

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027342.D
 Acq On : 21 Sep 2015 20:31
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 01:33:50 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	559411	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1056023	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	902793	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	351572	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	534412	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
36) Dibromofluoromethane	7.68	113	336341	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
51) Toluene-d8	10.19	98	1297667	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
63) 4-Bromofluorobenzene	12.52	95	463706	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	270815	46.64	ug/l	100
3) Chlorodifluoromethane	1.81	51	344178	46.81	ug/l	93
4) Chloromethane	2.01	50	303450	45.62	ug/l	99
5) Vinyl Chloride	2.14	62	352724	47.53	ug/l	99
6) Bromomethane	2.54	94	150229	49.71	ug/l	97
7) Chloroethane	2.69	64	226313	47.97	ug/l	100
8) Trichlorofluoromethane	3.02	101	525619	48.77	ug/l	97
9) Diethyl Ether	3.42	74	236555	49.39	ug/l	84
10) 1,1,2-Trichlorotrifluoroet	3.79	101	329940	48.28	ug/l	96
11) Methyl Iodide	3.99	142	265458	50.06	ug/l	92
12) Tert butyl alcohol	4.80	59	217332	248.78	ug/l	97
13) 1,1-Dichloroethene	3.77	96	311428	48.75	ug/l	97
14) Acrolein	3.62	56	259440	229.06	ug/l	99
15) Allyl chloride	4.37	41	597170	47.93	ug/l #	81
16) Acrylonitrile	5.02	53	815174	256.98	ug/l	98
17) Acetone	3.82	43	691122	231.98	ug/l	97
18) Carbon Disulfide	4.11	76	887537	46.40	ug/l	99
19) Methyl Acetate	4.36	43	984465	53.27	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	1262064	49.49	ug/l	95
21) Methylene Chloride	4.60	84	383257	48.32	ug/l	97
22) trans-1,2-Dichloroethene	5.13	96	333256	47.45	ug/l	99
23) Diisopropyl ether	6.04	45	1332567	49.18	ug/l #	89
24) Vinyl Acetate	5.97	43	2250840	247.58	ug/l	97
25) 1,1-Dichloroethane	5.93	63	764930	48.44	ug/l	100
26) 2-Butanone	6.91	43	1016543	260.55	ug/l	95
27) 2,2-Dichloropropane	6.92	77	665494	48.92	ug/l	93
28) cis-1,2-Dichloroethene	6.92	96	404075	48.69	ug/l	94
29) Bromochloromethane	7.29	49	303555	49.00	ug/l	98
30) Tetrahydrofuran	7.31	42	627483	253.72	ug/l #	88
31) Chloroform	7.46	83	740626	49.94	ug/l	98
32) Cyclohexane	7.77	56	688502	48.96	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	635980	48.40	ug/l	97
37) 1,1-Dichloropropene	7.89	75	542446	47.66	ug/l	98
38) Ethyl Acetate	7.02	43	453010	51.55	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	514556	48.04	ug/l	98
40) Methylcyclohexane	9.19	83	645992	47.79	ug/l	97
41) Benzene	8.14	78	1600059	48.44	ug/l	100
42) Methacrylonitrile	7.24	41	257197	49.58	ug/l #	88
43) 1,2-Dichloroethane	8.22	62	656040	48.72	ug/l	95
44) Isopropyl Acetate	8.25	43	836319	49.79	ug/l	97
45) Trichloroethene	8.93	130	316624	47.85	ug/l	89
46) 1,2-Dichloropropane	9.22	63	451772	48.86	ug/l	100
47) Dibromomethane	9.31	93	270329	48.72	ug/l	92
48) Bromodichloromethane	9.49	83	570443	48.47	ug/l	100
49) Methyl methacrylate	9.29	41	410933	51.98	ug/l #	87
50) 1,4-Dioxane	9.30	88	91940	963.58	ug/l	95
52) 4-Methyl-2-Pentanone	10.07	43	2198360	254.46	ug/l	99
53) Toluene	10.26	92	936627	47.94	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	616876	49.11	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	673998	48.84	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	358437	49.19	ug/l	98
57) Ethyl methacrylate	10.52	69	581089	50.25	ug/l #	89
58) 1,3-Dichloropropane	10.80	76	659915	49.13	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1305373	254.70	ug/l	98
60) 2-Hexanone	10.84	43	1475872	251.36	ug/l	100
61) Dibromochloromethane	11.00	129	355700	49.84	ug/l	99
62) 1,2-Dibromoethane	11.11	107	340189	49.09	ug/l	100
65) Tetrachloroethene	10.74	164	253425	47.16	ug/l	94
66) Chlorobenzene	11.54	112	934930	48.30	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	321562	49.51	ug/l	98
68) Ethyl Benzene	11.62	91	1781319	48.79	ug/l	99
69) m/p-Xylenes	11.73	106	1230792	97.24	ug/l	89
70) o-Xylene	12.06	106	625148	48.88	ug/l	92
71) Styrene	12.07	104	1020580	50.12	ug/l	95
72) Bromoform	12.24	173	213820	49.07	ug/l #	98
74) Isopropylbenzene	12.36	105	1678103	47.65	ug/l	98
75) N-amyl acetate	12.17	43	715745	51.22	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	474055	47.82	ug/l	100
77) 1,2,3-Trichloropropane	12.66	75	661721	74.97	ug/l	53
78) Bromobenzene	12.64	156	329154	47.76	ug/l	94
79) n-propylbenzene	12.71	91	2009690	47.84	ug/l	98
80) 2-Chlorotoluene	12.79	91	1209306	47.09	ug/l	94
81) 1,3,5-Trimethylbenzene	12.85	105	1355089	47.60	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	164181	47.70	ug/l	93
83) 4-Chlorotoluene	12.89	91	1201431	47.94	ug/l	95
84) tert-Butylbenzene	13.11	119	1099672	47.90	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1360685	48.06	ug/l	95
86) sec-Butylbenzene	13.29	105	1649251	48.23	ug/l	99
87) p-Isopropyltoluene	13.41	119	1247932	48.67	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	575441	48.39	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	571572	47.49	ug/l	95
90) n-Butylbenzene	13.74	91	1255806	49.05	ug/l	98
91) Hexachloroethane	14.01	117	256119	46.72	ug/l	91
92) 1,2-Dichlorobenzene	13.78	146	573160	48.24	ug/l	96

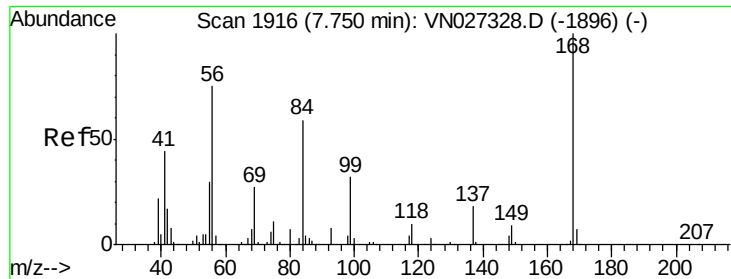
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
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QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	95705	49.26	ug/l	84
94) 1,2,4-Trichlorobenzene	15.05	180	315584	51.40	ug/l	98
95) Hexachlorobutadiene	15.16	225	157924	46.94	ug/l	98
96) Naphthalene	15.29	128	883045	47.18	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	313860	51.31	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: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

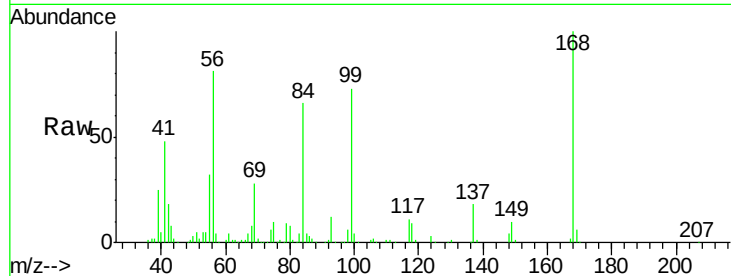
VSTDCCC050EC

Tgt Ion:168 Resp: 559411

Ion Ratio Lower Upper

168 100

99 72.6 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

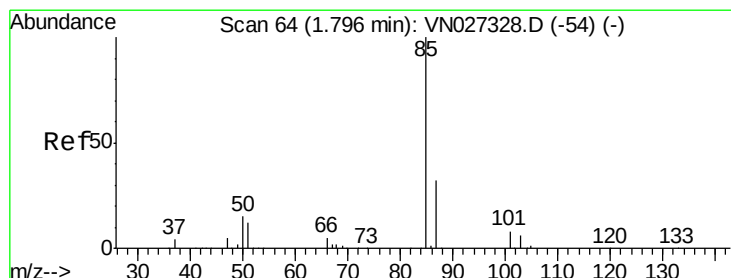
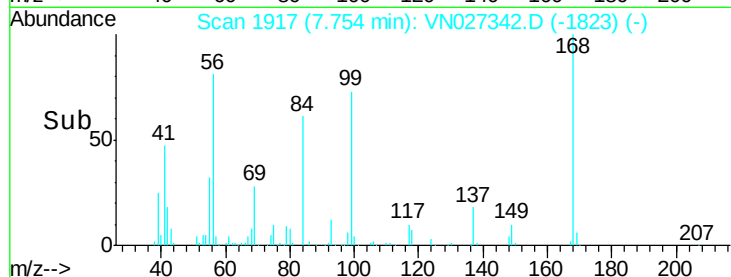
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 46.64 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027342.D

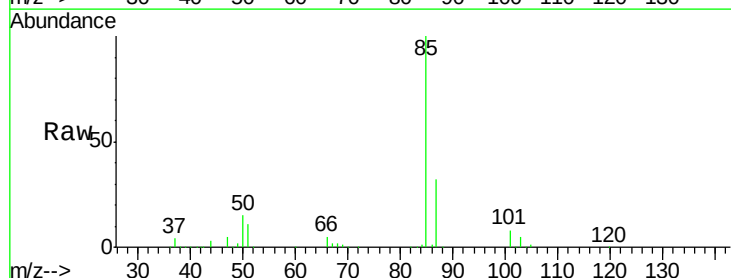
Acq: 21 Sep 2015 20:31

Tgt Ion: 85 Resp: 270815

Ion Ratio Lower Upper

85 100

87 32.4 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

200000

150000

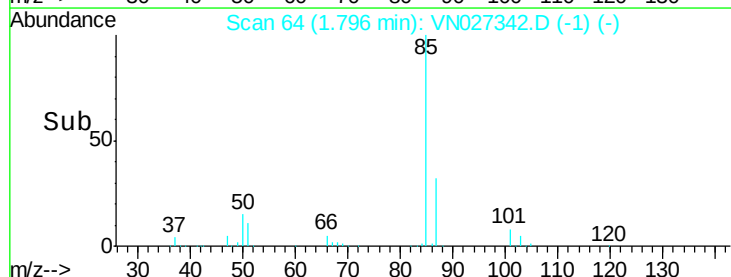
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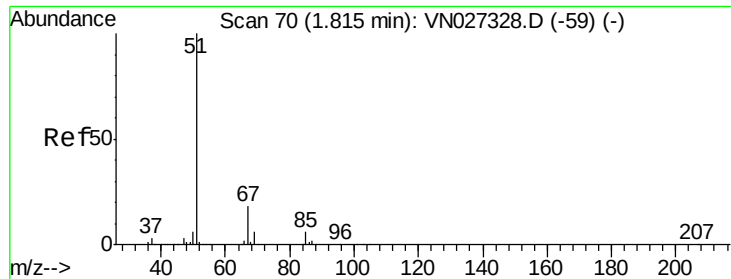
50000

0

Time-->

1.75 1.80 1.85





#3

Chlorodifluoromethane

Concen: 46.81 ug/l

RT: 1.81 min Scan# 70

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

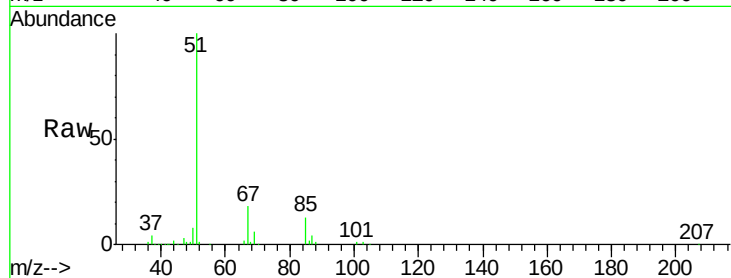
VSTDCCC050EC

Tgt Ion: 51 Resp: 344178

Ion Ratio Lower Upper

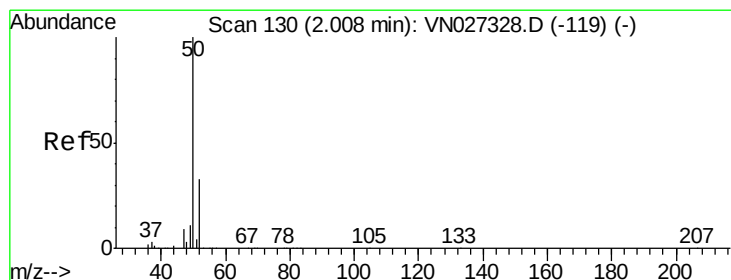
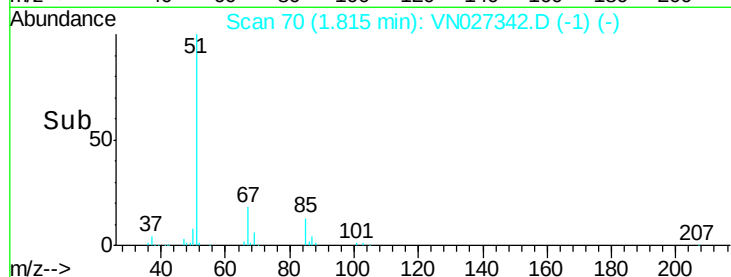
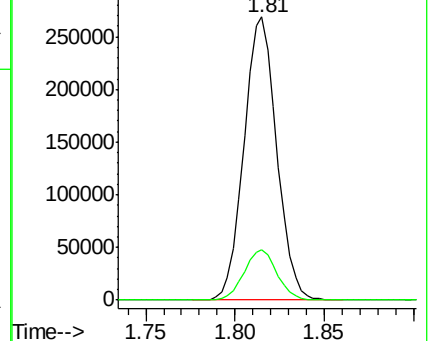
51 100

67 18.0 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 45.62 ug/l

RT: 2.01 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN027342.D

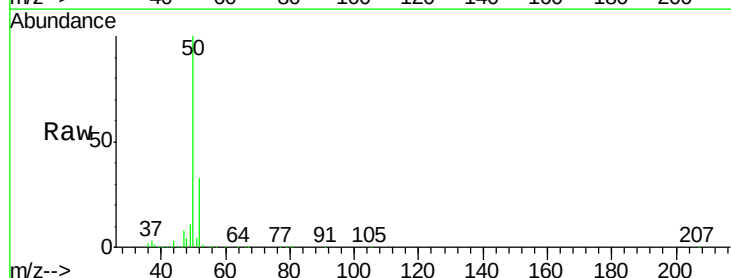
Acq: 21 Sep 2015 20:31

Tgt Ion: 50 Resp: 303450

Ion Ratio Lower Upper

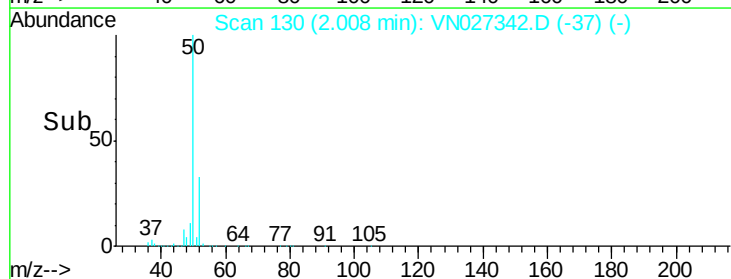
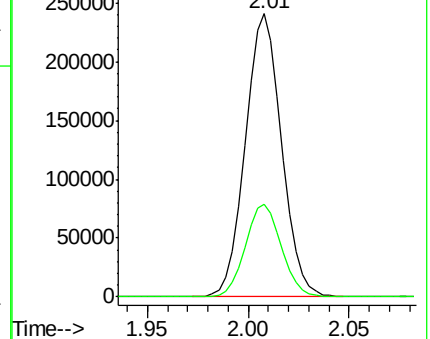
50 100

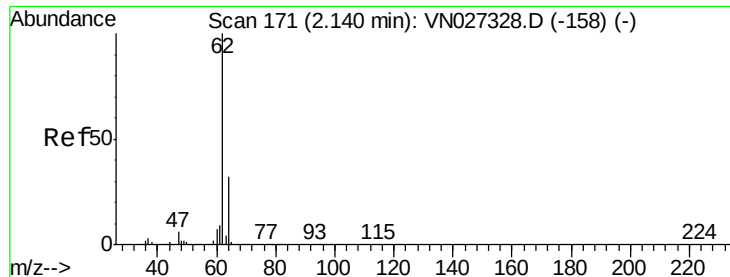
52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 47.53 ug/l

RT: 2.14 min Scan# 171

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

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ClientSampleId :

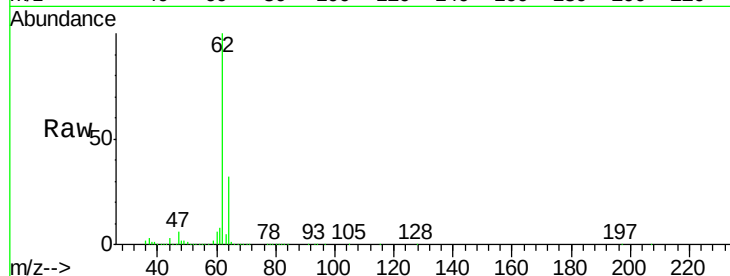
VSTDCCC050EC

Tgt Ion: 62 Resp: 352724

Ion Ratio Lower Upper

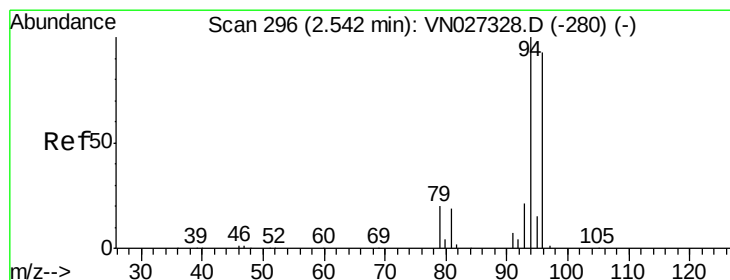
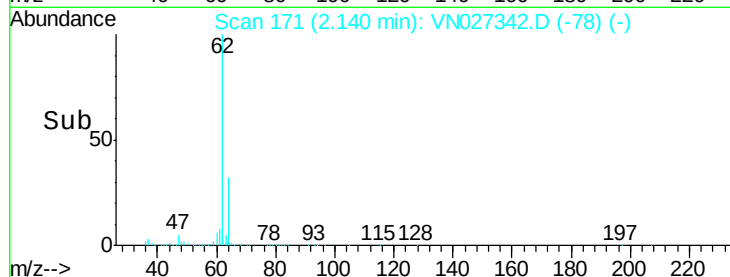
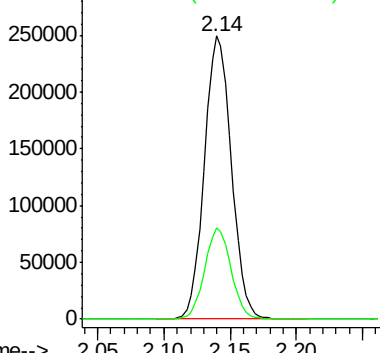
62 100

64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



#6

Bromomethane

Concen: 49.71 ug/l

RT: 2.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VN027342.D

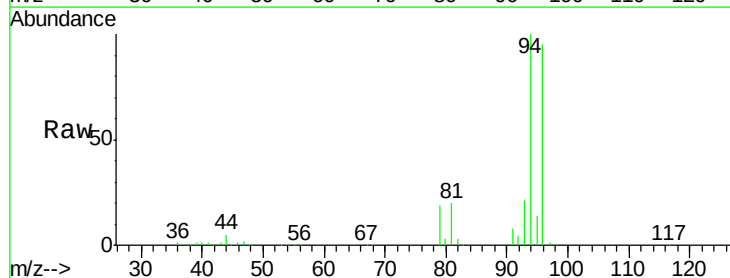
Acq: 21 Sep 2015 20:31

Tgt Ion: 94 Resp: 150229

Ion Ratio Lower Upper

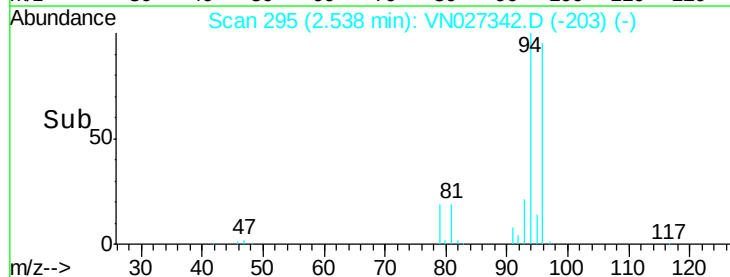
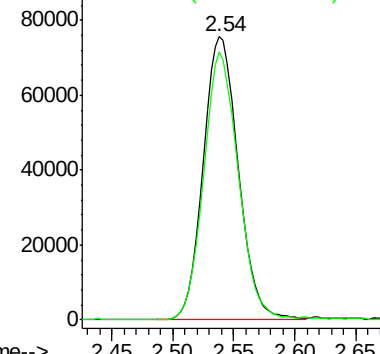
94 100

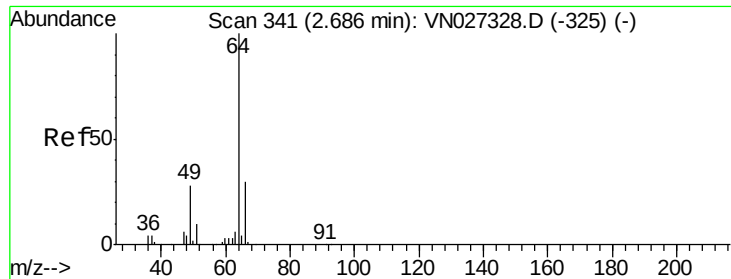
96 94.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC





#7

Chloroethane

Concen: 47.97 ug/l

RT: 2.69 min Scan# 341

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

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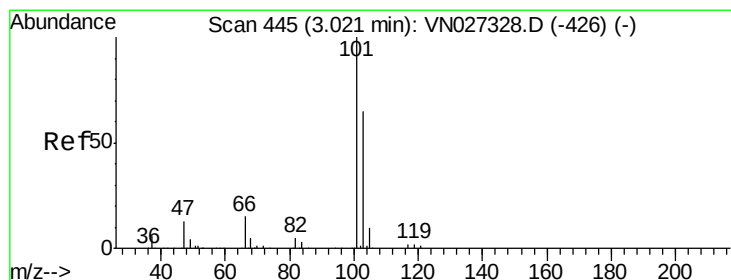
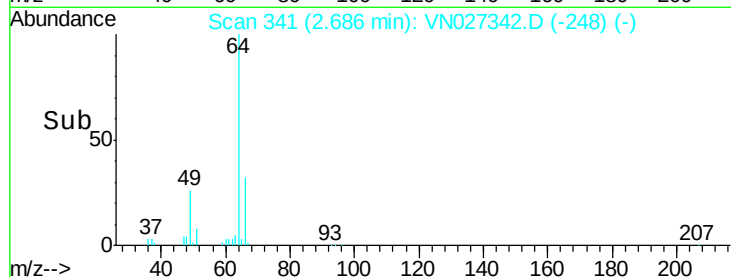
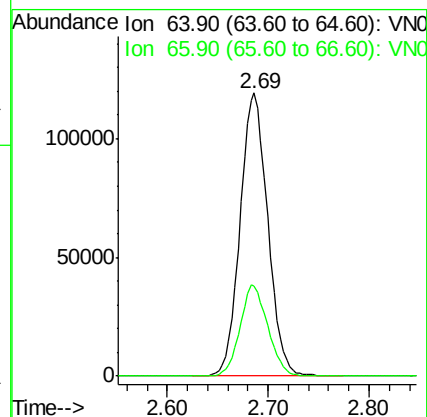
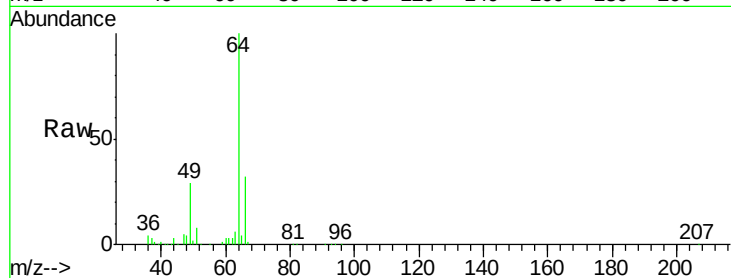
VSTDCCC050EC

Tgt Ion: 64 Resp: 226313

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



#8

Trichlorofluoromethane

Concen: 48.77 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027342.D

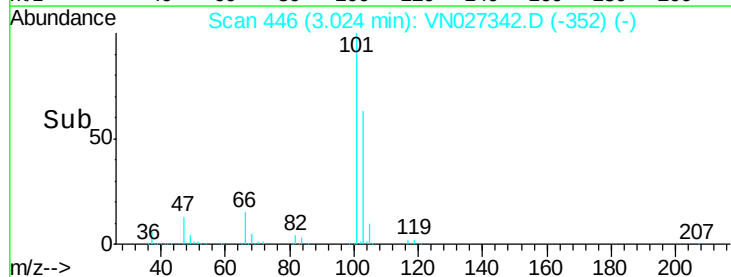
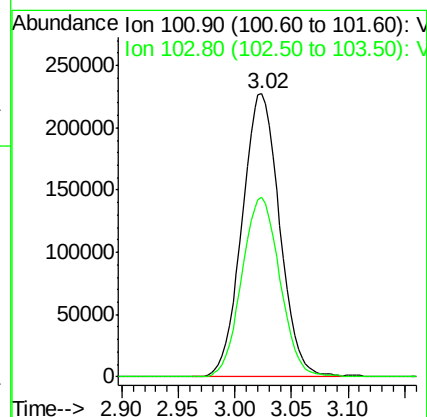
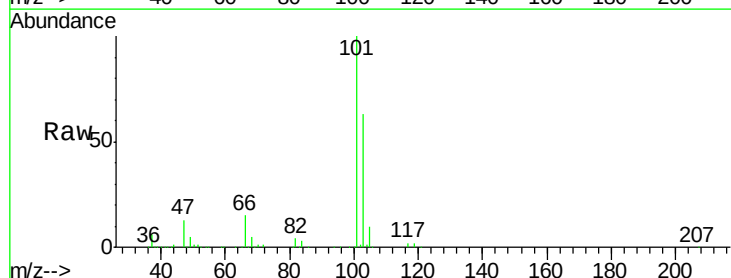
Acq: 21 Sep 2015 20:31

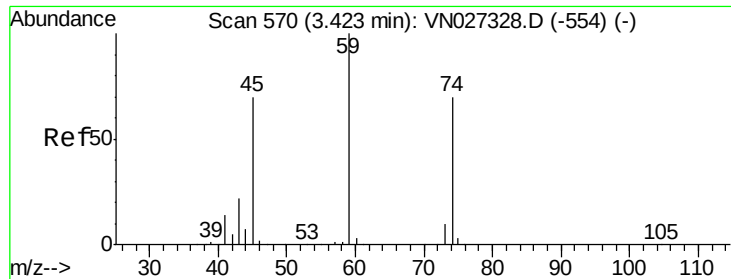
Tgt Ion: 101 Resp: 525619

Ion Ratio Lower Upper

101 100

103 63.4 52.6 79.0





#9

Diethyl Ether

Concen: 49.39 ug/l

RT: 3.42 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

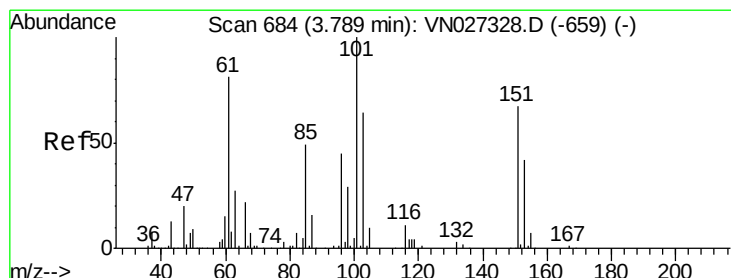
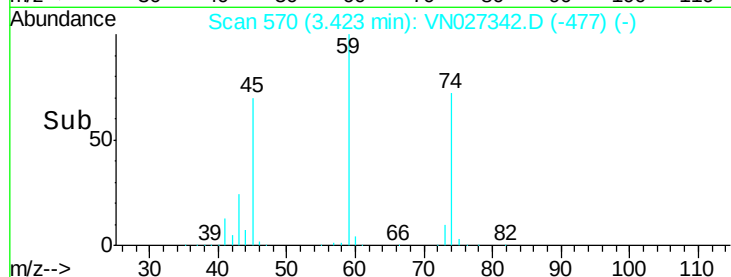
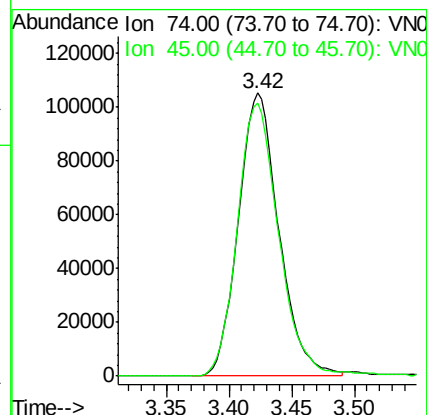
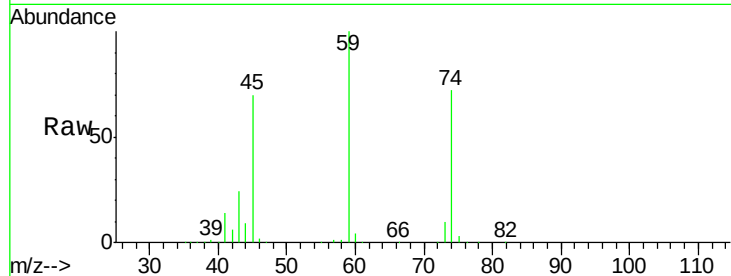
VSTDCCC050EC

Tgt Ion: 74 Resp: 236555

Ion Ratio Lower Upper

74 100

45 98.3 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 48.28 ug/l

RT: 3.79 min Scan# 684

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

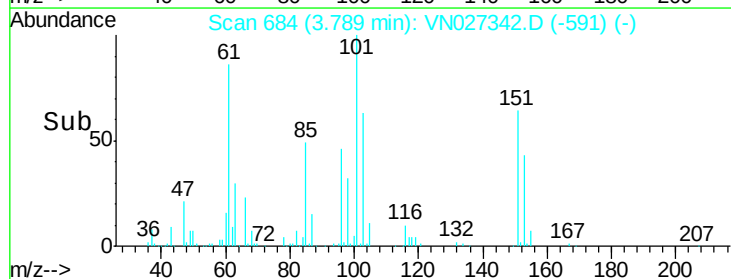
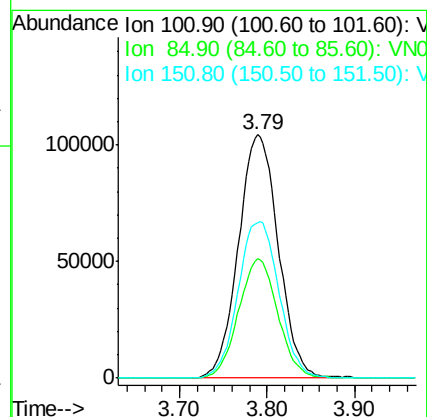
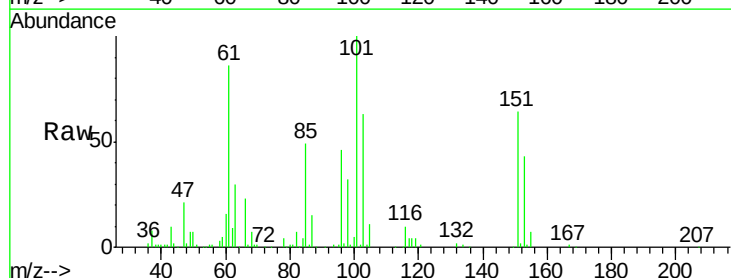
Tgt Ion: 101 Resp: 329940

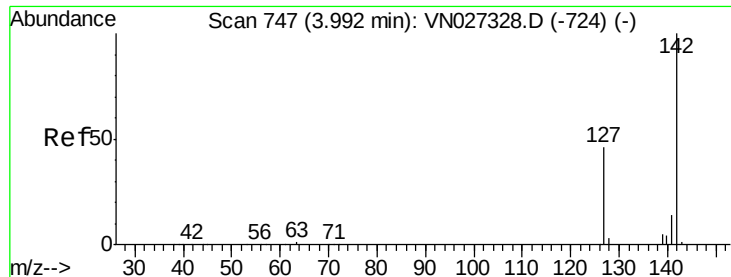
Ion Ratio Lower Upper

101 100

85 48.4 37.4 56.0

151 65.9 55.9 83.9

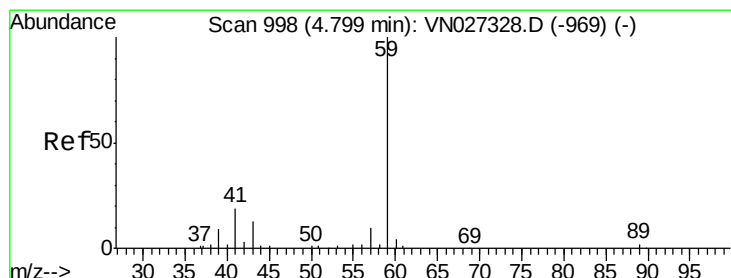
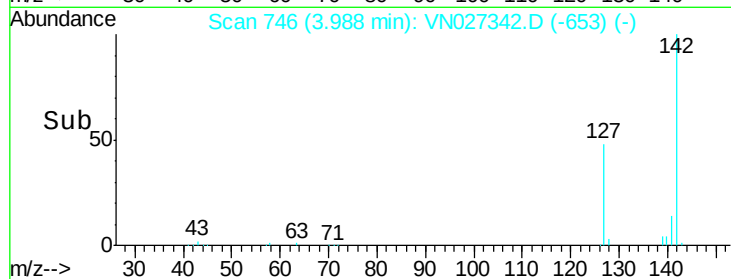
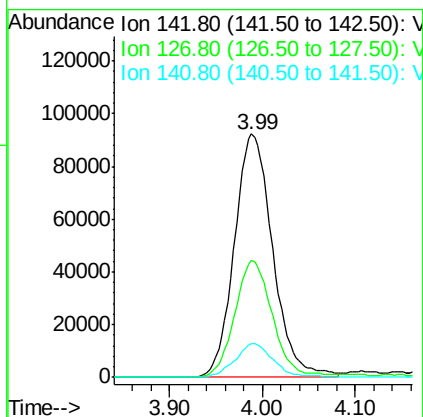
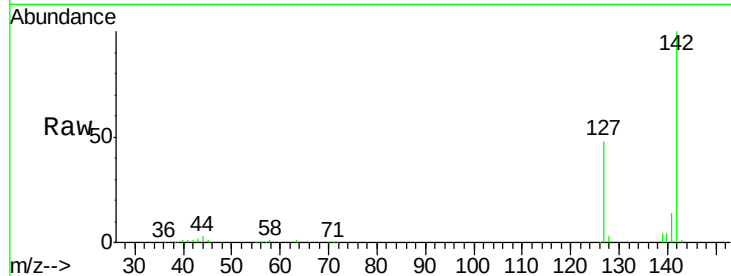




#11
Methyl Iodide
Concen: 50.06 ug/l
RT: 3.99 min Scan# 746
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

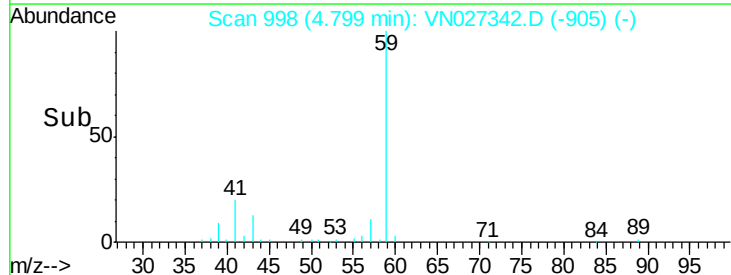
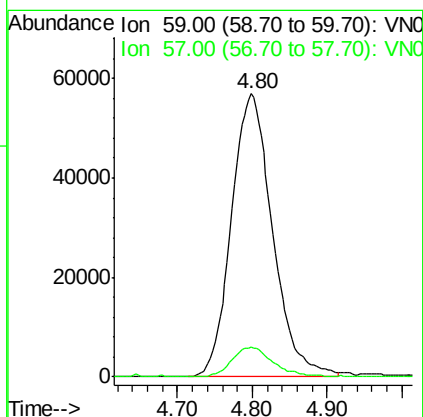
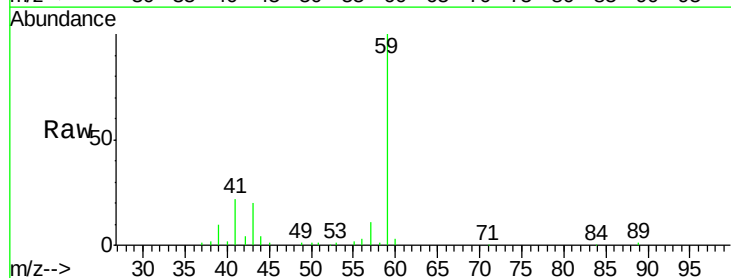
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

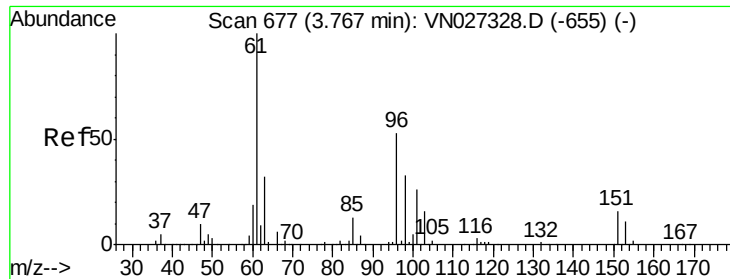
Tgt Ion: 142 Resp: 265458
Ion Ratio Lower Upper
142 100
127 47.1 32.3 48.5
141 13.9 11.2 16.8



#12
Tert butyl alcohol
Concen: 248.78 ug/l
RT: 4.80 min Scan# 998
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion: 59 Resp: 217332
Ion Ratio Lower Upper
59 100
57 10.4 7.6 11.4

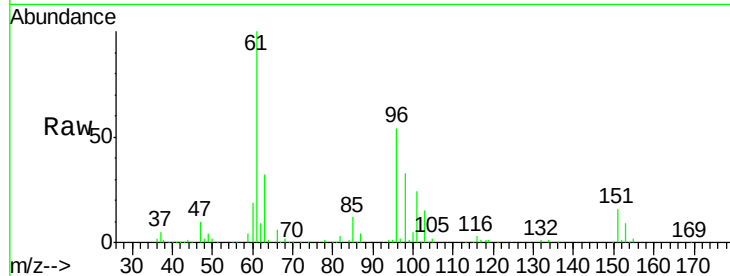




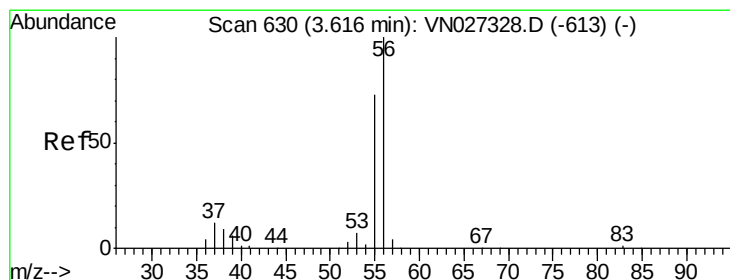
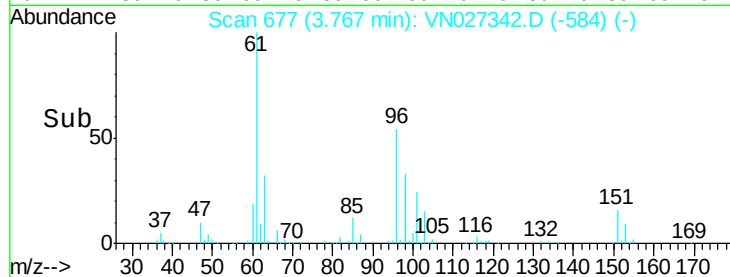
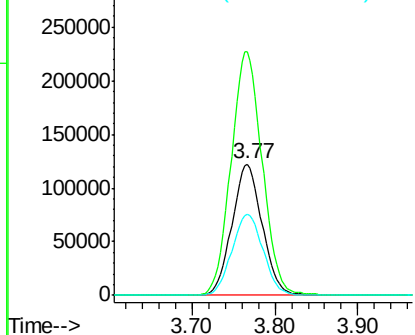
#13
 1,1-Dichloroethene
 Concen: 48.75 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 311428
 Ion Ratio Lower Upper
 96 100
 61 185.2 143.8 215.8
 98 61.4 50.3 75.5

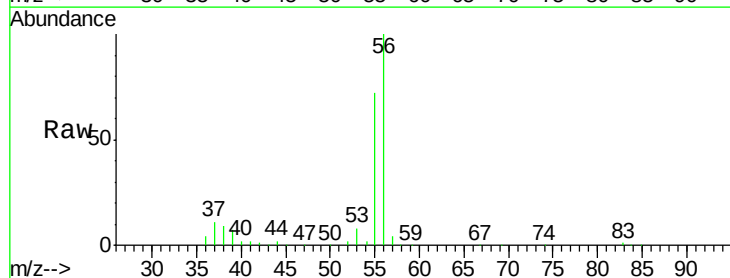


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

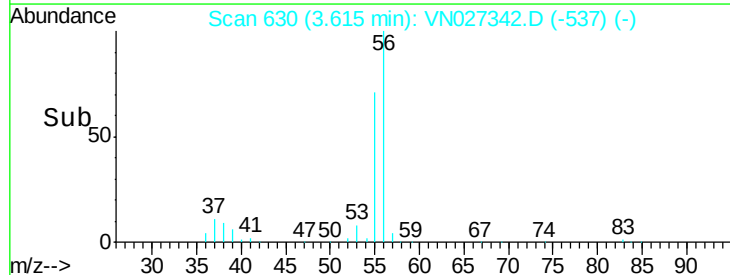
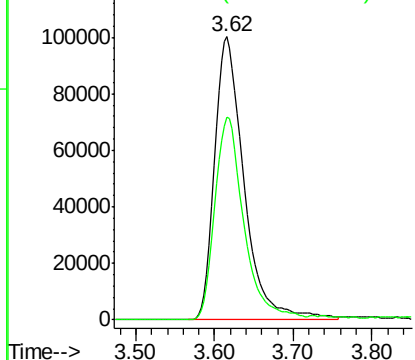


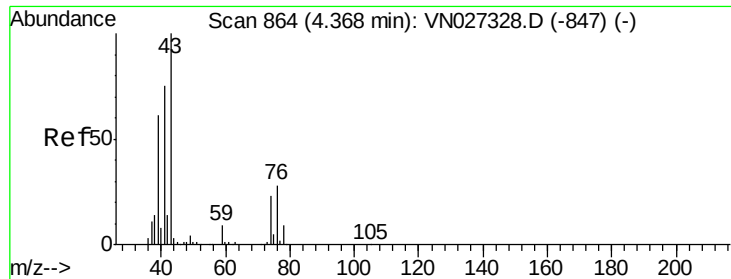
#14
 Acrolein
 Concen: 229.06 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 56 Resp: 259440
 Ion Ratio Lower Upper
 56 100
 55 70.6 55.7 83.5



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

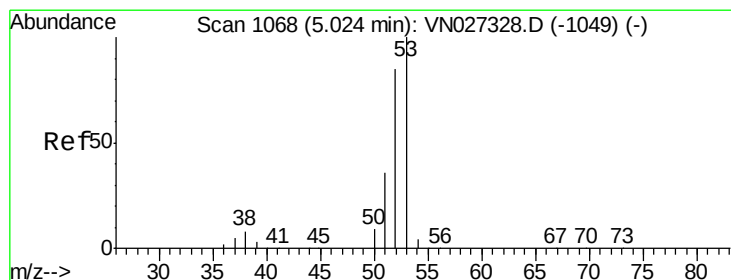
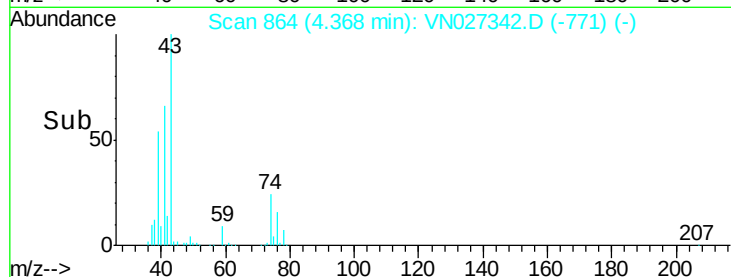
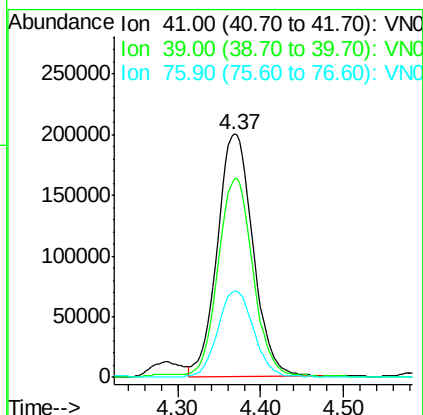
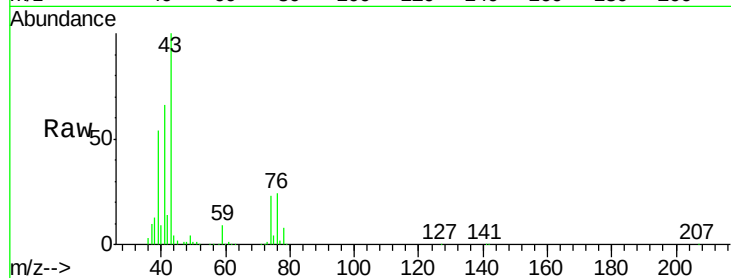




#15
 Allyl chloride
 Concen: 47.93 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

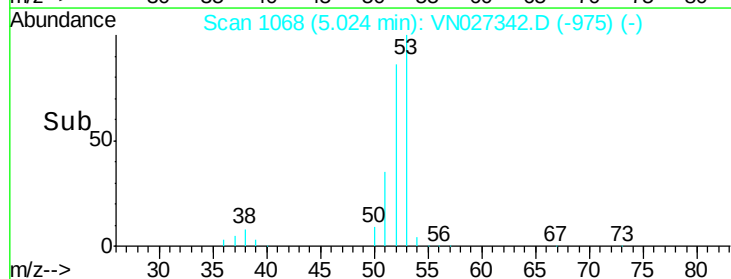
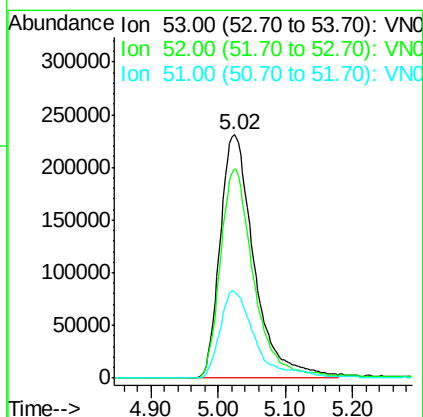
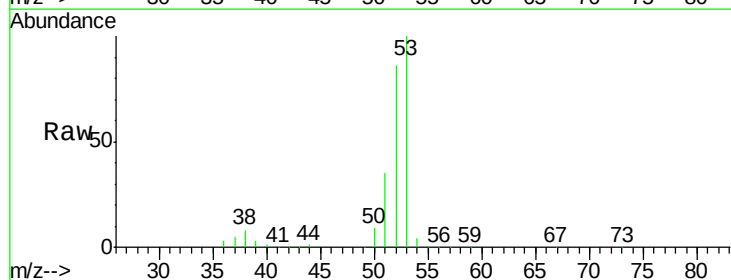
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

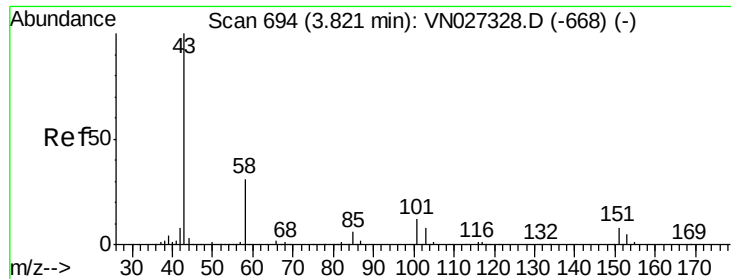
Tgt Ion: 41 Resp: 597170
 Ion Ratio Lower Upper
 41 100
 39 80.3 49.7 74.5#
 76 35.5 24.8 37.2



#16
 Acrylonitrile
 Concen: 256.98 ug/l
 RT: 5.02 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 53 Resp: 815174
 Ion Ratio Lower Upper
 53 100
 52 82.9 66.9 100.3
 51 37.1 27.4 41.0

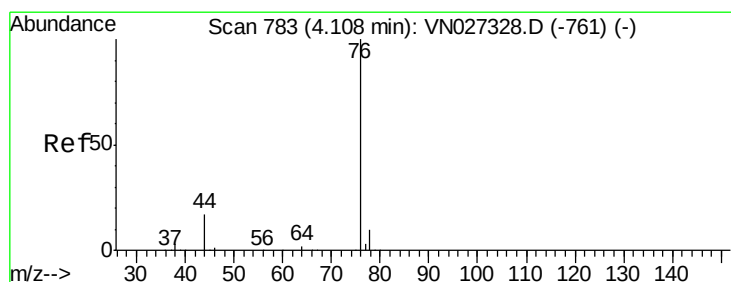
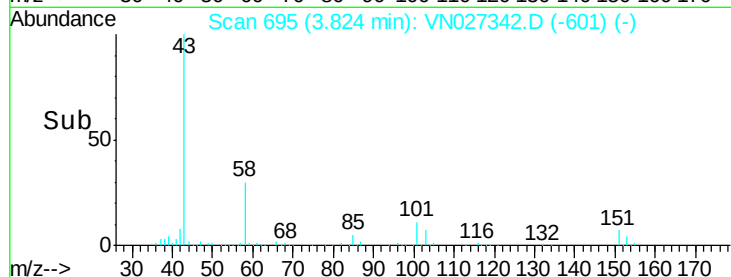
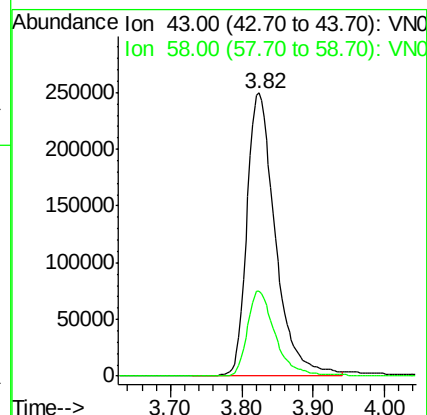
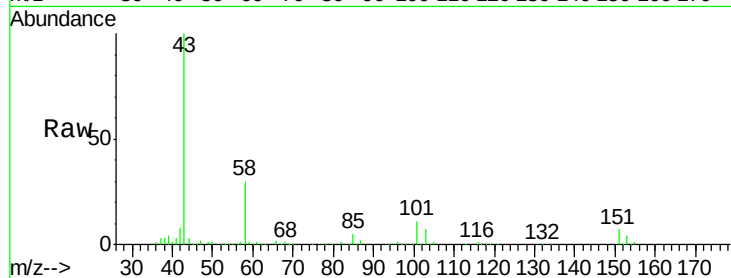




#17
Acetone
Concen: 231.98 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

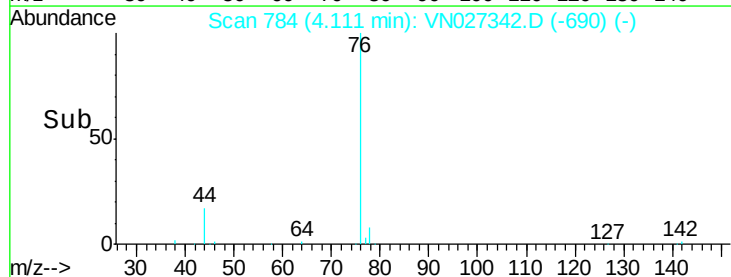
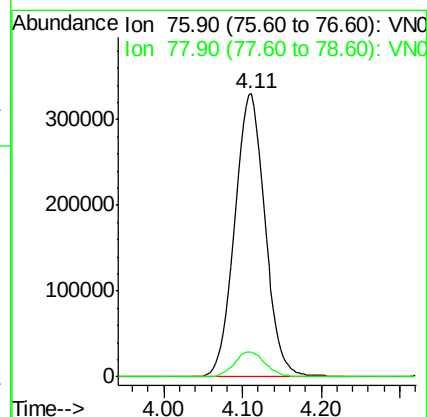
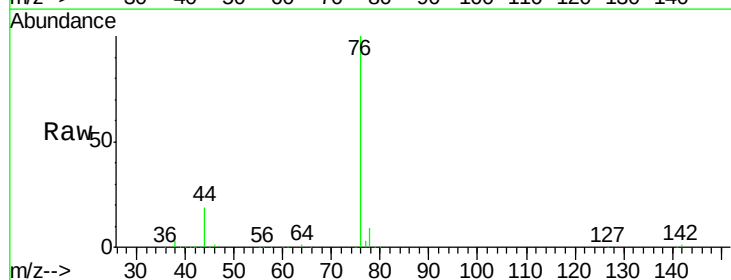
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

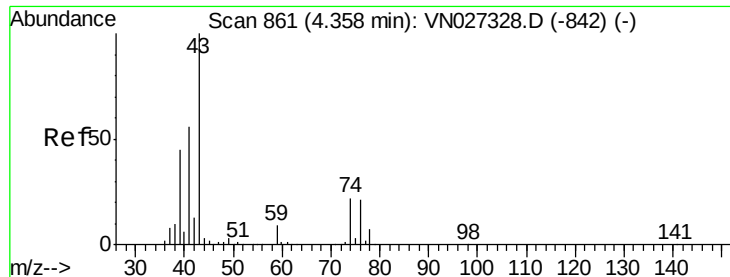
Tgt Ion: 43 Resp: 691122
Ion Ratio Lower Upper
43 100
58 30.0 25.4 38.0



#18
Carbon Disulfide
Concen: 46.40 ug/l
RT: 4.11 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion: 76 Resp: 887537
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

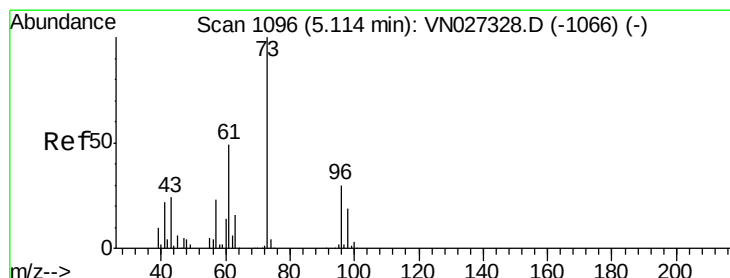
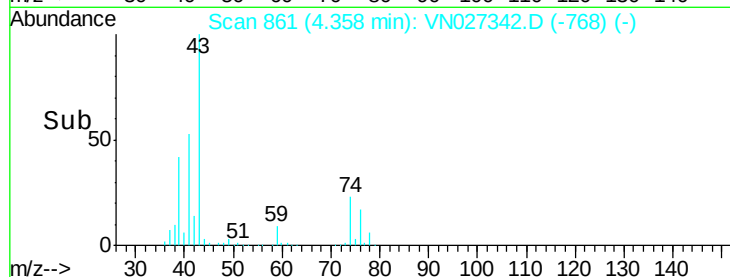
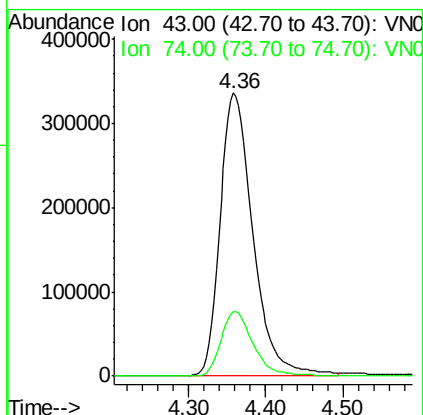
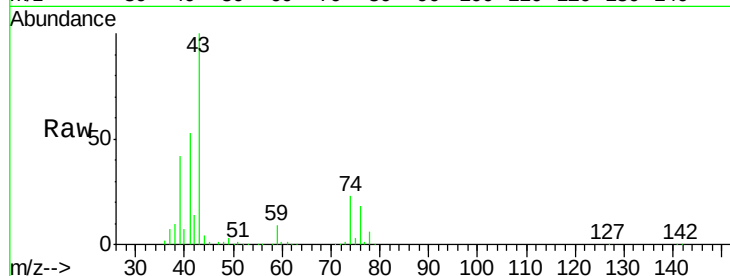




#19
Methyl Acetate
Concen: 53.27 ug/l
RT: 4.36 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

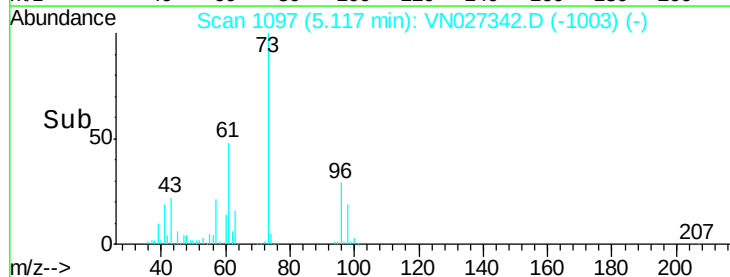
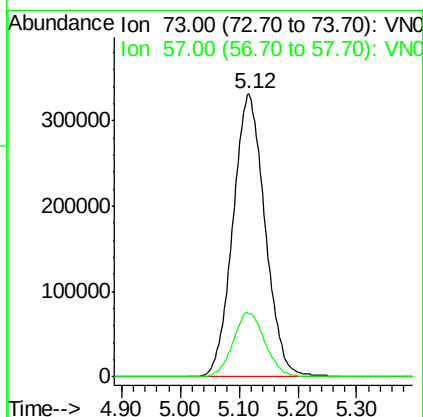
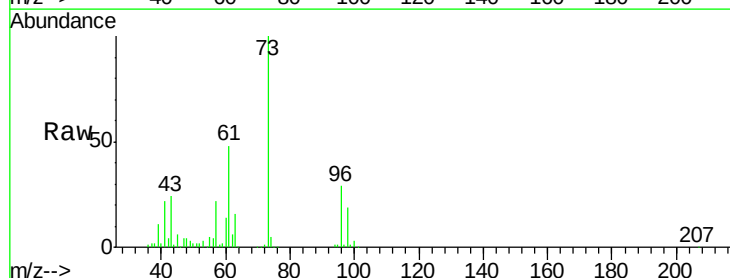
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

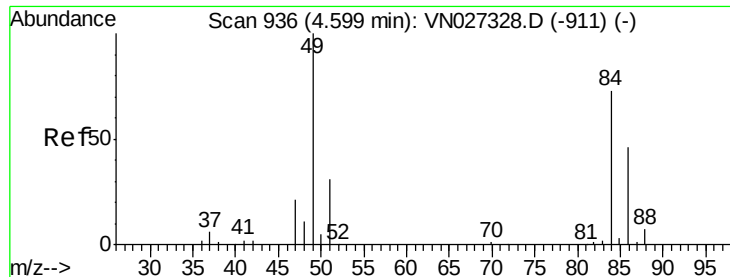
Tgt Ion: 43 Resp: 984465
Ion Ratio Lower Upper
43 100
74 22.6 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 49.49 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion: 73 Resp: 1262064
Ion Ratio Lower Upper
73 100
57 22.4 19.8 29.6

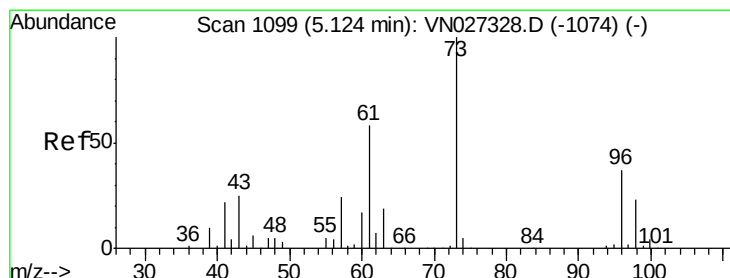
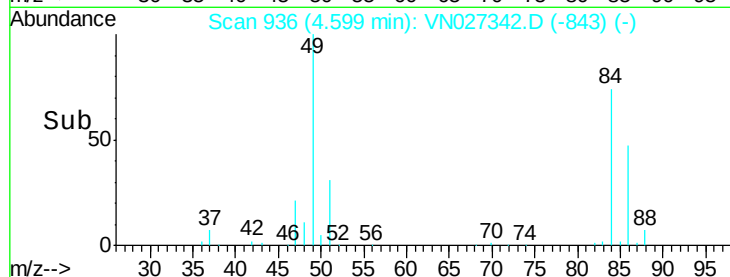
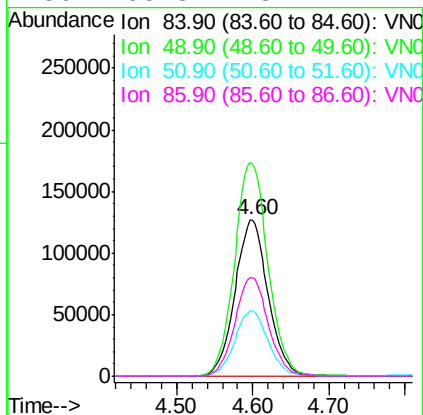
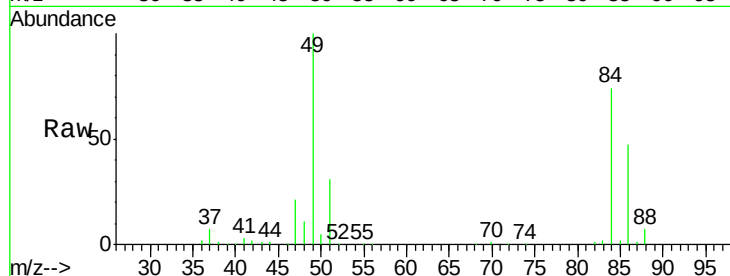




#21
Methylene Chloride
Concen: 48.32 ug/l
RT: 4.60 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

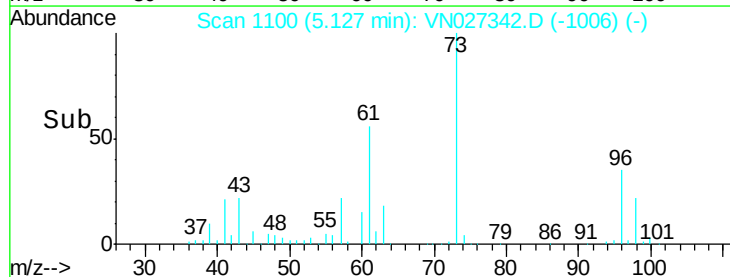
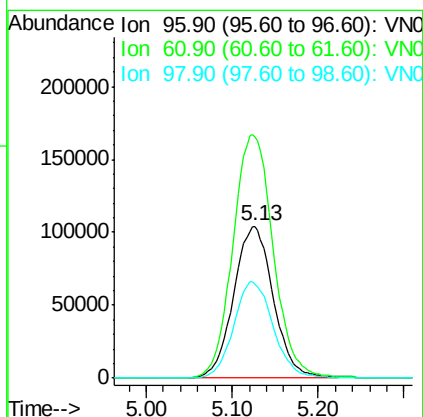
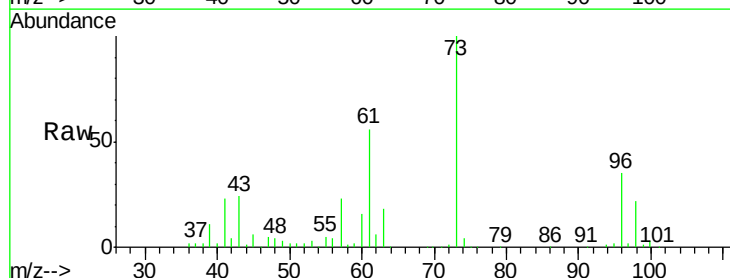
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

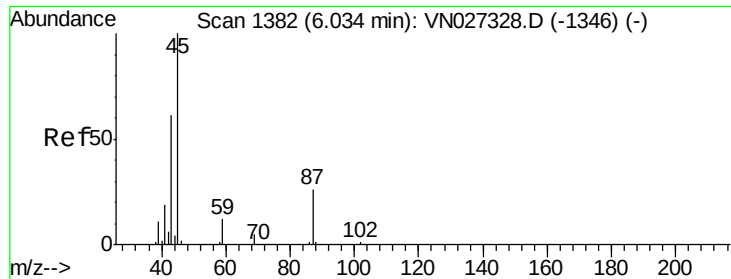
Tgt Ion: 84 Resp: 383257
Ion Ratio Lower Upper
84 100
49 135.9 112.3 168.5
51 42.0 33.8 50.8
86 63.3 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 47.45 ug/l
RT: 5.13 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion: 96 Resp: 333256
Ion Ratio Lower Upper
96 100
61 158.8 126.6 189.8
98 61.6 47.4 71.2

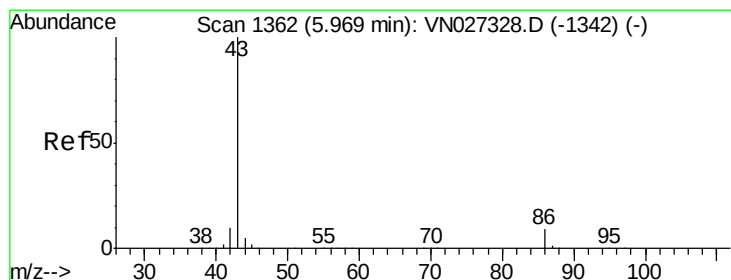
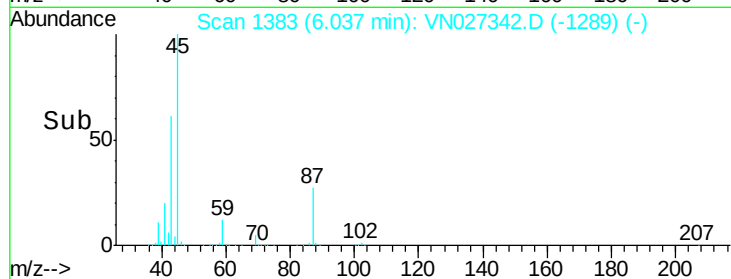
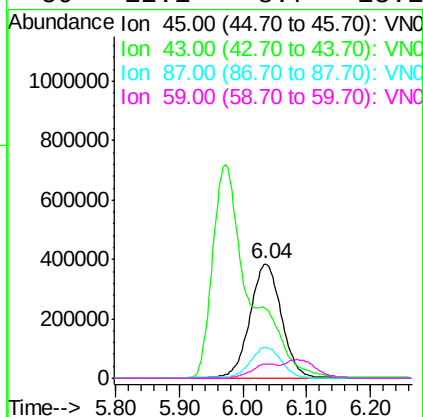
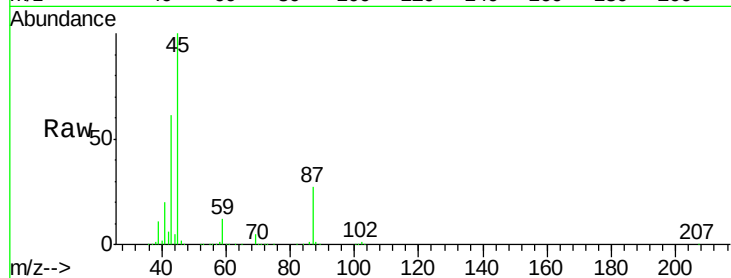




#23
 Diisopropyl ether
 Concen: 49.18 ug/l
 RT: 6.04 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

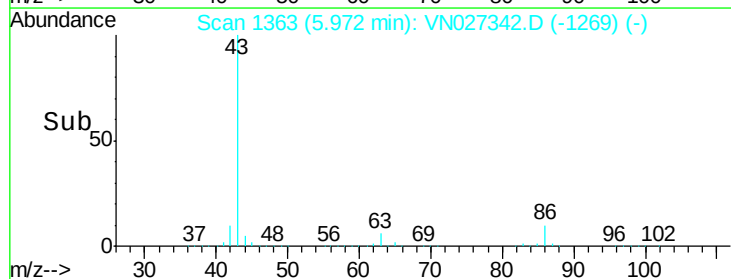
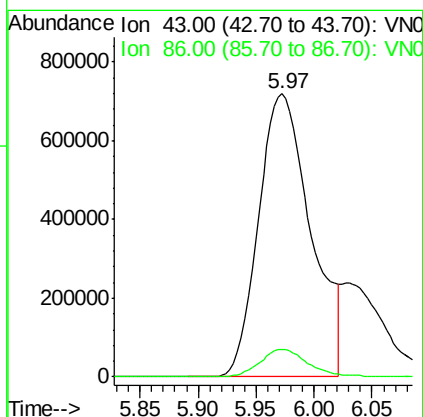
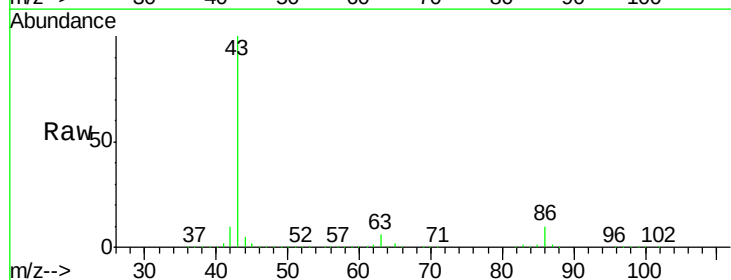
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

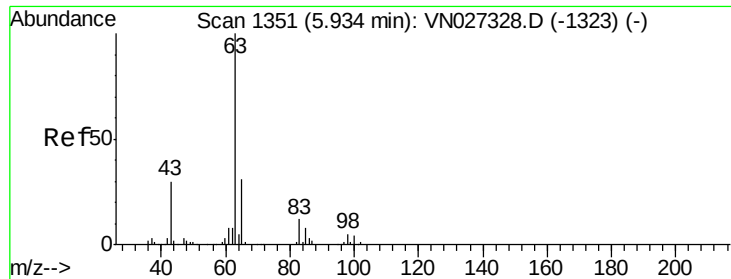
Tgt Ion: 45 Resp: 1332567
 Ion Ratio Lower Upper
 45 100
 43 60.6 41.0 61.6
 87 26.5 17.5 26.3#
 59 12.1 8.7 13.1



#24
 Vinyl Acetate
 Concen: 247.58 ug/l
 RT: 5.97 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 43 Resp: 2250840
 Ion Ratio Lower Upper
 43 100
 86 9.7 6.9 10.3





#25

1,1-Dichloroethane

Concen: 48.44 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

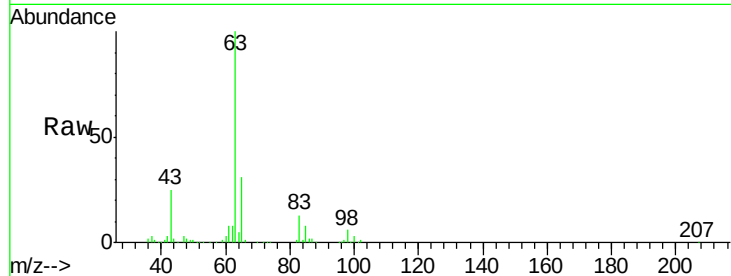
Tgt Ion: 63 Resp: 764930

Ion Ratio Lower Upper

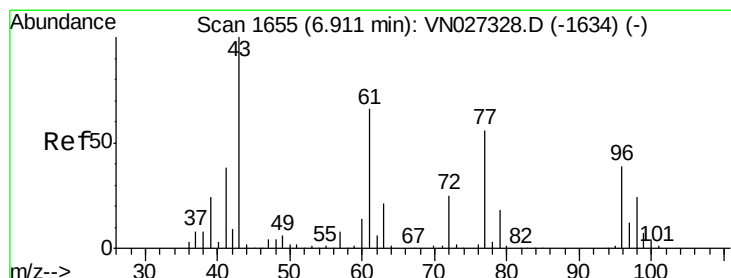
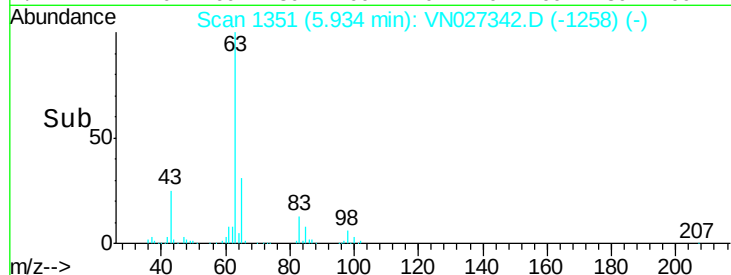
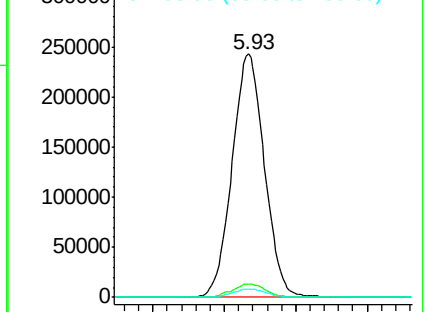
63 100

98 5.6 2.8 8.3

100 3.3 1.7 5.0



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



#26

2-Butanone

Concen: 260.55 ug/l

RT: 6.91 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VN027342.D

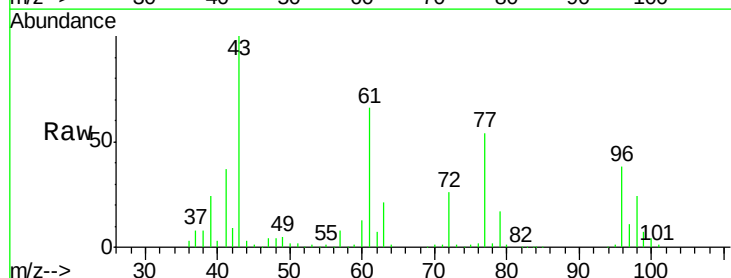
Acq: 21 Sep 2015 20:31

Tgt Ion: 43 Resp: 1016543

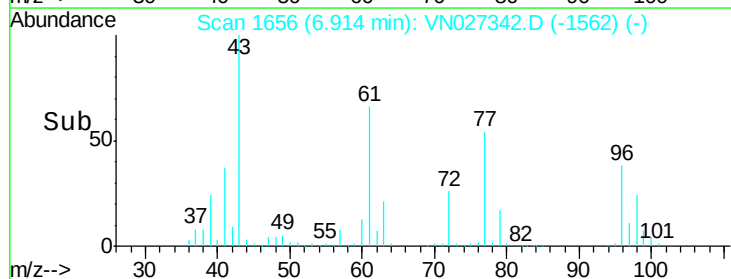
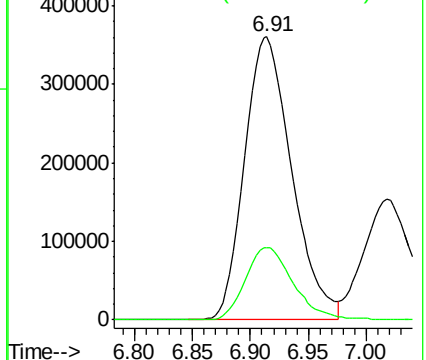
Ion Ratio Lower Upper

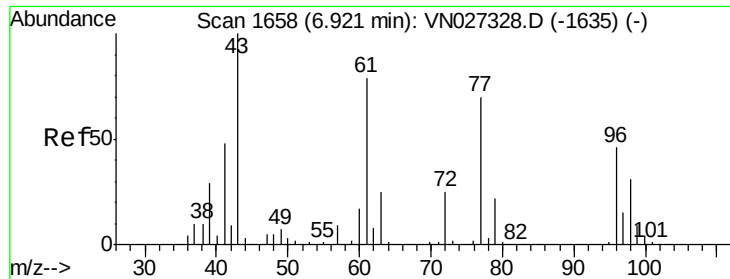
43 100

72 25.8 18.8 28.2



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

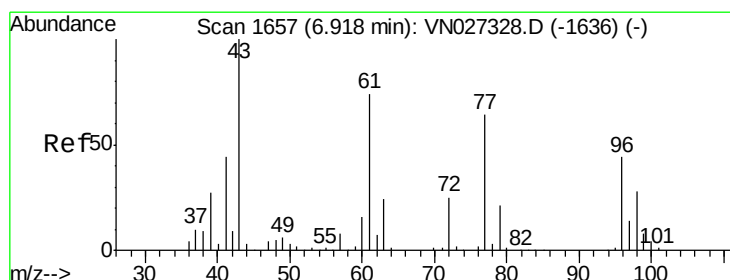
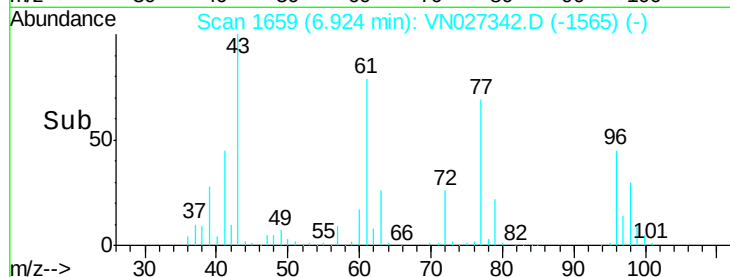
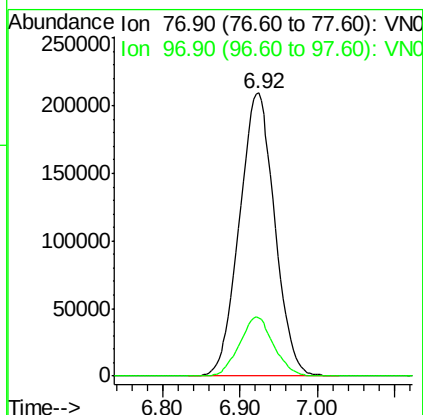
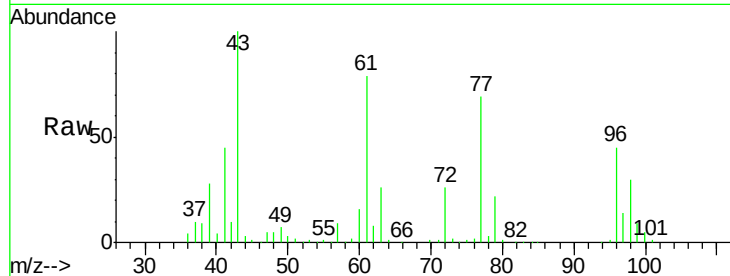




#27
 2,2-Dichloropropane
 Concen: 48.92 ug/l
 RT: 6.92 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

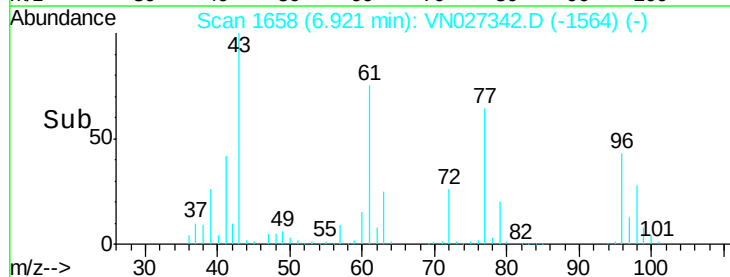
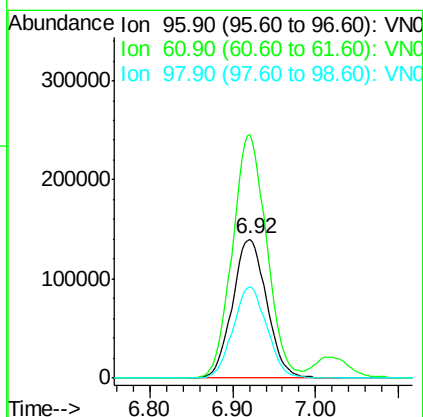
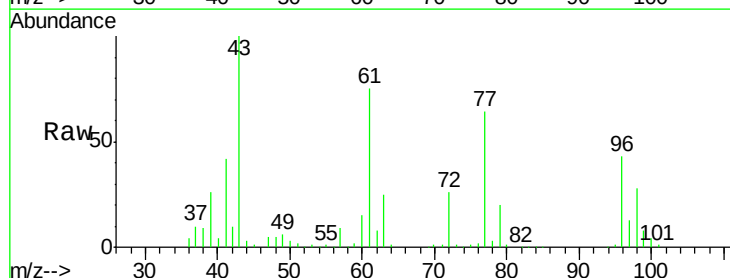
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

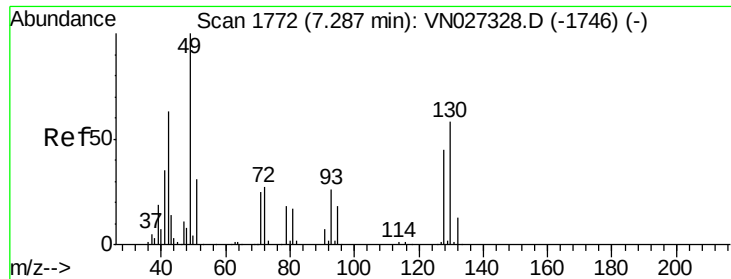
Tgt Ion: 77 Resp: 665494
 Ion Ratio Lower Upper
 77 100
 97 20.2 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 48.69 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 96 Resp: 404075
 Ion Ratio Lower Upper
 96 100
 61 174.0 0.0 329.2
 98 64.6 0.0 126.0





#29

Bromochloromethane

Concen: 49.00 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

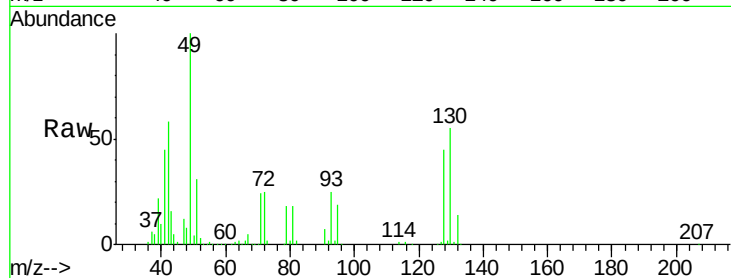
Tgt Ion: 49 Resp: 303555

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.2

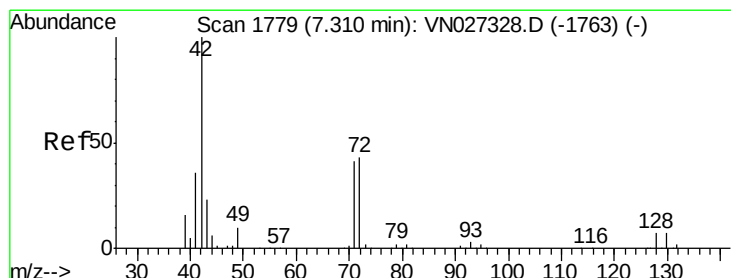
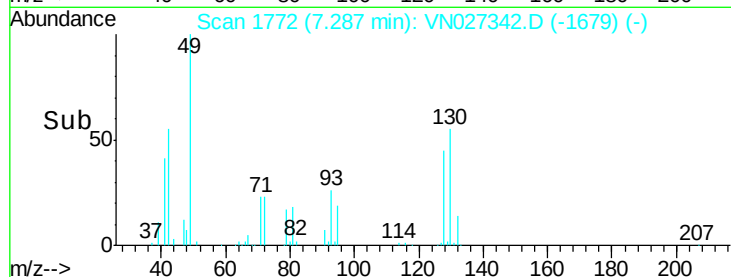
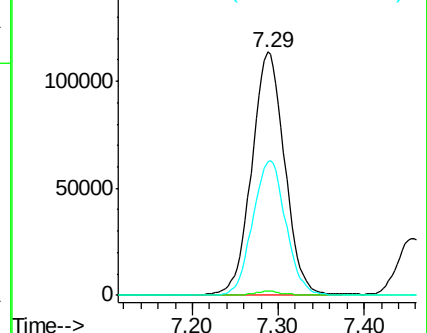
130 55.5 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Tetrahydrofuran

Concen: 253.72 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

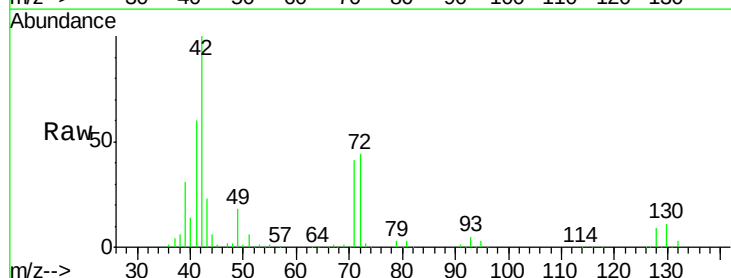
Tgt Ion: 42 Resp: 627483

Ion Ratio Lower Upper

42 100

72 44.5 29.9 44.9

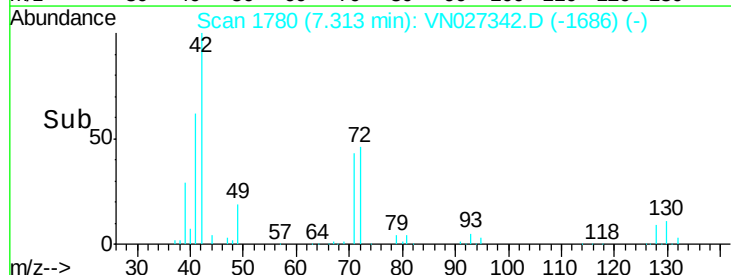
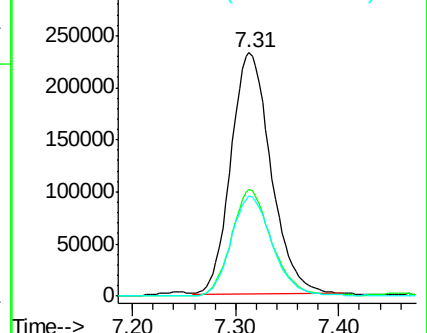
71 42.5 28.3 42.5#

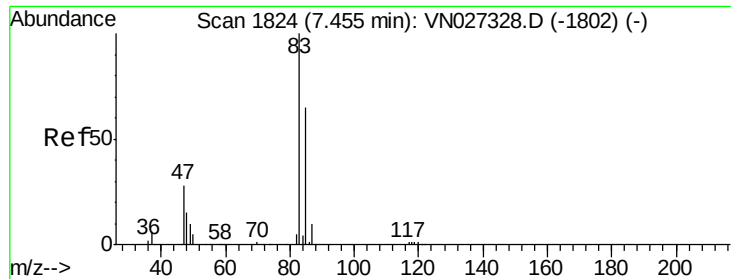


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Chloroform

Concen: 49.94 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

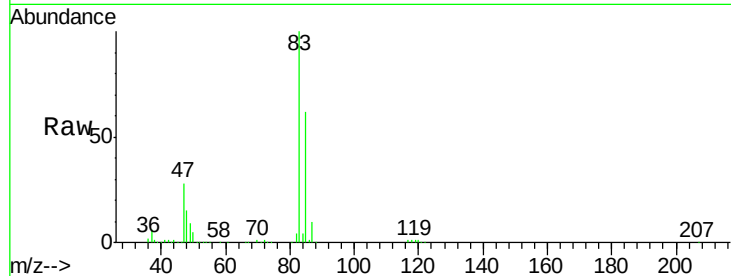
VSTDCCC050EC

Tgt Ion: 83 Resp: 740626

Ion Ratio Lower Upper

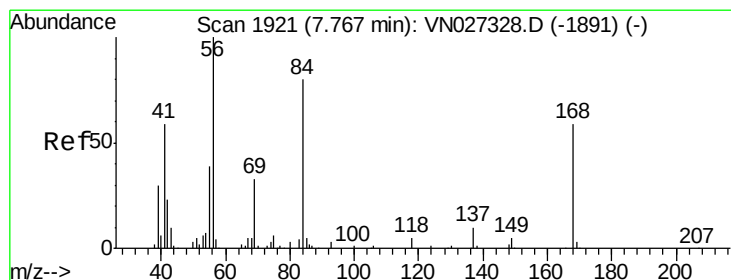
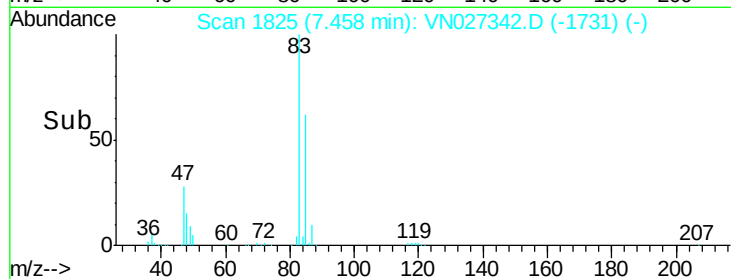
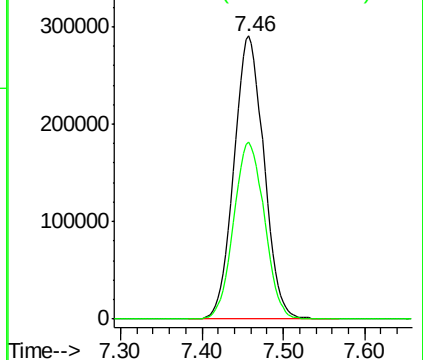
83 100

85 62.4 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#32

Cyclohexane

Concen: 48.96 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

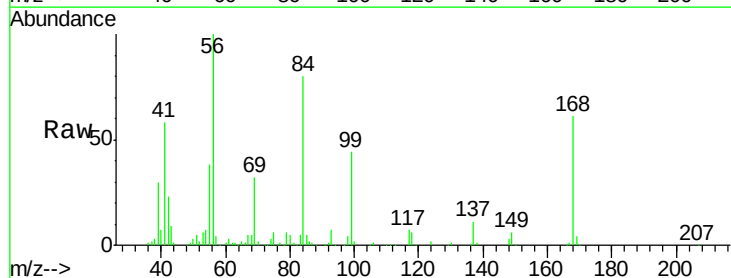
Tgt Ion: 56 Resp: 688502

Ion Ratio Lower Upper

56 100

69 32.1 23.0 34.4

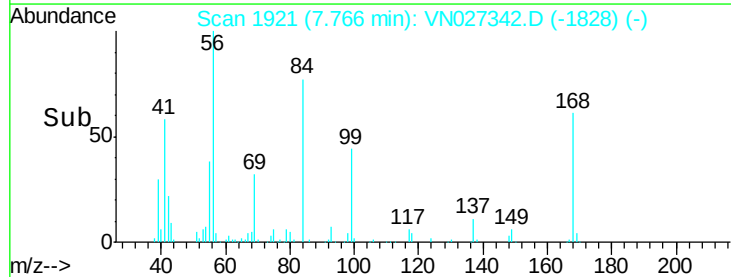
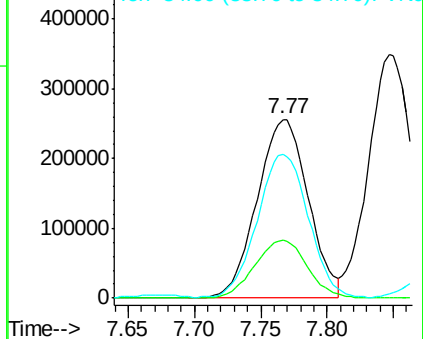
84 79.6 57.8 86.8

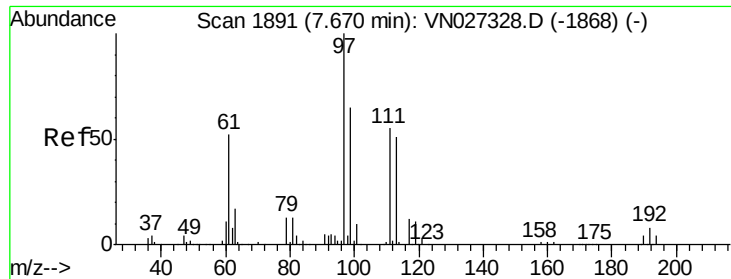


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

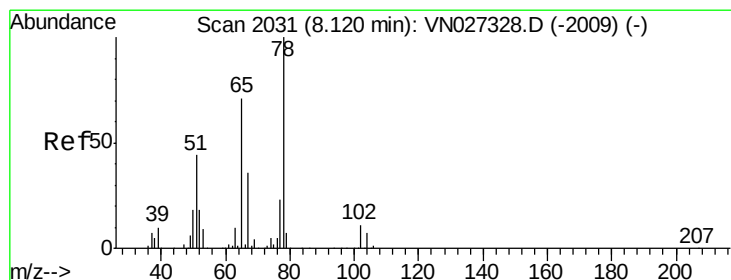
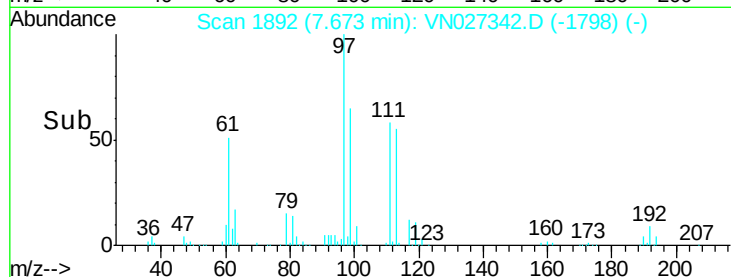
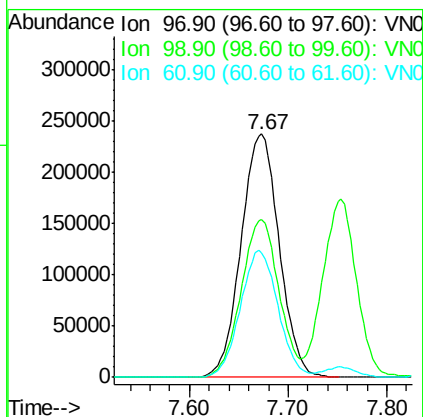
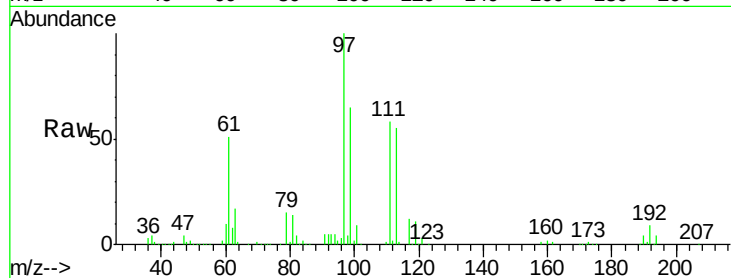




#33
 1,1,1-Trichloroethane
 Concen: 48.40 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

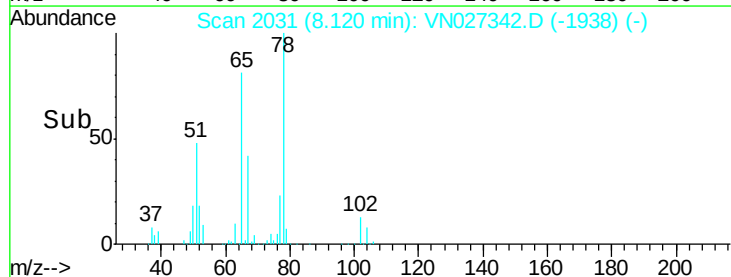
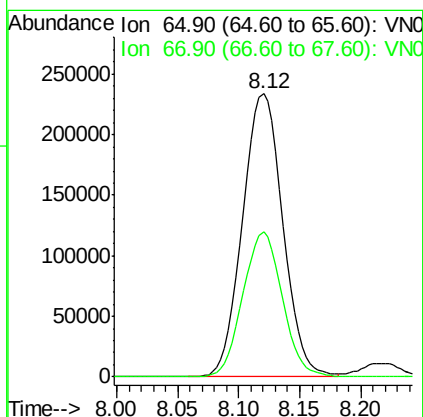
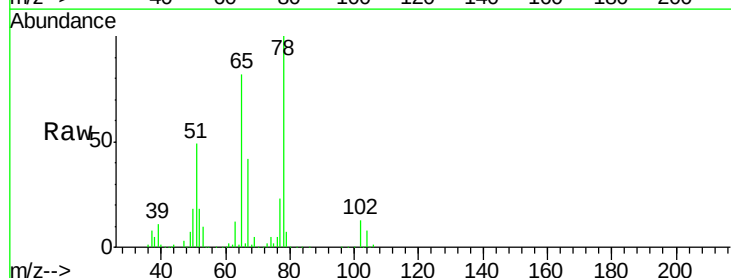
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

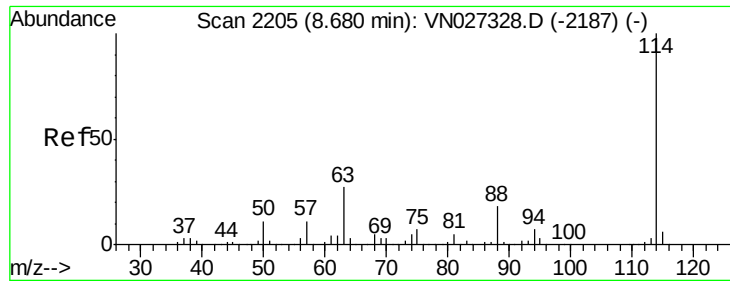
Tgt Ion: 97 Resp: 635980
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.1 75.1
 61 51.6 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 48.80 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 65 Resp: 534412
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 110.6

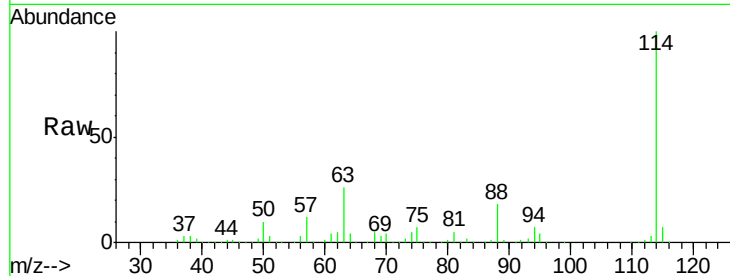




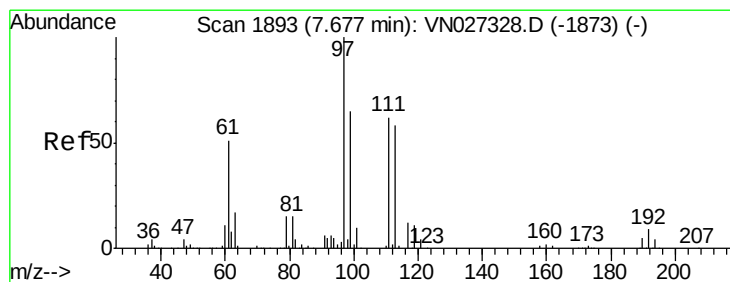
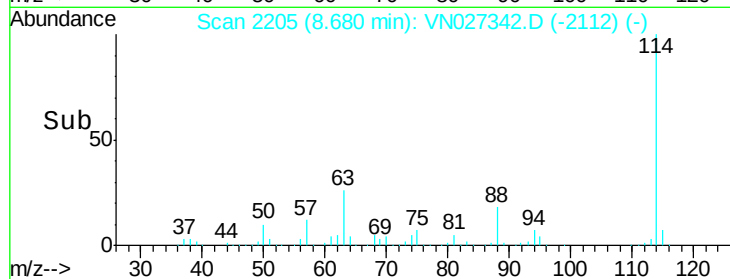
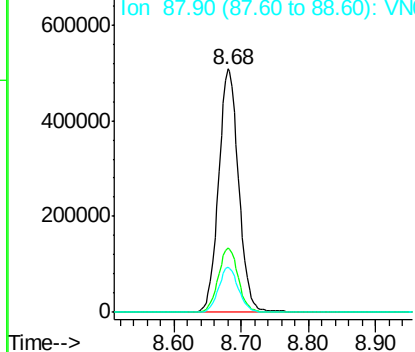
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:114 Resp: 1056023
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 48.8
 88 18.4 0.0 32.2

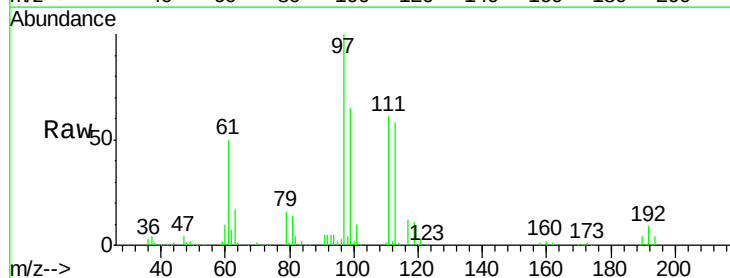


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

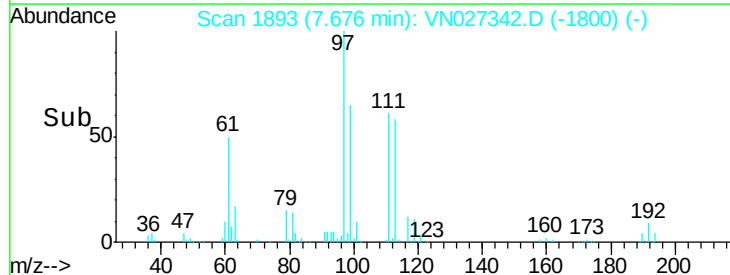
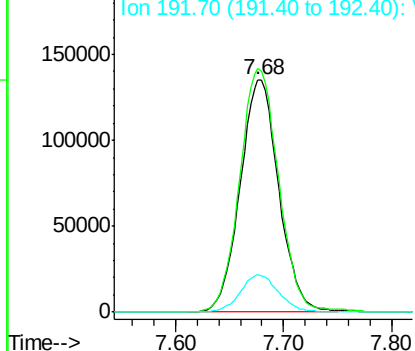


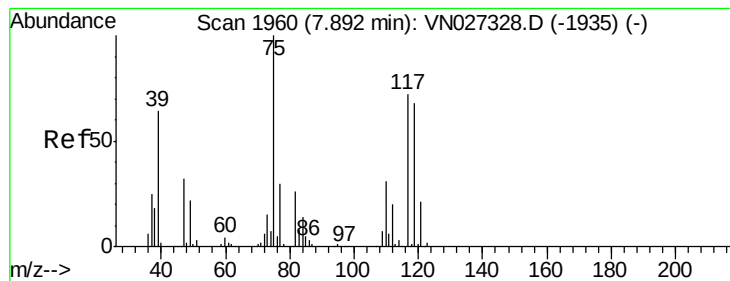
#36
 Dibromofluoromethane
 Concen: 48.81 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion:113 Resp: 336341
 Ion Ratio Lower Upper
 113 100
 111 106.4 83.0 124.4
 192 16.0 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: 47.66 ug/l

RT: 7.89 min Scan# 1960

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

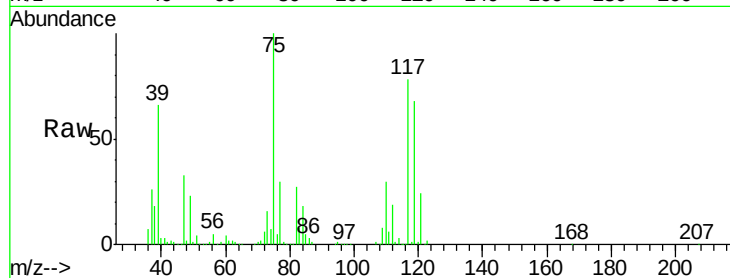
Tgt Ion: 75 Resp: 542446

Ion Ratio Lower Upper

75 100

110 30.6 15.9 47.7

77 30.1 24.9 37.3

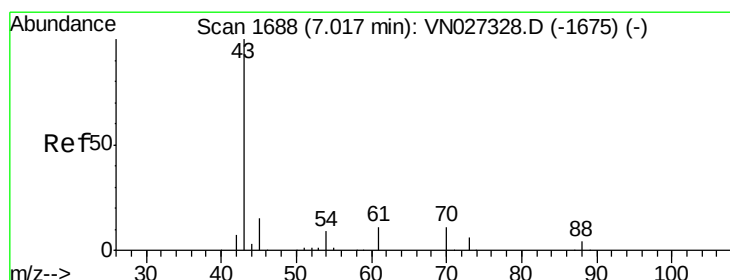
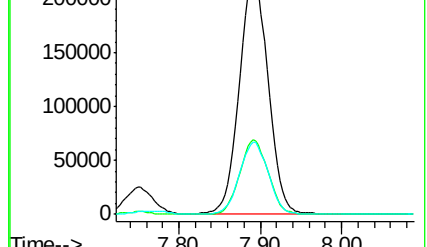
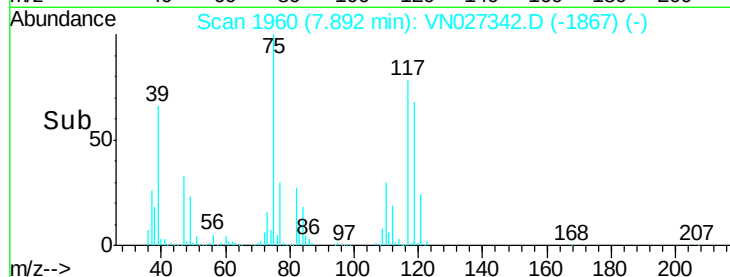


Abundance Ion 74.90 (74.60 to 75.60): VN027342.D (-1867) (-)

Ion 109.90 (109.60 to 110.60): VN027342.D (-1867) (-)

Ion 76.90 (76.60 to 77.60): VN027342.D (-1867) (-)

Time-->



#38

Ethyl Acetate

Concen: 51.55 ug/l

RT: 7.02 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

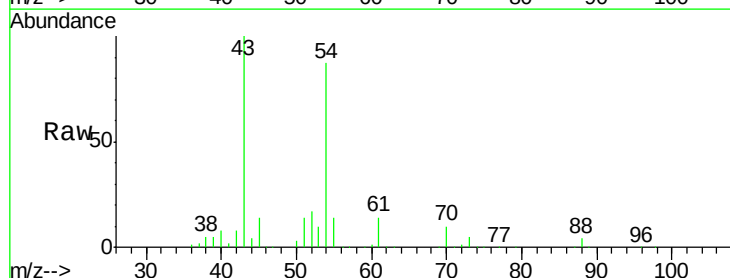
Tgt Ion: 43 Resp: 453010

Ion Ratio Lower Upper

43 100

61 14.0 10.2 15.4

70 10.0 7.4 11.0

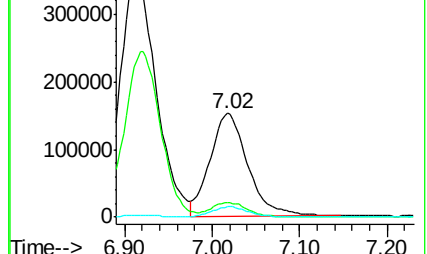
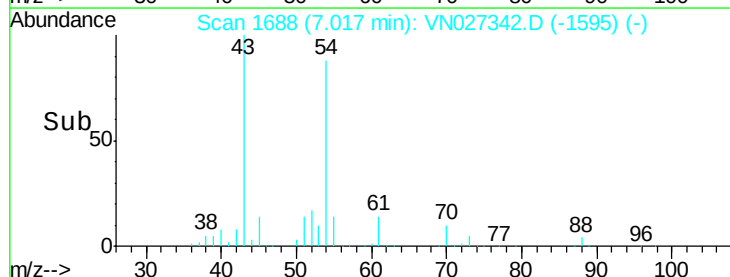


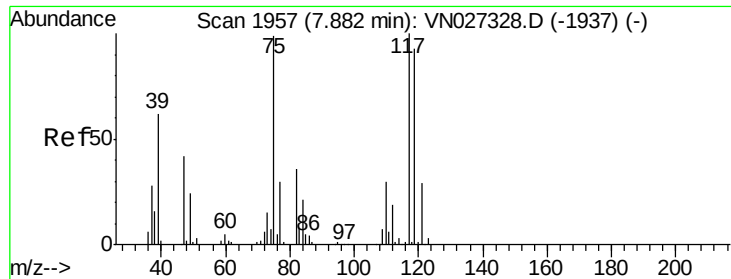
Abundance Ion 43.00 (42.70 to 43.70): VN027342.D (-1595) (-)

Ion 60.90 (60.60 to 61.60): VN027342.D (-1595) (-)

Ion 70.00 (69.70 to 70.70): VN027342.D (-1595) (-)

Time-->





#39

Carbon Tetrachloride

Concen: 48.04 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

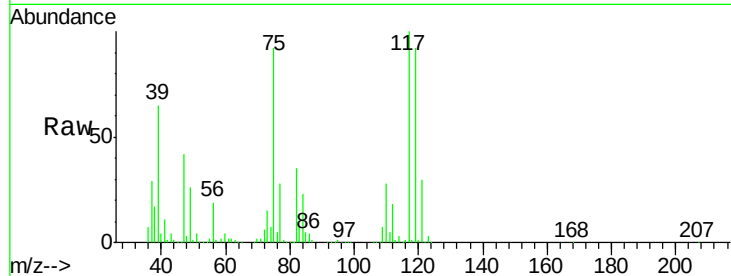
Tgt Ion: 117 Resp: 514556

Ion Ratio Lower Upper

117 100

119 92.0 75.3 112.9

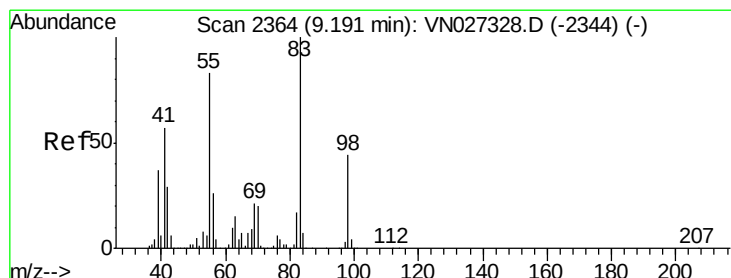
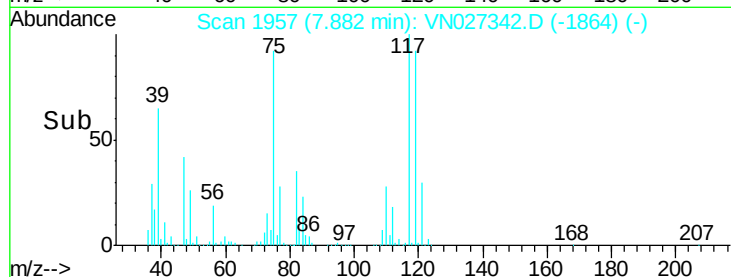
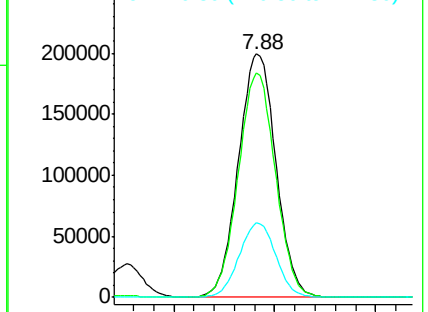
121 30.4 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Methylcyclohexane

Concen: 47.79 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

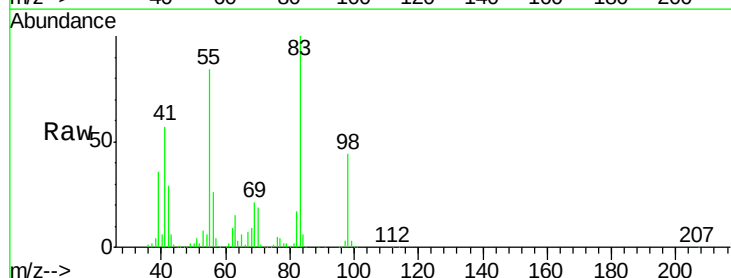
Tgt Ion: 83 Resp: 645992

Ion Ratio Lower Upper

83 100

55 84.1 69.8 104.8

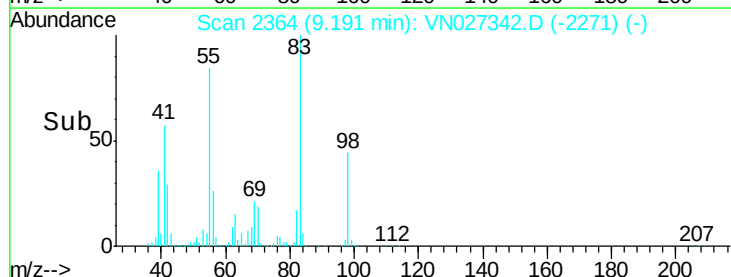
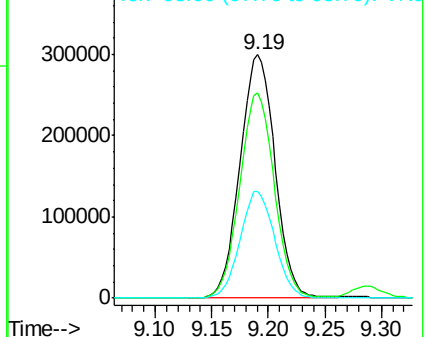
98 43.8 34.3 51.5

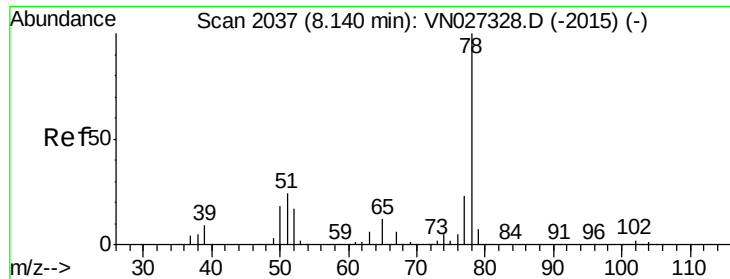


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 48.44 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

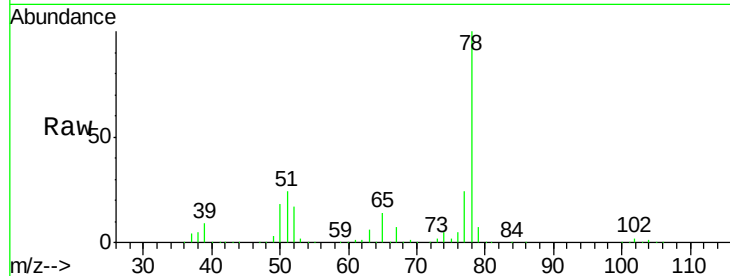
VSTDCCC050EC

Tgt Ion: 78 Resp: 1600059

Ion Ratio Lower Upper

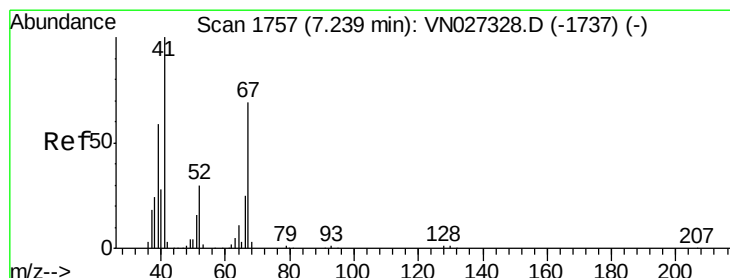
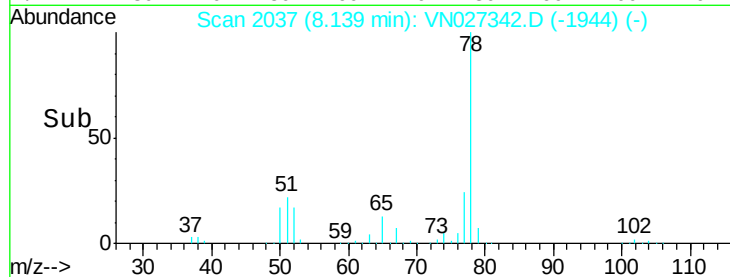
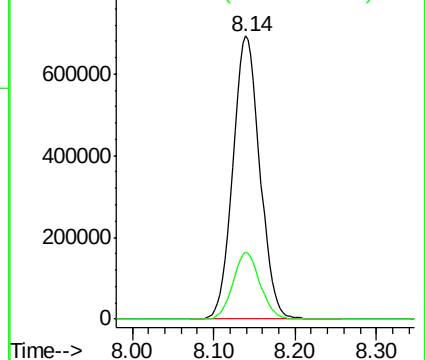
78 100

77 23.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

Methacrylonitrile

Concen: 49.58 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Tgt Ion: 41 Resp: 257197

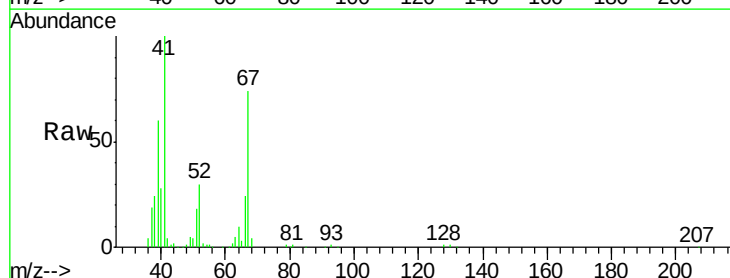
Ion Ratio Lower Upper

41 100

39 60.9 43.0 64.6

67 75.7 52.2 78.2

52 33.2 21.3 31.9#

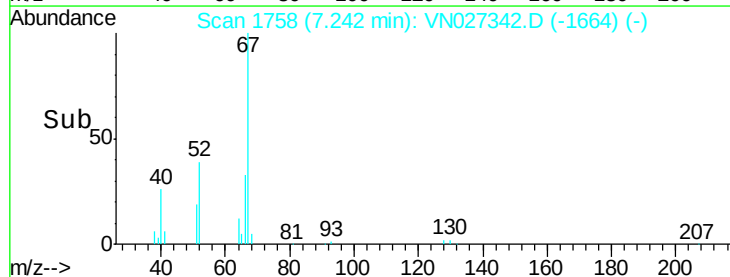
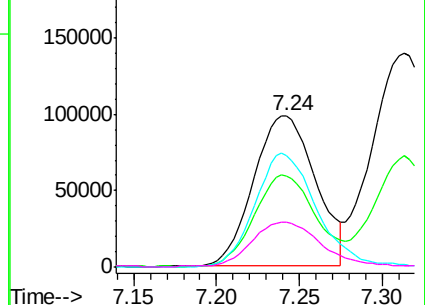


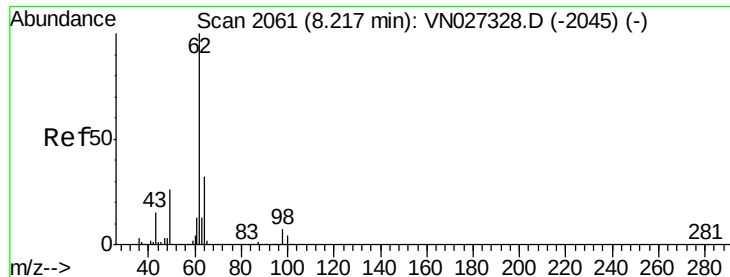
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

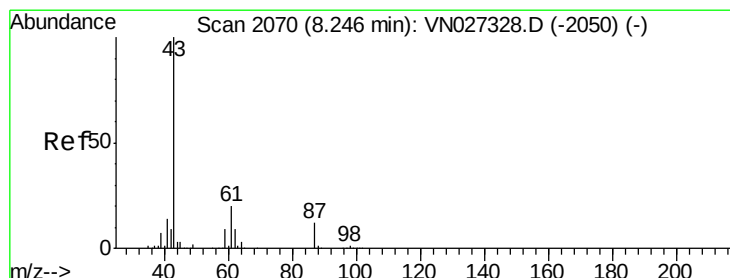
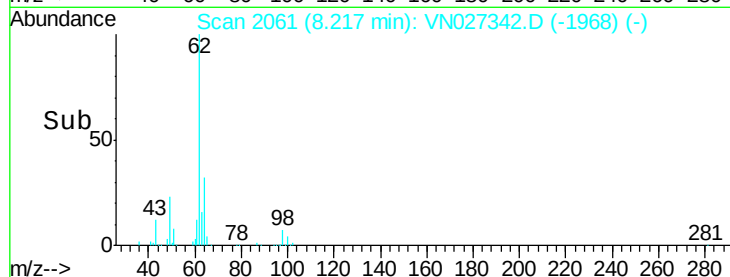
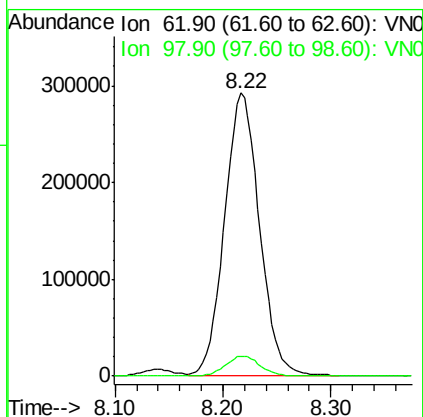
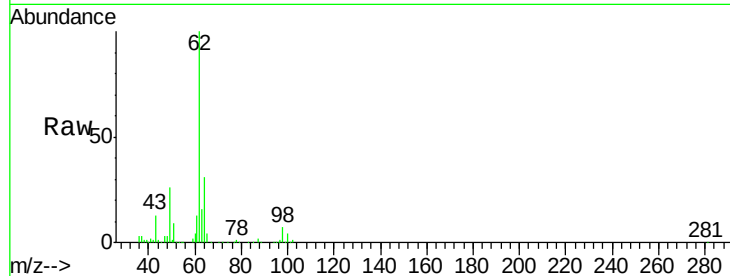




#43
 1,2-Dichloroethane
 Concen: 48.72 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

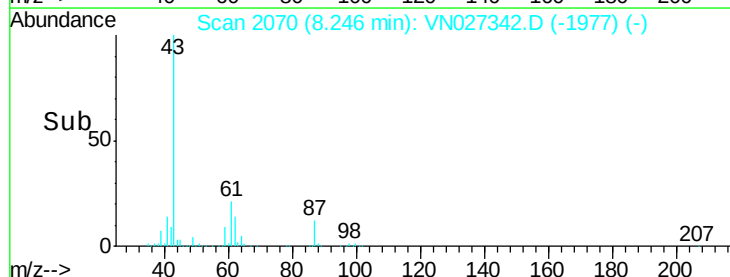
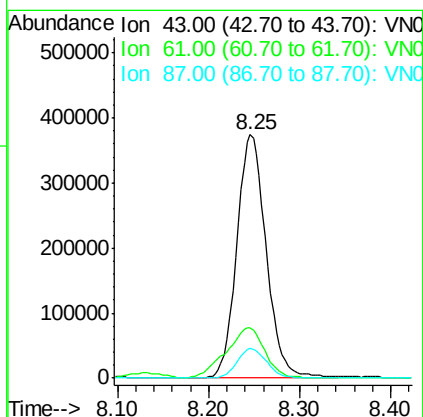
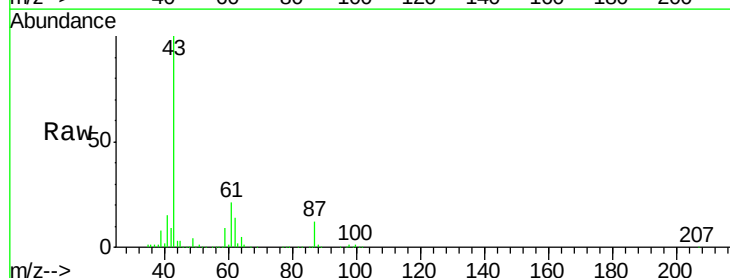
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

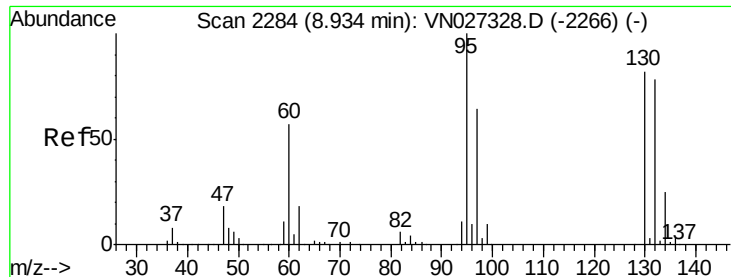
Tgt Ion: 62 Resp: 656040
 Ion Ratio Lower Upper
 62 100
 98 7.2 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 49.79 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 43 Resp: 836319
 Ion Ratio Lower Upper
 43 100
 61 27.1 20.6 31.0
 87 12.4 8.6 13.0





#45

Trichloroethene

Concen: 47.85 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

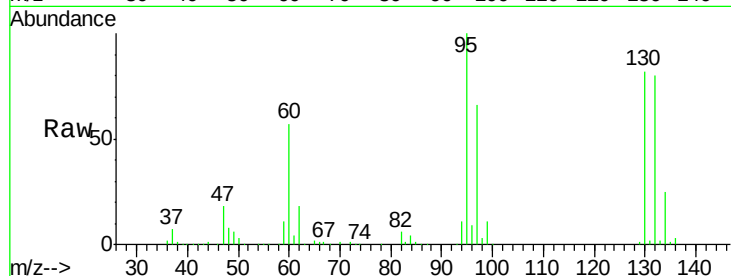
VSTDCCC050EC

Tgt Ion:130 Resp: 316624

Ion Ratio Lower Upper

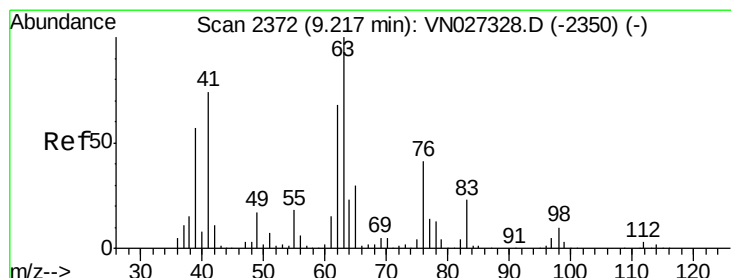
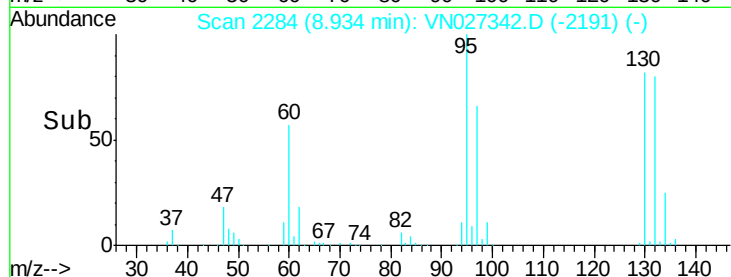
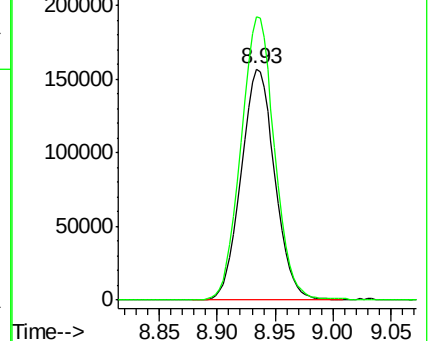
130 100

95 122.5 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: 48.86 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN027342.D

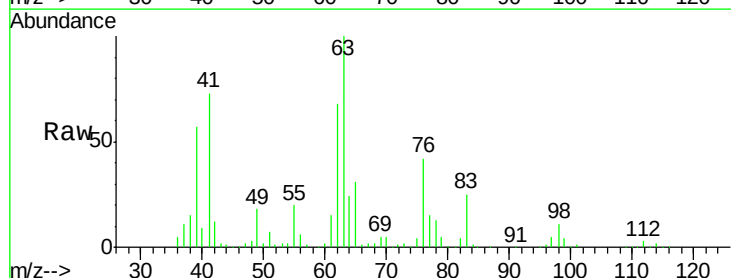
Acq: 21 Sep 2015 20:31

Tgt Ion: 63 Resp: 451772

Ion Ratio Lower Upper

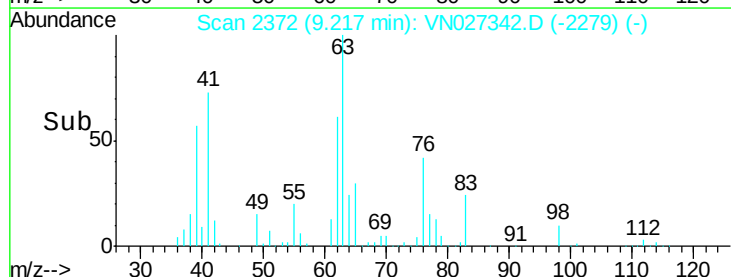
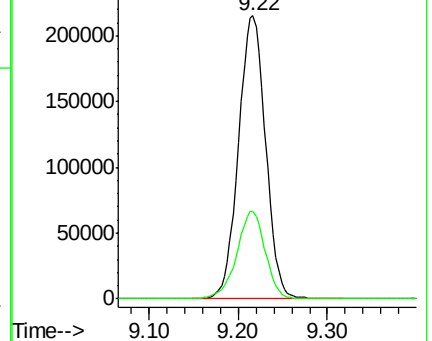
63 100

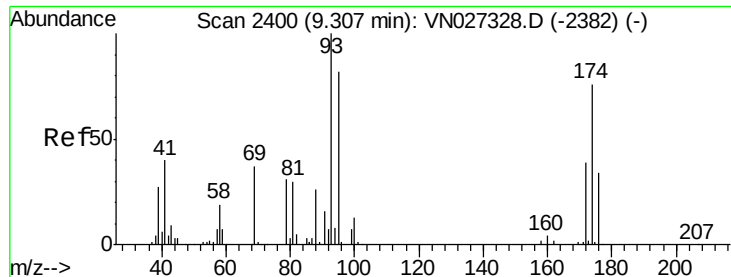
65 30.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Dibromomethane

Concen: 48.72 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

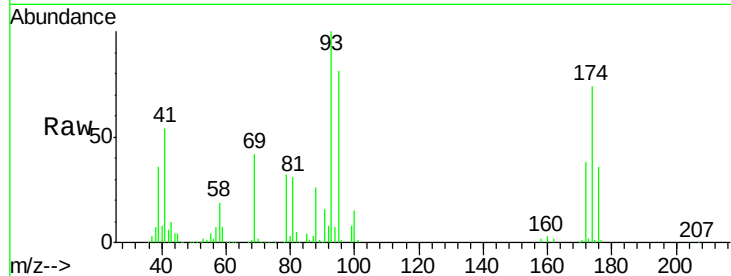
Tgt Ion: 93 Resp: 270329

Ion Ratio Lower Upper

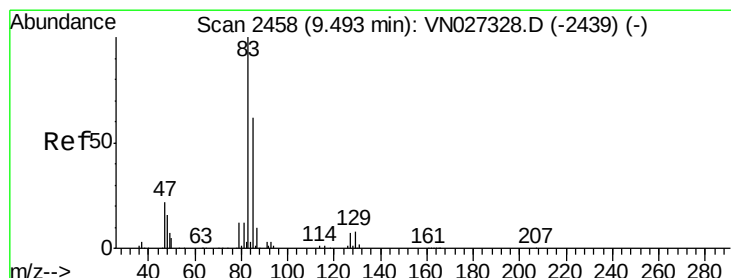
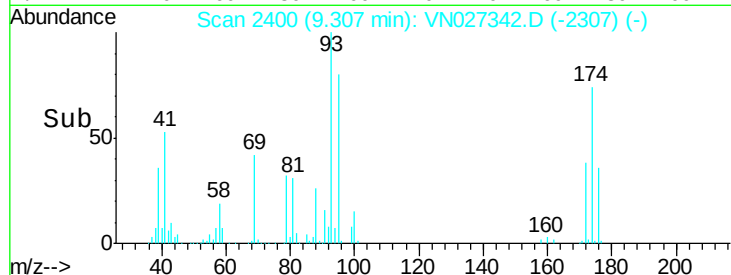
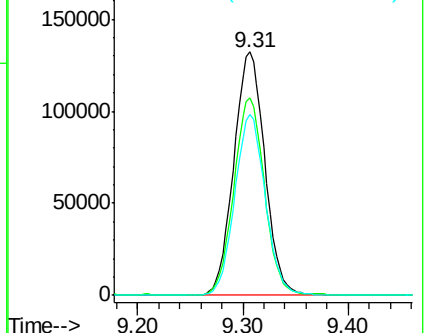
93 100

95 80.4 66.3 99.5

174 73.1 67.8 101.6



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



#48

Bromodichloromethane

Concen: 48.47 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

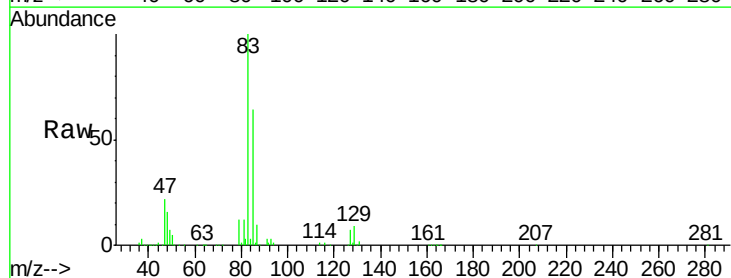
Tgt Ion: 83 Resp: 570443

Ion Ratio Lower Upper

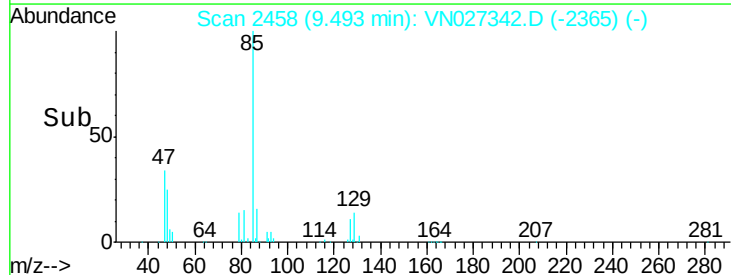
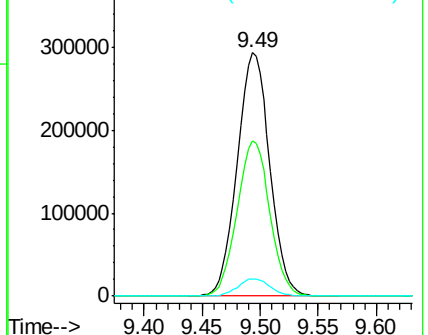
83 100

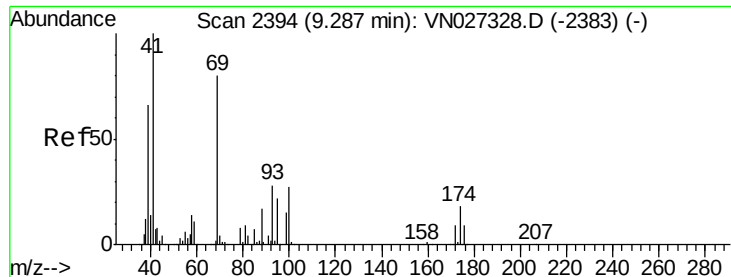
85 63.5 50.7 76.1

127 7.1 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

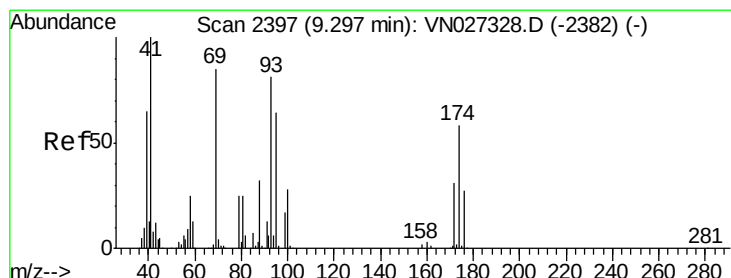
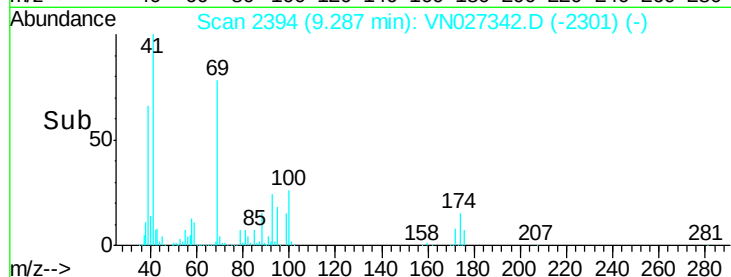
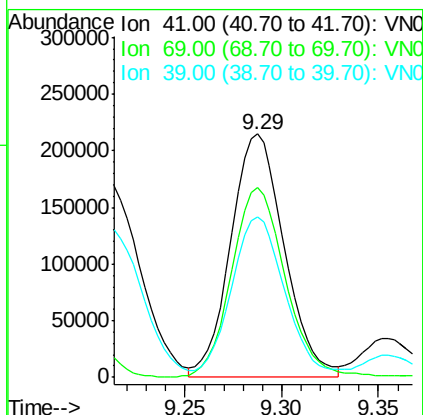
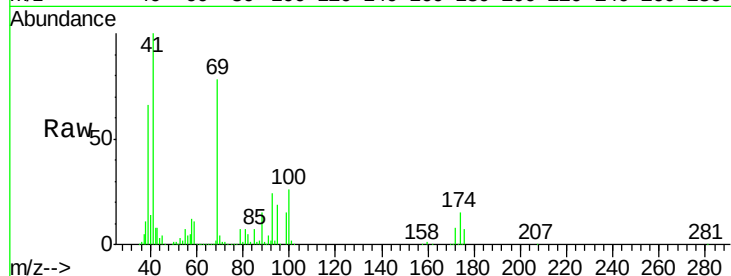




#49
Methyl methacrylate
Concen: 51.98 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

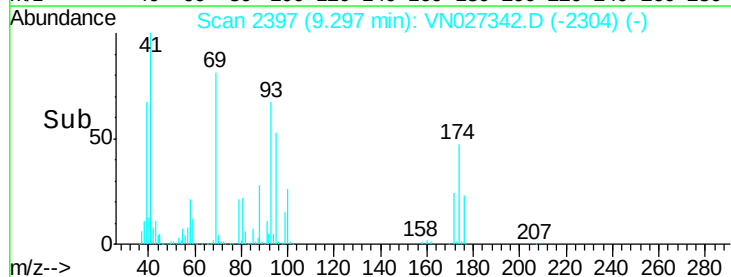
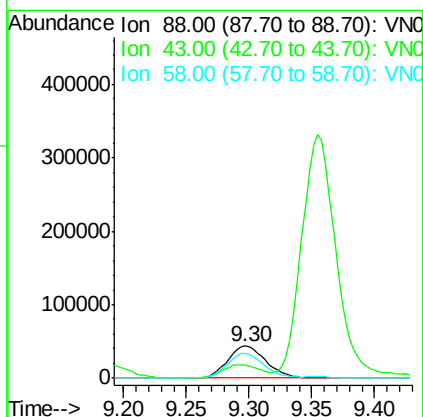
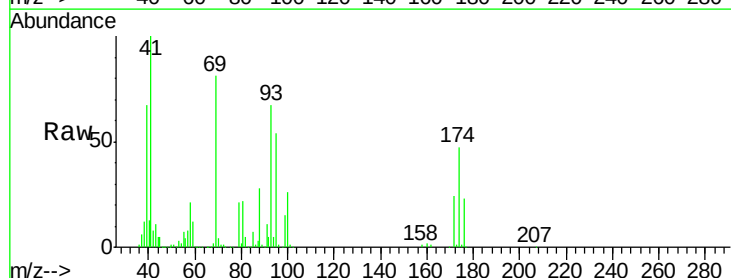
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

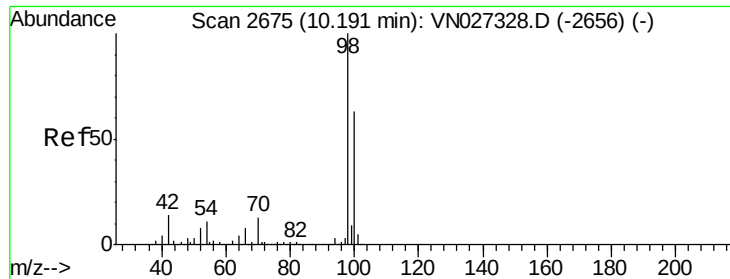
Tgt Ion: 41 Resp: 410933
Ion Ratio Lower Upper
41 100
69 78.5 59.3 88.9
39 66.2 39.5 59.3#



#50
1,4-Dioxane
Concen: 963.58 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion: 88 Resp: 91940
Ion Ratio Lower Upper
88 100
43 38.6 27.6 41.4
58 75.9 63.1 94.7





#51

Toluene-d8

Concen: 48.71 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

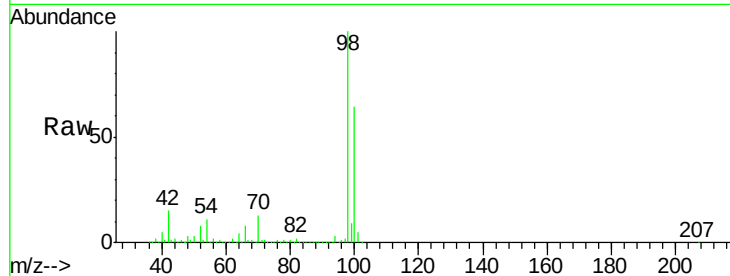
VSTDCCC050EC

Tgt Ion: 98 Resp: 1297667

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN027328.D (-2656) (-)

Ion 100.00 (99.70 to 100.70): VN027328.D (-2656) (-)

10.19

800000

600000

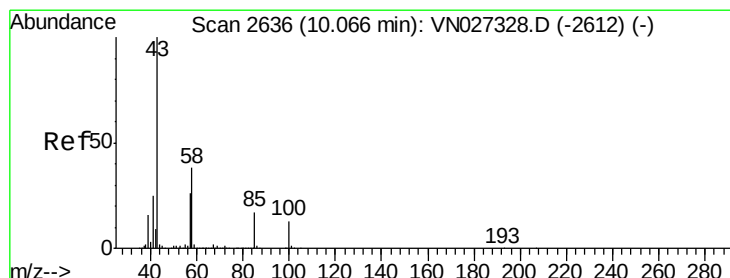
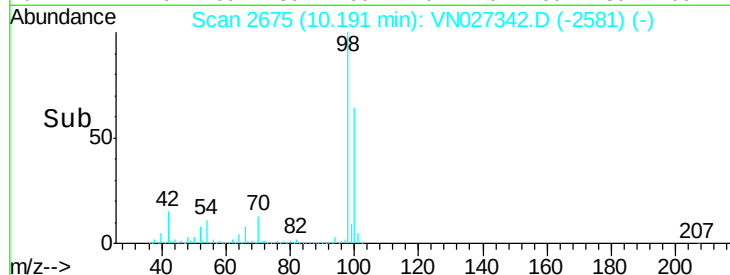
400000

200000

0

10.10 10.20 10.30

Time-->



#52

4-Methyl-2-Pentanone

Concen: 254.46 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VN027342.D

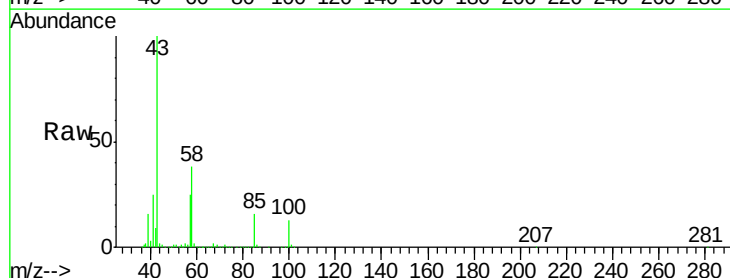
Acq: 21 Sep 2015 20:31

Tgt Ion: 43 Resp: 2198360

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN027328.D (-2612) (-)

Ion 58.00 (57.70 to 58.70): VN027328.D (-2612) (-)

10.07

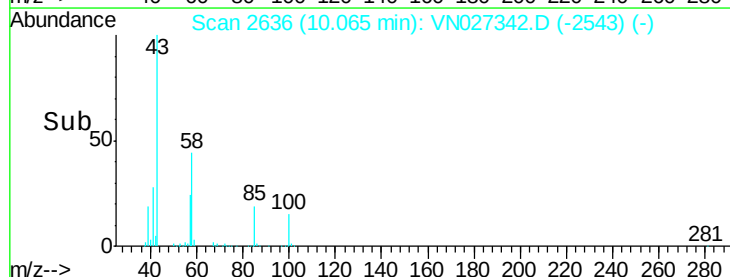
1000000

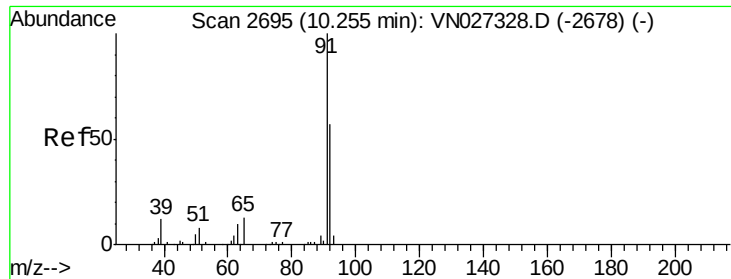
500000

0

10.00 10.10 10.20

Time-->





#53

Toluene

Concen: 47.94 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

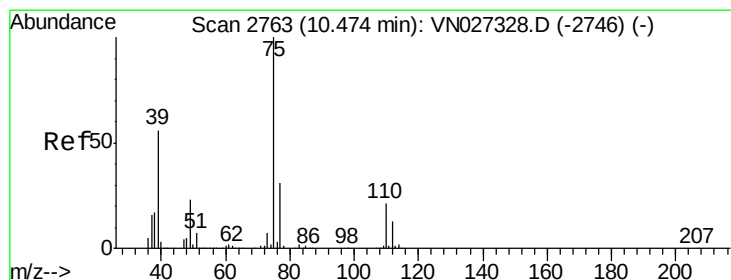
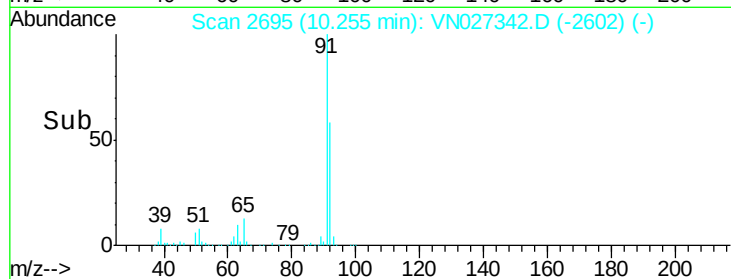
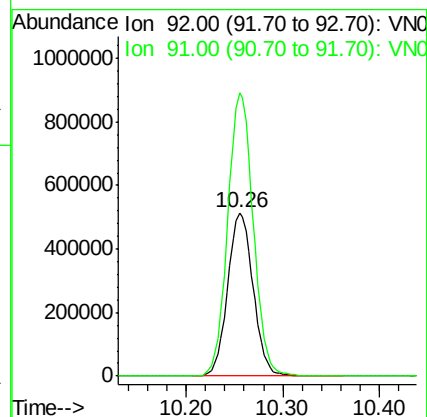
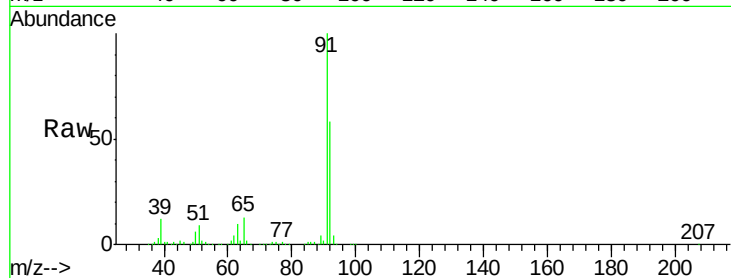
VSTDCCC050EC

Tgt Ion: 92 Resp: 936627

Ion Ratio Lower Upper

92 100

91 174.2 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 49.11 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VN027342.D

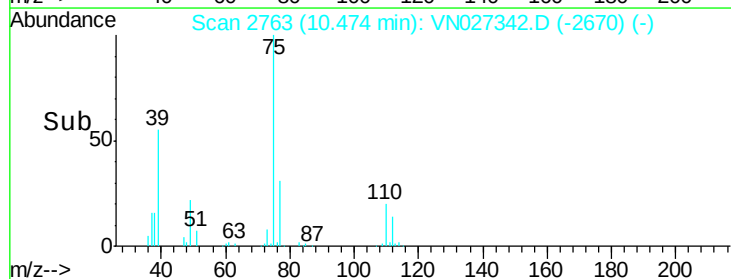
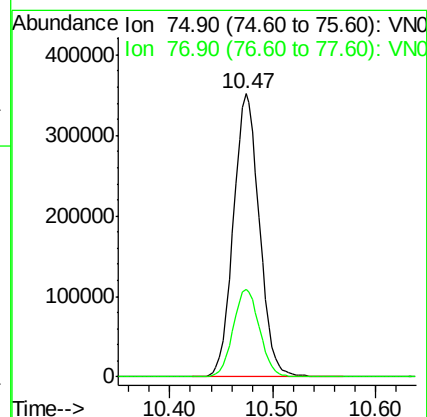
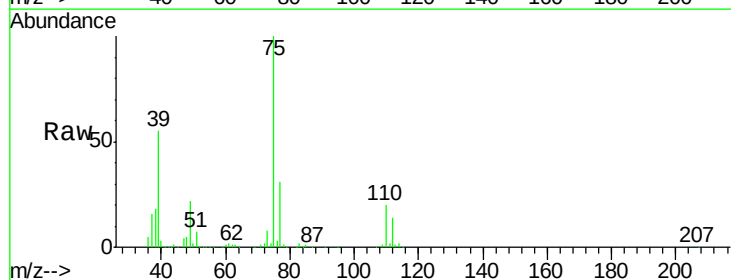
Acq: 21 Sep 2015 20:31

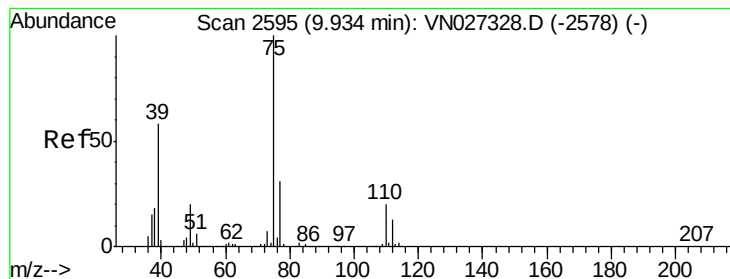
Tgt Ion: 75 Resp: 616876

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 48.84 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

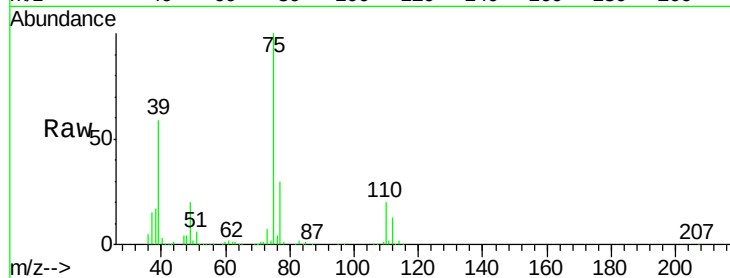
Tgt Ion: 75 Resp: 673998

Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4

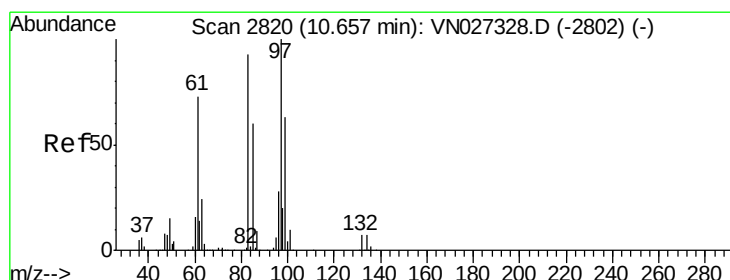
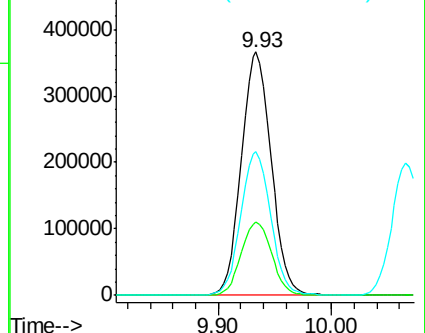
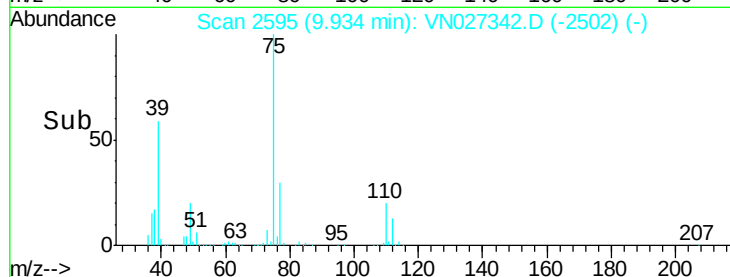
39 58.8 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VN027342.D (-2502) (-)

Ion 76.90 (76.60 to 77.60): VN027342.D (-2502) (-)

Ion 39.00 (38.70 to 39.70): VN027342.D (-2502) (-)



#56

1,1,2-Trichloroethane

Concen: 49.19 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Tgt Ion: 97 Resp: 358437

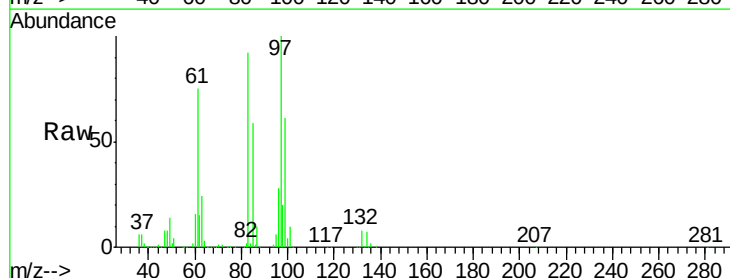
Ion Ratio Lower Upper

97 100

83 91.9 75.0 112.4

85 59.3 48.0 72.0

99 61.4 50.3 75.5

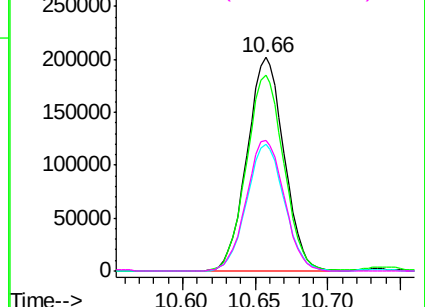
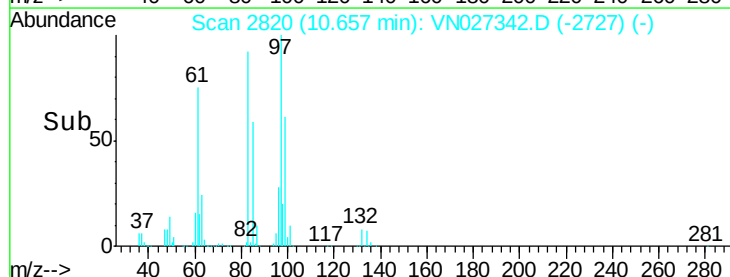


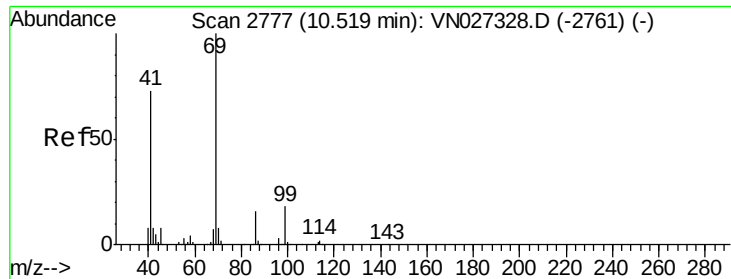
Abundance Ion 96.90 (96.60 to 97.60): VN027342.D (-2727) (-)

Ion 82.90 (82.60 to 83.60): VN027342.D (-2727) (-)

Ion 84.90 (84.60 to 85.60): VN027342.D (-2727) (-)

Ion 98.90 (98.60 to 99.60): VN027342.D (-2727) (-)





#57

Ethyl methacrylate

Concen: 50.25 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

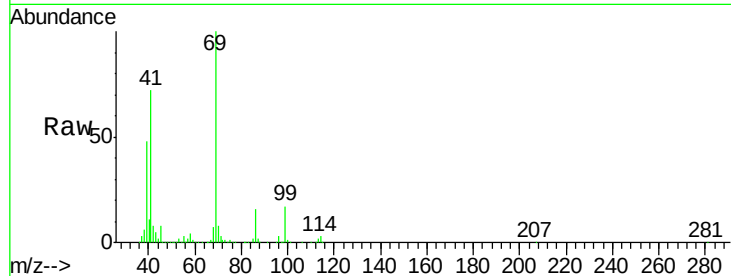
Tgt Ion: 69 Resp: 581089

Ion Ratio Lower Upper

69 100

41 70.4 61.3 91.9

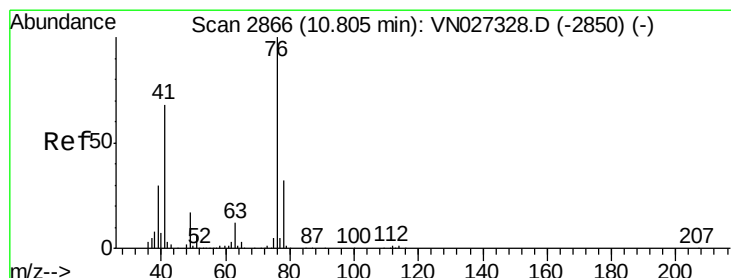
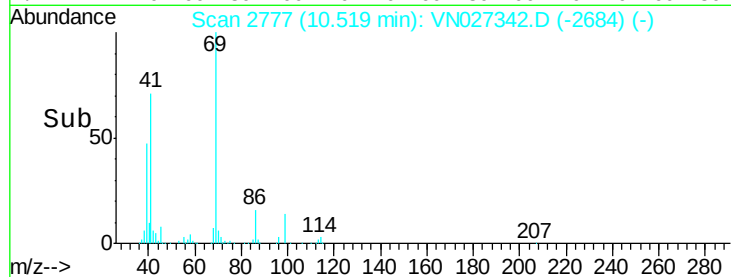
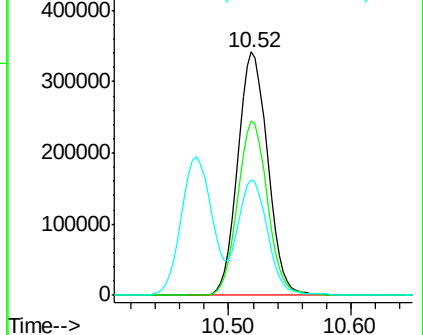
39 47.5 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

1,3-Dichloropropane

Concen: 49.13 ug/l

RT: 10.80 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VN027342.D

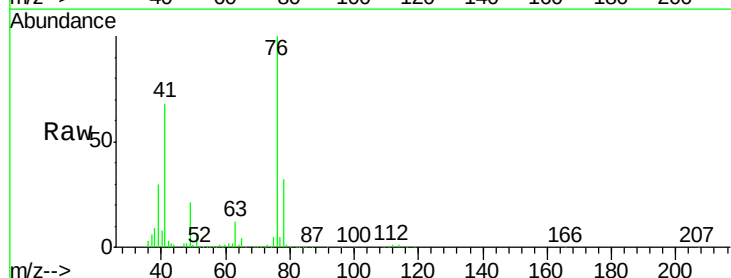
Acq: 21 Sep 2015 20:31

Tgt Ion: 76 Resp: 659915

Ion Ratio Lower Upper

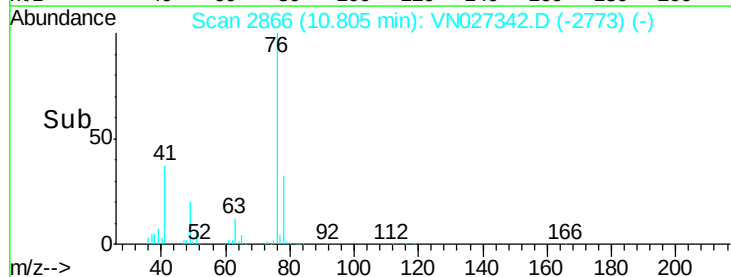
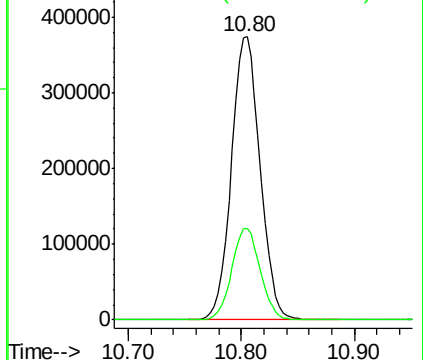
76 100

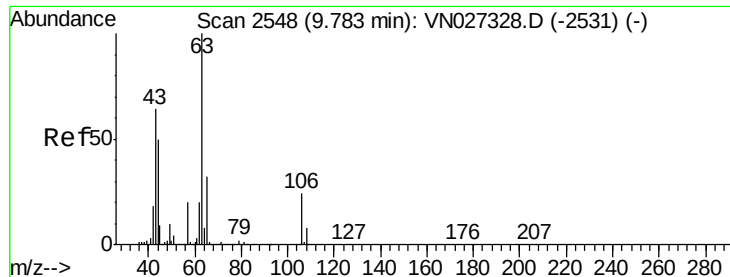
78 32.1 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

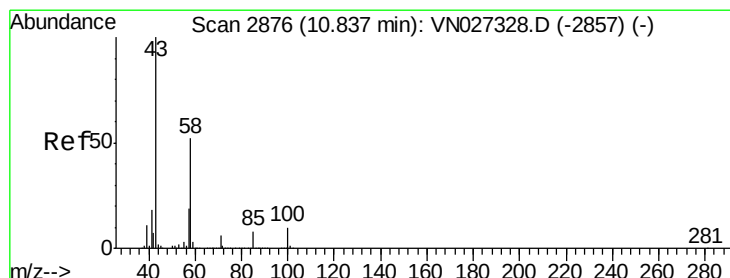
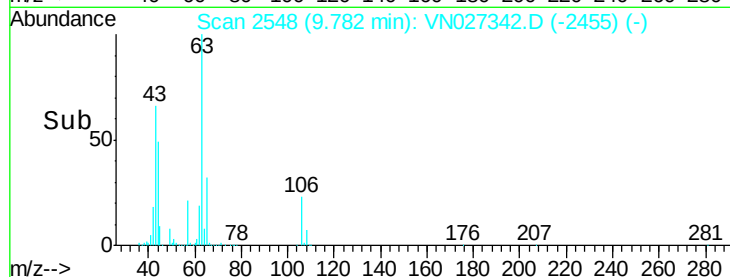
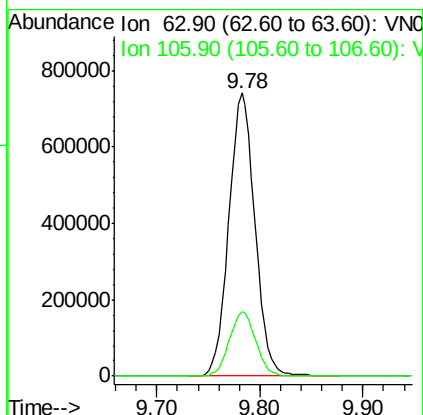
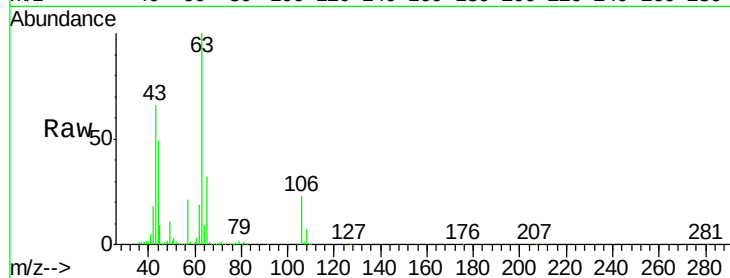




#59
 2-Chloroethyl Vinyl ether
 Concen: 254.70 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

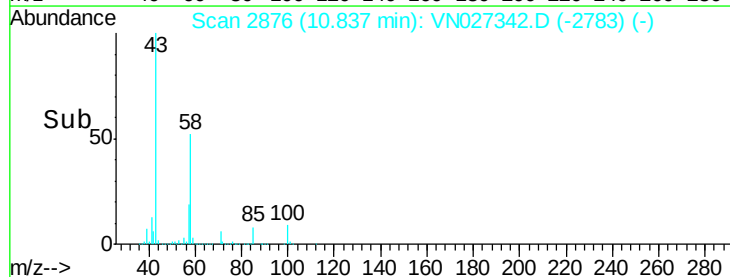
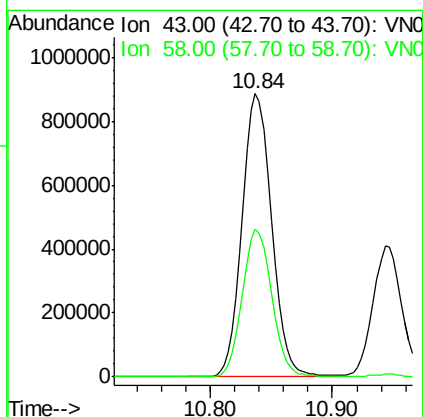
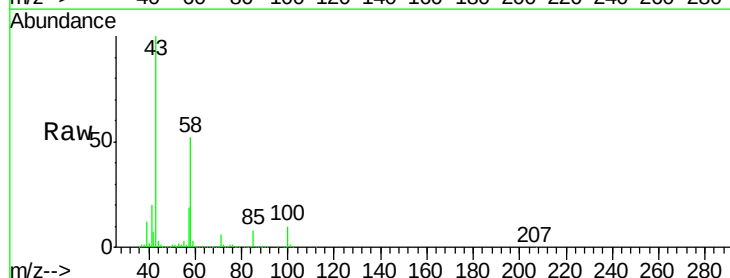
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

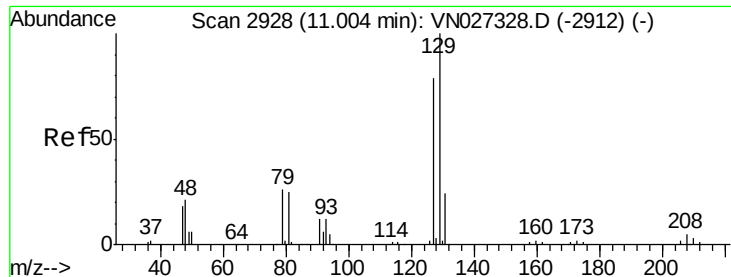
Tgt Ion: 63 Resp: 1305373
 Ion Ratio Lower Upper
 63 100
 106 23.1 17.7 26.5



#60
 2-Hexanone
 Concen: 251.36 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 43 Resp: 1475872
 Ion Ratio Lower Upper
 43 100
 58 52.1 26.2 78.5





#61

Dibromochloromethane

Concen: 49.84 ug/l

RT: 11.00 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

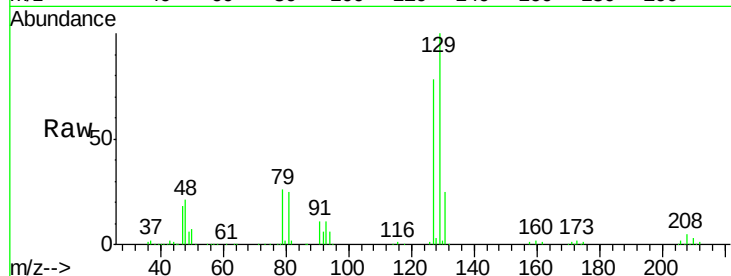
VSTDCCC050EC

Tgt Ion:129 Resp: 355700

Ion Ratio Lower Upper

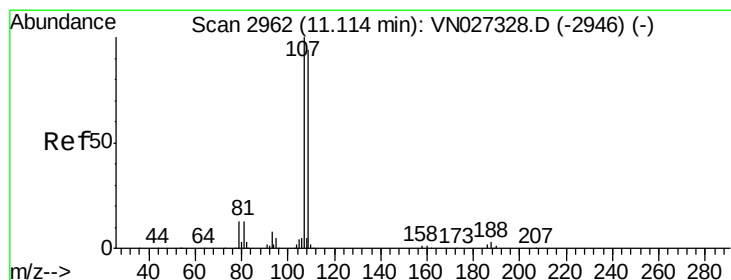
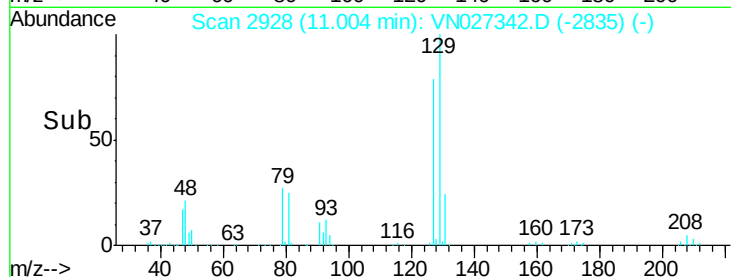
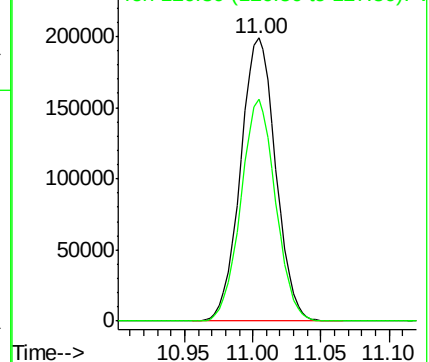
129 100

127 77.4 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

1,2-Dibromoethane

Concen: 49.09 ug/l

RT: 11.11 min Scan# 2962

Delta R.T. -0.00 min

Lab File: VN027342.D

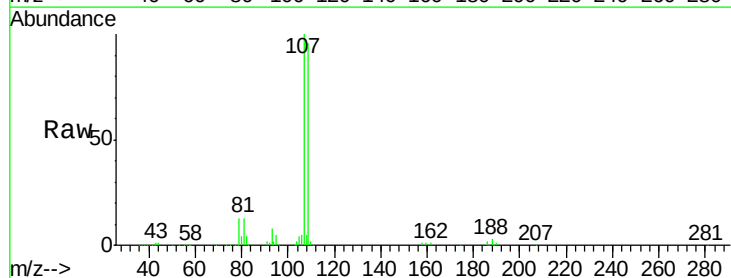
Acq: 21 Sep 2015 20:31

Tgt Ion:107 Resp: 340189

Ion Ratio Lower Upper

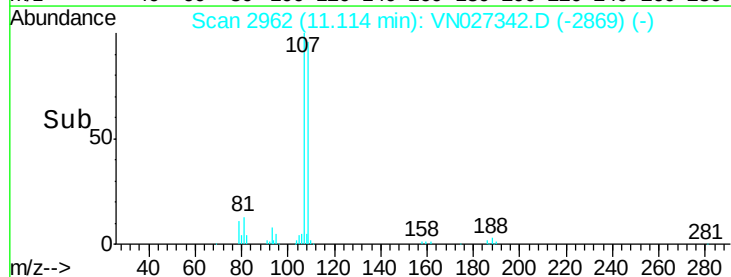
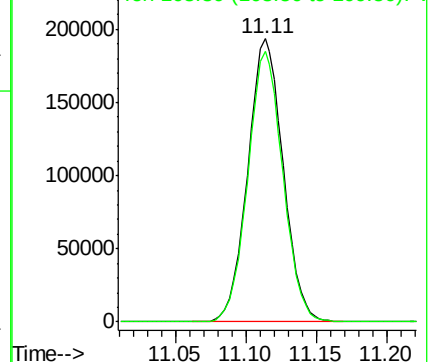
107 100

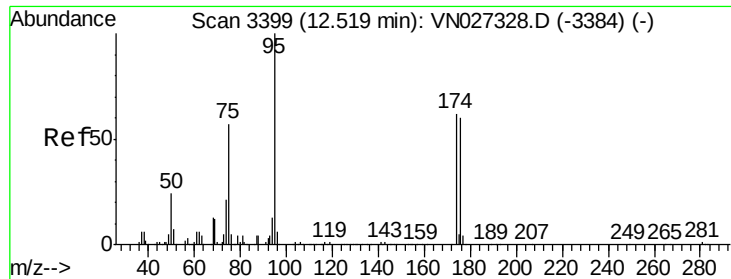
109 94.8 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

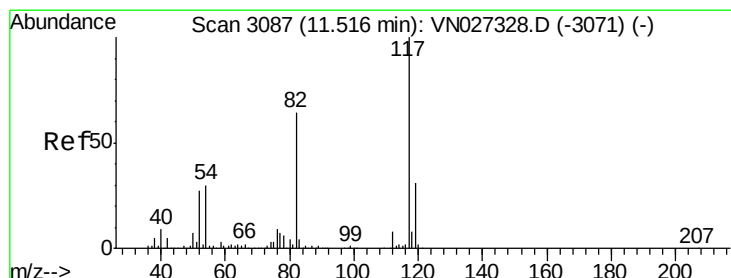
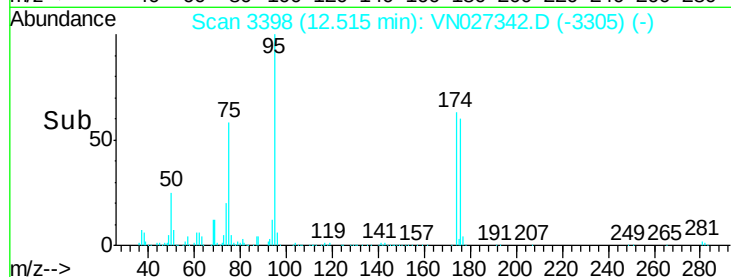
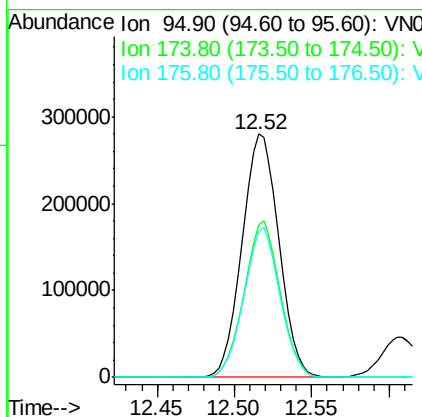
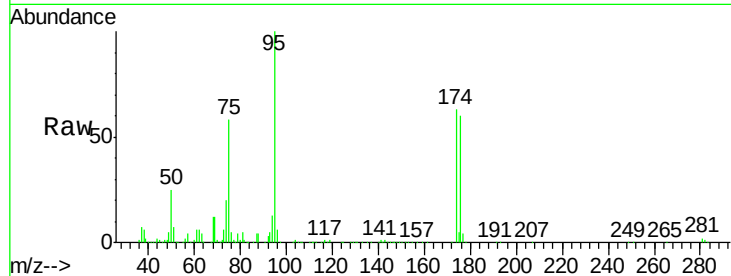




#63
4-Bromofluorobenzene
Concen: 47.91 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

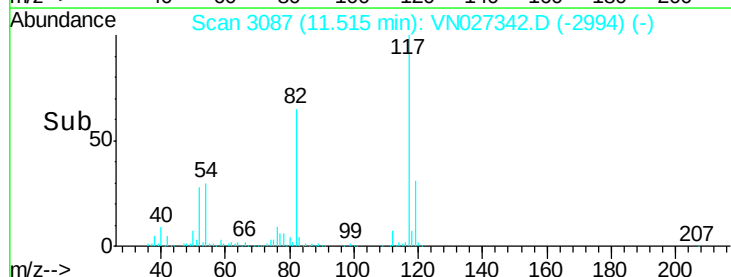
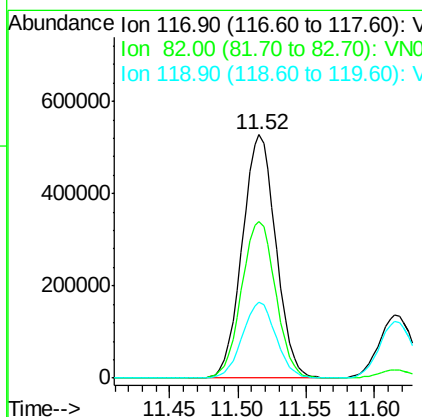
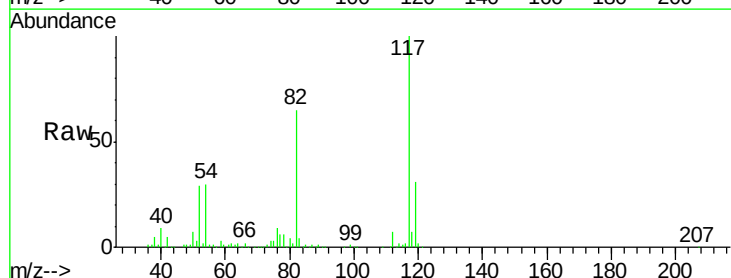
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

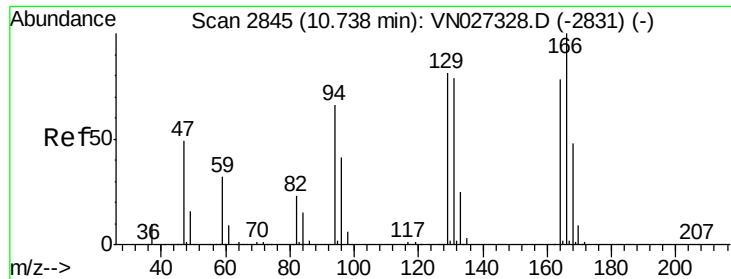
Tgt Ion: 95 Resp: 463706
Ion Ratio Lower Upper
95 100
174 62.8 0.0 137.0
176 60.2 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion: 117 Resp: 902793
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 31.0 24.6 36.8

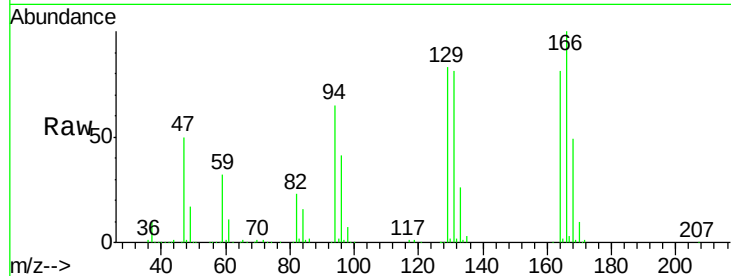




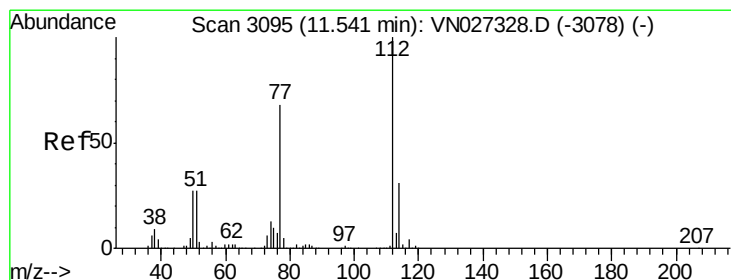
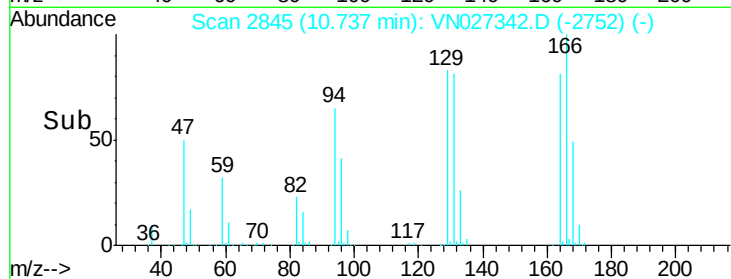
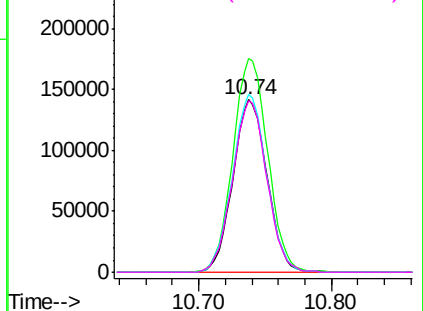
#65
Tetrachloroethene
Concen: 47.16 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:164 Resp: 253425
Ion Ratio Lower Upper
164 100
166 123.9 103.4 155.0
129 103.0 77.5 116.3
131 99.8 74.2 111.4

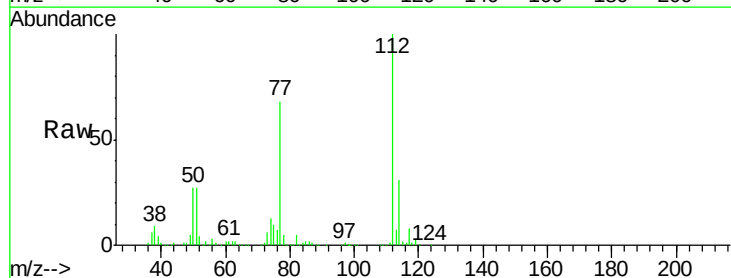


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

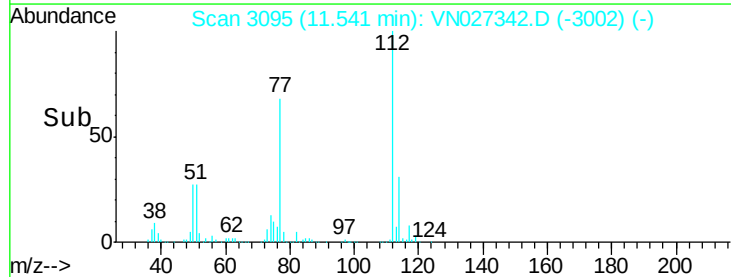
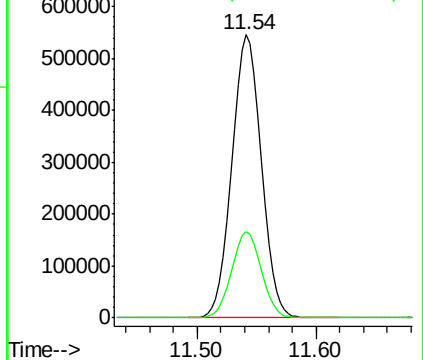


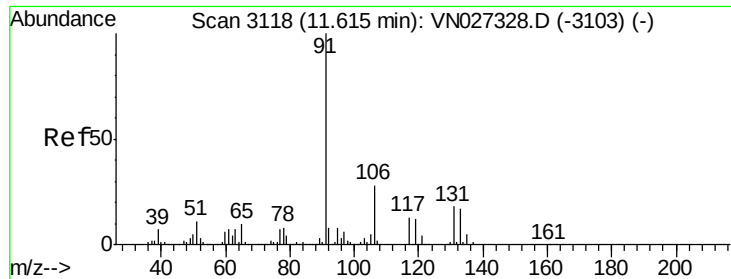
#66
Chlorobenzene
Concen: 48.30 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion:112 Resp: 934930
Ion Ratio Lower Upper
112 100
114 30.7 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: 49.51 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

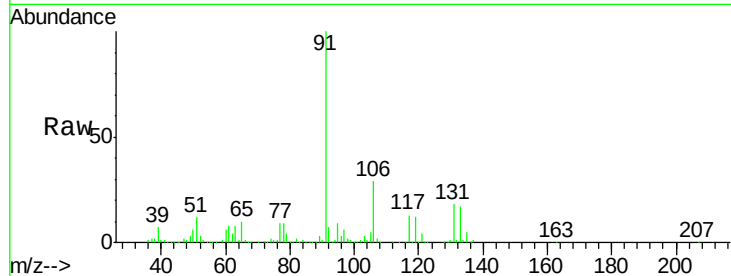
Tgt Ion:131 Resp: 321562

Ion Ratio Lower Upper

131 100

133 93.9 47.0 141.2

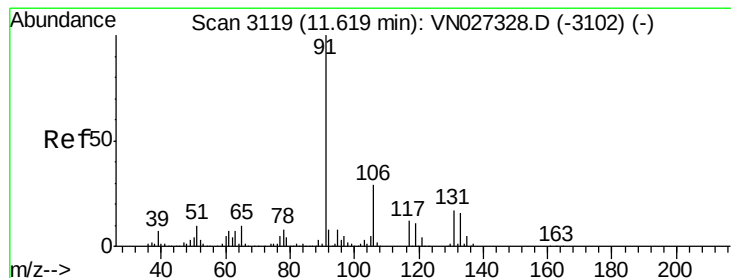
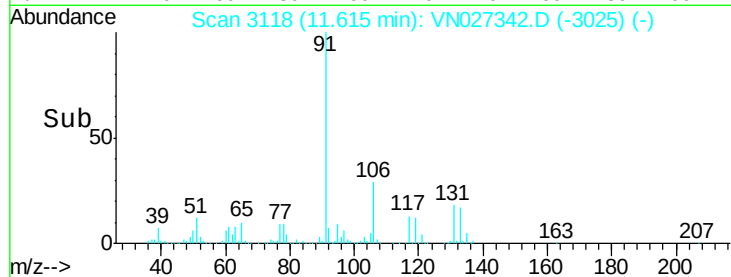
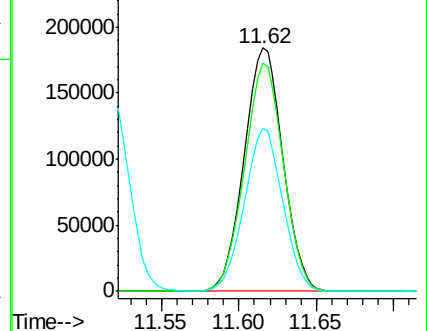
119 66.1 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 48.79 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN027342.D

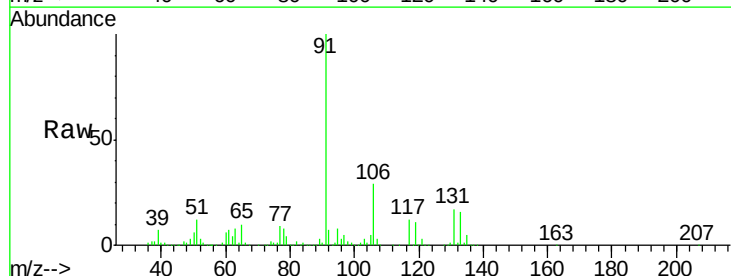
Acq: 21 Sep 2015 20:31

Tgt Ion: 91 Resp: 1781319

Ion Ratio Lower Upper

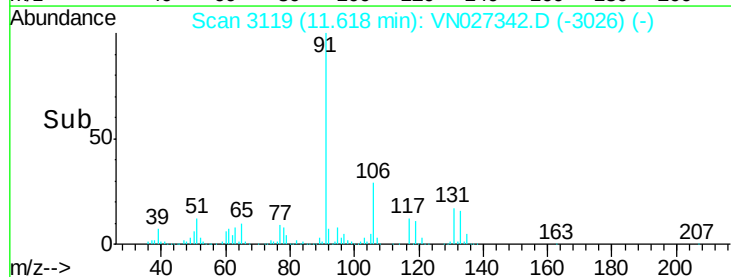
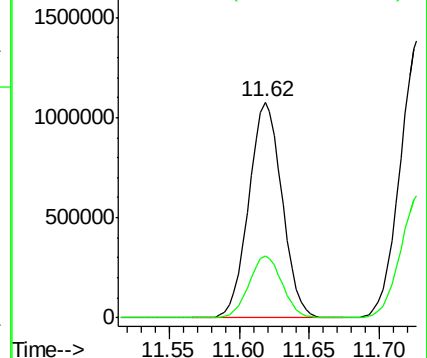
91 100

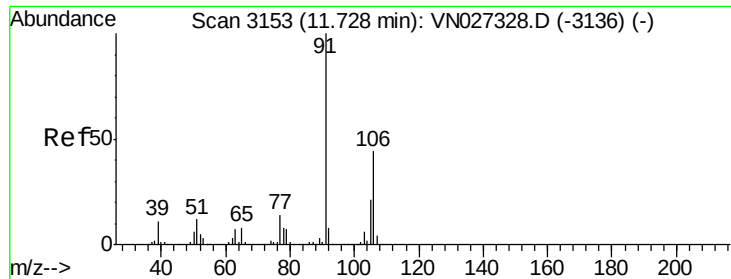
106 28.6 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

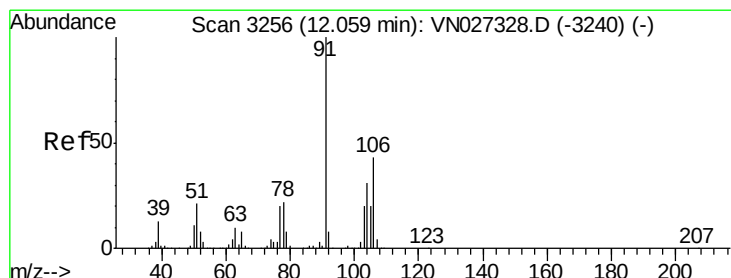
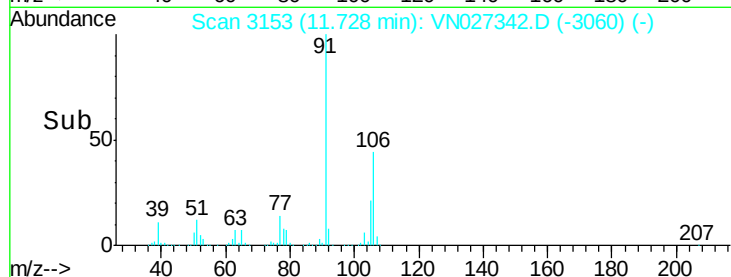
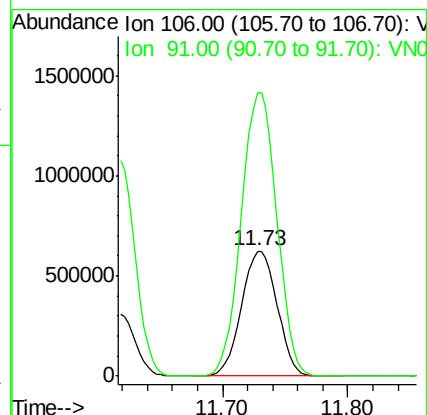
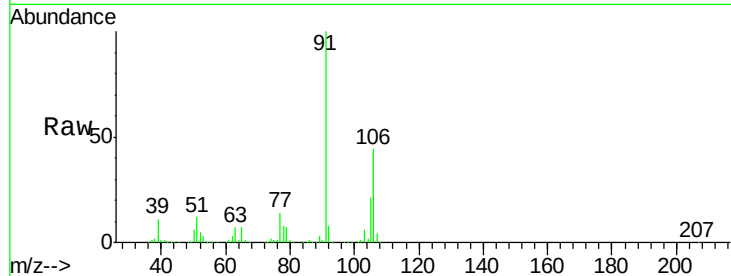




#69
m/p-Xylenes
Concen: 97.24 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

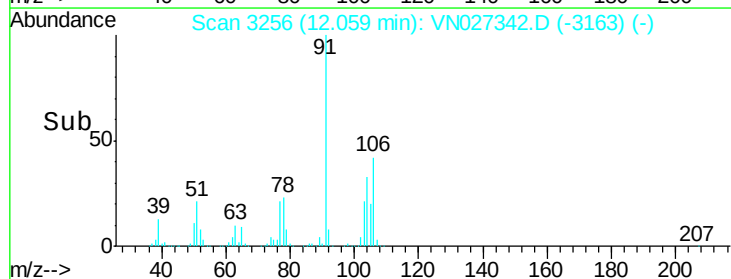
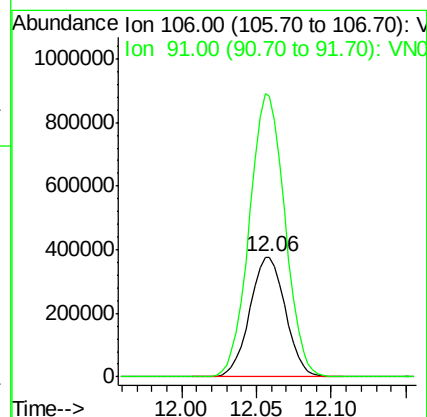
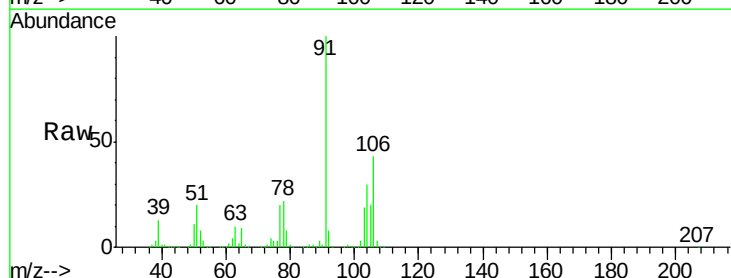
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

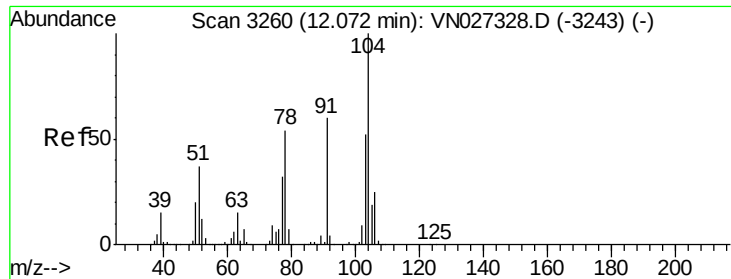
Tgt Ion:106 Resp: 1230792
Ion Ratio Lower Upper
106 100
91 226.5 167.1 250.7



#70
o-Xylene
Concen: 48.88 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion:106 Resp: 625148
Ion Ratio Lower Upper
106 100
91 234.8 110.7 331.9





#71

Styrene

Concen: 50.12 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

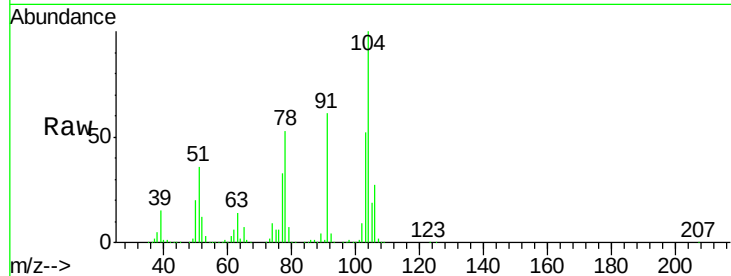
Tgt Ion:104 Resp: 1020580

Ion Ratio Lower Upper

104 100

78 58.8 41.6 62.4

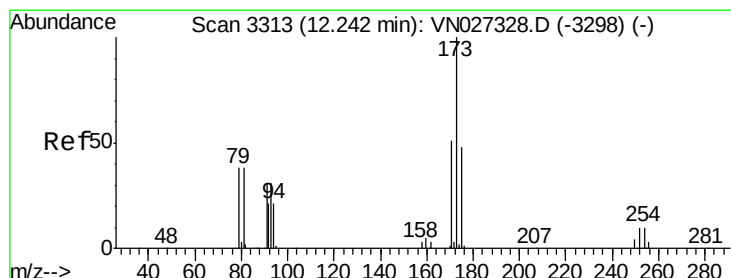
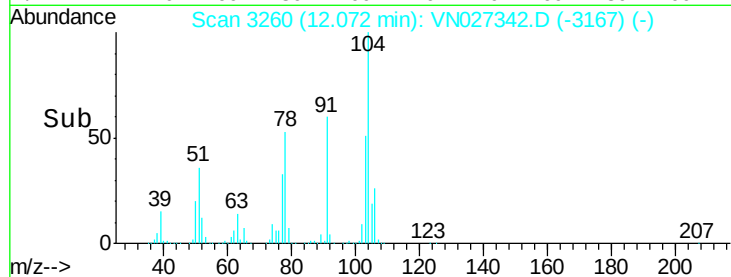
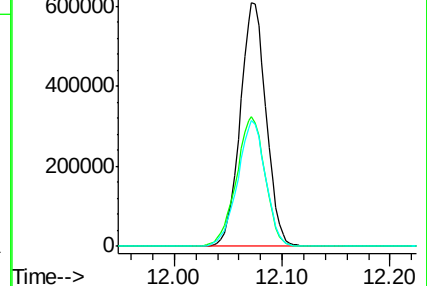
103 55.5 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 49.07 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

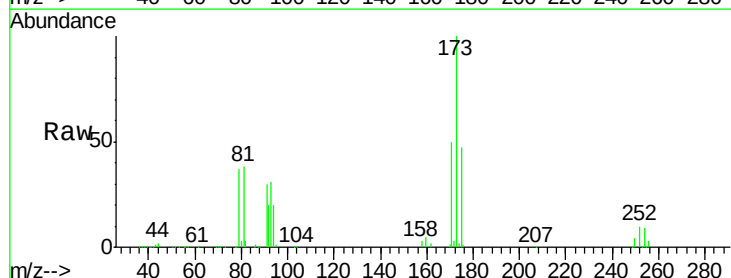
Tgt Ion:173 Resp: 213820

Ion Ratio Lower Upper

173 100

175 47.4 24.4 73.4

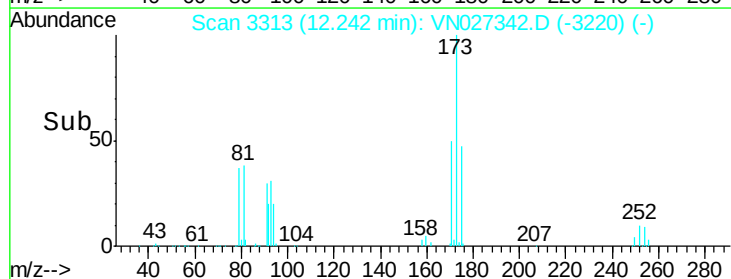
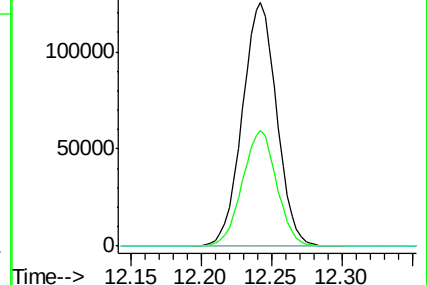
254 0.0 0.1 0.1#

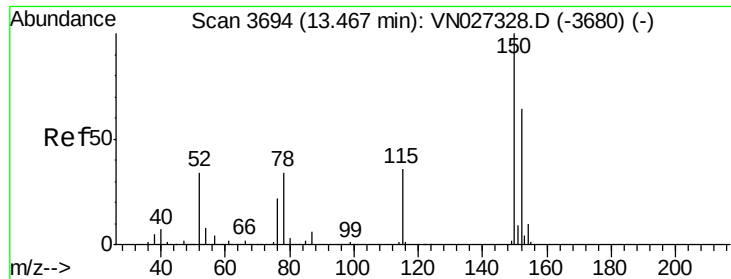


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

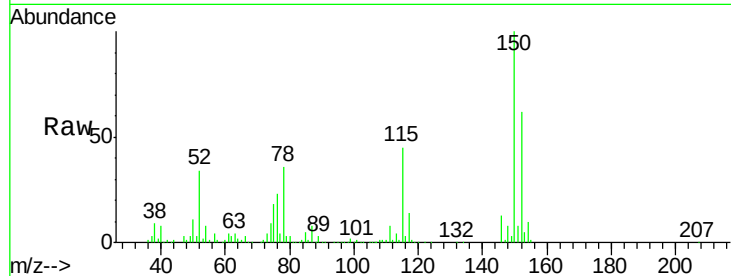
Tgt Ion:152 Resp: 351572

Ion Ratio Lower Upper

152 100

115 69.9 30.8 92.3

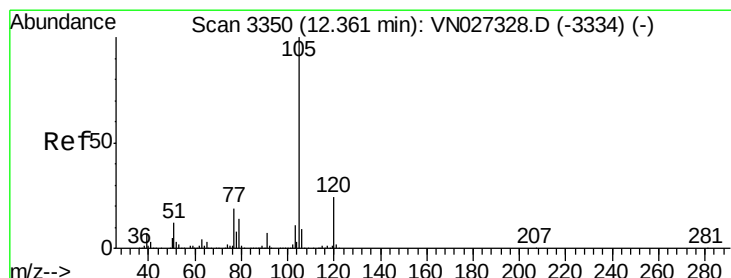
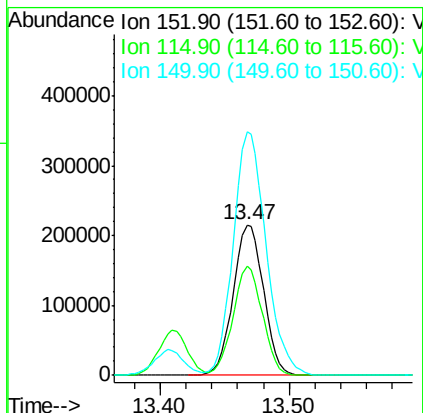
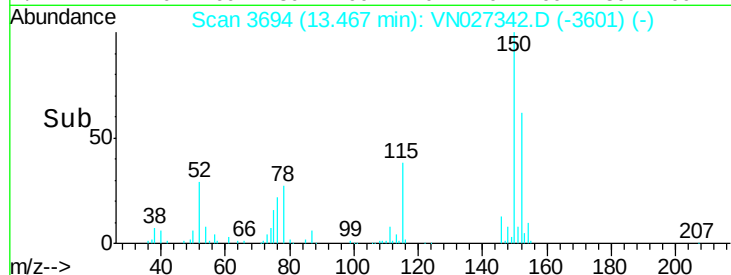
150 175.3 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

Isopropylbenzene

Concen: 47.65 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN027342.D

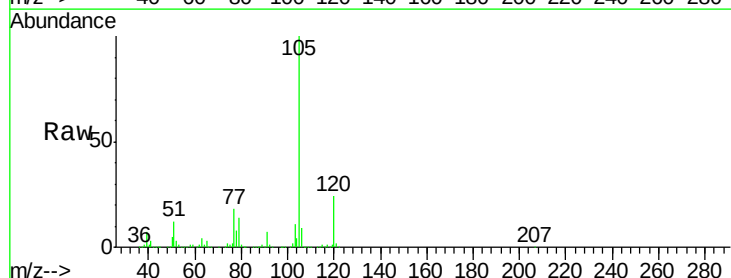
Acq: 21 Sep 2015 20:31

Tgt Ion:105 Resp: 1678103

Ion Ratio Lower Upper

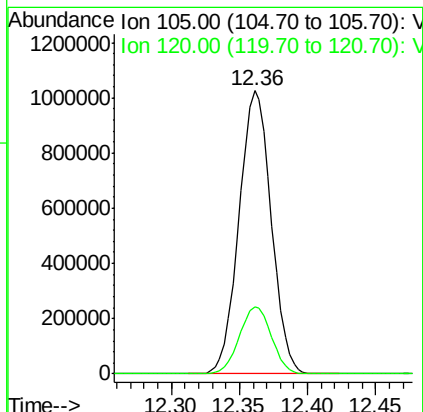
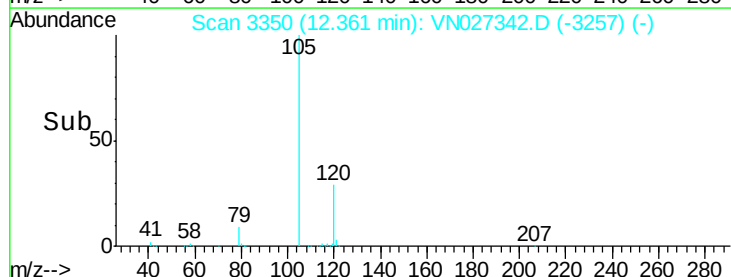
105 100

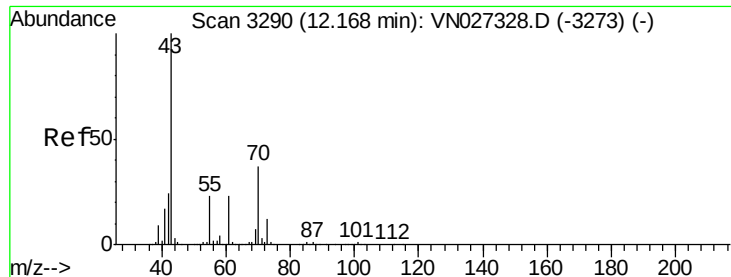
120 23.7 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-amyI acetate

Concen: 51.22 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 715745

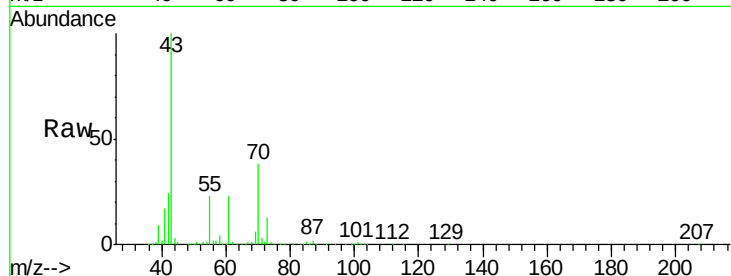
Ion Ratio Lower Upper

43 100

70 37.9 29.8 44.8

55 23.0 19.4 29.0

61 22.6 18.2 27.2

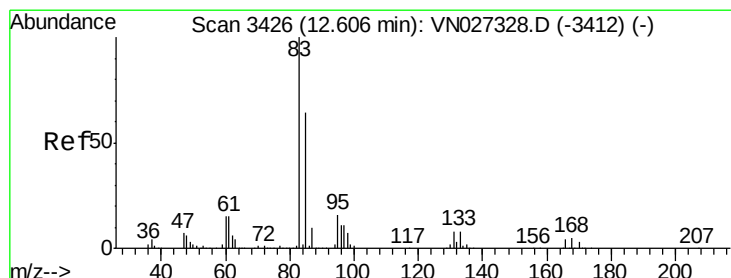
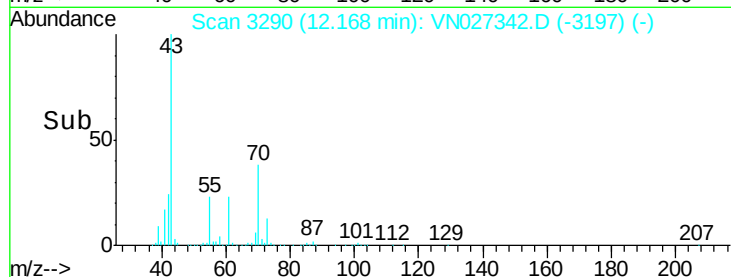
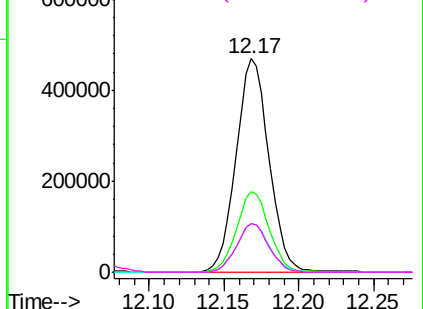


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,1,2,2-Tetrachloroethane

Concen: 47.82 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

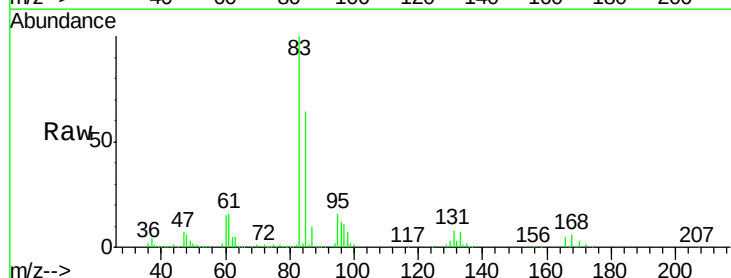
Tgt Ion: 83 Resp: 474055

Ion Ratio Lower Upper

83 100

131 8.3 4.1 12.3

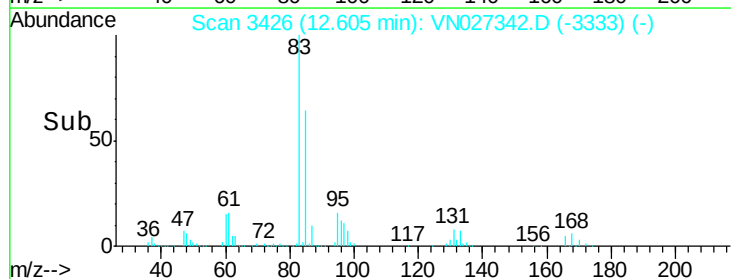
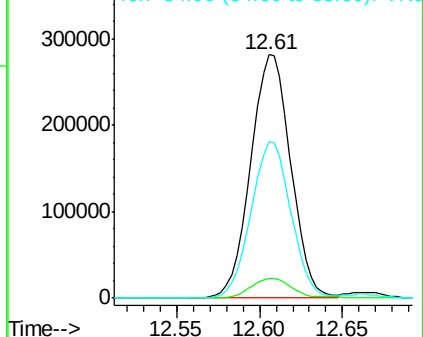
85 64.0 31.9 95.7

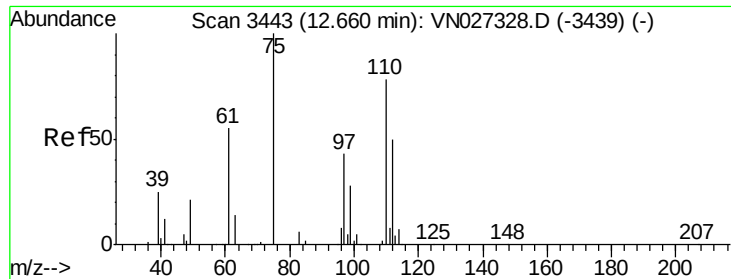


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 74.97 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

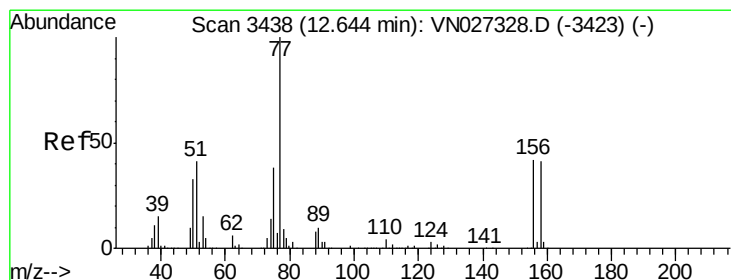
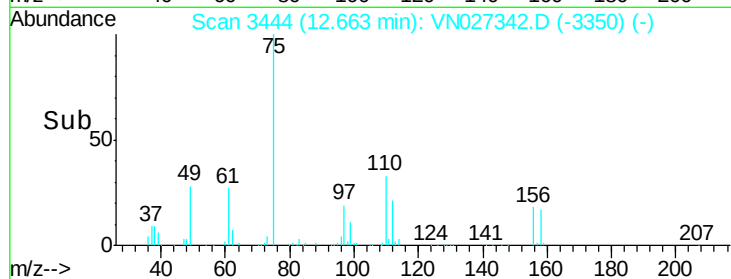
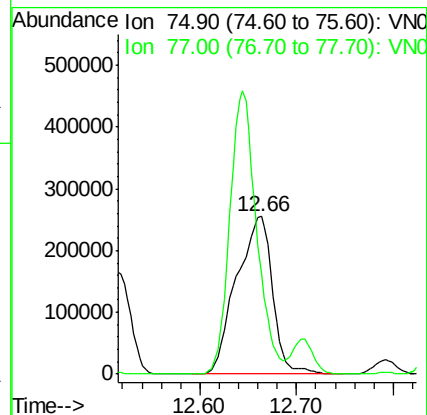
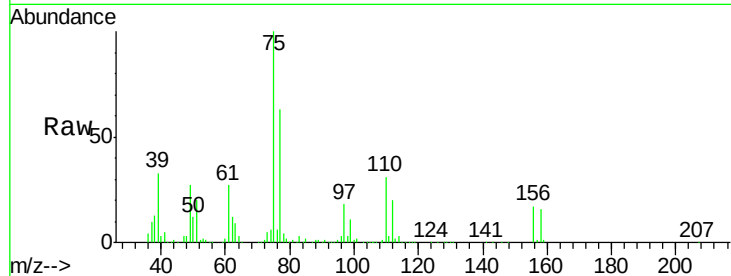
VSTDCCC050EC

Tgt Ion: 75 Resp: 661721

Ion Ratio Lower Upper

75 100

77 132.9 103.1 309.3



#78

Bromobenzene

Concen: 47.76 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

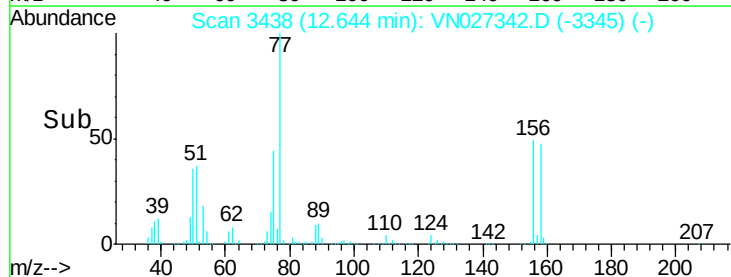
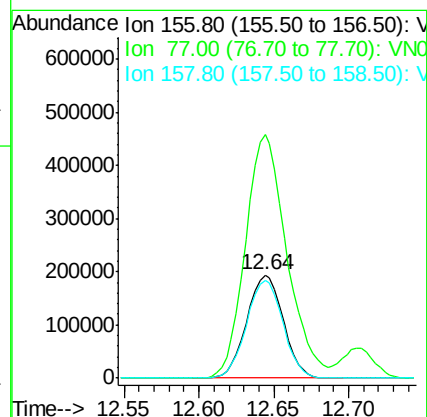
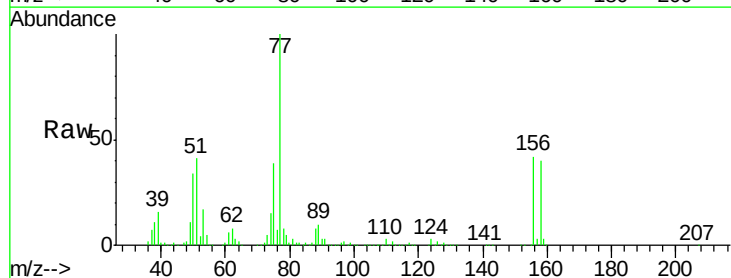
Tgt Ion: 156 Resp: 329154

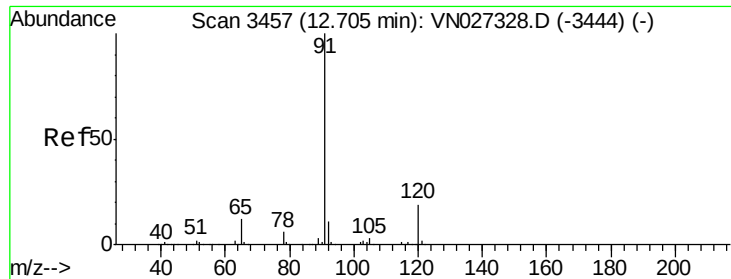
Ion Ratio Lower Upper

156 100

77 267.2 127.3 381.9

158 95.0 48.0 144.2





#79

n-propylbenzene

Concen: 47.84 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

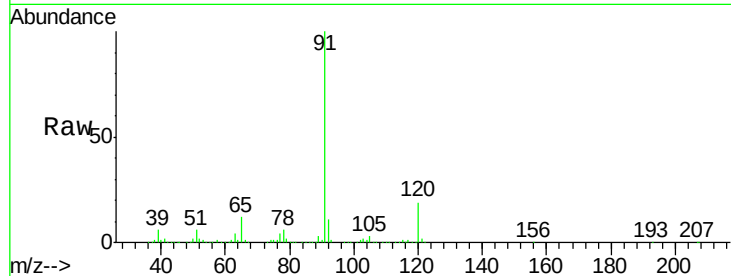
VSTDCCC050EC

Tgt Ion: 91 Resp: 2009690

Ion Ratio Lower Upper

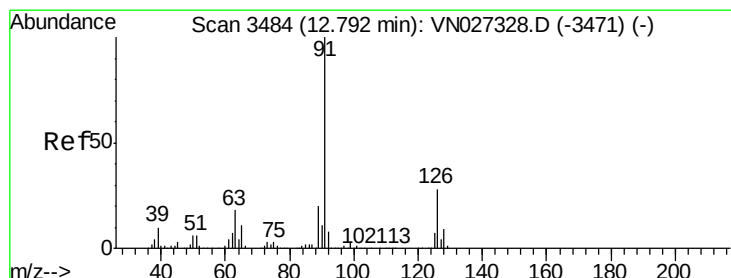
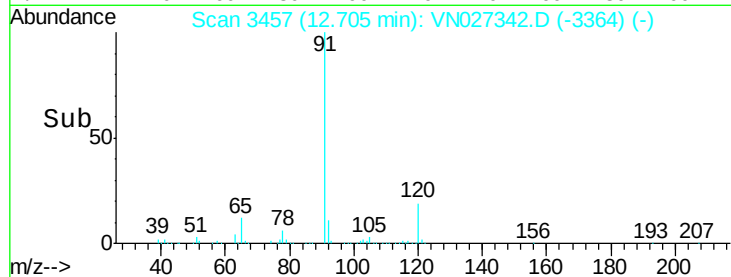
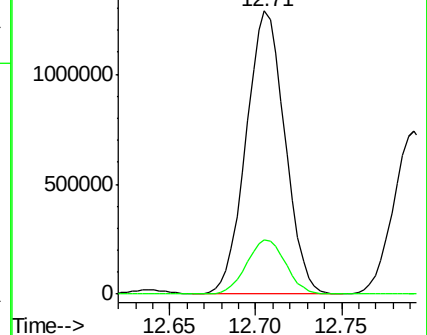
91 100

120 19.3 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: 47.09 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. -0.00 min

Lab File: VN027342.D

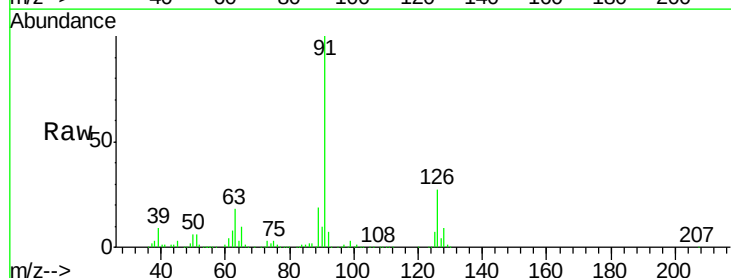
Acq: 21 Sep 2015 20:31

Tgt Ion: 91 Resp: 1209306

Ion Ratio Lower Upper

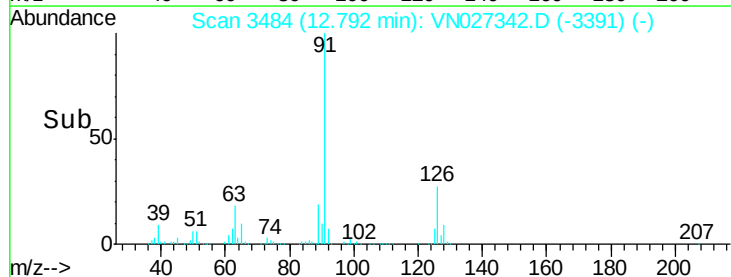
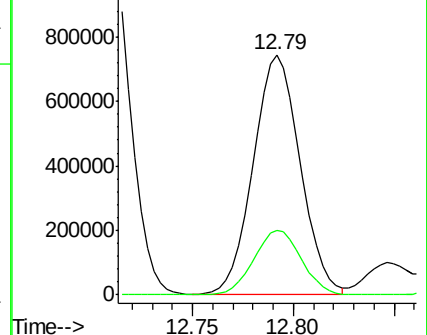
91 100

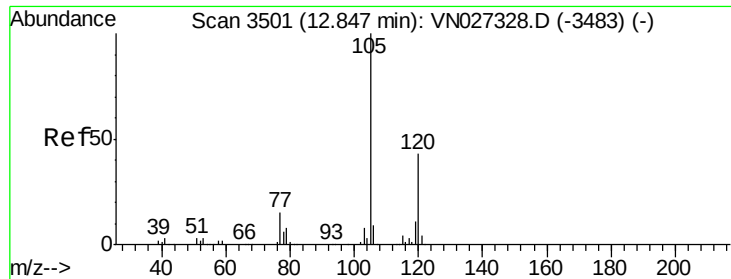
126 27.2 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

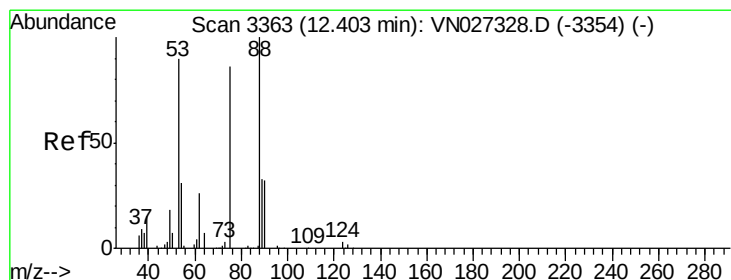
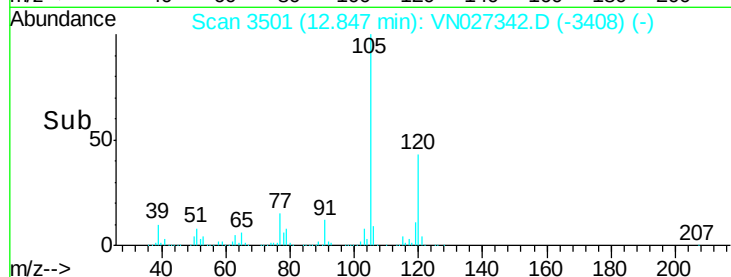
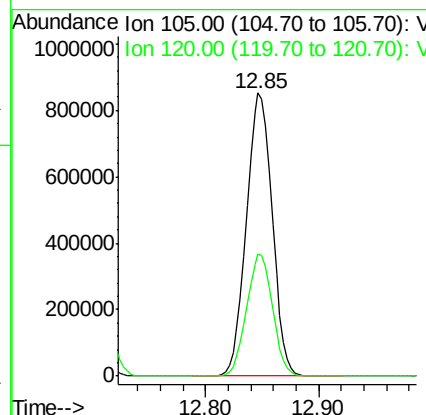
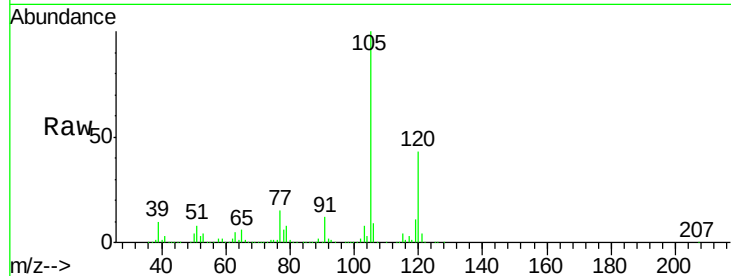




#81
 1,3,5-Trimethylbenzene
 Concen: 47.60 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

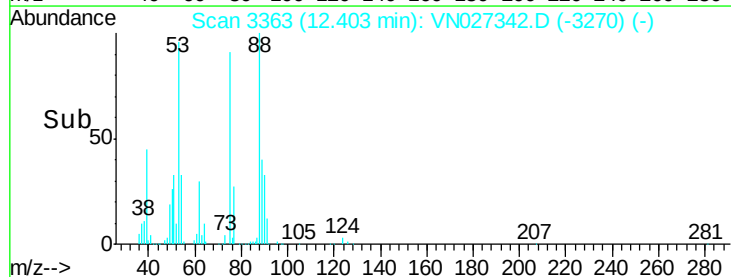
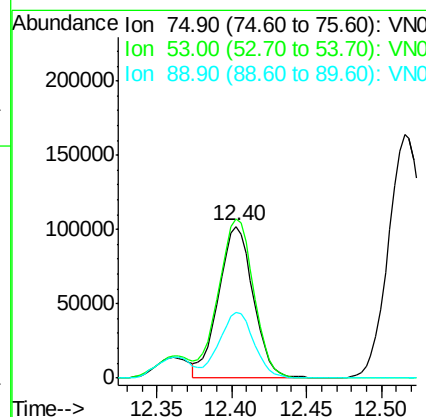
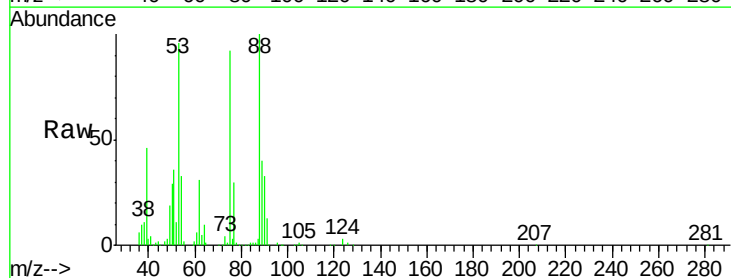
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

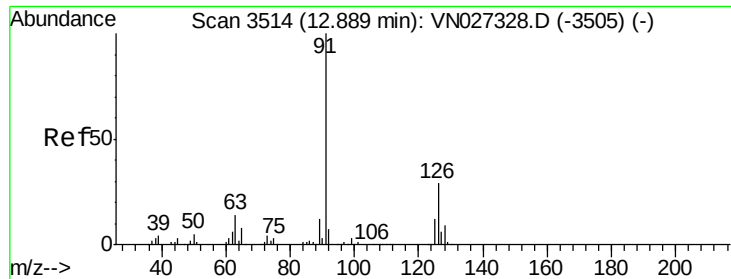
Tgt Ion:105 Resp: 1355089
 Ion Ratio Lower Upper
 105 100
 120 43.2 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 47.70 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 75 Resp: 164181
 Ion Ratio Lower Upper
 75 100
 53 106.5 92.9 139.3
 89 43.4 34.2 51.4

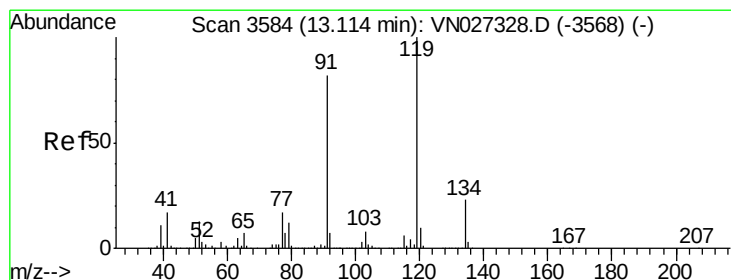
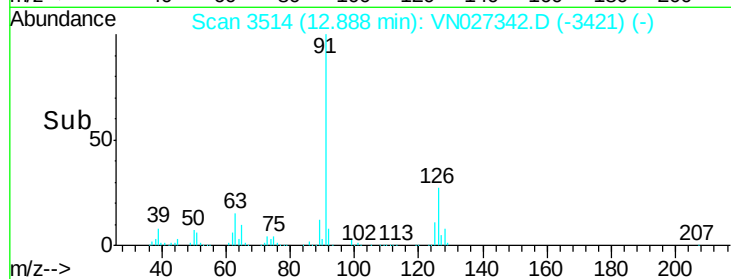
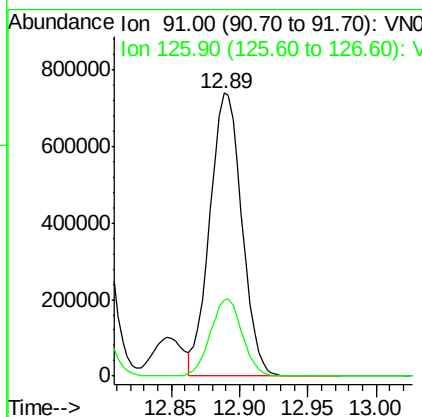
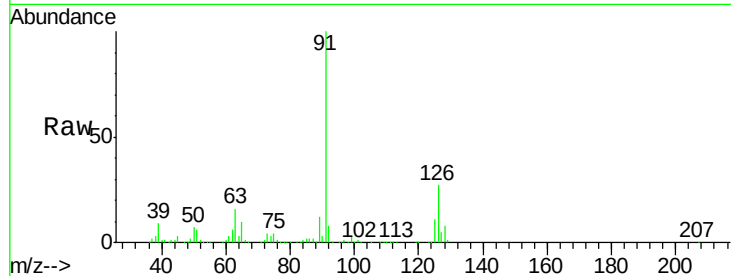




#83
4-Chlorotoluene
Concen: 47.94 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

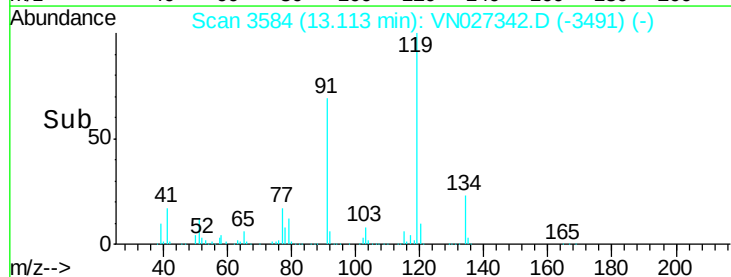
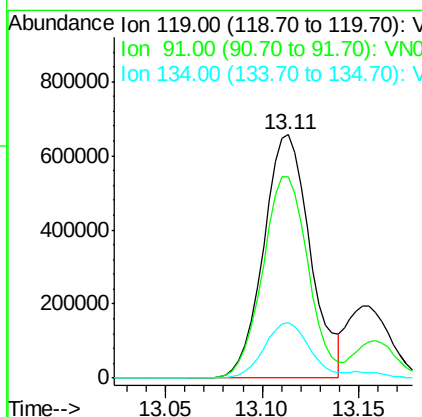
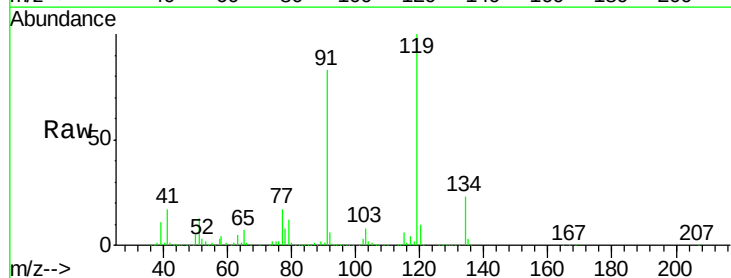
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

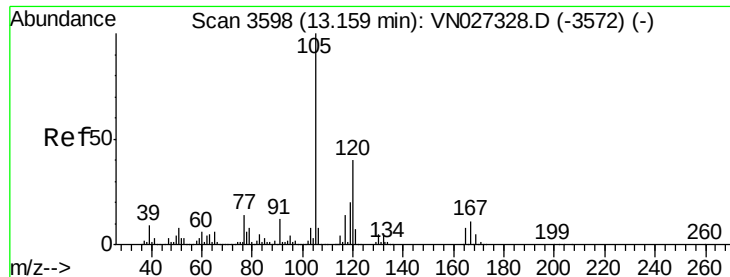
Tgt Ion: 91 Resp: 1201431
Ion Ratio Lower Upper
91 100
126 27.1 14.9 44.5



#84
tert-Butylbenzene
Concen: 47.90 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion: 119 Resp: 1099672
Ion Ratio Lower Upper
119 100
91 80.4 34.6 103.8
134 22.3 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 48.06 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

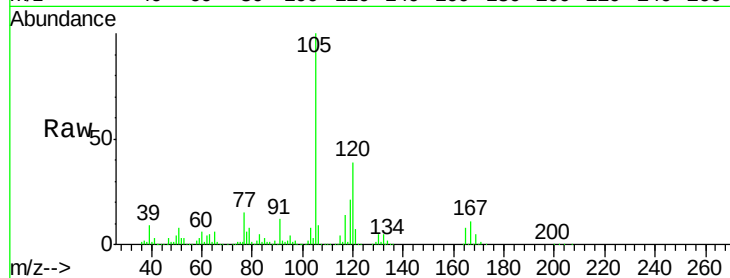
VSTDCCC050EC

Tgt Ion:105 Resp: 1360685

Ion Ratio Lower Upper

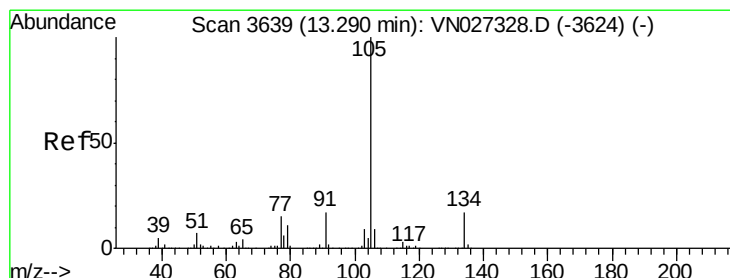
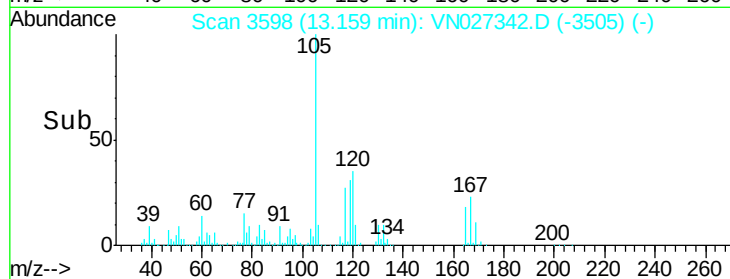
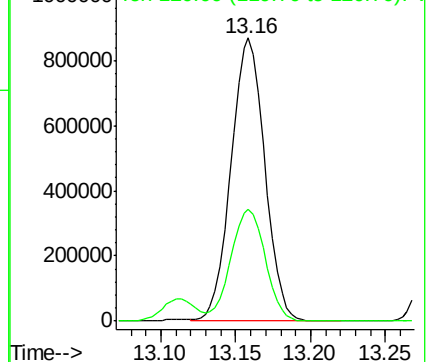
105 100

120 40.4 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

sec-Butylbenzene

Concen: 48.23 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027342.D

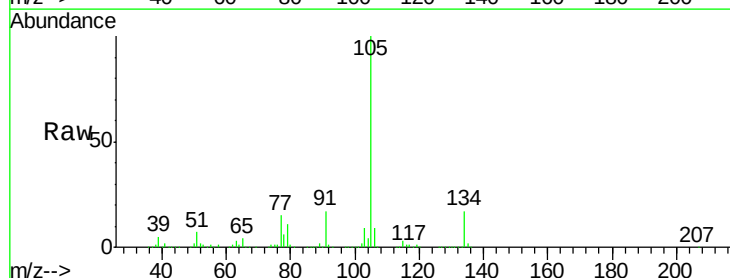
Acq: 21 Sep 2015 20:31

Tgt Ion:105 Resp: 1649251

Ion Ratio Lower Upper

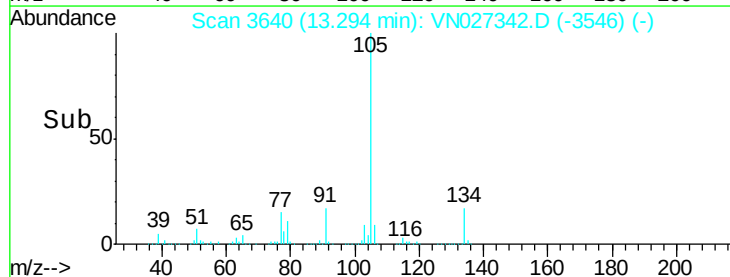
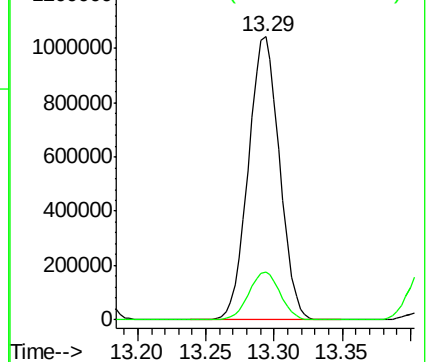
105 100

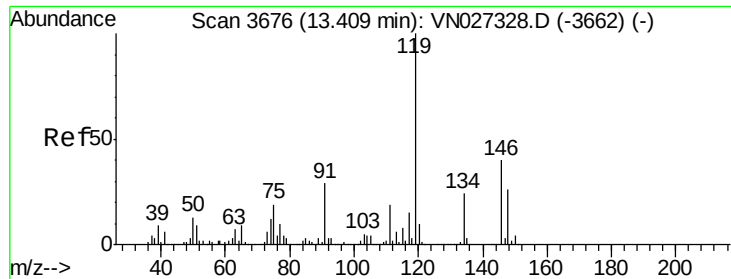
134 17.1 8.8 26.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

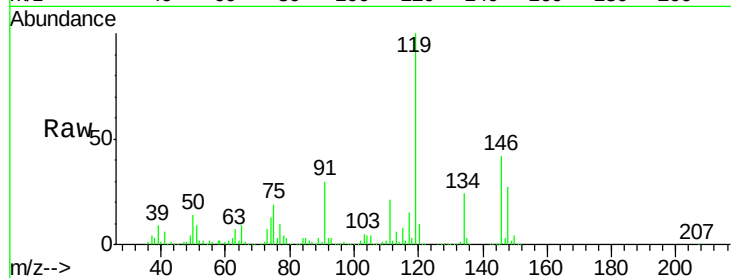




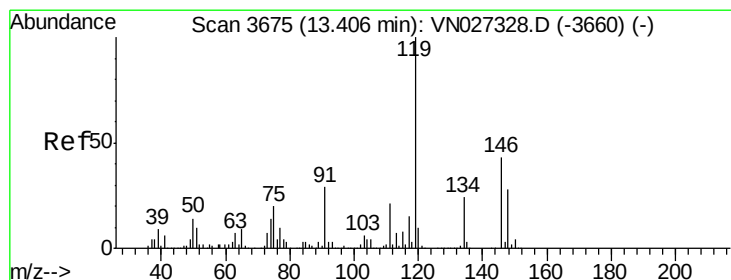
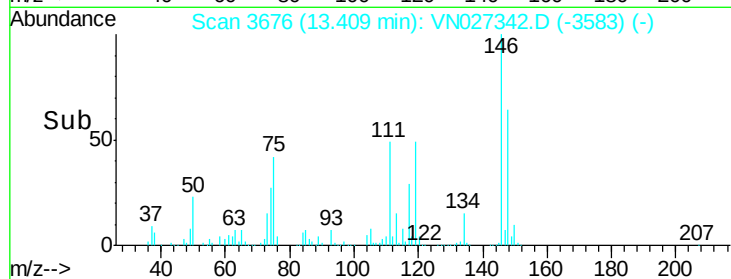
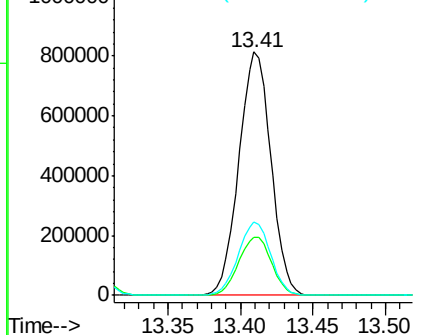
#87
 p-Isopropyltoluene
 Concen: 48.67 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 1247932
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.4 37.0
 91 30.2 12.0 36.1

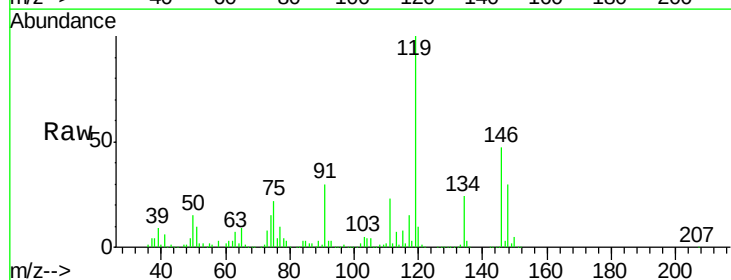


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

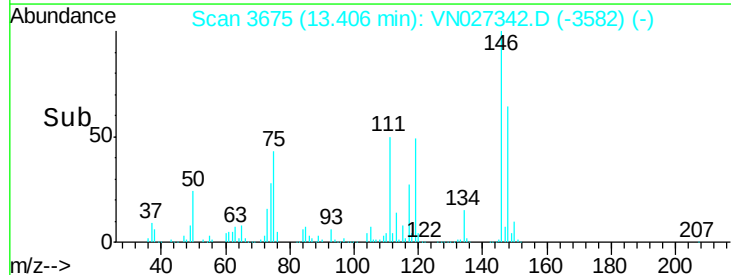
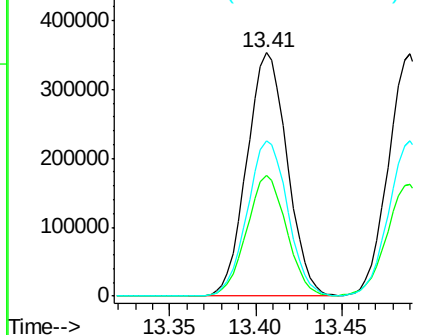


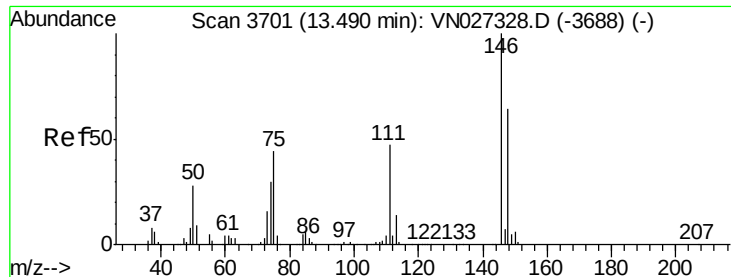
#88
 1,3-Dichlorobenzene
 Concen: 48.39 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion:146 Resp: 575441
 Ion Ratio Lower Upper
 146 100
 111 49.0 21.0 63.0
 148 64.0 31.9 95.9



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

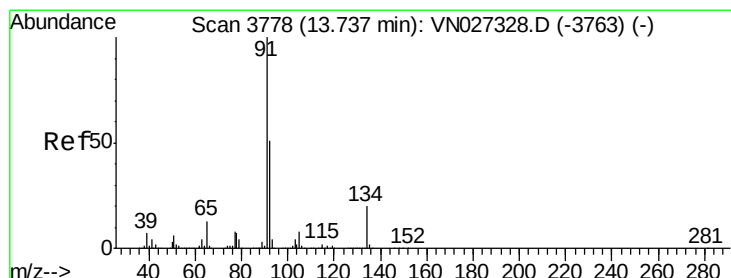
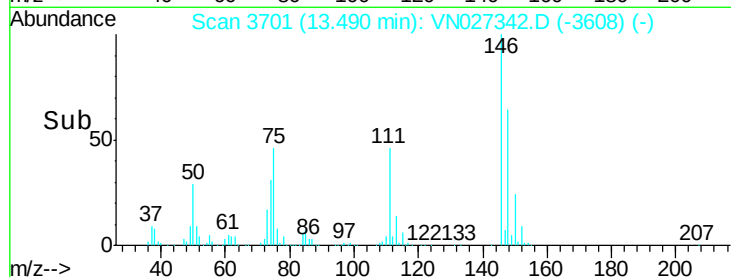
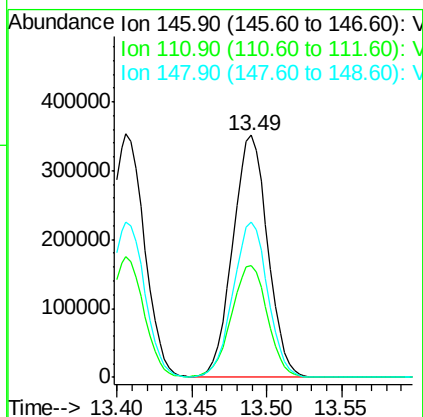
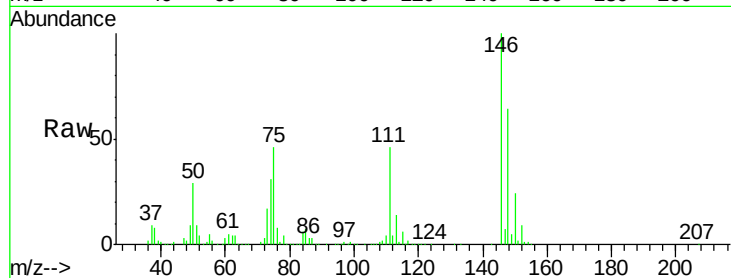




#89
 1,4-Dichlorobenzene
 Concen: 47.49 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

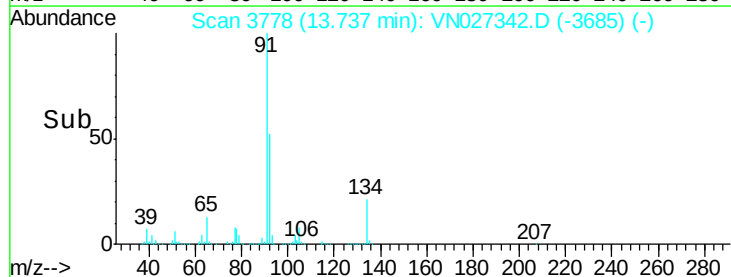
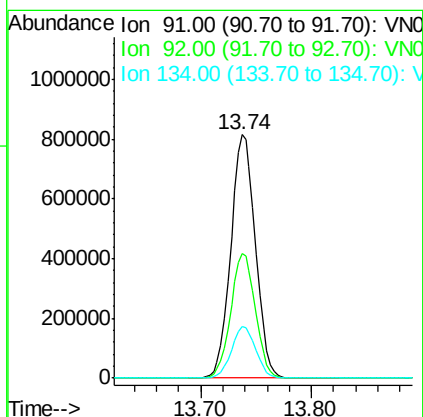
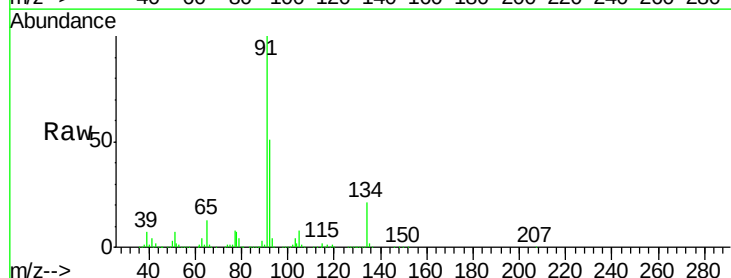
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

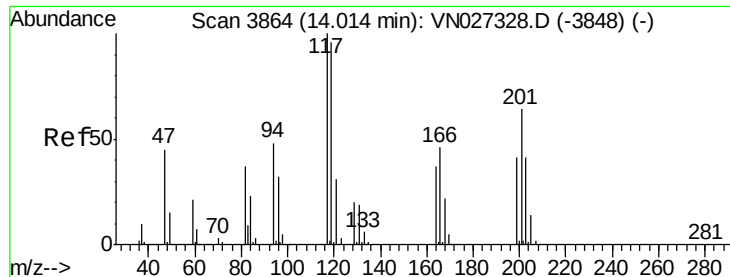
Tgt Ion: 146 Resp: 571572
 Ion Ratio Lower Upper
 146 100
 111 47.6 19.9 59.6
 148 63.9 31.7 95.1



#90
 n-Butylbenzene
 Concen: 49.05 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Tgt Ion: 91 Resp: 1255806
 Ion Ratio Lower Upper
 91 100
 92 51.3 26.1 78.2
 134 21.0 11.1 33.1

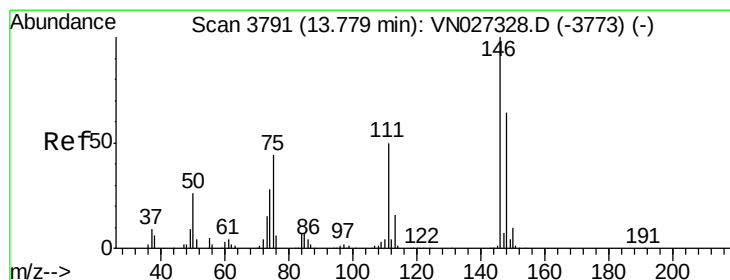
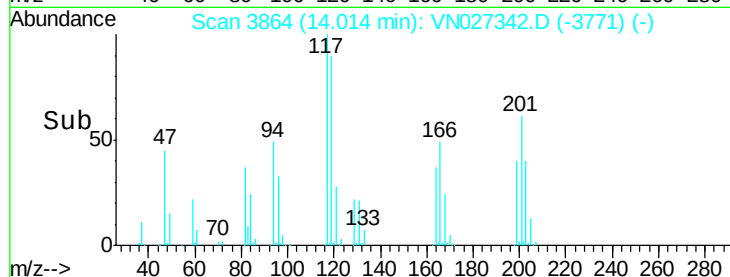
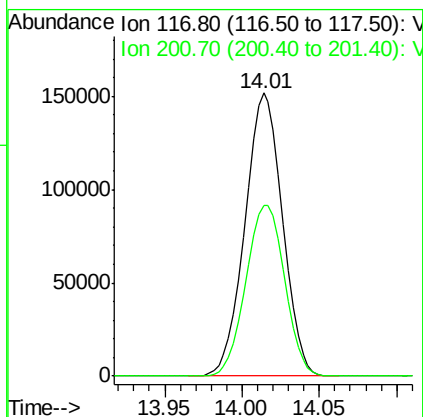
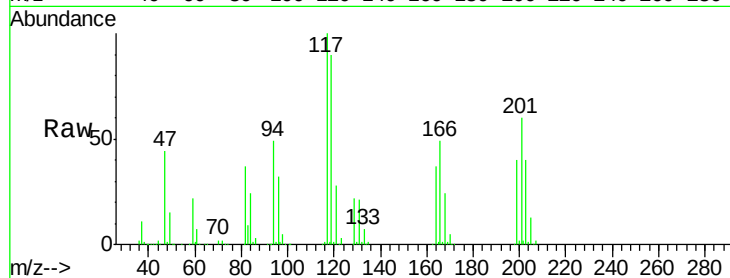




#91
Hexachloroethane
Concen: 46.72 ug/l
RT: 14.01 min Scan# 3864
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

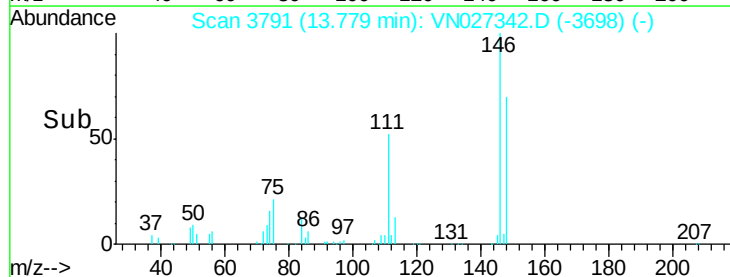
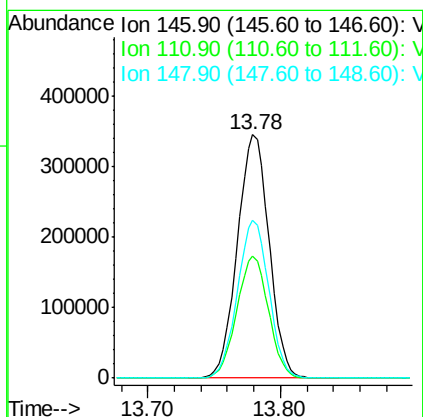
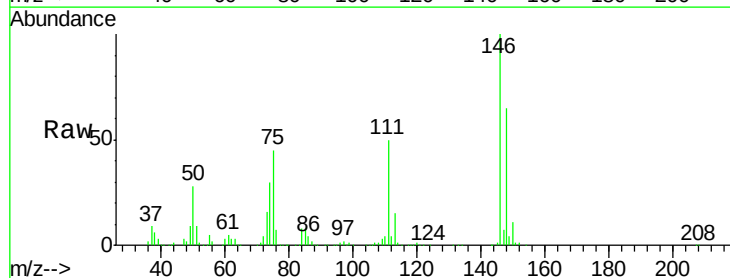
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

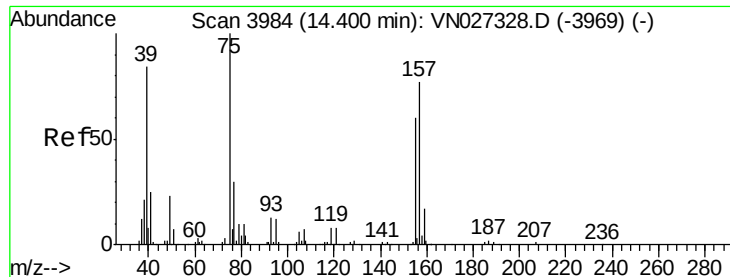
Tgt Ion:117 Resp: 256119
Ion Ratio Lower Upper
117 100
201 62.5 34.9 104.7



#92
1,2-Dichlorobenzene
Concen: 48.24 ug/l
RT: 13.78 min Scan# 3791
Delta R.T. -0.00 min
Lab File: VN027342.D
Acq: 21 Sep 2015 20:31

Tgt Ion:146 Resp: 573160
Ion Ratio Lower Upper
146 100
111 50.2 22.1 66.3
148 64.1 32.0 96.0





#93

1,2-Dibromo-3-Chloropropane

Concen: 49.26 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

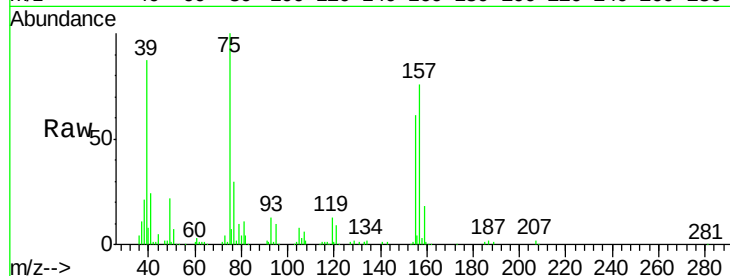
Tgt Ion: 75 Resp: 95705

Ion Ratio Lower Upper

75 100

155 57.6 35.6 106.9

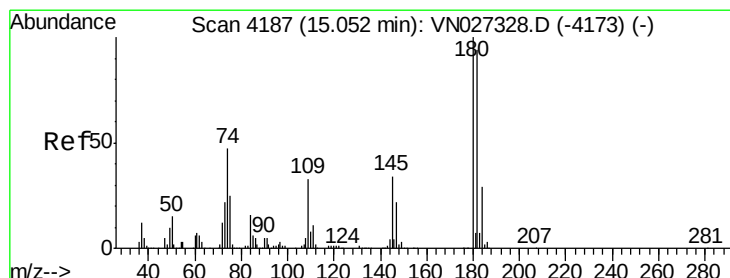
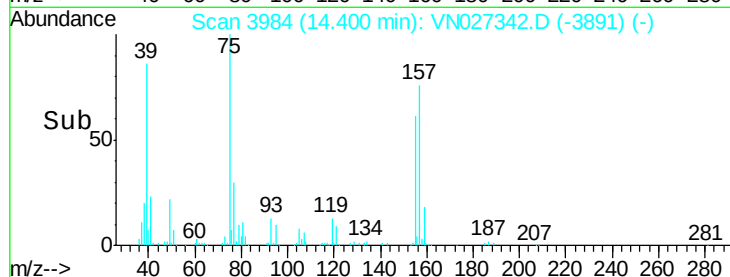
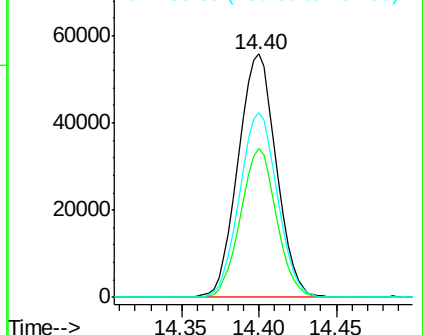
157 75.1 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN027342.D (-4094) (-)

Ion 154.80 (154.50 to 155.50): VN027342.D (-4094) (-)

Ion 156.80 (156.50 to 157.50): VN027342.D (-4094) (-)



#94

1,2,4-Trichlorobenzene

Concen: 51.40 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

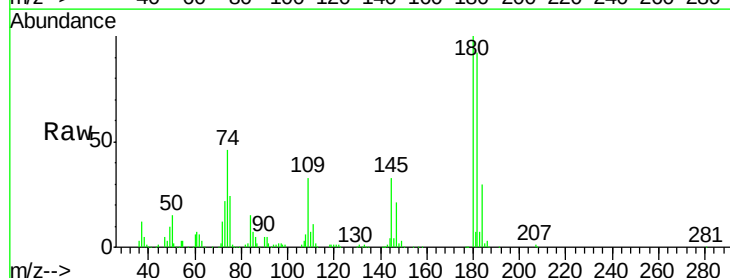
Tgt Ion: 180 Resp: 315584

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

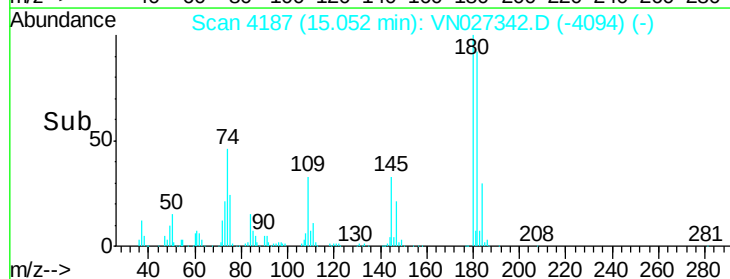
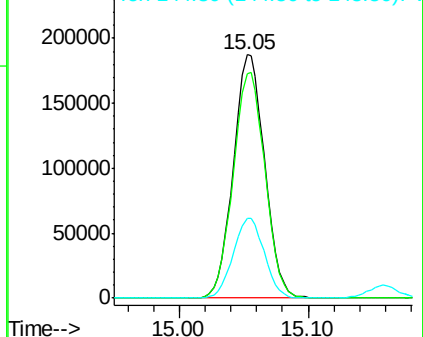
145 32.7 15.1 45.3

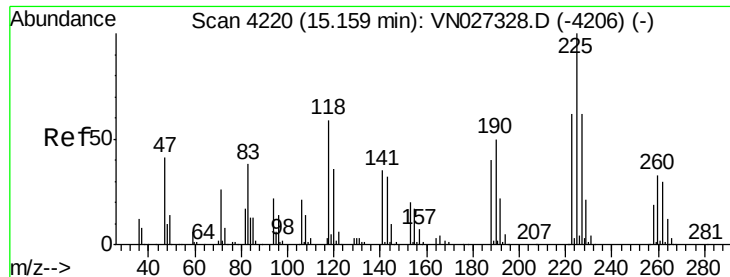


Abundance Ion 179.80 (179.50 to 180.50): VN027342.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027342.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027342.D (-4094) (-)





#95

Hexachlorobutadiene

Concen: 46.94 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. -0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

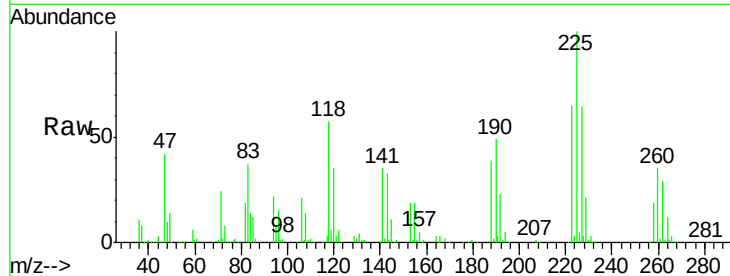
Tgt Ion:225 Resp: 157924

Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.3

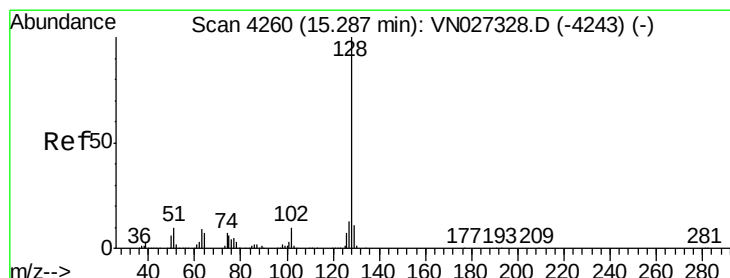
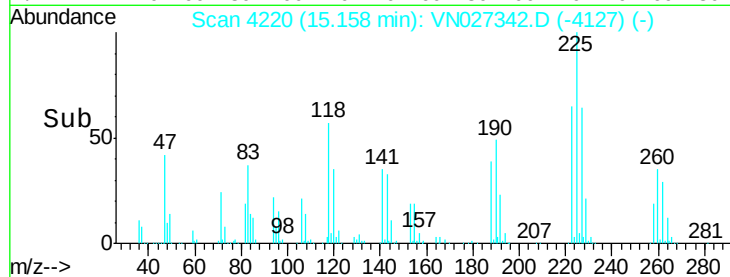
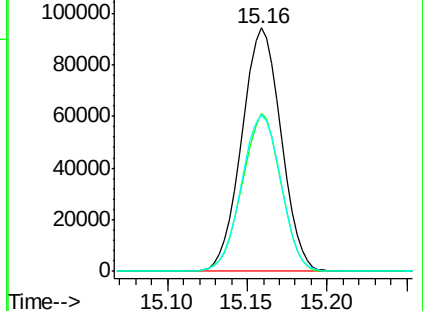
227 64.5 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 47.18 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027342.D

Acq: 21 Sep 2015 20:31

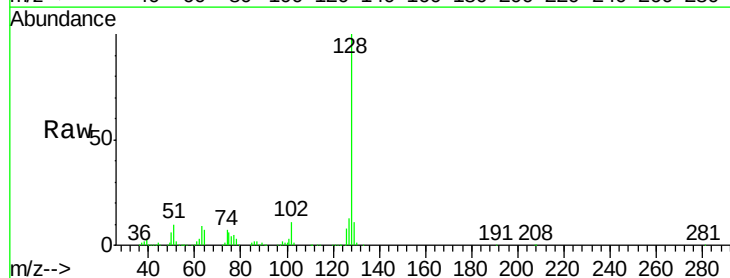
Tgt Ion:128 Resp: 883045

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

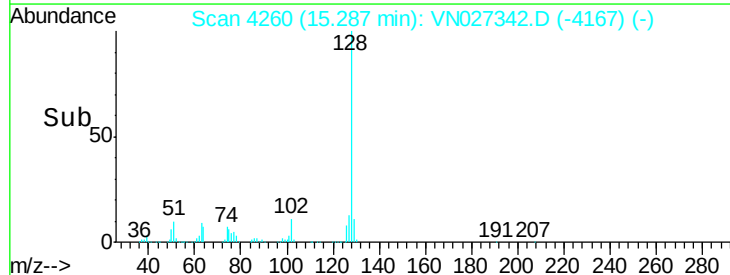
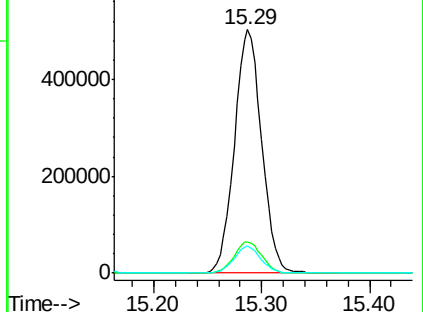
129 10.8 8.6 12.8

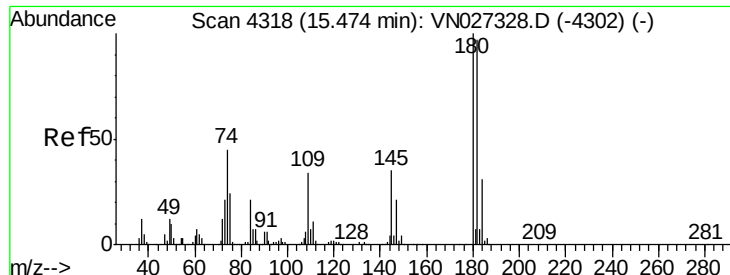


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 51.31 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. -0.00 min
 Lab File: VN027342.D
 Acq: 21 Sep 2015 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.8	146.4
145	33.8	16.6	49.8

