

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027270.D
 Acq On : 17 Sep 2015 23:02
 Operator : MD\FY
 Sample : VN0917WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

Quant Time: Sep 18 06:41:16 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	513062	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	992281	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	840617	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	308016	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	533417	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
36) Dibromofluoromethane	7.68	113	338876	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
51) Toluene-d8	10.19	98	1303410	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
63) 4-Bromofluorobenzene	12.52	95	450117	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	118052	19.23	ug/l	96
3) Chlorodifluoromethane	1.82	51	143640	20.22	ug/l	93
4) Chloromethane	2.01	50	137555	20.67	ug/l	98
5) Vinyl Chloride	2.14	62	152366	21.01	ug/l	97
6) Bromomethane	2.54	94	65609	19.44	ug/l	97
7) Chloroethane	2.69	64	97020	19.69	ug/l	99
8) Trichlorofluoromethane	3.02	101	225570	20.60	ug/l	98
9) Diethyl Ether	3.42	74	100980	20.04	ug/l	88
10) 1,1,2-Trichlorotrifluoroet	3.79	101	134723	19.58	ug/l	97
11) Methyl Iodide	3.99	142	104420	15.62	ug/l	91
12) Tert butyl alcohol	4.80	59	91908	89.41	ug/l	95
13) 1,1-Dichloroethene	3.77	96	133070	20.20	ug/l	100
14) Acrolein	3.62	56	107908	89.36	ug/l	98
15) Allyl chloride	4.37	41	254152	19.10	ug/l	# 84
16) Acrylonitrile	5.03	53	337083	100.28	ug/l	99
17) Acetone	3.83	43	267196	94.27	ug/l	94
18) Carbon Disulfide	4.11	76	395856	18.45	ug/l	99
19) Methyl Acetate	4.36	43	414642	20.20	ug/l	96
20) Methyl tert-butyl Ether	5.12	73	538430	20.36	ug/l	97
21) Methylene Chloride	4.60	84	160453	20.32	ug/l	94
22) trans-1,2-Dichloroethene	5.13	96	142077	19.94	ug/l	97
23) Diisopropyl ether	6.04	45	564667	20.23	ug/l	# 85
24) Vinyl Acetate	5.98	43	1228599	132.97	ug/l	97
25) 1,1-Dichloroethane	5.93	63	325119	20.05	ug/l	99
26) 2-Butanone	6.92	43	420771	98.59	ug/l	95
27) 2,2-Dichloropropane	6.92	77	241359	17.15	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	171993	21.05	ug/l	99
29) Bromochloromethane	7.29	49	138170	21.95	ug/l	98
30) Tetrahydrofuran	7.32	42	277418	94.31	ug/l	90
31) Chloroform	7.46	83	308910	21.08	ug/l	97
32) Cyclohexane	7.77	56	306464	20.68	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	270574	20.71	ug/l	96
37) 1,1-Dichloropropene	7.89	75	229549	19.76	ug/l	98
38) Ethyl Acetate	7.02	43	188387	18.40	ug/l	97

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 Data File : VN027270.D
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 Sample : VN0917WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

Quant Time: Sep 18 06:41:16 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	213593	19.56	ug/l	98
40) Methylcyclohexane	9.19	83	270822	19.15	ug/l	96
41) Benzene	8.14	78	669484	19.75	ug/l	98
42) Methacrylonitrile	7.24	41	109139	19.44	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	270763	19.83	ug/l	96
44) Isopropyl Acetate	8.25	43	355293	19.14	ug/l	98
45) Trichloroethene	8.94	130	133332	19.59	ug/l	93
46) 1,2-Dichloropropane	9.21	63	190006	19.49	ug/l	97
47) Dibromomethane	9.31	93	111358	19.45	ug/l	94
48) Bromodichloromethane	9.49	83	237408	19.68	ug/l	97
49) Methyl methacrylate	9.29	41	173067	18.71	ug/l #	89
50) 1,4-Dioxane	9.30	88	40380	372.29	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	953843	97.19	ug/l	100
53) Toluene	10.26	92	397616	20.03	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	247147	18.24	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	268768	18.23	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	153258	20.54	ug/l	98
57) Ethyl methacrylate	10.52	69	239192	19.02	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	275217	19.87	ug/l	96
59) 2-Chloroethyl Vinyl ether	9.78	63	551485	95.53	ug/l	97
60) 2-Hexanone	10.84	43	633596	94.82	ug/l	100
61) Dibromochloromethane	11.00	129	144047	18.91	ug/l	99
62) 1,2-Dibromoethane	11.11	107	142634	19.45	ug/l	99
65) Tetrachloroethene	10.74	164	107831	20.06	ug/l	95
66) Chlorobenzene	11.54	112	390745	19.69	ug/l	98
67) 1,1,1,2-Tetrachloroethane	11.62	131	134600	19.88	ug/l	98
68) Ethyl Benzene	11.62	91	745542	19.81	ug/l	99
69) m/p-Xylenes	11.73	106	505928	38.97	ug/l	91
70) o-Xylene	12.06	106	253852	19.50	ug/l	91
71) Styrene	12.08	104	412158	19.62	ug/l	95
72) Bromoform	12.24	173	88634	18.83	ug/l #	99
74) Isopropylbenzene	12.36	105	685199	20.19	ug/l	99
75) N-amyl acetate	12.17	43	286257	18.90	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	203408	21.23	ug/l	100
77) 1,2,3-Trichloropropane	12.66	75	268616	28.86	ug/l	55
78) Bromobenzene	12.64	156	131772	19.80	ug/l	89
79) n-propylbenzene	12.71	91	801551	20.07	ug/l	99
80) 2-Chlorotoluene	12.79	91	494635	20.63	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	540358	19.82	ug/l	96
82) trans-1,4-Dichloro-2-buten	12.40	75	65669	17.33	ug/l	93
83) 4-Chlorotoluene	12.89	91	469948	19.95	ug/l	97
84) tert-Butylbenzene	13.11	119	454653	20.21	ug/l	91
85) 1,2,4-Trimethylbenzene	13.16	105	553736	20.22	ug/l	95
86) sec-Butylbenzene	13.29	105	657289	19.94	ug/l	99
87) p-Isopropyltoluene	13.41	119	490863	19.34	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	229628	20.16	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	225159	19.52	ug/l	93
90) n-Butylbenzene	13.74	91	466870	18.95	ug/l	99
91) Hexachloroethane	14.01	117	102486	18.45	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	235151	20.89	ug/l	97

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0917WBS02

Quant Time: Sep 18 06:41:16 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

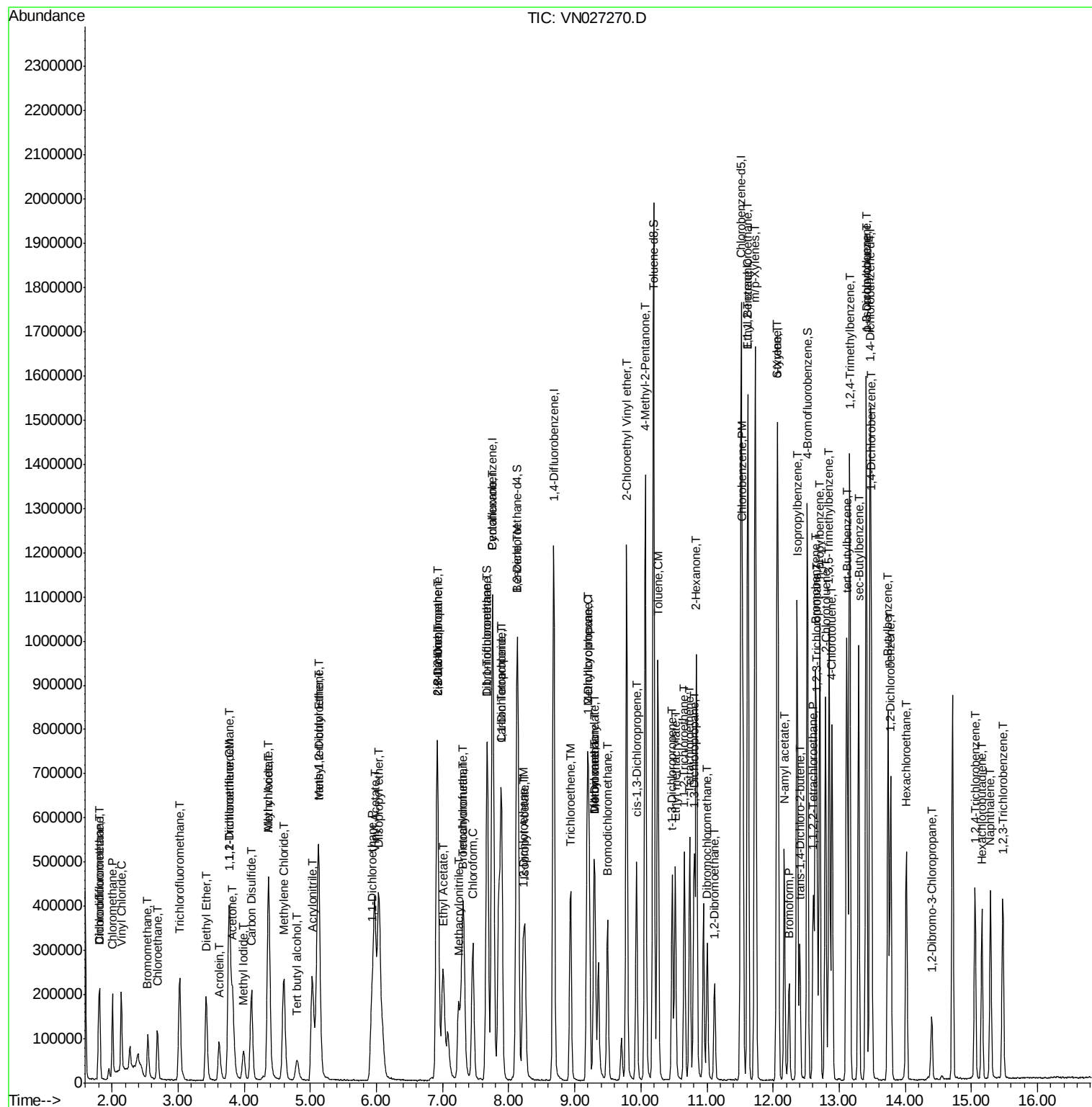
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	37737	18.60	ug/l	89
94) 1,2,4-Trichlorobenzene	15.05	180	119353	19.63	ug/l	97
95) Hexachlorobutadiene	15.16	225	60800	18.99	ug/l	98
96) Naphthalene	15.29	128	333931	18.73	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	118655	19.63	ug/l	95

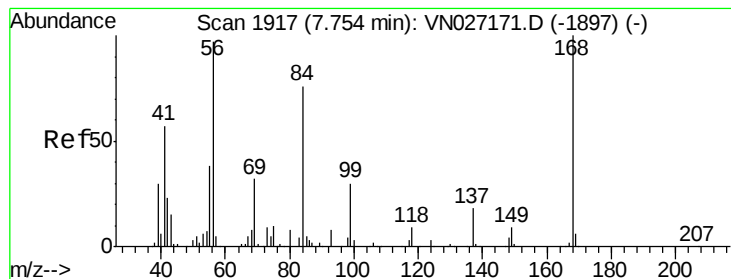
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 18 06:41:16 2015
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 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

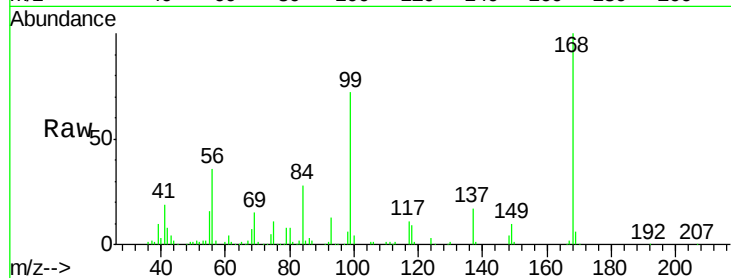
VN0917WBS02

Tgt Ion:168 Resp: 513062

Ion Ratio Lower Upper

168 100

99 71.2 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

250000

200000

150000

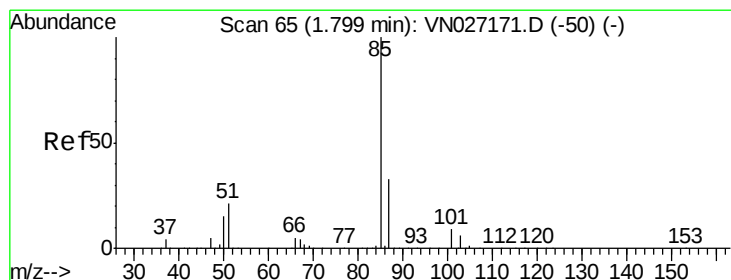
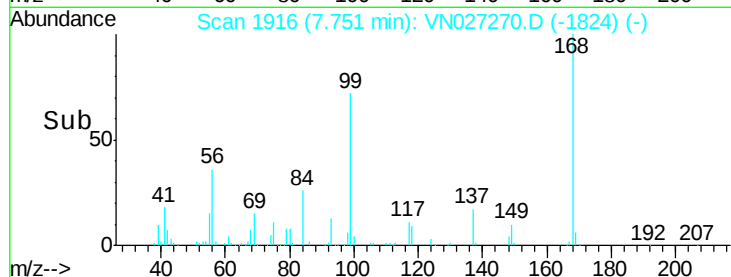
100000

50000

0

7.65 7.70 7.75 7.80 7.85

Time-->



#2

Dichlorodifluoromethane

Concen: 19.23 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027270.D

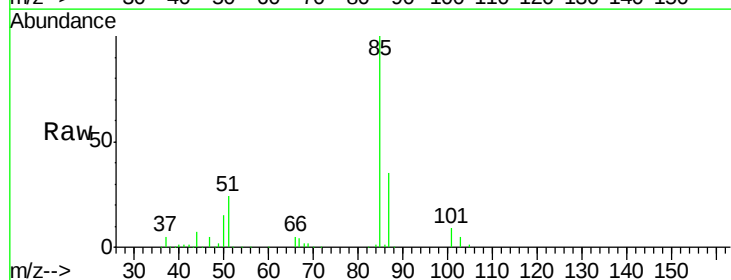
Acq: 17 Sep 2015 23:02

Tgt Ion: 85 Resp: 118052

Ion Ratio Lower Upper

85 100

87 34.5 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

100000

80000

60000

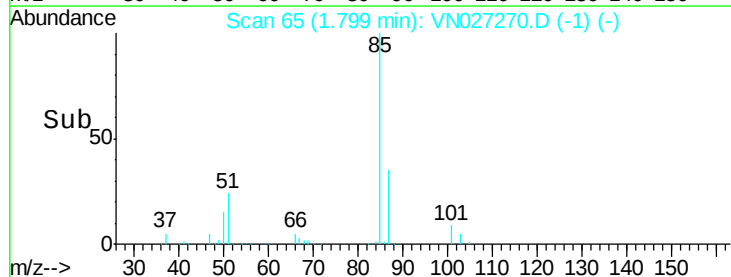
40000

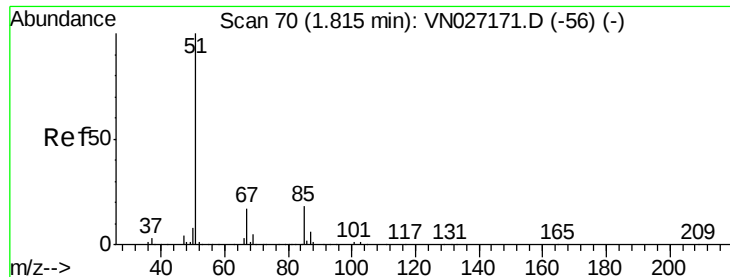
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chlorodifluoromethane

Concen: 20.22 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

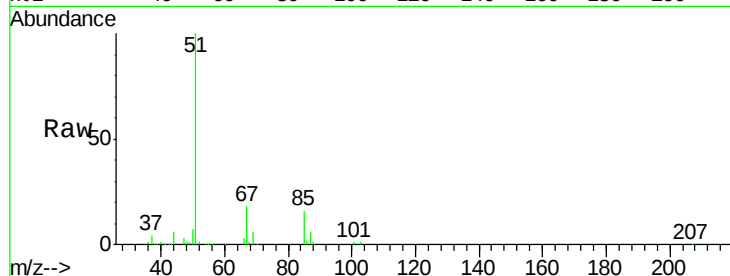
VN0917WBS02

Tgt Ion: 51 Resp: 143640

Ion Ratio Lower Upper

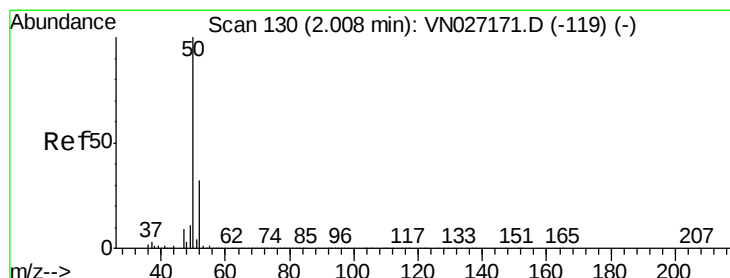
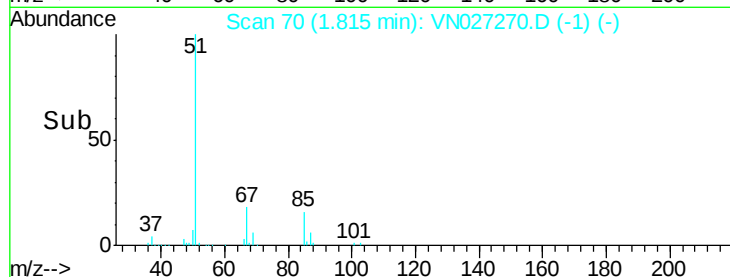
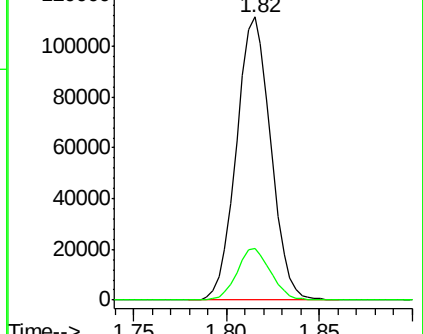
51 100

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: 20.67 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027270.D

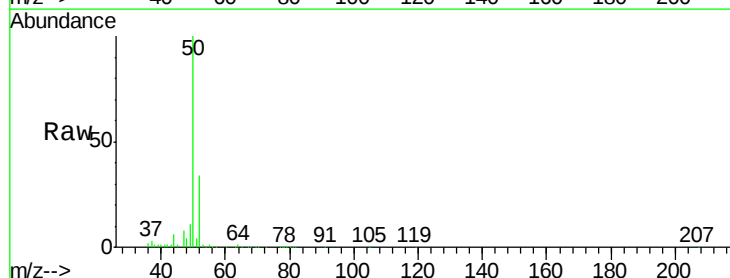
Acq: 17 Sep 2015 23:02

Tgt Ion: 50 Resp: 137555

Ion Ratio Lower Upper

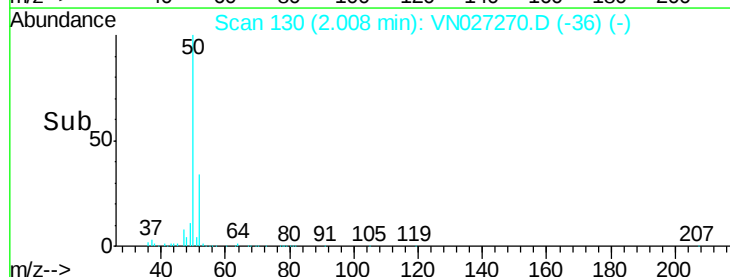
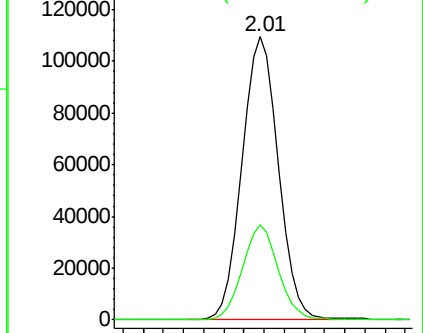
50 100

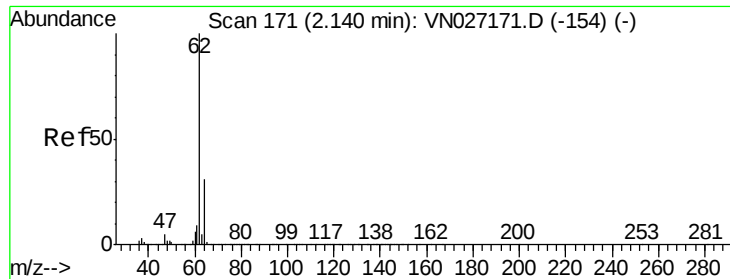
52 33.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 21.01 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

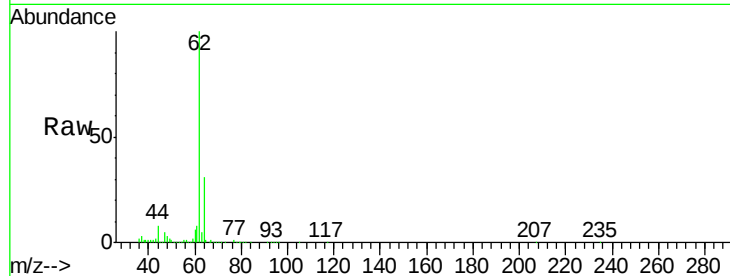
VN0917WBS02

Tgt Ion: 62 Resp: 152366

Ion Ratio Lower Upper

62 100

64 30.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.14

120000

100000

80000

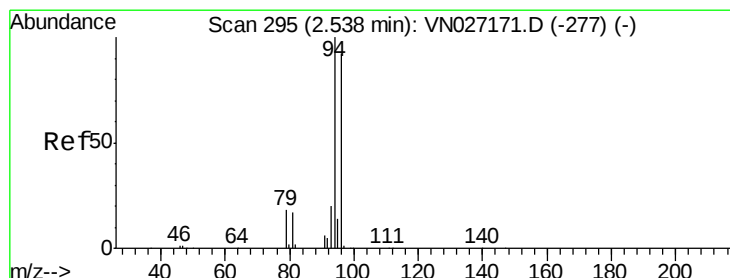
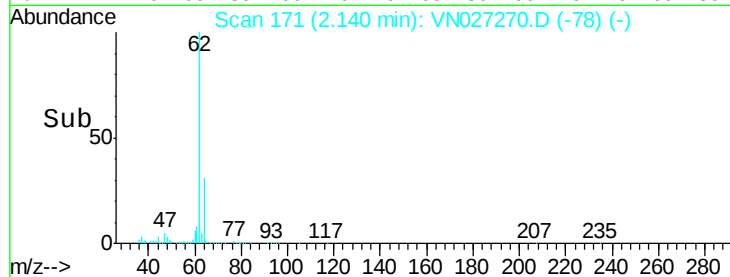
60000

40000

20000

0

Time-->



#6

Bromomethane

Concen: 19.44 ug/l

RT: 2.54 min Scan# 296

Delta R.T. 0.00 min

Lab File: VN027270.D

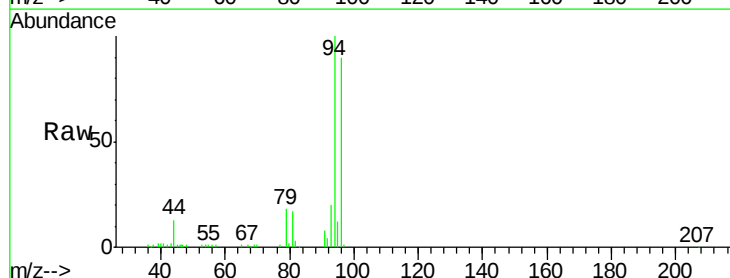
Acq: 17 Sep 2015 23:02

Tgt Ion: 94 Resp: 65609

Ion Ratio Lower Upper

94 100

96 89.1 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

40000

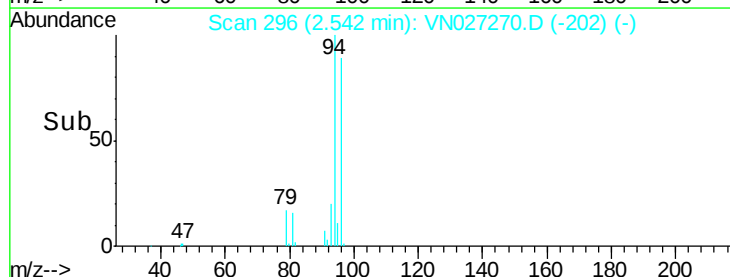
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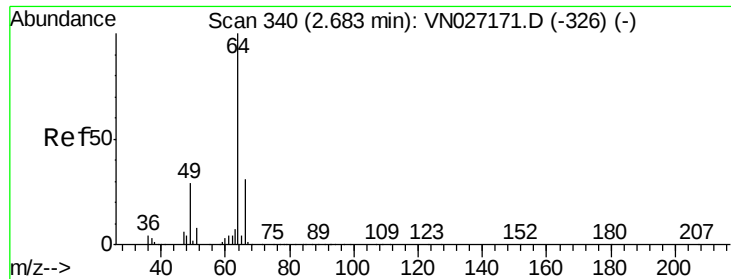
20000

10000

0

Time-->





#7

Chloroethane

Concen: 19.69 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

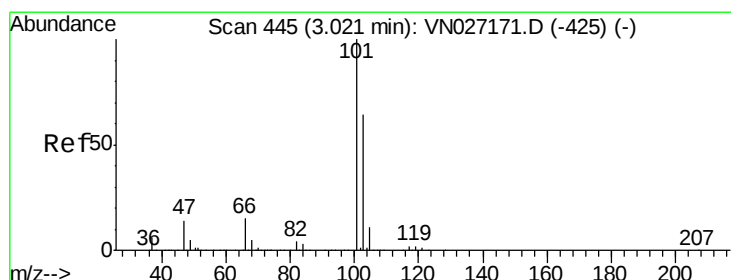
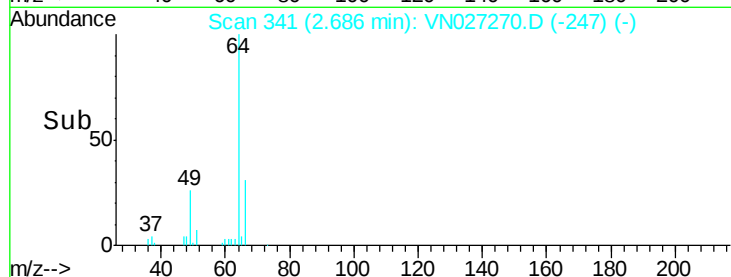
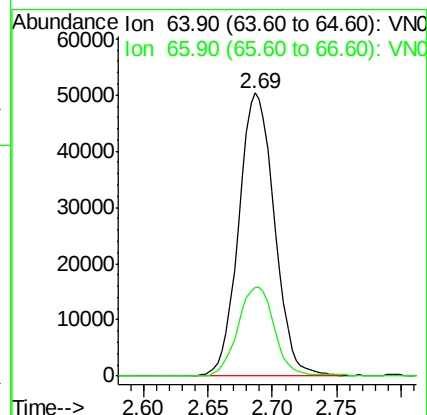
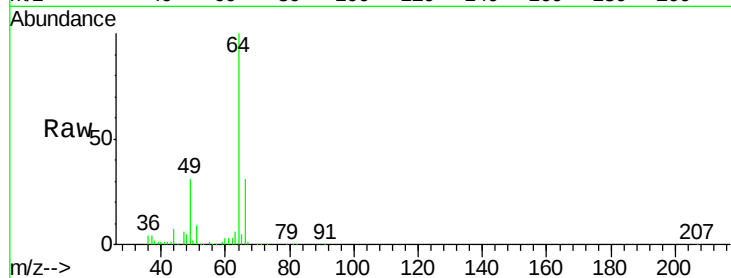
VN0917WBS02

Tgt Ion: 64 Resp: 97020

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3



#8

Trichlorofluoromethane

Concen: 20.60 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027270.D

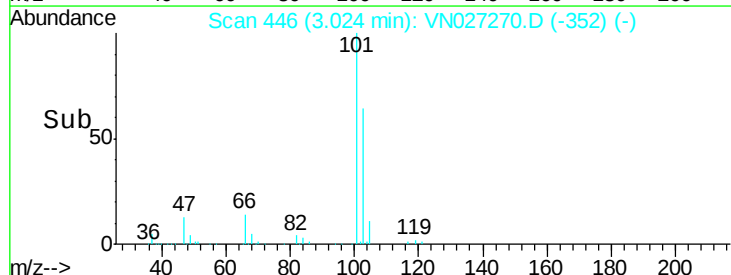
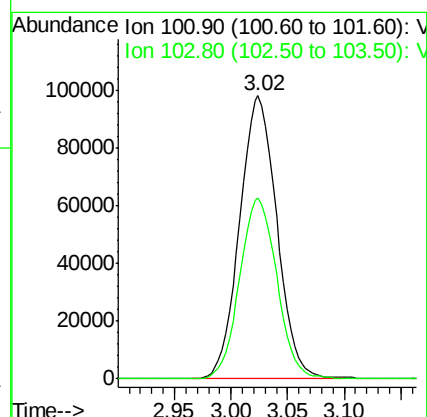
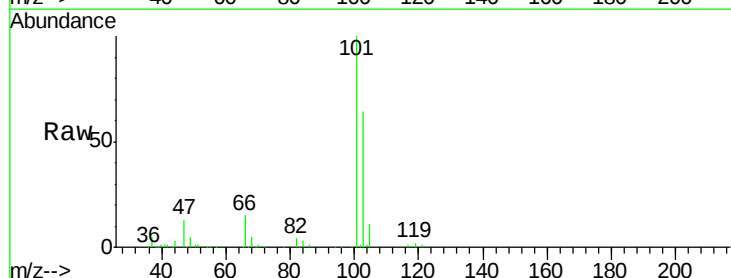
Acq: 17 Sep 2015 23:02

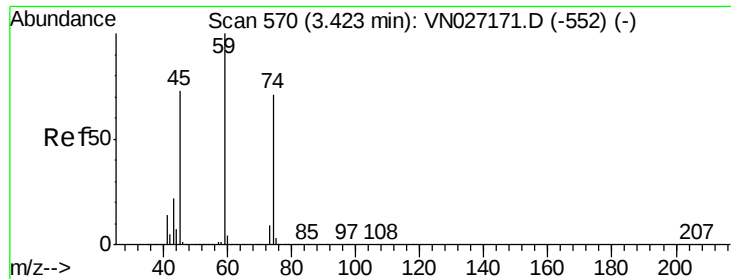
Tgt Ion: 101 Resp: 225570

Ion Ratio Lower Upper

101 100

103 63.9 52.6 79.0





#9

Diethyl Ether

Concen: 20.04 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

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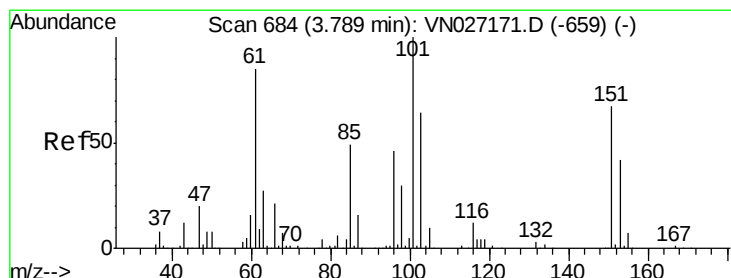
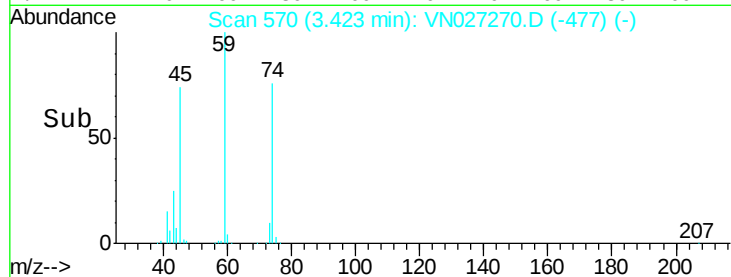
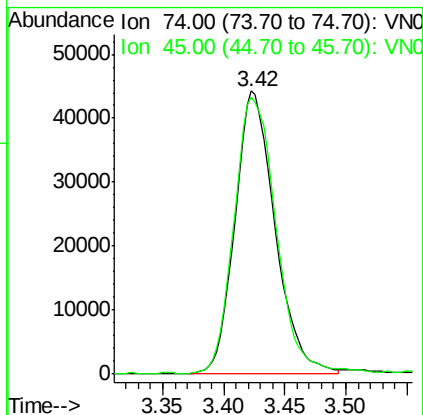
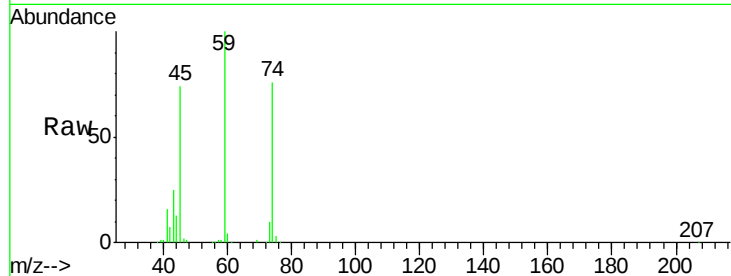
VN0917WBS02

Tgt Ion: 74 Resp: 100980

Ion Ratio Lower Upper

74 100

45 103.5 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 19.58 ug/l

RT: 3.79 min Scan# 685

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

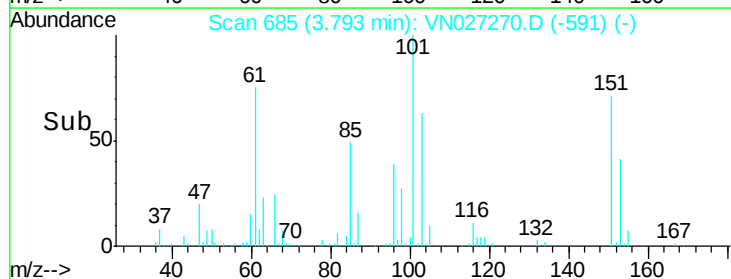
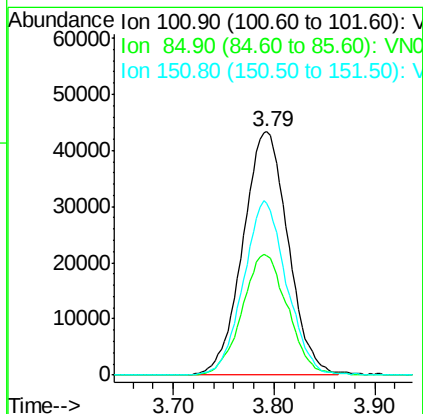
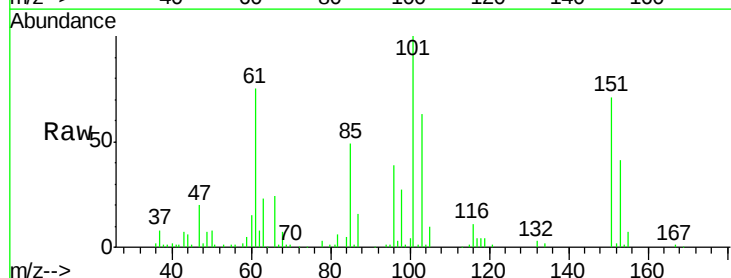
Tgt Ion: 101 Resp: 134723

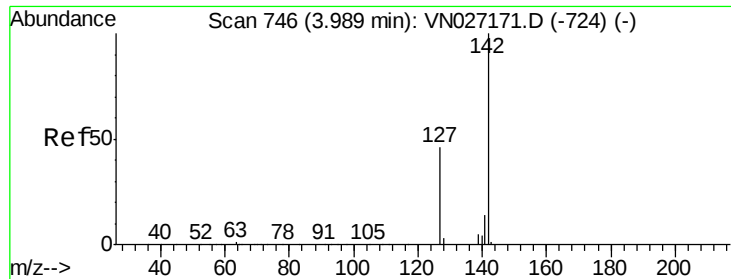
Ion Ratio Lower Upper

101 100

85 49.9 37.4 56.0

151 68.2 55.9 83.9

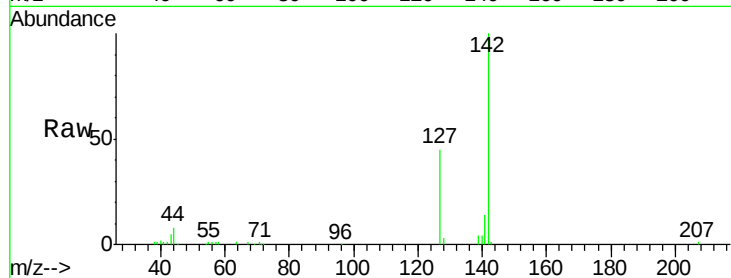




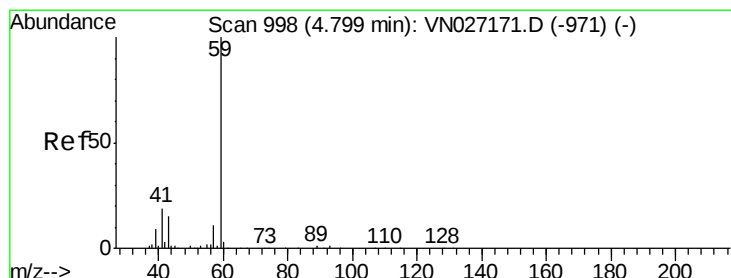
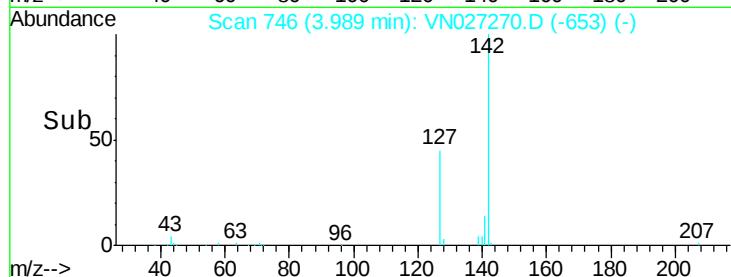
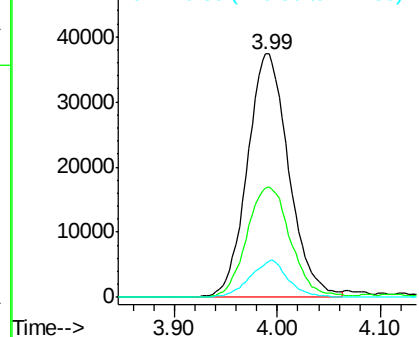
#11
Methyl Iodide
Concen: 15.62 ug/l
RT: 3.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS02

Tgt Ion:142 Resp: 104420
Ion Ratio Lower Upper
142 100
127 47.7 32.3 48.5
141 13.9 11.2 16.8

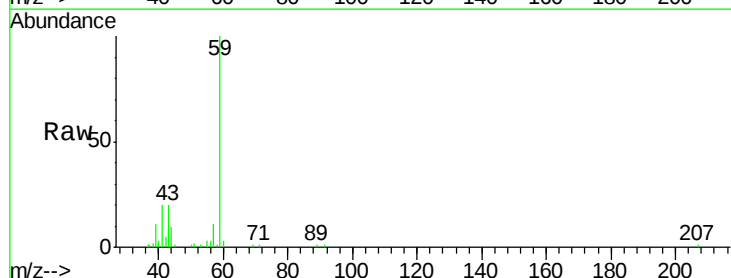


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

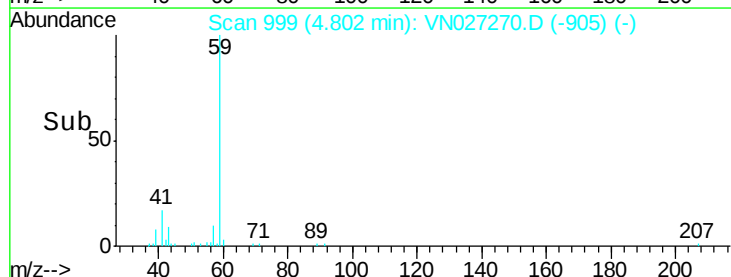
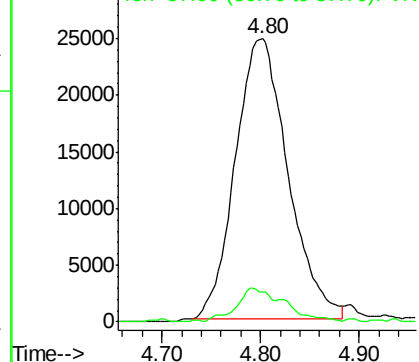


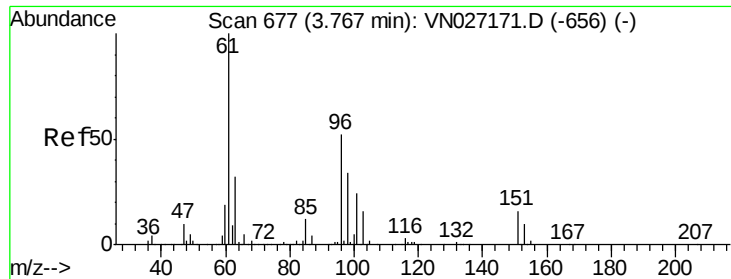
#12
Tert butyl alcohol
Concen: 89.41 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

Tgt Ion: 59 Resp: 91908
Ion Ratio Lower Upper
59 100
57 7.7 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): V
Ion 57.00 (56.70 to 57.70): V

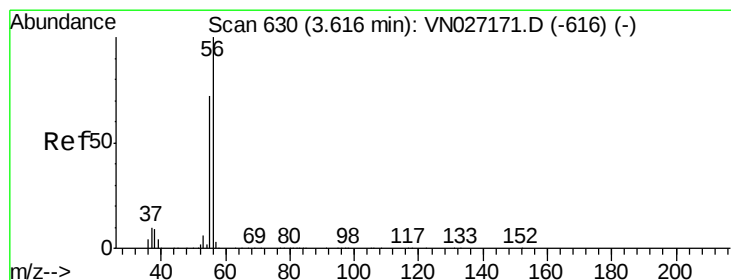
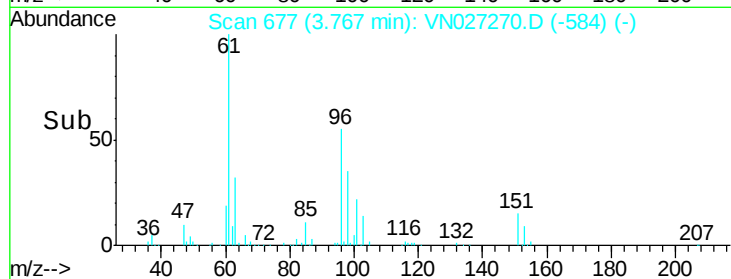
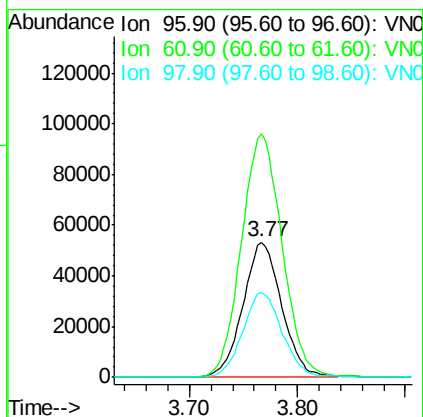
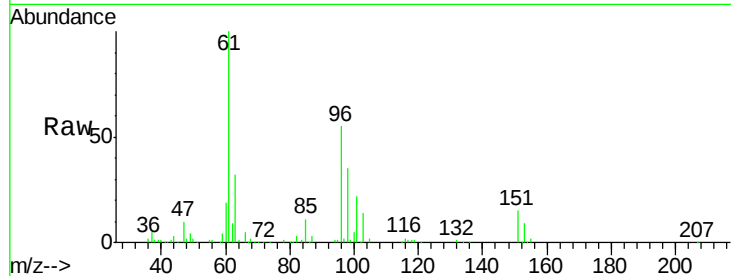




#13
 1,1-Dichloroethene
 Concen: 20.20 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

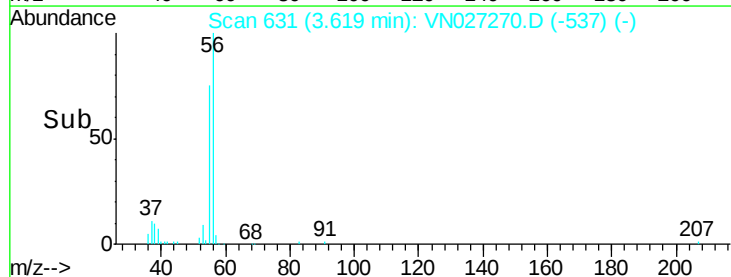
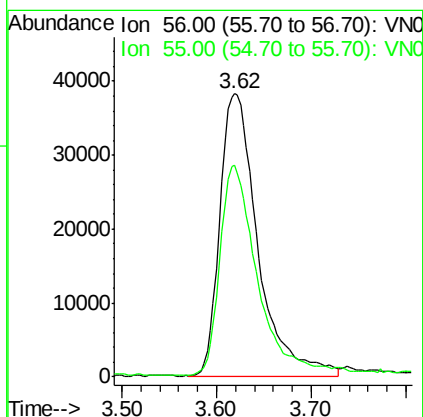
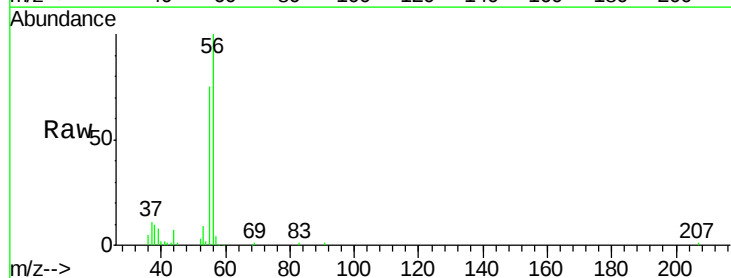
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

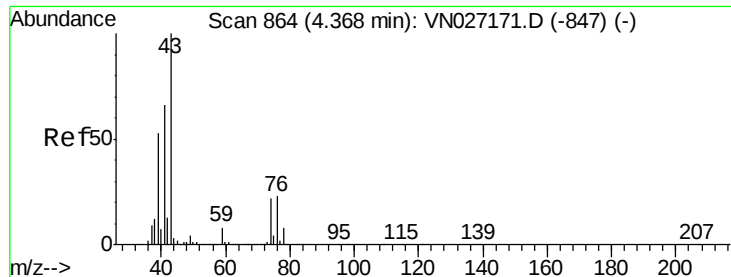
Tgt Ion: 96 Resp: 133070
 Ion Ratio Lower Upper
 96 100
 61 180.4 143.8 215.8
 98 62.8 50.3 75.5



#14
 Acrolein
 Concen: 89.36 ug/l
 RT: 3.62 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion: 56 Resp: 107908
 Ion Ratio Lower Upper
 56 100
 55 71.0 55.7 83.5

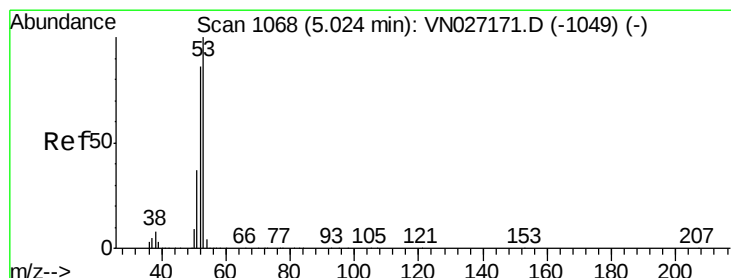
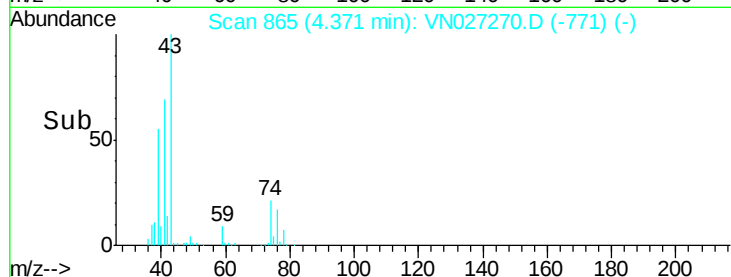
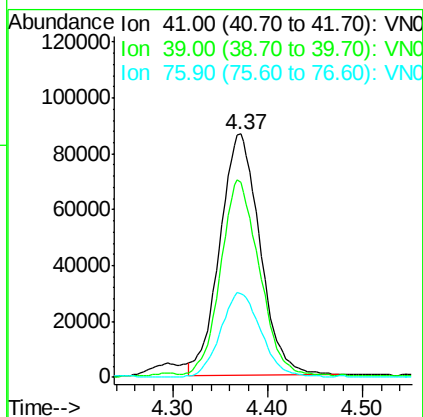
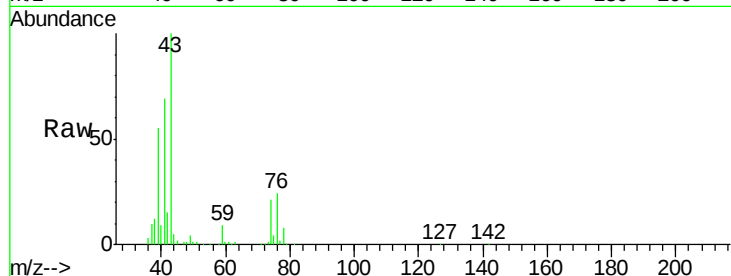




#15
 Allyl chloride
 Concen: 19.10 ug/l
 RT: 4.37 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

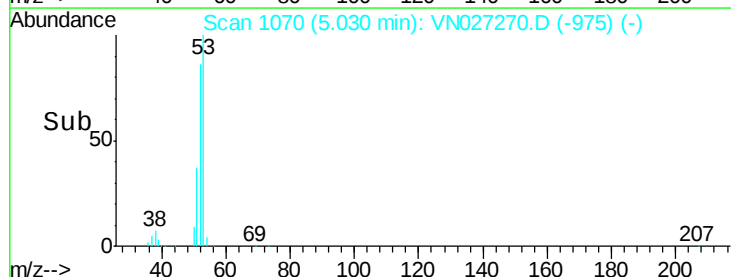
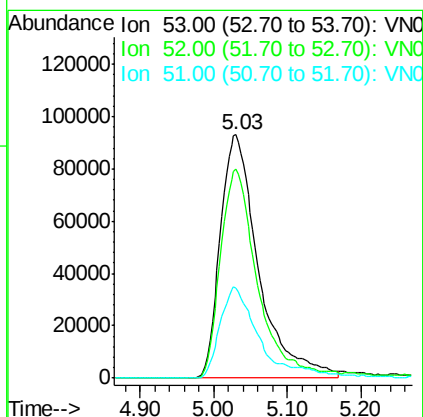
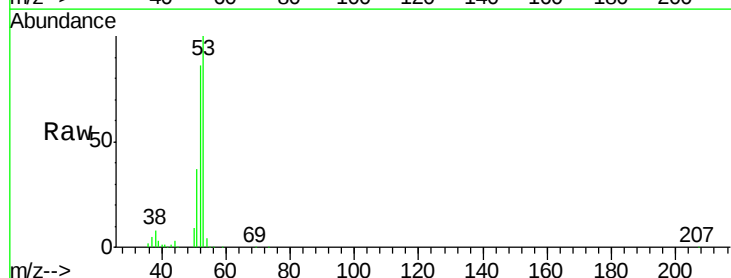
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

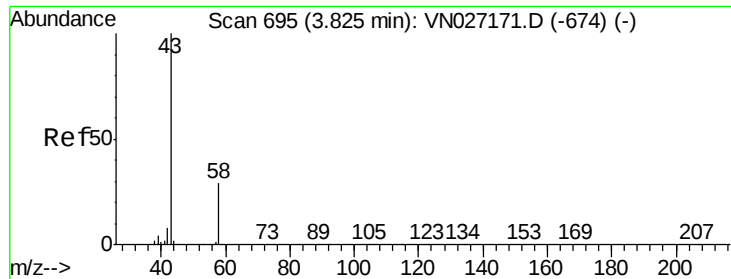
Tgt Ion	Ratio	Lower	Upper
41	100		
39	78.0	49.7	74.5#
76	35.2	24.8	37.2



#16
 Acrylonitrile
 Concen: 100.28 ug/l
 RT: 5.03 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.9	100.3
51	35.2	27.4	41.0





#17

Acetone

Concen: 94.27 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampled :

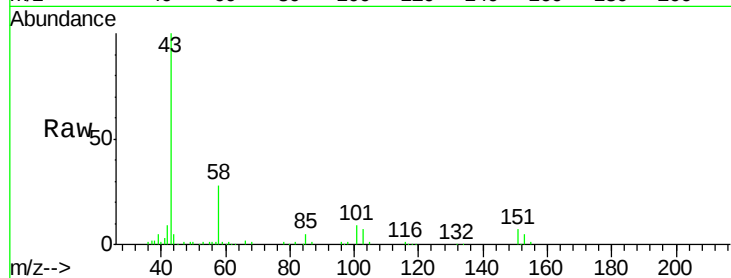
VN0917WBS02

Tgt Ion: 43 Resp: 267196

Ion Ratio Lower Upper

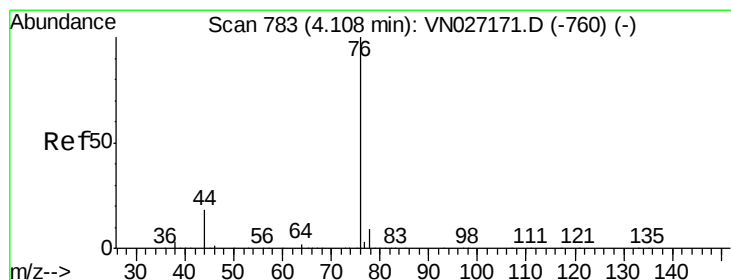
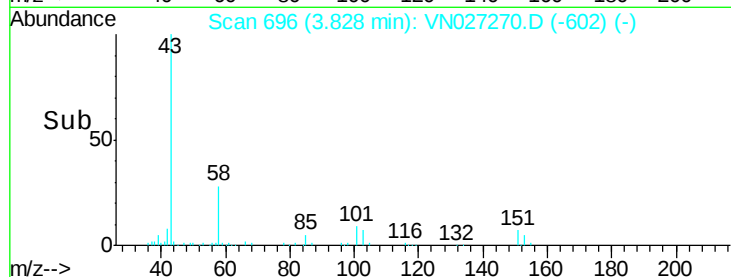
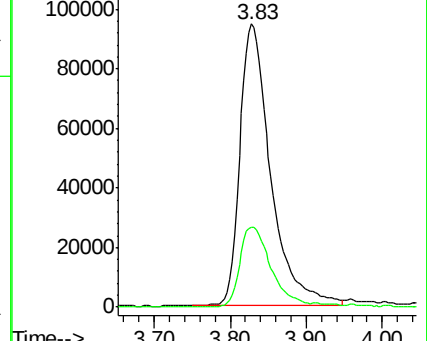
43 100

58 28.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 18.45 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027270.D

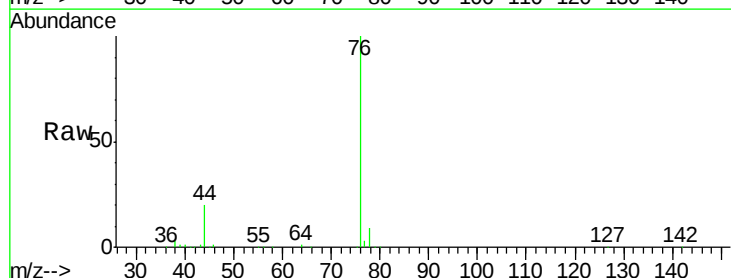
Acq: 17 Sep 2015 23:02

Tgt Ion: 76 Resp: 395856

Ion Ratio Lower Upper

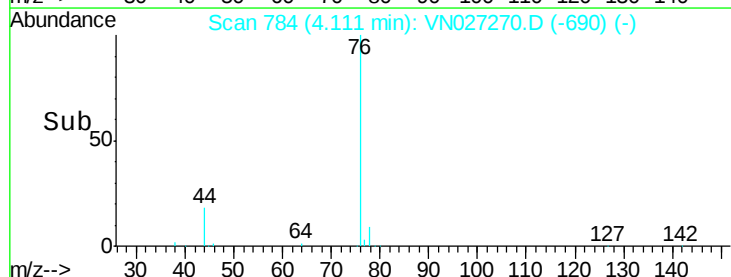
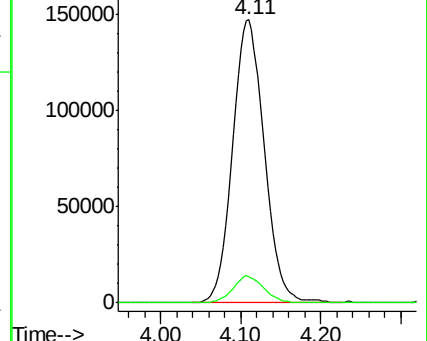
76 100

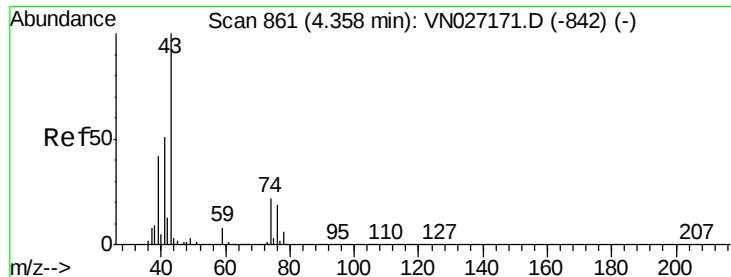
78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

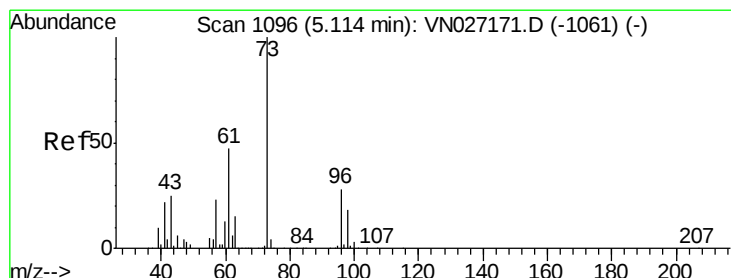
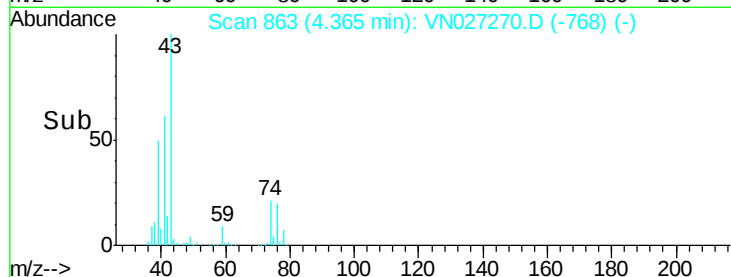
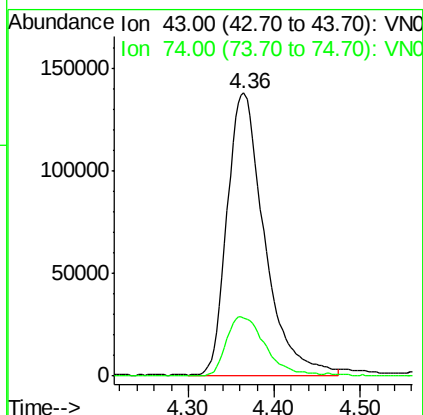
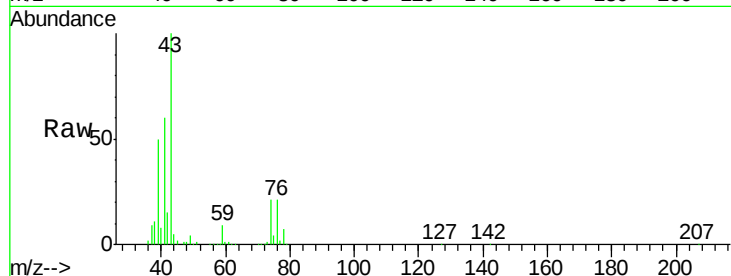




#19
Methyl Acetate
Concen: 20.20 ug/l
RT: 4.36 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

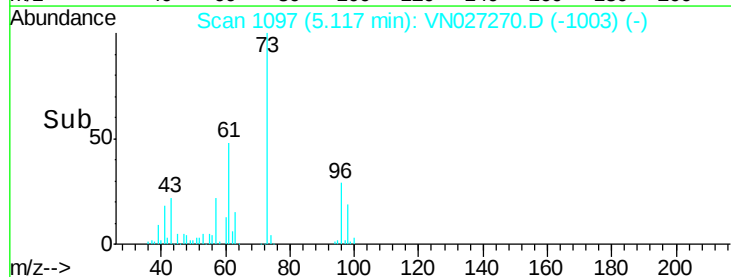
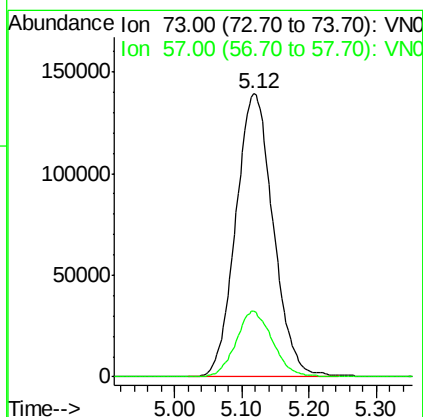
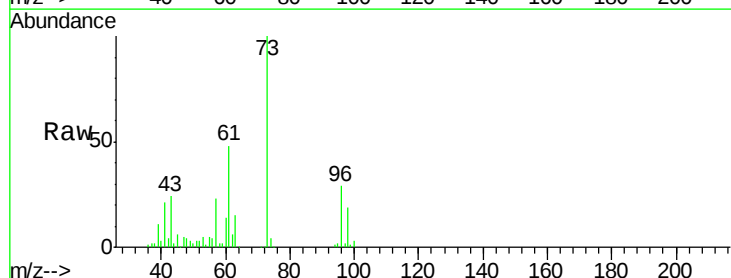
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS02

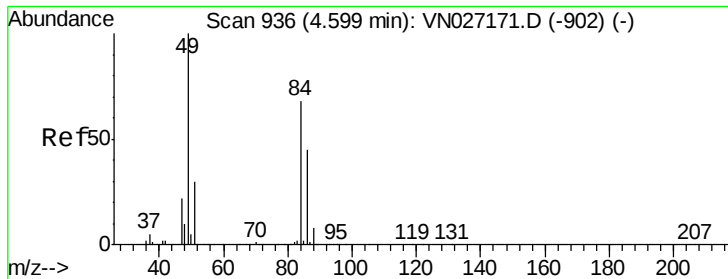
Tgt Ion: 43 Resp: 414642
Ion Ratio Lower Upper
43 100
74 22.1 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 20.36 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

Tgt Ion: 73 Resp: 538430
Ion Ratio Lower Upper
73 100
57 23.3 19.8 29.6





#21

Methylene Chloride

Concen: 20.32 ug/l

RT: 4.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampled :

VN0917WBS02

Tgt Ion: 84 Resp: 160453

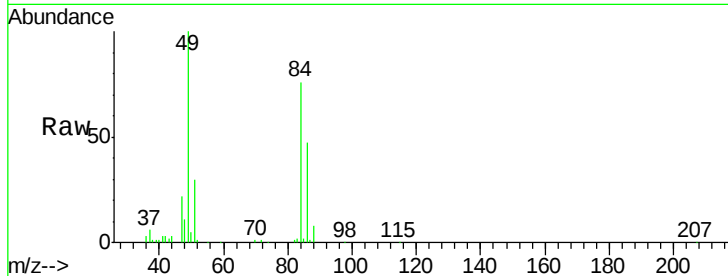
Ion Ratio Lower Upper

84 100

49 132.1 112.3 168.5

51 38.9 33.8 50.8

86 62.4 48.2 72.4

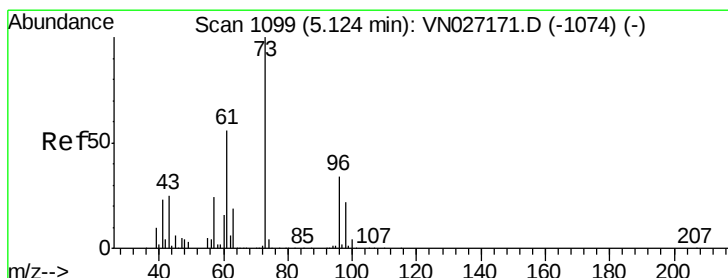
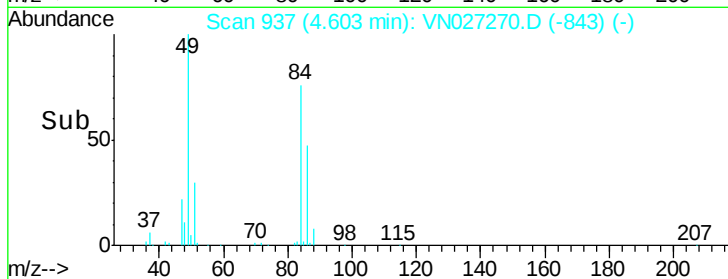
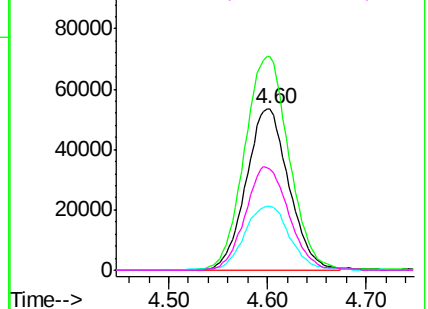


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#22

trans-1,2-Dichloroethene

Concen: 19.94 ug/l

RT: 5.13 min Scan# 1100

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

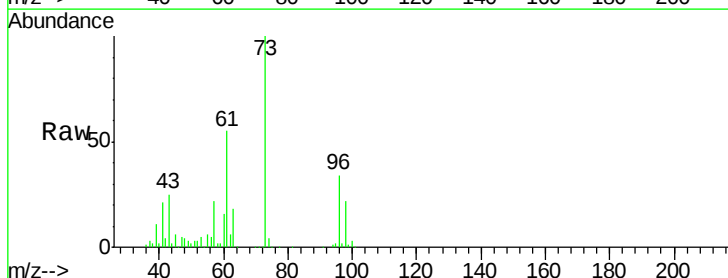
Tgt Ion: 96 Resp: 142077

Ion Ratio Lower Upper

96 100

61 160.6 126.6 189.8

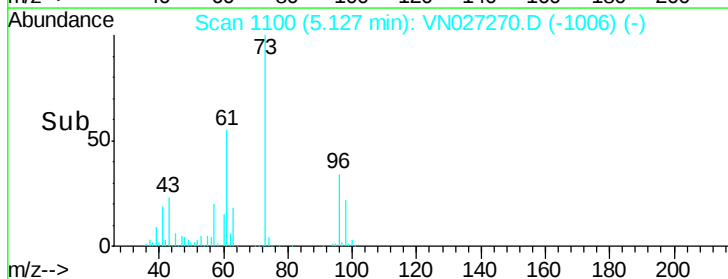
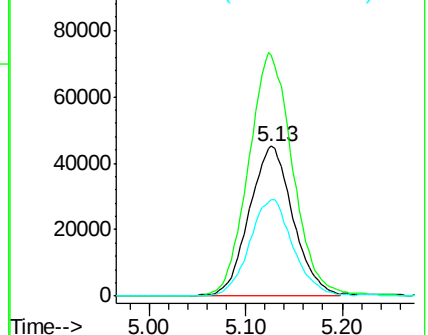
98 64.5 47.4 71.2

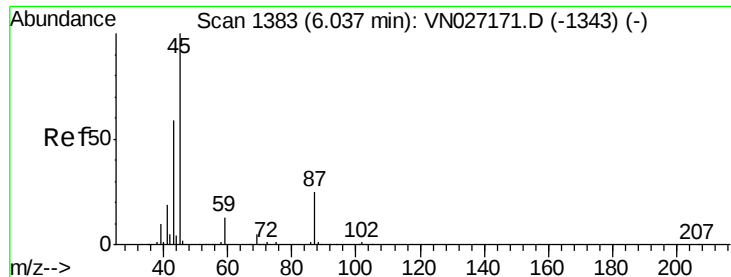


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

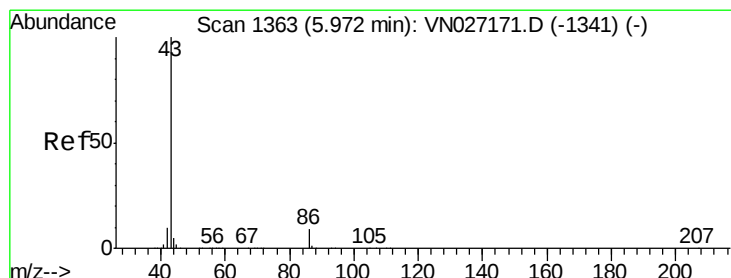
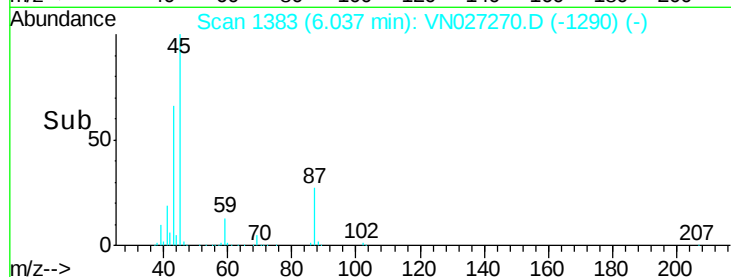
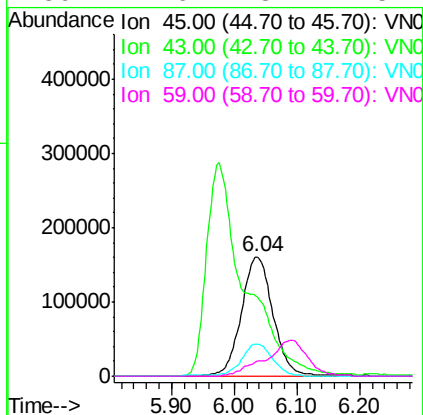
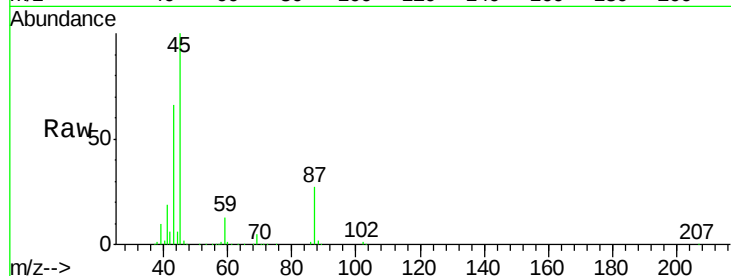




#23
 Diisopropyl ether
 Concen: 20.23 ug/l
 RT: 6.04 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

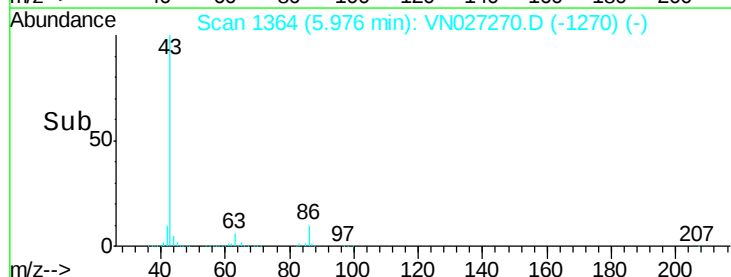
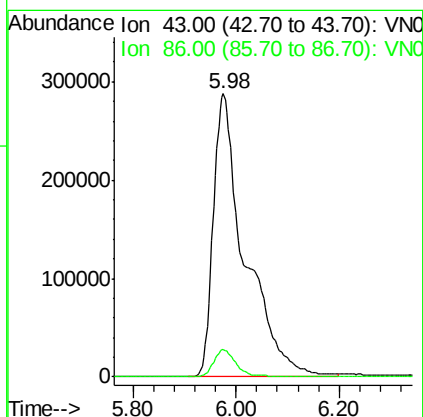
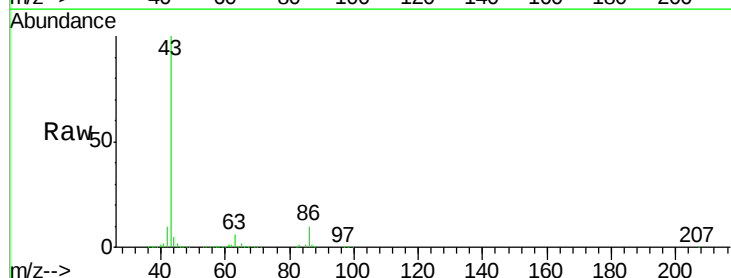
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

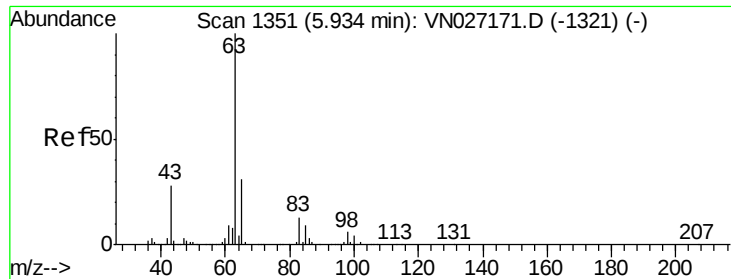
Tgt Ion:	45	Resp:	564667
Ion	Ratio	Lower	Upper
45	100		
43	64.8	41.0	61.6#
87	26.7	17.5	26.3#
59	12.6	8.7	13.1



#24
 Vinyl Acetate
 Concen: 132.97 ug/l
 RT: 5.98 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion:	43	Resp:	1228599
Ion	Ratio	Lower	Upper
43	100		
86	9.5	6.9	10.3

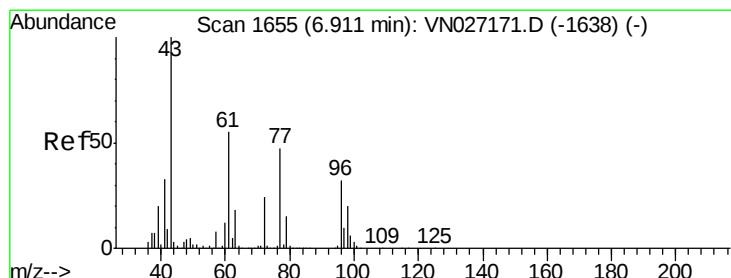
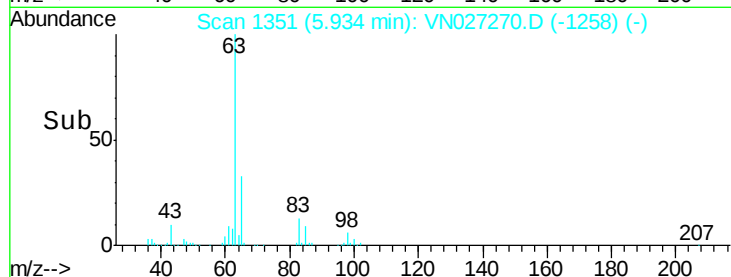
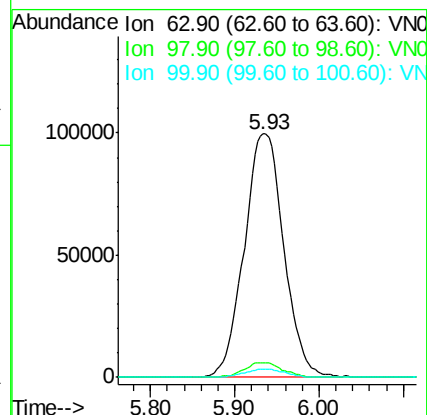
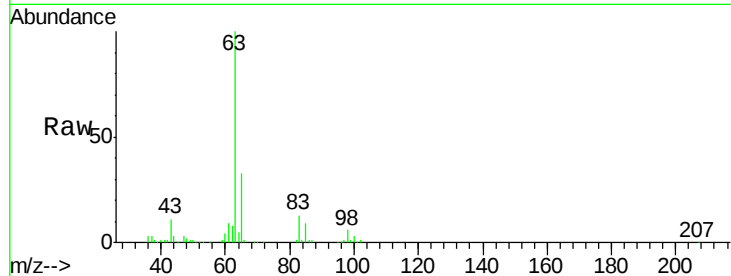




#25
 1,1-Dichloroethane
 Concen: 20.05 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

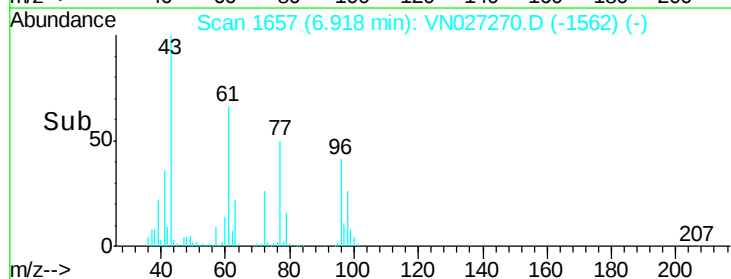
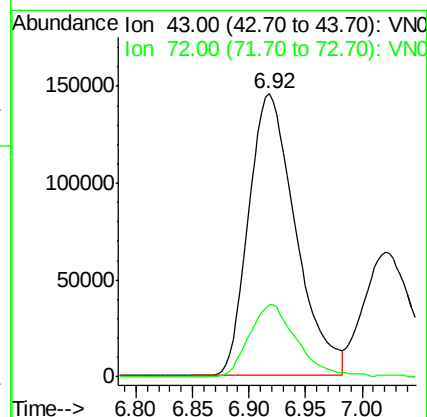
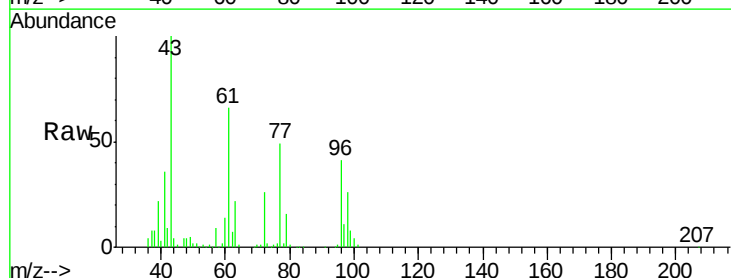
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

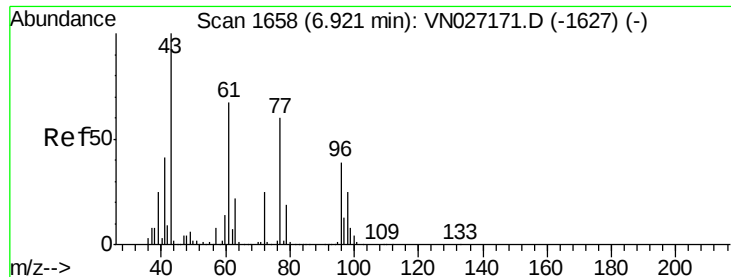
Tgt Ion: 63 Resp: 325119
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.8 8.3
 100 3.2 1.7 5.0



#26
 2-Butanone
 Concen: 98.59 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion: 43 Resp: 420771
 Ion Ratio Lower Upper
 43 100
 72 25.8 18.8 28.2

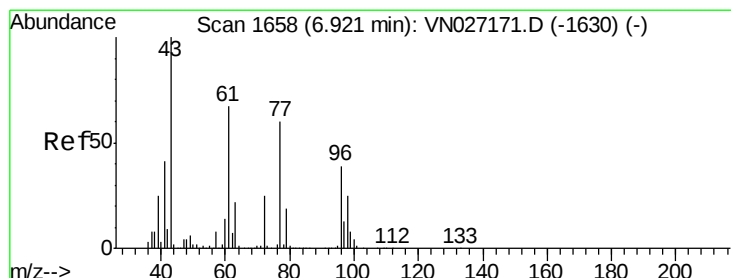
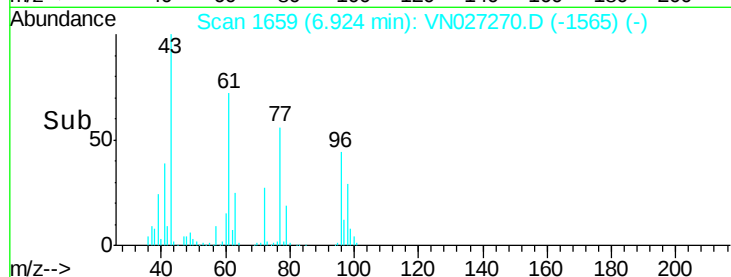
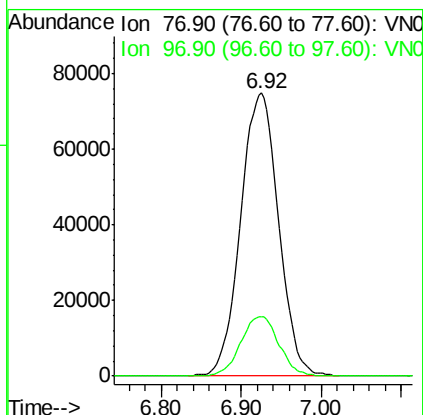
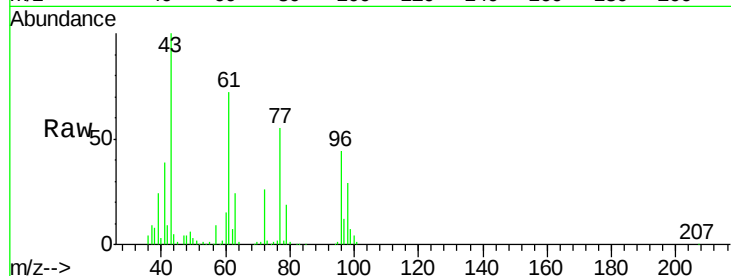




#27
 2,2-Dichloropropane
 Concen: 17.15 ug/l
 RT: 6.92 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

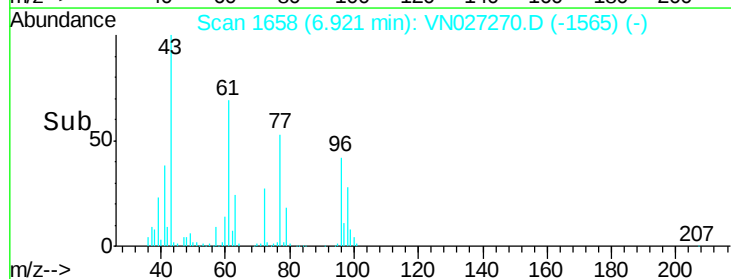
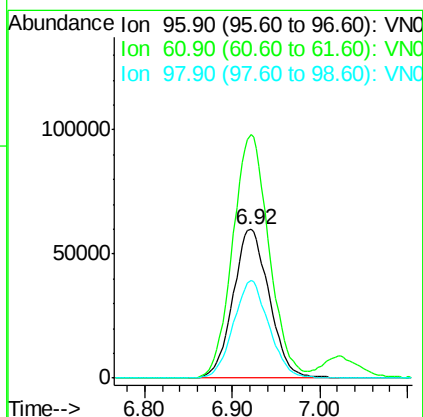
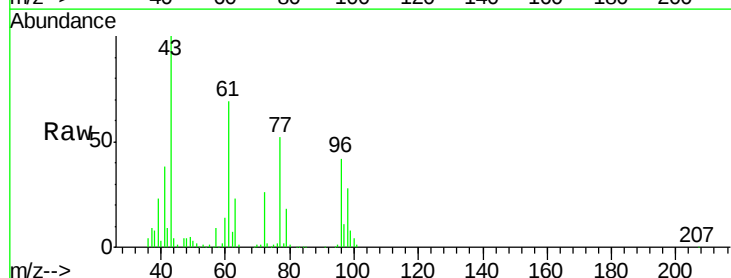
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

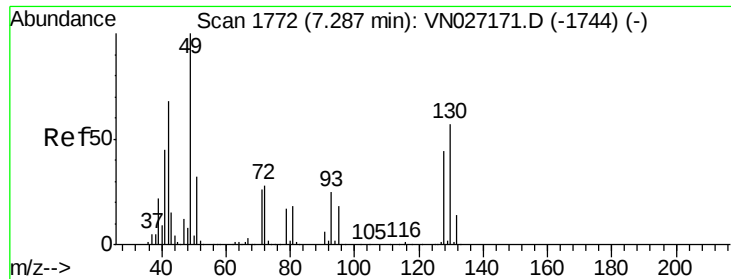
Tgt Ion: 77 Resp: 241359
 Ion Ratio Lower Upper
 77 100
 97 21.1 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 21.05 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion: 96 Resp: 171993
 Ion Ratio Lower Upper
 96 100
 61 164.3 0.0 329.2
 98 64.6 0.0 126.0

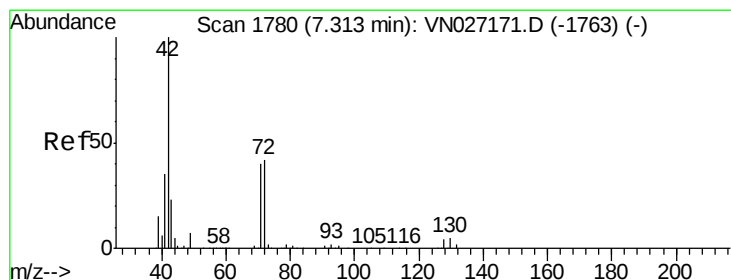
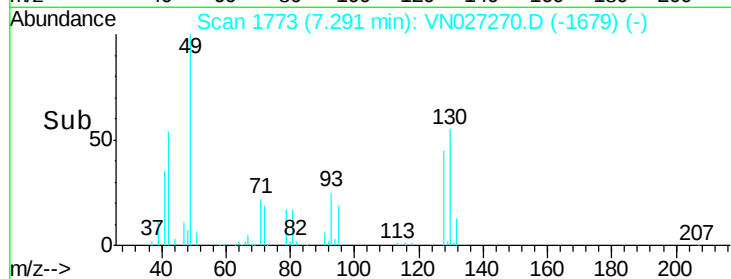
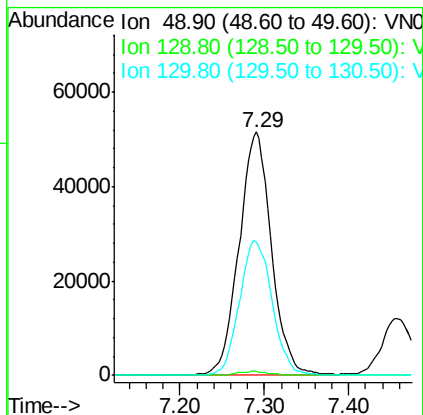
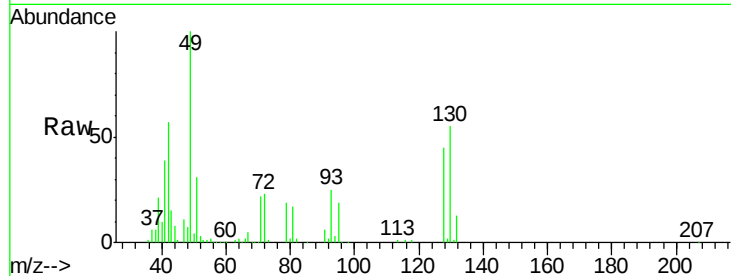




#29
 Bromochloromethane
 Concen: 21.95 ug/l
 RT: 7.29 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

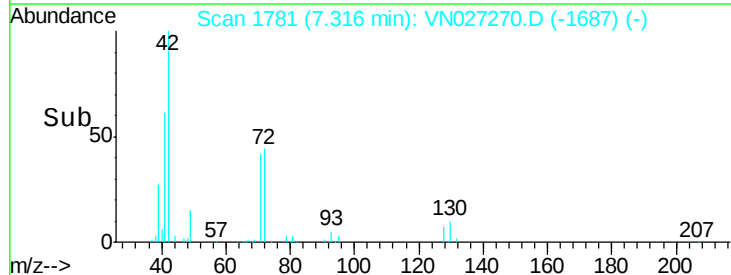
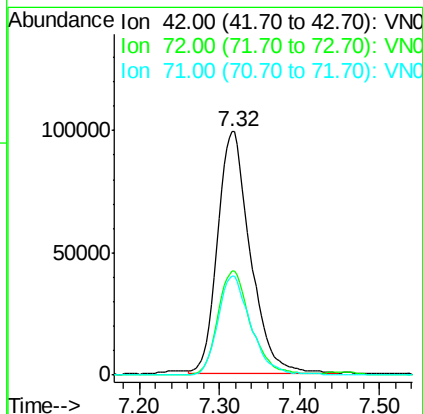
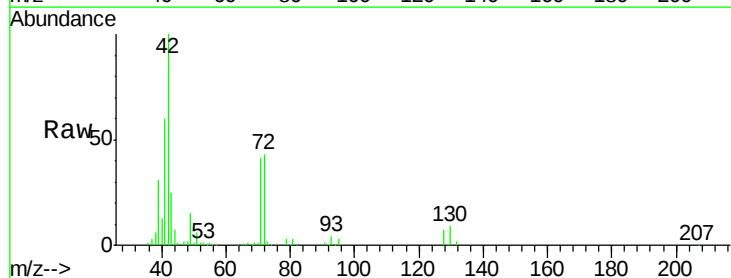
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

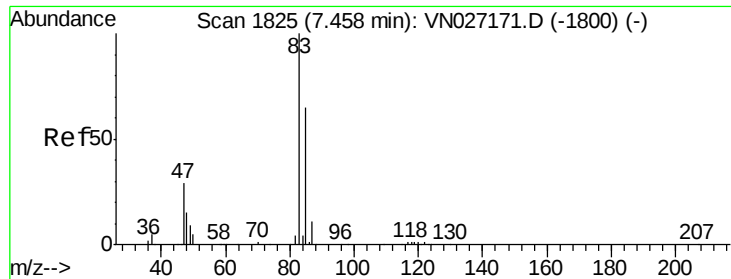
Tgt Ion: 49 Resp: 138170
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.2
 130 55.6 43.2 64.8



#30
 Tetrahydrofuran
 Concen: 94.31 ug/l
 RT: 7.32 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion: 42 Resp: 277418
 Ion Ratio Lower Upper
 42 100
 72 43.7 29.9 44.9
 71 41.5 28.3 42.5





#31

Chloroform

Concen: 21.08 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampled :

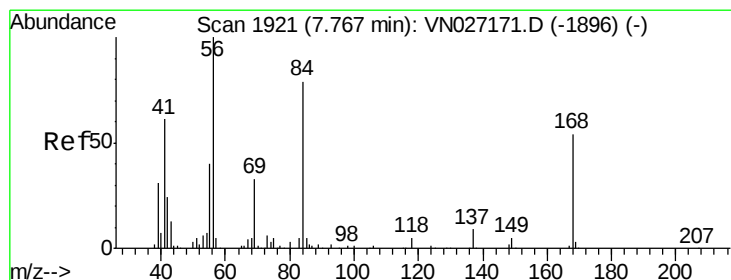
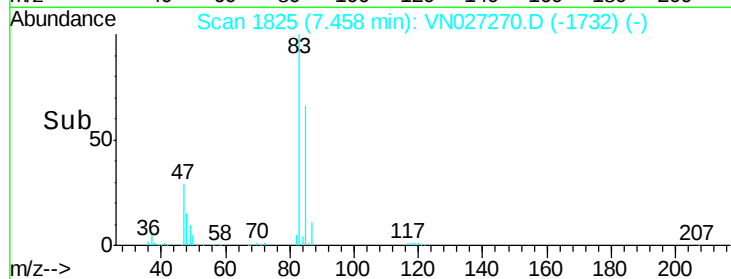
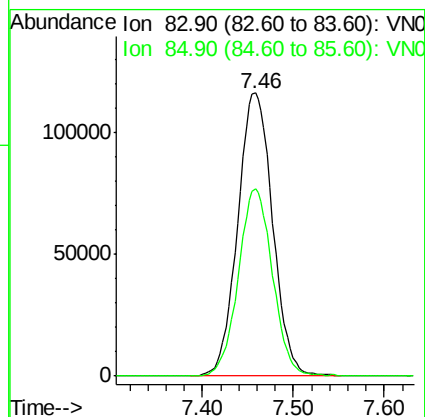
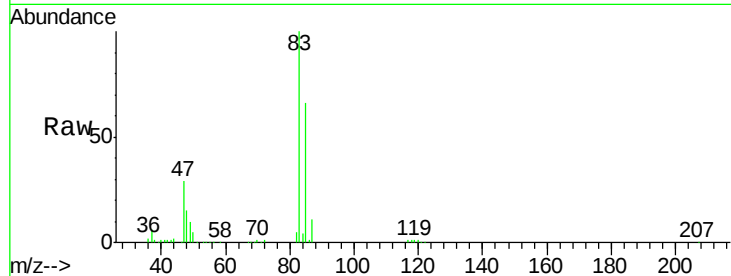
VN0917WBS02

Tgt Ion: 83 Resp: 308910

Ion Ratio Lower Upper

83 100

85 66.0 51.1 76.7



#32

Cyclohexane

Concen: 20.68 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

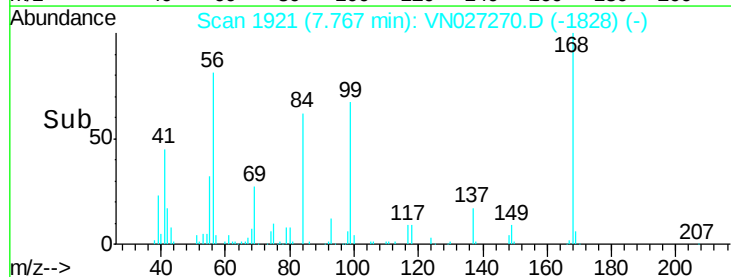
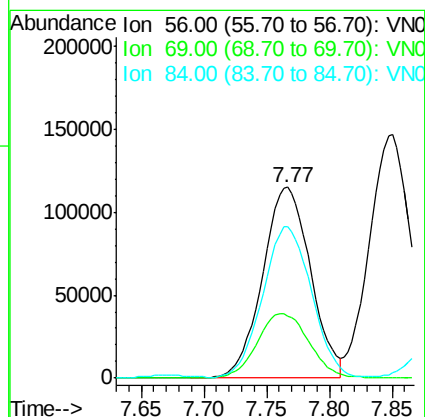
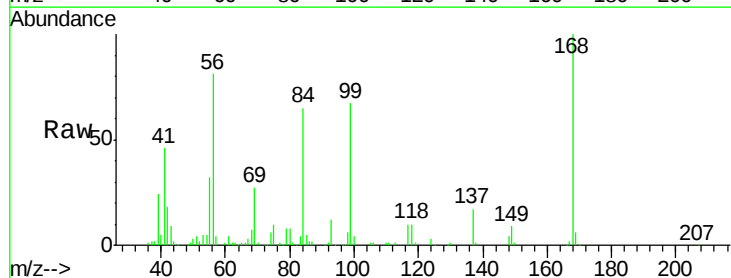
Tgt Ion: 56 Resp: 306464

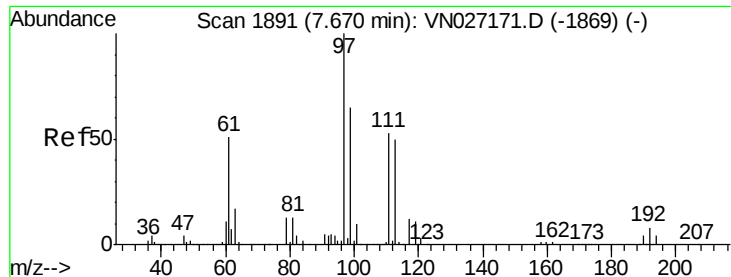
Ion Ratio Lower Upper

56 100

69 32.7 23.0 34.4

84 78.7 57.8 86.8

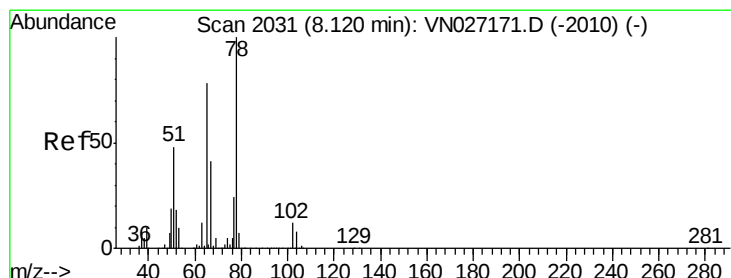
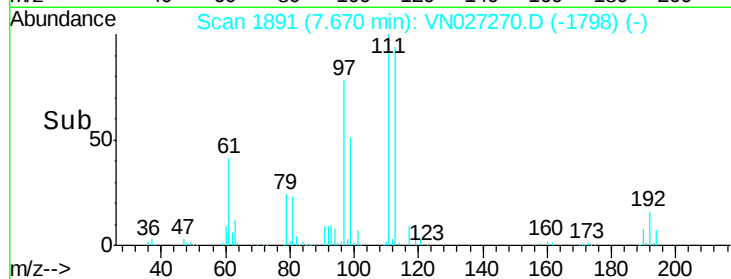
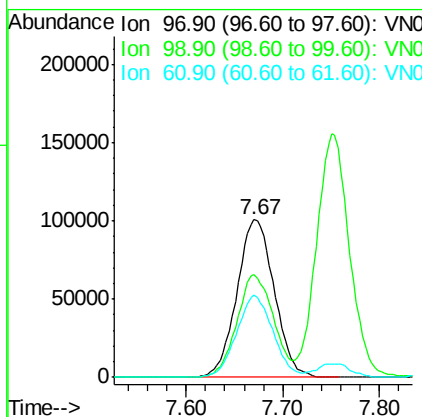
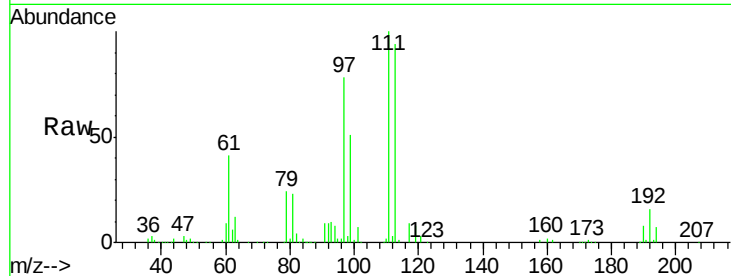




#33
 1,1,1-Trichloroethane
 Concen: 20.71 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

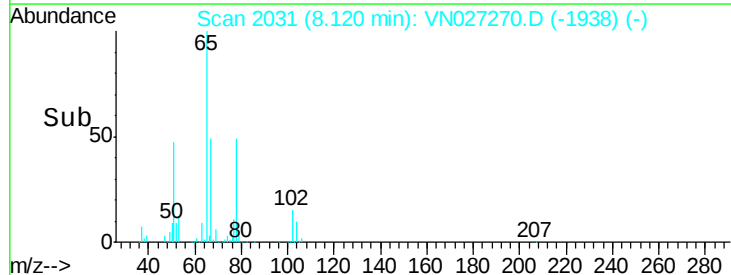
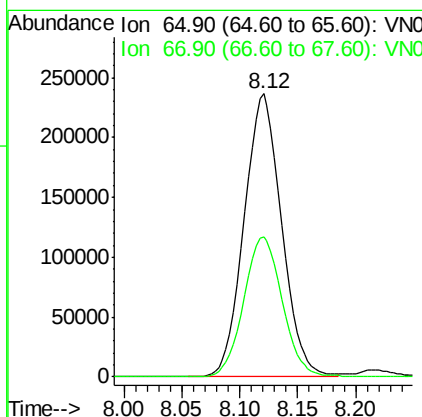
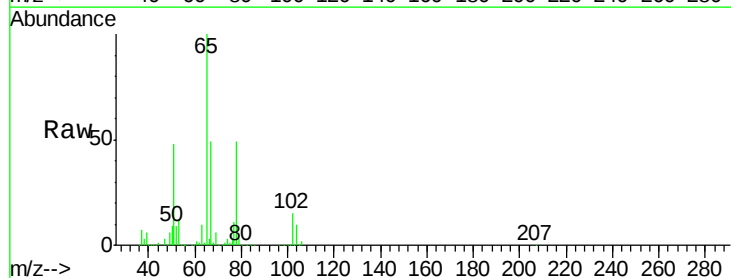
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

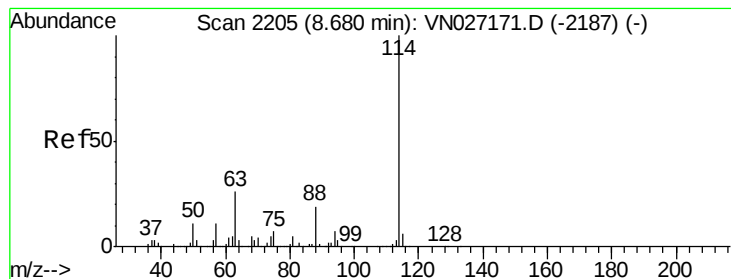
Tgt Ion: 97 Resp: 270574
 Ion Ratio Lower Upper
 97 100
 99 64.6 50.1 75.1
 61 50.3 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 50.74 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion: 65 Resp: 533417
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 110.6





#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

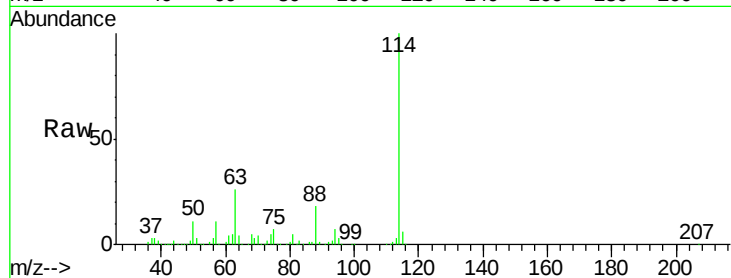
Tgt Ion:114 Resp: 992281

Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.8

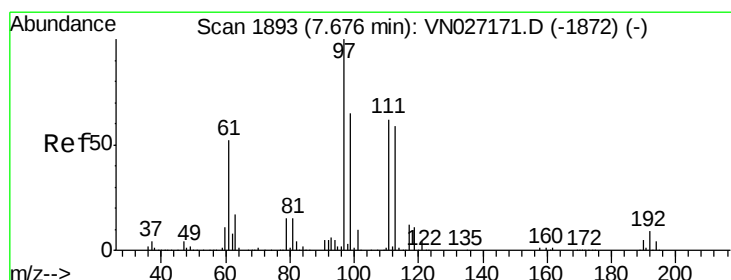
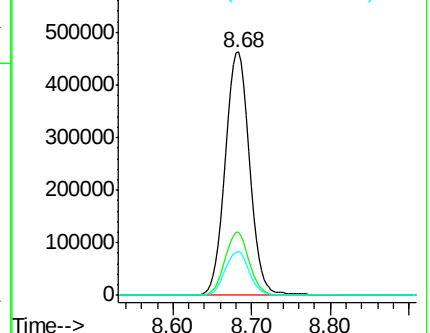
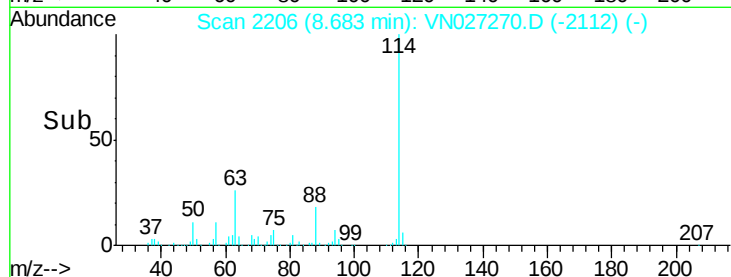
88 17.8 0.0 32.2



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: 49.27 ug/l

RT: 7.68 min Scan# 1894

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

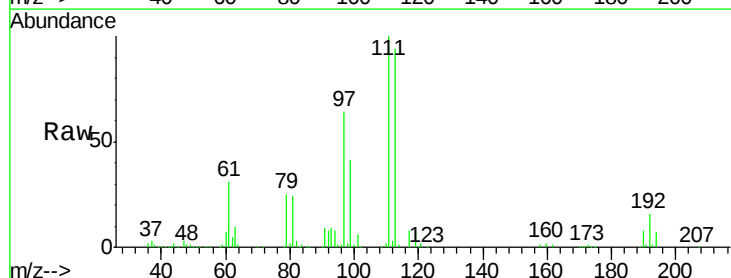
Tgt Ion:113 Resp: 338876

Ion Ratio Lower Upper

113 100

111 105.3 83.0 124.4

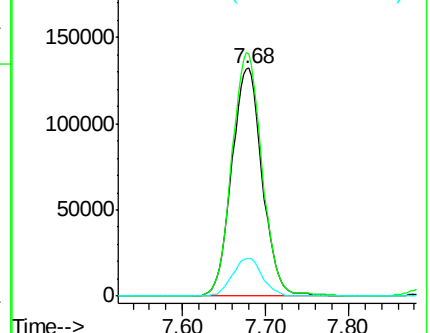
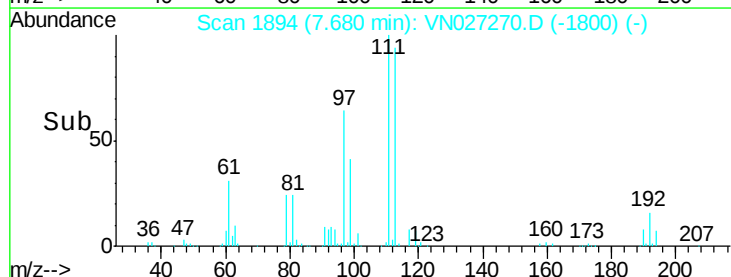
192 16.3 14.1 21.1

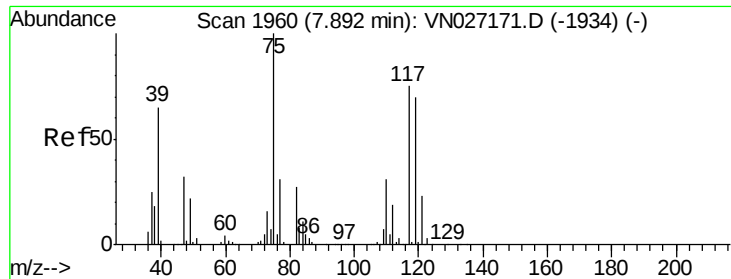


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

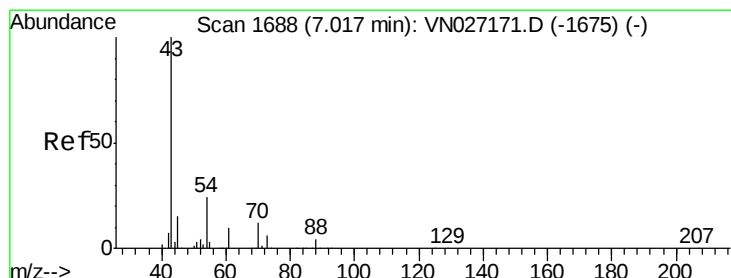
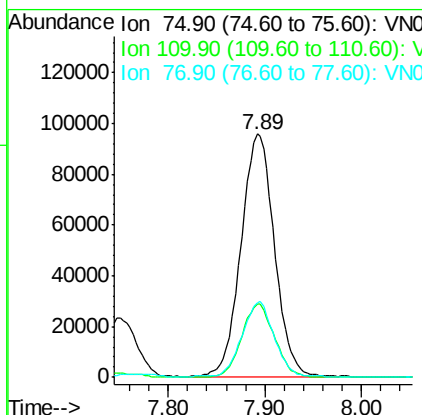
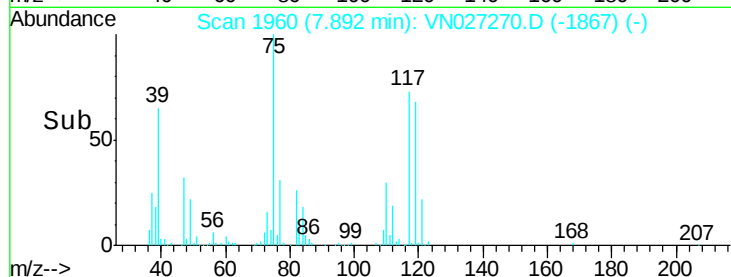
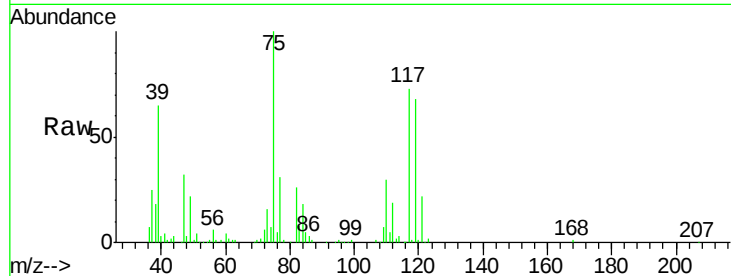




#37
 1,1-Dichloropropene
 Concen: 19.76 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

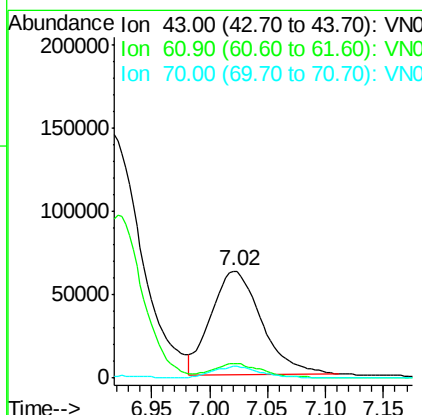
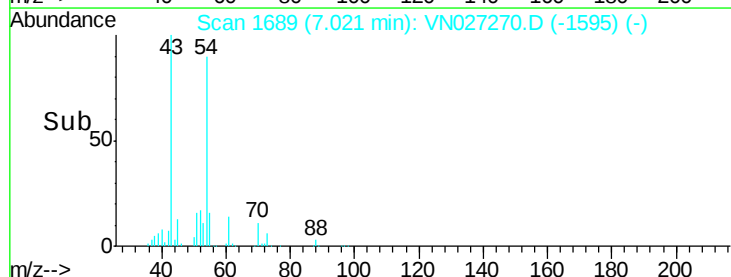
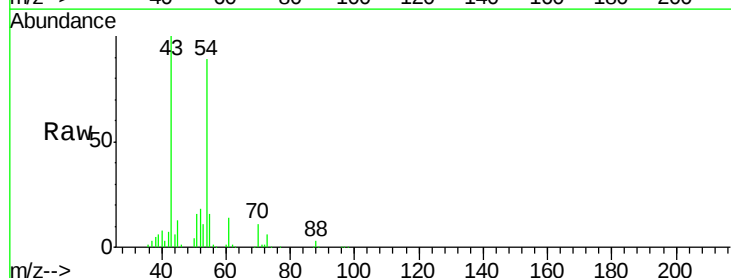
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

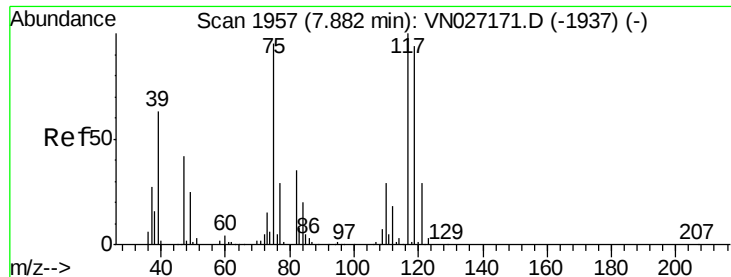
Tgt Ion	Ratio	Lower	Upper
75	100		
110	29.8	15.9	47.7
77	30.4	24.9	37.3



#38
 Ethyl Acetate
 Concen: 18.40 ug/l
 RT: 7.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	10.9	7.4	11.0





#39

Carbon Tetrachloride

Concen: 19.56 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

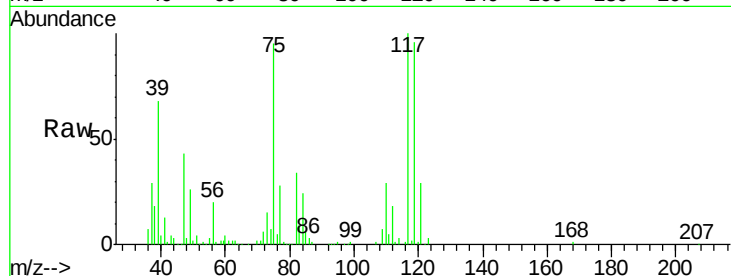
Tgt Ion:117 Resp: 213593

Ion Ratio Lower Upper

117 100

119 95.8 75.3 112.9

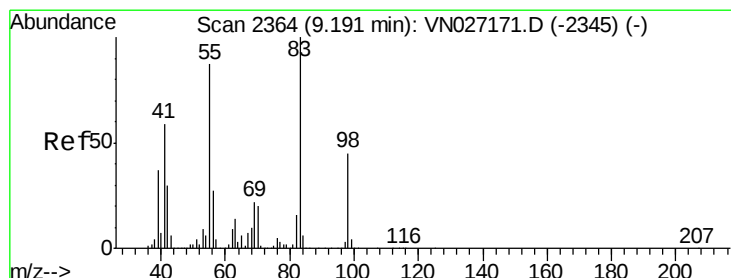
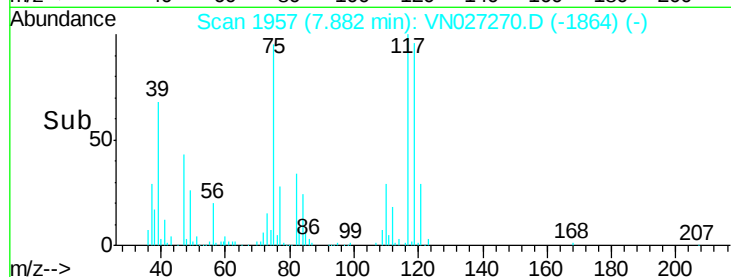
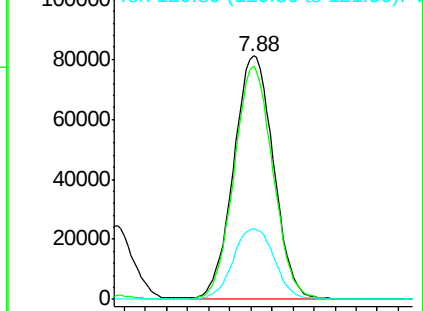
121 28.8 23.8 35.8



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: 19.15 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

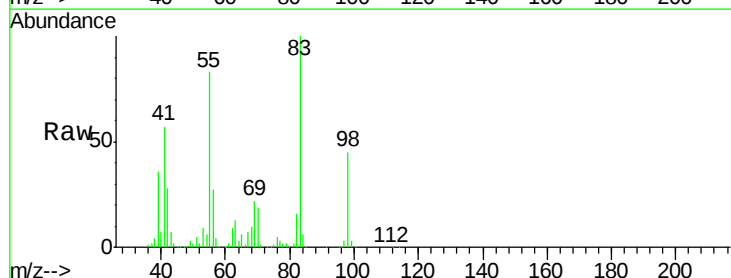
Tgt Ion: 83 Resp: 270822

Ion Ratio Lower Upper

83 100

55 83.1 69.8 104.8

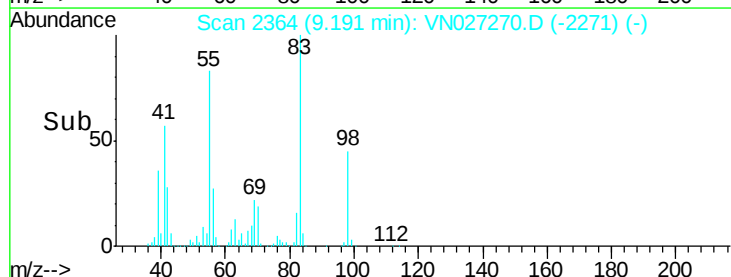
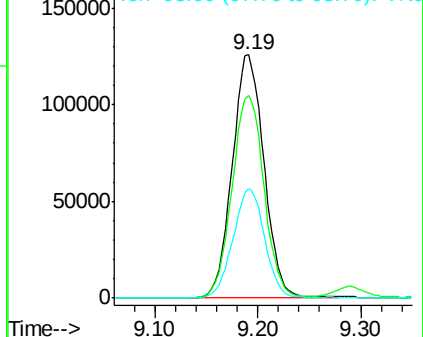
98 45.1 34.3 51.5

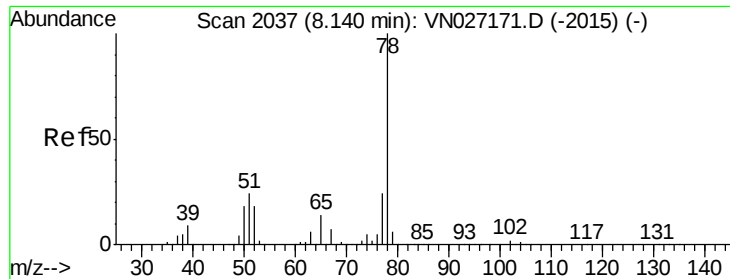


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#41

Benzene

Concen: 19.75 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

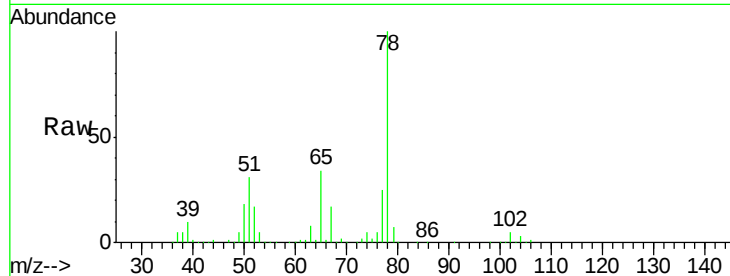
VN0917WBS02

Tgt Ion: 78 Resp: 669484

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VNC

Ion 77.00 (76.70 to 77.70): VNC

8.14

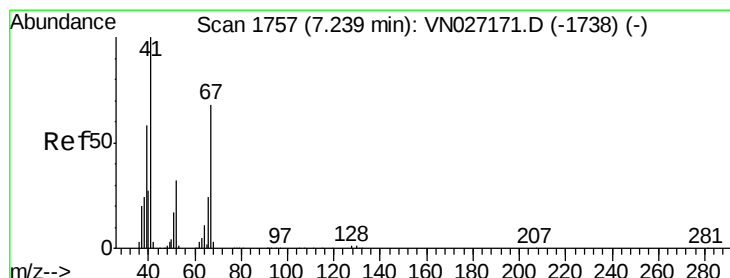
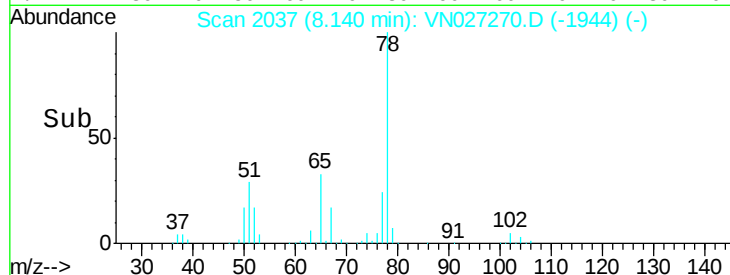
300000

200000

100000

0

Time-->



#42

Methacrylonitrile

Concen: 19.44 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Tgt Ion: 41 Resp: 109139

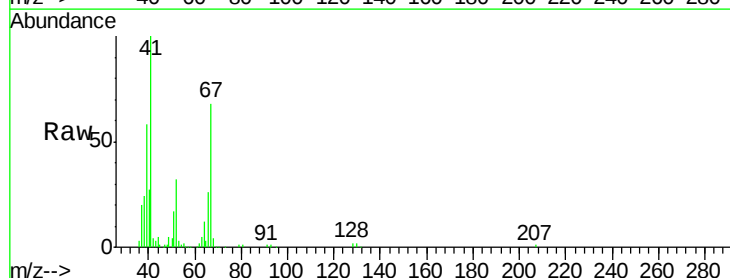
Ion Ratio Lower Upper

41 100

39 59.4 43.0 64.6

67 72.7 52.2 78.2

52 33.3 21.3 31.9#



Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC

80000

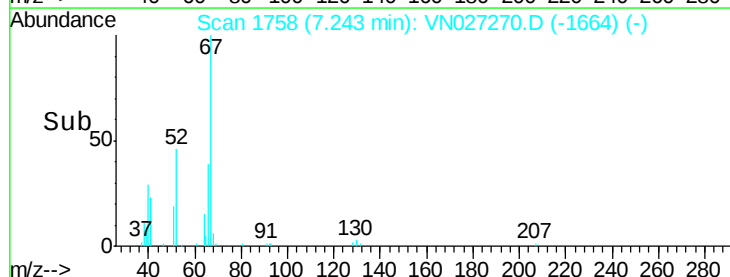
60000

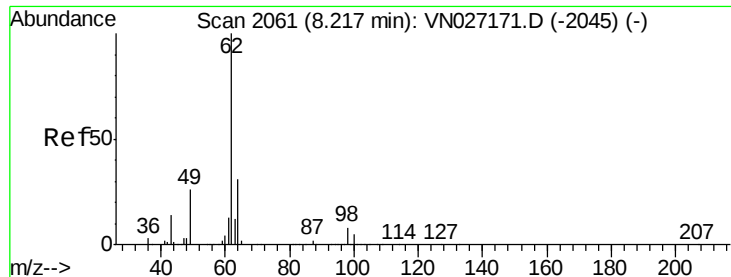
40000

20000

0

Time-->

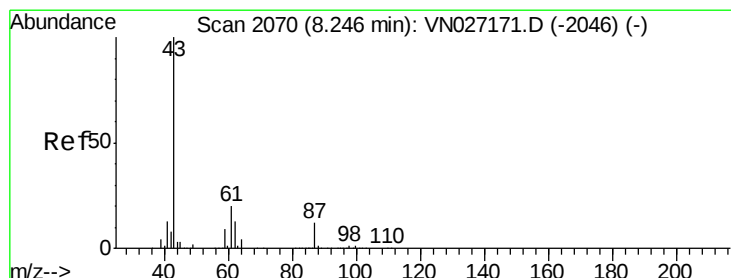
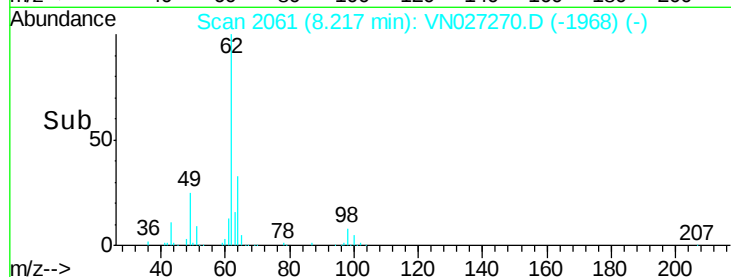
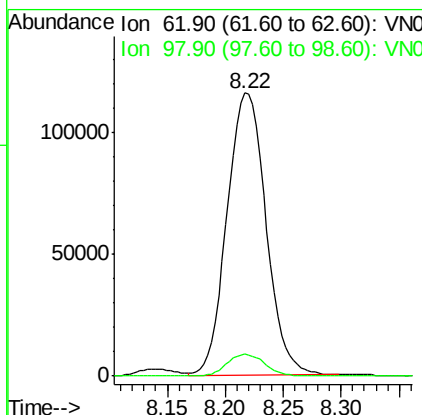
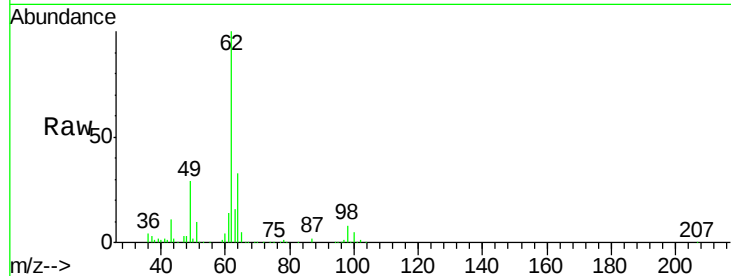




#43
 1,2-Dichloroethane
 Concen: 19.83 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

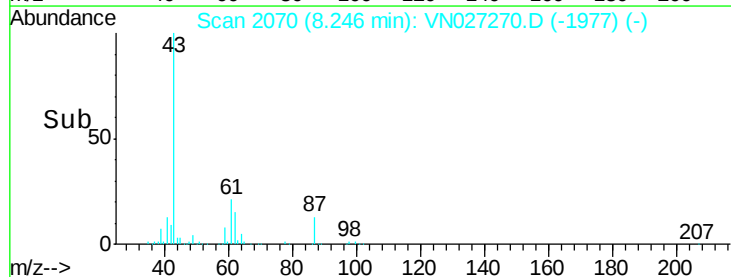
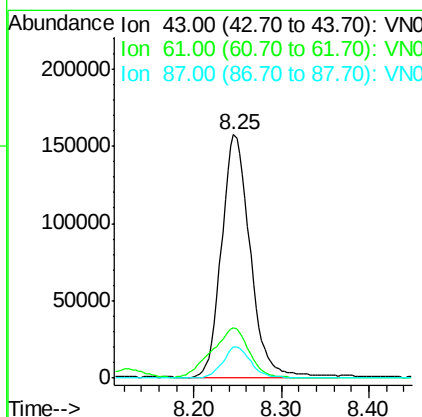
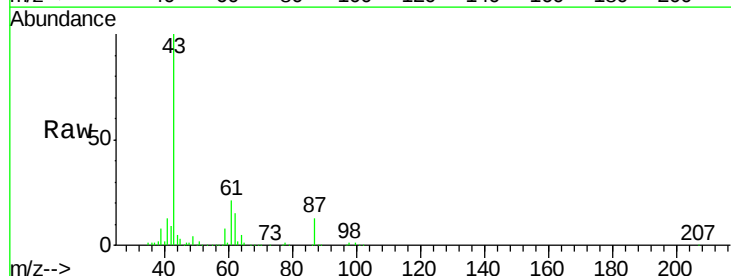
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917WBS02

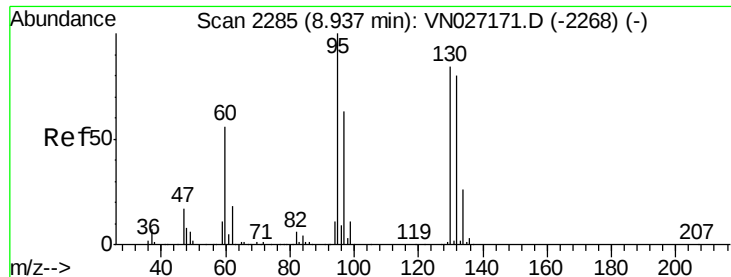
Tgt Ion: 62 Resp: 270763
 Ion Ratio Lower Upper
 62 100
 98 7.6 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 19.14 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion: 43 Resp: 355293
 Ion Ratio Lower Upper
 43 100
 61 26.6 20.6 31.0
 87 12.6 8.6 13.0





#45

Trichloroethene

Concen: 19.59 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

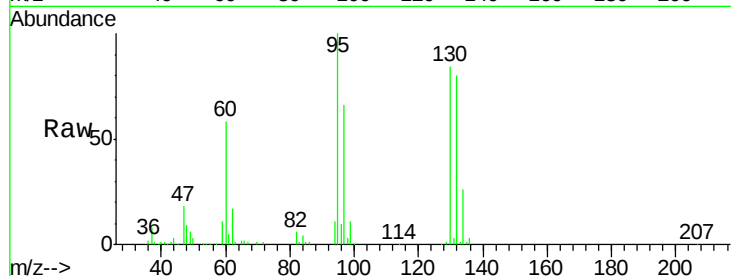
VN0917WBS02

Tgt Ion:130 Resp: 133332

Ion Ratio Lower Upper

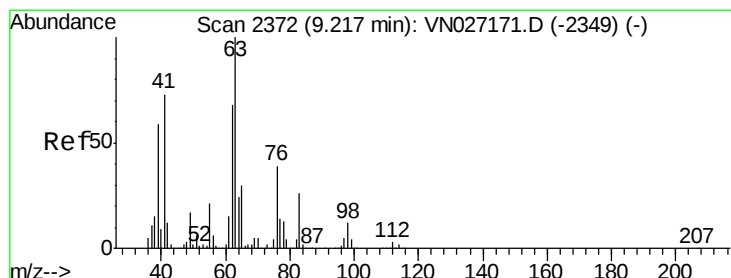
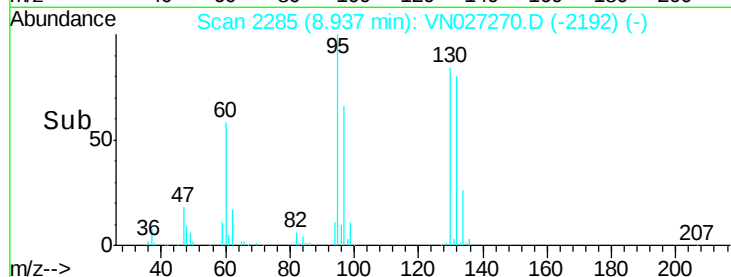
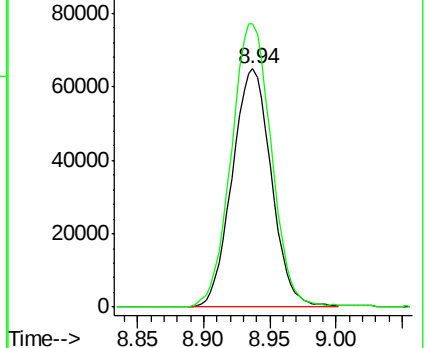
130 100

95 118.4 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: 19.49 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027270.D

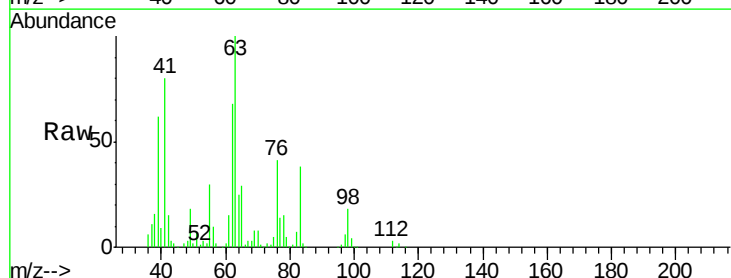
Acq: 17 Sep 2015 23:02

Tgt Ion: 63 Resp: 190006

Ion Ratio Lower Upper

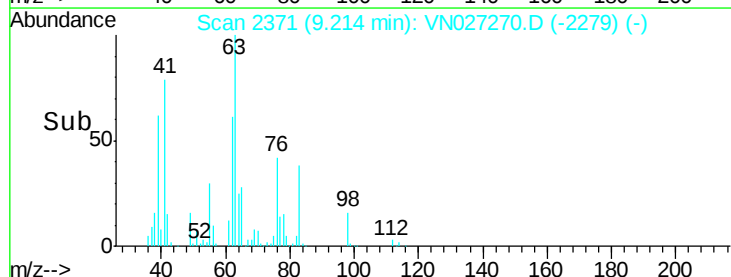
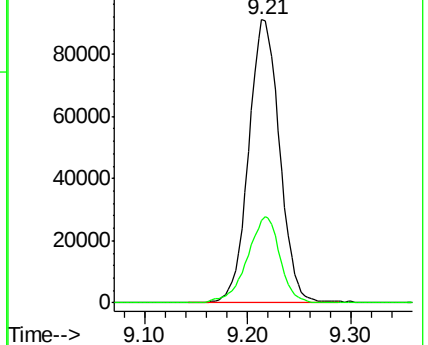
63 100

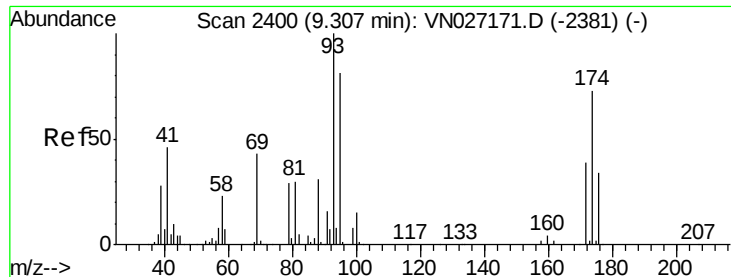
65 29.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

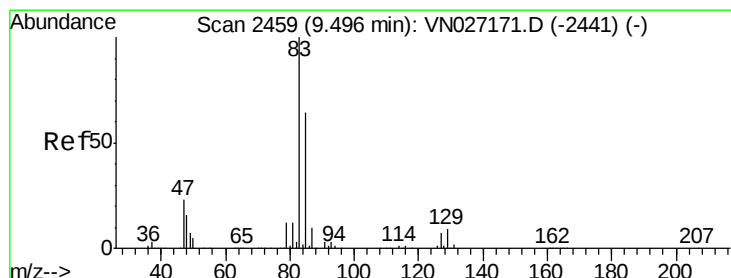
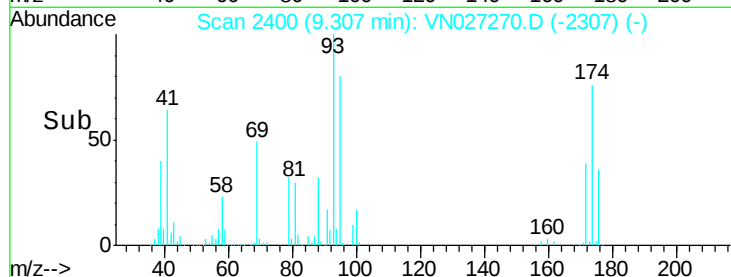
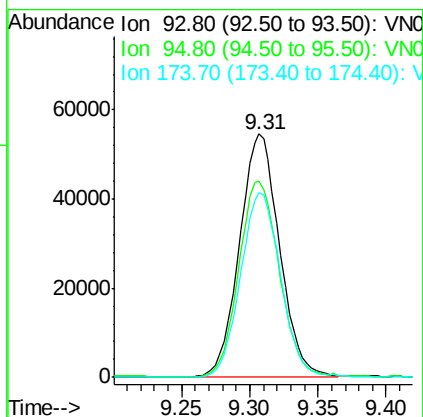
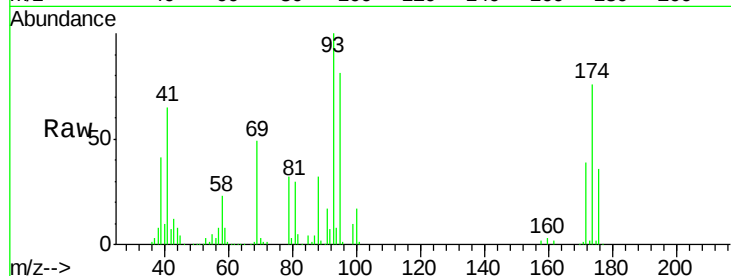




#47
 Dibromomethane
 Concen: 19.45 ug/l
 RT: 9.31 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

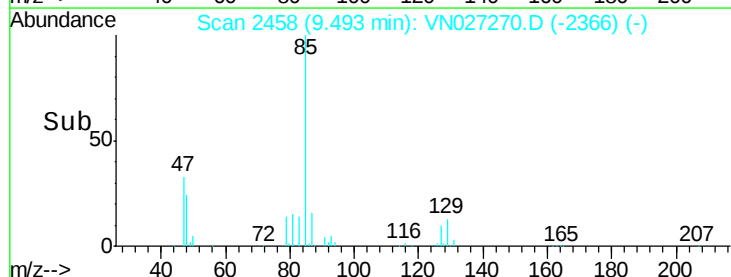
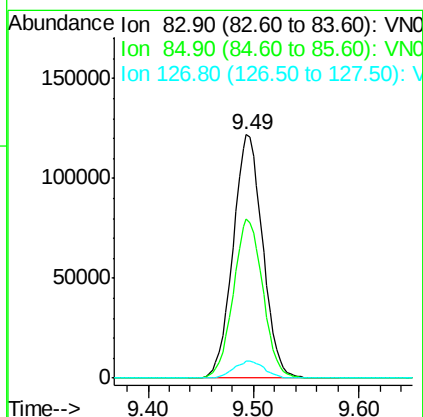
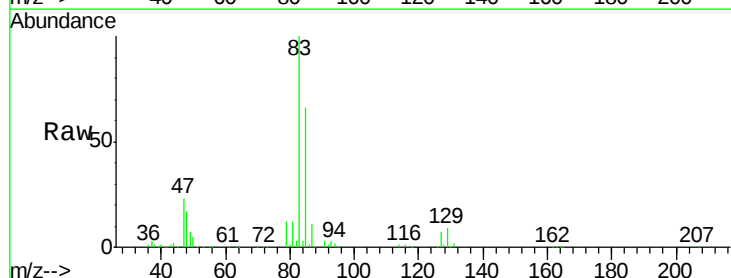
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

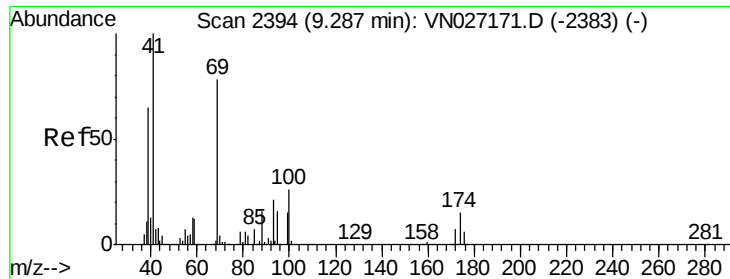
Tgt Ion: 93 Resp: 111358
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.3 99.5
 174 76.0 67.8 101.6



#48
 Bromodichloromethane
 Concen: 19.68 ug/l
 RT: 9.49 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion: 83 Resp: 237408
 Ion Ratio Lower Upper
 83 100
 85 65.6 50.7 76.1
 127 6.8 5.5 8.3

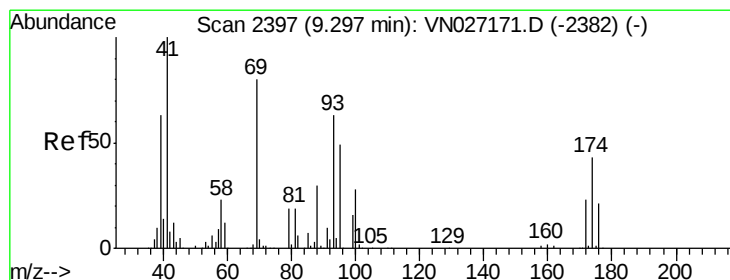
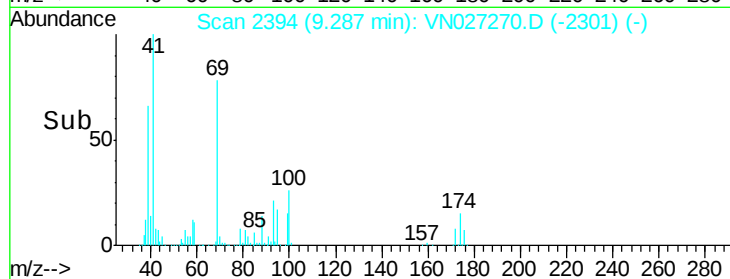
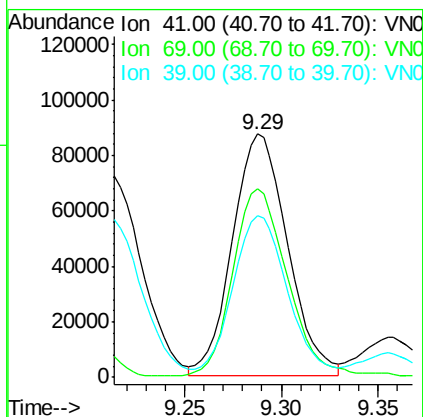
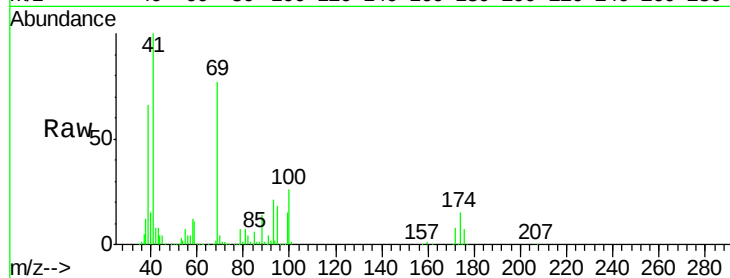




#49
Methyl methacrylate
Concen: 18.71 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

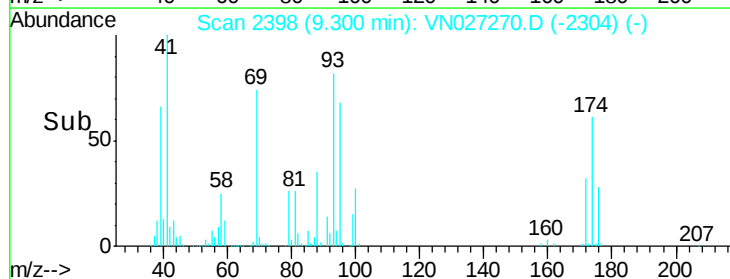
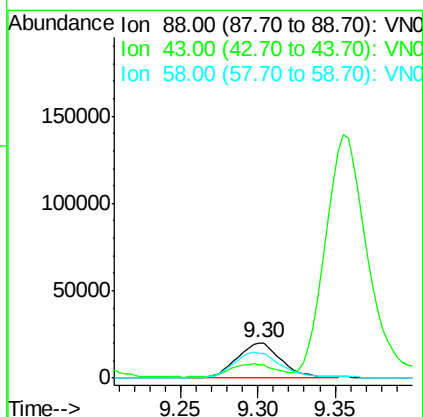
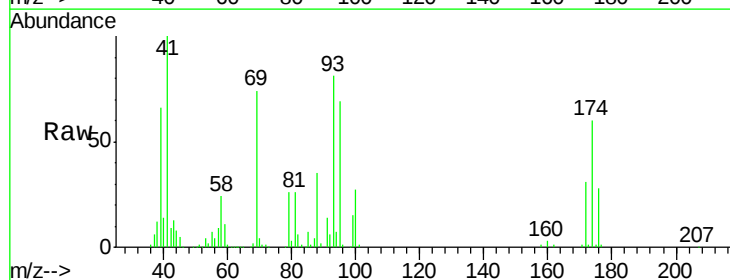
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS02

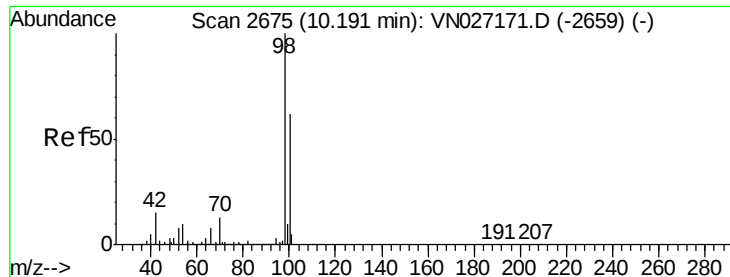
Tgt Ion: 41 Resp: 173067
Ion Ratio Lower Upper
41 100
69 76.1 59.3 88.9
39 65.5 39.5 59.3#



#50
1,4-Dioxane
Concen: 372.29 ug/l
RT: 9.30 min Scan# 2398
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

Tgt Ion: 88 Resp: 40380
Ion Ratio Lower Upper
88 100
43 37.8 27.6 41.4
58 77.8 63.1 94.7





#51

Toluene-d8

Concen: 48.40 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

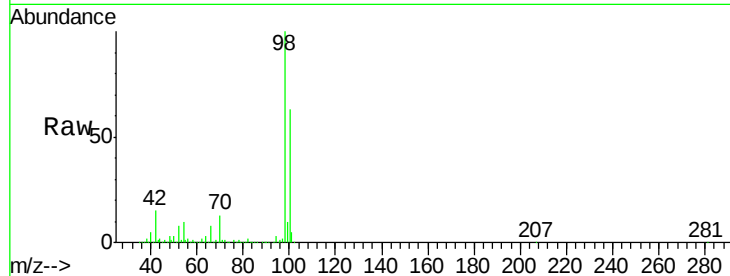
VN0917WBS02

Tgt Ion: 98 Resp: 1303410

Ion Ratio Lower Upper

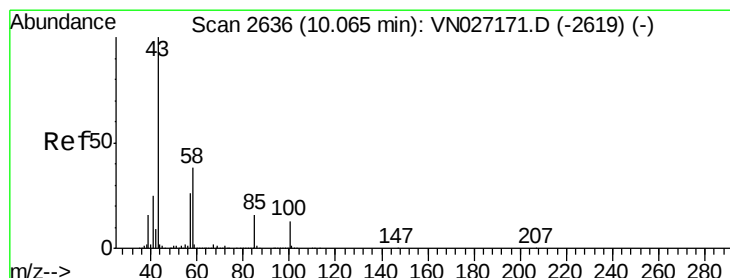
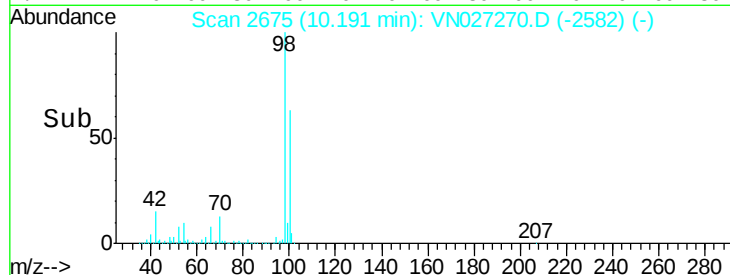
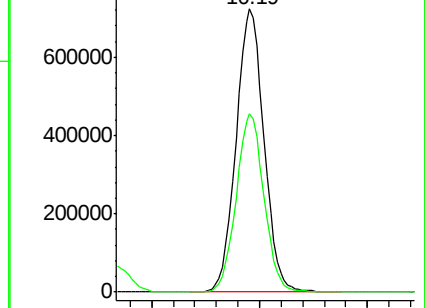
98 100

100 62.6 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 97.19 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027270.D

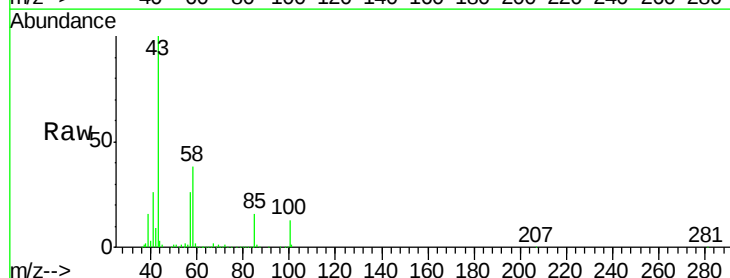
Acq: 17 Sep 2015 23:02

Tgt Ion: 43 Resp: 953843

Ion Ratio Lower Upper

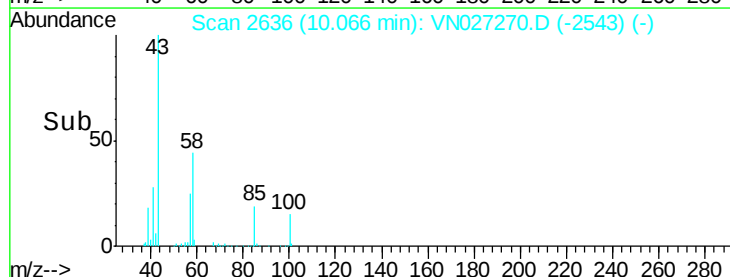
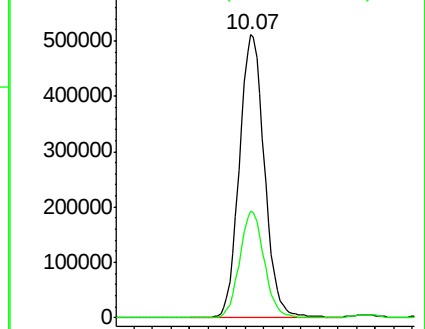
43 100

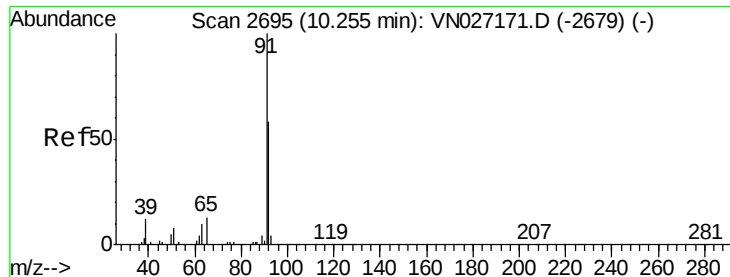
58 37.4 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 20.03 ug/l

RT: 10.26 min Scan# 2696

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

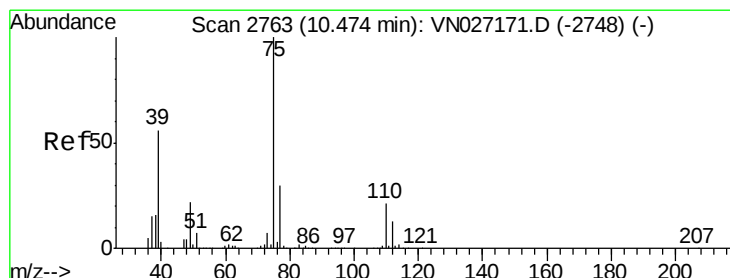
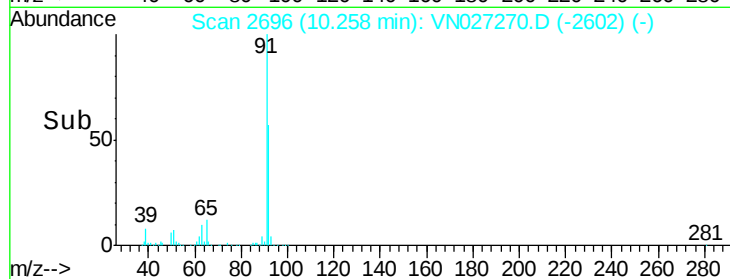
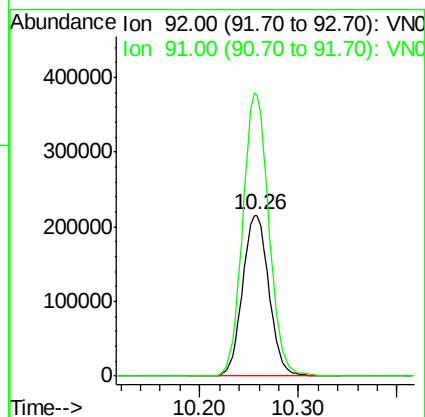
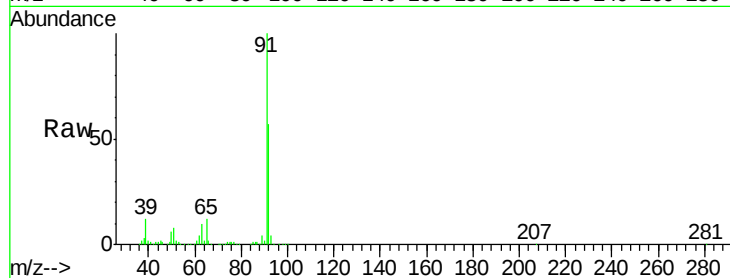
VN0917WBS02

Tgt Ion: 92 Resp: 397616

Ion Ratio Lower Upper

92 100

91 174.8 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 18.24 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027270.D

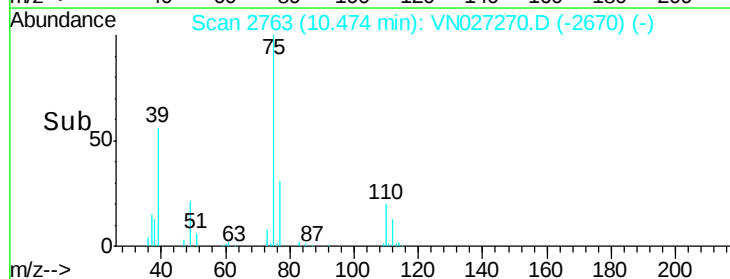
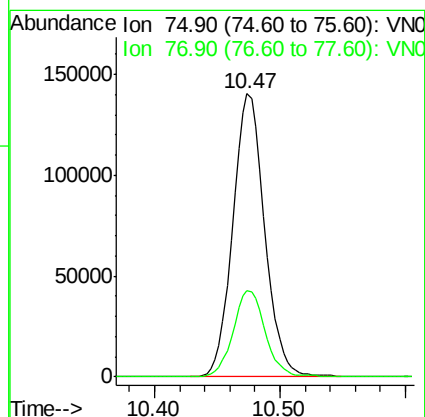
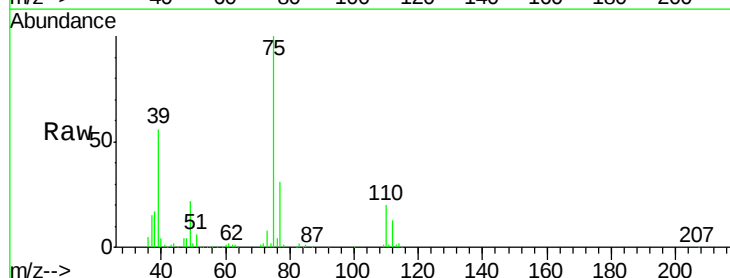
Acq: 17 Sep 2015 23:02

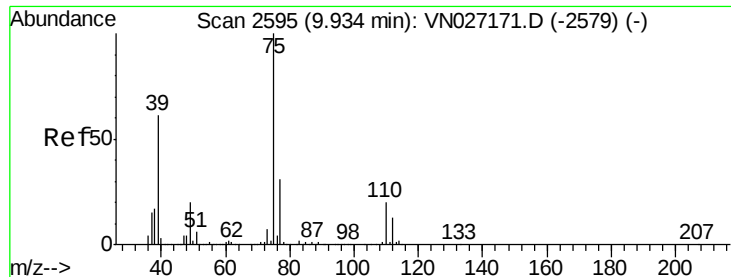
Tgt Ion: 75 Resp: 247147

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 18.23 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

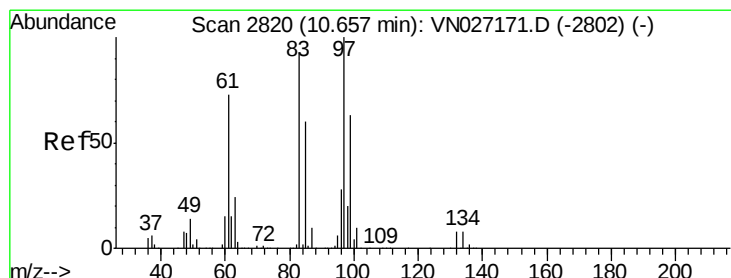
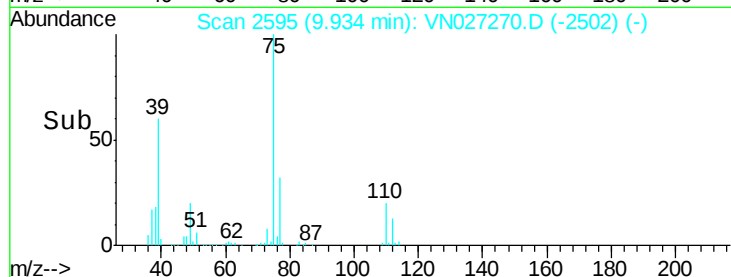
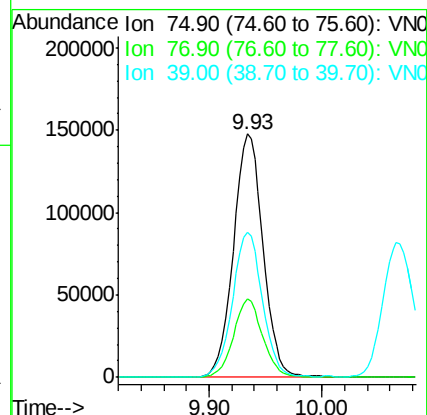
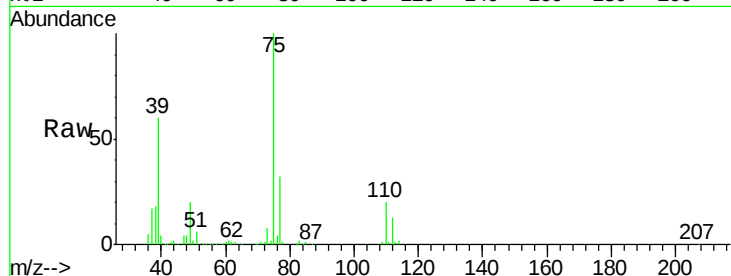
Tgt Ion: 75 Resp: 268768

Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4

39 59.4 41.6 62.4



#56

1,1,2-Trichloroethane

Concen: 20.54 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Tgt Ion: 97 Resp: 153258

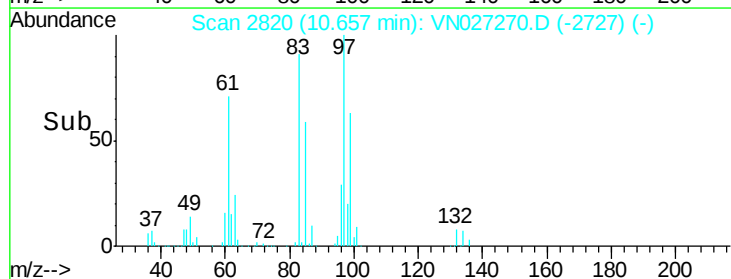
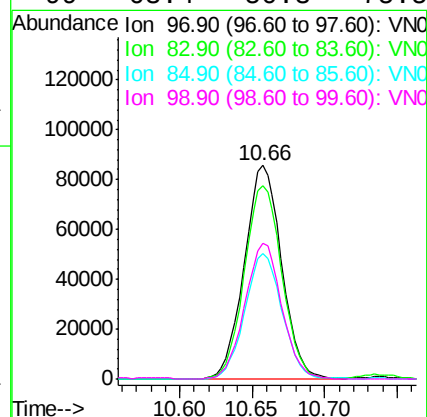
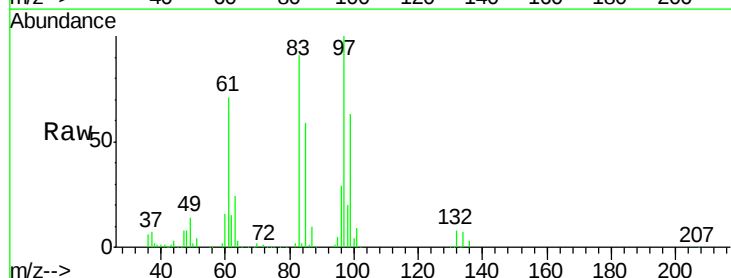
Ion Ratio Lower Upper

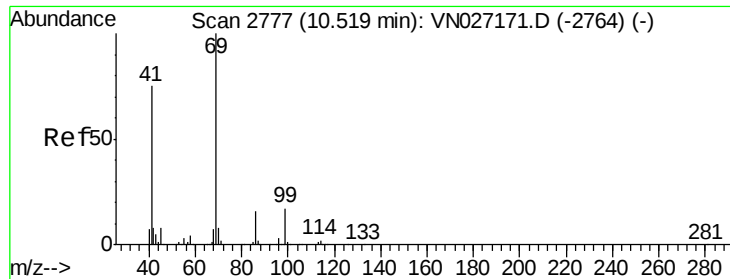
97 100

83 90.8 75.0 112.4

85 58.6 48.0 72.0

99 63.4 50.3 75.5





#57

Ethyl methacrylate

Concen: 19.02 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

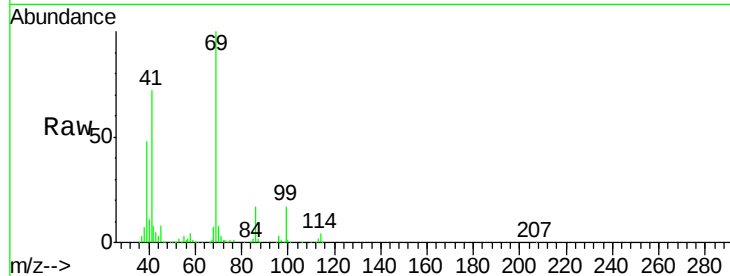
Tgt Ion: 69 Resp: 239192

Ion Ratio Lower Upper

69 100

41 72.0 61.3 91.9

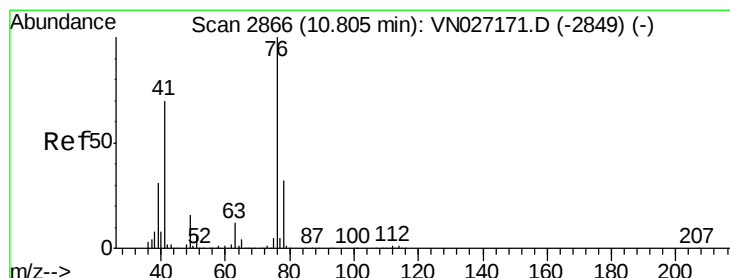
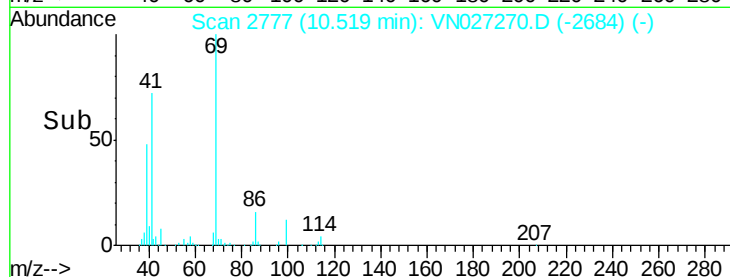
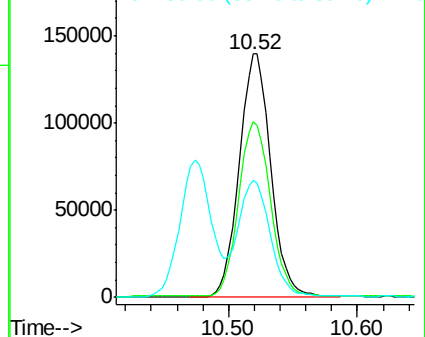
39 46.6 28.4 42.6#



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: 19.87 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027270.D

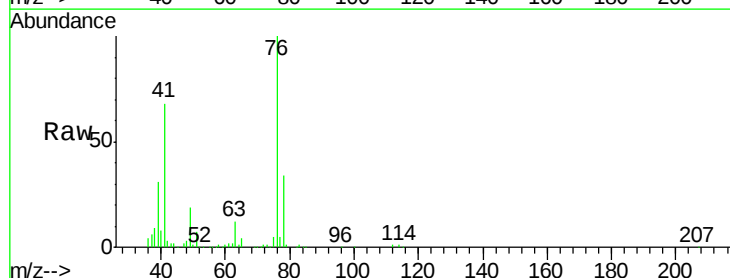
Acq: 17 Sep 2015 23:02

Tgt Ion: 76 Resp: 275217

Ion Ratio Lower Upper

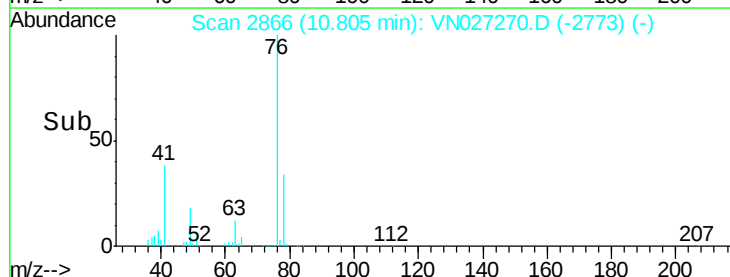
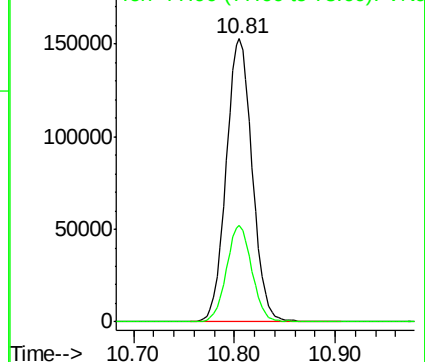
76 100

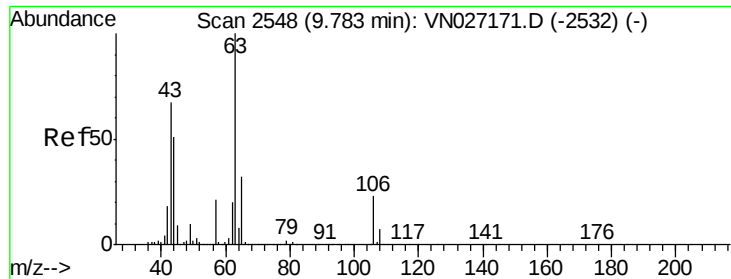
78 33.4 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

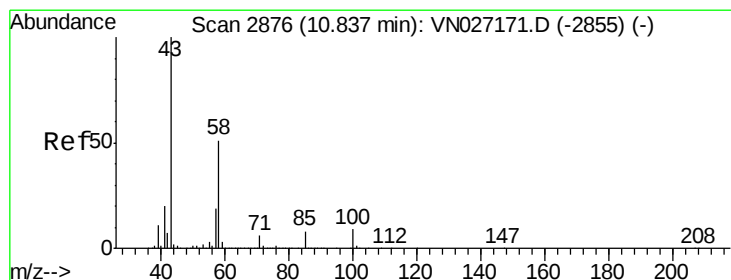
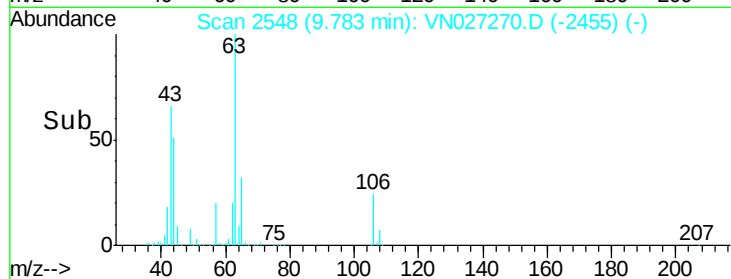
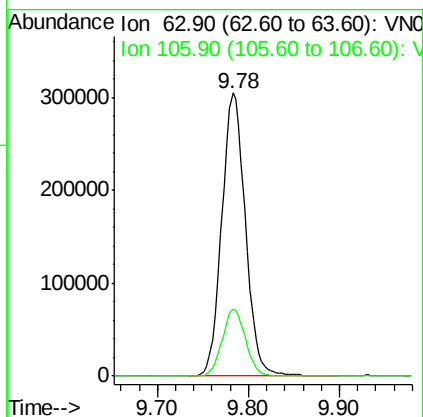
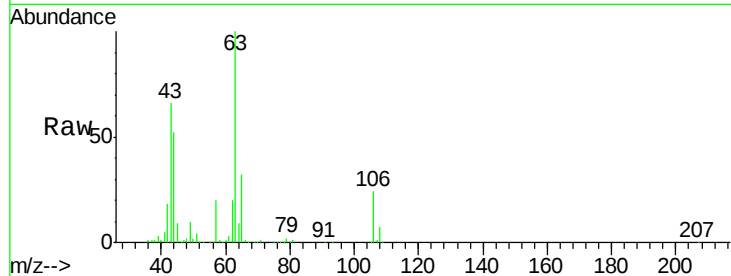




#59
 2-Chloroethyl Vinyl ether
 Concen: 95.53 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

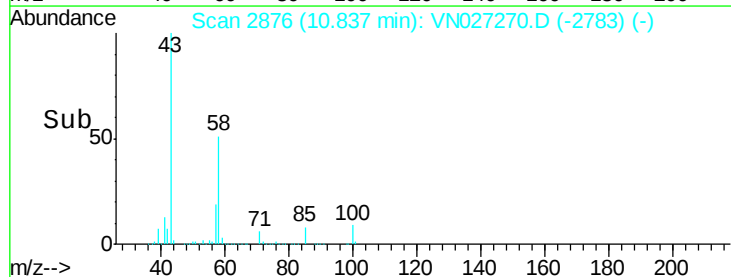
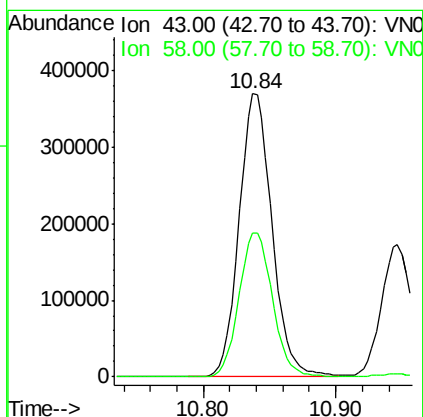
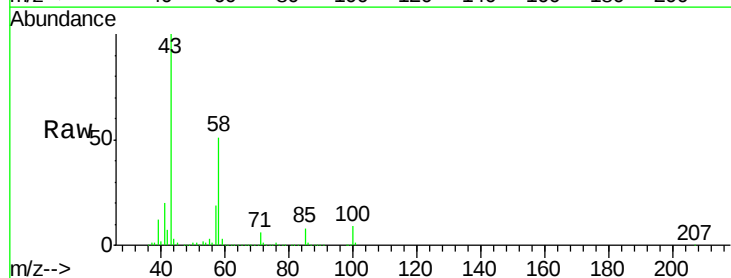
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

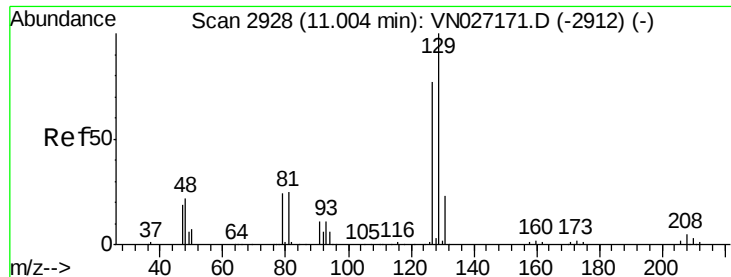
Tgt Ion: 63 Resp: 551485
 Ion Ratio Lower Upper
 63 100
 106 23.5 17.7 26.5



#60
 2-Hexanone
 Concen: 94.82 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion: 43 Resp: 633596
 Ion Ratio Lower Upper
 43 100
 58 52.1 26.2 78.5

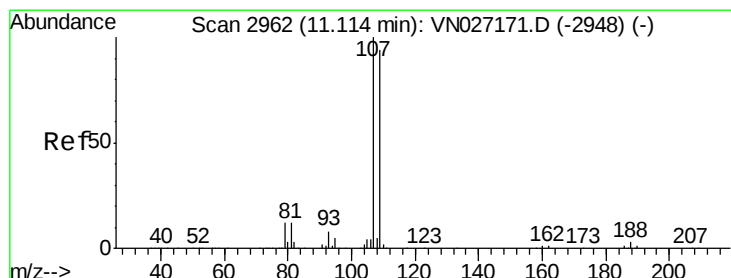
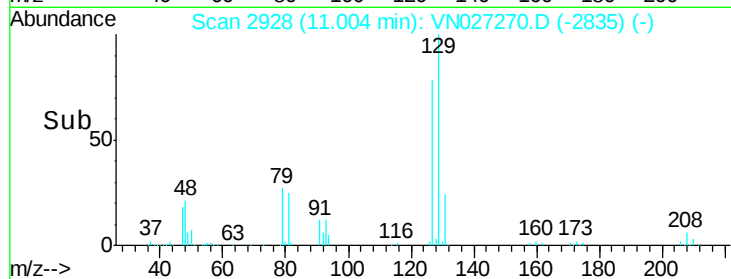
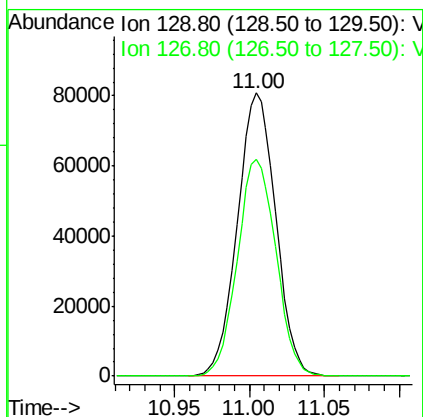
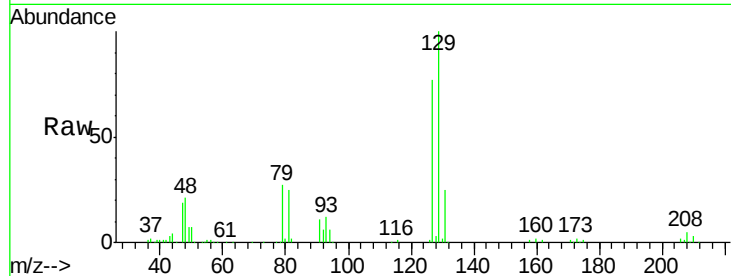




#61
 Dibromochloromethane
 Concen: 18.91 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

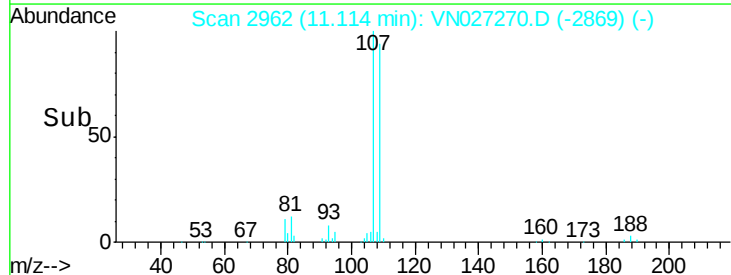
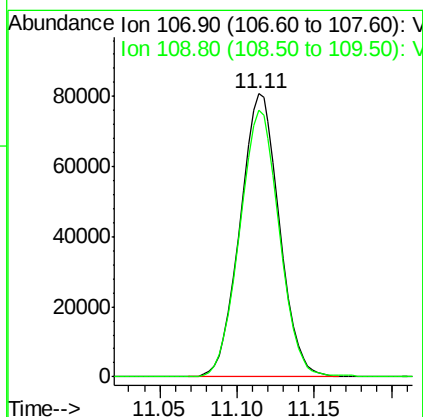
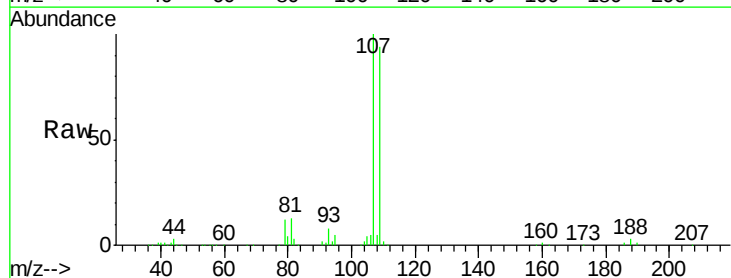
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

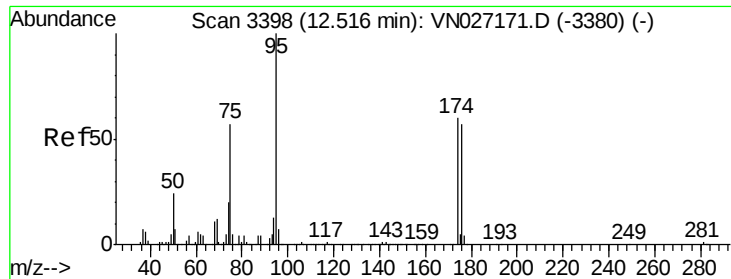
Tgt Ion:129 Resp: 144047
 Ion Ratio Lower Upper
 129 100
 127 77.3 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 19.45 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion:107 Resp: 142634
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.6 113.4

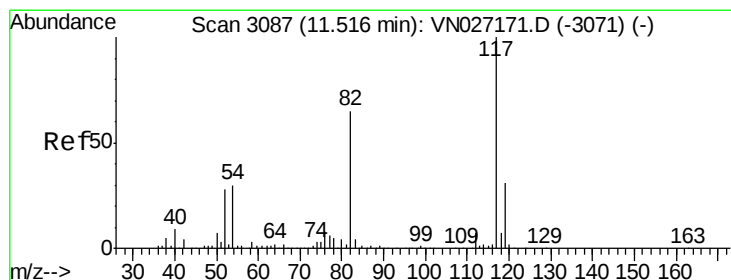
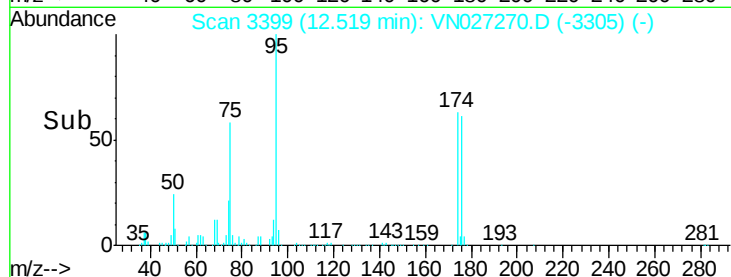
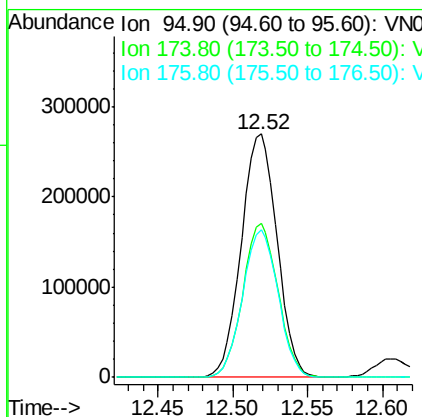
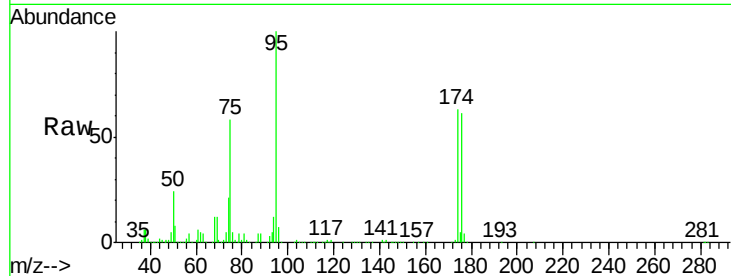




#63
4-Bromofluorobenzene
Concen: 47.09 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

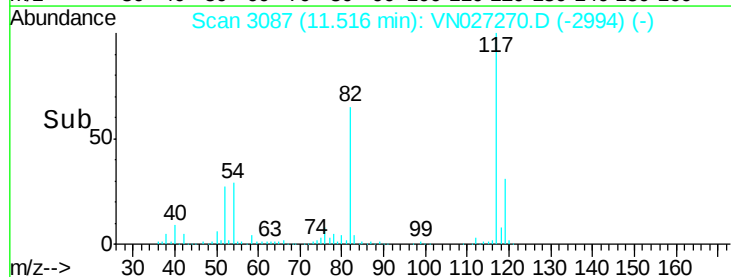
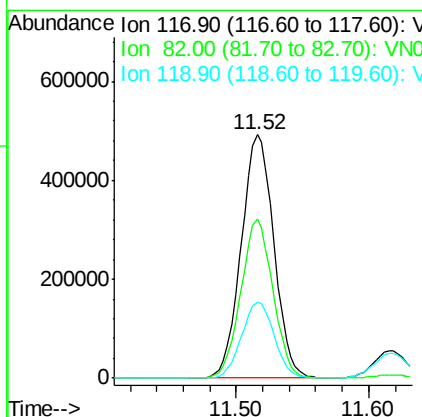
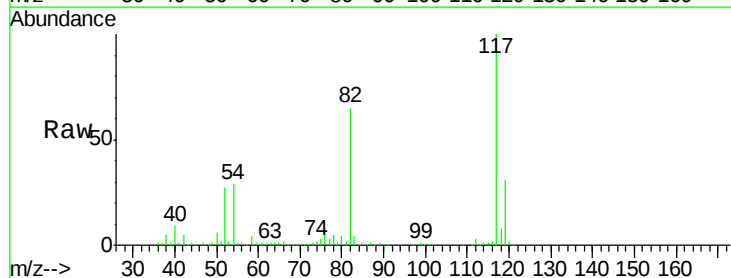
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS02

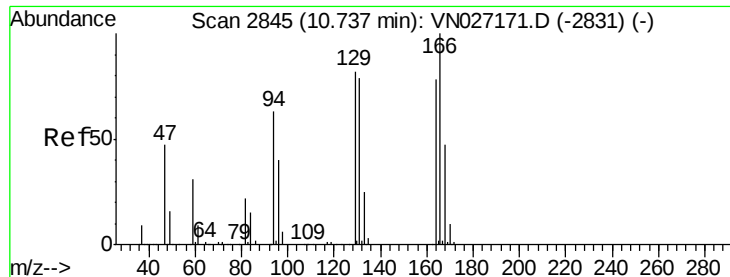
Tgt Ion: 95 Resp: 450117
Ion Ratio Lower Upper
95 100
174 62.3 0.0 137.0
176 60.2 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

Tgt Ion: 117 Resp: 840617
Ion Ratio Lower Upper
117 100
82 65.2 49.6 74.4
119 31.3 24.6 36.8





#65

Tetrachloroethene

Concen: 20.06 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

Tgt Ion:164 Resp: 107831

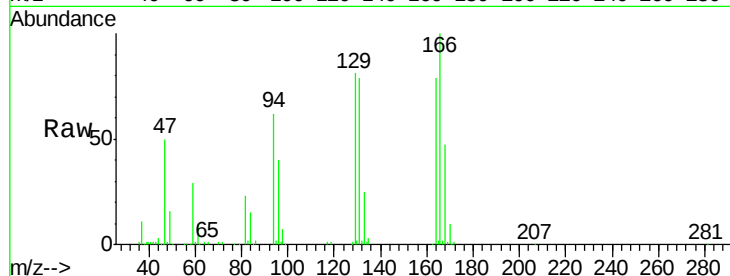
Ion Ratio Lower Upper

164 100

166 126.6 103.4 155.0

129 102.9 77.5 116.3

131 100.0 74.2 111.4

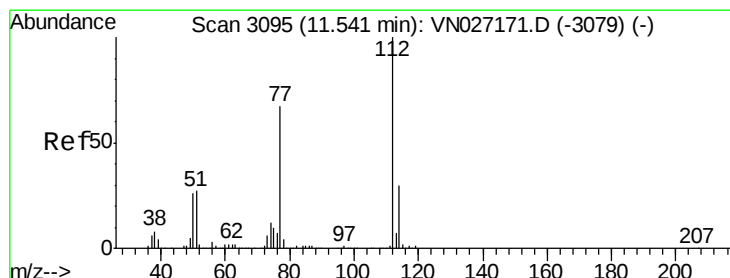
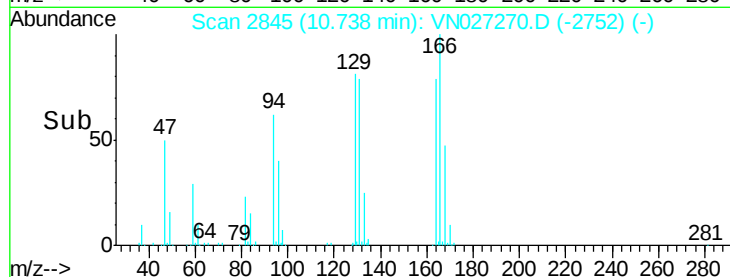
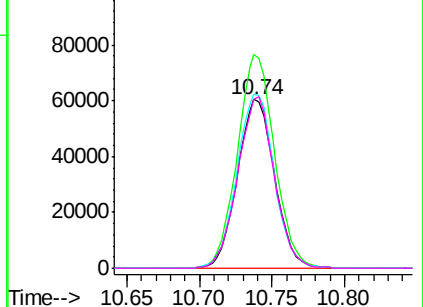


Abundance Ion 163.80 (163.50 to 164.50): V

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: 19.69 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027270.D

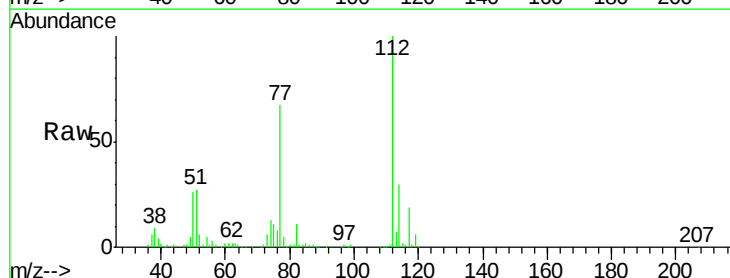
Acq: 17 Sep 2015 23:02

Tgt Ion:112 Resp: 390745

Ion Ratio Lower Upper

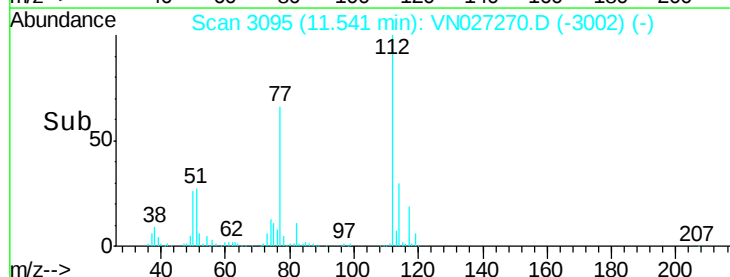
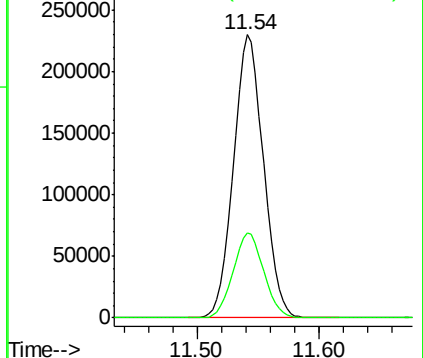
112 100

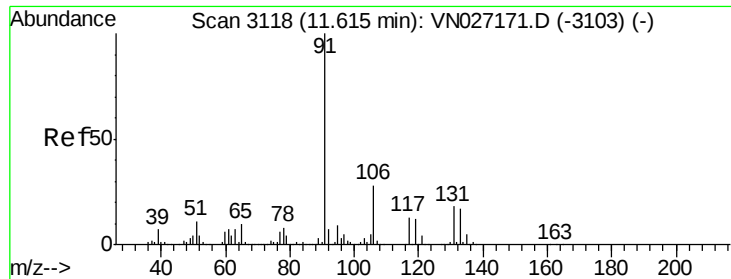
114 30.1 24.9 37.3



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: 19.88 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

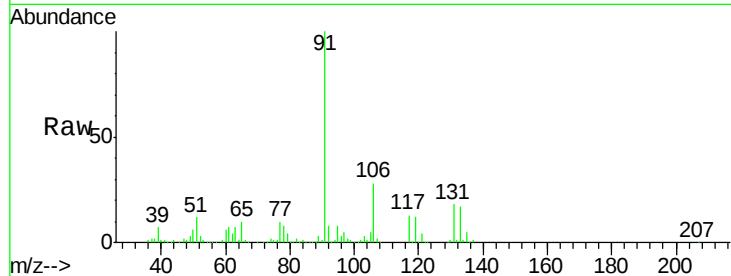
Tgt Ion:131 Resp: 134600

Ion Ratio Lower Upper

131 100

133 93.2 47.0 141.2

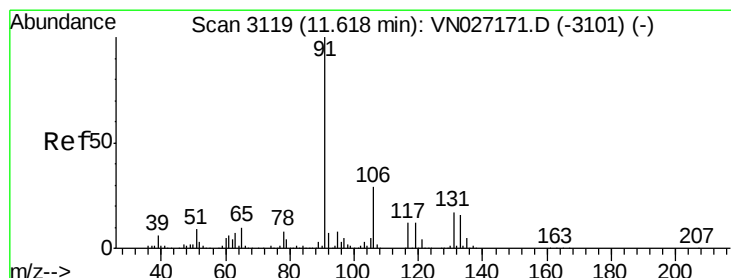
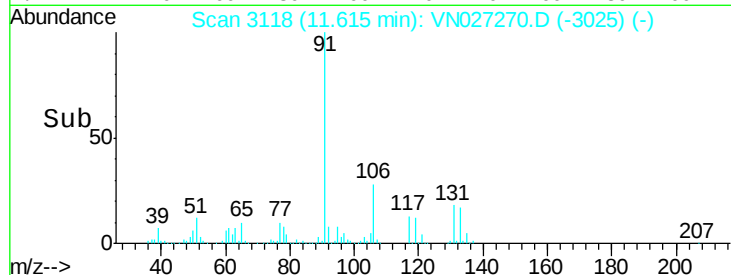
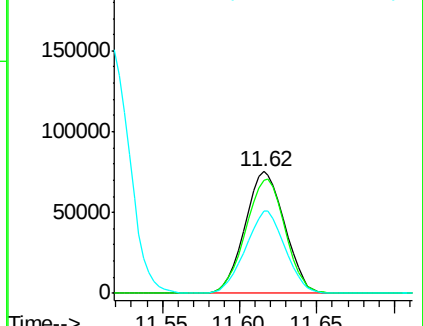
119 67.6 35.1 105.5



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: 19.81 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027270.D

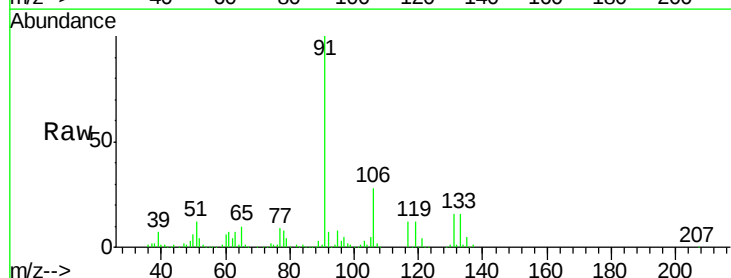
Acq: 17 Sep 2015 23:02

Tgt Ion: 91 Resp: 745542

Ion Ratio Lower Upper

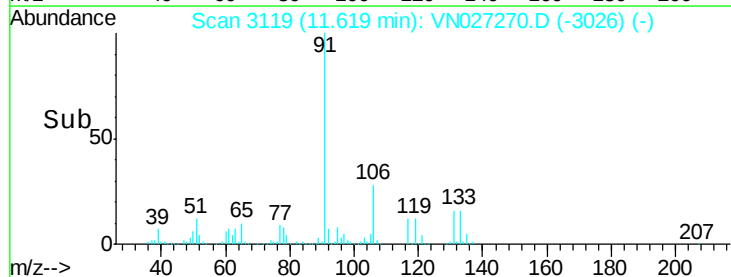
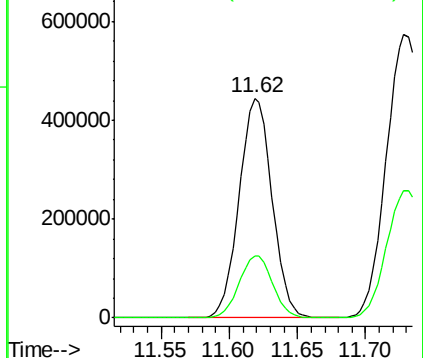
91 100

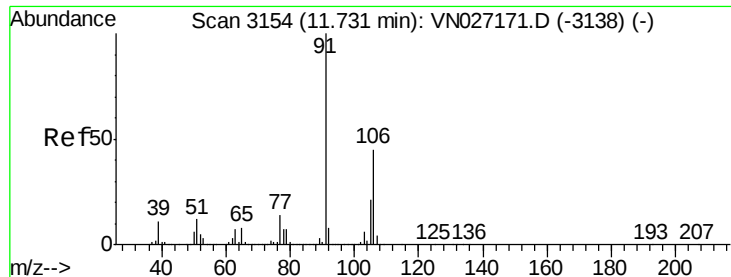
106 28.4 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

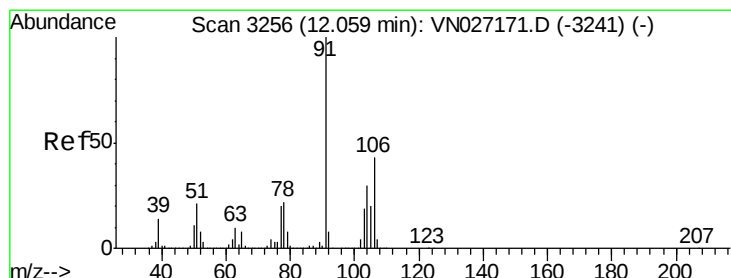
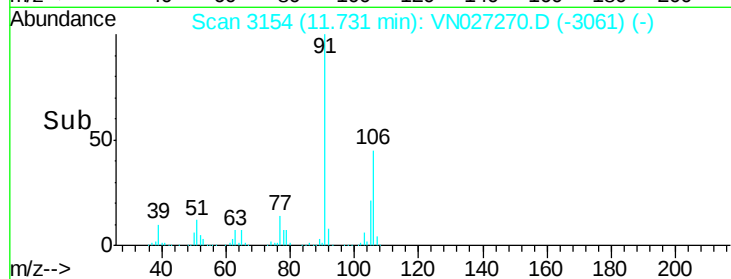
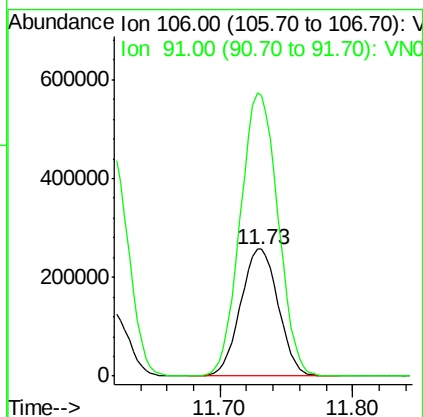
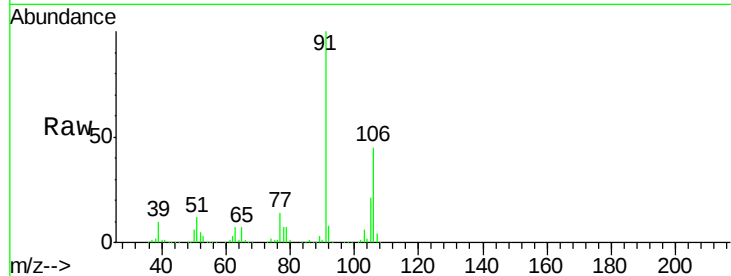




#69
m/p-Xylenes
Concen: 38.97 ug/l
RT: 11.73 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

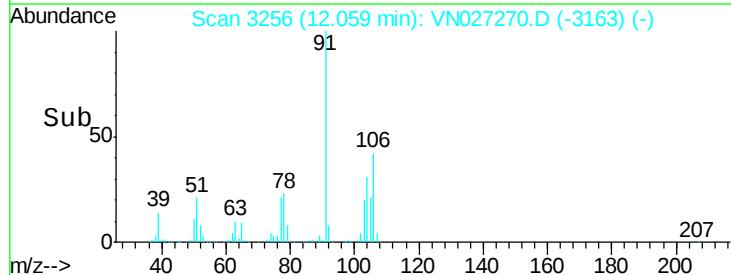
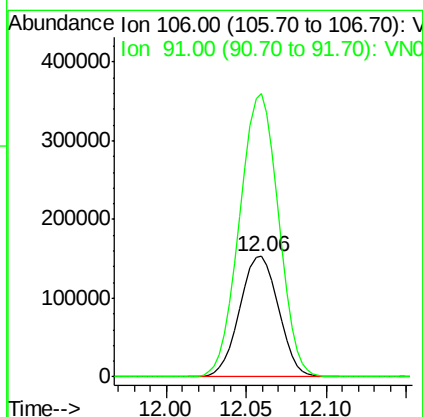
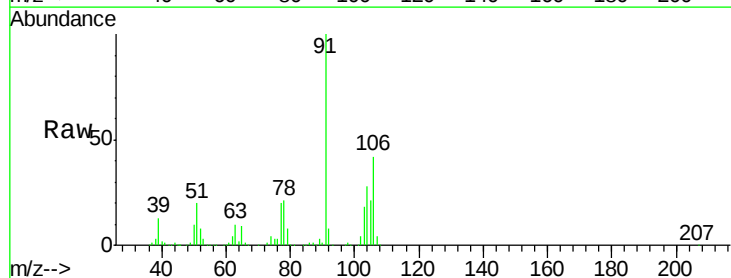
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS02

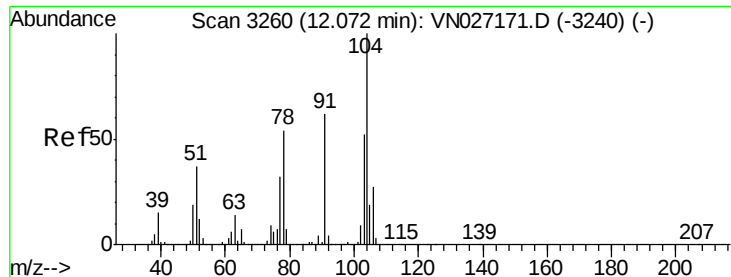
Tgt Ion:106 Resp: 505928
Ion Ratio Lower Upper
106 100
91 223.3 167.1 250.7



#70
o-Xylene
Concen: 19.50 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

Tgt Ion:106 Resp: 253852
Ion Ratio Lower Upper
106 100
91 236.2 110.7 331.9





#71

Styrene

Concen: 19.62 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

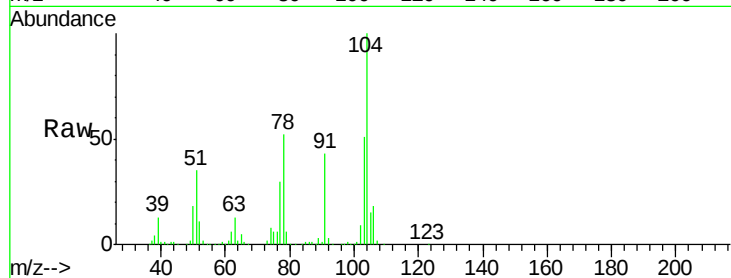
Tgt Ion:104 Resp: 412158

Ion Ratio Lower Upper

104 100

78 59.6 41.6 62.4

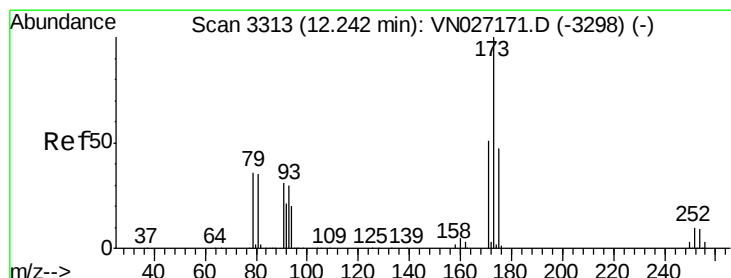
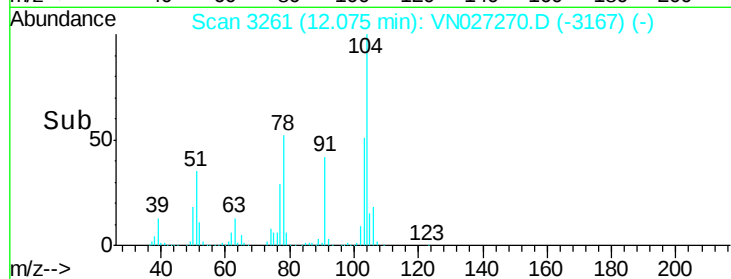
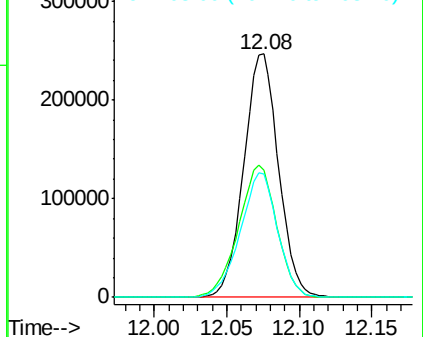
103 55.1 44.2 66.2



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: 18.83 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

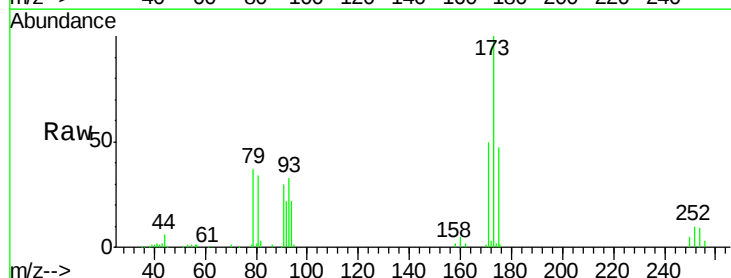
Tgt Ion:173 Resp: 88634

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.4

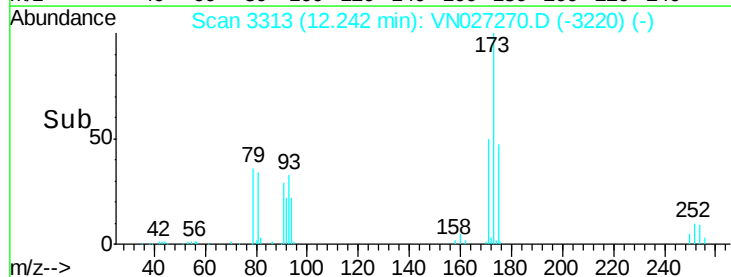
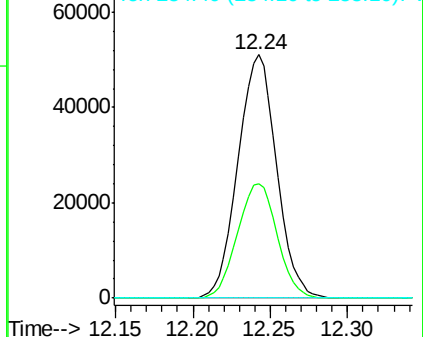
254 0.0 0.1 0.1#

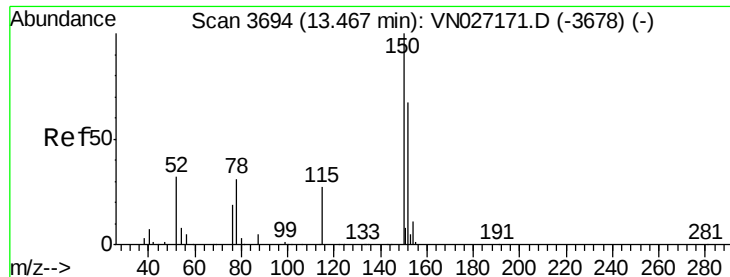


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

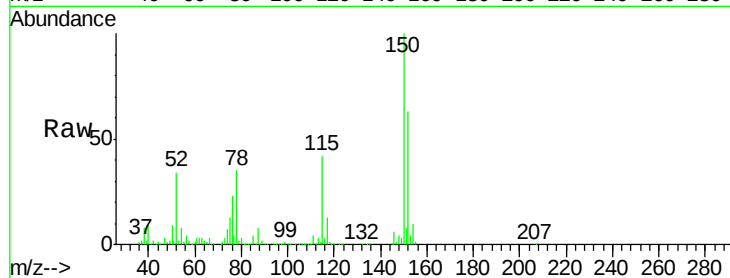
Tgt Ion:152 Resp: 308016

Ion Ratio Lower Upper

152 100

115 68.2 30.8 92.3

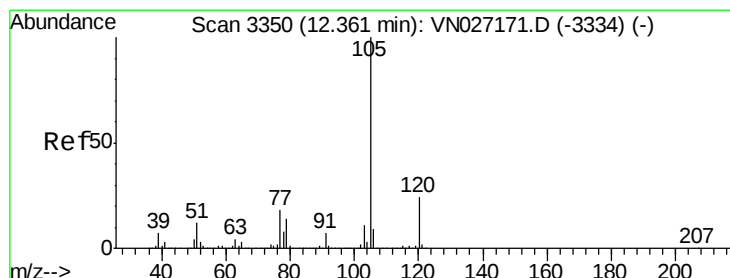
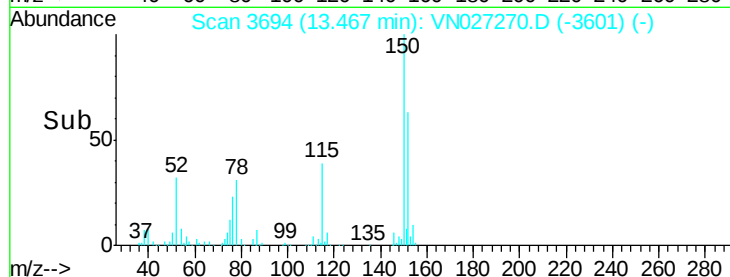
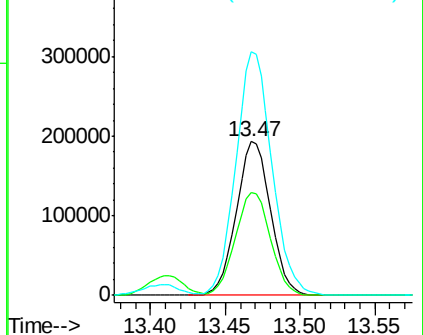
150 166.3 0.0 345.0



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: 20.19 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027270.D

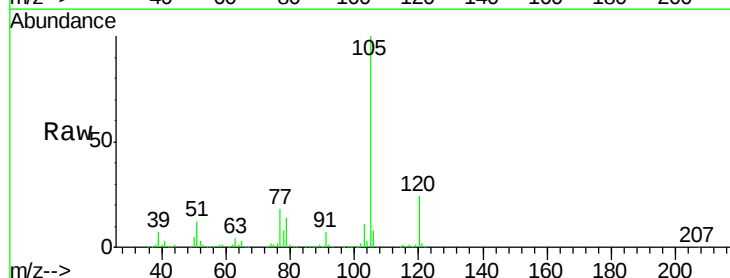
Acq: 17 Sep 2015 23:02

Tgt Ion:105 Resp: 685199

Ion Ratio Lower Upper

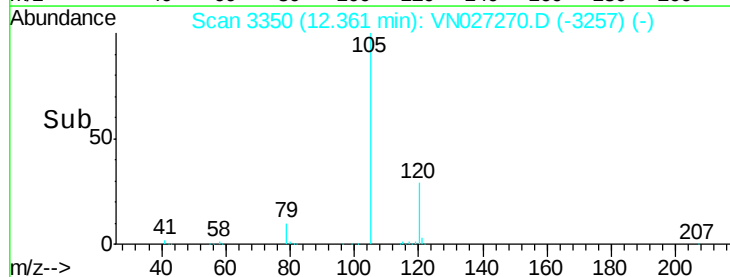
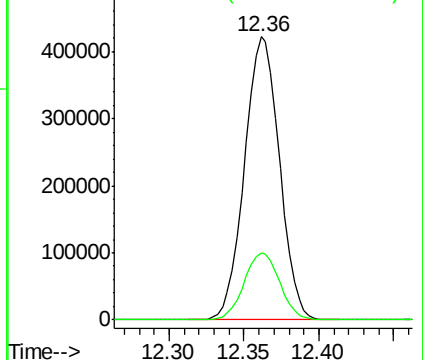
105 100

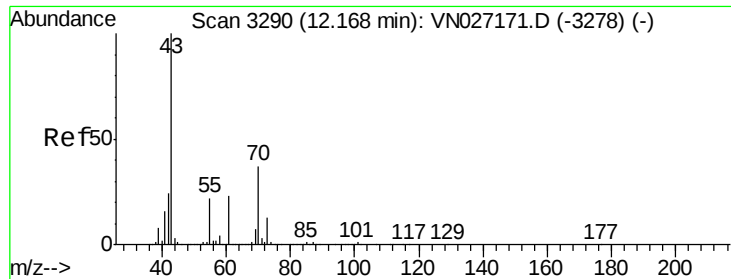
120 24.2 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

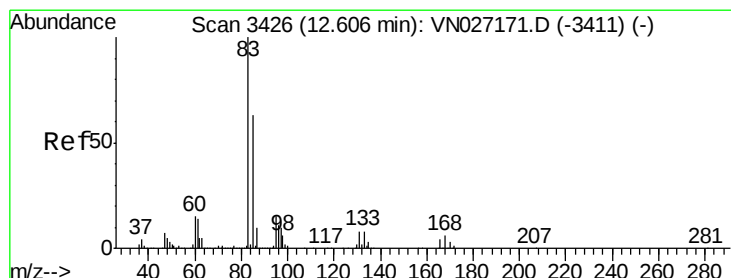
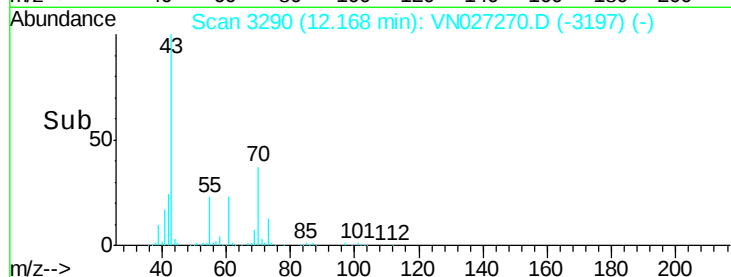
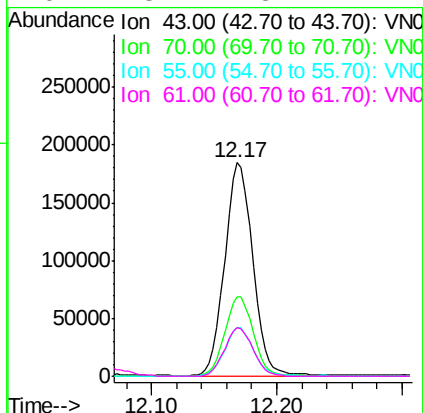
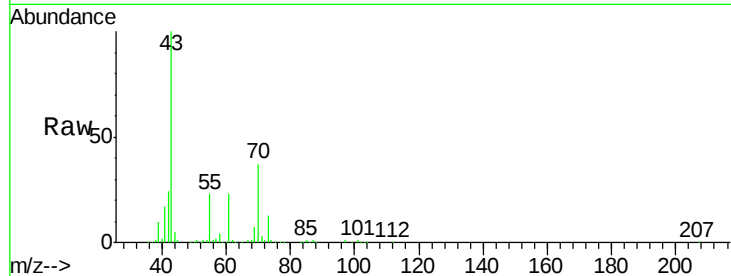




#75
N-ethyl acetate
Concen: 18.90 ug/l
RT: 12.17 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

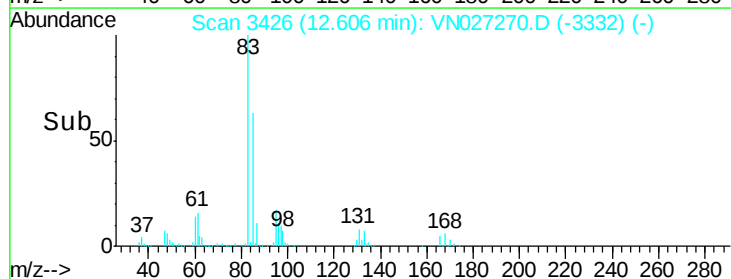
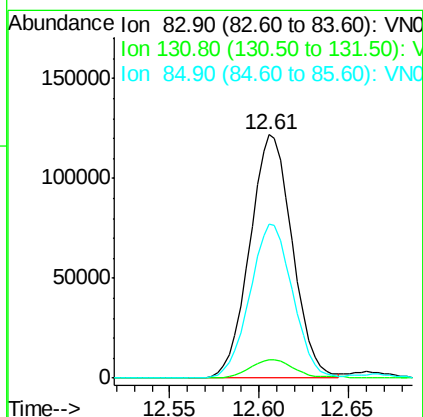
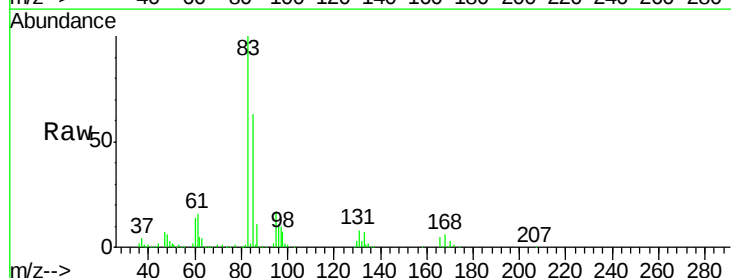
Instrument :
MSVOA_N
ClientSampled :
VN0917WBS02

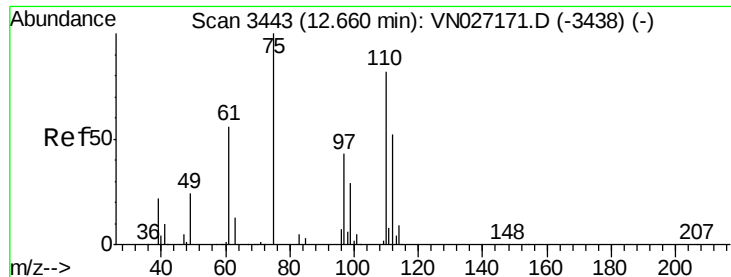
Tgt Ion:	43	Resp:	286257
Ion	Ratio	Lower	Upper
43	100		
70	38.0	29.8	44.8
55	23.3	19.4	29.0
61	23.1	18.2	27.2



#76
1,1,2,2-Tetrachloroethane
Concen: 21.23 ug/l
RT: 12.61 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

Tgt Ion:	83	Resp:	203408
Ion	Ratio	Lower	Upper
83	100		
131	7.8	4.1	12.3
85	63.7	31.9	95.7





#77

1,2,3-Trichloropropane

Concen: 28.86 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

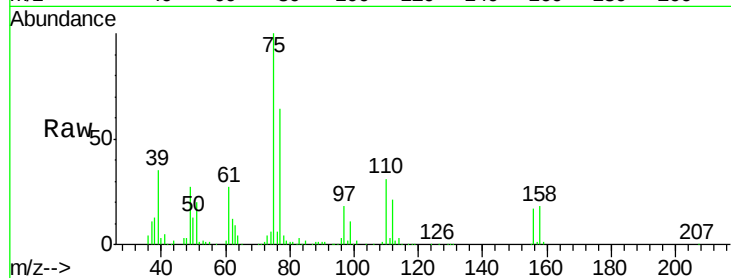
VN0917WBS02

Tgt Ion: 75 Resp: 268616

Ion Ratio Lower Upper

75 100

77 137.2 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN027270.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN027270.D (-3350) (-)

200000

150000

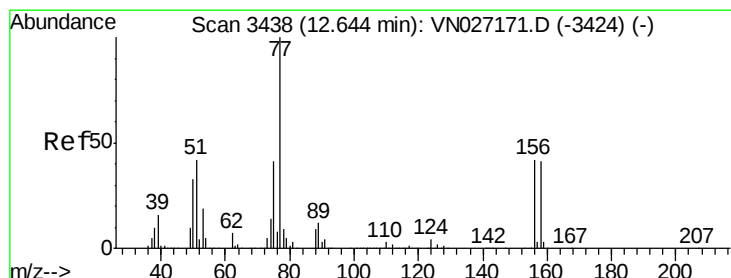
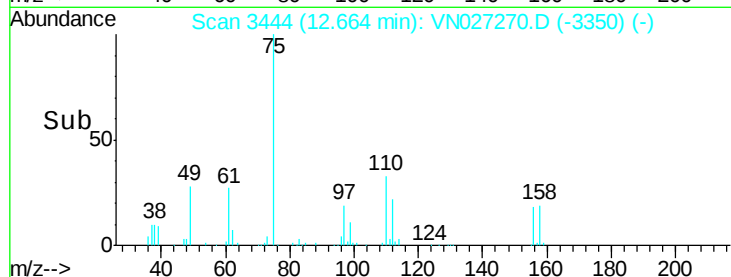
100000

50000

0

12.55 12.60 12.65 12.70

Time-->



#78

Bromobenzene

Concen: 19.80 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

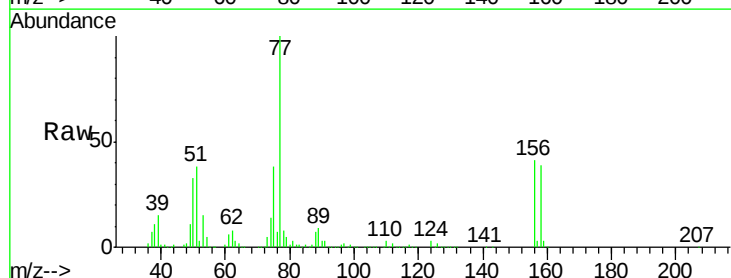
Tgt Ion: 156 Resp: 131772

Ion Ratio Lower Upper

156 100

77 279.7 127.3 381.9

158 99.0 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): VN027270.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN027270.D (-3345) (-)

Ion 157.80 (157.50 to 158.50): VN027270.D (-3345) (-)

250000

200000

150000

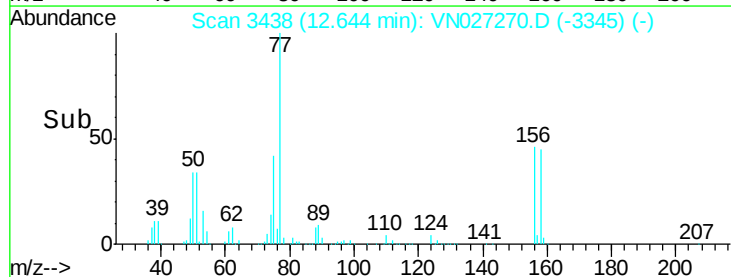
100000

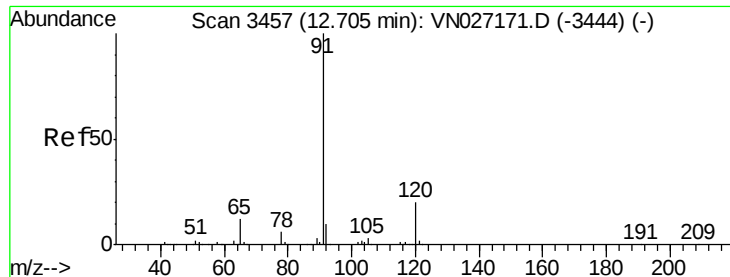
50000

0

12.60 12.65 12.70

Time-->





#79

n-propylbenzene

Concen: 20.07 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

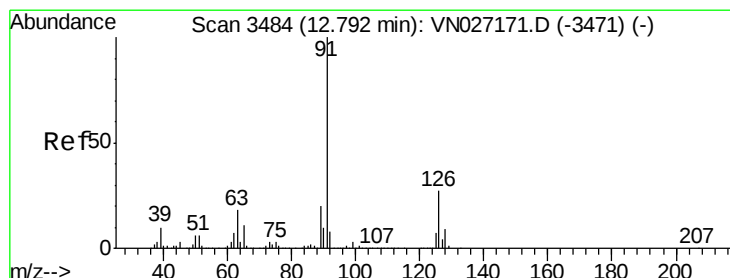
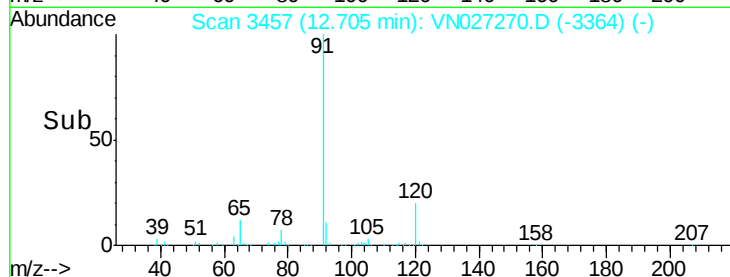
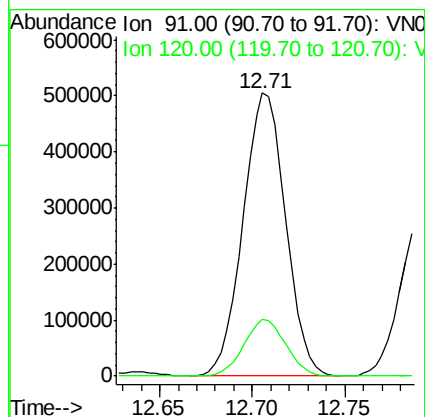
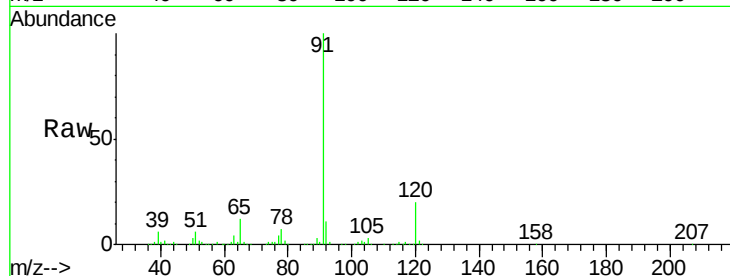
VN0917WBS02

Tgt Ion: 91 Resp: 801551

Ion Ratio Lower Upper

91 100

120 19.8 10.3 30.8



#80

2-Chlorotoluene

Concen: 20.63 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027270.D

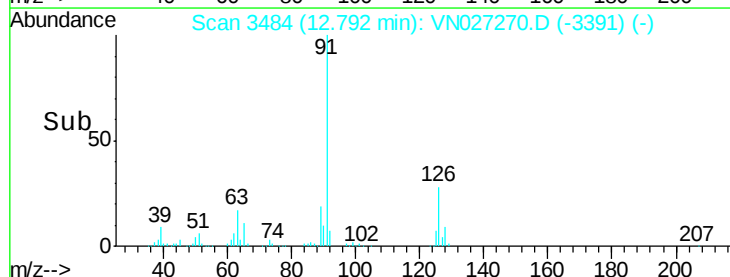
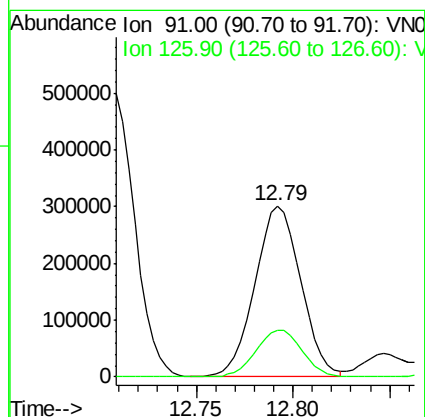
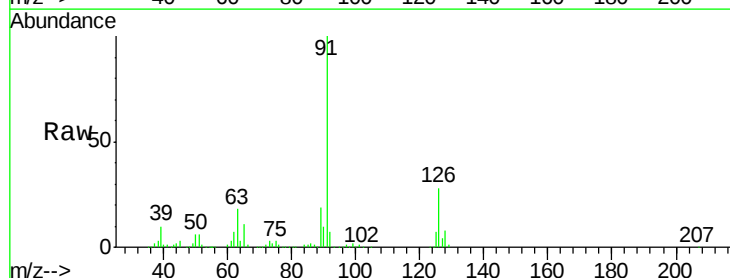
Acq: 17 Sep 2015 23:02

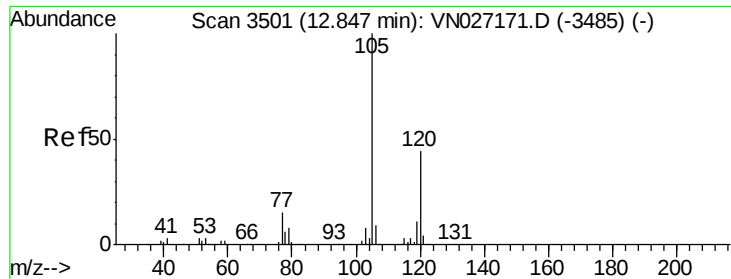
Tgt Ion: 91 Resp: 494635

Ion Ratio Lower Upper

91 100

126 27.7 15.2 45.5





#81

1,3,5-Trimethylbenzene

Concen: 19.82 ug/l

RT: 12.85 min Scan# 3501

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

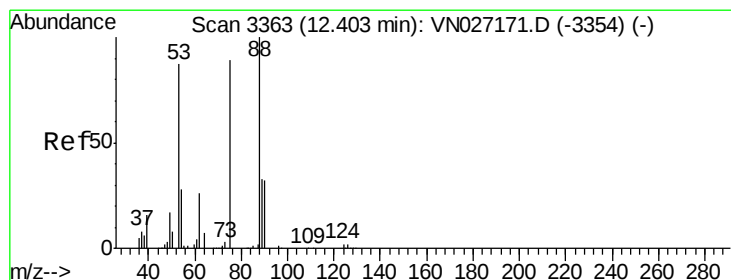
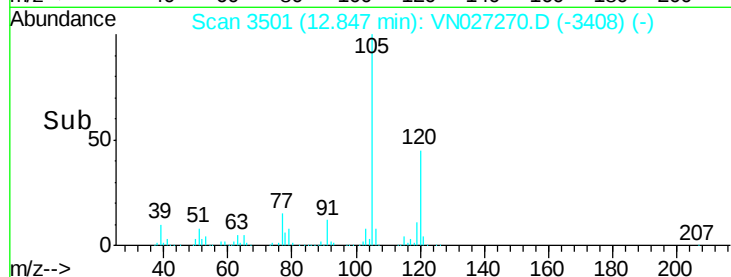
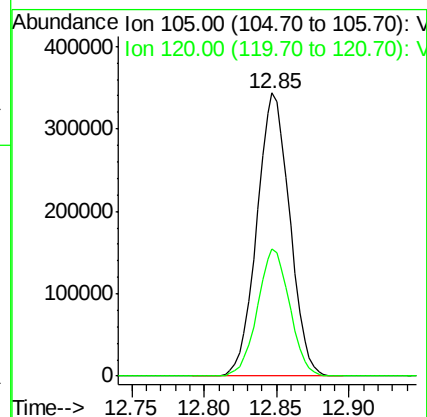
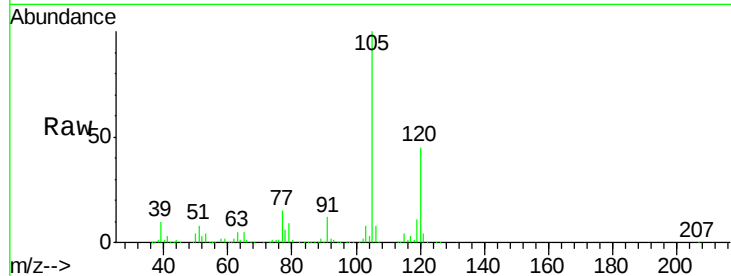
VN0917WBS02

Tgt Ion:105 Resp: 540358

Ion Ratio Lower Upper

105 100

120 44.1 23.4 70.0



#82

trans-1,4-Dichloro-2-butene

Concen: 17.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

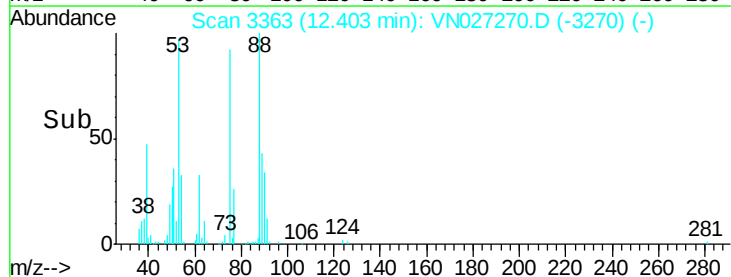
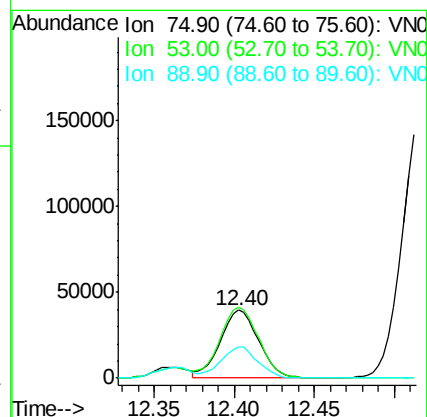
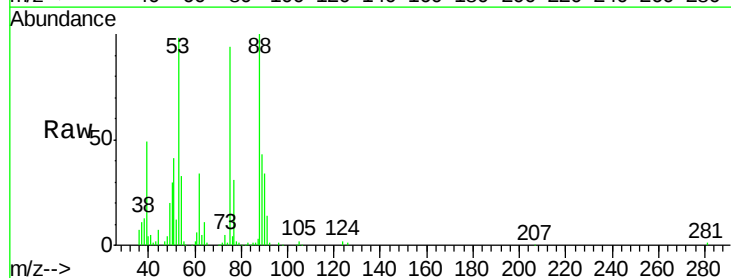
Tgt Ion: 75 Resp: 65669

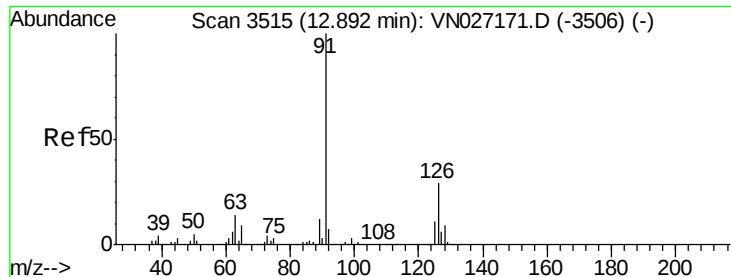
Ion Ratio Lower Upper

75 100

53 106.3 92.9 139.3

89 44.1 34.2 51.4

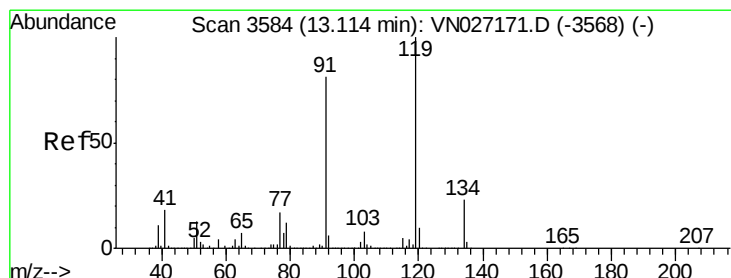
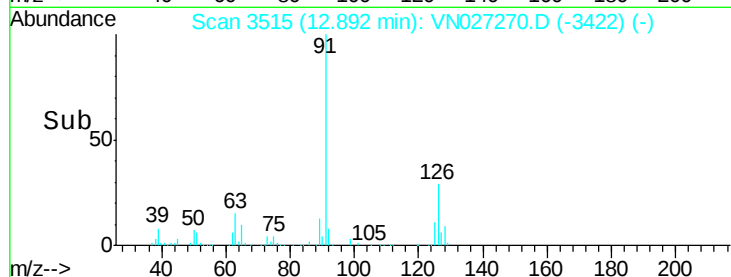
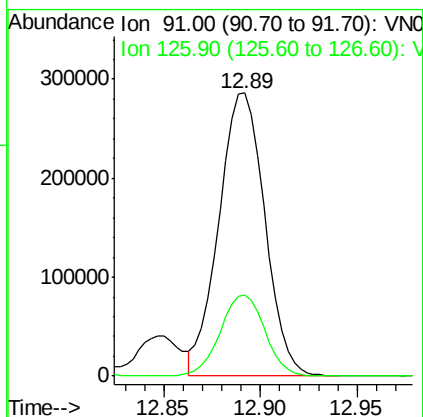
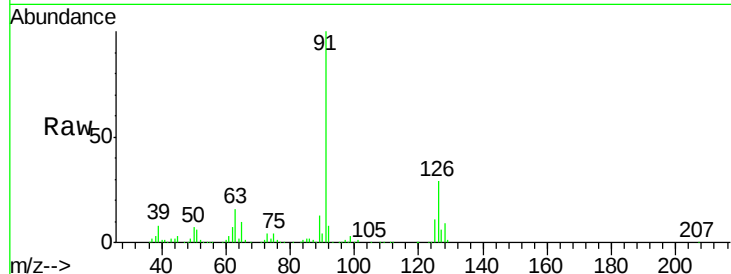




#83
4-Chlorotoluene
Concen: 19.95 ug/l
RT: 12.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

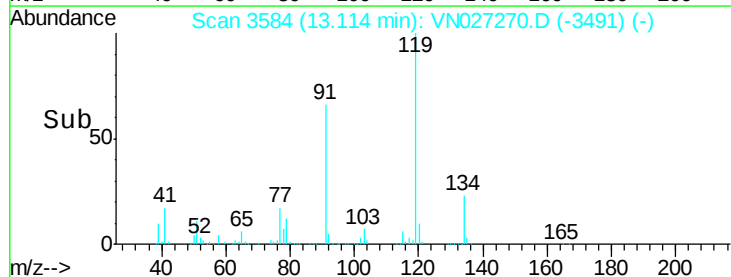
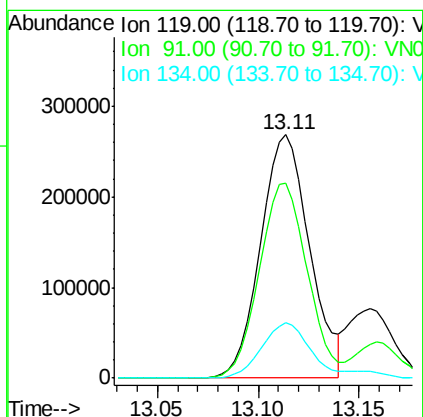
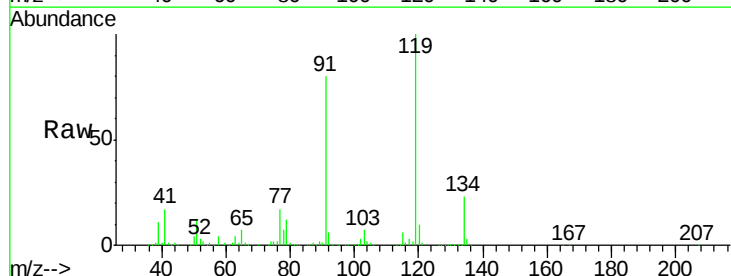
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS02

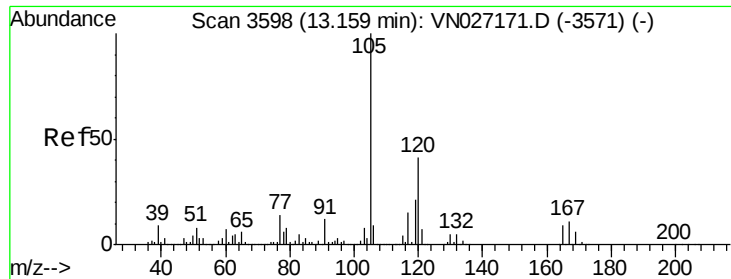
Tgt Ion: 91 Resp: 469948
Ion Ratio Lower Upper
91 100
126 28.1 14.9 44.5



#84
tert-Butylbenzene
Concen: 20.21 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027270.D
Acq: 17 Sep 2015 23:02

Tgt Ion: 119 Resp: 454653
Ion Ratio Lower Upper
119 100
91 79.0 34.6 103.8
134 22.6 11.4 34.2

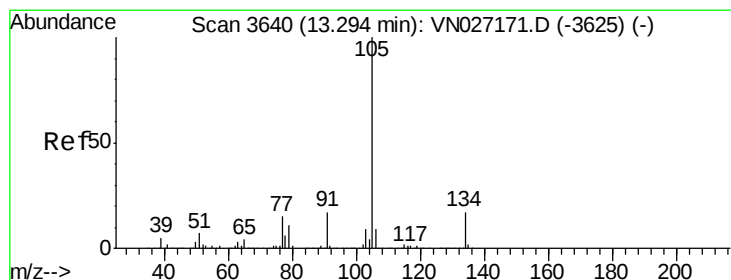
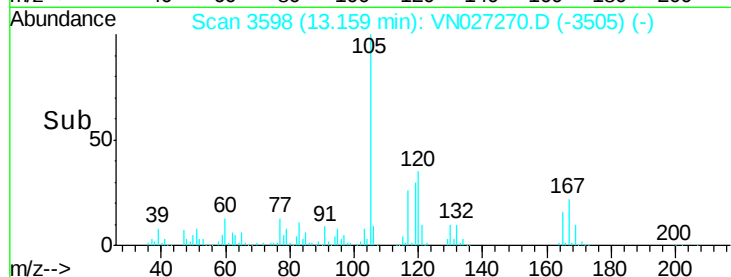
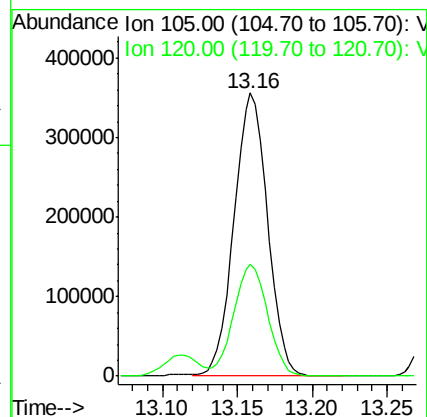
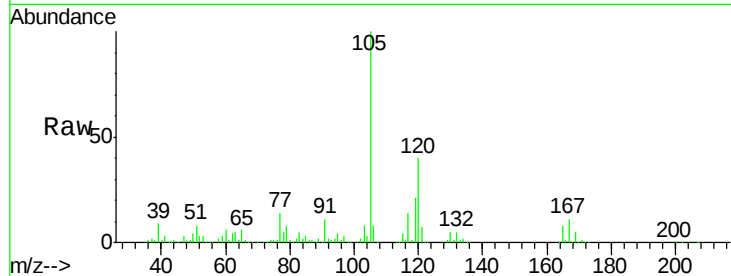




#85
 1,2,4-Trimethylbenzene
 Concen: 20.22 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

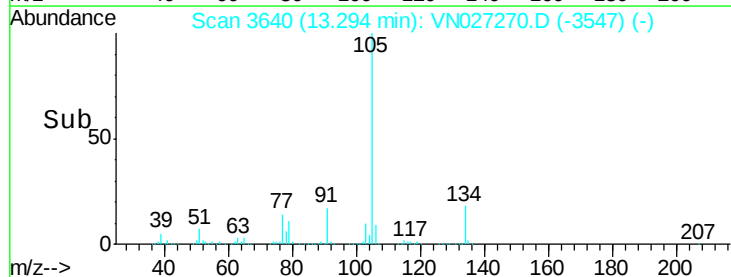
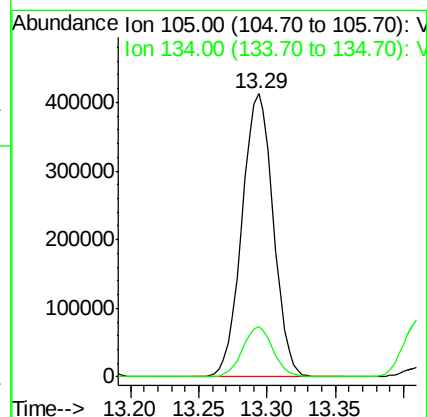
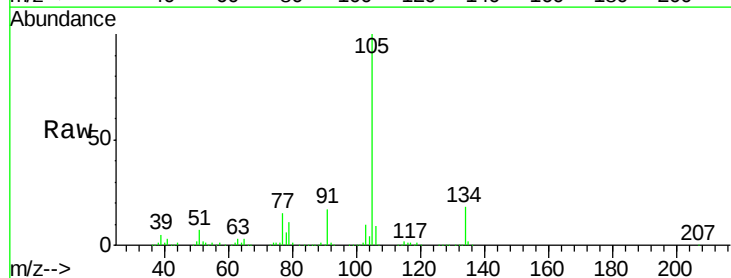
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

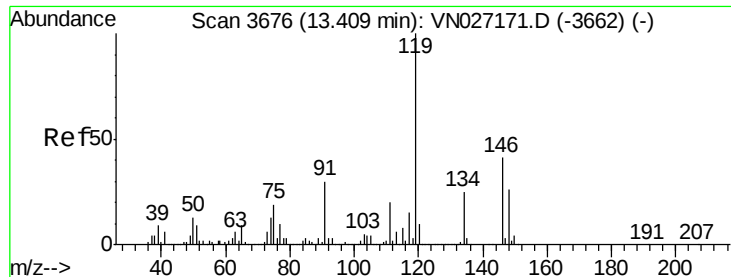
Tgt Ion:105 Resp: 553736
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 19.94 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion:105 Resp: 657289
 Ion Ratio Lower Upper
 105 100
 134 17.2 8.8 26.4

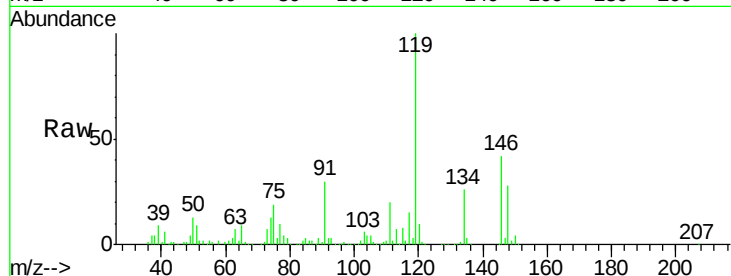




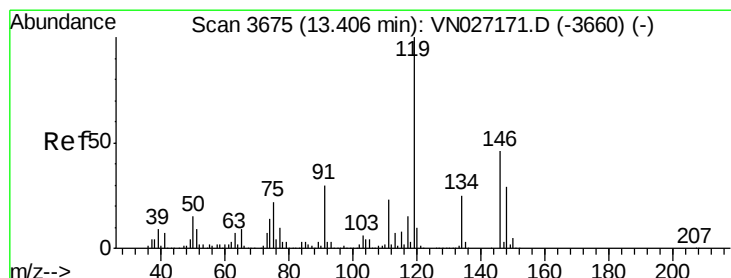
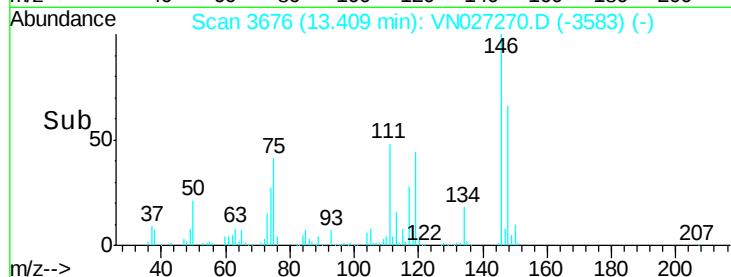
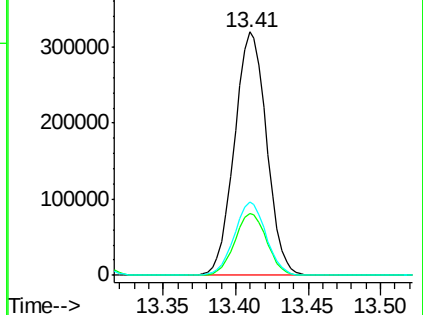
#87
 p-Isopropyltoluene
 Concen: 19.34 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

Tgt Ion:119 Resp: 490863
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.4 37.0
 91 29.5 12.0 36.1

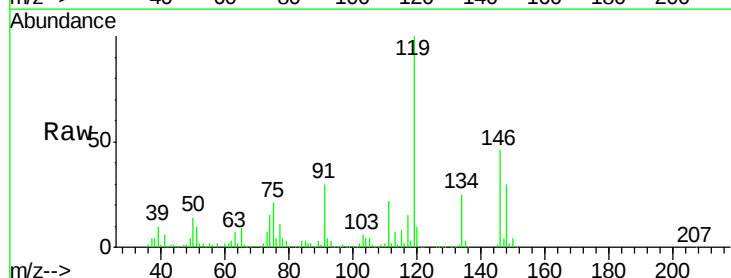


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

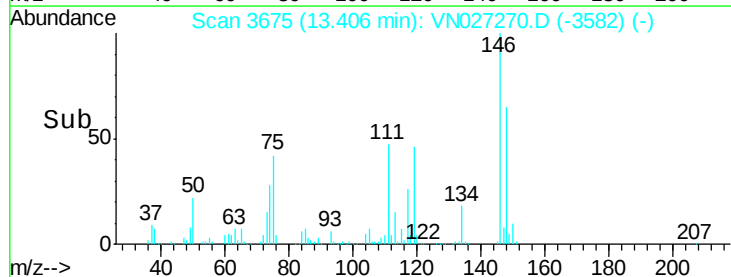
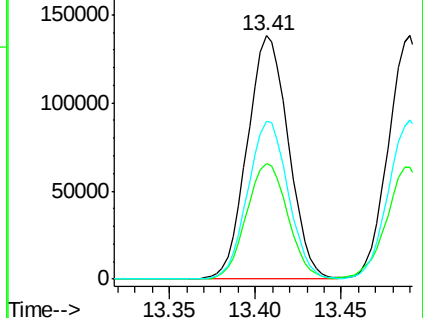


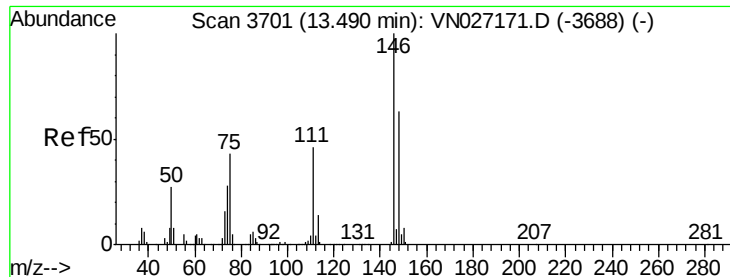
#88
 1,3-Dichlorobenzene
 Concen: 20.16 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Tgt Ion:146 Resp: 229628
 Ion Ratio Lower Upper
 146 100
 111 47.6 21.0 63.0
 148 63.7 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: 19.52 ug/l

RT: 13.49 min Scan# 3701

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

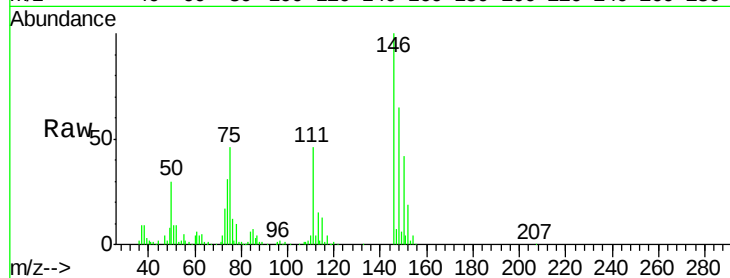
Tgt Ion:146 Resp: 225159

Ion Ratio Lower Upper

146 100

111 47.0 19.9 59.6

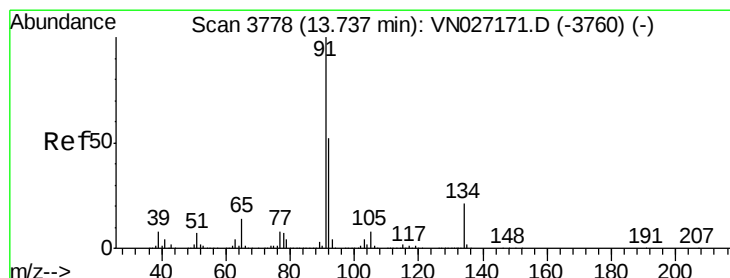
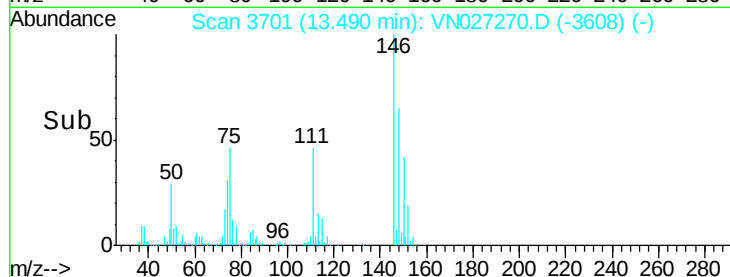
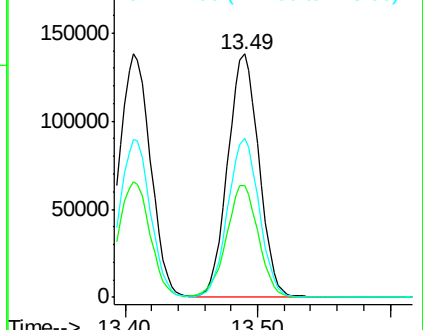
148 66.0 31.7 95.1



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



#90

n-Butylbenzene

Concen: 18.95 ug/l

RT: 13.74 min Scan# 3778

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

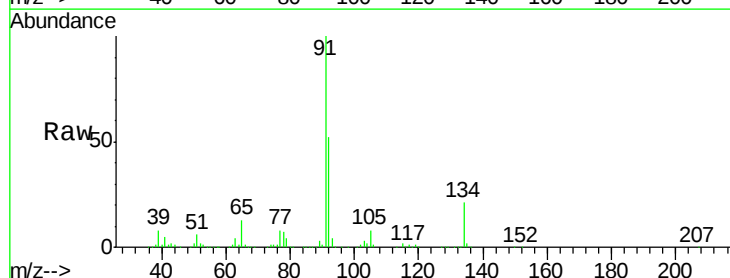
Tgt Ion: 91 Resp: 466870

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.2

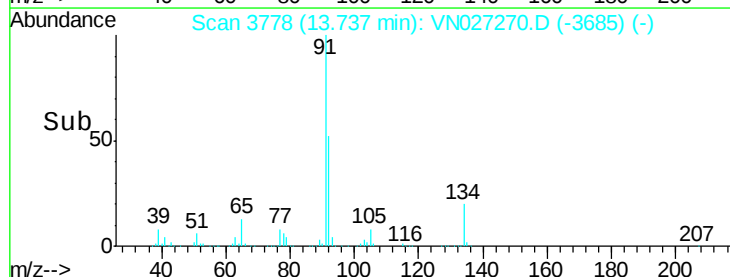
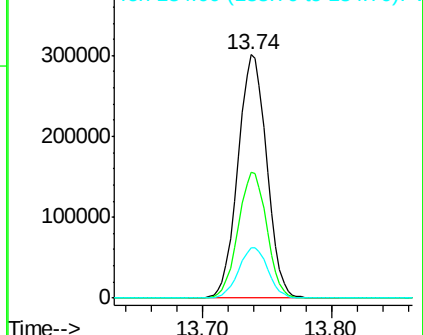
134 21.1 11.1 33.1

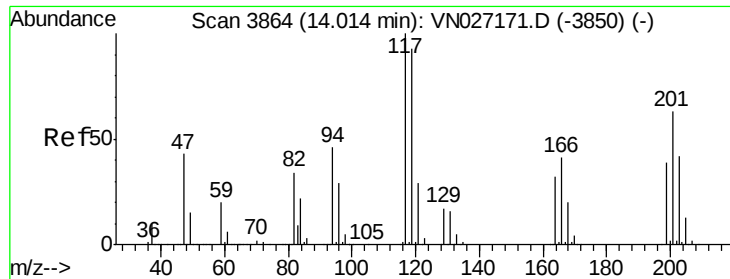


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

Hexachloroethane

Concen: 18.45 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

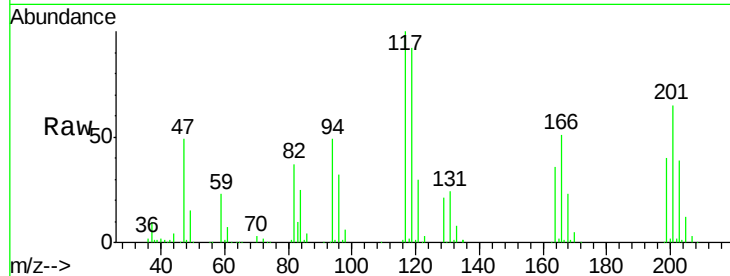
VN0917WBS02

Tgt Ion:117 Resp: 102486

Ion Ratio Lower Upper

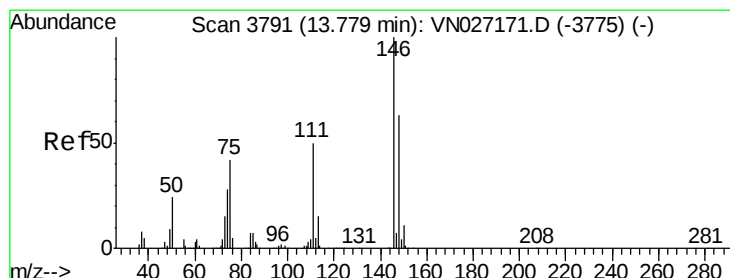
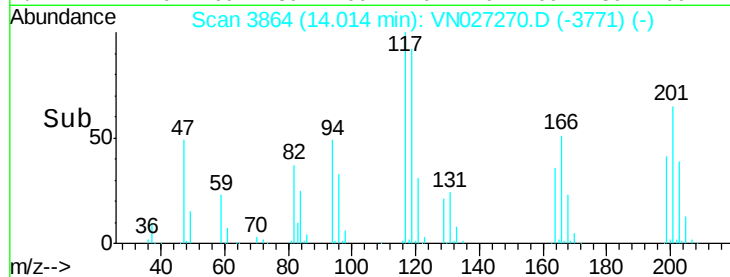
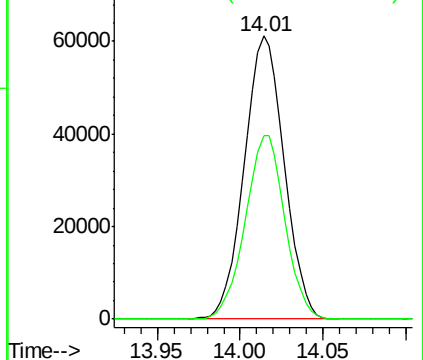
117 100

201 64.3 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 20.89 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

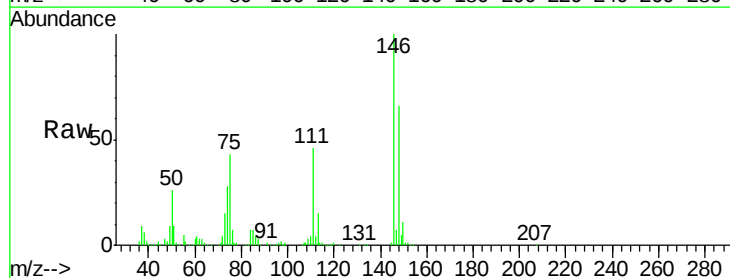
Tgt Ion:146 Resp: 235151

Ion Ratio Lower Upper

146 100

111 47.5 22.1 66.3

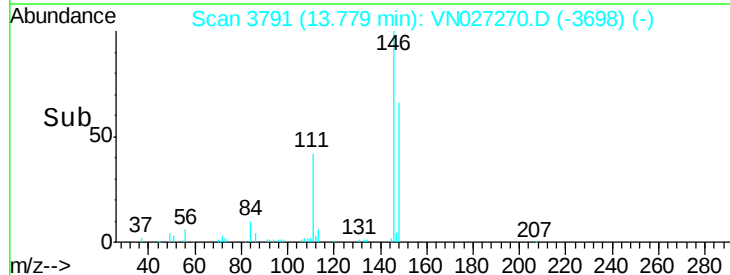
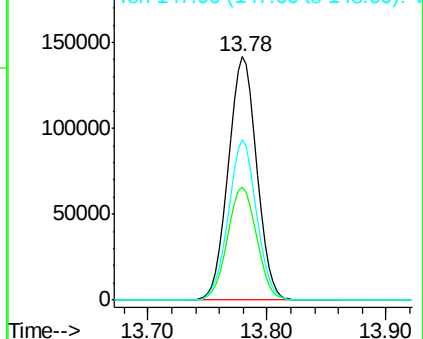
148 64.8 32.0 96.0

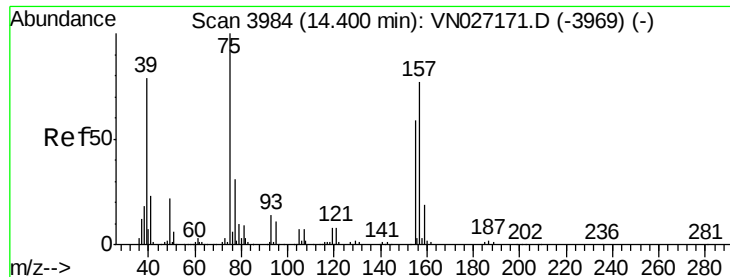


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 18.60 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

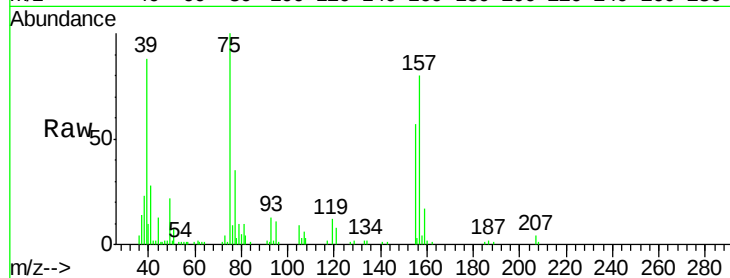
Tgt Ion: 75 Resp: 37737

Ion Ratio Lower Upper

75 100

155 59.7 35.6 106.9

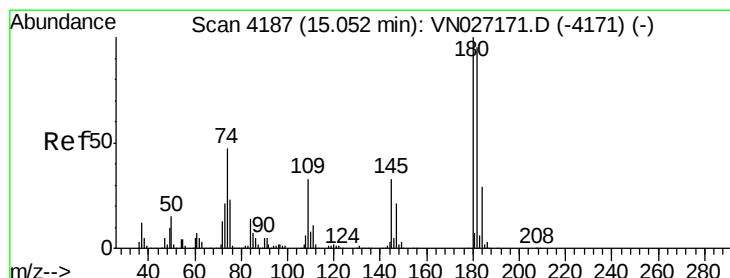
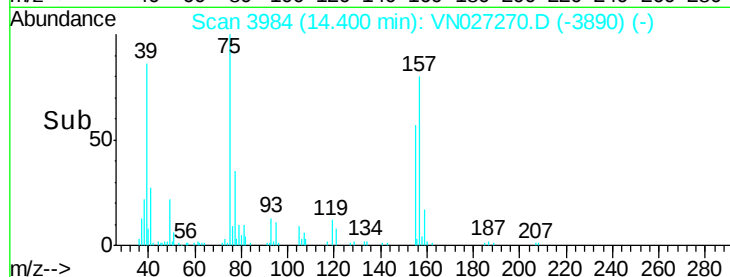
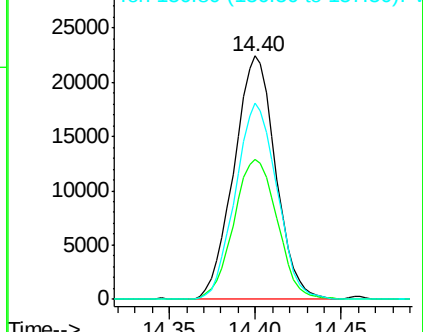
157 80.3 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#94

1,2,4-Trichlorobenzene

Concen: 19.63 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

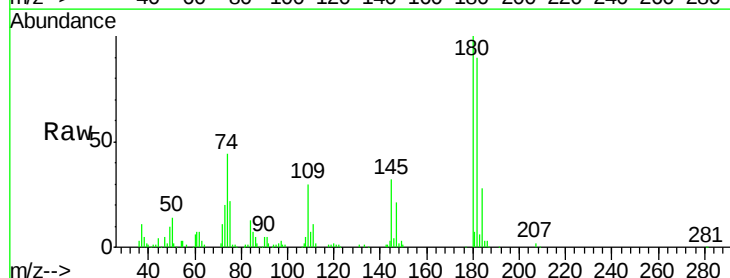
Tgt Ion: 180 Resp: 119353

Ion Ratio Lower Upper

180 100

182 91.6 47.5 142.5

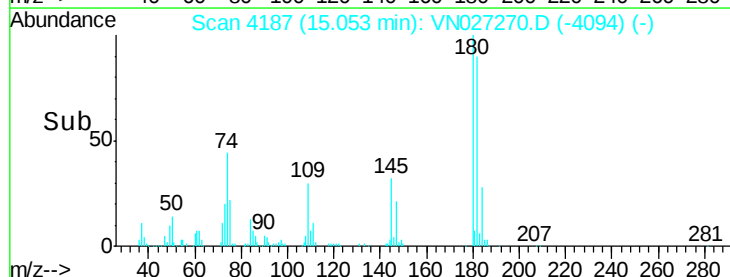
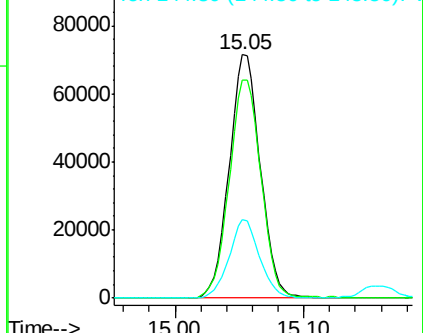
145 31.6 15.1 45.3

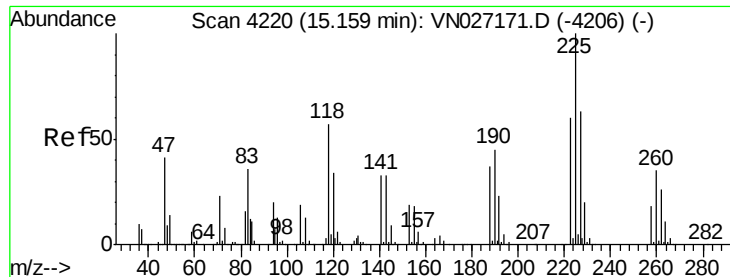


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Hexachlorobutadiene

Concen: 18.99 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS02

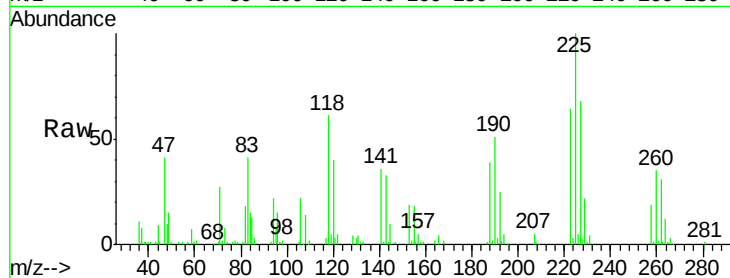
Tgt Ion:225 Resp: 60800

Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

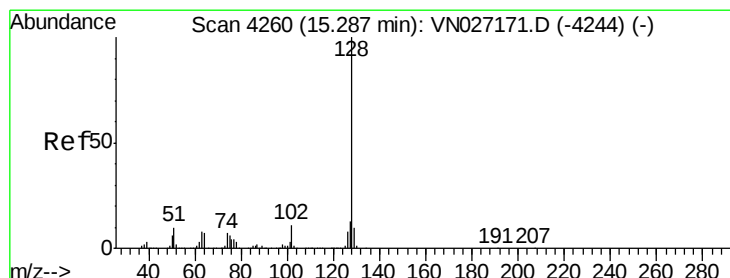
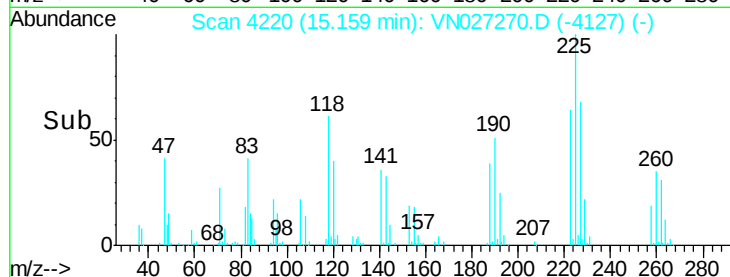
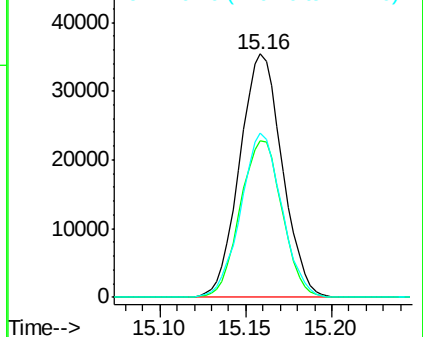
227 64.8 31.7 95.1



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: 18.73 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027270.D

Acq: 17 Sep 2015 23:02

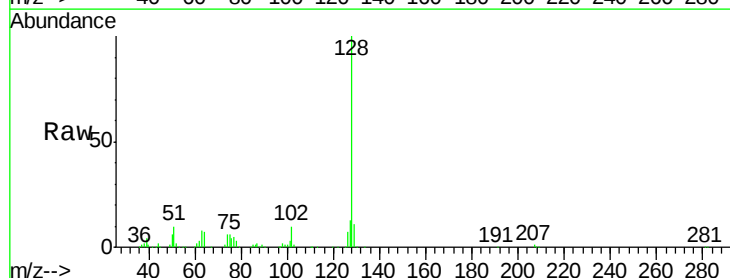
Tgt Ion:128 Resp: 333931

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

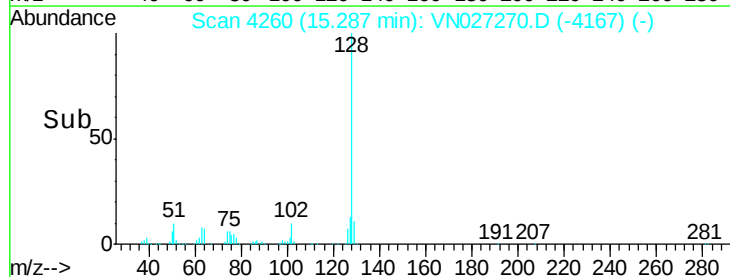
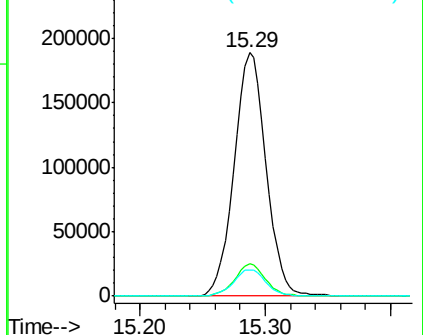
129 11.0 8.6 12.8

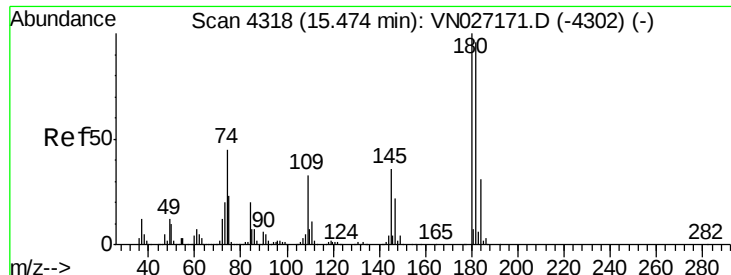


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 19.63 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027270.D
 Acq: 17 Sep 2015 23:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.8	146.4
145	35.2	16.6	49.8

