

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027246.D
 Acq On : 17 Sep 2015 11:03
 Operator : MD\FY
 Sample : VN0917WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Quant Time: Sep 18 01:10:10 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	545129	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	998789	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	852472	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	320527	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	467655	41.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.74%	
36) Dibromofluoromethane	7.68	113	297082	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
51) Toluene-d8	10.19	98	1157200	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	
63) 4-Bromofluorobenzene	12.52	95	399765	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	116098	17.80	ug/l	99
3) Chlorodifluoromethane	2.01	51	6602	0.87	ug/l	95
4) Chloromethane	2.01	50	127883	18.23	ug/l	98
5) Vinyl Chloride	2.14	62	137520	17.85	ug/l	97
6) Bromomethane	2.54	94	57256	16.26	ug/l	96
7) Chloroethane	2.69	64	89326	17.06	ug/l	98
8) Trichlorofluoromethane	3.02	101	204671	17.59	ug/l	98
9) Diethyl Ether	3.42	74	91938	17.17	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	131610	18.01	ug/l	96
11) Methyl Iodide	3.99	142	83088	11.70	ug/l	91
12) Tert butyl alcohol	4.80	59	87790	80.38	ug/l #	74
13) 1,1-Dichloroethene	3.76	96	121253	17.32	ug/l	92
14) Acrolein	3.62	56	128863	100.43	ug/l	99
15) Allyl chloride	4.37	41	232396	16.44	ug/l #	79
16) Acrylonitrile	5.03	53	299335	83.81	ug/l	96
17) Acetone	3.83	43	297595	98.82	ug/l	96
18) Carbon Disulfide	4.11	76	374862	16.45	ug/l	100
19) Methyl Acetate	4.36	43	366158	16.79	ug/l	96
20) Methyl tert-butyl Ether	5.12	73	480058	17.08	ug/l	97
21) Methylene Chloride	4.60	84	151501	18.06	ug/l	95
22) trans-1,2-Dichloroethene	5.13	96	133836	17.68	ug/l	96
23) Diisopropyl ether	6.04	45	513220	17.30	ug/l #	87
24) Vinyl Acetate	5.98	43	822883	83.82	ug/l	98
25) 1,1-Dichloroethane	5.93	63	297743	17.28	ug/l	99
26) 2-Butanone	6.92	43	395781	87.28	ug/l	94
27) 2,2-Dichloropropane	6.92	77	262340	17.55	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	158905	18.30	ug/l	97
29) Bromochloromethane	7.29	49	109708	16.40	ug/l	97
30) Tetrahydrofuran	7.32	42	237678	76.05	ug/l #	87
31) Chloroform	7.46	83	279732	17.97	ug/l	99
32) Cyclohexane	7.77	56	287301	18.14	ug/l #	87
33) 1,1,1-Trichloroethane	7.67	97	244734	17.63	ug/l	96
37) 1,1-Dichloropropene	7.89	75	208648	17.84	ug/l	99
38) Ethyl Acetate	7.02	43	169099	16.29	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
 Data File : VN027246.D
 Acq On : 17 Sep 2015 11:03
 Operator : MD\FY
 Sample : VN0917WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Quant Time: Sep 18 01:10:10 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)
39) Carbon Tetrachloride	7.88	117	197329	17.95	ug/l	98
40) Methylcyclohexane	9.19	83	263507	18.51	ug/l	97
41) Benzene	8.14	78	619779	18.17	ug/l	100
42) Methacrylonitrile	7.24	41	91610	16.21	ug/l #	85
43) 1,2-Dichloroethane	8.22	62	243991	17.75	ug/l	96
44) Isopropyl Acetate	8.25	43	319079	17.08	ug/l	98
45) Trichloroethene	8.94	130	124667	18.19	ug/l	91
46) 1,2-Dichloropropane	9.21	63	175399	17.87	ug/l	100
47) Dibromomethane	9.31	93	101717	17.65	ug/l	93
48) Bromodichloromethane	9.50	83	213768	17.60	ug/l	100
49) Methyl methacrylate	9.29	41	155619	16.72	ug/l #	87
50) 1,4-Dioxane	9.30	88	38613	353.68	ug/l	99
52) 4-Methyl-2-Pentanone	10.07	43	838258	84.86	ug/l	99
53) Toluene	10.26	92	361120	18.07	ug/l	100
54) t-1,3-Dichloropropene	10.47	75	230149	16.88	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	254383	17.15	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	137185	18.27	ug/l	99
57) Ethyl methacrylate	10.52	69	218687	17.28	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	249152	17.87	ug/l	97
59) 2-Chloroethyl Vinyl ether	9.78	63	565266	97.28	ug/l	97
60) 2-Hexanone	10.84	43	586662	87.23	ug/l	99
61) Dibromochloromethane	11.00	129	132225	17.24	ug/l	100
62) 1,2-Dibromoethane	11.11	107	127861	17.33	ug/l	98
65) Tetrachloroethene	10.74	164	100089	18.36	ug/l	97
66) Chlorobenzene	11.54	112	360895	17.93	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	122470	17.84	ug/l	99
68) Ethyl Benzene	11.62	91	683327	17.91	ug/l	100
69) m/p-Xylenes	11.73	106	477582	36.27	ug/l	91
70) o-Xylene	12.06	106	237921	18.03	ug/l	92
71) Styrene	12.08	104	381085	17.88	ug/l	95
72) Bromoform	12.24	173	79684	16.69	ug/l #	100
74) Isopropylbenzene	12.36	105	645199	18.27	ug/l	98
75) N-amyl acetate	12.17	43	260455	16.52	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	178872	17.37	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	250032	25.81	ug/l	54
78) Bromobenzene	12.64	156	125098	18.06	ug/l	93
79) n-propylbenzene	12.71	91	753669	18.14	ug/l	98
80) 2-Chlorotoluene	12.79	91	455008	18.23	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	514705	18.14	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	62842	15.93	ug/l	92
83) 4-Chlorotoluene	12.89	91	442928	18.07	ug/l	96
84) tert-Butylbenzene	13.11	119	414631	17.71	ug/l	88
85) 1,2,4-Trimethylbenzene	13.16	105	512755	17.99	ug/l	95
86) sec-Butylbenzene	13.29	105	625088	18.23	ug/l	100
87) p-Isopropyltoluene	13.41	119	476813	18.05	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	218771	18.46	ug/l	97
89) 1,4-Dichlorobenzene	13.49	146	217044	18.08	ug/l	94
90) n-Butylbenzene	13.74	91	463507	18.08	ug/l	99
91) Hexachloroethane	14.01	117	97492	16.86	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	216553	18.49	ug/l	97

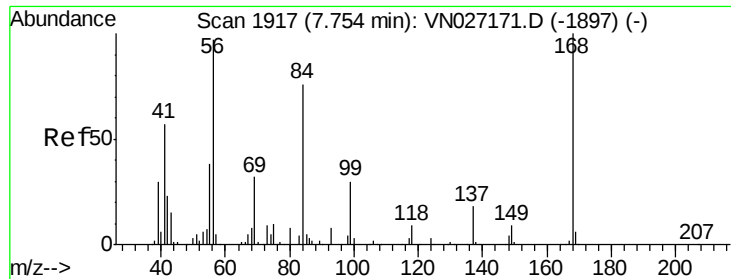
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027246.D
Acq On : 17 Sep 2015 11:03
Operator : MD\FY
Sample : VN0917WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

Quant Time: Sep 18 01:10:10 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	34844	16.35	ug/l	84
94) 1,2,4-Trichlorobenzene	15.06	180	112771	17.82	ug/l	99
95) Hexachlorobutadiene	15.16	225	62312	18.70	ug/l	97
96) Naphthalene	15.29	128	306504	16.52	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	112057	17.82	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

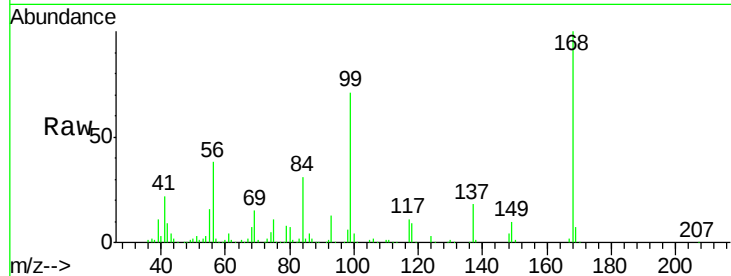
VN0917WBS01

Tgt Ion:168 Resp: 545129

Ion Ratio Lower Upper

168 100

99 70.7 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.75

250000

200000

150000

100000

50000

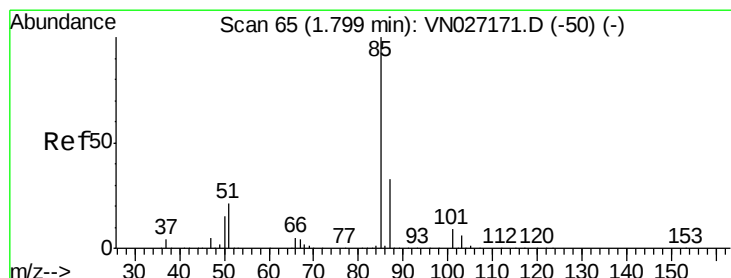
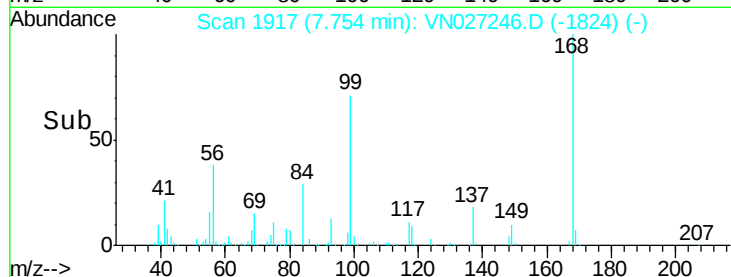
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.80 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027246.D

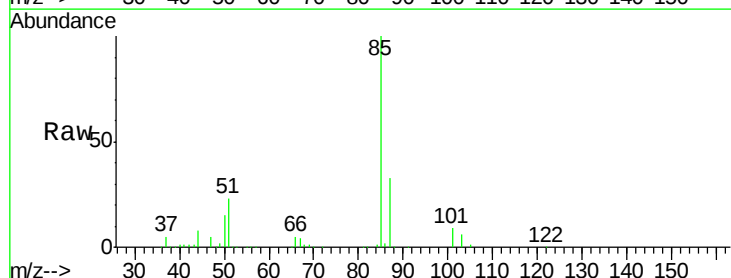
Acq: 17 Sep 2015 11:03

Tgt Ion: 85 Resp: 116098

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.80

80000

60000

40000

20000

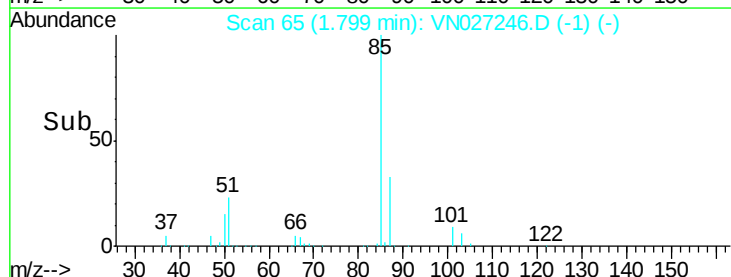
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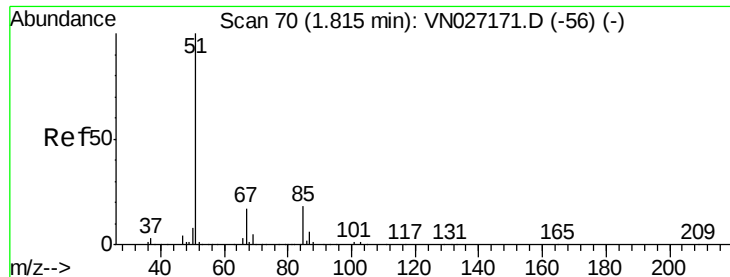
1.75

1.85

1.90

Time-->





#3

Chlorodifluoromethane

Concen: 0.87 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.19 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

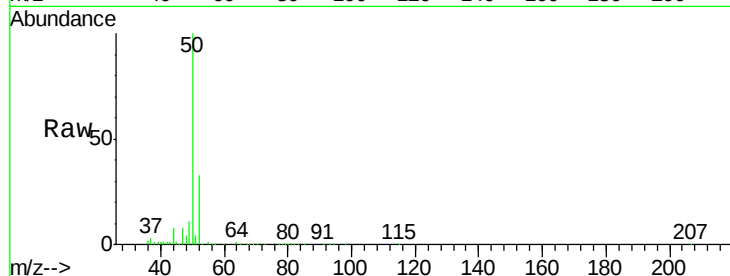
VN0917WBS01

Tgt Ion: 51 Resp: 6602

Ion Ratio Lower Upper

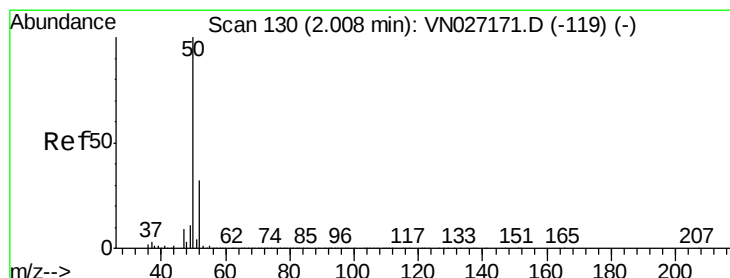
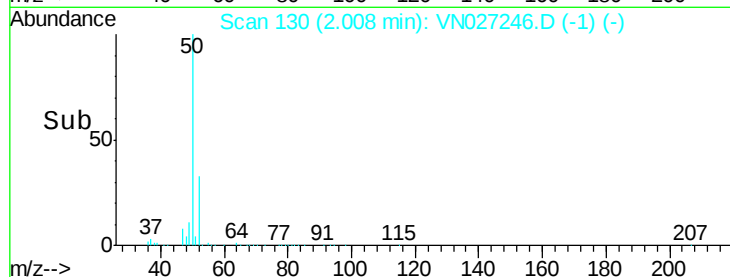
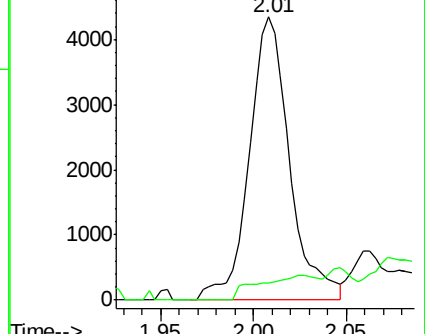
51 100

67 13.2 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: 18.23 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027246.D

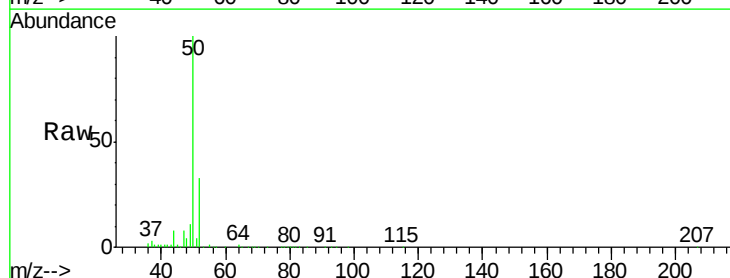
Acq: 17 Sep 2015 11:03

Tgt Ion: 50 Resp: 127883

Ion Ratio Lower Upper

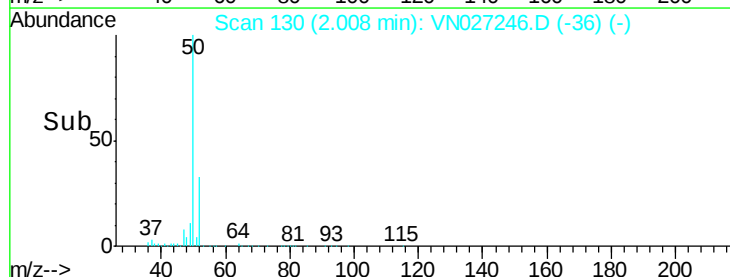
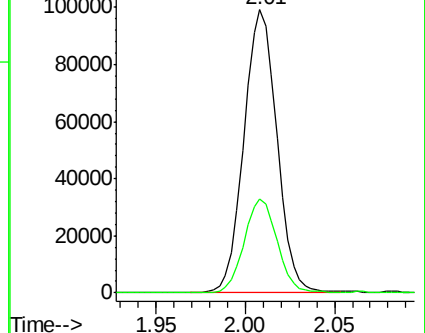
50 100

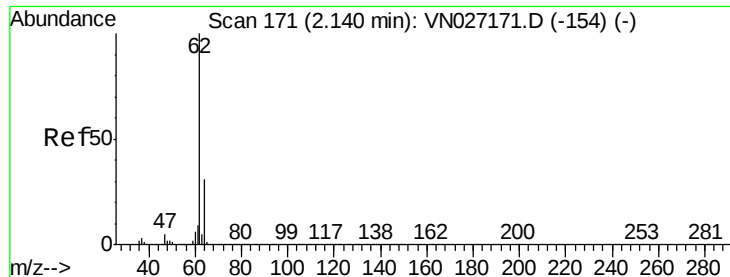
52 33.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 17.85 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

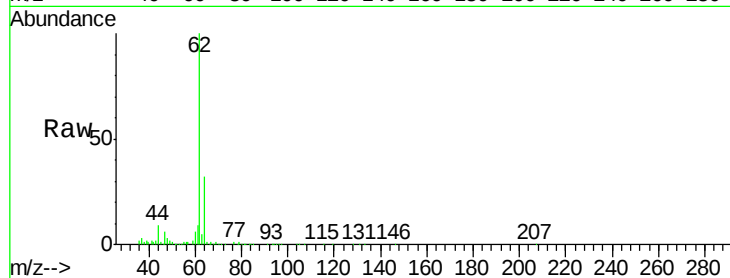
VN0917WBS01

Tgt Ion: 62 Resp: 137520

Ion Ratio Lower Upper

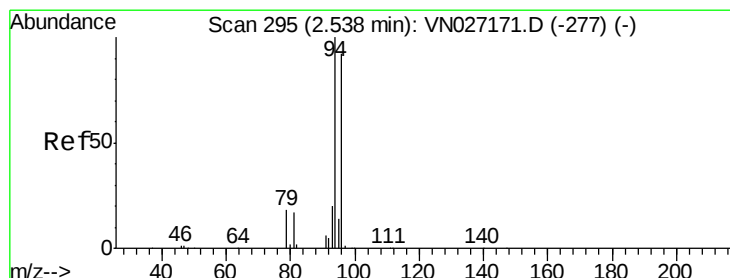
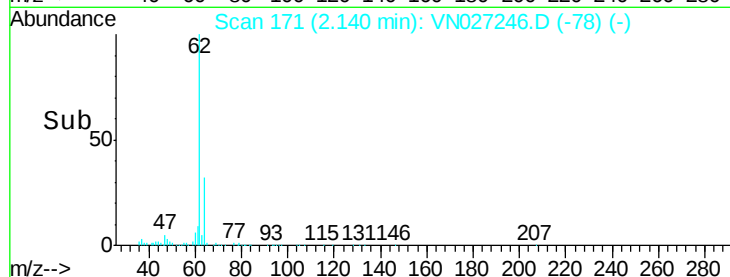
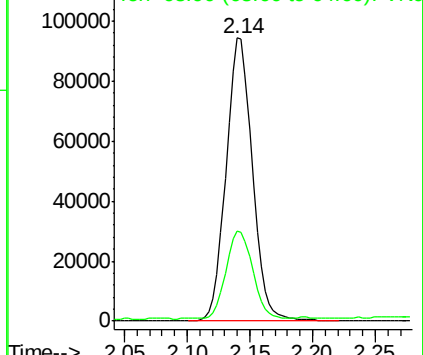
62 100

64 30.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



#6

Bromomethane

Concen: 16.26 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.01 min

Lab File: VN027246.D

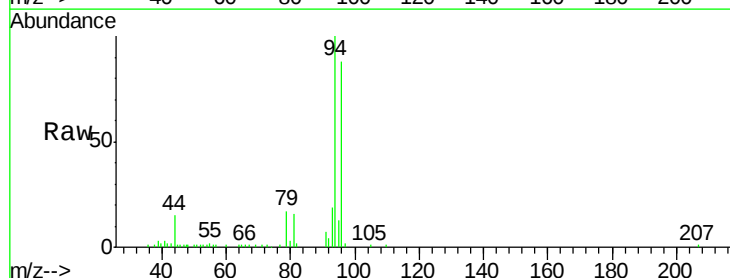
Acq: 17 Sep 2015 11:03

Tgt Ion: 94 Resp: 57256

Ion Ratio Lower Upper

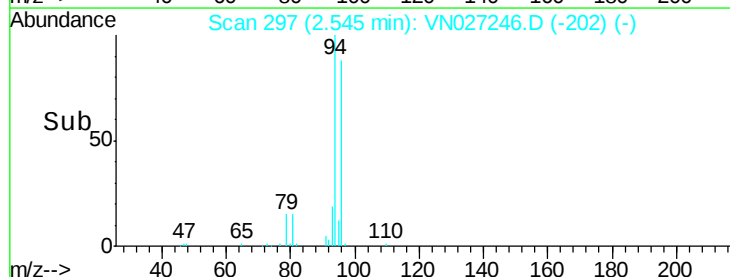
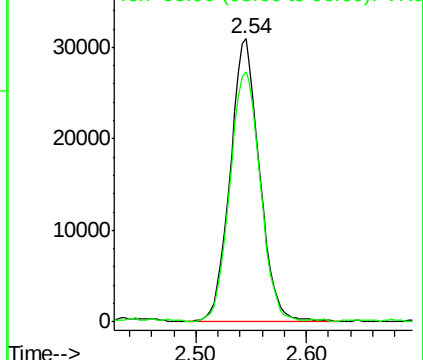
94 100

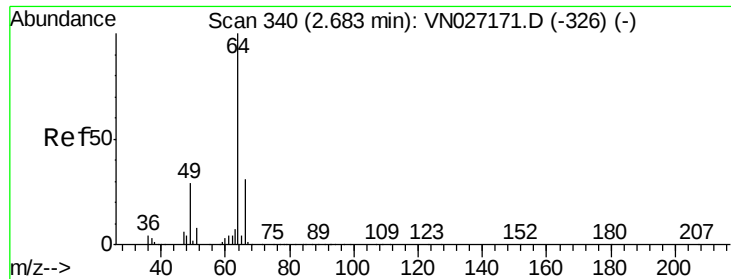
96 88.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#7

Chloroethane

Concen: 17.06 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

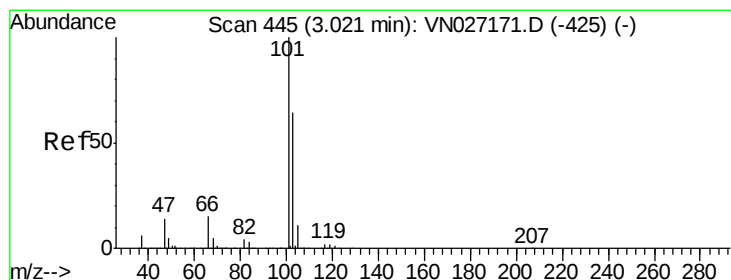
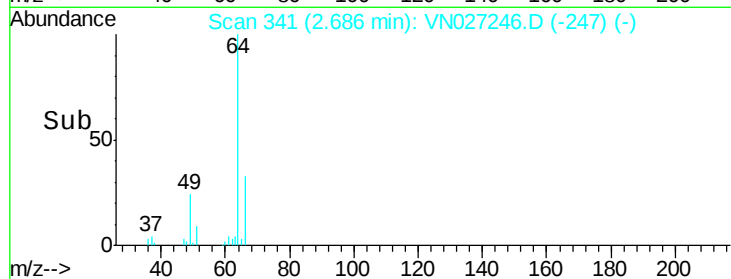
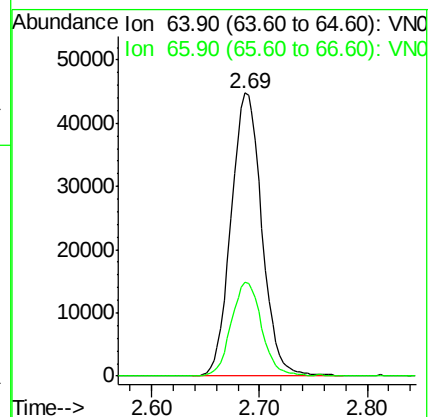
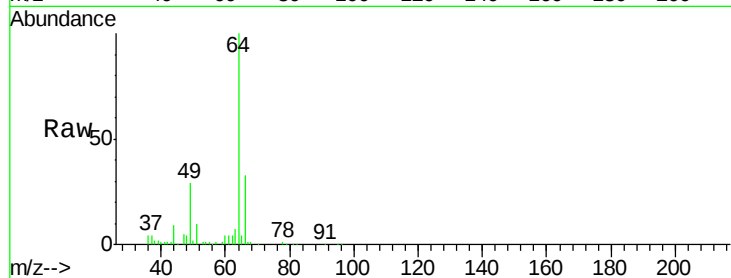
VN0917WBS01

Tgt Ion: 64 Resp: 89326

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3



#8

Trichlorofluoromethane

Concen: 17.59 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027246.D

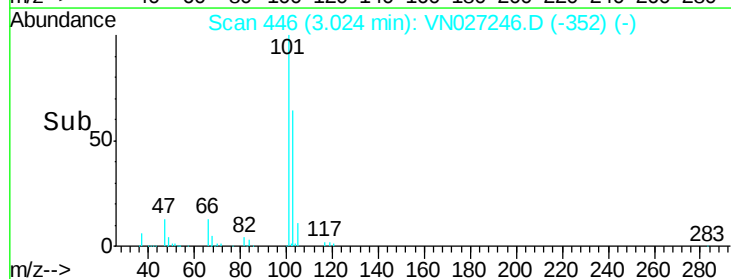
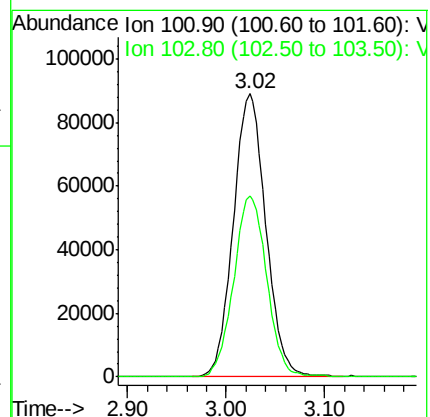
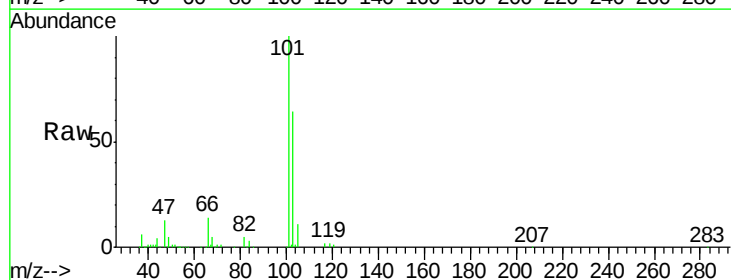
Acq: 17 Sep 2015 11:03

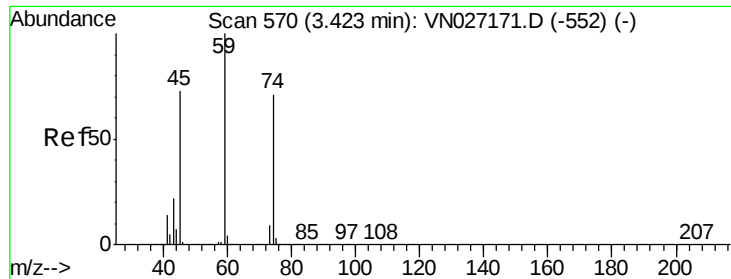
Tgt Ion: 101 Resp: 204671

Ion Ratio Lower Upper

101 100

103 63.9 52.6 79.0





#9

Diethyl Ether

Concen: 17.17 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

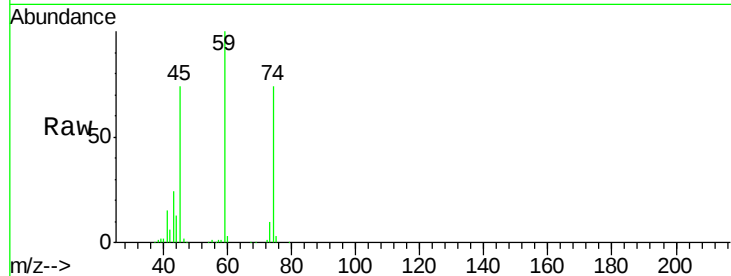
VN0917WBS01

Tgt Ion: 74 Resp: 91938

Ion Ratio Lower Upper

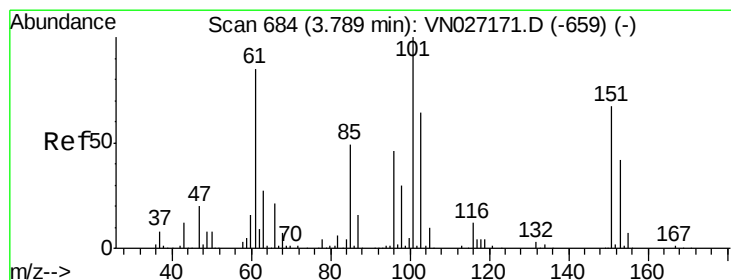
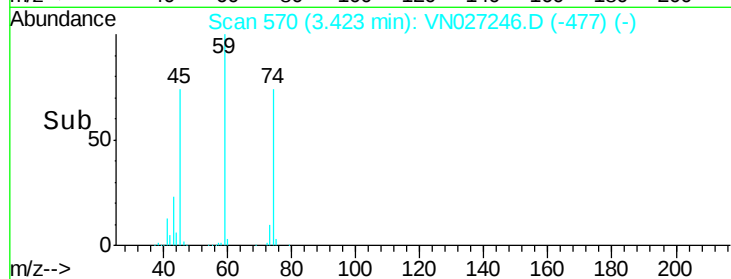
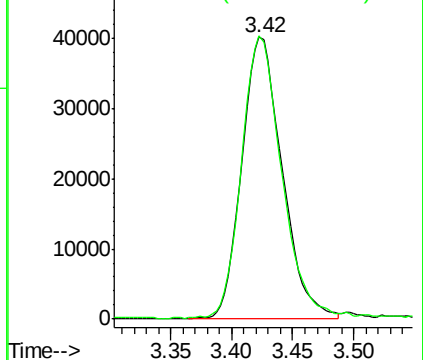
74 100

45 99.8 58.1 174.3



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#10

1,1,2-Trichlorotrifluoroethane

Concen: 18.01 ug/l

RT: 3.79 min Scan# 685

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

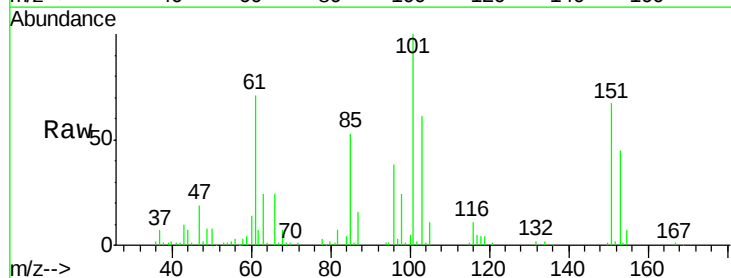
Tgt Ion: 101 Resp: 131610

Ion Ratio Lower Upper

101 100

85 49.5 37.4 56.0

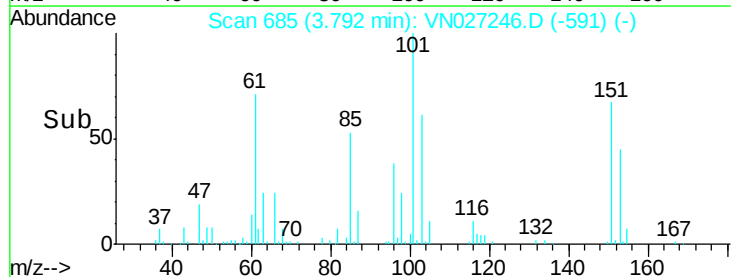
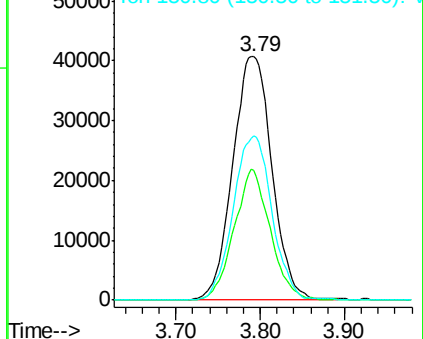
151 66.8 55.9 83.9

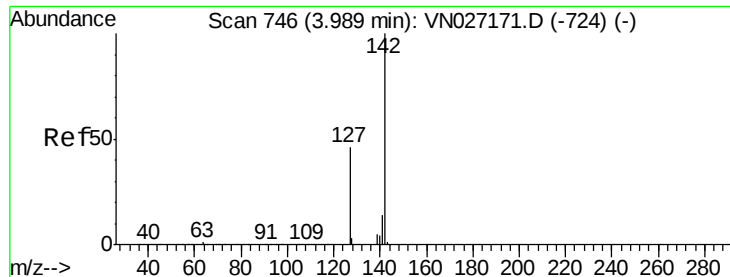


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

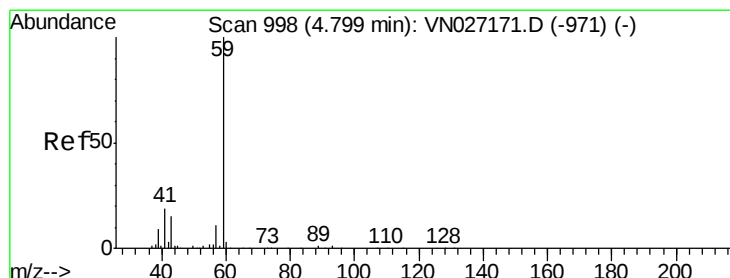
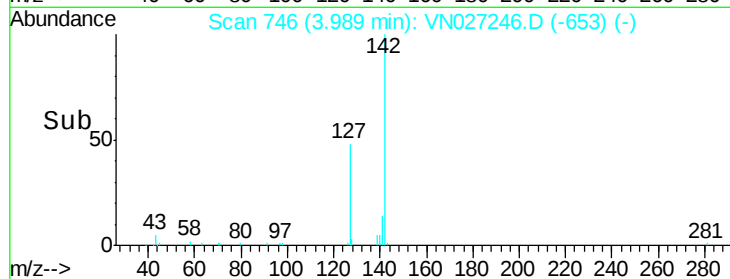
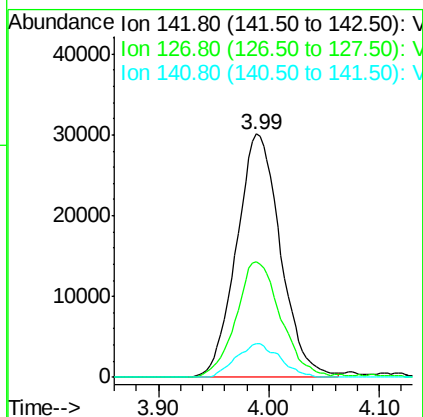
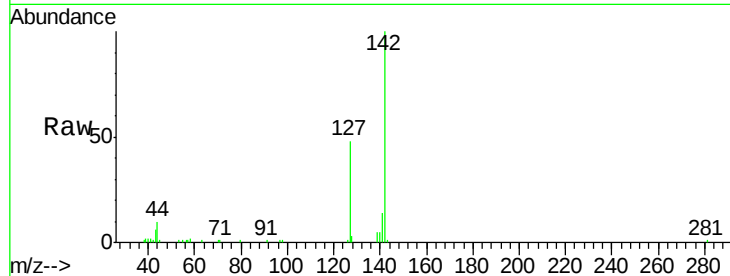




#11
Methyl Iodide
Concen: 11.70 ug/l
RT: 3.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

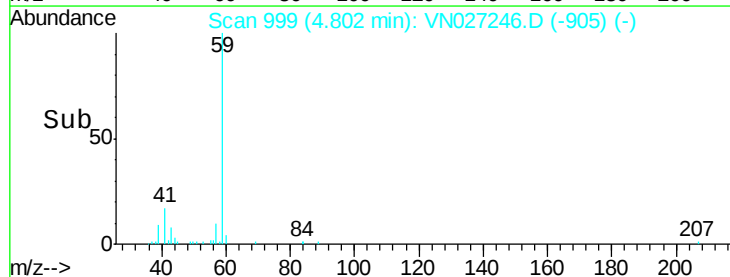
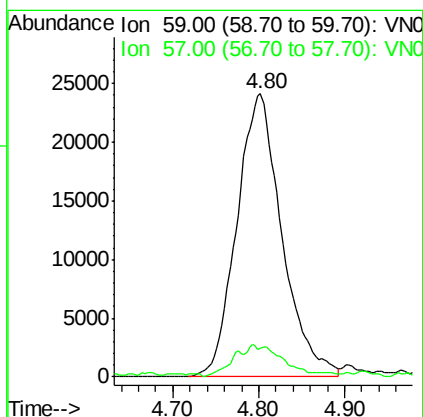
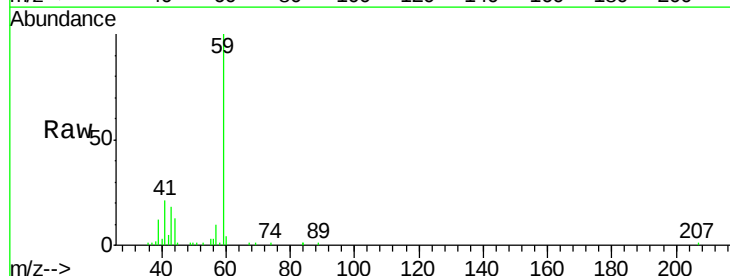
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

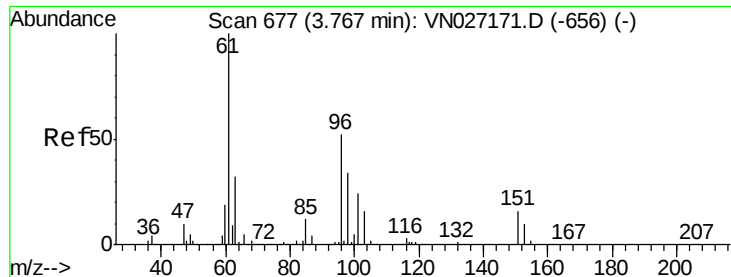
Tgt Ion:142 Resp: 83088
Ion Ratio Lower Upper
142 100
127 48.3 32.3 48.5
141 13.9 11.2 16.8



#12
Tert butyl alcohol
Concen: 80.38 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion: 59 Resp: 87790
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#





#13

1,1-Dichloroethene

Concen: 17.32 ug/l

RT: 3.76 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

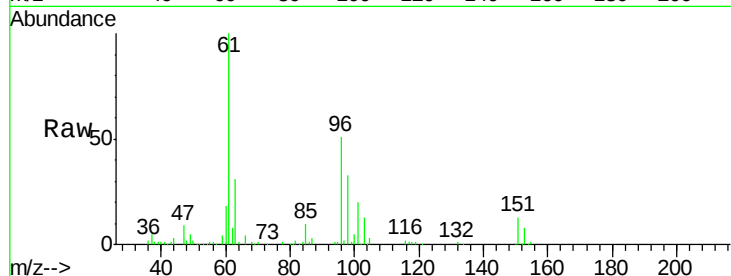
Tgt Ion: 96 Resp: 121253

Ion Ratio Lower Upper

96 100

61 194.4 143.8 215.8

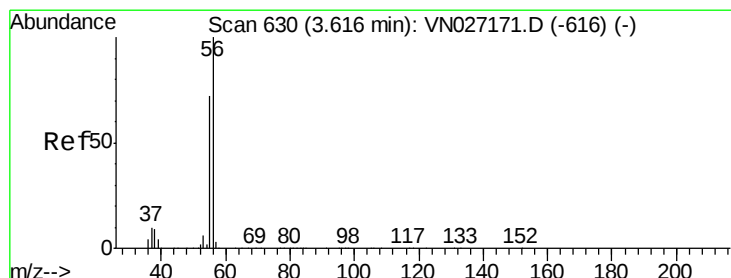
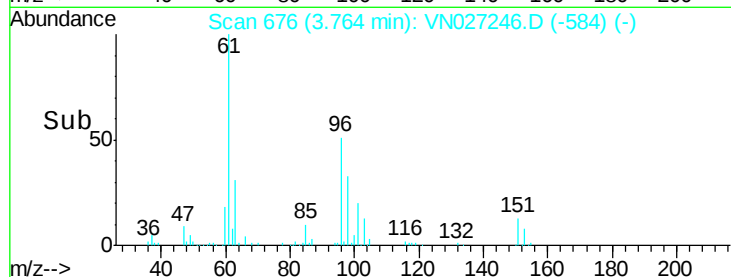
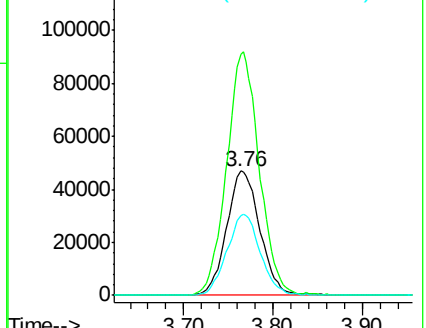
98 64.1 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#14

Acrolein

Concen: 100.43 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN027246.D

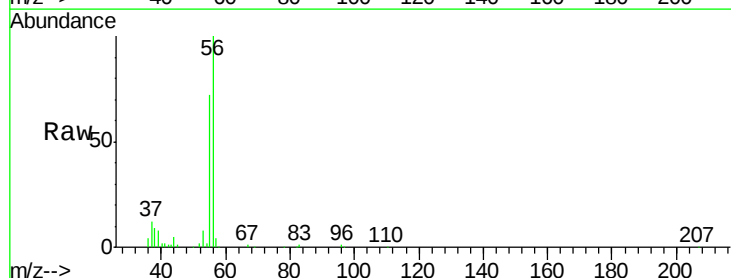
Acq: 17 Sep 2015 11:03

Tgt Ion: 56 Resp: 128863

Ion Ratio Lower Upper

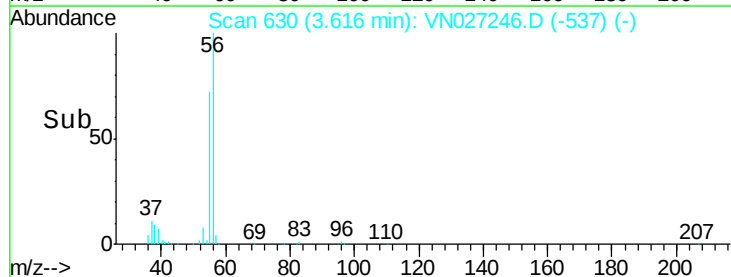
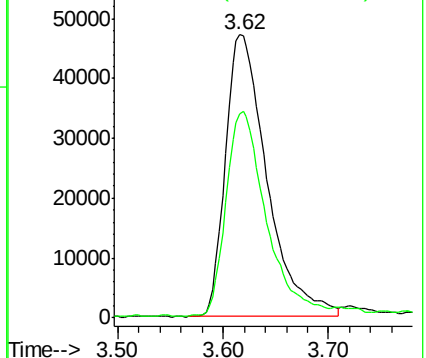
56 100

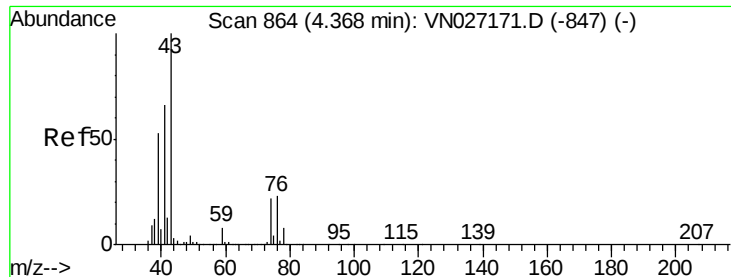
55 70.7 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#15

Allyl chloride

Concen: 16.44 ug/l

RT: 4.37 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampled :

VN0917WBS01

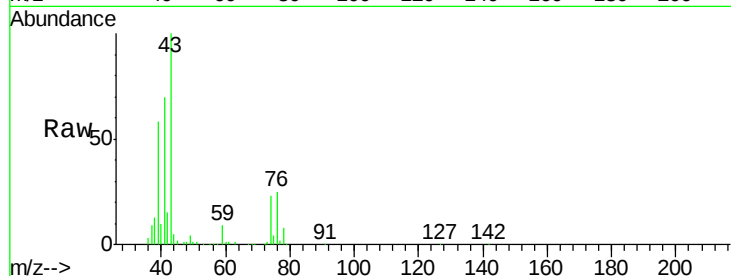
Tgt Ion: 41 Resp: 232396

Ion Ratio Lower Upper

41 100

39 82.8 49.7 74.5#

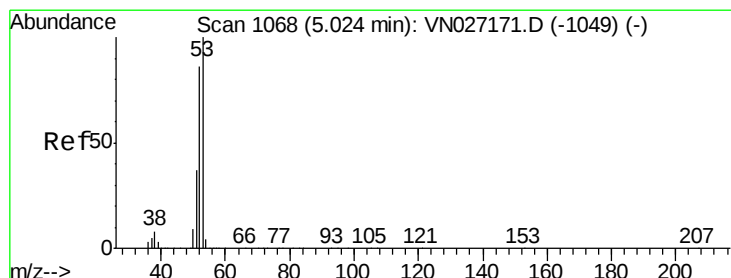
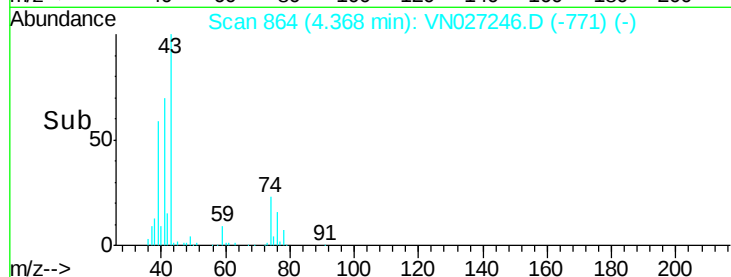
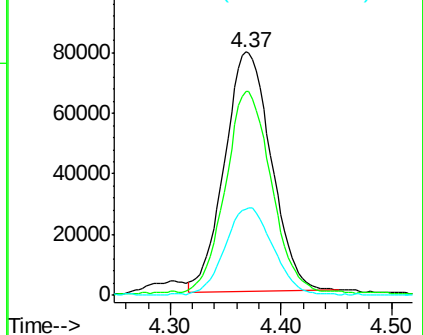
76 36.4 24.8 37.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acrylonitrile

Concen: 83.81 ug/l

RT: 5.03 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

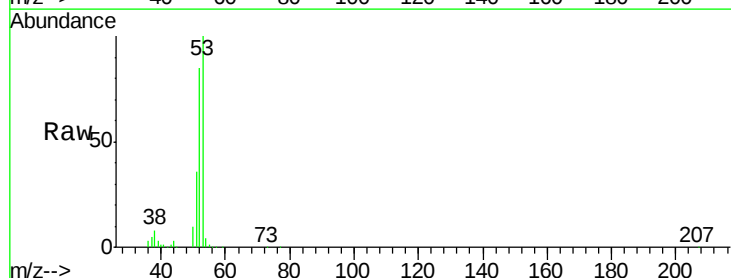
Tgt Ion: 53 Resp: 299335

Ion Ratio Lower Upper

53 100

52 81.4 66.9 100.3

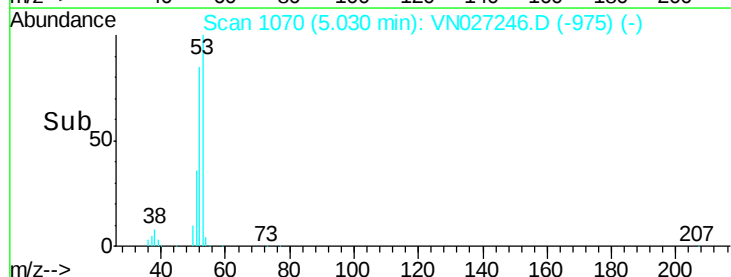
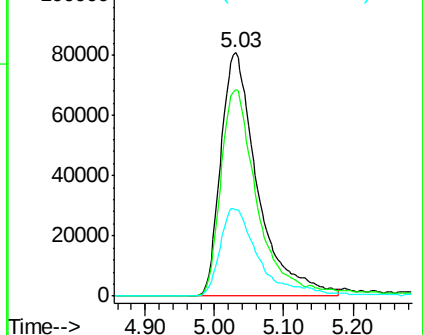
51 37.8 27.4 41.0

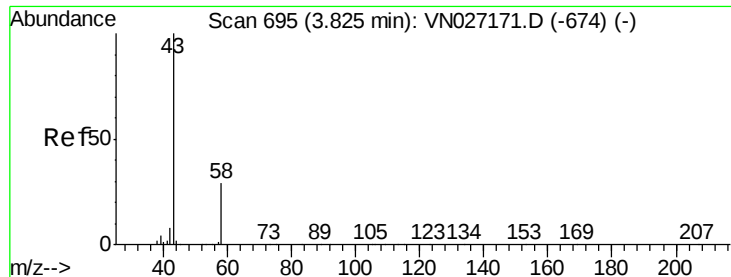


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#17

Acetone

Concen: 98.82 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

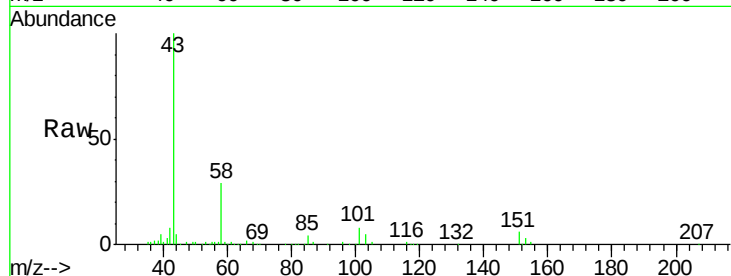
VN0917WBS01

Tgt Ion: 43 Resp: 297595

Ion Ratio Lower Upper

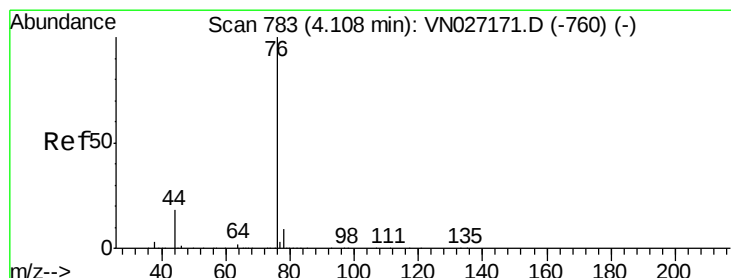
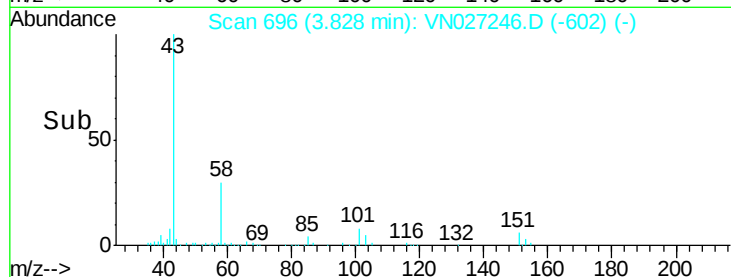
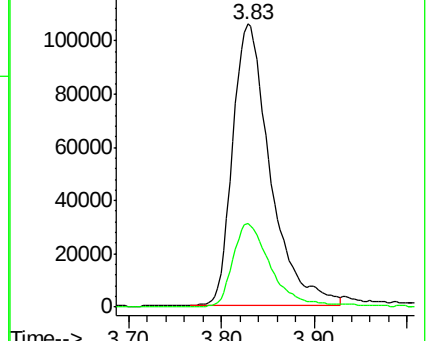
43 100

58 29.6 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: 16.45 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027246.D

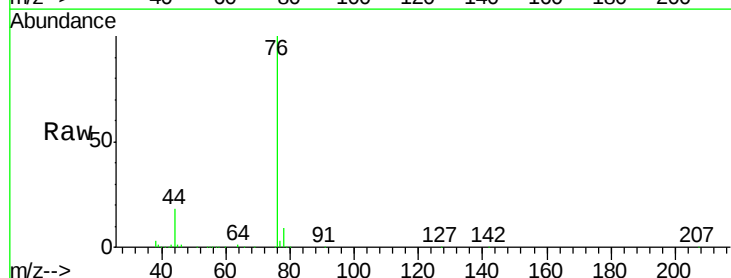
Acq: 17 Sep 2015 11:03

Tgt Ion: 76 Resp: 374862

Ion Ratio Lower Upper

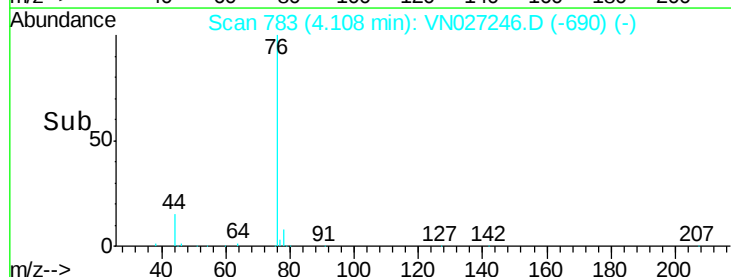
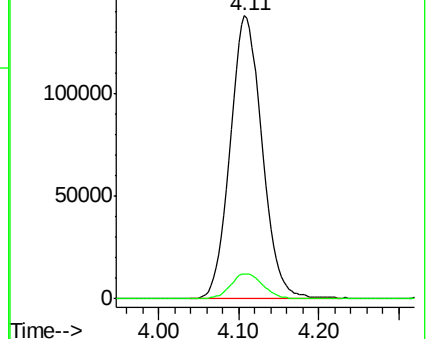
76 100

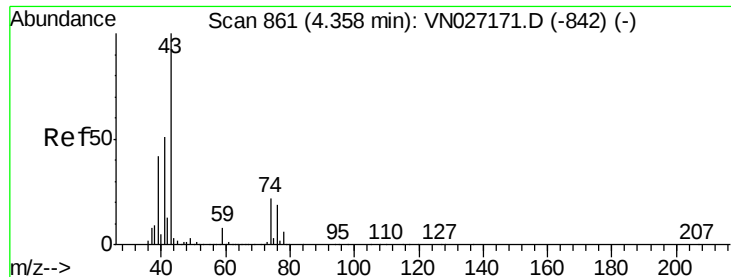
78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

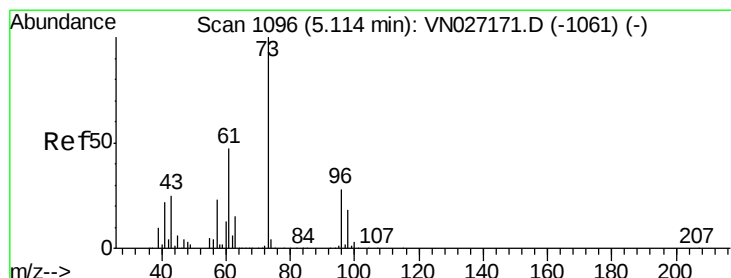
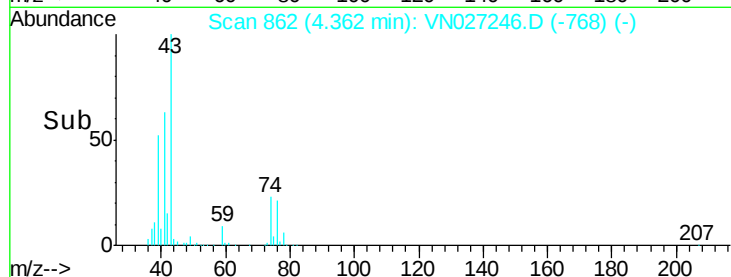
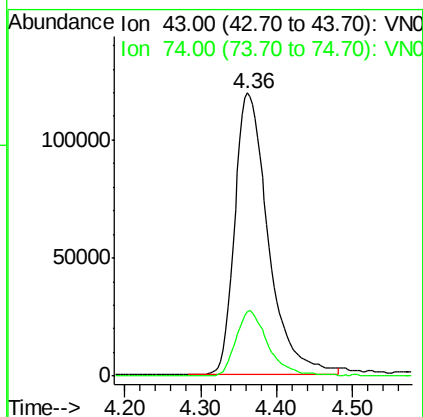
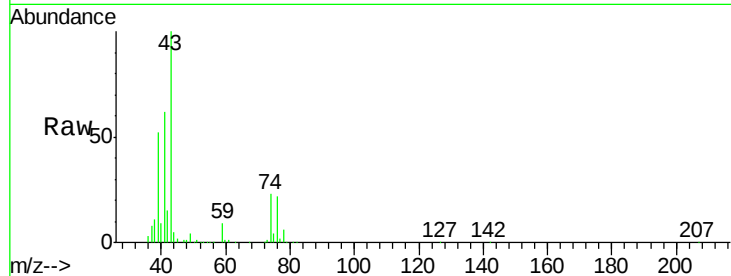




#19
Methyl Acetate
Concen: 16.79 ug/l
RT: 4.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

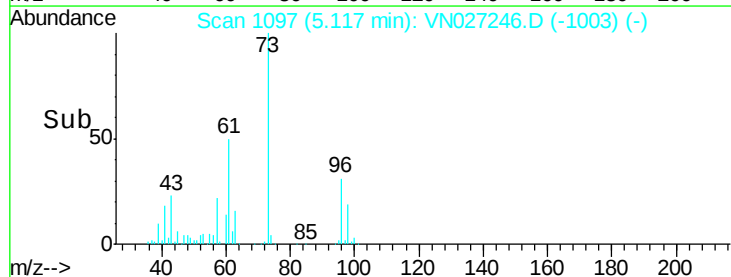
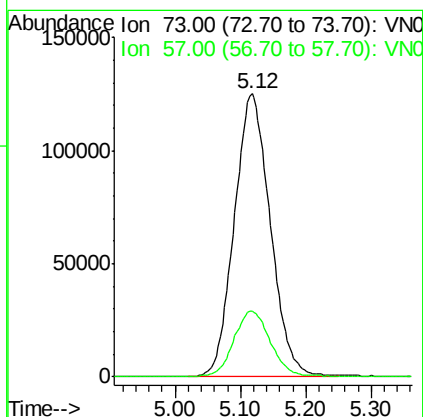
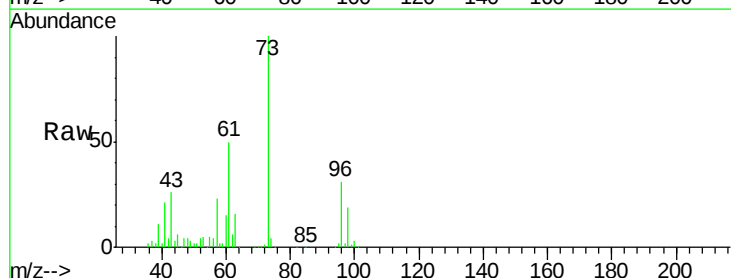
Instrument :
MSVOA_N
ClientSampled :
VN0917WBS01

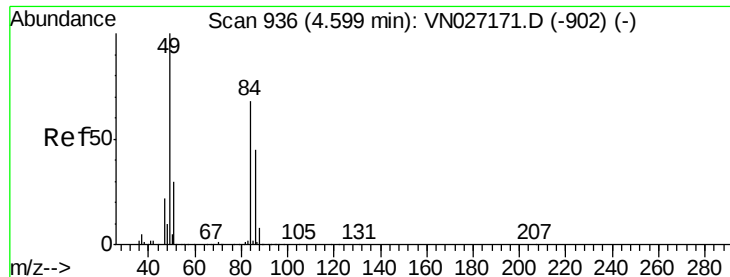
Tgt Ion: 43 Resp: 366158
Ion Ratio Lower Upper
43 100
74 22.2 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 17.08 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion: 73 Resp: 480058
Ion Ratio Lower Upper
73 100
57 23.2 19.8 29.6

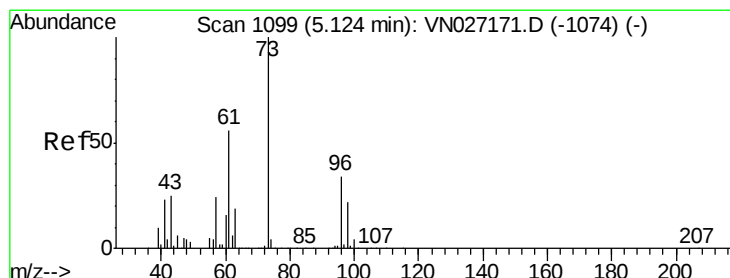
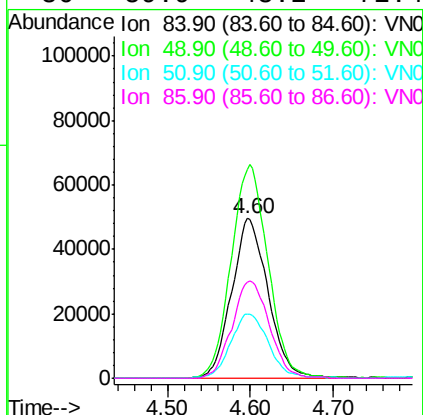
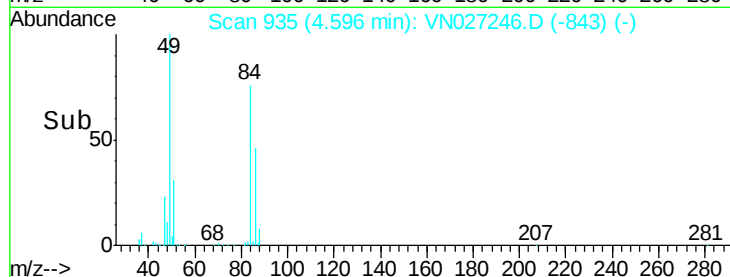
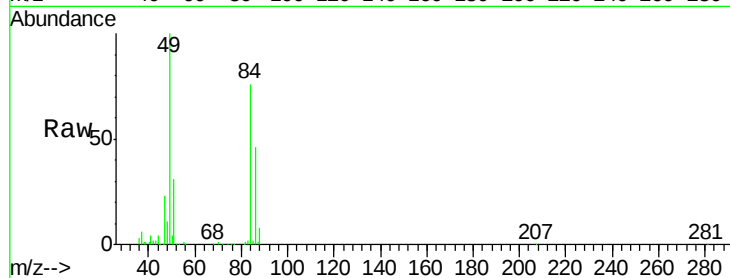




#21
Methylene Chloride
Concen: 18.06 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

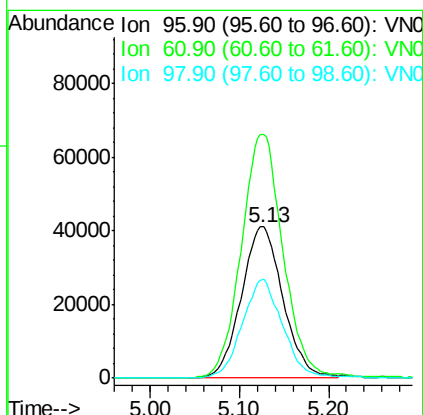
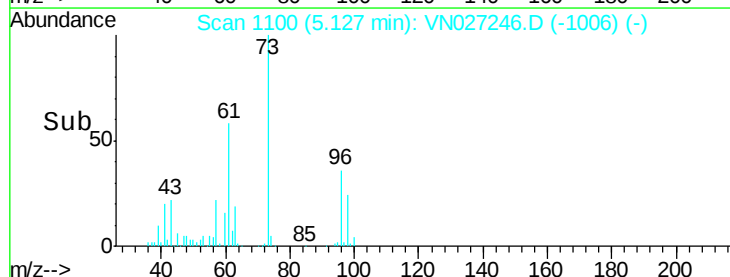
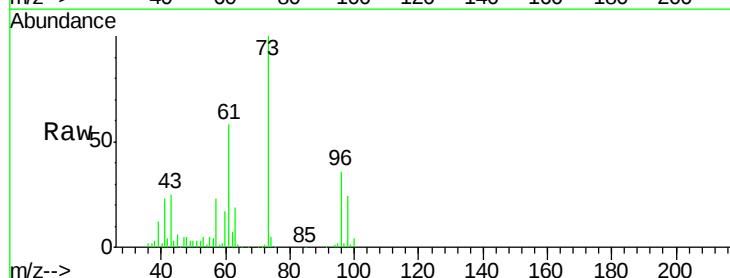
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

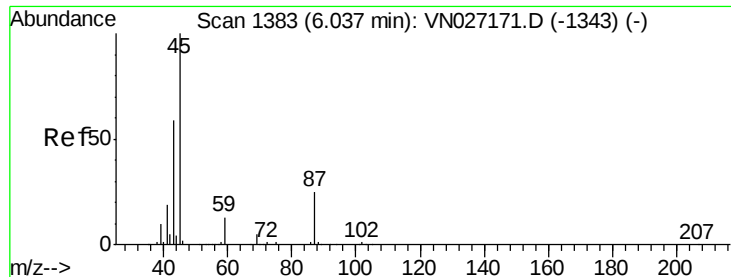
Tgt Ion:	84	Resp:	151501
Ion	Ratio	Lower	Upper
84	100		
49	131.0	112.3	168.5
51	40.4	33.8	50.8
86	59.9	48.2	72.4



#22
trans-1,2-Dichloroethene
Concen: 17.68 ug/l
RT: 5.13 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion:	96	Resp:	133836
Ion	Ratio	Lower	Upper
96	100		
61	160.9	126.6	189.8
98	65.1	47.4	71.2

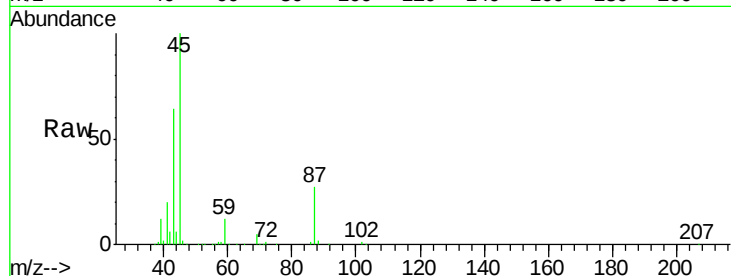




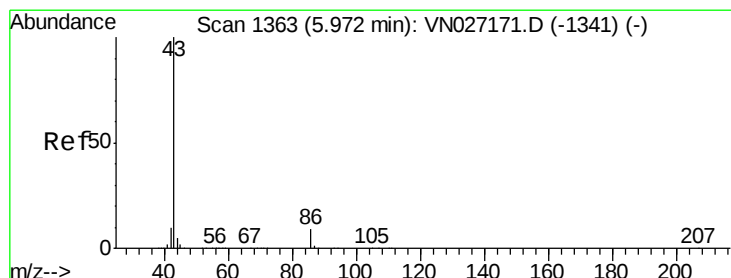
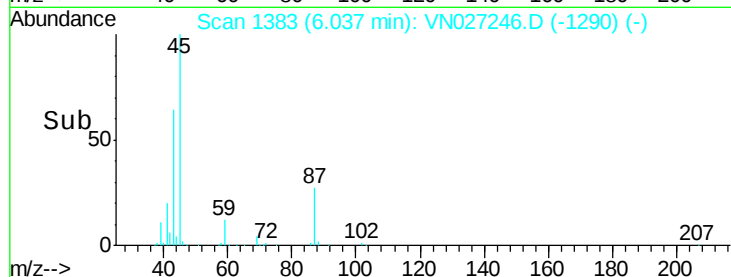
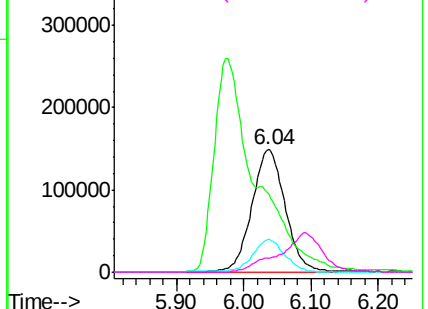
#23
Diisopropyl ether
Concen: 17.30 ug/l
RT: 6.04 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

Tgt Ion:	45	Resp:	513220
Ion	Ratio	Lower	Upper
45	100		
43	63.2	41.0	61.6#
87	26.7	17.5	26.3#
59	11.6	8.7	13.1

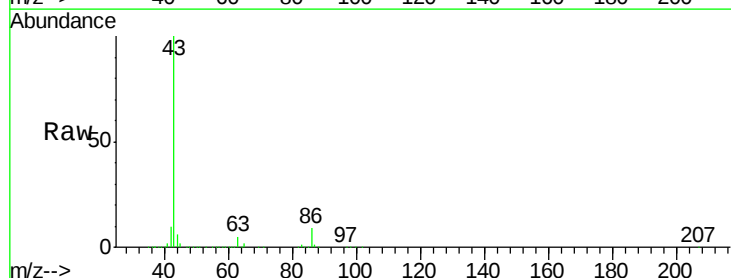


Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

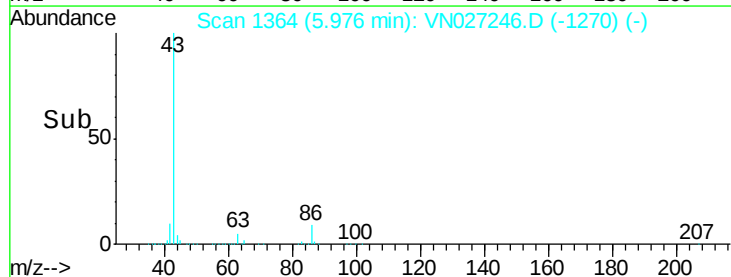
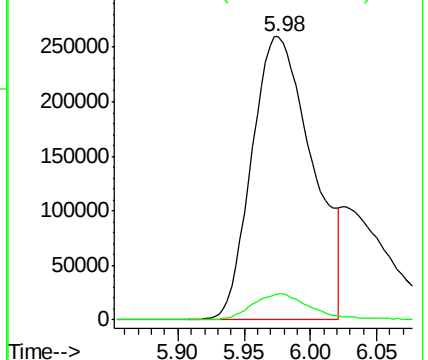


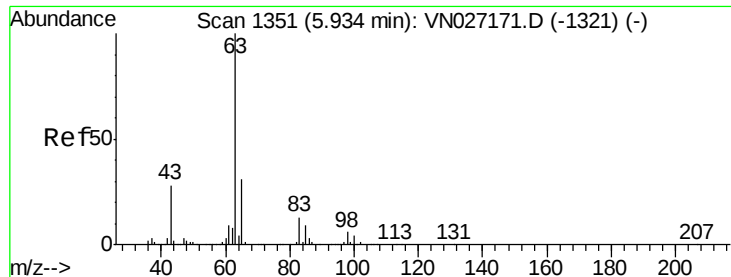
#24
Vinyl Acetate
Concen: 83.82 ug/l
RT: 5.98 min Scan# 1364
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion:	43	Resp:	822883
Ion	Ratio	Lower	Upper
43	100		
86	9.1	6.9	10.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0





#25

1,1-Dichloroethane

Concen: 17.28 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

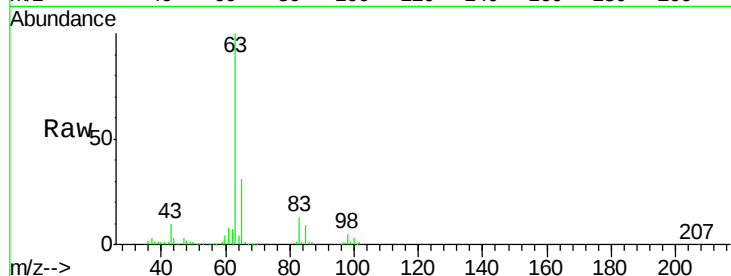
Tgt Ion: 63 Resp: 297743

Ion Ratio Lower Upper

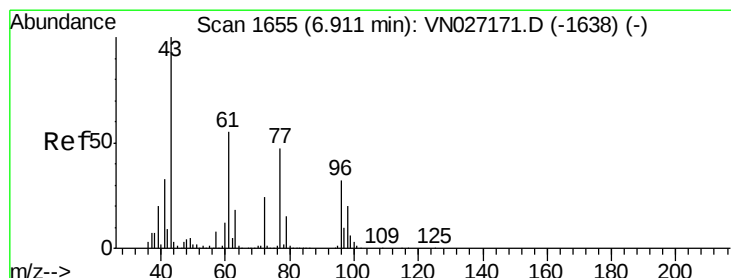
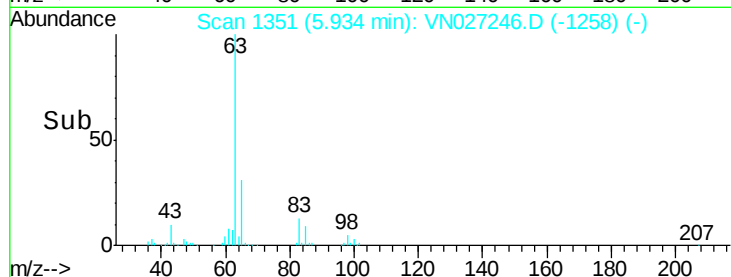
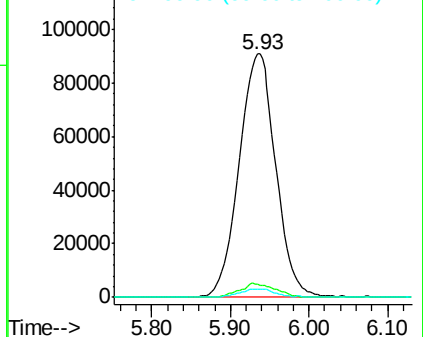
63 100

98 5.3 2.8 8.3

100 3.2 1.7 5.0



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



#26

2-Butanone

Concen: 87.28 ug/l

RT: 6.92 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VN027246.D

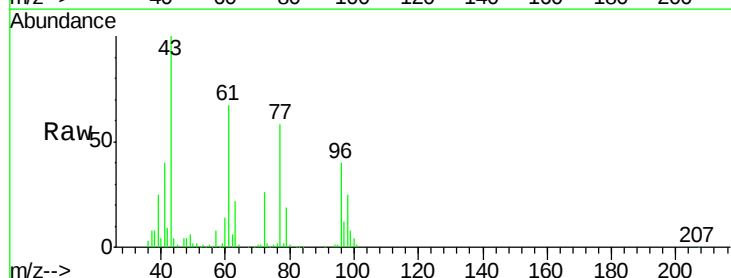
Acq: 17 Sep 2015 11:03

Tgt Ion: 43 Resp: 395781

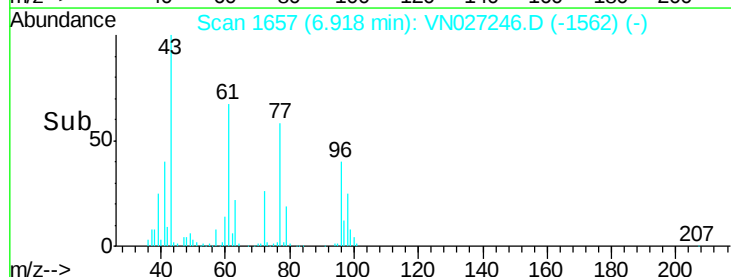
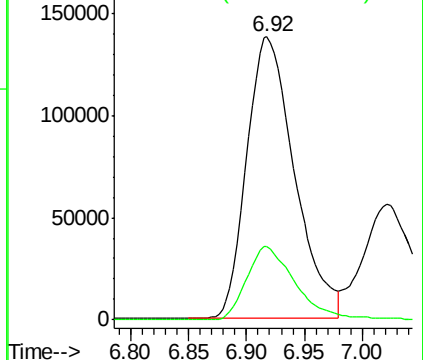
Ion Ratio Lower Upper

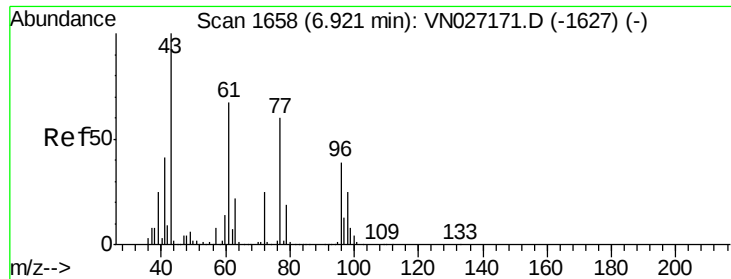
43 100

72 26.3 18.8 28.2



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

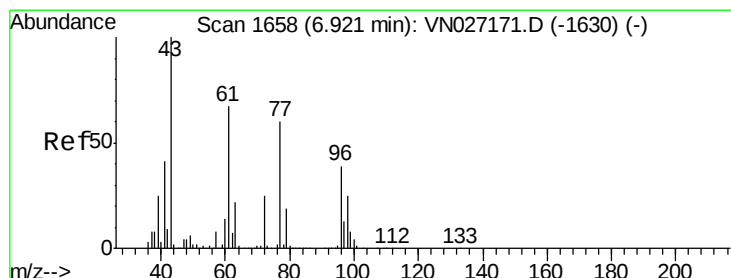
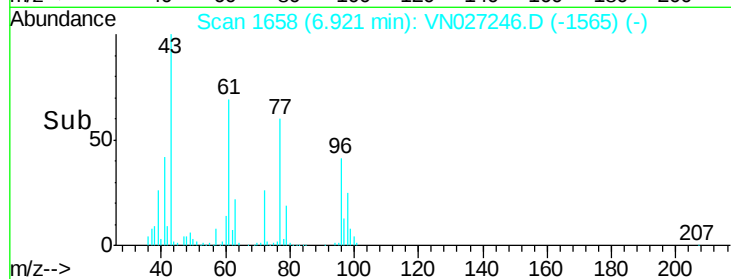
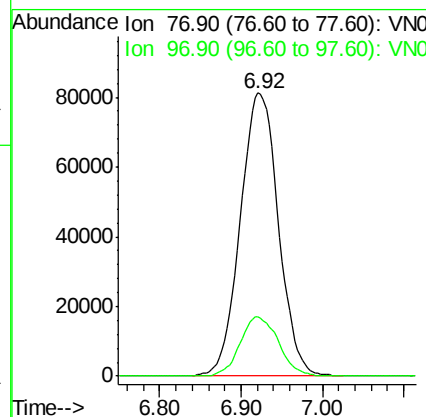
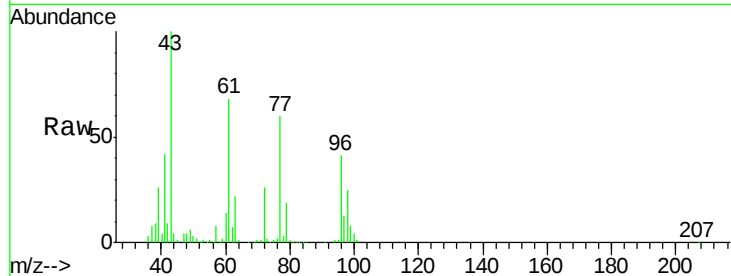




#27
 2,2-Dichloropropane
 Concen: 17.55 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

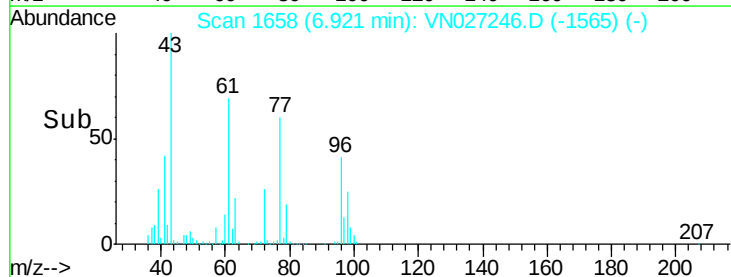
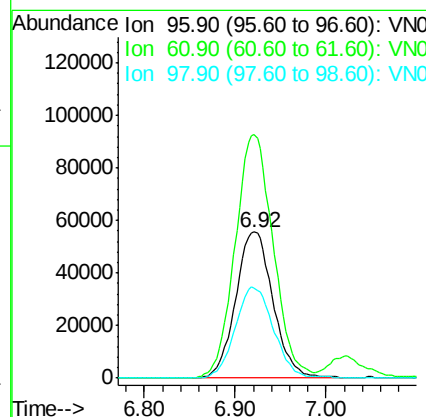
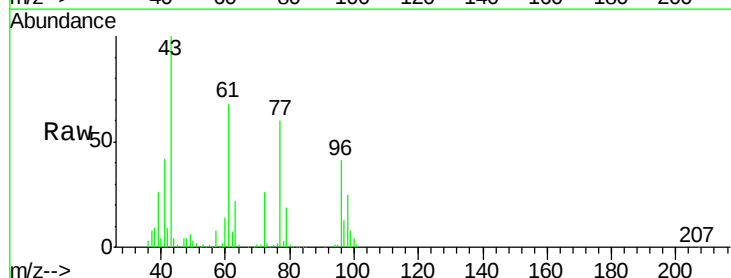
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

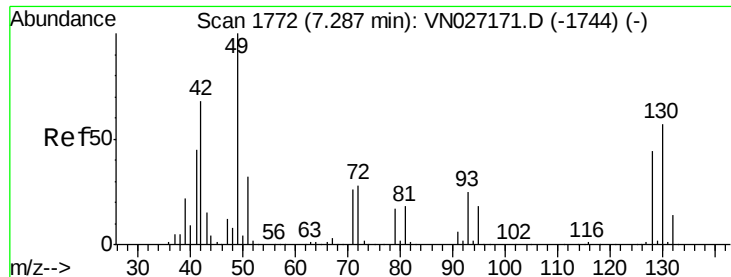
Tgt Ion: 77 Resp: 262340
 Ion Ratio Lower Upper
 77 100
 97 21.1 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 18.30 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion: 96 Resp: 158905
 Ion Ratio Lower Upper
 96 100
 61 169.2 0.0 329.2
 98 63.8 0.0 126.0





#29

Bromochloromethane

Concen: 16.40 ug/l

RT: 7.29 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

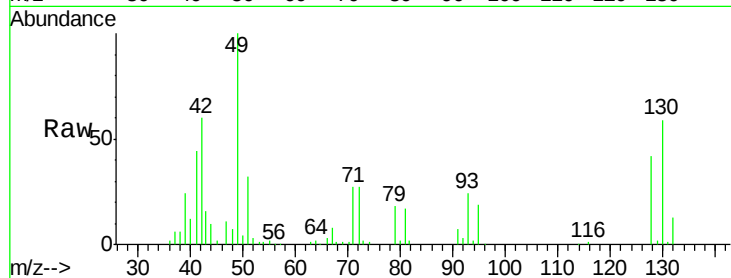
Tgt Ion: 49 Resp: 109708

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.2

130 55.9 43.2 64.8

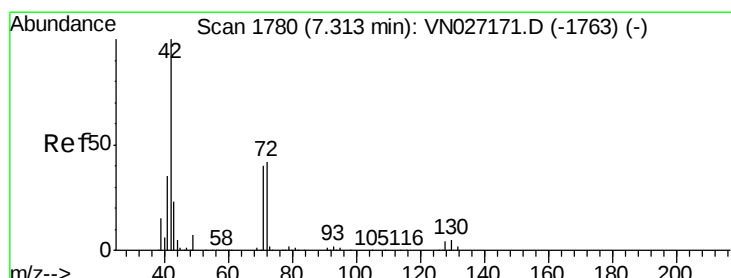
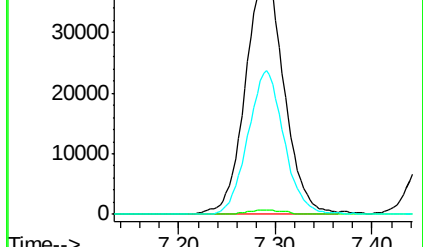
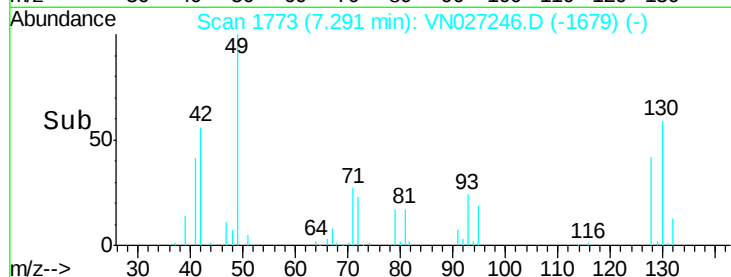


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0

Time-->



#30

Tetrahydrofuran

Concen: 76.05 ug/l

RT: 7.32 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

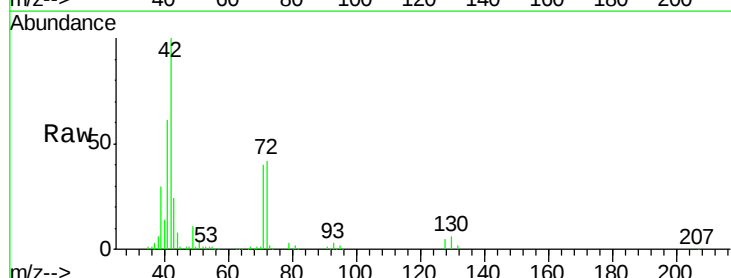
Tgt Ion: 42 Resp: 237678

Ion Ratio Lower Upper

42 100

72 44.8 29.9 44.9

71 43.3 28.3 42.5#

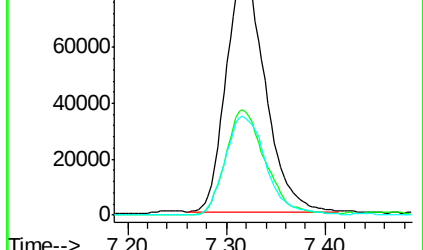
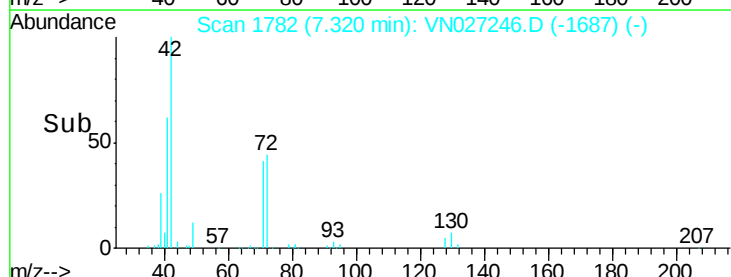


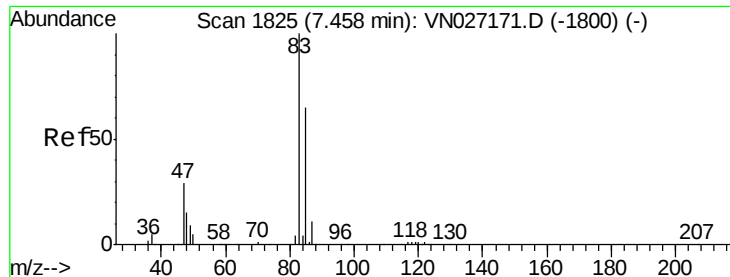
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->





#31

Chloroform

Concen: 17.97 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

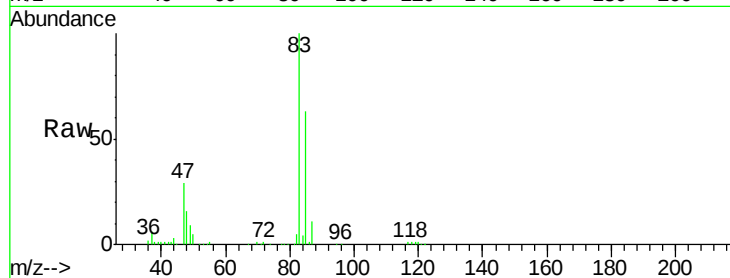
VN0917WBS01

Tgt Ion: 83 Resp: 279732

Ion Ratio Lower Upper

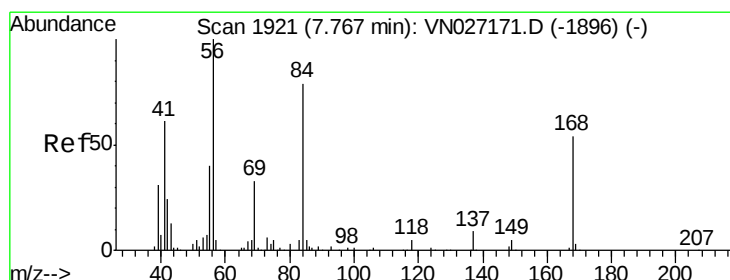
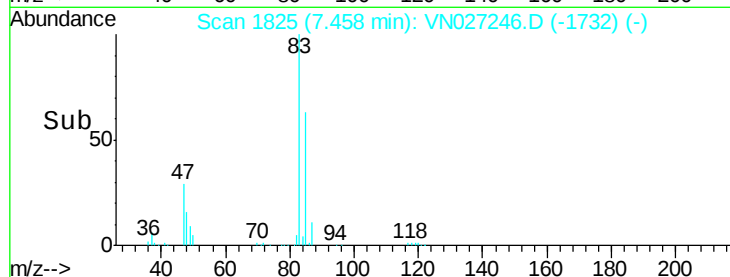
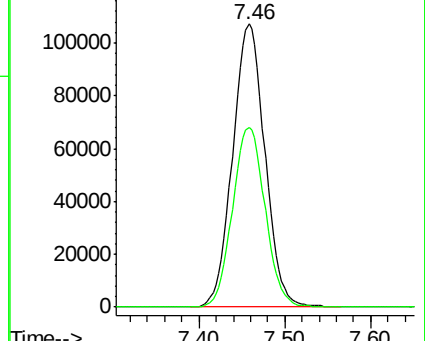
83 100

85 63.5 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#32

Cyclohexane

Concen: 18.14 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

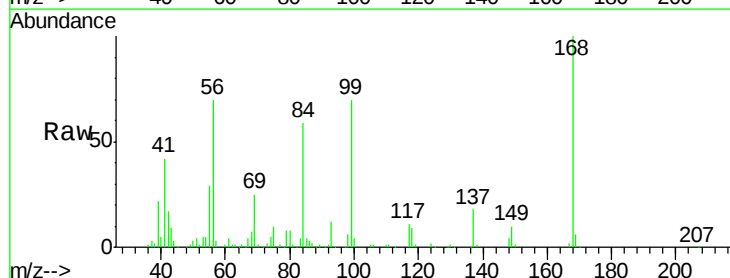
Tgt Ion: 56 Resp: 287301

Ion Ratio Lower Upper

56 100

69 35.5 23.0 34.4#

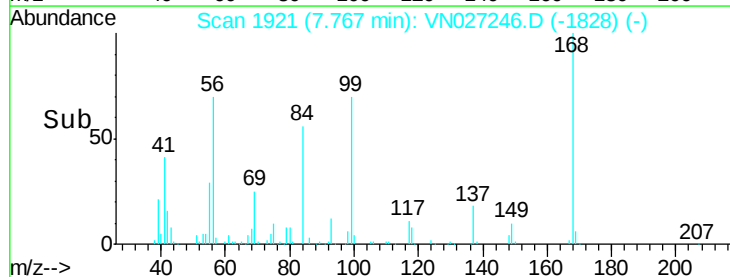
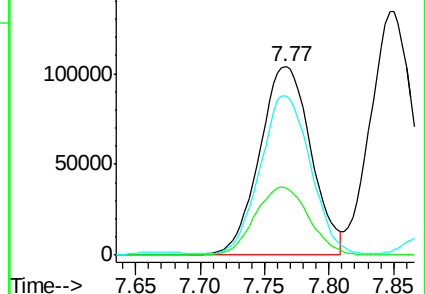
84 83.7 57.8 86.8

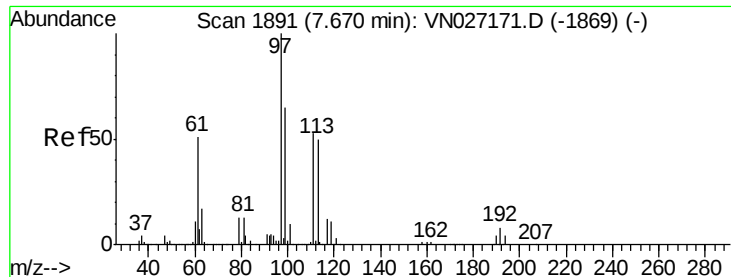


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

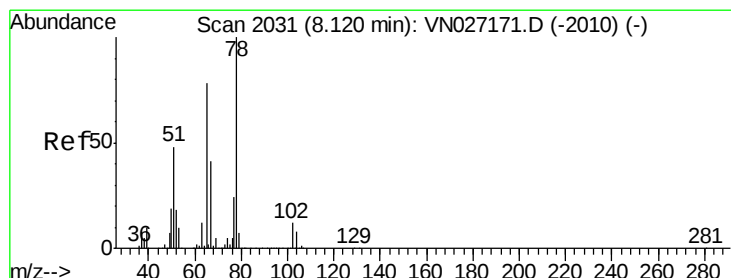
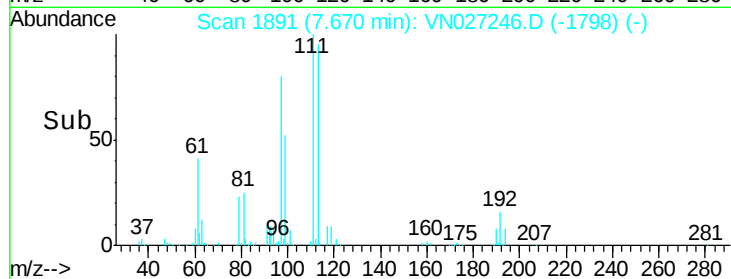
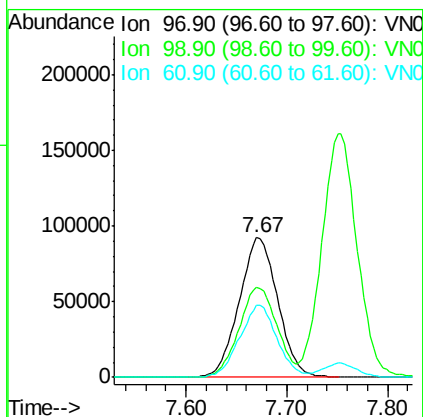
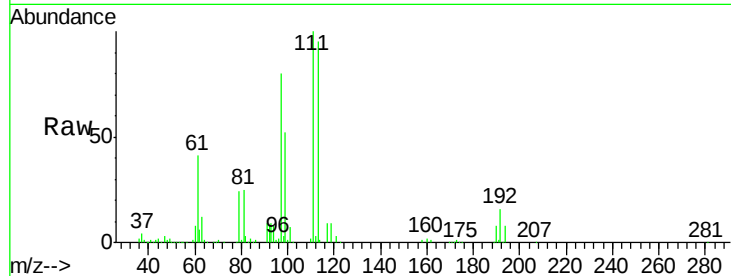




#33
 1,1,1-Trichloroethane
 Concen: 17.63 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

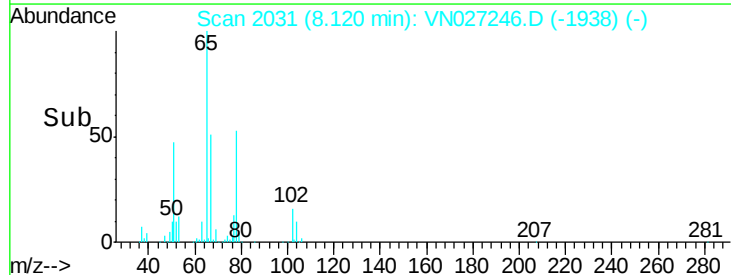
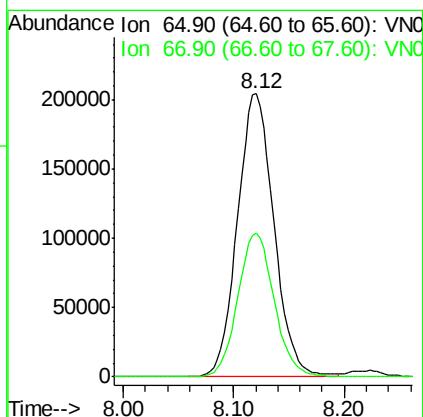
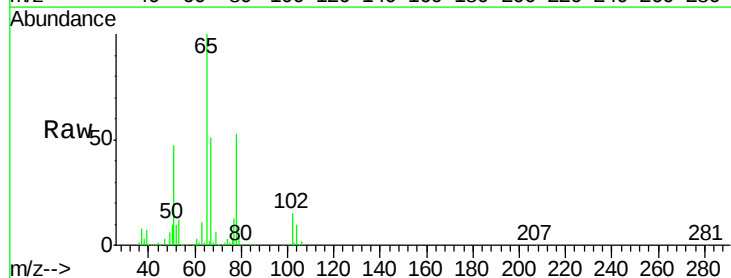
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

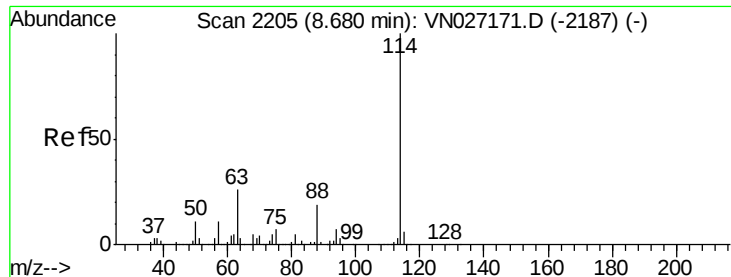
Tgt Ion: 97 Resp: 244734
 Ion Ratio Lower Upper
 97 100
 99 63.4 50.1 75.1
 61 50.2 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 41.87 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion: 65 Resp: 467655
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 110.6

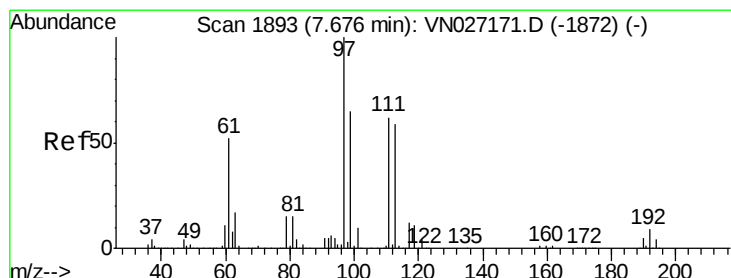
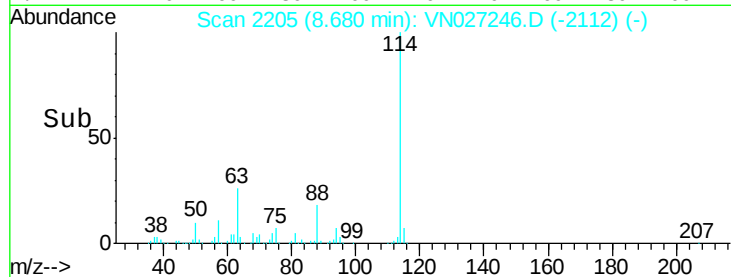
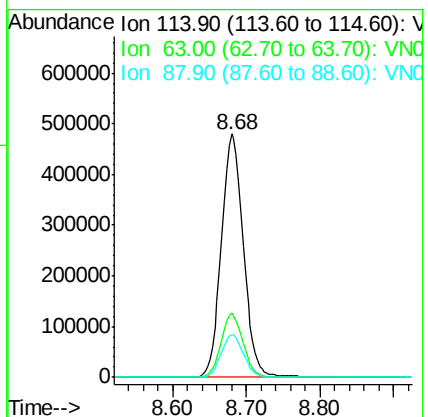
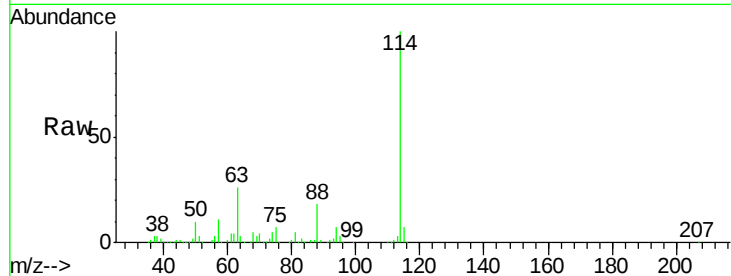




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

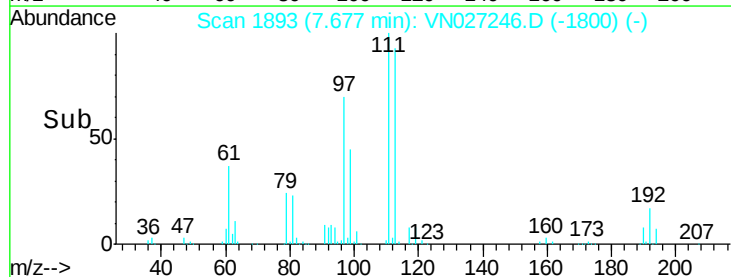
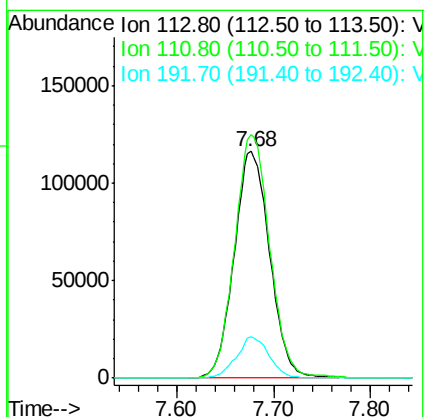
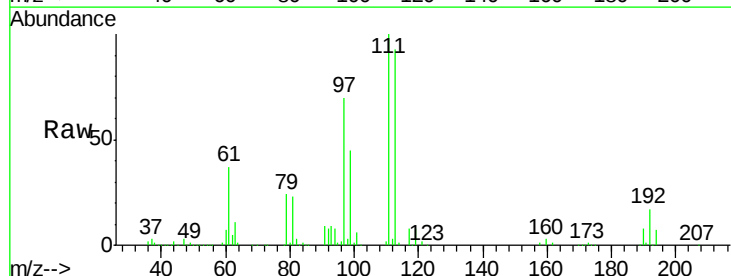
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

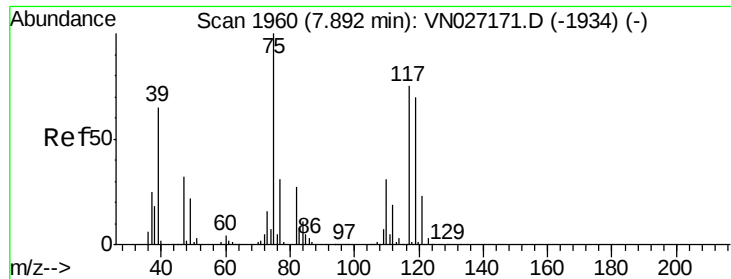
Tgt Ion:114 Resp: 998789
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 48.8
 88 17.7 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 42.91 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion:113 Resp: 297082
 Ion Ratio Lower Upper
 113 100
 111 106.5 83.0 124.4
 192 16.8 14.1 21.1

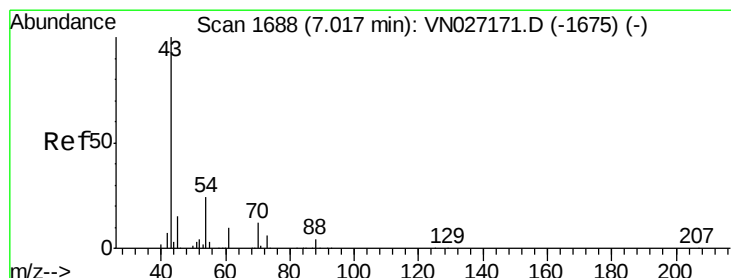
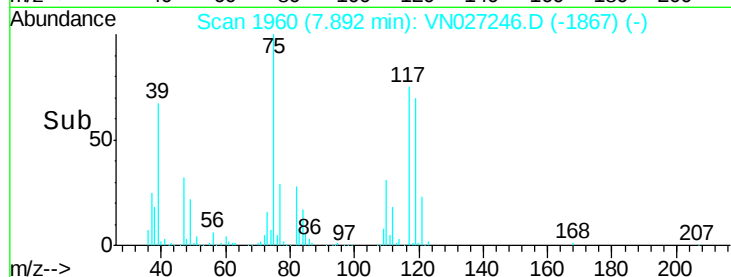
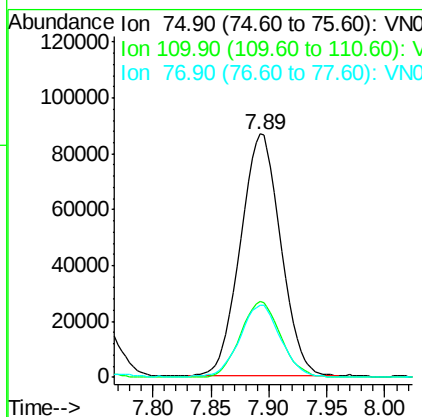
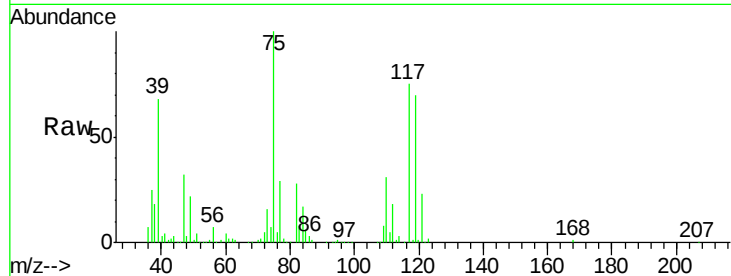




#37
 1,1-Dichloropropene
 Concen: 17.84 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

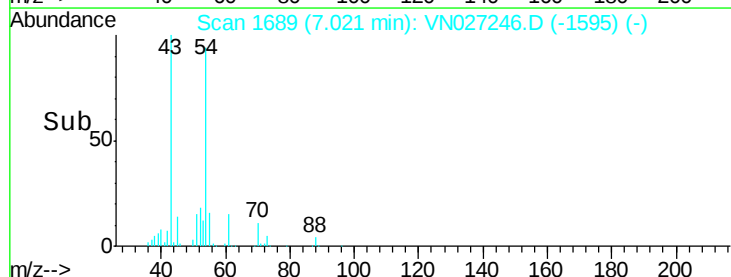
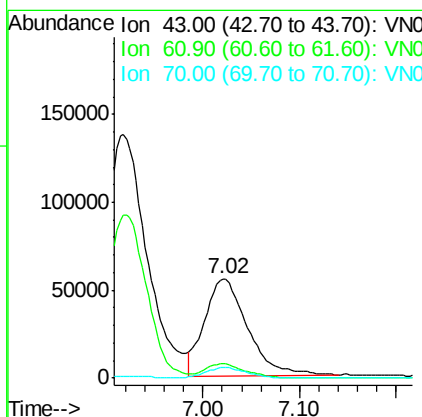
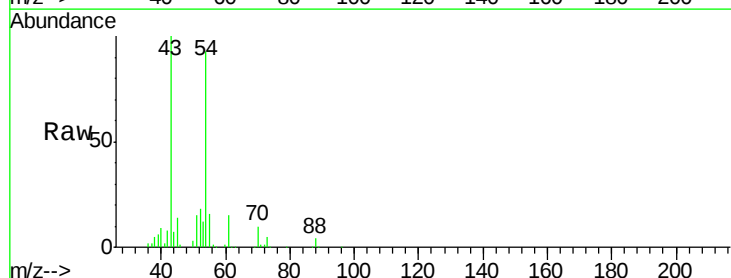
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

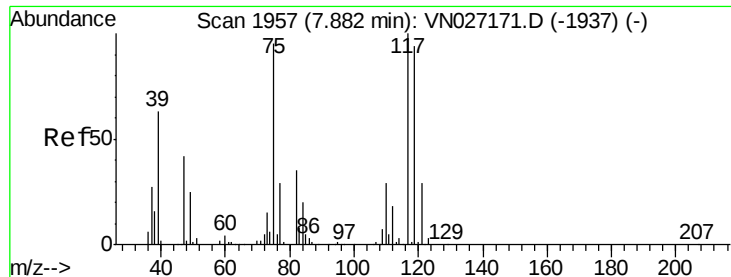
Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	15.9	47.7
77	29.9	24.9	37.3



#38
 Ethyl Acetate
 Concen: 16.29 ug/l
 RT: 7.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	10.1	7.4	11.0

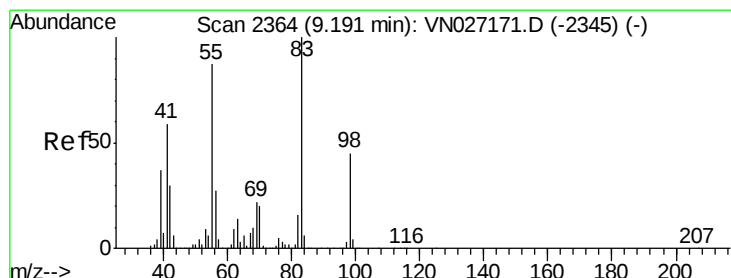
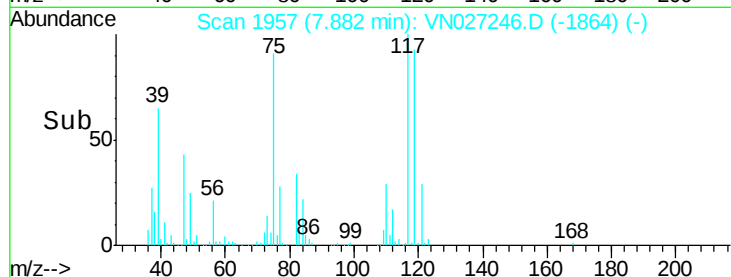
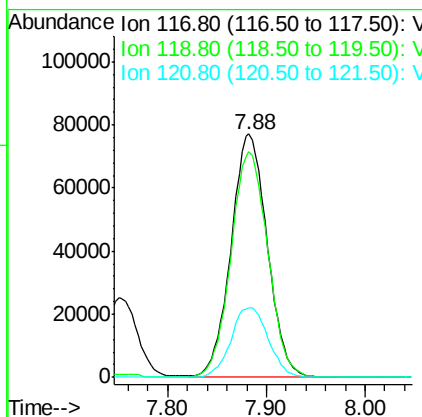
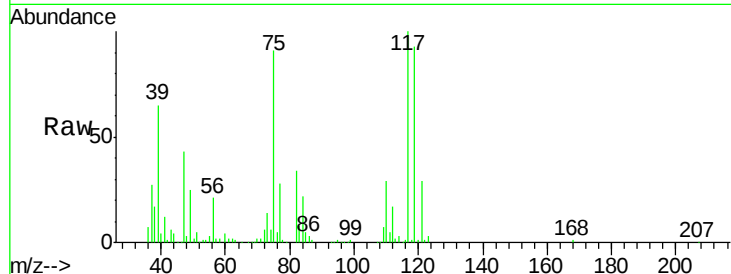




#39
Carbon Tetrachloride
Concen: 17.95 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

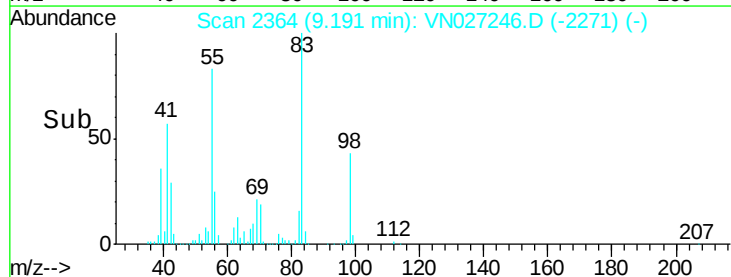
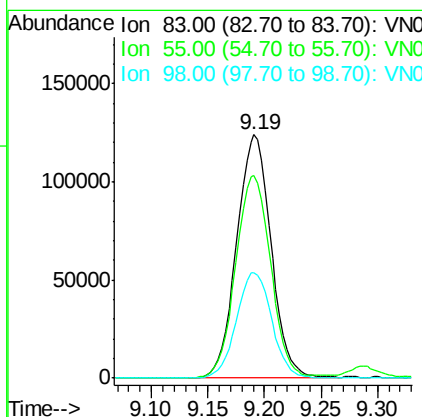
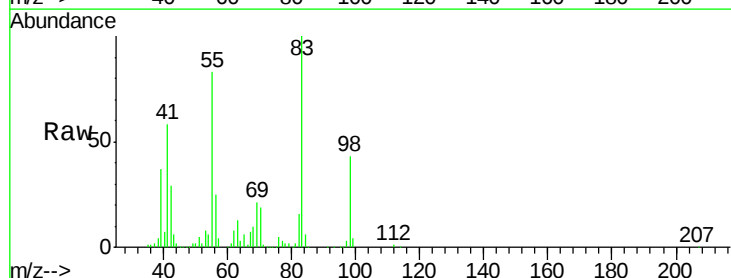
Instrument :
MSVOA_N
ClientSampled :
VN0917WBS01

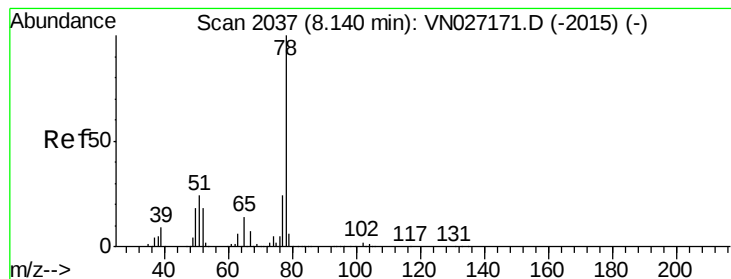
Tgt Ion: 117 Resp: 197329
Ion Ratio Lower Upper
117 100
119 92.5 75.3 112.9
121 28.6 23.8 35.8



#40
Methylcyclohexane
Concen: 18.51 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion: 83 Resp: 263507
Ion Ratio Lower Upper
83 100
55 83.1 69.8 104.8
98 43.4 34.3 51.5





#41

Benzene

Concen: 18.17 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

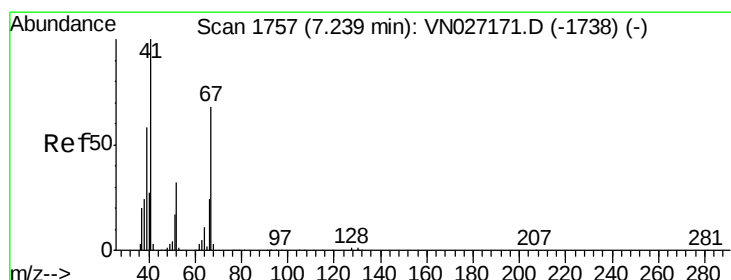
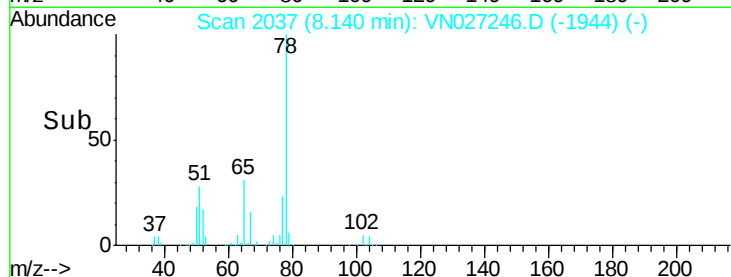
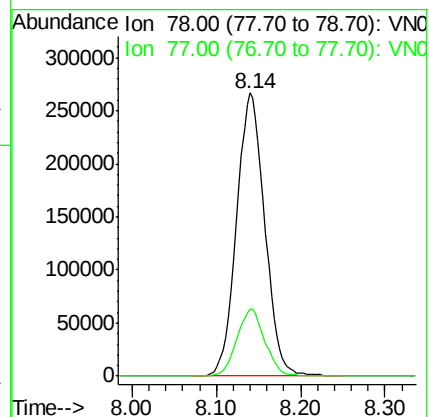
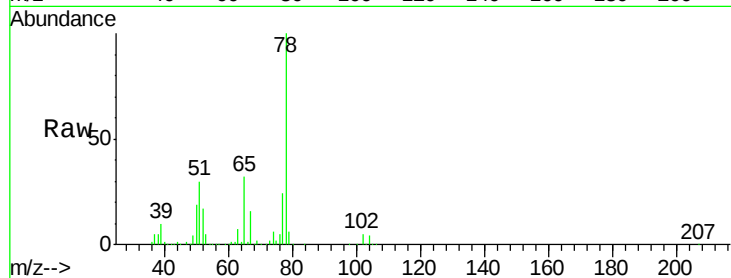
VN0917WBS01

Tgt Ion: 78 Resp: 619779

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



#42

Methacrylonitrile

Concen: 16.21 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Tgt Ion: 41 Resp: 91610

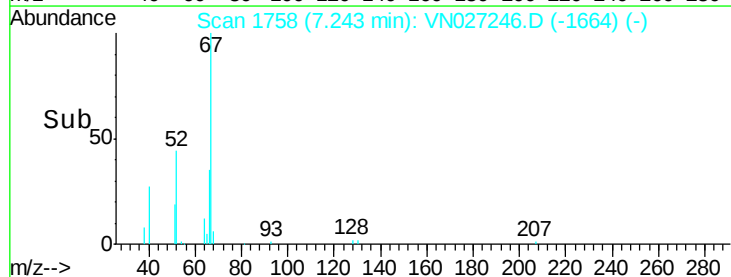
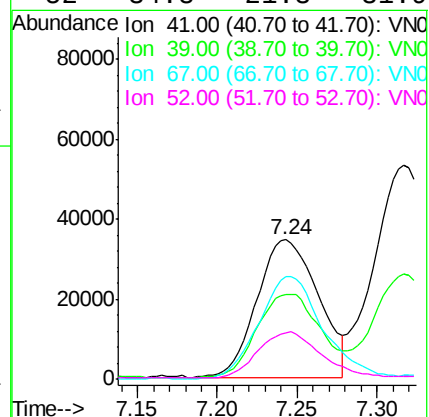
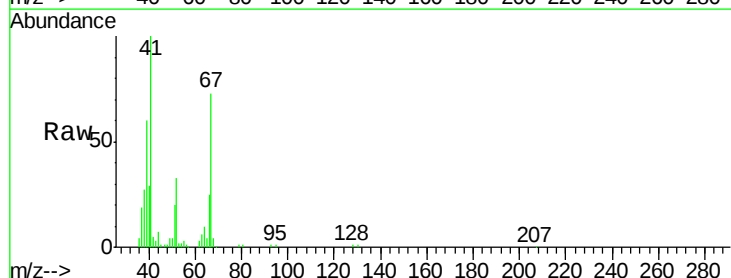
Ion Ratio Lower Upper

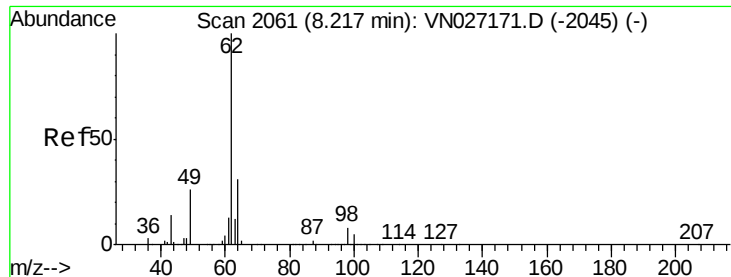
41 100

39 62.5 43.0 64.6

67 78.3 52.2 78.2#

52 34.8 21.3 31.9#

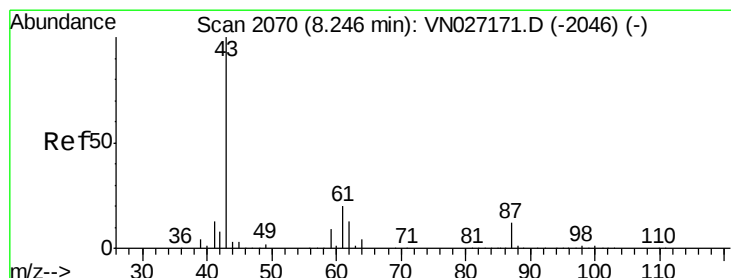
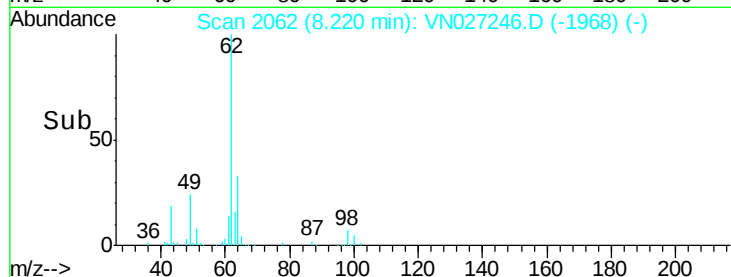
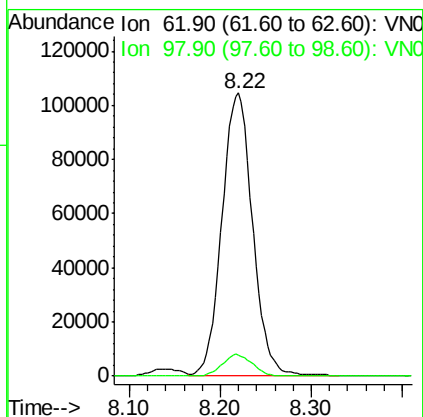
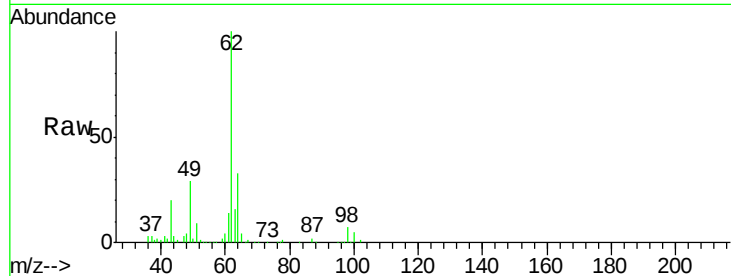




#43
 1,2-Dichloroethane
 Concen: 17.75 ug/l
 RT: 8.22 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

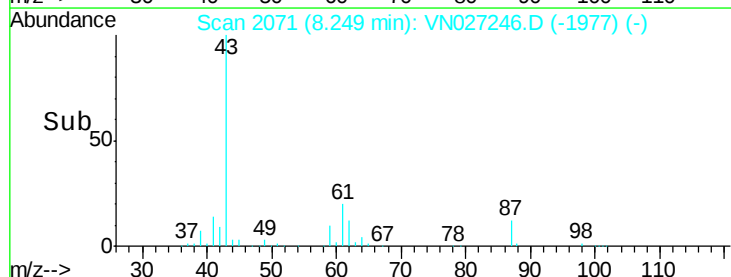
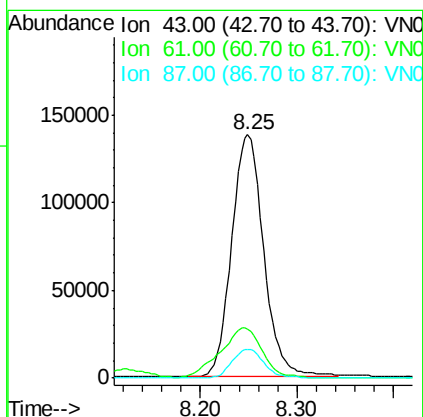
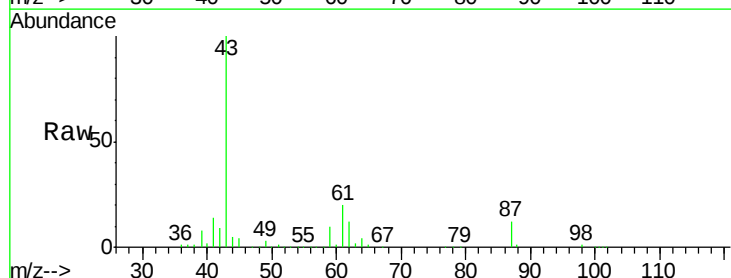
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

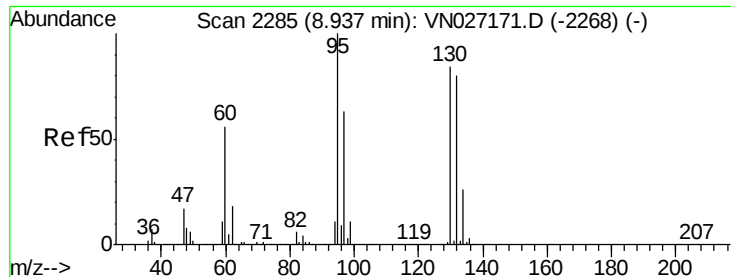
Tgt Ion: 62 Resp: 243991
 Ion Ratio Lower Upper
 62 100
 98 7.5 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 17.08 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion: 43 Resp: 319079
 Ion Ratio Lower Upper
 43 100
 61 26.4 20.6 31.0
 87 11.9 8.6 13.0





#45

Trichloroethene

Concen: 18.19 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

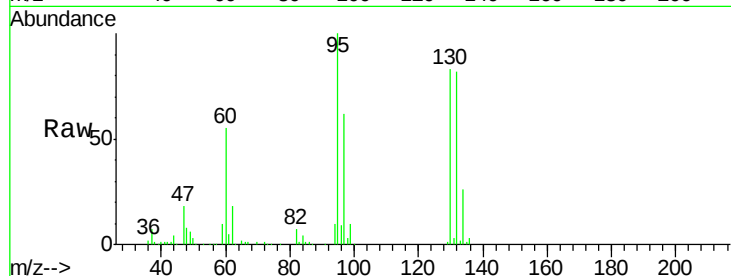
VN0917WBS01

Tgt Ion:130 Resp: 124667

Ion Ratio Lower Upper

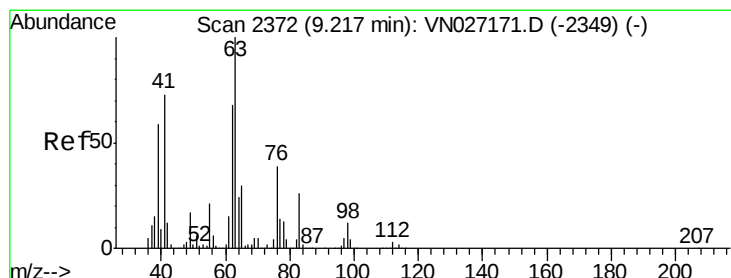
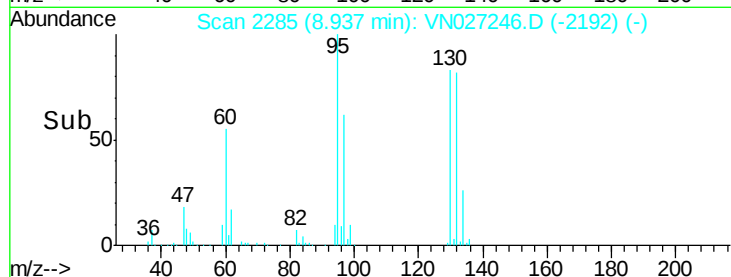
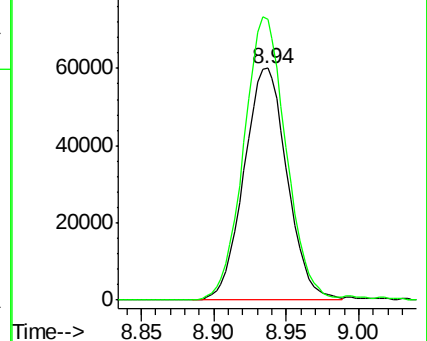
130 100

95 120.9 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#46

1,2-Dichloropropane

Concen: 17.87 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027246.D

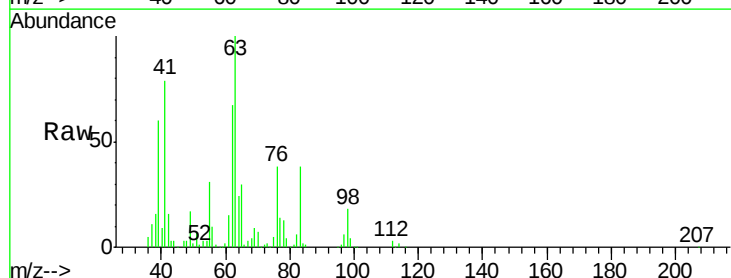
Acq: 17 Sep 2015 11:03

Tgt Ion: 63 Resp: 175399

Ion Ratio Lower Upper

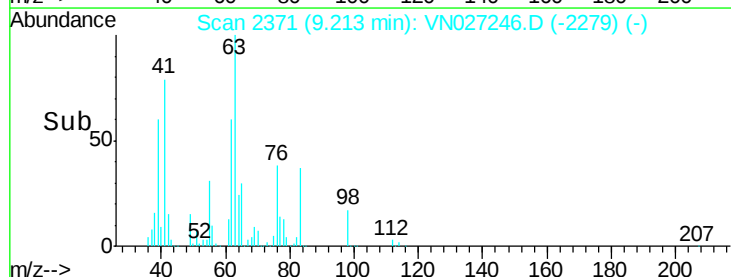
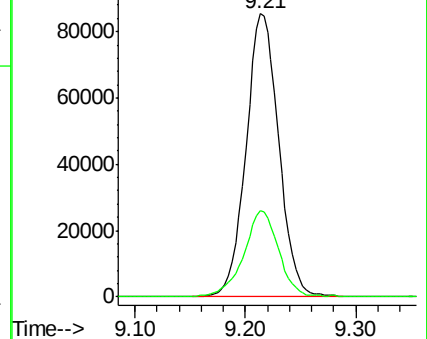
63 100

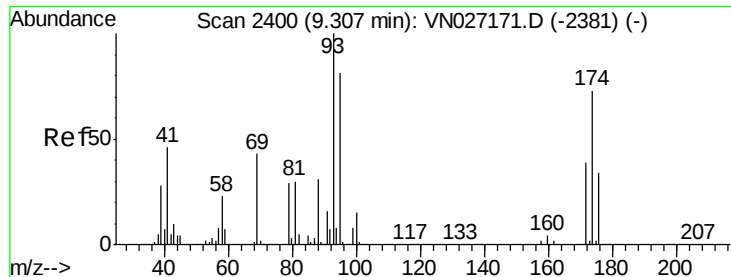
65 30.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





#47

Dibromomethane

Concen: 17.65 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

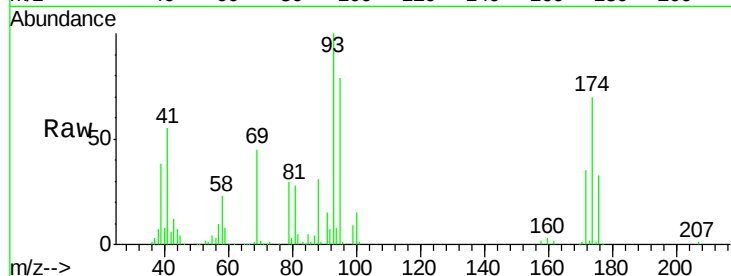
Tgt Ion: 93 Resp: 101717

Ion Ratio Lower Upper

93 100

95 81.9 66.3 99.5

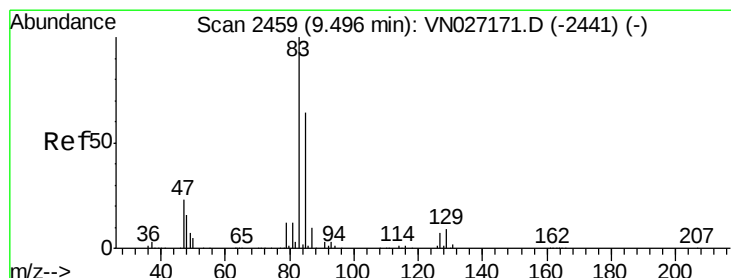
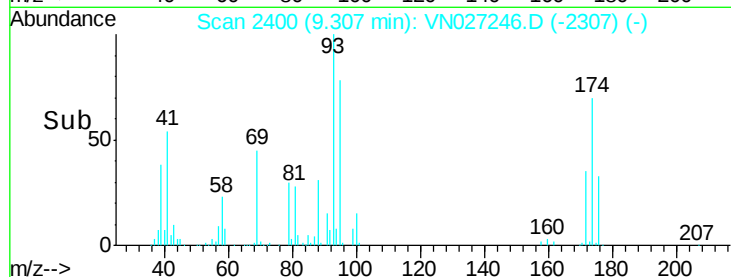
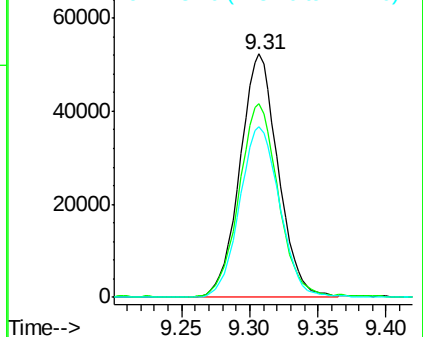
174 73.4 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#48

Bromodichloromethane

Concen: 17.60 ug/l

RT: 9.50 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

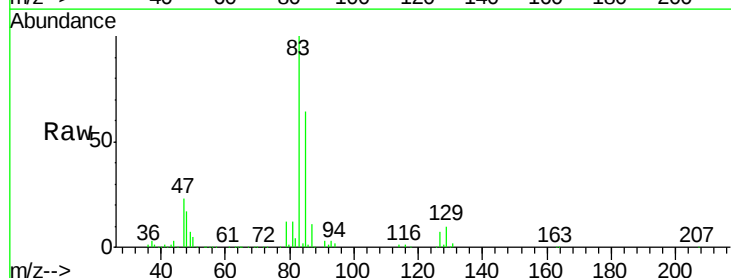
Tgt Ion: 83 Resp: 213768

Ion Ratio Lower Upper

83 100

85 63.7 50.7 76.1

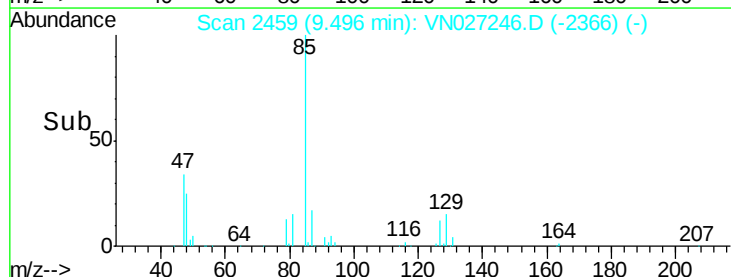
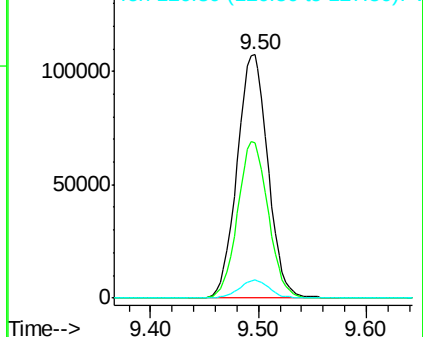
127 7.3 5.5 8.3

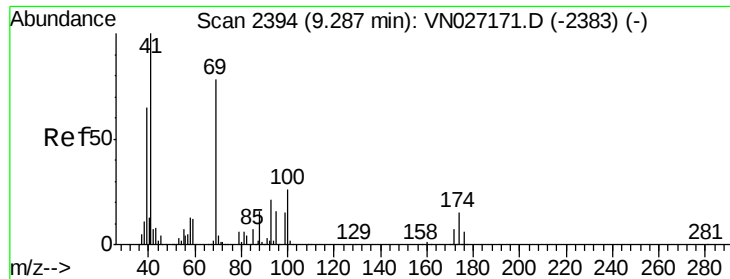


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

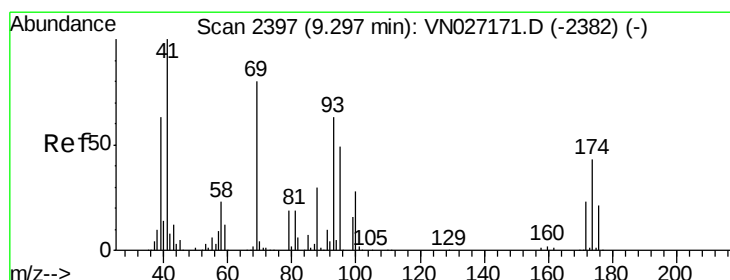
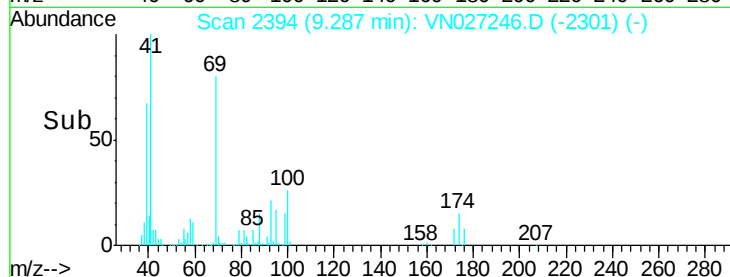
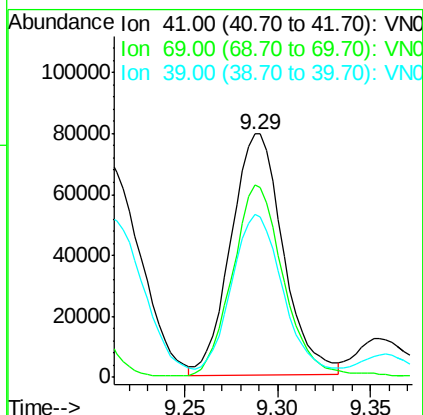
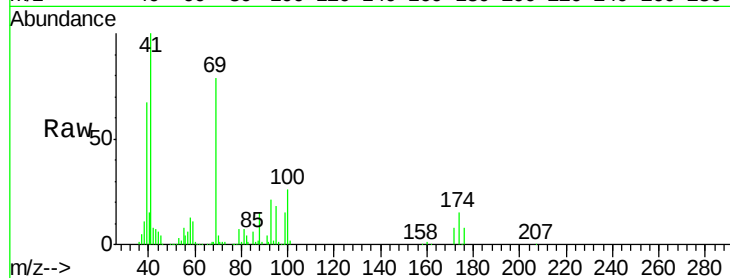




#49
Methyl methacrylate
Concen: 16.72 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

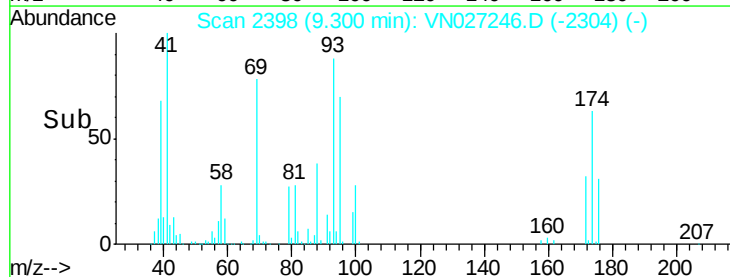
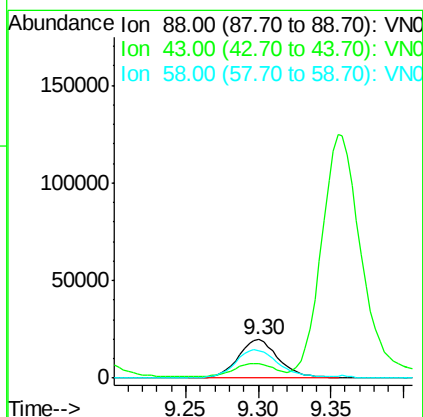
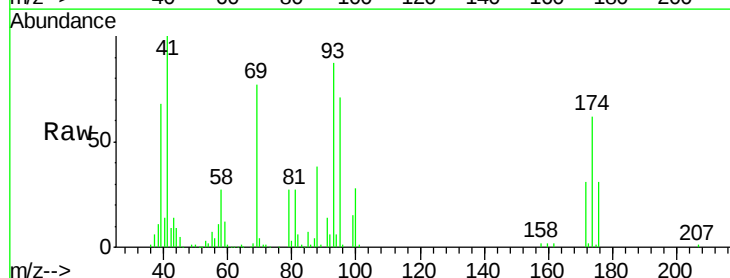
Instrument :
MSVOA_N
ClientSampled :
VN0917WBS01

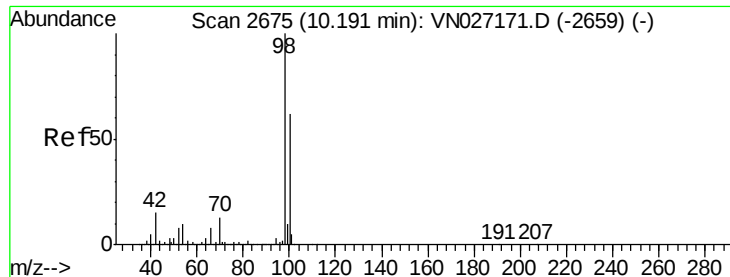
Tgt Ion: 41 Resp: 155619
Ion Ratio Lower Upper
41 100
69 78.3 59.3 88.9
39 66.7 39.5 59.3#



#50
1,4-Dioxane
Concen: 353.68 ug/l
RT: 9.30 min Scan# 2398
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion: 88 Resp: 38613
Ion Ratio Lower Upper
88 100
43 35.8 27.6 41.4
58 79.8 63.1 94.7





#51

Toluene-d8

Concen: 42.69 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

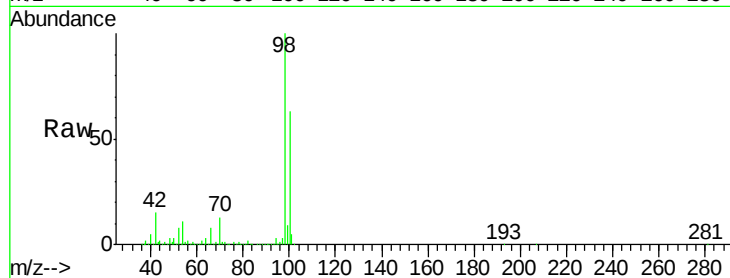
VN0917WBS01

Tgt Ion: 98 Resp: 1157200

Ion Ratio Lower Upper

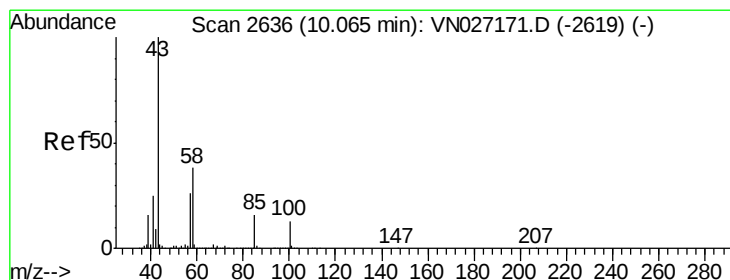
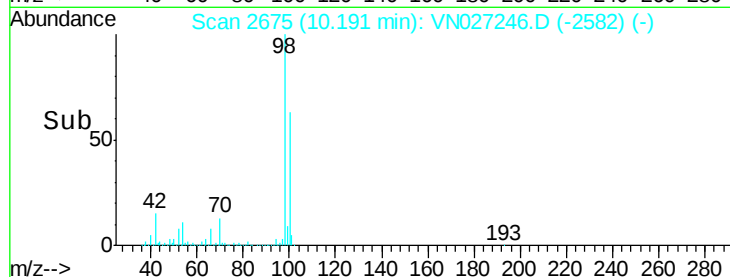
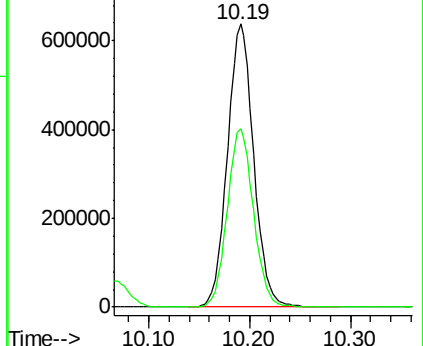
98 100

100 62.9 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



#52

4-Methyl-2-Pentanone

Concen: 84.86 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027246.D

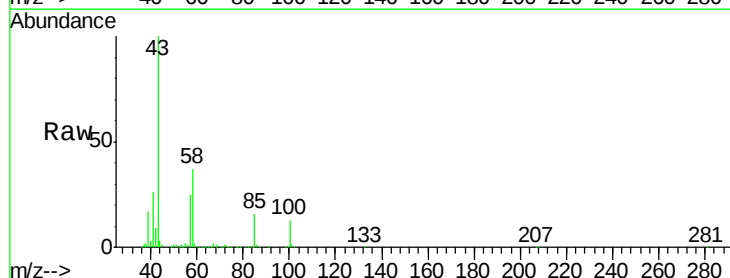
Acq: 17 Sep 2015 11:03

Tgt Ion: 43 Resp: 838258

Ion Ratio Lower Upper

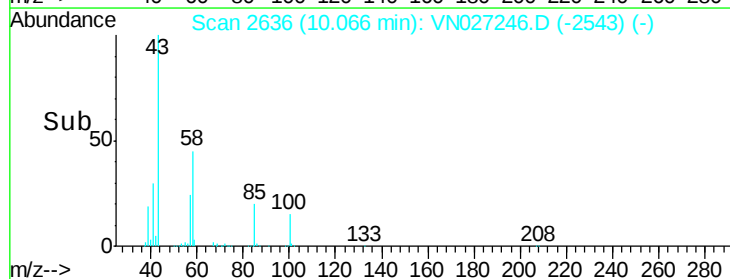
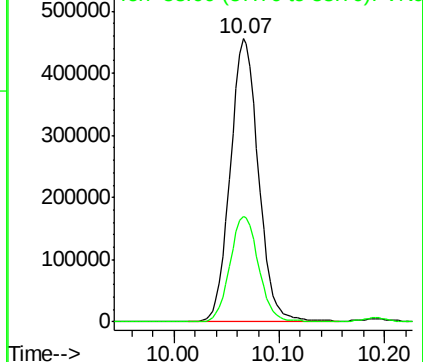
43 100

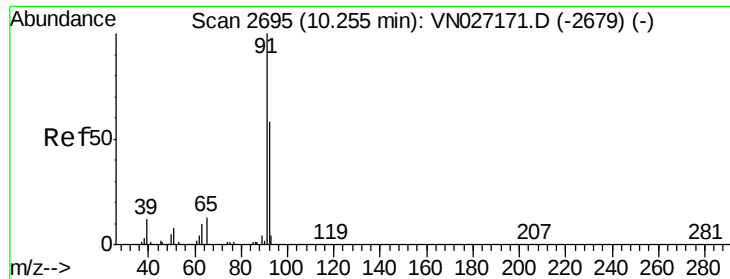
58 38.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 18.07 ug/l

RT: 10.26 min Scan# 2696

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

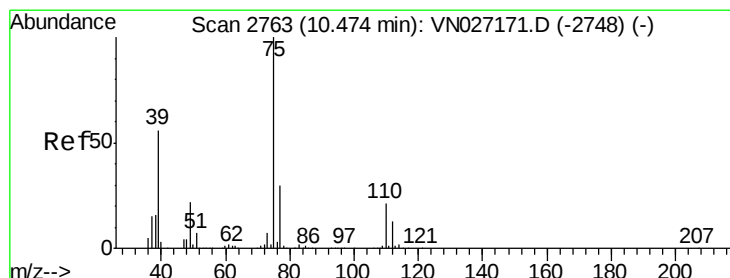
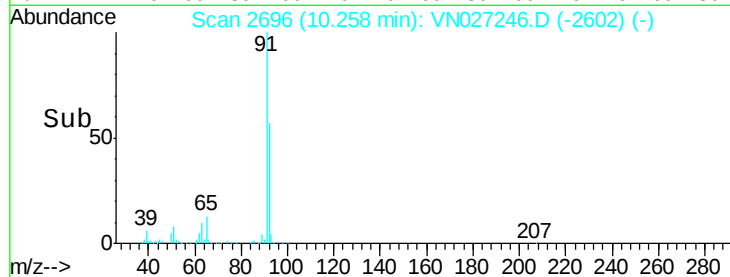
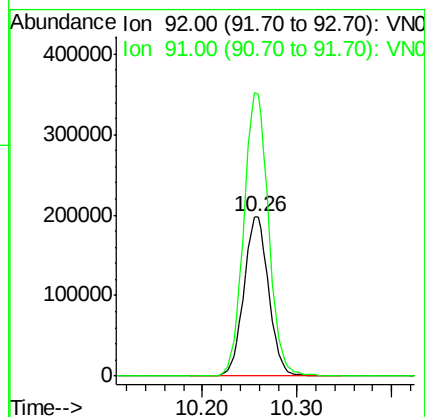
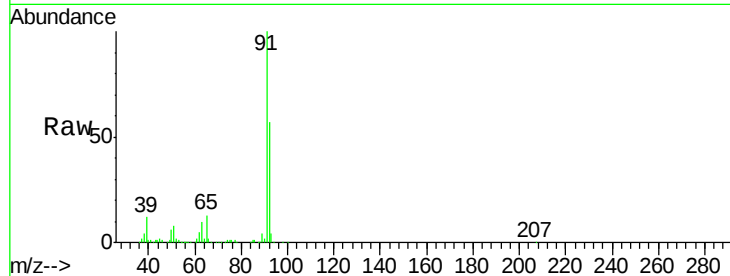
VN0917WBS01

Tgt Ion: 92 Resp: 361120

Ion Ratio Lower Upper

92 100

91 176.9 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 16.88 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027246.D

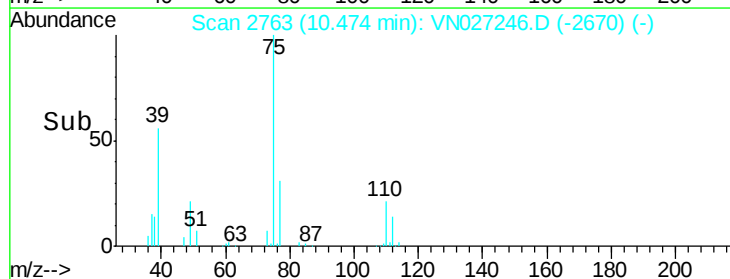
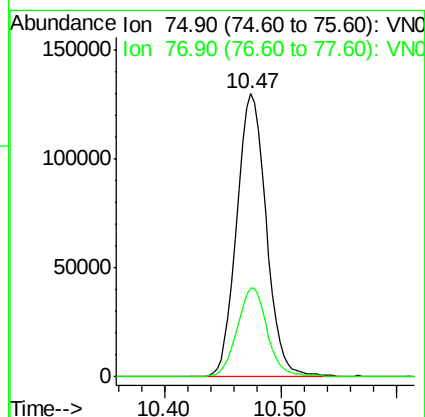
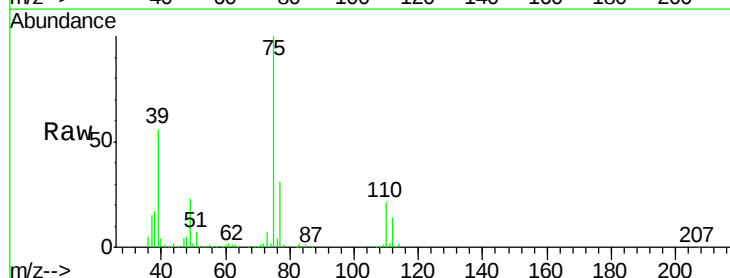
Acq: 17 Sep 2015 11:03

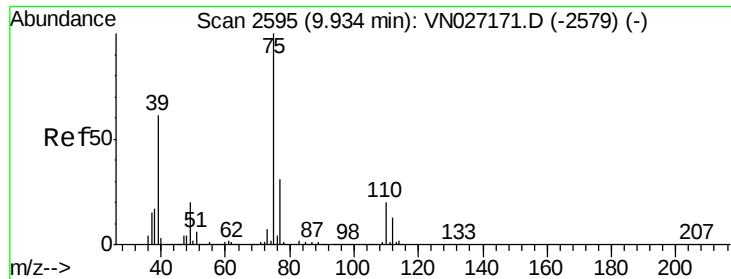
Tgt Ion: 75 Resp: 230149

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 17.15 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

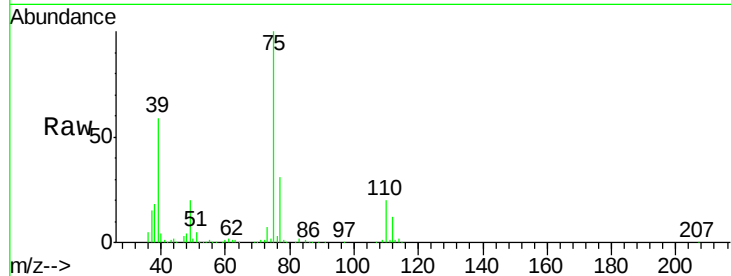
Tgt Ion: 75 Resp: 254383

Ion Ratio Lower Upper

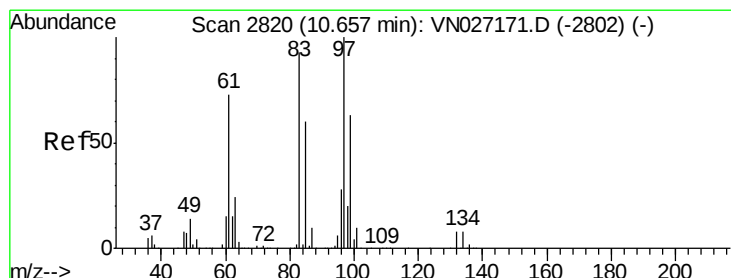
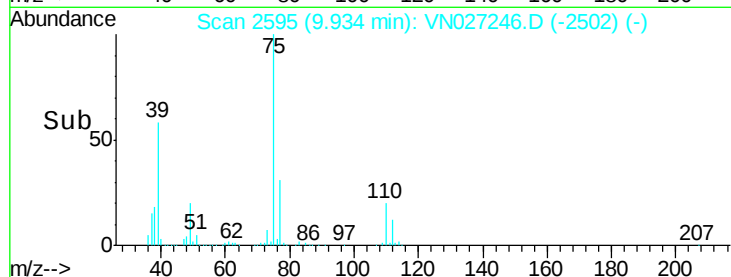
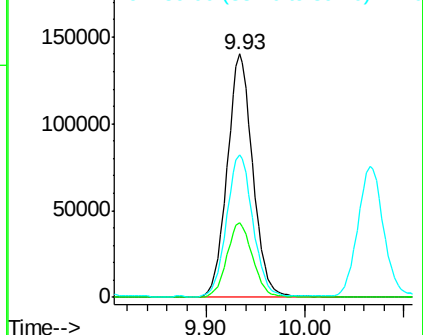
75 100

77 30.6 25.6 38.4

39 58.4 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0



#56

1,1,2-Trichloroethane

Concen: 18.27 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Tgt Ion: 97 Resp: 137185

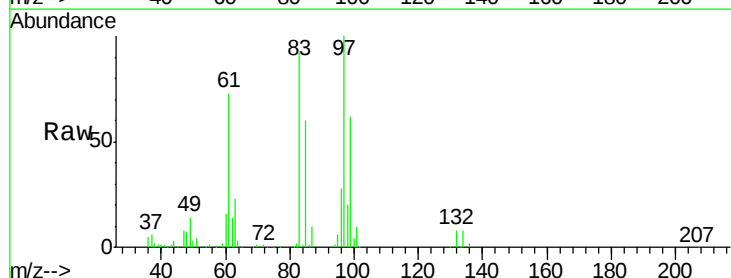
Ion Ratio Lower Upper

97 100

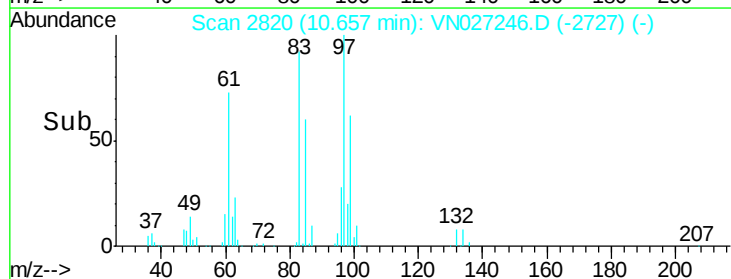
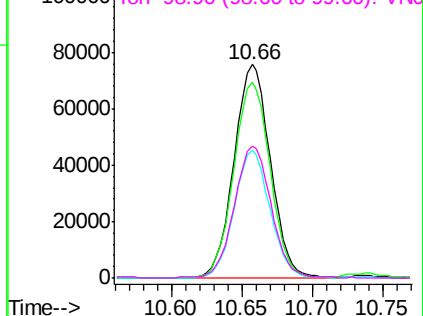
83 91.7 75.0 112.4

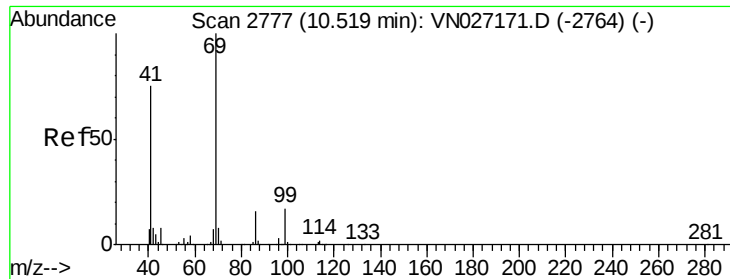
85 60.2 48.0 72.0

99 61.6 50.3 75.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 98.90 (98.60 to 99.60): VN0





#57

Ethyl methacrylate

Concen: 17.28 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

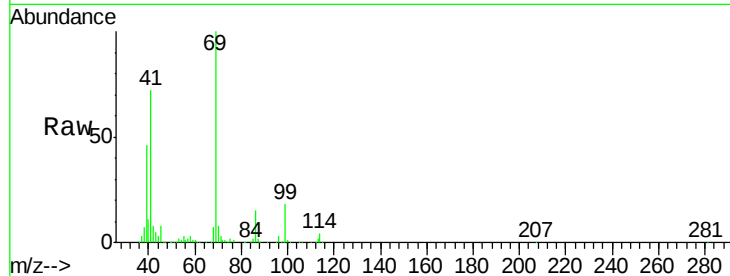
Tgt Ion: 69 Resp: 218687

Ion Ratio Lower Upper

69 100

41 71.1 61.3 91.9

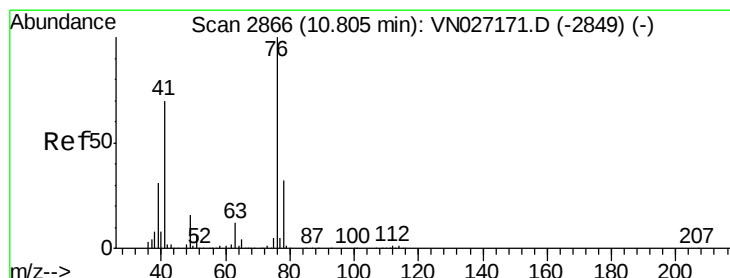
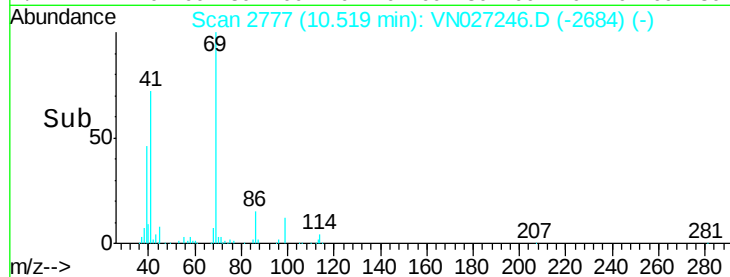
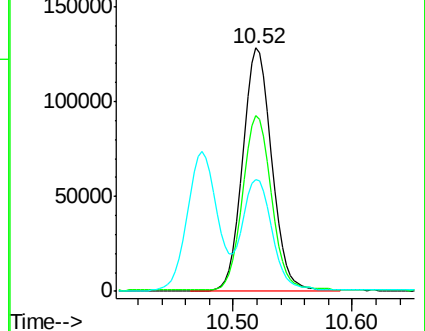
39 45.7 28.4 42.6#



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: 17.87 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027246.D

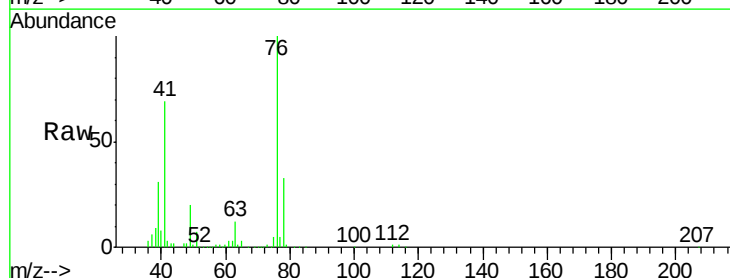
Acq: 17 Sep 2015 11:03

Tgt Ion: 76 Resp: 249152

Ion Ratio Lower Upper

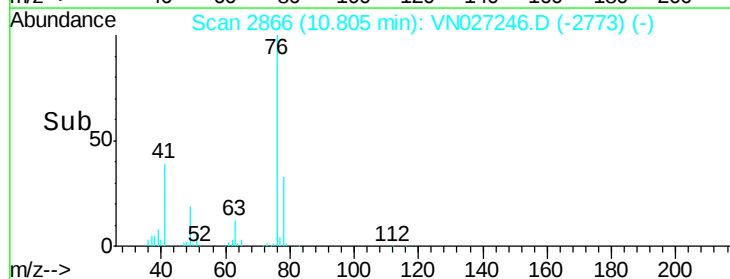
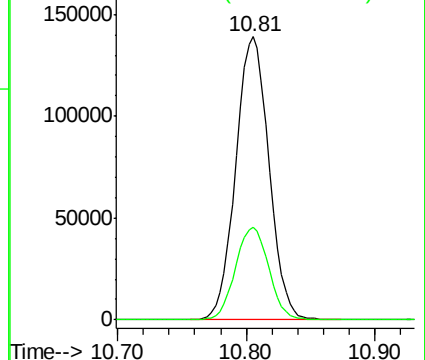
76 100

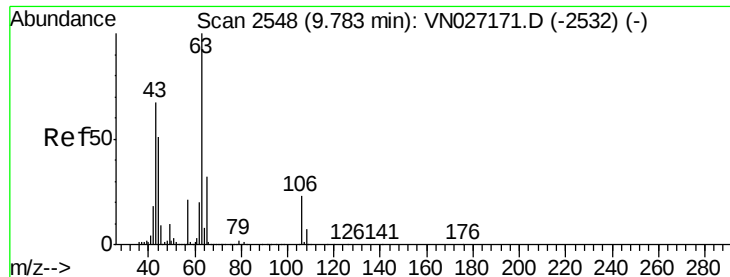
78 33.1 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

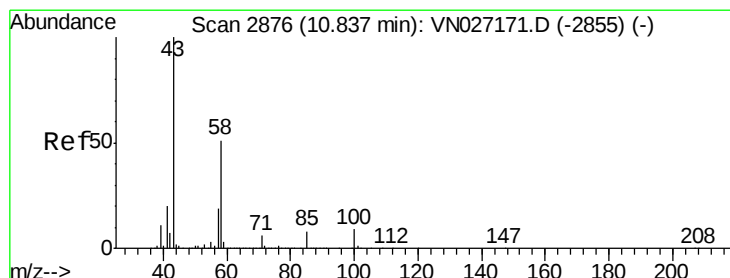
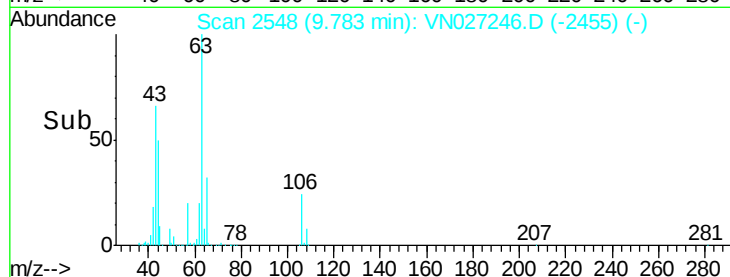
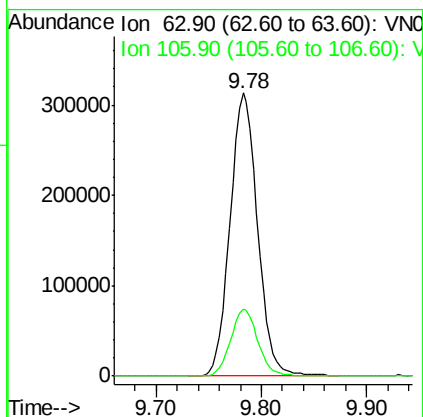
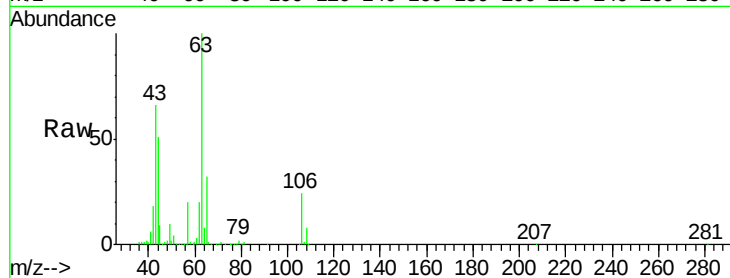




#59
2-Chloroethyl Vinyl ether
Concen: 97.28 ug/l
RT: 9.78 min Scan# 2548
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

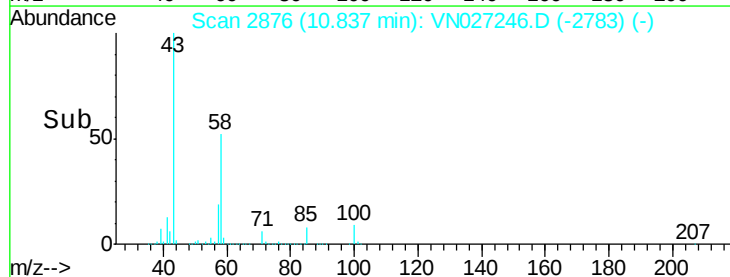
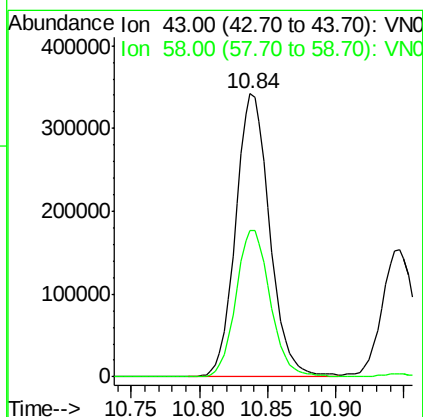
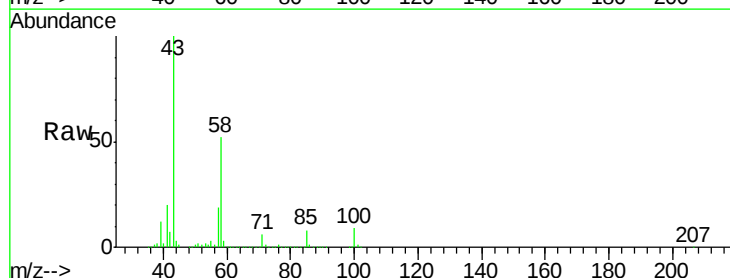
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

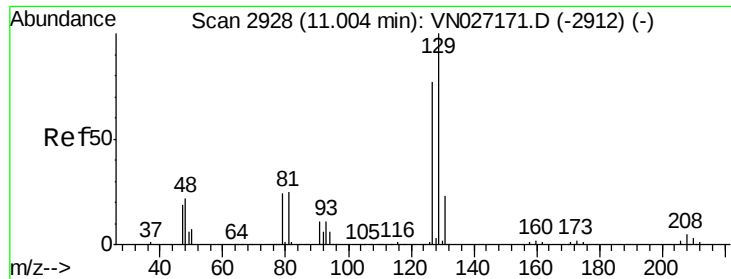
Tgt Ion: 63 Resp: 565266
Ion Ratio Lower Upper
63 100
106 23.4 17.7 26.5



#60
2-Hexanone
Concen: 87.23 ug/l
RT: 10.84 min Scan# 2876
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion: 43 Resp: 586662
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.5





#61

Dibromochloromethane

Concen: 17.24 ug/l

RT: 11.00 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

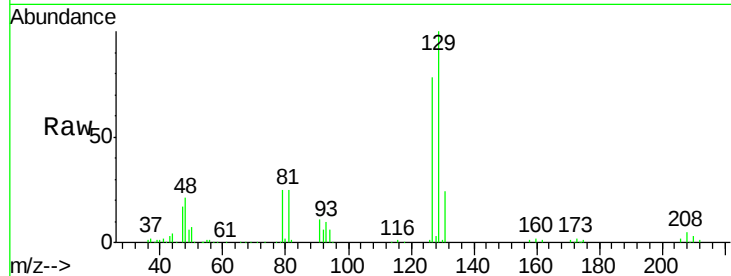
VN0917WBS01

Tgt Ion:129 Resp: 132225

Ion Ratio Lower Upper

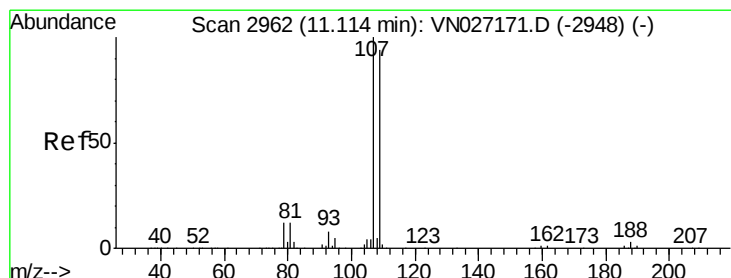
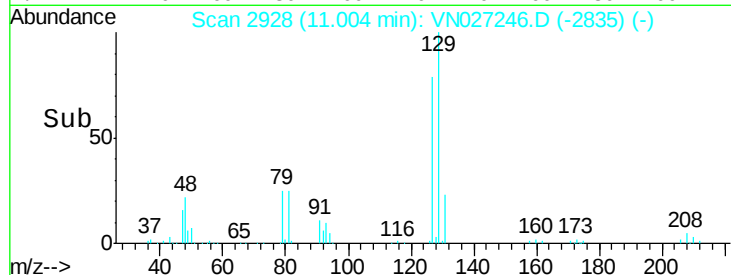
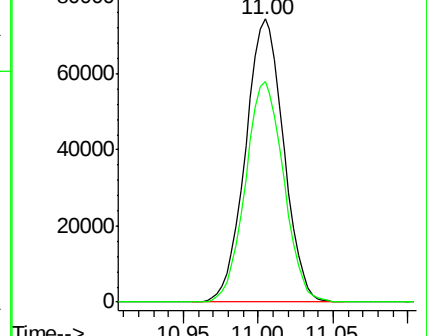
129 100

127 78.0 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

1,2-Dibromoethane

Concen: 17.33 ug/l

RT: 11.11 min Scan# 2962

Delta R.T. 0.00 min

Lab File: VN027246.D

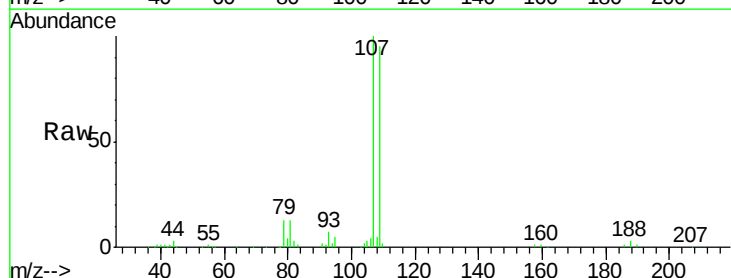
Acq: 17 Sep 2015 11:03

Tgt Ion:107 Resp: 127861

Ion Ratio Lower Upper

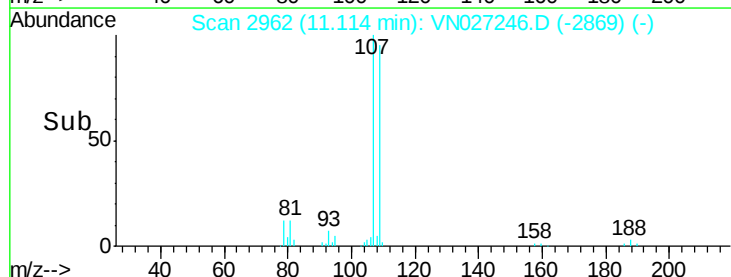
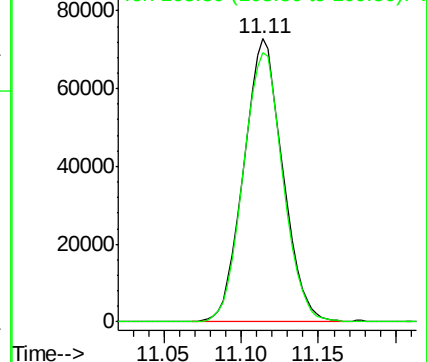
107 100

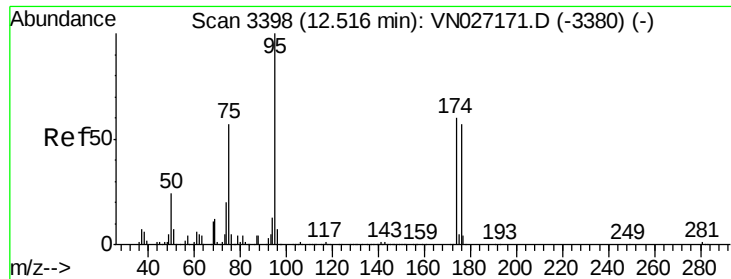
109 96.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

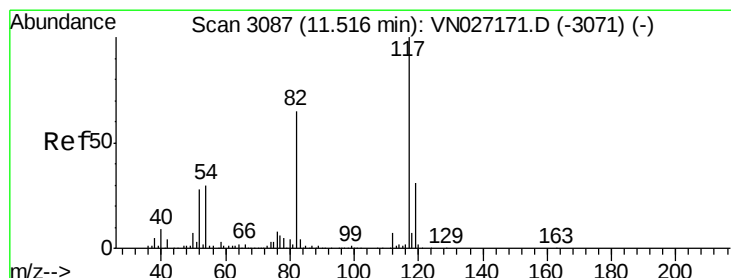
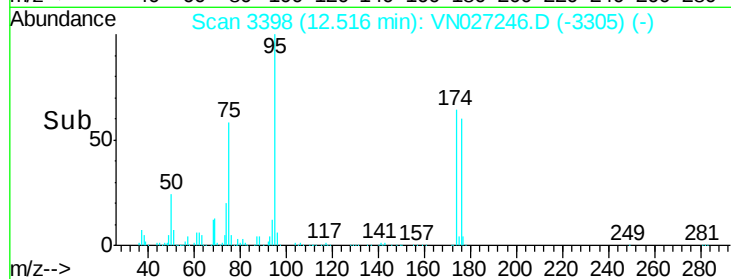
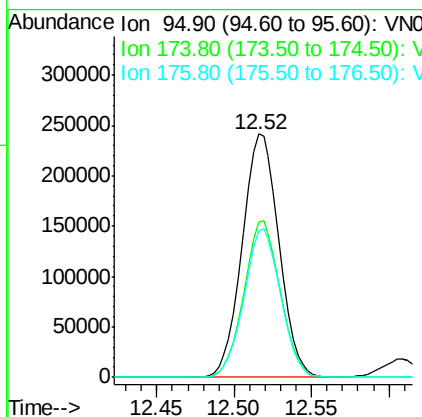
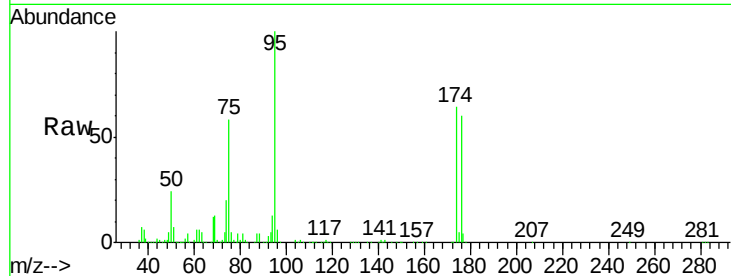




#63
4-Bromofluorobenzene
Concen: 41.55 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

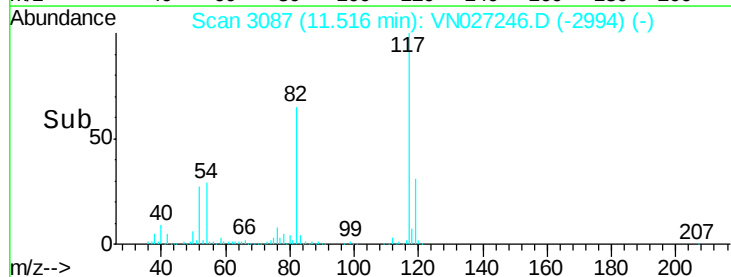
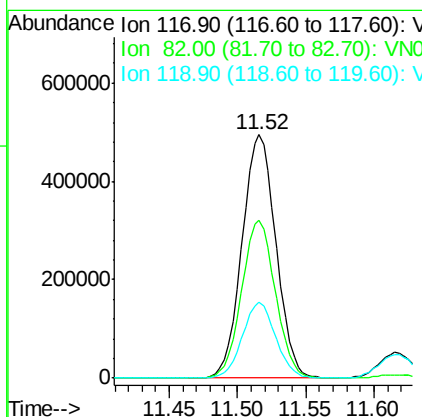
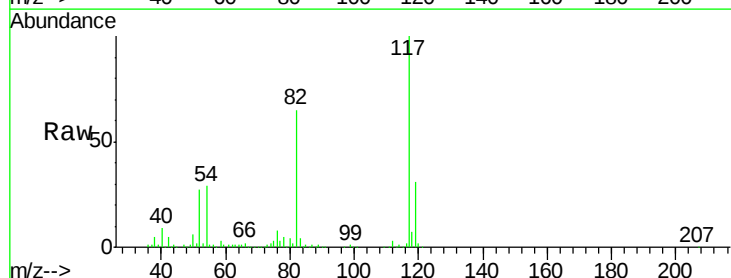
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

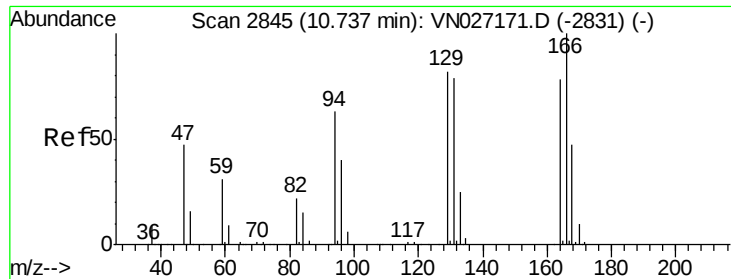
Tgt Ion: 95 Resp: 399765
Ion Ratio Lower Upper
95 100
174 63.5 0.0 137.0
176 60.5 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion: 117 Resp: 852472
Ion Ratio Lower Upper
117 100
82 64.8 49.6 74.4
119 31.0 24.6 36.8

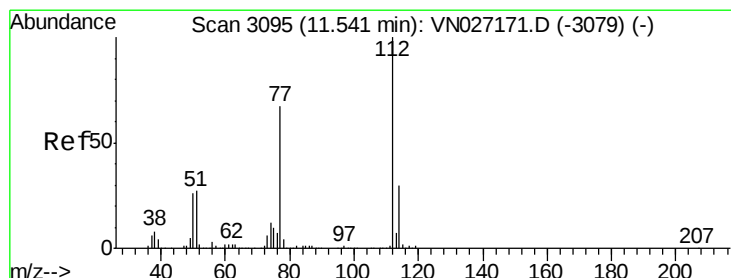
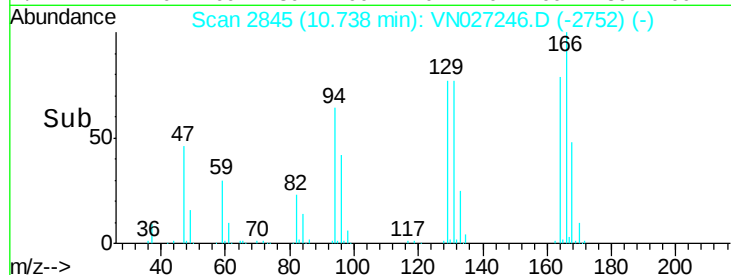
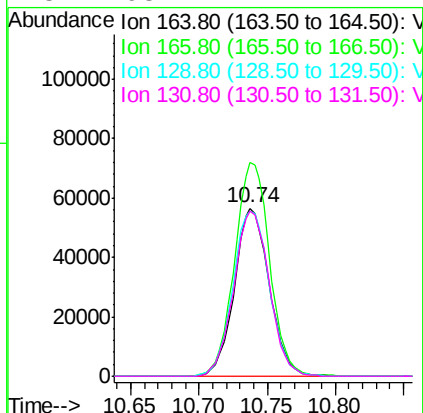
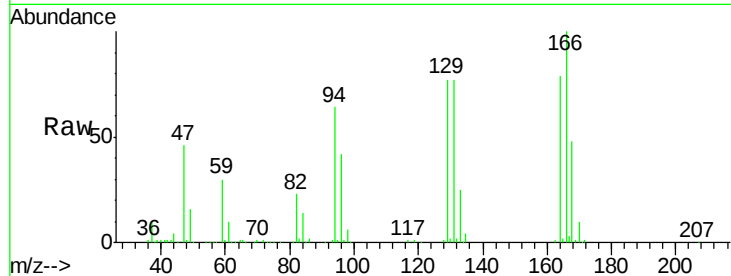




#65
Tetrachloroethene
Concen: 18.36 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

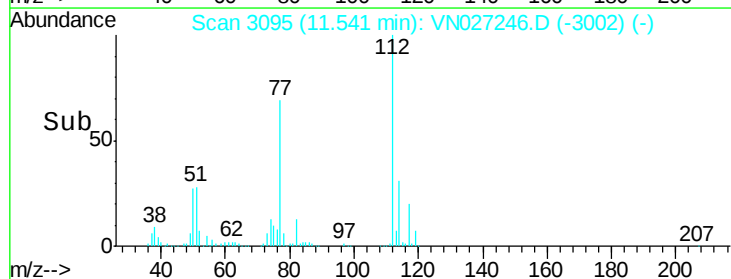
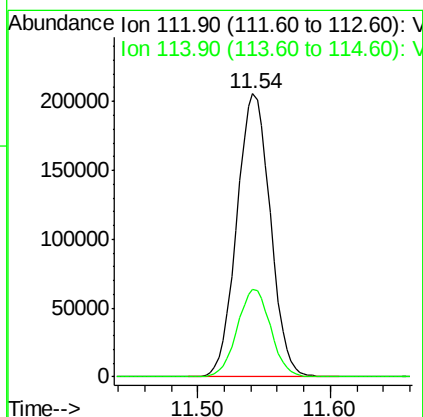
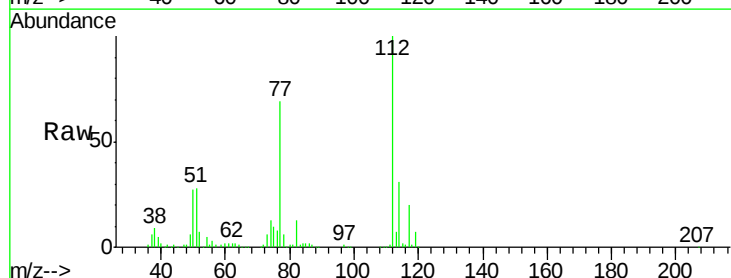
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

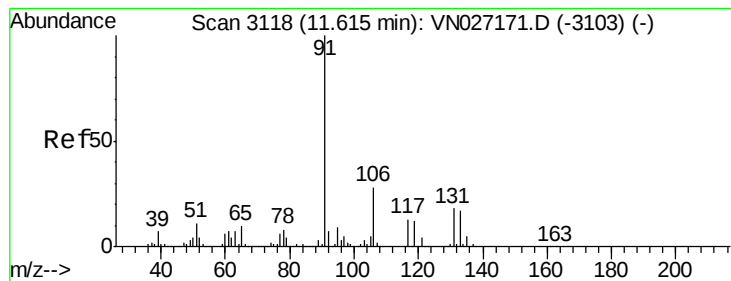
Tgt Ion:164 Resp: 100089
Ion Ratio Lower Upper
164 100
166 127.3 103.4 155.0
129 98.2 77.5 116.3
131 98.4 74.2 111.4



#66
Chlorobenzene
Concen: 17.93 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion:112 Resp: 360895
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3





#67

1,1,1,2-Tetrachloroethane

Concen: 17.84 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

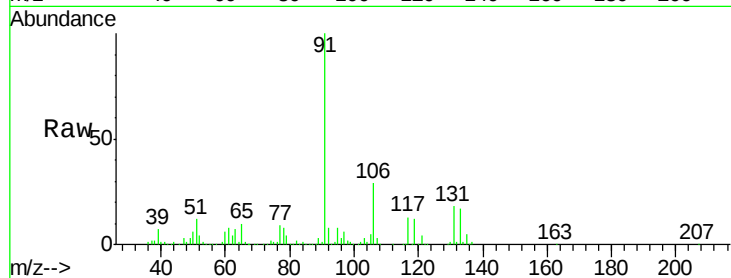
Tgt Ion:131 Resp: 122470

Ion Ratio Lower Upper

131 100

133 94.9 47.0 141.2

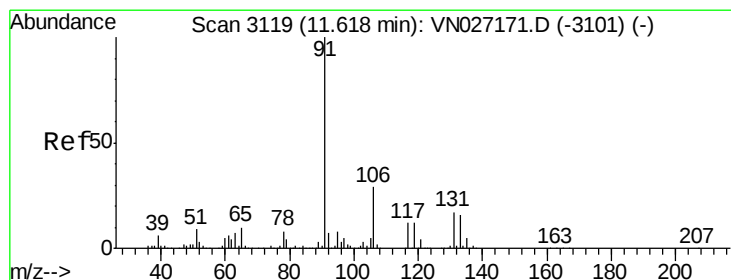
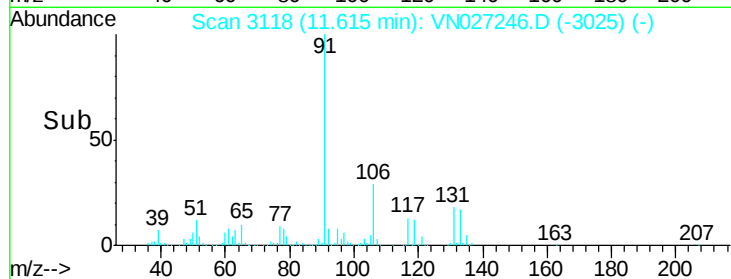
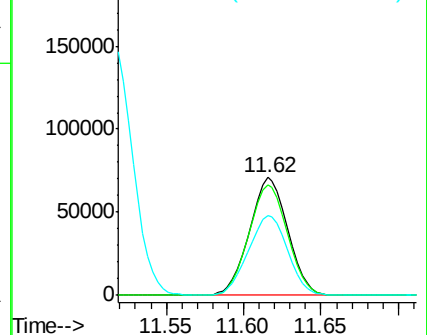
119 69.5 35.1 105.5



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: 17.91 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027246.D

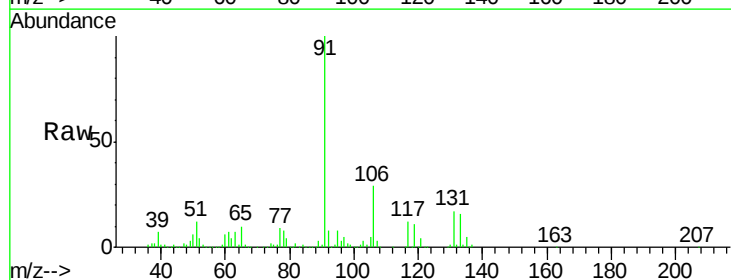
Acq: 17 Sep 2015 11:03

Tgt Ion: 91 Resp: 683327

Ion Ratio Lower Upper

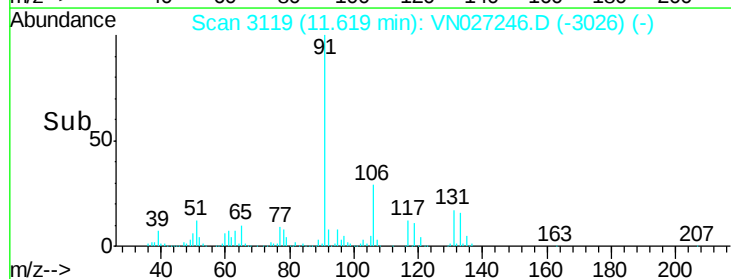
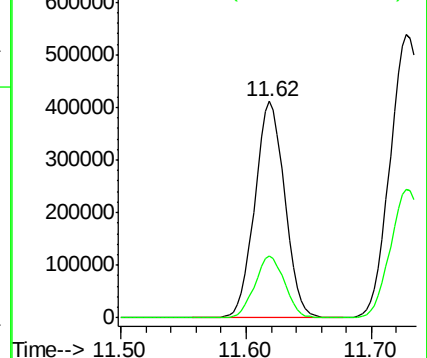
91 100

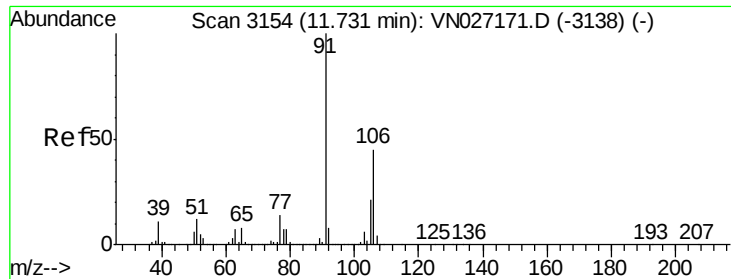
106 28.7 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#69

m/p-Xylenes

Concen: 36.27 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampled :

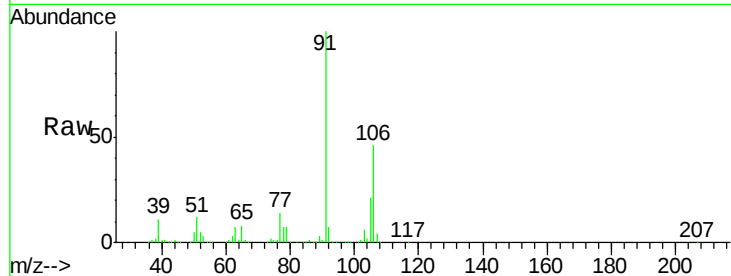
VN0917WBS01

Tgt Ion:106 Resp: 477582

Ion Ratio Lower Upper

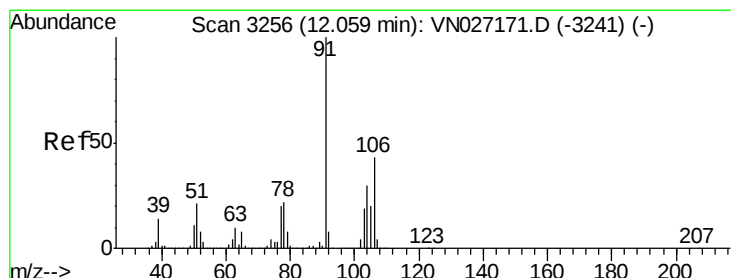
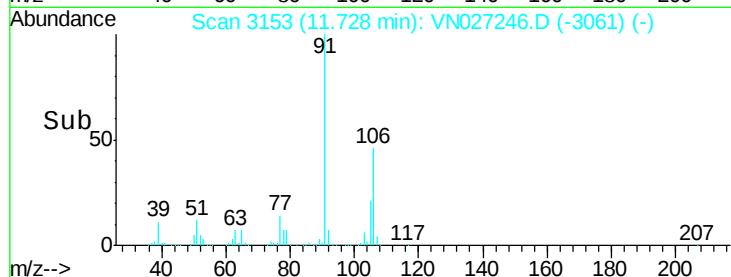
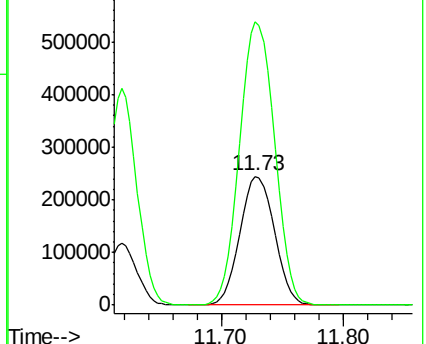
106 100

91 223.2 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 18.03 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027246.D

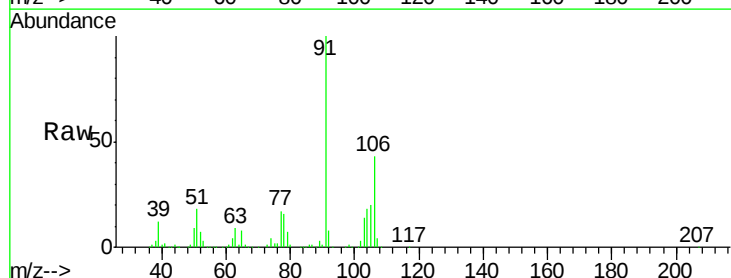
Acq: 17 Sep 2015 11:03

Tgt Ion:106 Resp: 237921

Ion Ratio Lower Upper

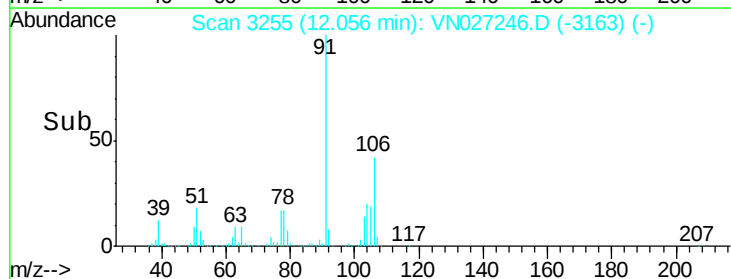
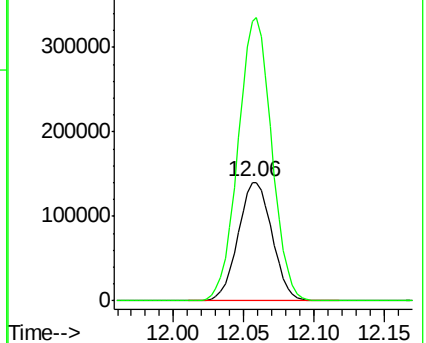
106 100

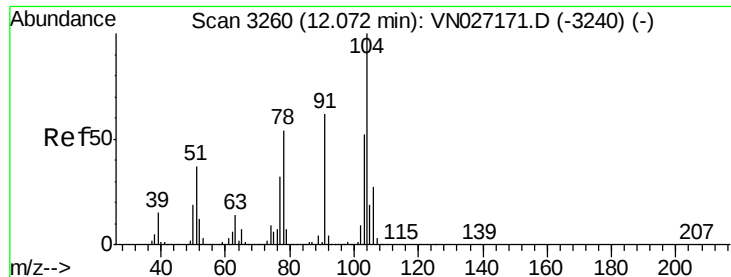
91 234.8 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Styrene

Concen: 17.88 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

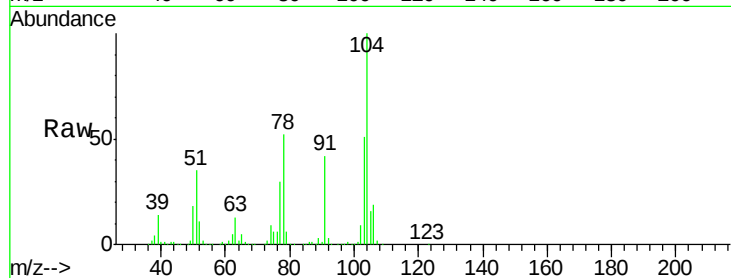
Tgt Ion:104 Resp: 381085

Ion Ratio Lower Upper

104 100

78 59.0 41.6 62.4

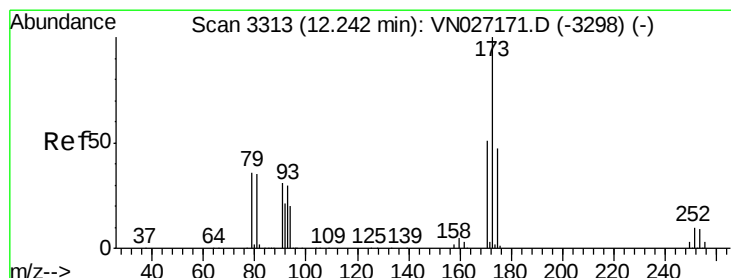
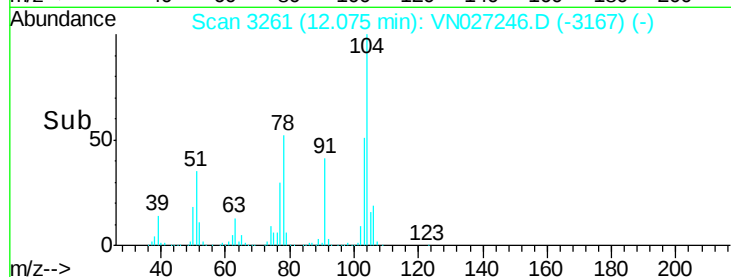
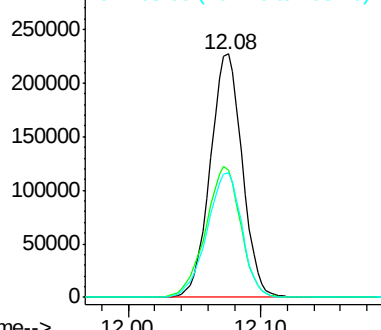
103 55.9 44.2 66.2



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: 16.69 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

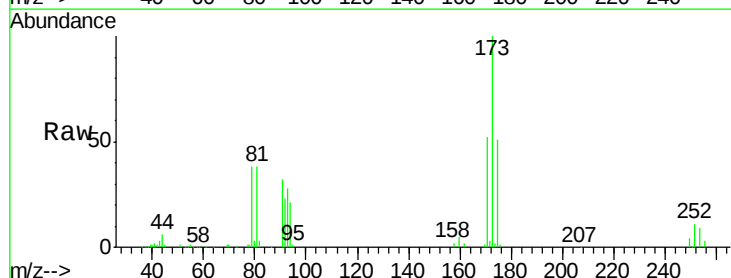
Tgt Ion:173 Resp: 79684

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.4

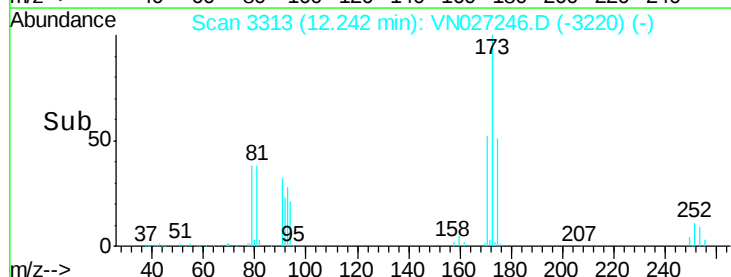
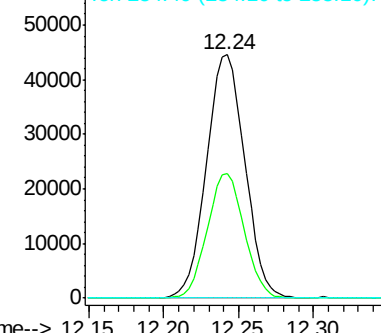
254 0.0 0.1 0.1#

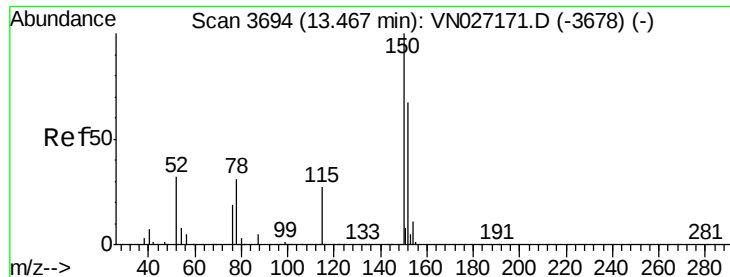


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

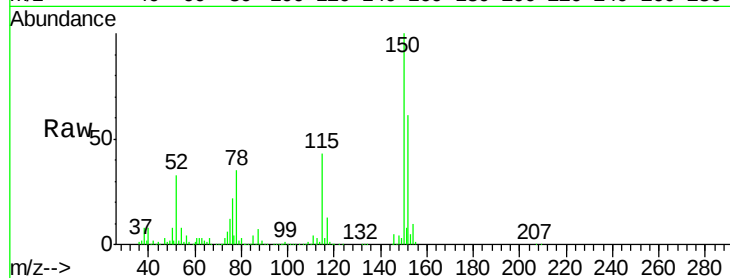
Tgt Ion:152 Resp: 320527

Ion Ratio Lower Upper

152 100

115 68.2 30.8 92.3

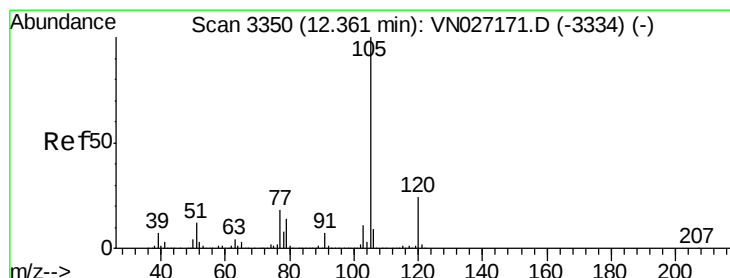
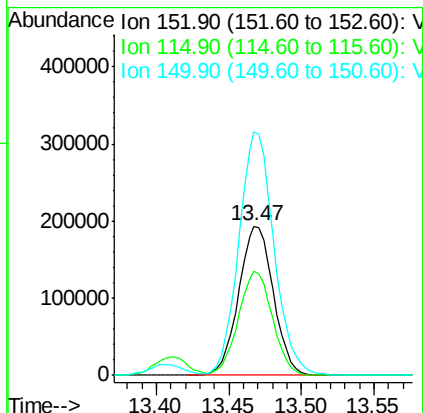
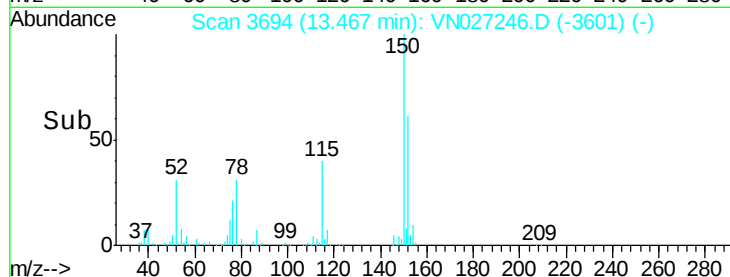
150 165.9 0.0 345.0



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: 18.27 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027246.D

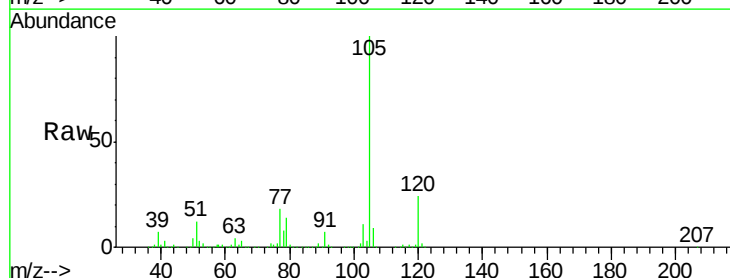
Acq: 17 Sep 2015 11:03

Tgt Ion:105 Resp: 645199

Ion Ratio Lower Upper

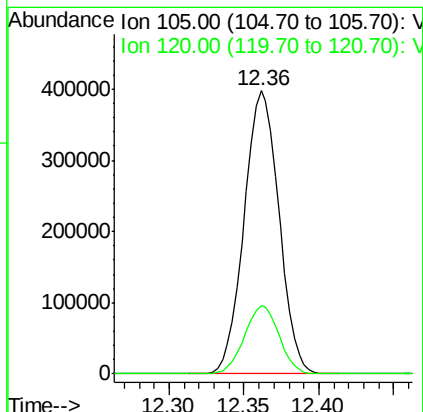
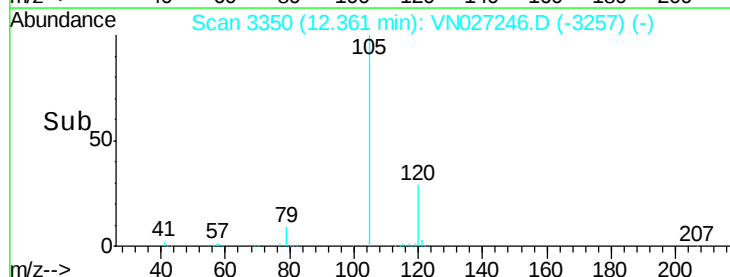
105 100

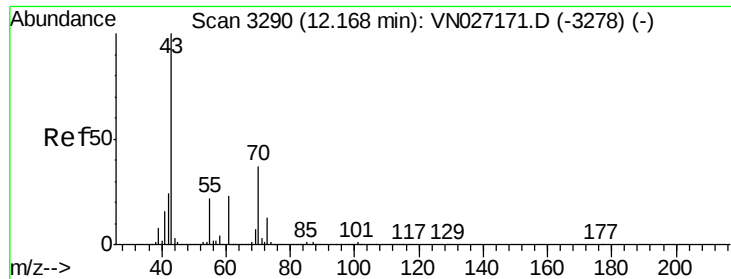
120 23.9 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

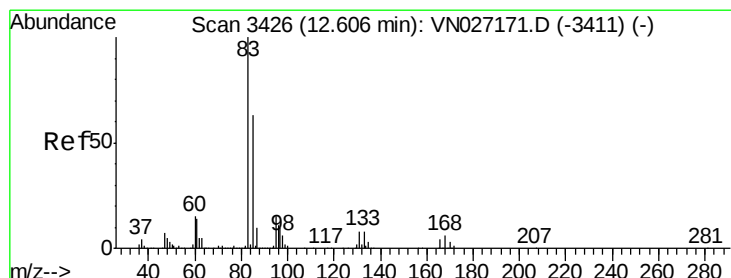
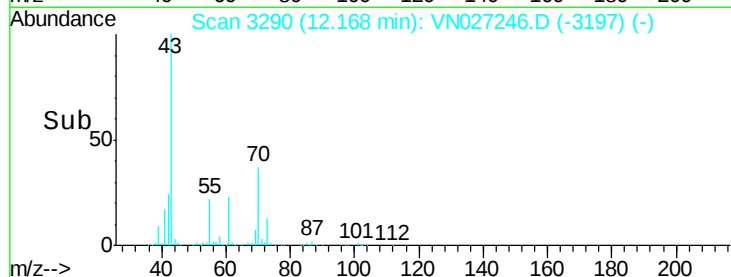
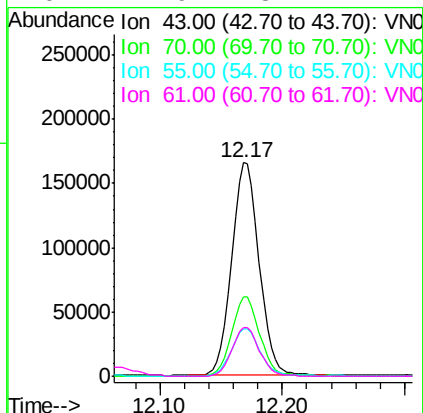
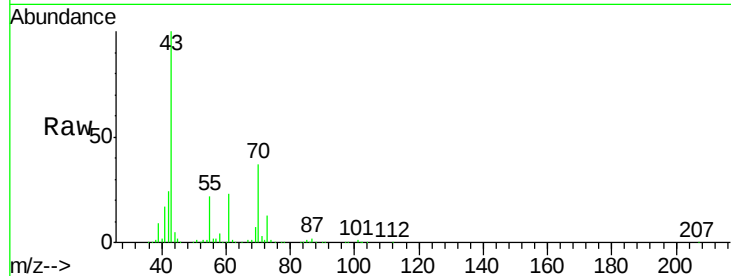




#75
N-amy1 acetate
Concen: 16.52 ug/l
RT: 12.17 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

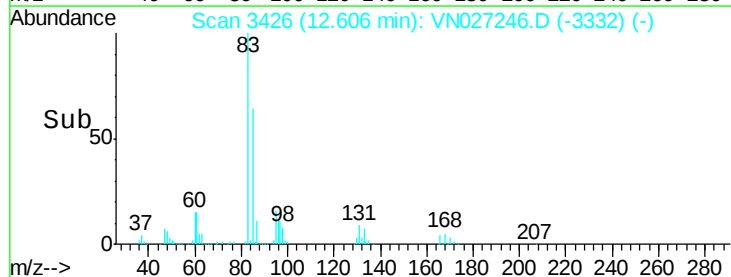
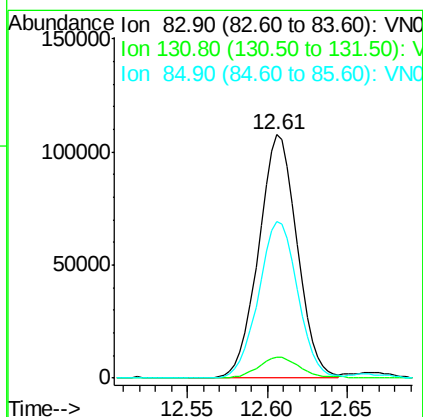
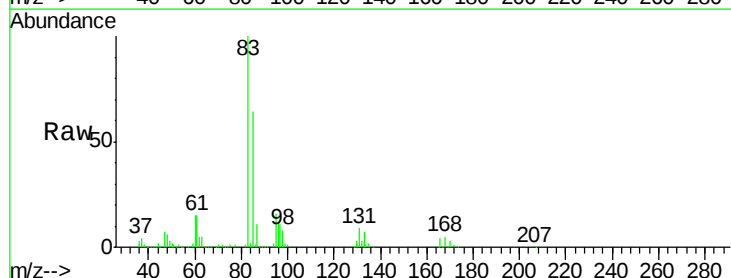
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

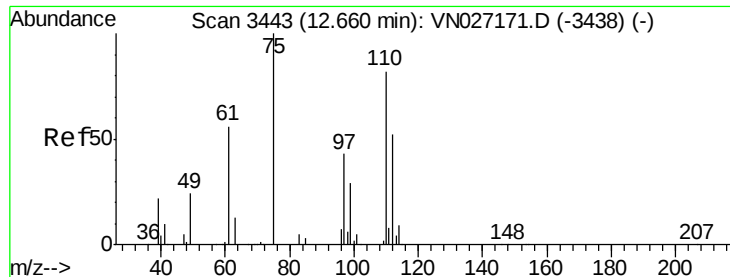
Tgt Ion:	43	Resp:	260455
Ion	Ratio	Lower	Upper
43	100		
70	38.0	29.8	44.8
55	23.1	19.4	29.0
61	22.9	18.2	27.2



#76
1,1,2,2-Tetrachloroethane
Concen: 17.37 ug/l
RT: 12.61 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion:	83	Resp:	178872
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.1	12.3
85	65.5	31.9	95.7

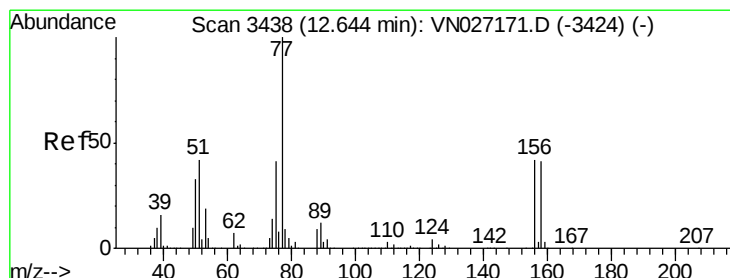
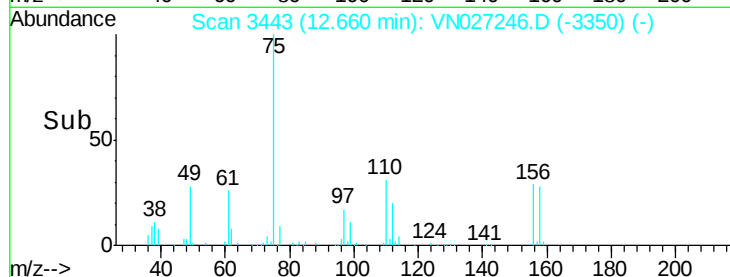
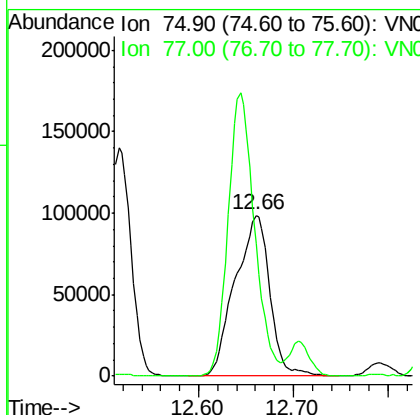
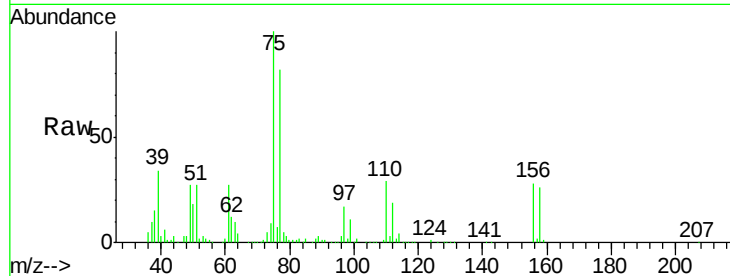




#77
 1,2,3-Trichloropropane
 Concen: 25.81 ug/l
 RT: 12.66 min Scan# 3443
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

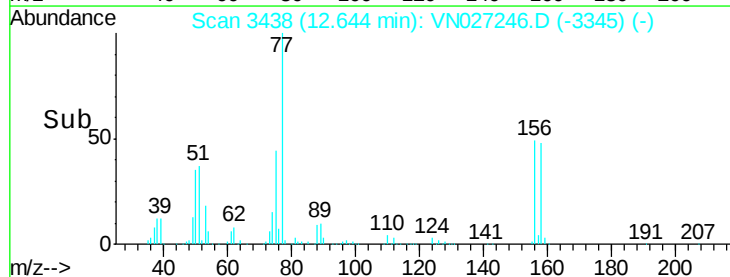
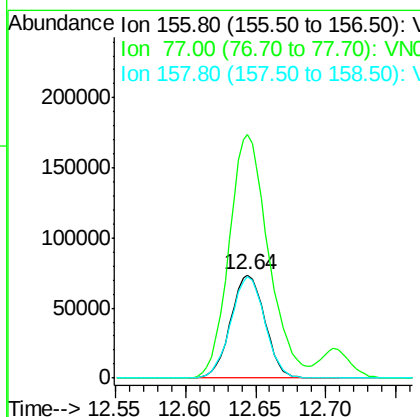
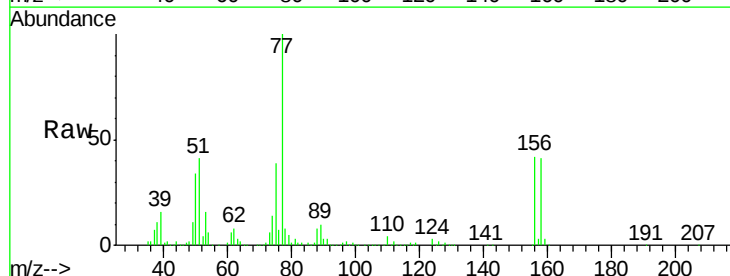
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

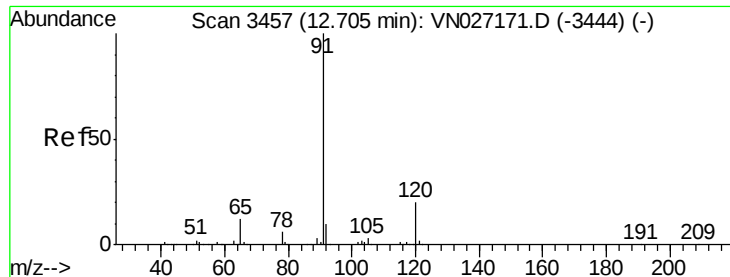
Tgt Ion: 75 Resp: 250032
 Ion Ratio Lower Upper
 75 100
 77 135.1 103.1 309.3



#78
 Bromobenzene
 Concen: 18.06 ug/l
 RT: 12.64 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion: 156 Resp: 125098
 Ion Ratio Lower Upper
 156 100
 77 270.0 127.3 381.9
 158 97.9 48.0 144.2





#79

n-propylbenzene

Concen: 18.14 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampled :

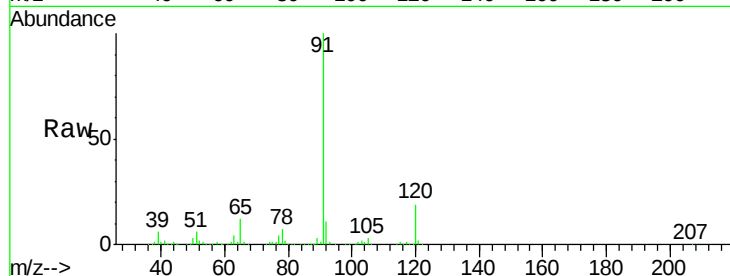
VN0917WBS01

Tgt Ion: 91 Resp: 753669

Ion Ratio Lower Upper

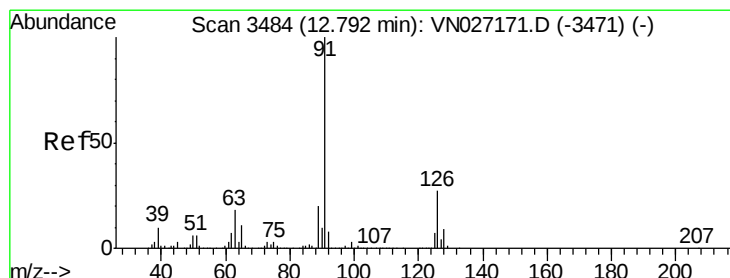
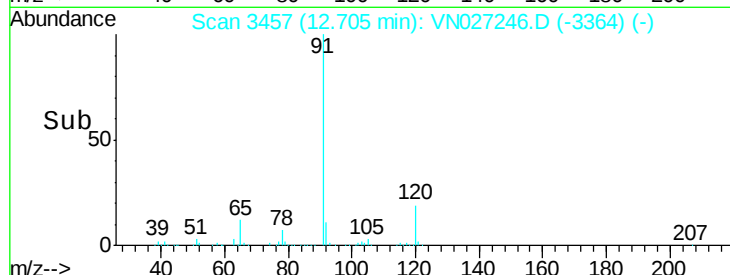
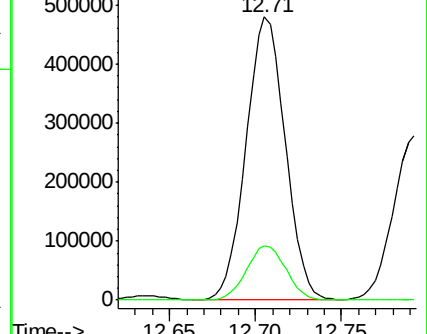
91 100

120 19.6 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

2-Chlorotoluene

Concen: 18.23 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027246.D

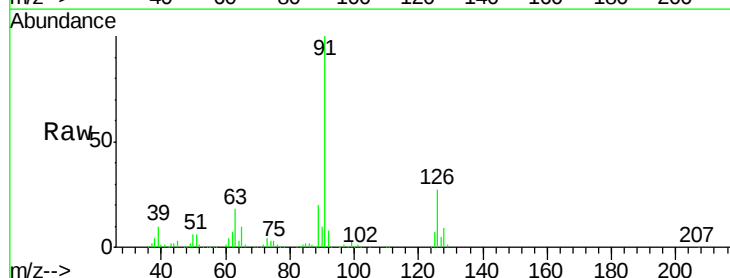
Acq: 17 Sep 2015 11:03

Tgt Ion: 91 Resp: 455008

Ion Ratio Lower Upper

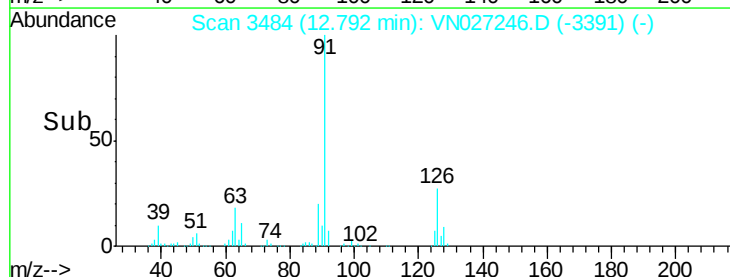
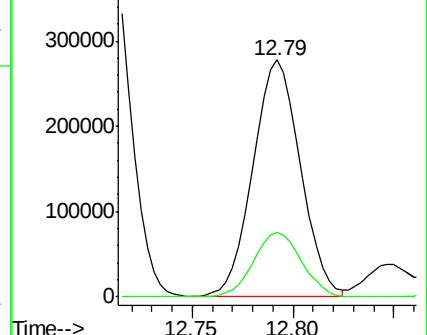
91 100

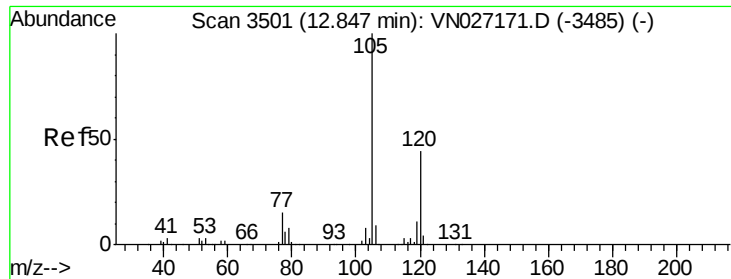
126 27.7 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

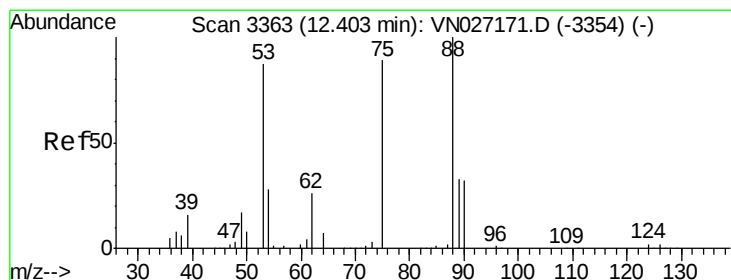
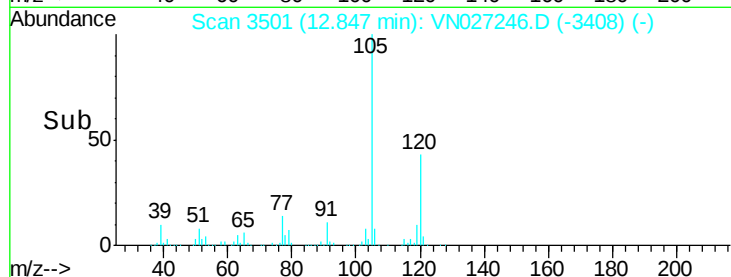
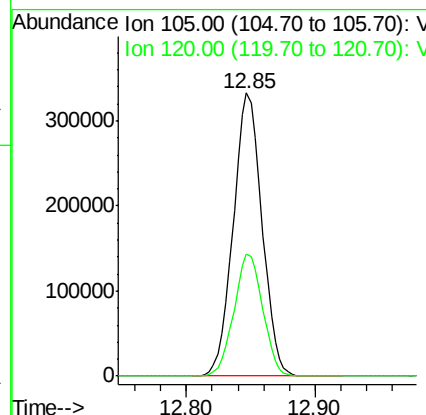
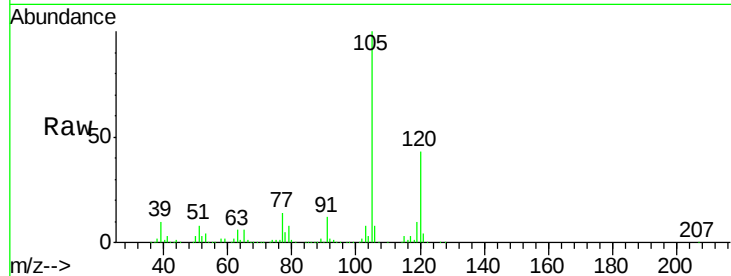




#81
 1,3,5-Trimethylbenzene
 Concen: 18.14 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

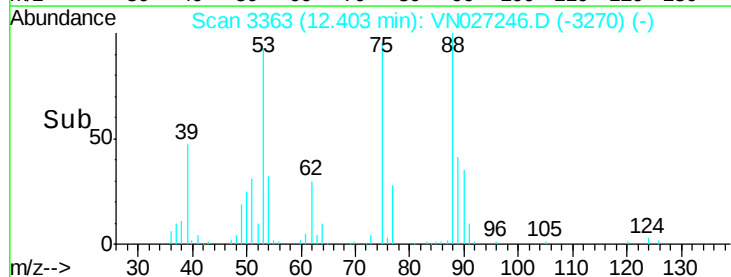
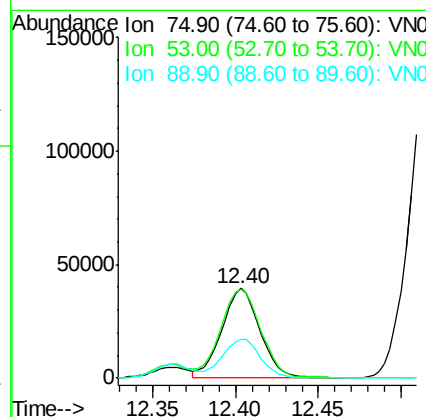
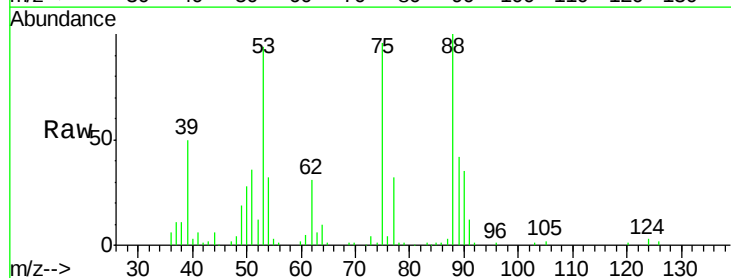
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

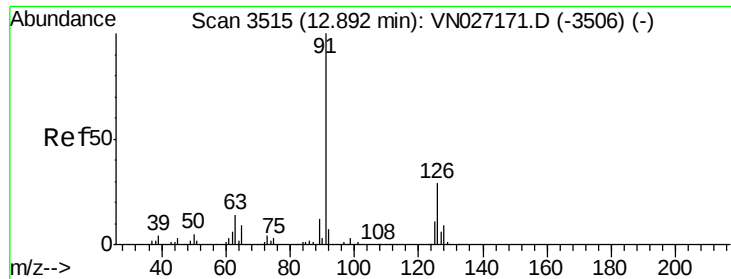
Tgt Ion:105 Resp: 514705
 Ion Ratio Lower Upper
 105 100
 120 43.2 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 15.93 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion: 75 Resp: 62842
 Ion Ratio Lower Upper
 75 100
 53 105.6 92.9 139.3
 89 44.4 34.2 51.4

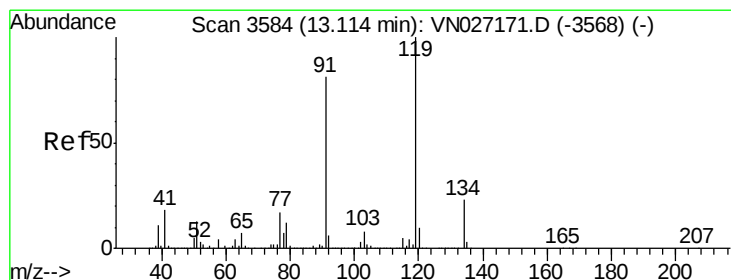
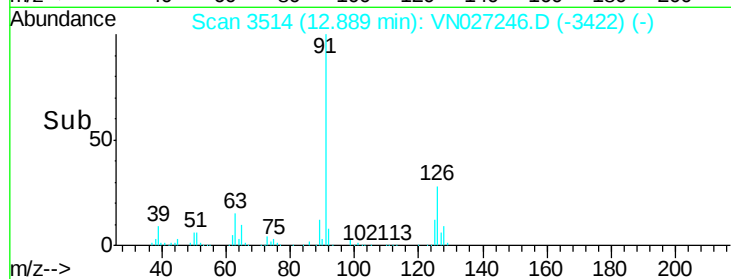
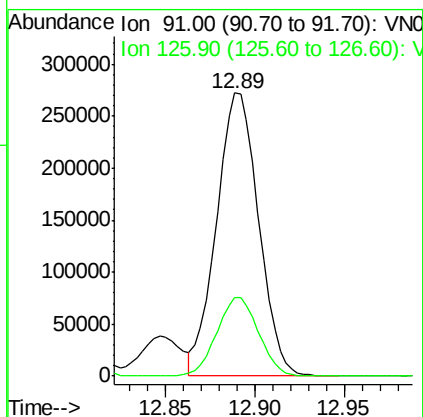
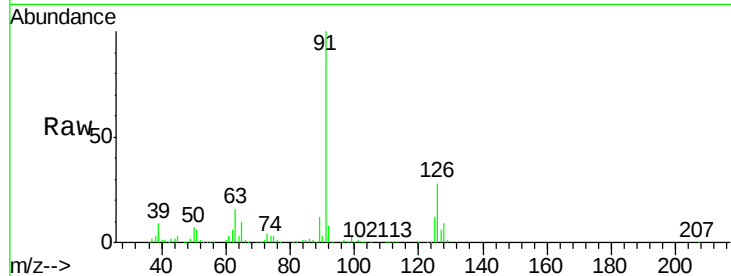




#83
4-Chlorotoluene
Concen: 18.07 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

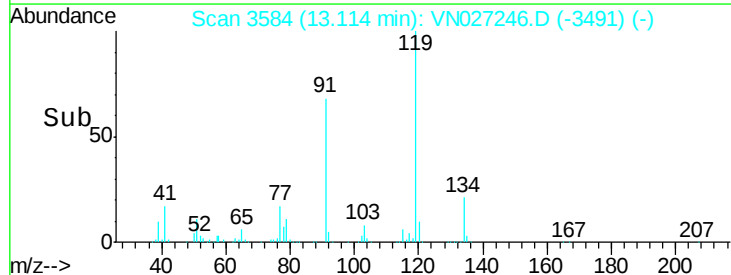
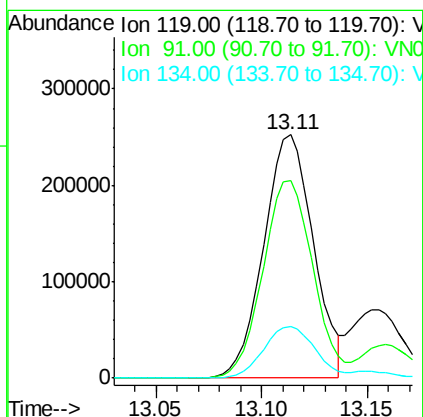
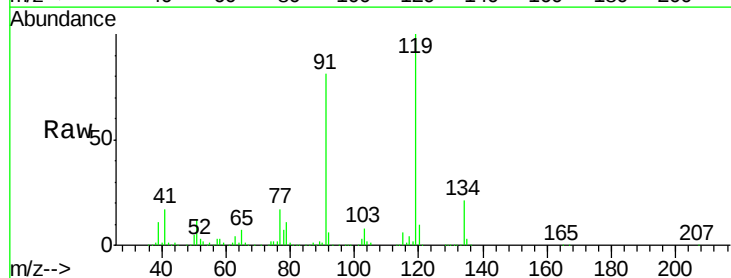
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS01

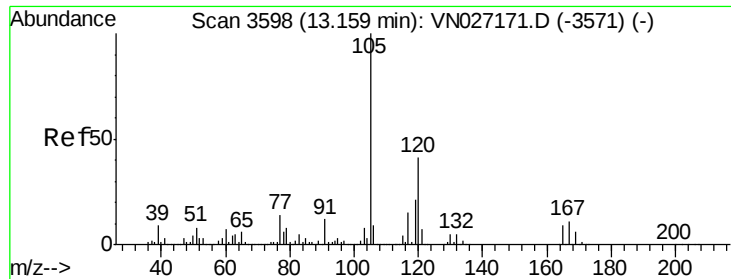
Tgt Ion: 91 Resp: 442928
Ion Ratio Lower Upper
91 100
126 27.8 14.9 44.5



#84
tert-Butylbenzene
Concen: 17.71 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027246.D
Acq: 17 Sep 2015 11:03

Tgt Ion: 119 Resp: 414631
Ion Ratio Lower Upper
119 100
91 81.9 34.6 103.8
134 22.2 11.4 34.2

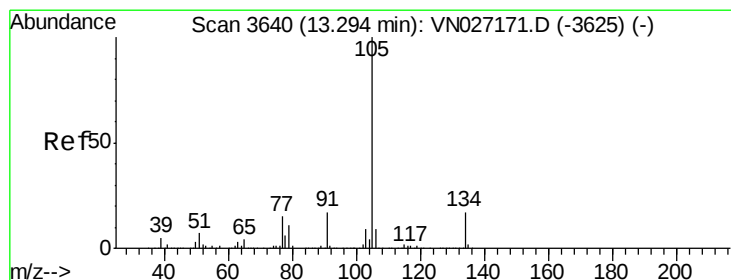
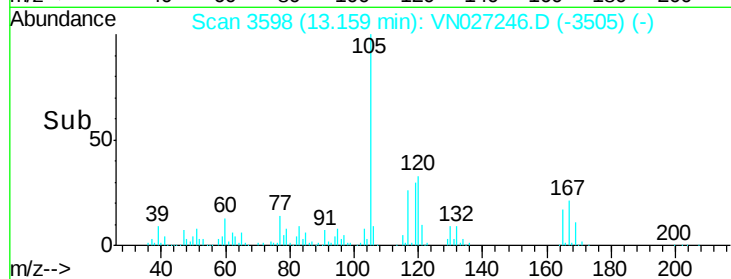
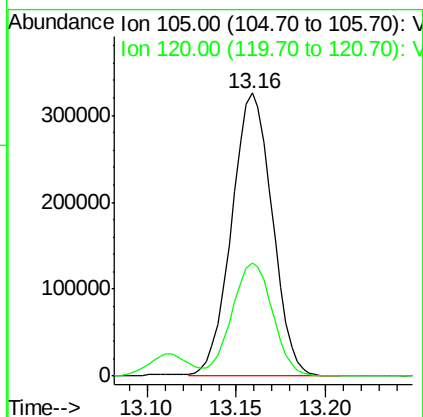
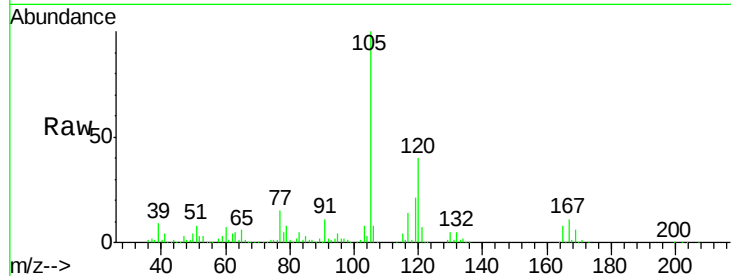




#85
 1,2,4-Trimethylbenzene
 Concen: 17.99 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

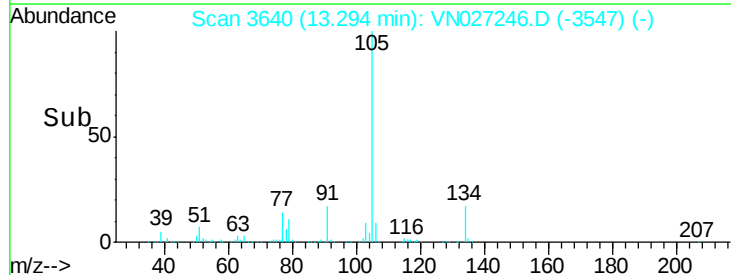
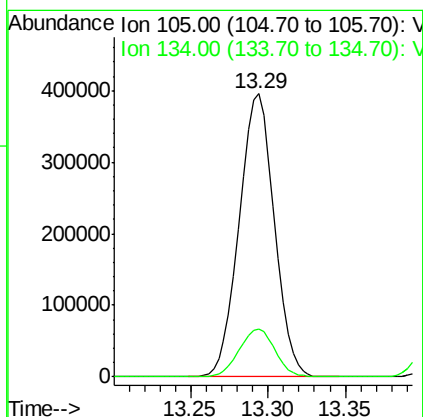
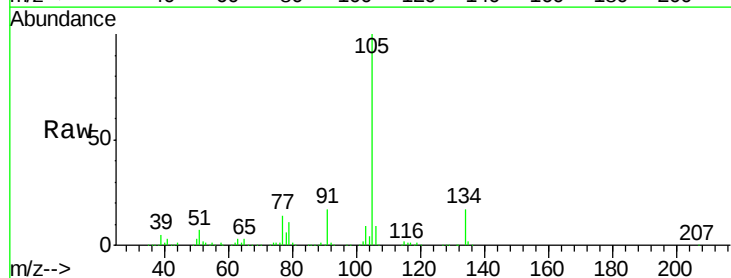
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917WBS01

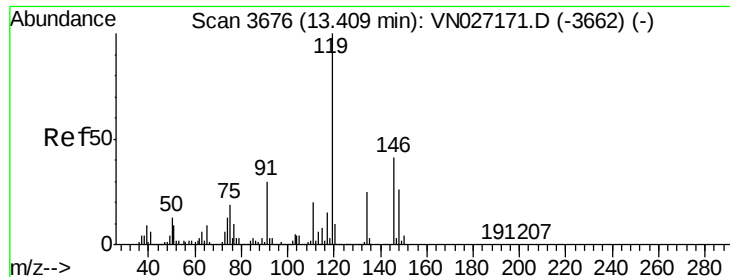
Tgt Ion:105 Resp: 512755
 Ion Ratio Lower Upper
 105 100
 120 40.5 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 18.23 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion:105 Resp: 625088
 Ion Ratio Lower Upper
 105 100
 134 17.4 8.8 26.4

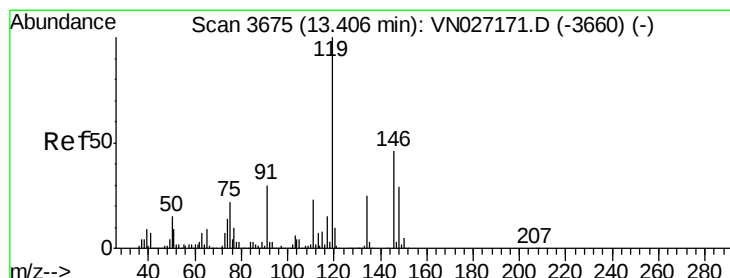
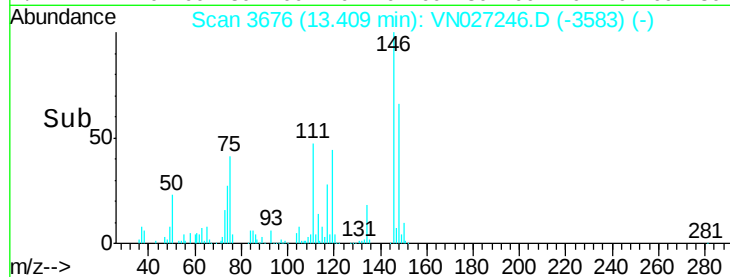
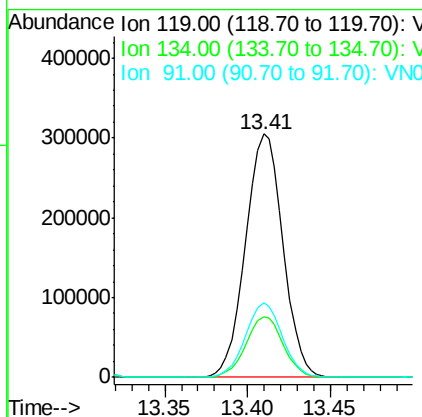
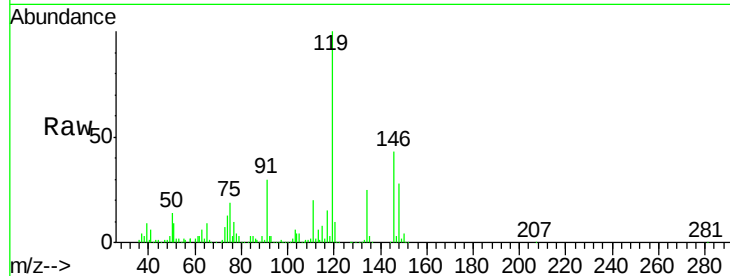




#87
 p-Isopropyltoluene
 Concen: 18.05 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

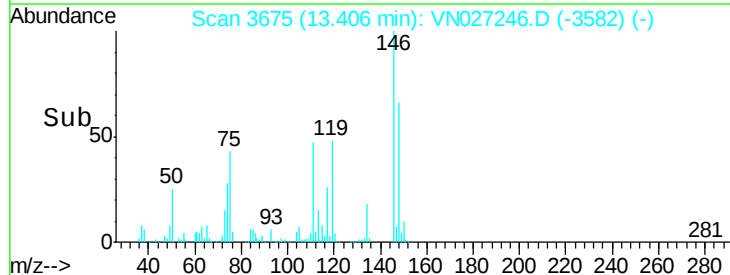
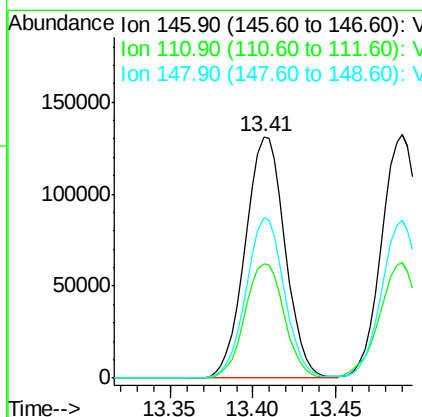
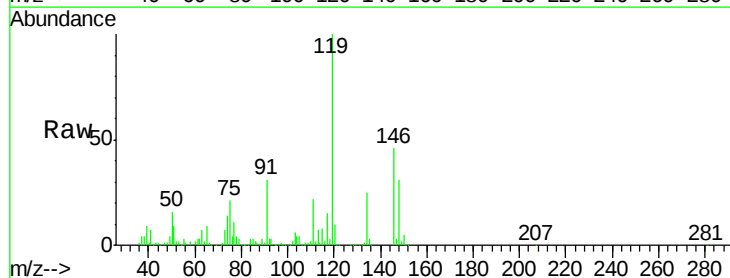
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

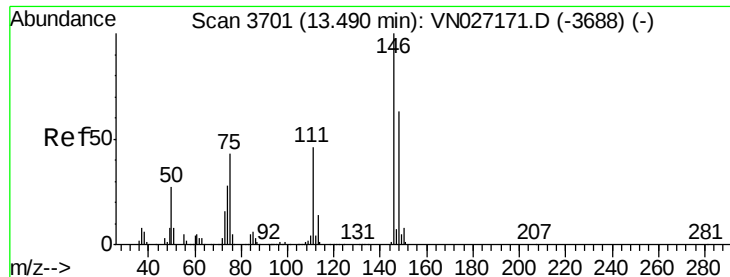
Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.4	37.0
91	30.3	12.0	36.1



#88
 1,3-Dichlorobenzene
 Concen: 18.46 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	21.0	63.0
148	63.9	31.9	95.9

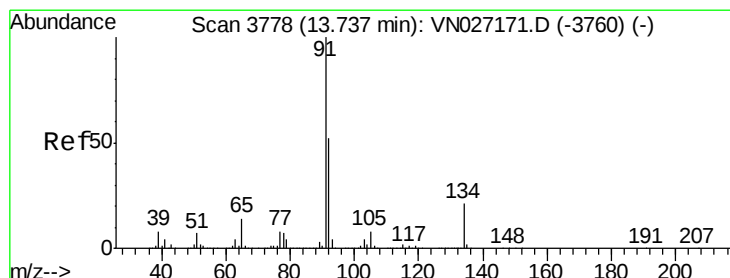
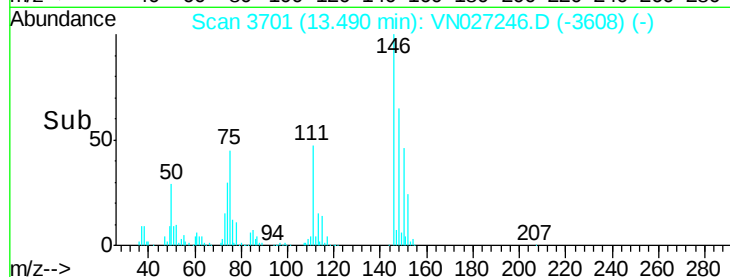
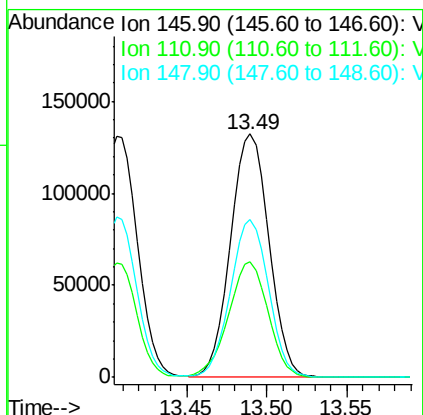
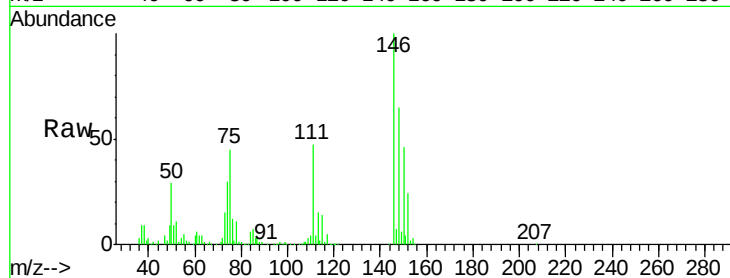




#89
 1,4-Dichlorobenzene
 Concen: 18.08 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

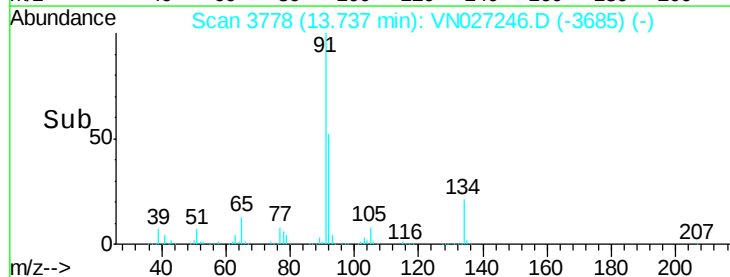
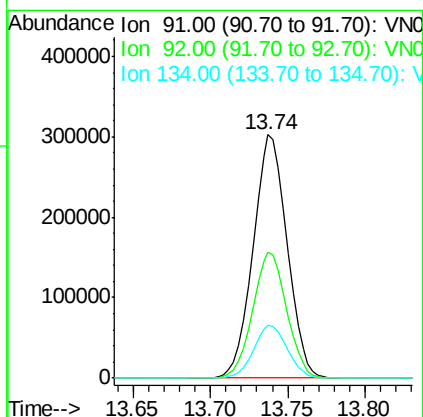
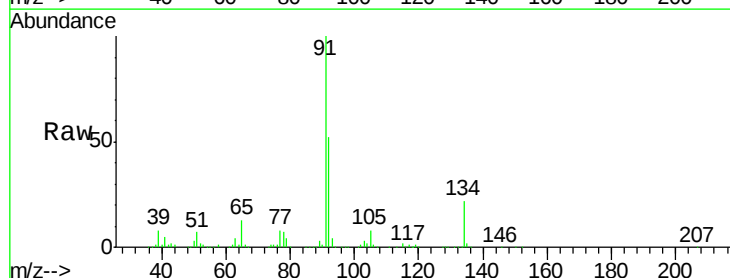
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

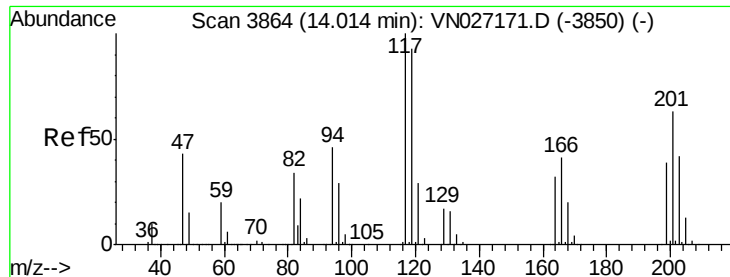
Tgt Ion:146 Resp: 217044
 Ion Ratio Lower Upper
 146 100
 111 48.3 19.9 59.6
 148 63.8 31.7 95.1



#90
 n-Butylbenzene
 Concen: 18.08 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Tgt Ion: 91 Resp: 463507
 Ion Ratio Lower Upper
 91 100
 92 51.6 26.1 78.2
 134 21.6 11.1 33.1





#91

Hexachloroethane

Concen: 16.86 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

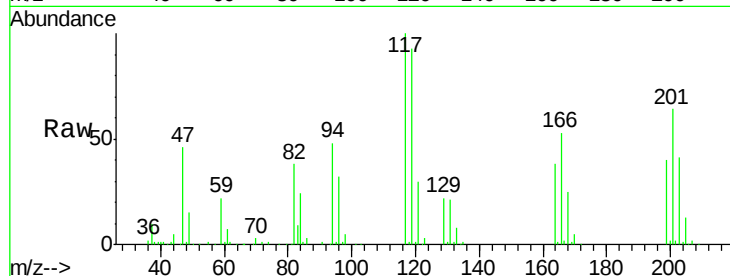
VN0917WBS01

Tgt Ion:117 Resp: 97492

Ion Ratio Lower Upper

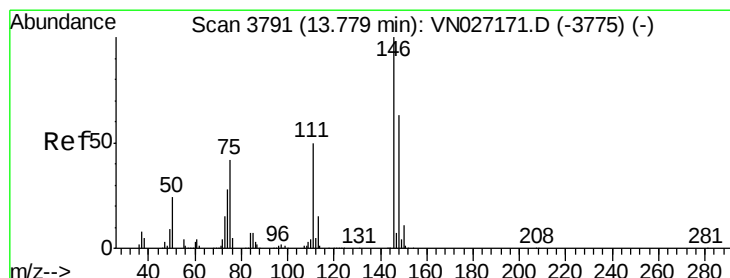
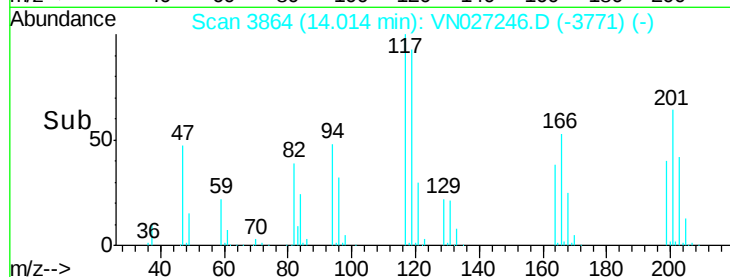
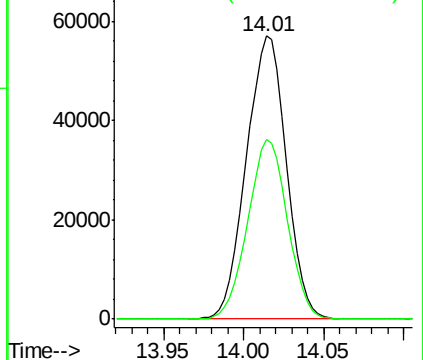
117 100

201 63.1 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 18.49 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

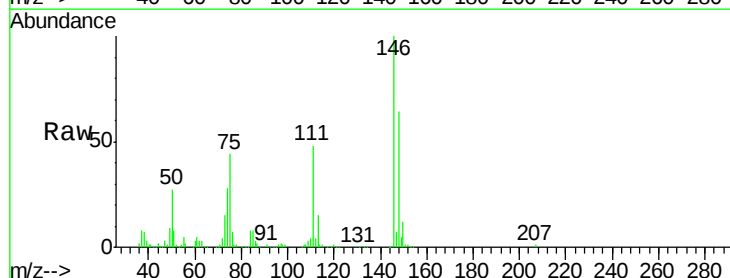
Tgt Ion:146 Resp: 216553

Ion Ratio Lower Upper

146 100

111 48.7 22.1 66.3

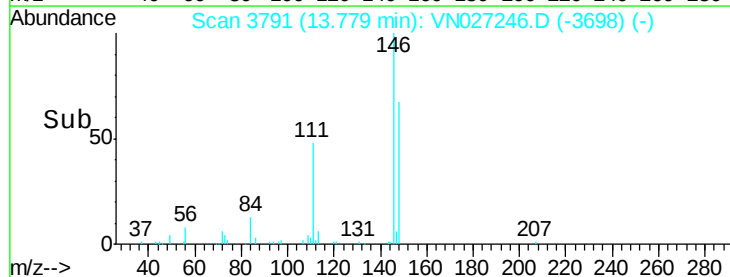
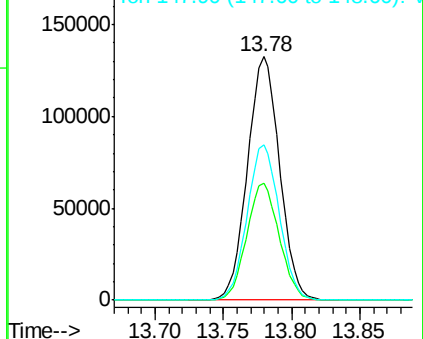
148 64.1 32.0 96.0

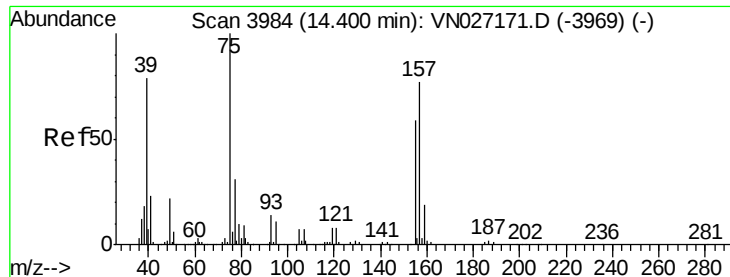


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 16.35 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampled :

VN0917WBS01

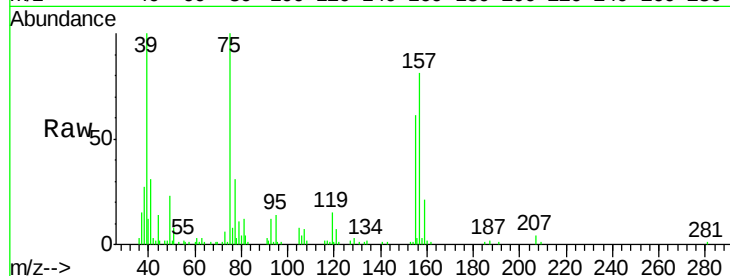
Tgt Ion: 75 Resp: 34844

Ion Ratio Lower Upper

75 100

155 56.6 35.6 106.9

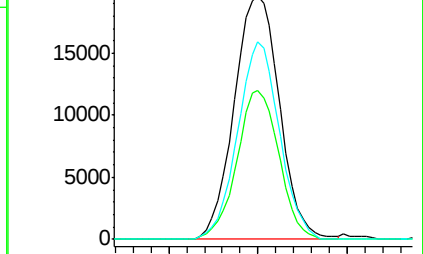
157 74.7 44.6 133.8



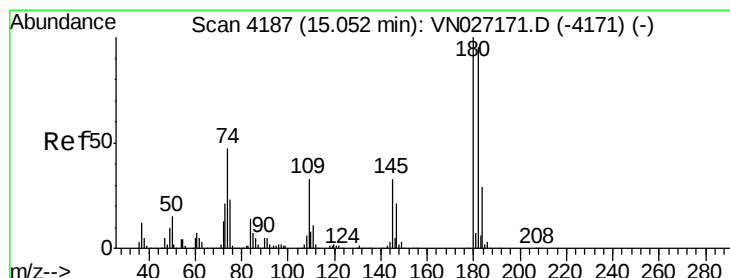
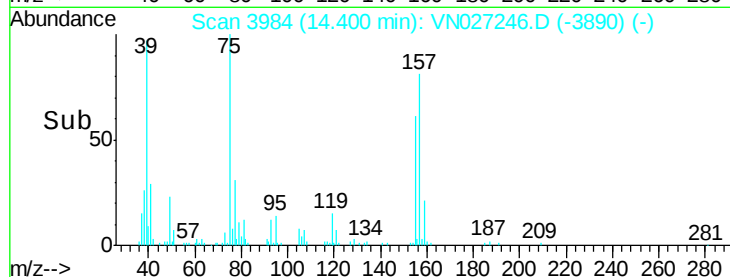
Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-3969) (-)

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

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



Time-->



#94

1,2,4-Trichlorobenzene

Concen: 17.82 ug/l

RT: 15.06 min Scan# 4188

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

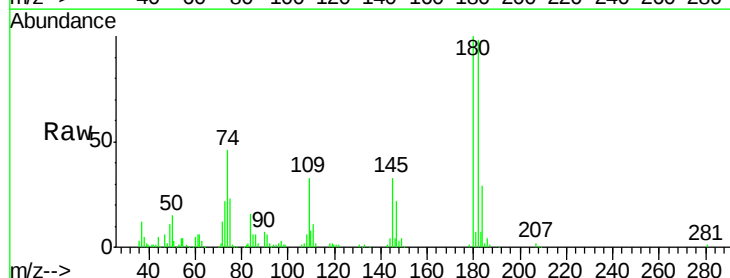
Tgt Ion: 180 Resp: 112771

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.5

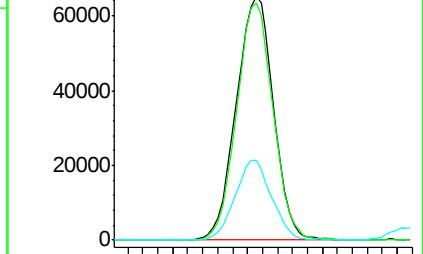
145 32.1 15.1 45.3



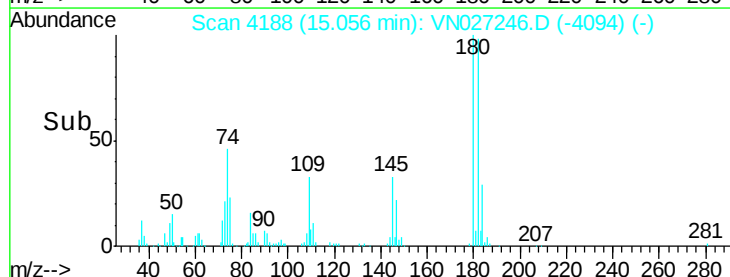
Abundance Ion 179.80 (179.50 to 180.50): VN027171.D (-4171) (-)

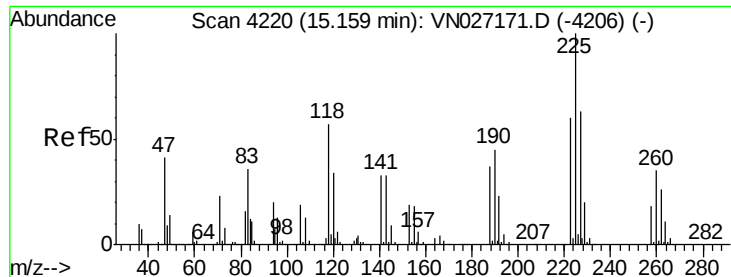
Ion 181.80 (181.50 to 182.50): VN027171.D (-4171) (-)

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



Time-->





#95

Hexachlorobutadiene

Concen: 18.70 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBS01

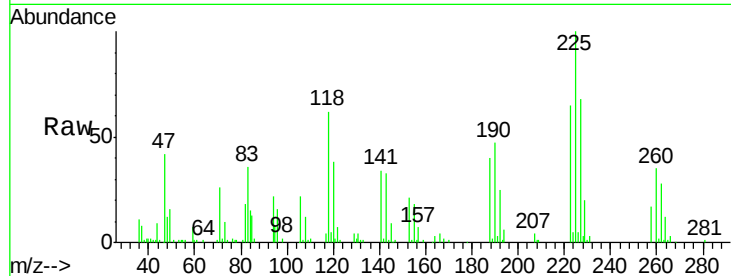
Tgt Ion:225 Resp: 62312

Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

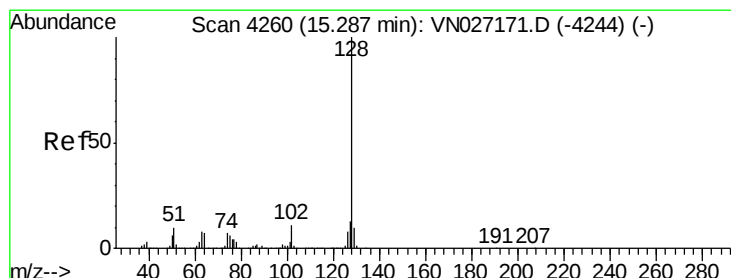
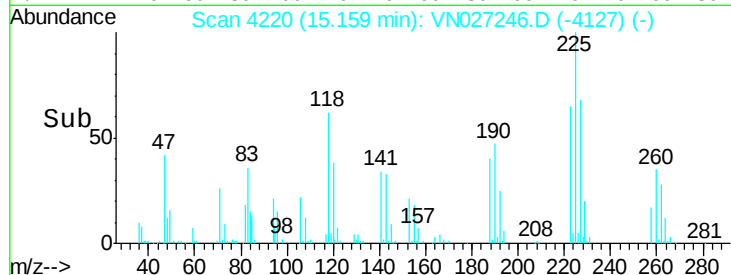
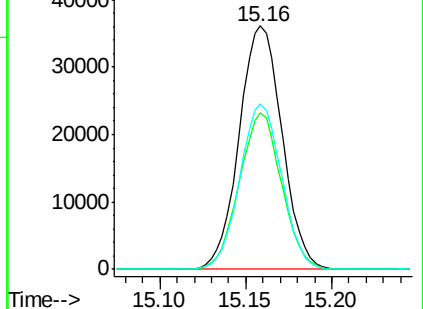
227 66.6 31.7 95.1



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: 16.52 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027246.D

Acq: 17 Sep 2015 11:03

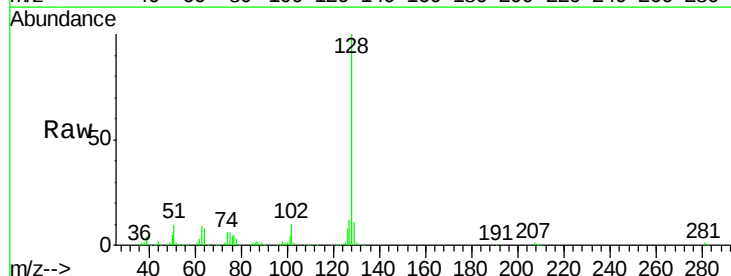
Tgt Ion:128 Resp: 306504

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

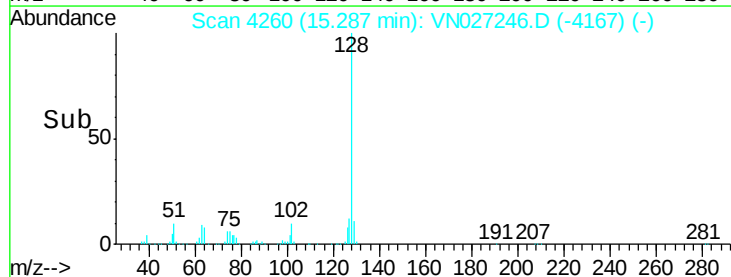
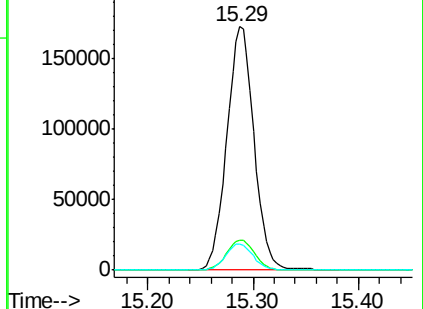
129 10.8 8.6 12.8

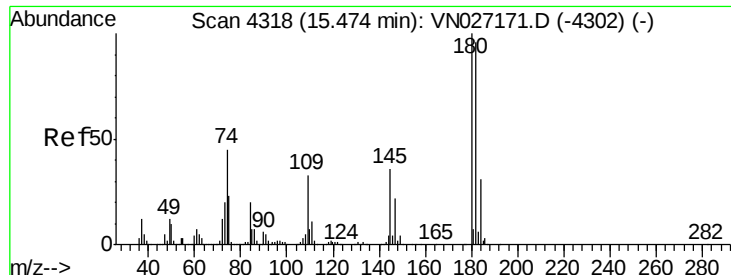


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 17.82 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027246.D
 Acq: 17 Sep 2015 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.8	146.4
145	35.1	16.6	49.8

