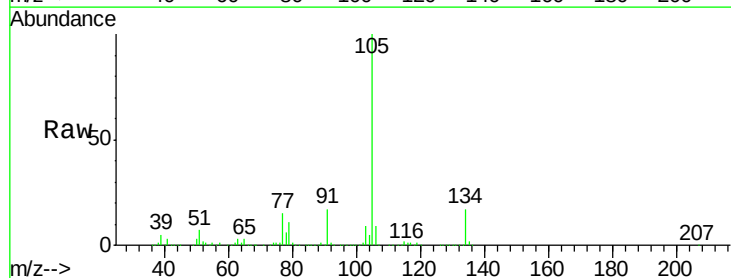
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

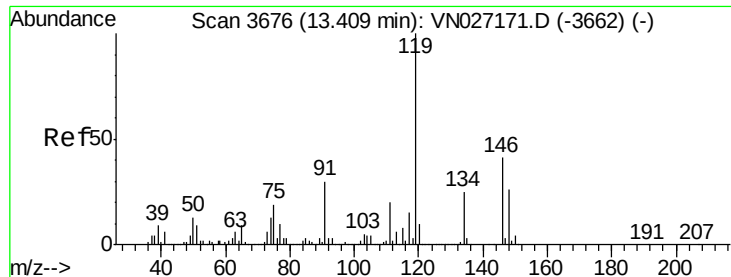
Tgt Ion:105 Resp: 1370651
 Ion Ratio Lower Upper
 105 100
 120 40.8 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 47.33 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion:105 Resp: 1654003
 Ion Ratio Lower Upper
 105 100
 134 17.1 8.8 26.4

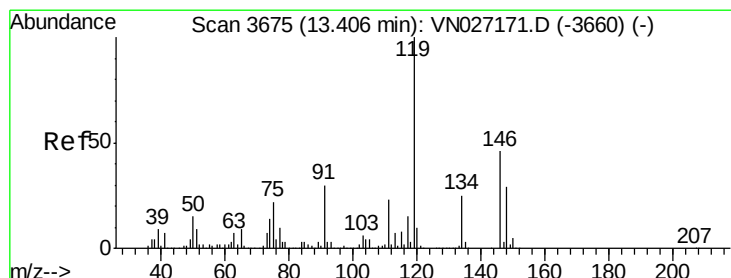
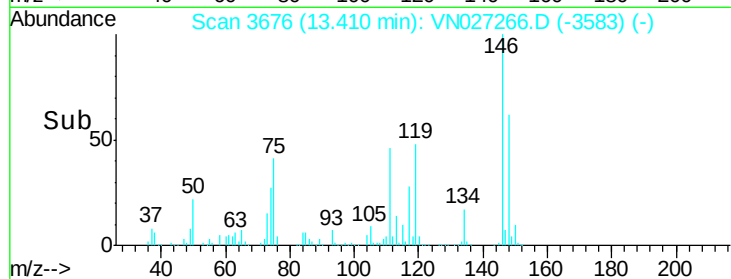
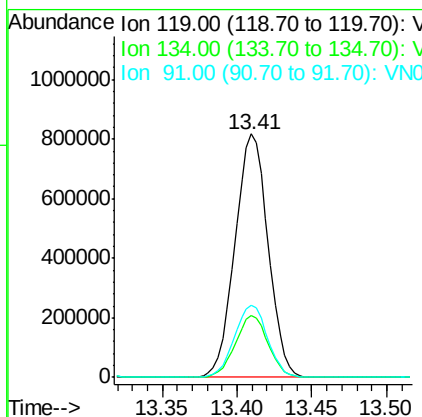
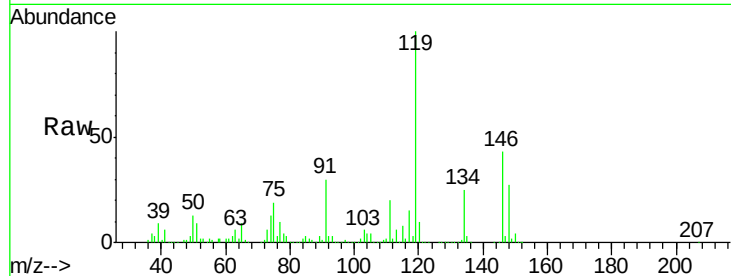




#87
 p-Isopropyltoluene
 Concen: 46.66 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

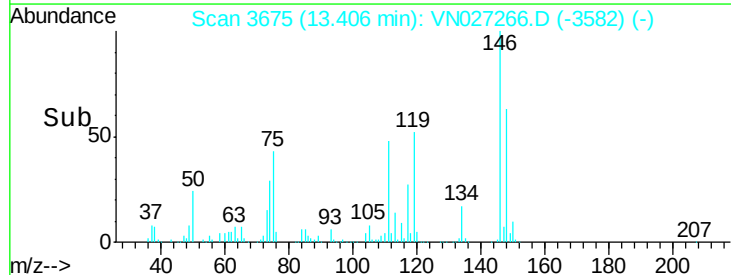
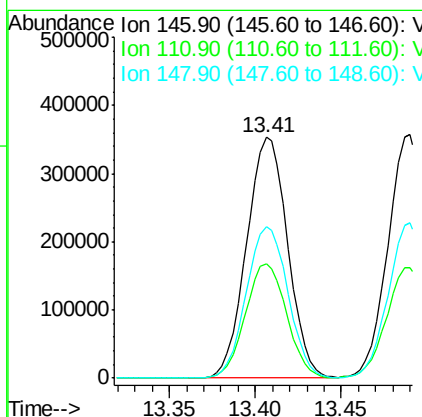
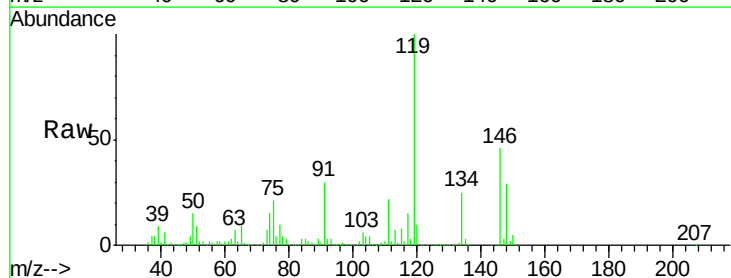
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

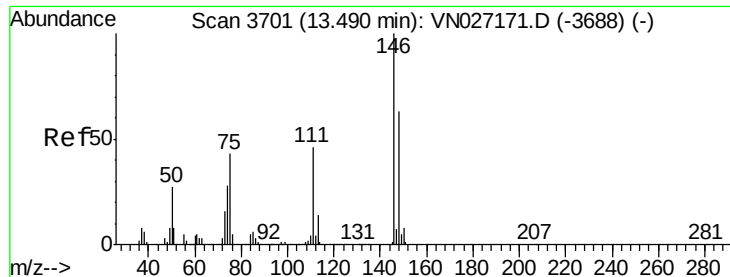
Tgt Ion:119 Resp: 1255778
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.4 37.0
 91 29.6 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 48.41 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion:146 Resp: 584535
 Ion Ratio Lower Upper
 146 100
 111 47.7 21.0 63.0
 148 63.9 31.9 95.9

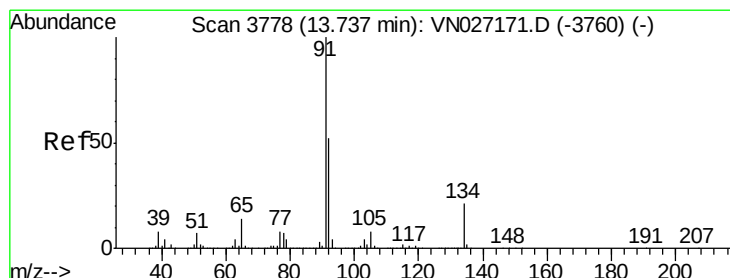
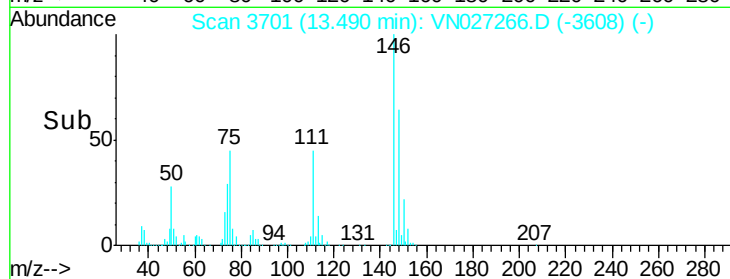
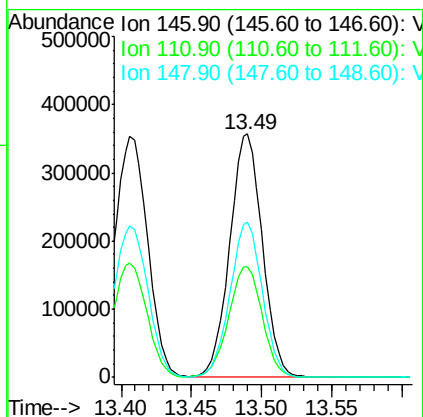
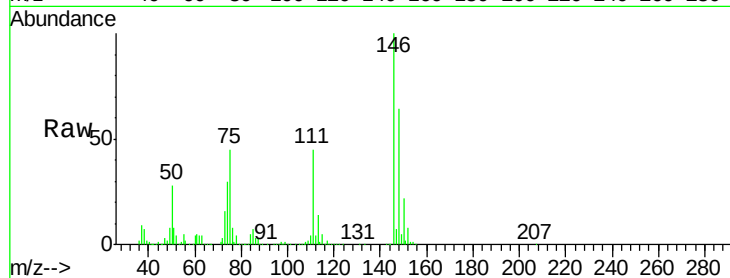




#89
 1,4-Dichlorobenzene
 Concen: 47.15 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

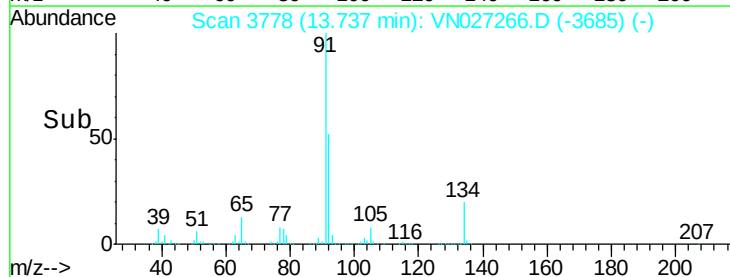
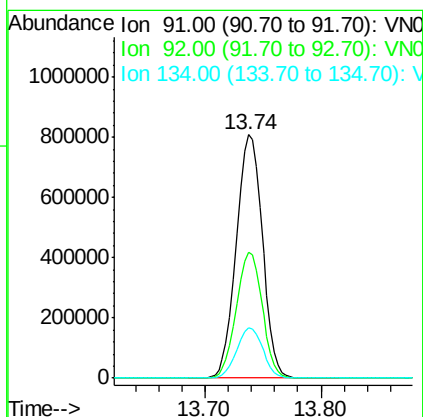
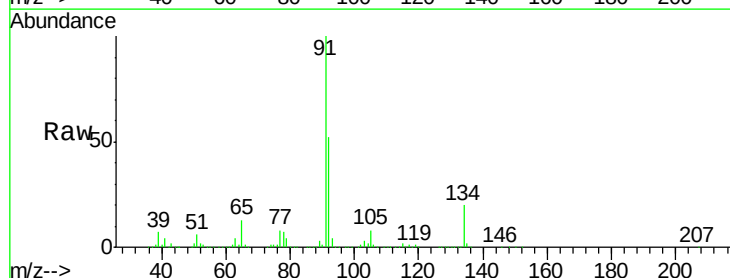
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

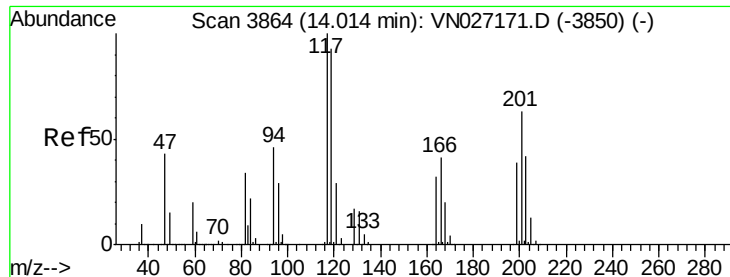
Tgt Ion:146 Resp: 576632
 Ion Ratio Lower Upper
 146 100
 111 47.0 19.9 59.6
 148 63.6 31.7 95.1



#90
 n-Butylbenzene
 Concen: 48.16 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 91 Resp: 1257888
 Ion Ratio Lower Upper
 91 100
 92 51.3 26.1 78.2
 134 20.6 11.1 33.1





#91

Hexachloroethane

Concen: 44.26 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

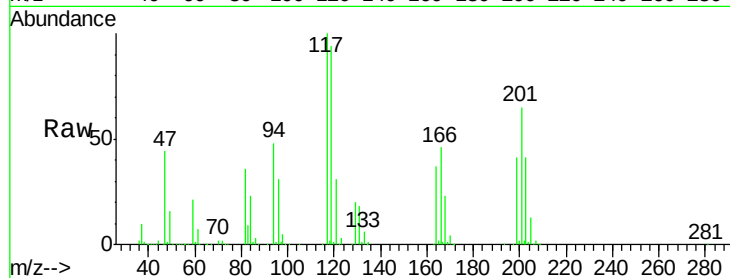
VSTDCCC050EC

Tgt Ion:117 Resp: 260695

Ion Ratio Lower Upper

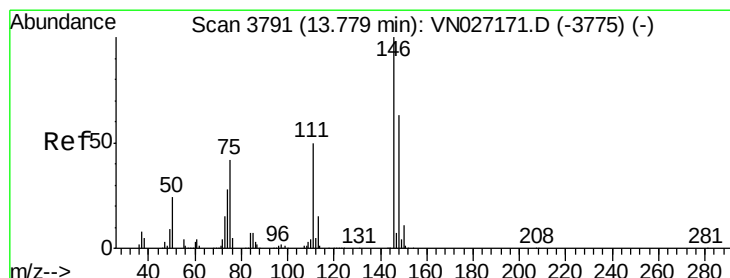
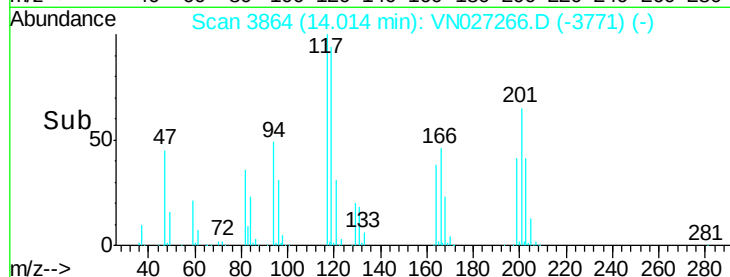
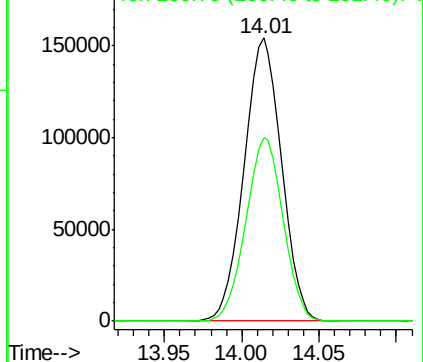
117 100

201 64.3 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 47.73 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

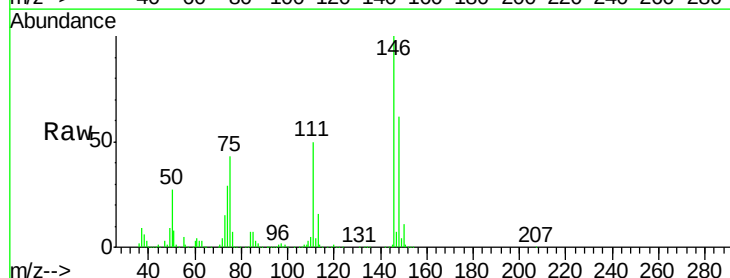
Tgt Ion:146 Resp: 569551

Ion Ratio Lower Upper

146 100

111 50.3 22.1 66.3

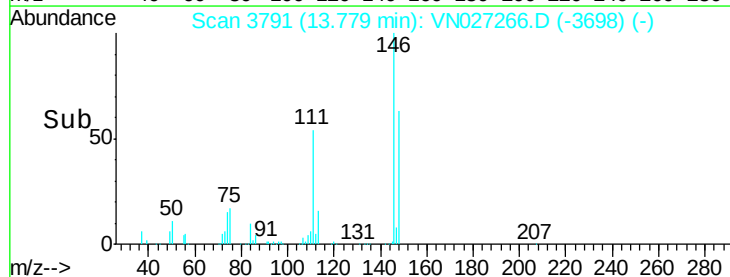
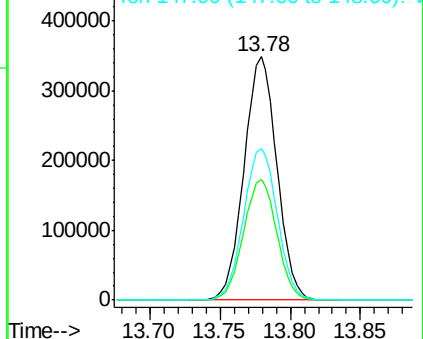
148 64.1 32.0 96.0

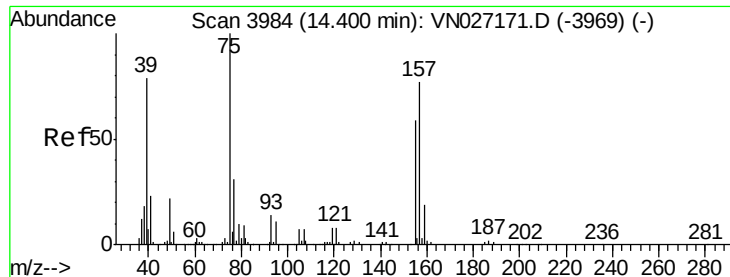


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

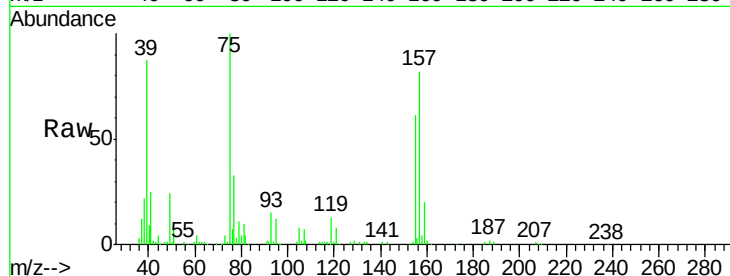




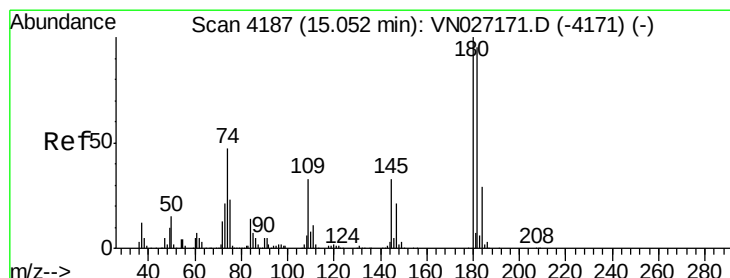
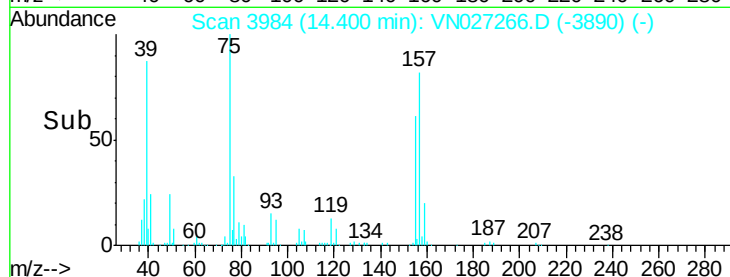
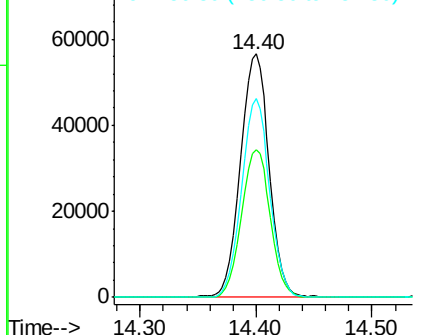
#93
 1,2-Dibromo-3-Chloropropane
 Concen: 47.22 ug/l
 RT: 14.40 min Scan# 3984
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 97195
 Ion Ratio Lower Upper
 75 100
 155 60.6 35.6 106.9
 157 79.6 44.6 133.8

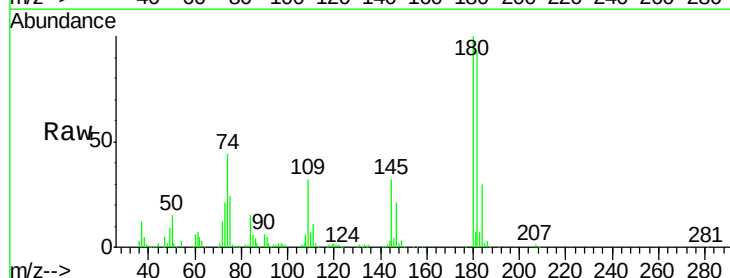


Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-3969) (-)
 Ion 154.80 (154.50 to 155.50): VN027171.D (-3969) (-)
 Ion 156.80 (156.50 to 157.50): VN027171.D (-3969) (-)

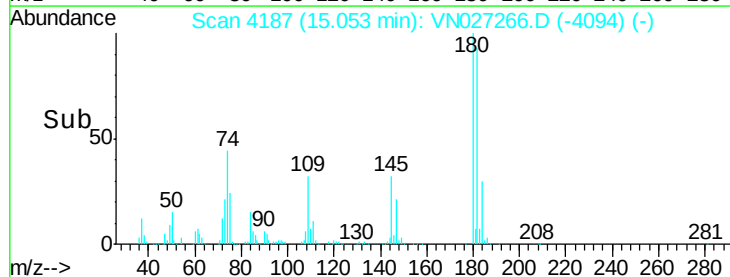
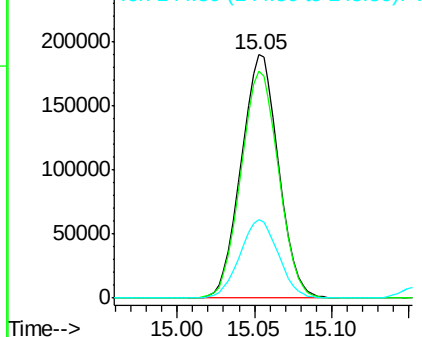


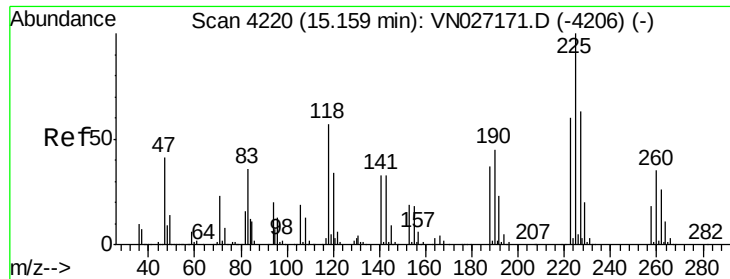
#94
 1,2,4-Trichlorobenzene
 Concen: 49.48 ug/l
 RT: 15.05 min Scan# 4187
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 180 Resp: 318947
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.5 142.5
 145 33.1 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) (-)





#95

Hexachlorobutadiene

Concen: 45.37 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

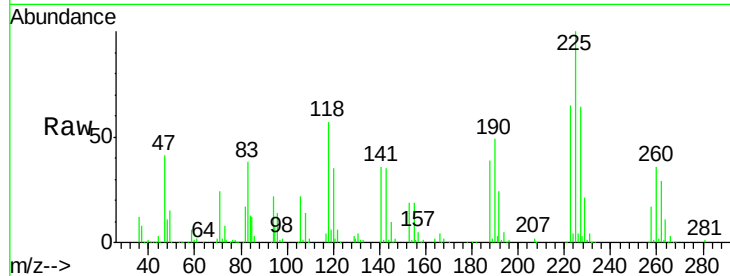
Tgt Ion:225 Resp: 154037

Ion Ratio Lower Upper

225 100

223 64.1 30.8 92.3

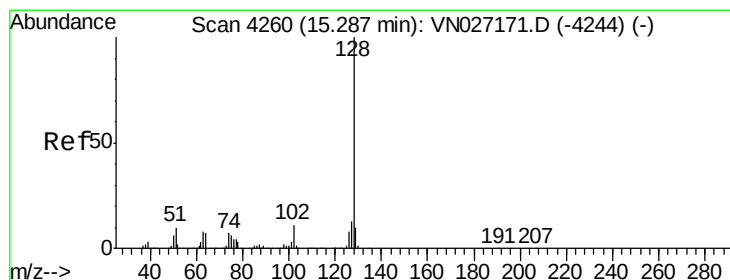
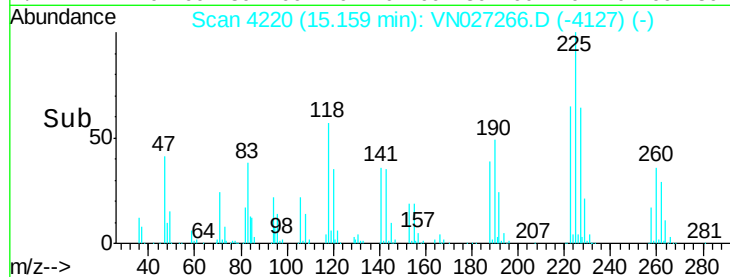
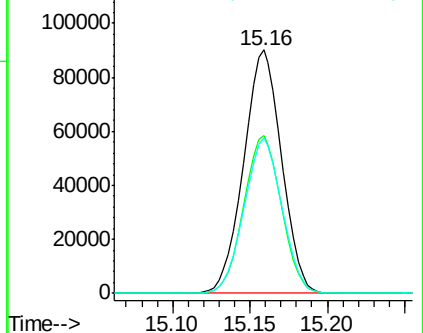
227 63.3 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 49.09 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

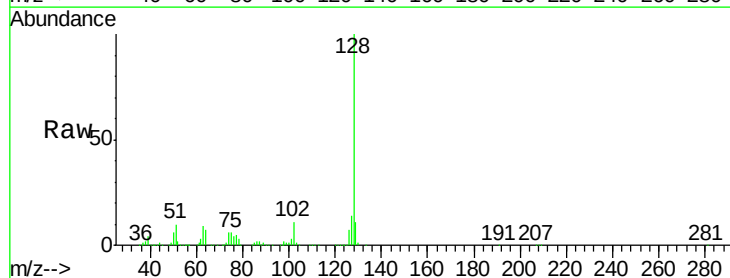
Tgt Ion:128 Resp: 927660

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

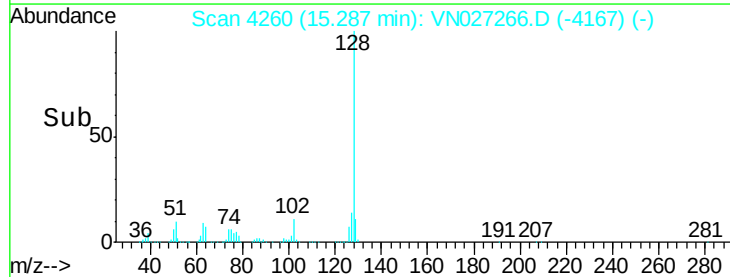
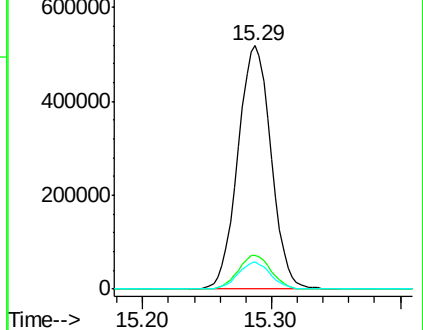
129 10.9 8.6 12.8

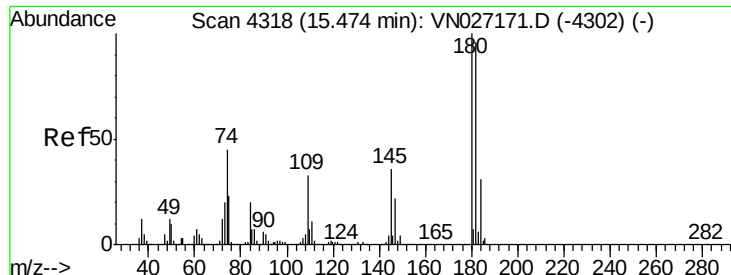


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 49.34 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.8	146.4
145	34.7	16.6	49.8

