

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027180.D
 Acq On : 15 Sep 2015 23:20
 Operator : MD\FY
 Sample : VN0915WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Quant Time: Sep 16 01:20:13 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	565842	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1076083	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	913507	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	346594	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	547081	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
36) Dibromofluoromethane	7.68	113	350253	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
51) Toluene-d8	10.19	98	1338172	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
63) 4-Bromofluorobenzene	12.52	95	469051	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	136854	20.21	ug/l	99
3) Chlorodifluoromethane	1.81	51	159355	20.34	ug/l	94
4) Chloromethane	2.01	50	156229	21.25	ug/l	98
5) Vinyl Chloride	2.14	62	160918	20.12	ug/l	98
6) Bromomethane	2.54	94	78932	21.06	ug/l	99
7) Chloroethane	2.69	64	106858	19.66	ug/l	98
8) Trichlorofluoromethane	3.02	101	239795	19.85	ug/l	100
9) Diethyl Ether	3.43	74	111407	20.04	ug/l	86
10) 1,1,2-Trichlorotrifluoroet	3.79	101	147693	19.47	ug/l	96
11) Methyl Iodide	3.99	142	152835	20.73	ug/l	93
12) Tert butyl alcohol	4.80	59	112432	99.17	ug/l #	90
13) 1,1-Dichloroethene	3.77	96	147883	20.36	ug/l	99
14) Acrolein	3.62	56	117790	88.44	ug/l	98
15) Allyl chloride	4.37	41	287759	19.61	ug/l #	85
16) Acrylonitrile	5.03	53	377921	101.94	ug/l	99
17) Acetone	3.83	43	302648	96.82	ug/l	96
18) Carbon Disulfide	4.11	76	462806	19.56	ug/l	99
19) Methyl Acetate	4.36	43	467081	20.63	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	584876	20.05	ug/l	94
21) Methylene Chloride	4.60	84	172640	19.83	ug/l	95
22) trans-1,2-Dichloroethene	5.13	96	158401	20.16	ug/l	97
23) Diisopropyl ether	6.04	45	617017	20.04	ug/l #	85
24) Vinyl Acetate	5.98	43	1391475	136.55	ug/l	98
25) 1,1-Dichloroethane	5.93	63	353284	19.75	ug/l	99
26) 2-Butanone	6.92	43	466247	99.05	ug/l	98
27) 2,2-Dichloropropane	6.92	77	269356	17.36	ug/l	96
28) cis-1,2-Dichloroethene	6.92	96	187871	20.84	ug/l	98
29) Bromochloromethane	7.29	49	133864	19.28	ug/l	95
30) Tetrahydrofuran	7.32	42	312245	96.25	ug/l	91
31) Chloroform	7.46	83	333327	20.63	ug/l	98
32) Cyclohexane	7.77	56	337755	20.67	ug/l	93
33) 1,1,1-Trichloroethane	7.67	97	291734	20.25	ug/l	96
37) 1,1-Dichloropropene	7.89	75	247780	19.67	ug/l	99
38) Ethyl Acetate	7.02	43	219011	19.81	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027180.D
 Acq On : 15 Sep 2015 23:20
 Operator : MD\FY
 Sample : VN0915WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Quant Time: Sep 16 01:20:13 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	233179	19.69	ug/l	98
40) Methylcyclohexane	9.19	83	295305	19.25	ug/l	99
41) Benzene	8.14	78	724647	19.72	ug/l	98
42) Methacrylonitrile	7.24	41	122986	20.20	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	291988	19.72	ug/l	96
44) Isopropyl Acetate	8.25	43	399332	19.84	ug/l	98
45) Trichloroethene	8.94	130	147585	19.99	ug/l	92
46) 1,2-Dichloropropane	9.22	63	205617	19.45	ug/l	99
47) Dibromomethane	9.31	93	122756	19.77	ug/l	92
48) Bromodichloromethane	9.49	83	259407	19.83	ug/l	99
49) Methyl methacrylate	9.29	41	196086	19.55	ug/l #	90
50) 1,4-Dioxane	9.30	88	45577	387.48	ug/l	95
52) 4-Methyl-2-Pentanone	10.07	43	1049500	98.61	ug/l	100
53) Toluene	10.26	92	417917	19.41	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	278502	18.95	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	304810	19.07	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	164574	20.34	ug/l	99
57) Ethyl methacrylate	10.52	69	265697	19.49	ug/l #	91
58) 1,3-Dichloropropane	10.81	76	297175	19.79	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	633403	101.18	ug/l	97
60) 2-Hexanone	10.84	43	710790	98.09	ug/l	100
61) Dibromochloromethane	11.00	129	160957	19.48	ug/l	100
62) 1,2-Dibromoethane	11.11	107	154205	19.40	ug/l	99
65) Tetrachloroethene	10.74	164	118187	20.23	ug/l	95
66) Chlorobenzene	11.54	112	417948	19.38	ug/l	98
67) 1,1,1,2-Tetrachloroethane	11.62	131	146326	19.89	ug/l	99
68) Ethyl Benzene	11.62	91	791867	19.36	ug/l	100
69) m/p-Xylenes	11.73	106	551511	39.09	ug/l	91
70) o-Xylene	12.06	106	274359	19.40	ug/l	89
71) Styrene	12.07	104	450105	19.71	ug/l	95
72) Bromoform	12.24	173	100133	19.57	ug/l #	98
74) Isopropylbenzene	12.36	105	739255	19.36	ug/l	100
75) N-amyl acetate	12.17	43	332765	19.52	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	220276	20.29	ug/l	97
77) 1,2,3-Trichloropropane	12.66	75	302218	28.85	ug/l	52
78) Bromobenzene	12.64	156	143043	19.10	ug/l	90
79) n-propylbenzene	12.71	91	868859	19.34	ug/l	98
80) 2-Chlorotoluene	12.79	91	520521	19.29	ug/l	96
81) 1,3,5-Trimethylbenzene	12.85	105	594717	19.38	ug/l	96
82) trans-1,4-Dichloro-2-buten	12.40	75	77608	18.20	ug/l	89
83) 4-Chlorotoluene	12.89	91	509455	19.22	ug/l	96
84) tert-Butylbenzene	13.11	119	484760	19.15	ug/l	91
85) 1,2,4-Trimethylbenzene	13.16	105	592500	19.23	ug/l	96
86) sec-Butylbenzene	13.29	105	715697	19.30	ug/l	100
87) p-Isopropyltoluene	13.41	119	543207	19.02	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	251102	19.59	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	248175	19.12	ug/l	94
90) n-Butylbenzene	13.74	91	528967	19.08	ug/l	98
91) Hexachloroethane	14.01	117	116762	18.68	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	252968	19.97	ug/l	97

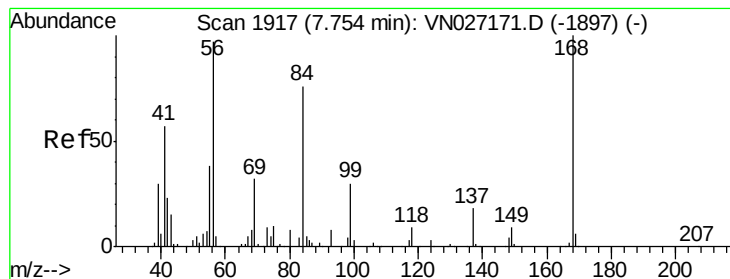
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
Data File : VN027180.D
Acq On : 15 Sep 2015 23:20
Operator : MD\FY
Sample : VN0915WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Quant Time: Sep 16 01:20:13 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	46614	20.56	ug/l	83
94) 1,2,4-Trichlorobenzene	15.05	180	132310	19.34	ug/l	98
95) Hexachlorobutadiene	15.16	225	72188	20.03	ug/l	99
96) Naphthalene	15.29	128	383063	19.10	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	132839	19.53	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

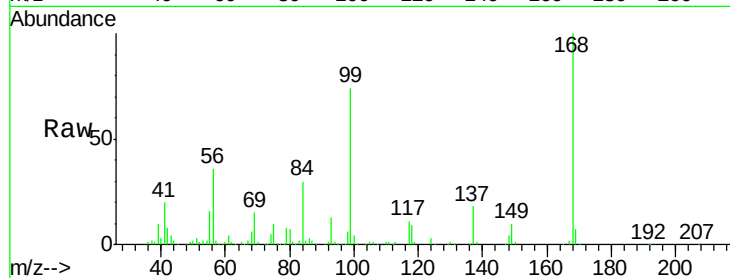
VN0915WBS01

Tgt Ion:168 Resp: 565842

Ion Ratio Lower Upper

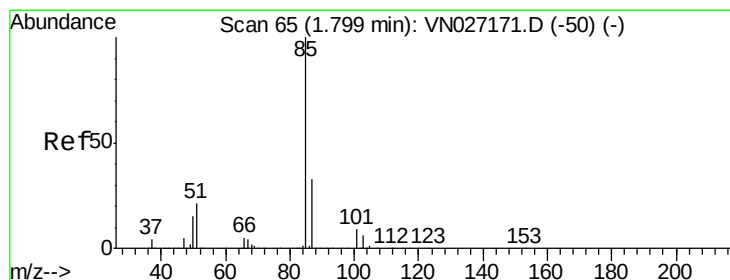
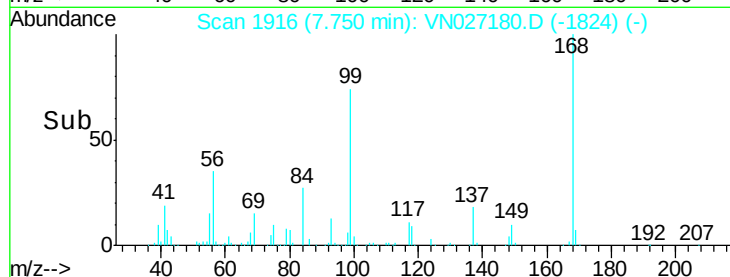
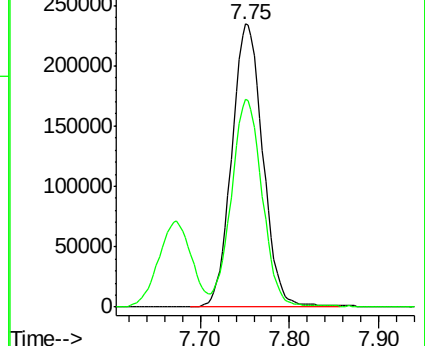
168 100

99 73.2 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.21 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027180.D

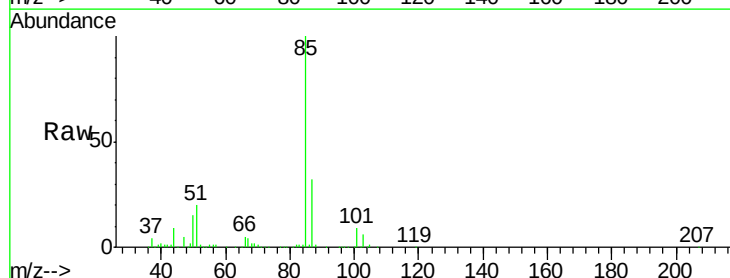
Acq: 15 Sep 2015 23:20

Tgt Ion: 85 Resp: 136854

Ion Ratio Lower Upper

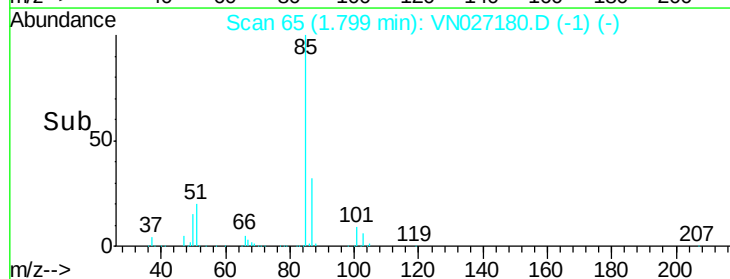
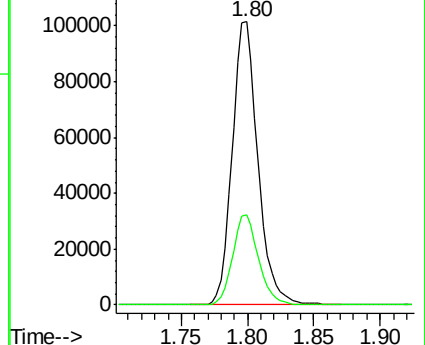
85 100

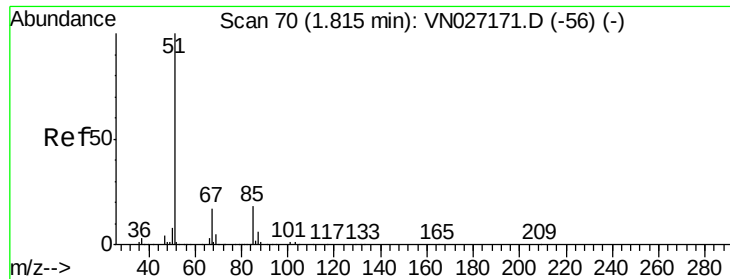
87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chlorodifluoromethane

Concen: 20.34 ug/l

RT: 1.81 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

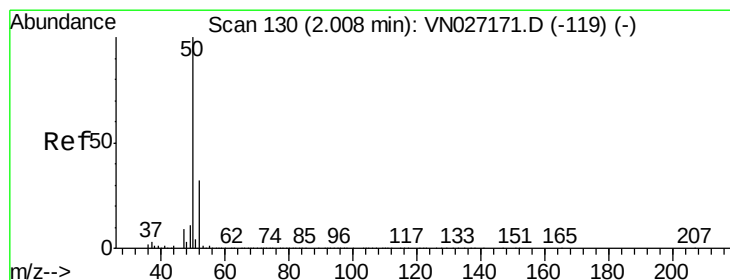
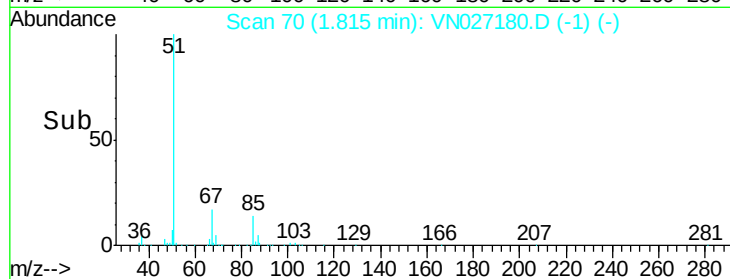
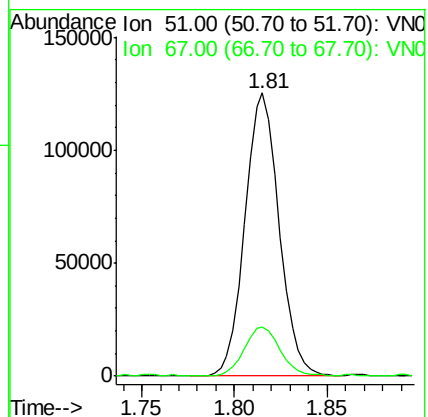
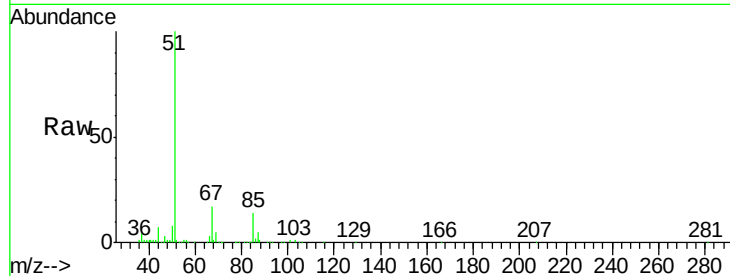
VN0915WBS01

Tgt Ion: 51 Resp: 159355

Ion Ratio Lower Upper

51 100

67 17.7 12.2 18.2



#4

Chloromethane

Concen: 21.25 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027180.D

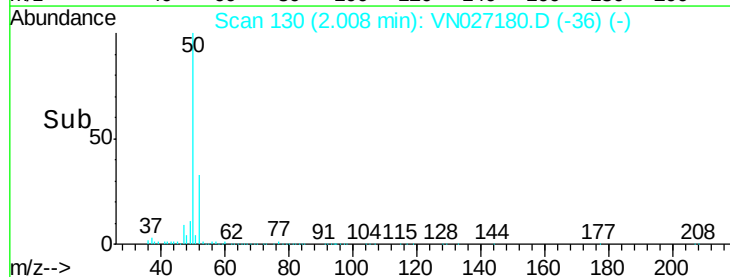
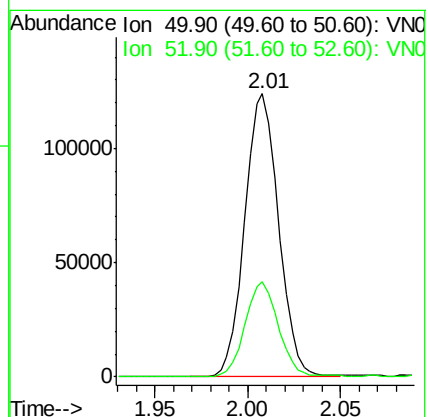
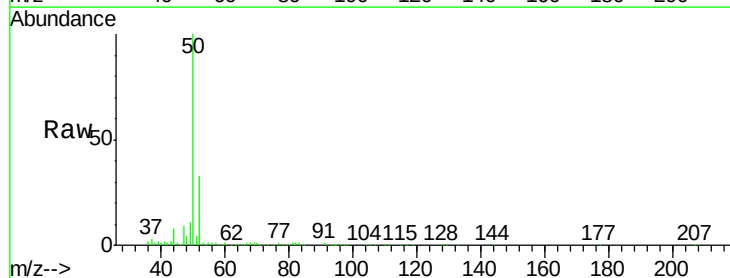
Acq: 15 Sep 2015 23:20

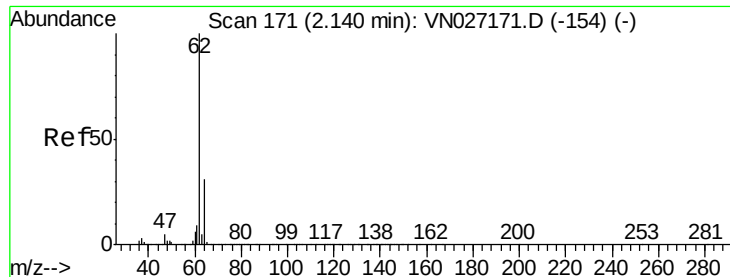
Tgt Ion: 50 Resp: 156229

Ion Ratio Lower Upper

50 100

52 33.3 25.9 38.9





#5

Vinyl Chloride

Concen: 20.12 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampled :

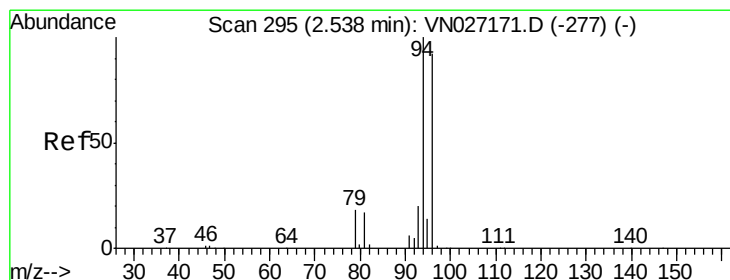
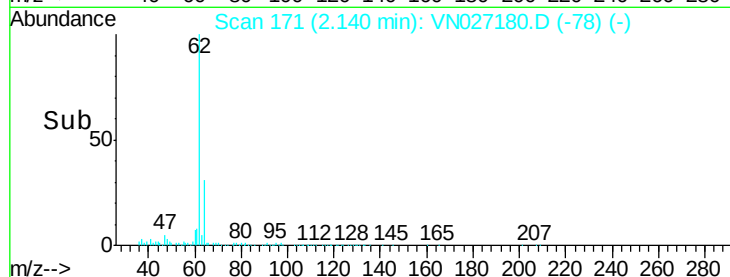
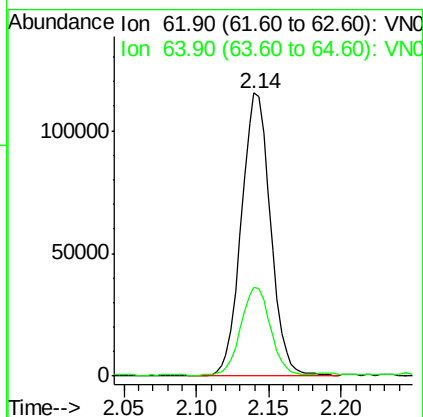
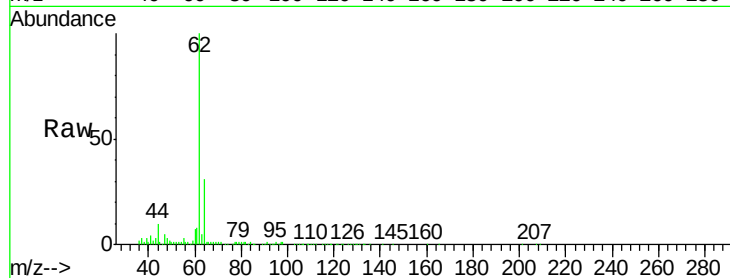
VN0915WBS01

Tgt Ion: 62 Resp: 160918

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9



#6

Bromomethane

Concen: 21.06 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.01 min

Lab File: VN027180.D

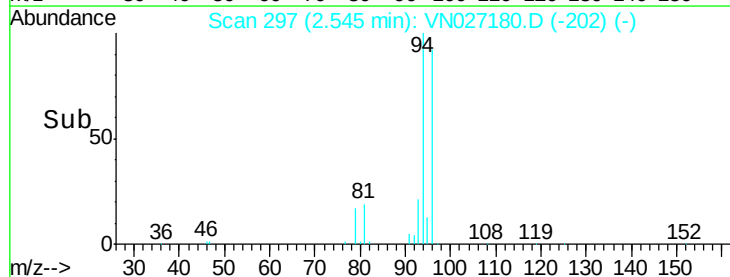
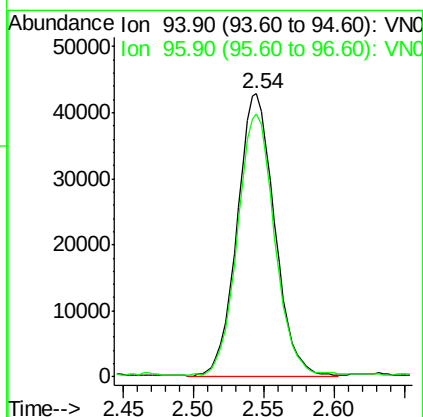
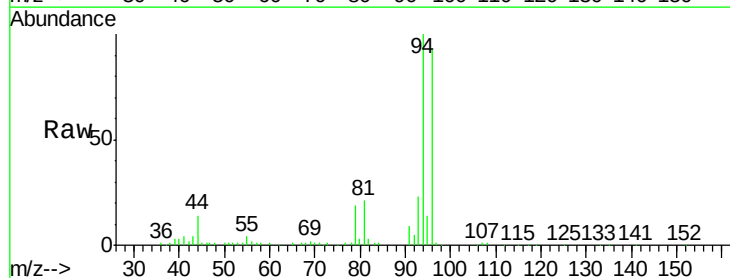
Acq: 15 Sep 2015 23:20

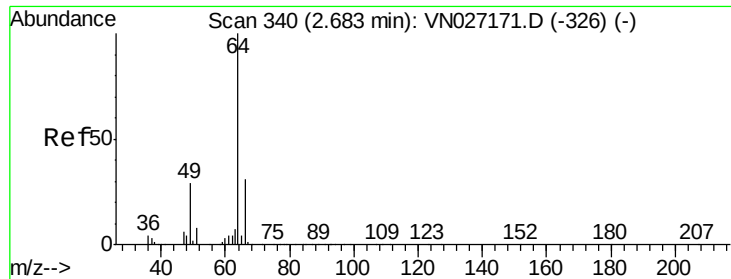
Tgt Ion: 94 Resp: 78932

Ion Ratio Lower Upper

94 100

96 92.3 73.4 110.2





#7

Chloroethane

Concen: 19.66 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

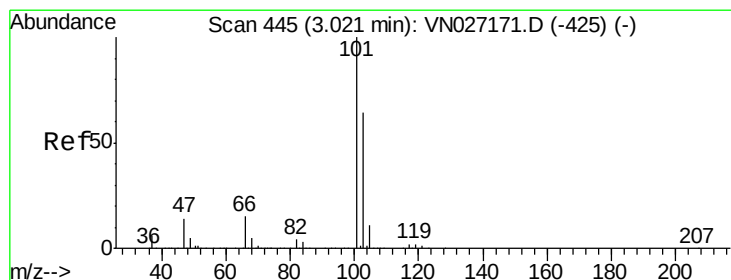
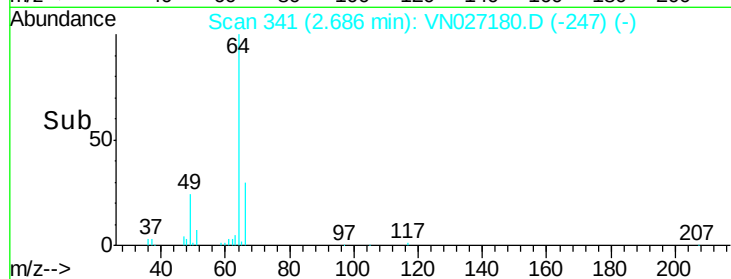
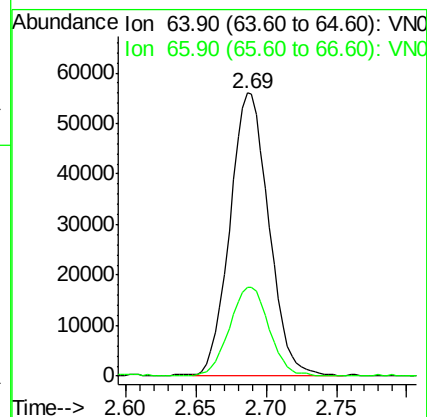
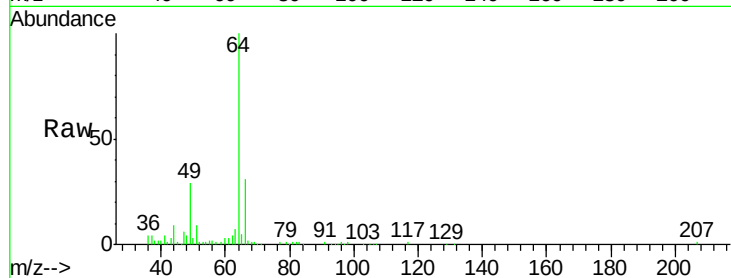
VN0915WBS01

Tgt Ion: 64 Resp: 106858

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



#8

Trichlorofluoromethane

Concen: 19.85 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027180.D

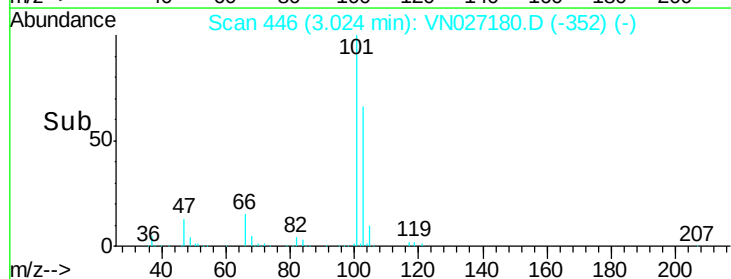
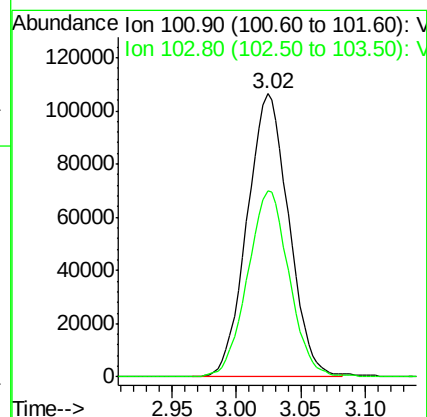
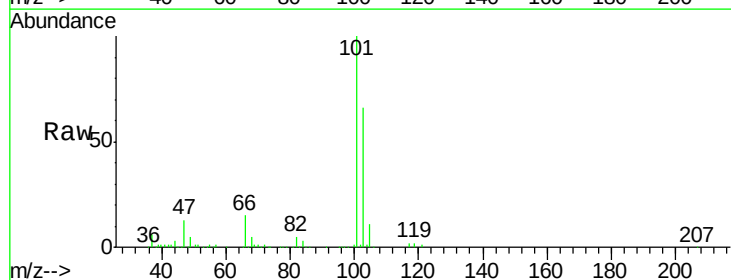
Acq: 15 Sep 2015 23:20

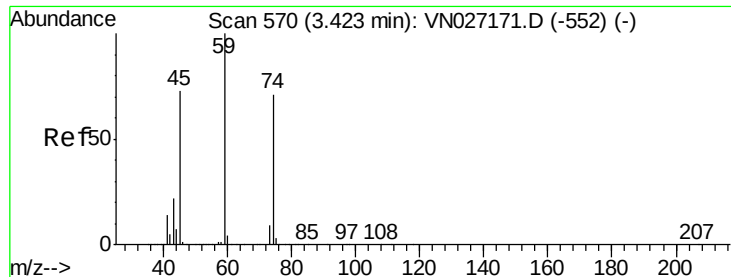
Tgt Ion: 101 Resp: 239795

Ion Ratio Lower Upper

101 100

103 65.9 52.6 79.0





#9

Diethyl Ether

Concen: 20.04 ug/l

RT: 3.43 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampled :

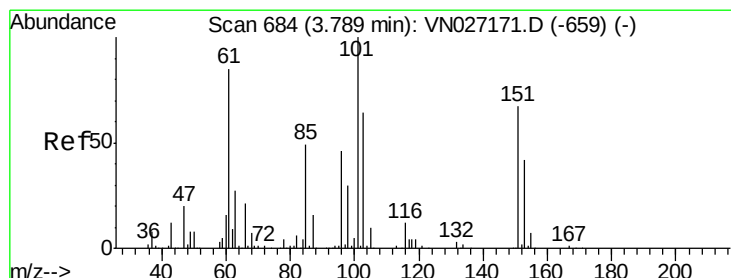
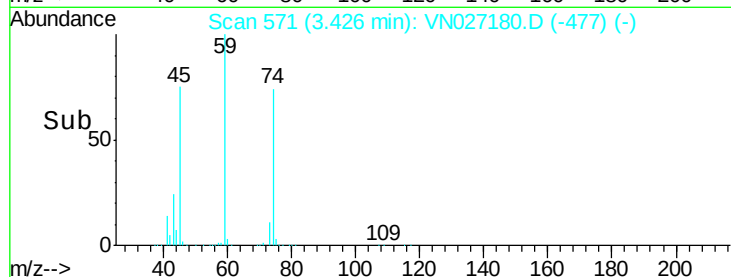
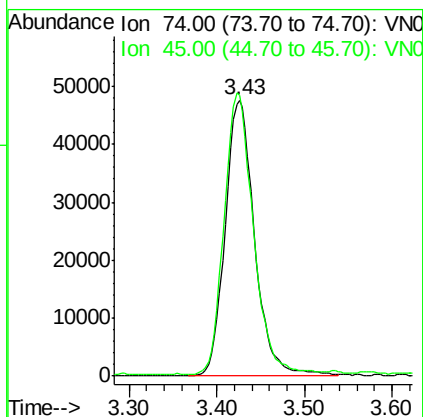
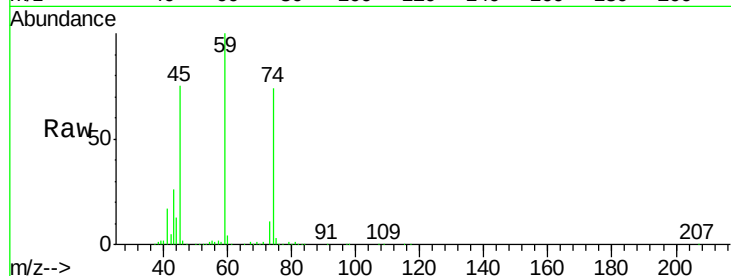
VN0915WBS01

Tgt Ion: 74 Resp: 111407

Ion Ratio Lower Upper

74 100

45 100.8 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 19.47 ug/l

RT: 3.79 min Scan# 685

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

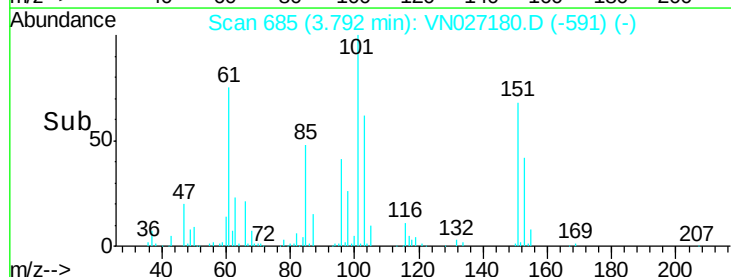
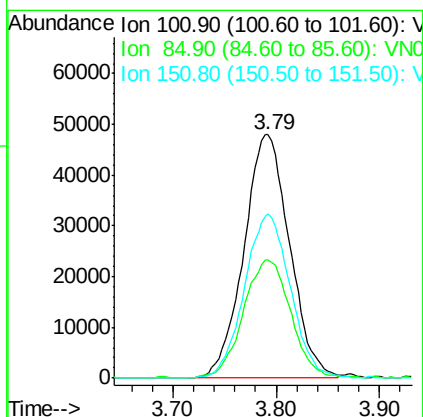
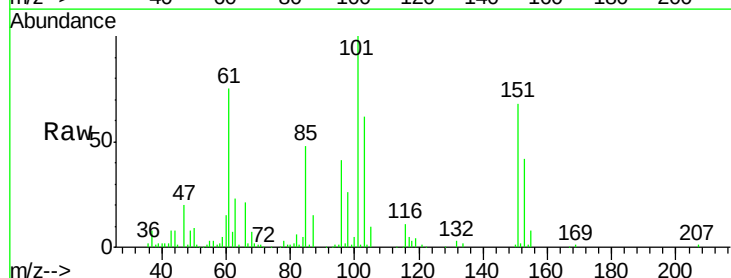
Tgt Ion: 101 Resp: 147693

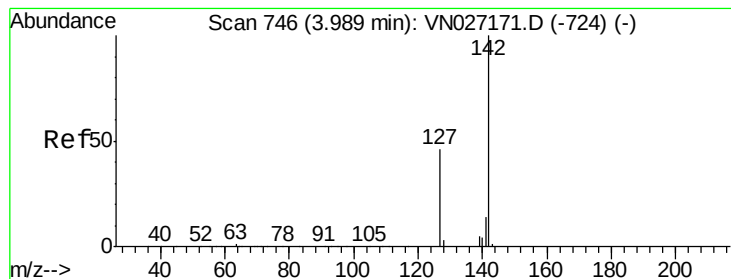
Ion Ratio Lower Upper

101 100

85 50.3 37.4 56.0

151 67.5 55.9 83.9





#11

Methyl Iodide

Concen: 20.73 ug/l

RT: 3.99 min Scan# 747

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampled :

VN0915WBS01

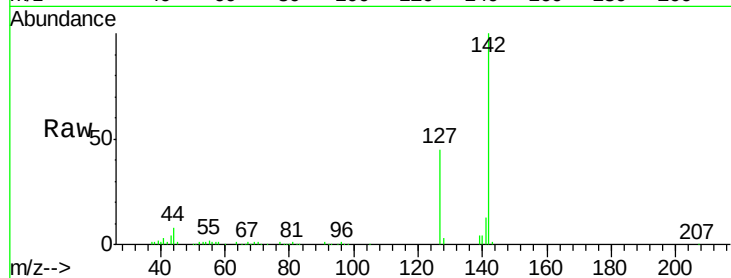
Tgt Ion:142 Resp: 152835

Ion Ratio Lower Upper

142 100

127 45.8 32.3 48.5

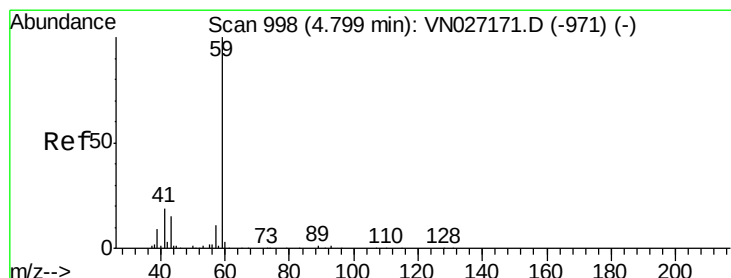
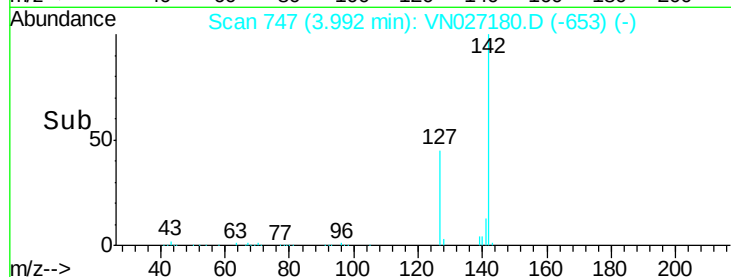
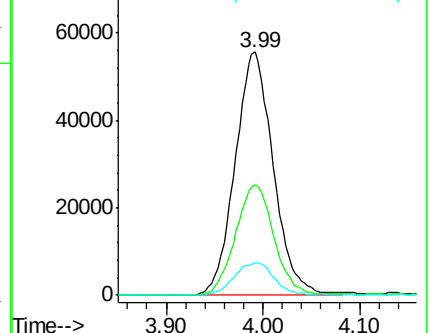
141 13.9 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#12

Tert butyl alcohol

Concen: 99.17 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN027180.D

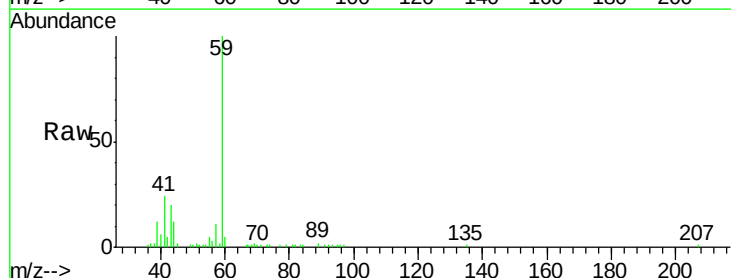
Acq: 15 Sep 2015 23:20

Tgt Ion: 59 Resp: 112432

Ion Ratio Lower Upper

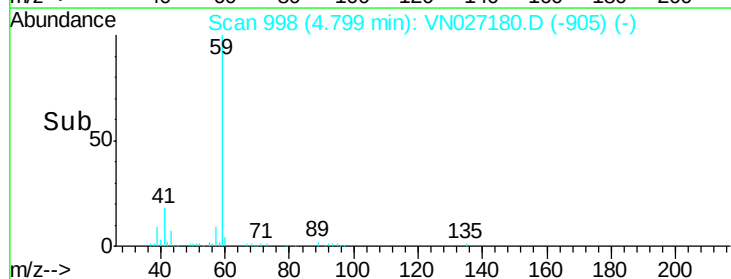
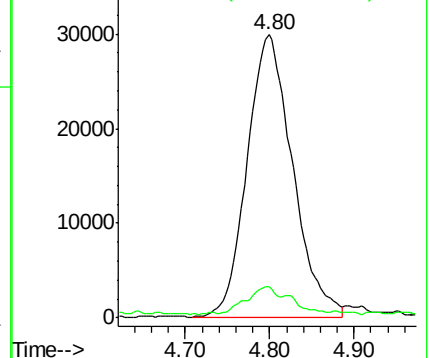
59 100

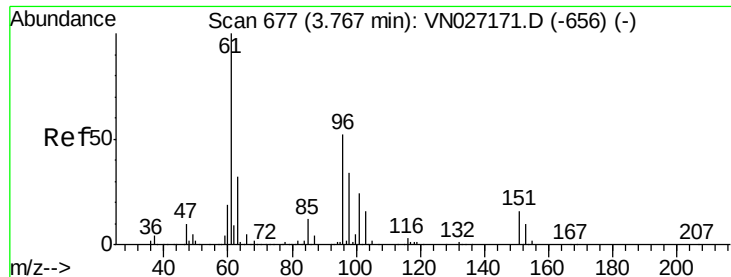
57 5.9 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

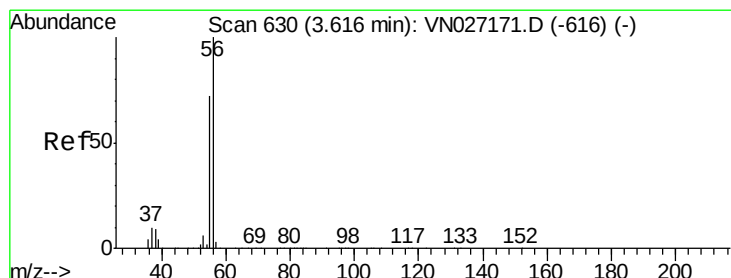
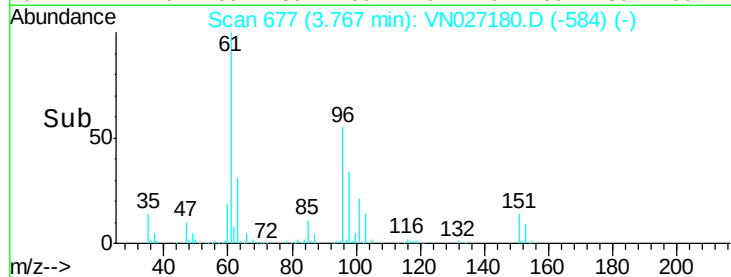
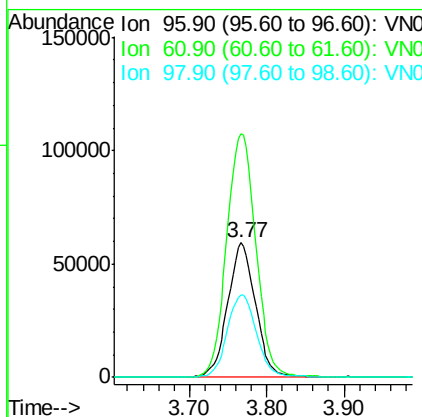
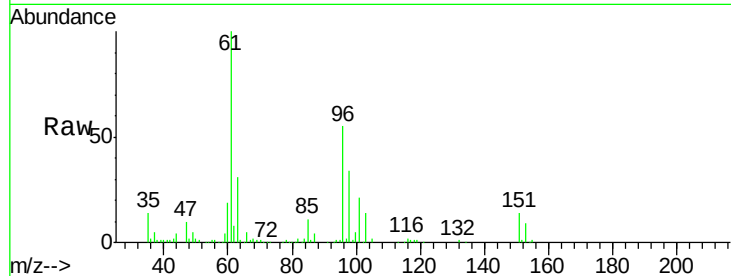




#13
 1,1-Dichloroethene
 Concen: 20.36 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

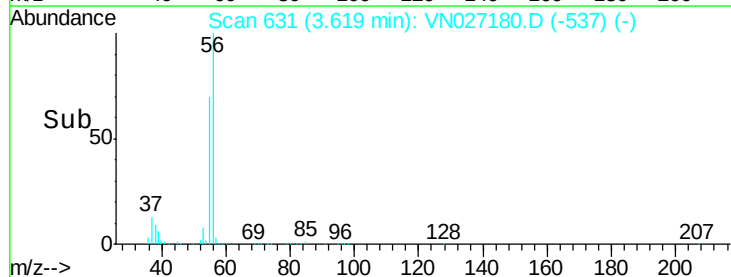
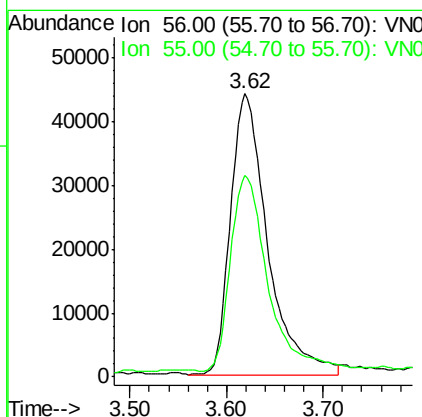
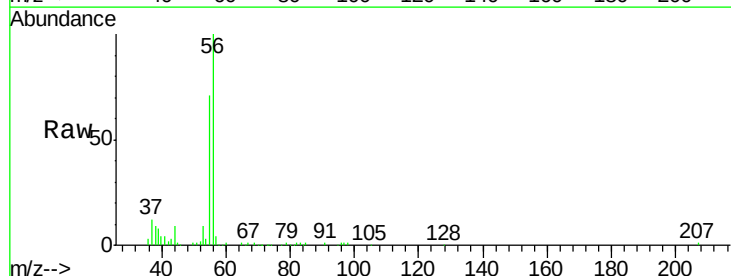
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

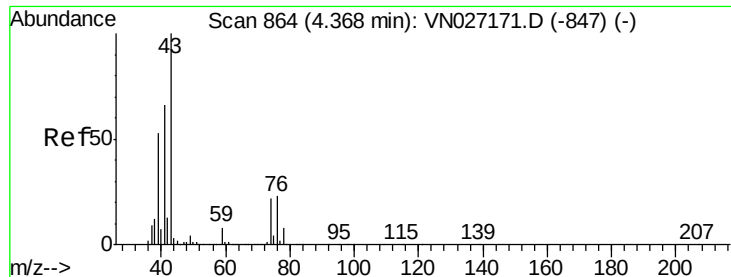
Tgt Ion	Resp	Lower	Upper
96	147883		
61	180.7	143.8	215.8
98	61.1	50.3	75.5



#14
 Acrolein
 Concen: 88.44 ug/l
 RT: 3.62 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion	Resp	Lower	Upper
56	117790		
55	70.9	55.7	83.5

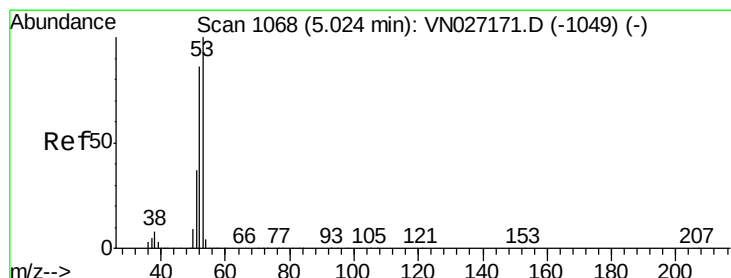
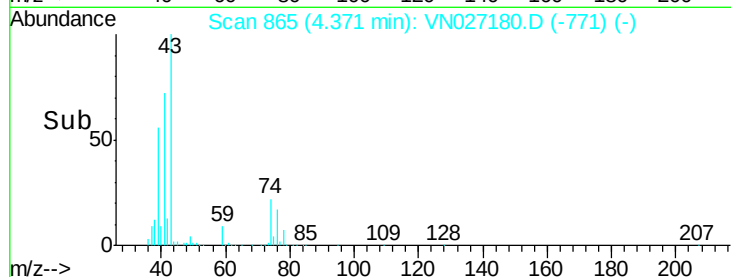
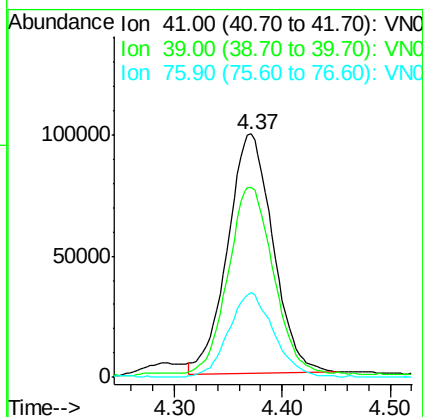
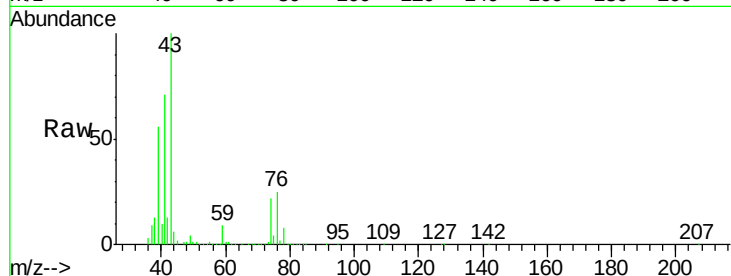




#15
 Allyl chloride
 Concen: 19.61 ug/l
 RT: 4.37 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

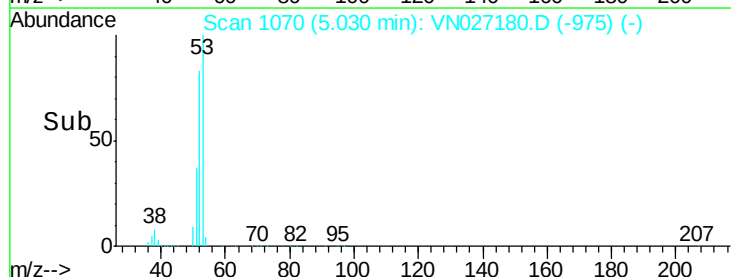
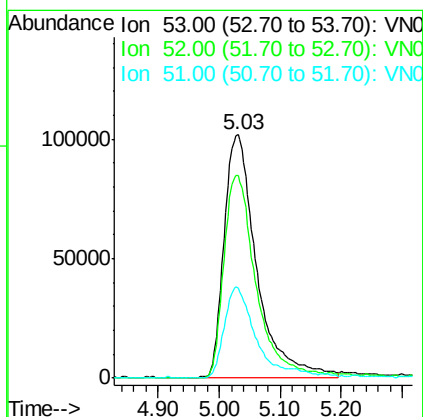
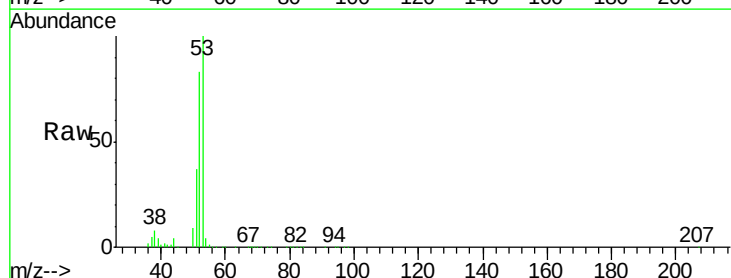
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

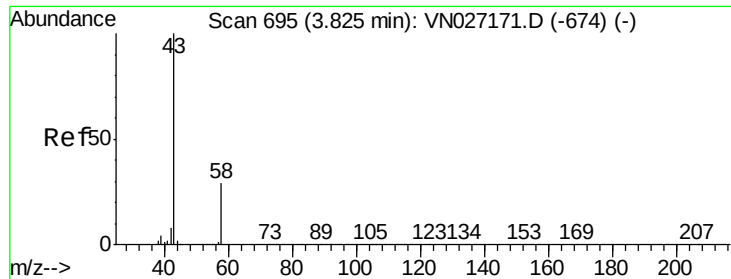
Tgt Ion: 41 Resp: 287759
 Ion Ratio Lower Upper
 41 100
 39 77.0 49.7 74.5#
 76 34.2 24.8 37.2



#16
 Acrylonitrile
 Concen: 101.94 ug/l
 RT: 5.03 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion: 53 Resp: 377921
 Ion Ratio Lower Upper
 53 100
 52 82.1 66.9 100.3
 51 34.0 27.4 41.0





#17

Acetone

Concen: 96.82 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

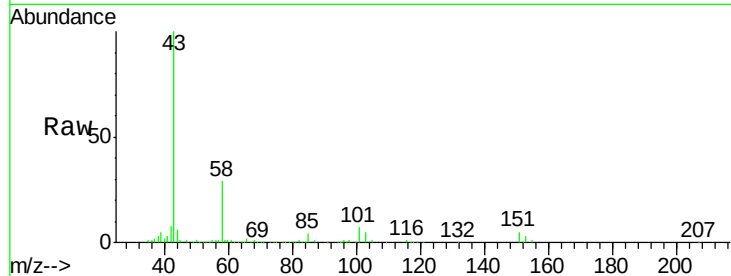
VN0915WBS01

Tgt Ion: 43 Resp: 302648

Ion Ratio Lower Upper

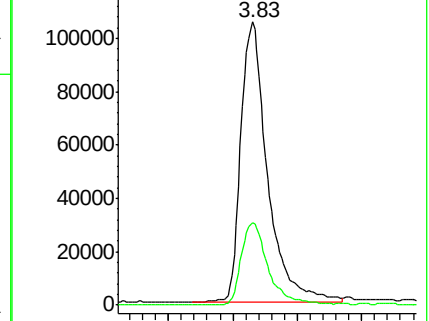
43 100

58 29.2 25.4 38.0

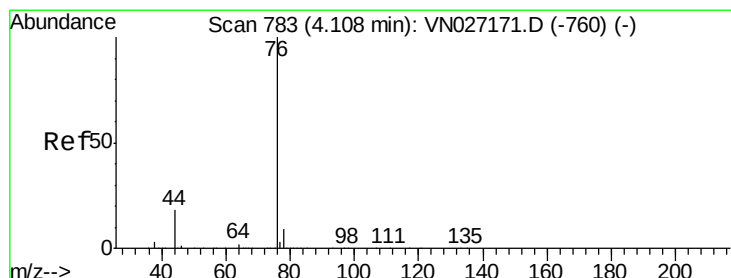
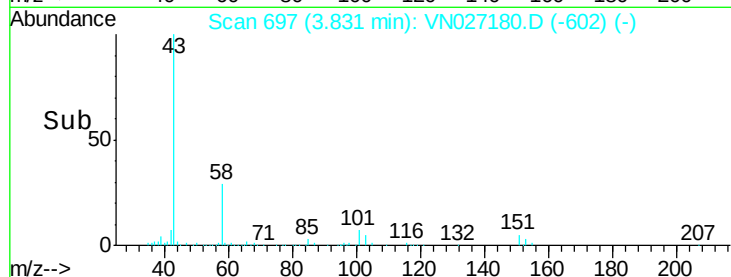


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#18

Carbon Disulfide

Concen: 19.56 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027180.D

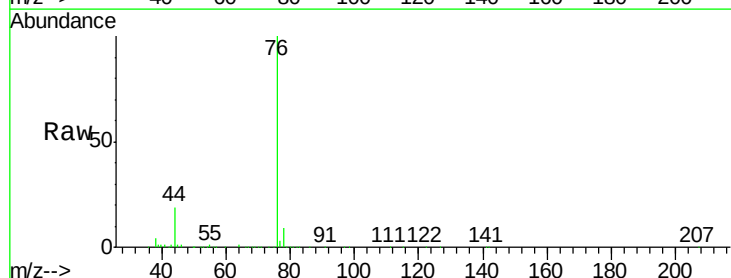
Acq: 15 Sep 2015 23:20

Tgt Ion: 76 Resp: 462806

Ion Ratio Lower Upper

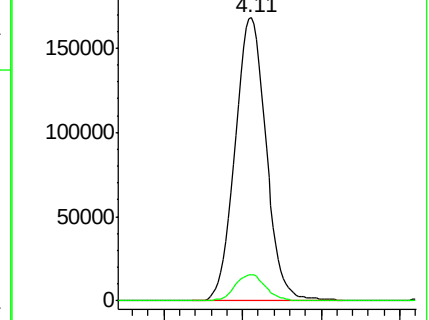
76 100

78 9.2 7.1 10.7

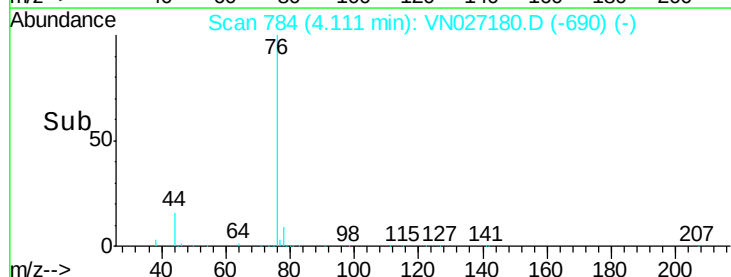


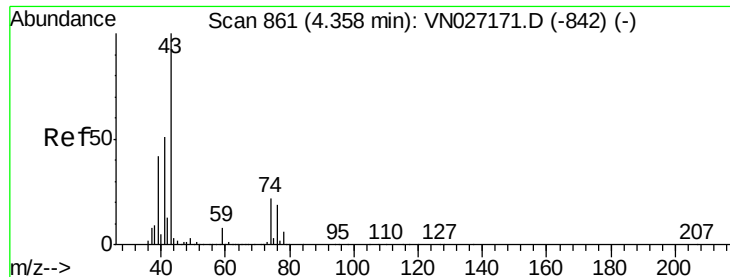
Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->

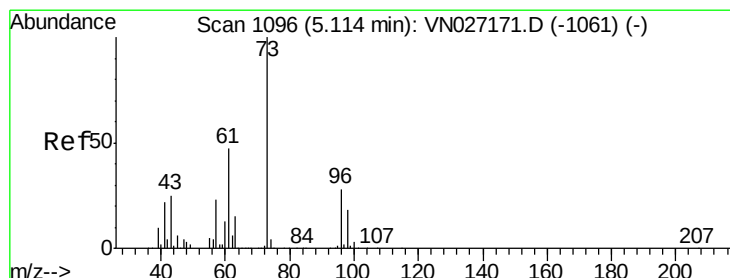
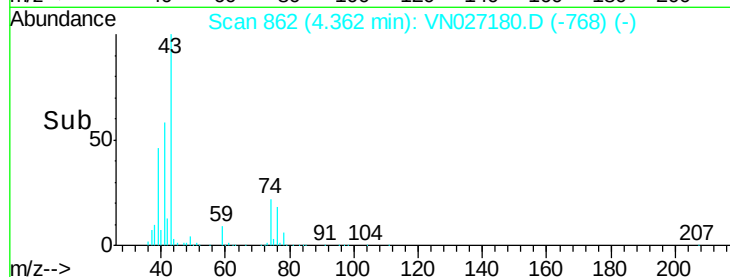
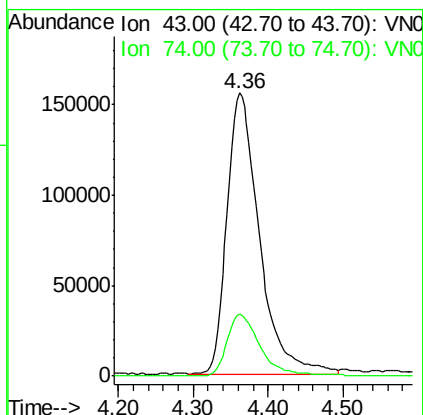
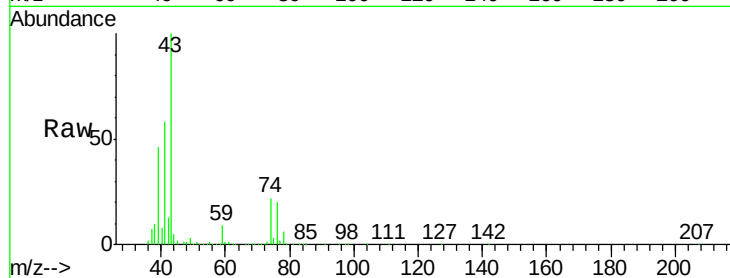




#19
Methyl Acetate
Concen: 20.63 ug/l
RT: 4.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

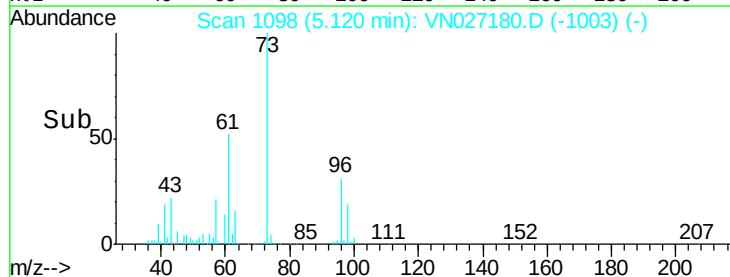
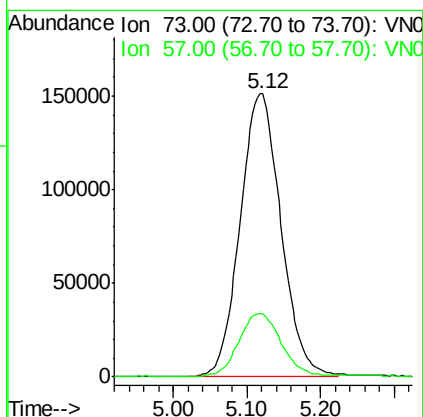
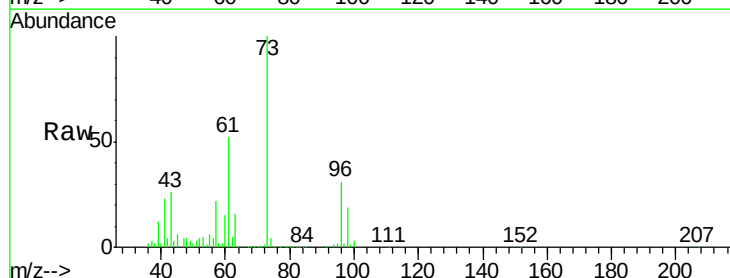
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

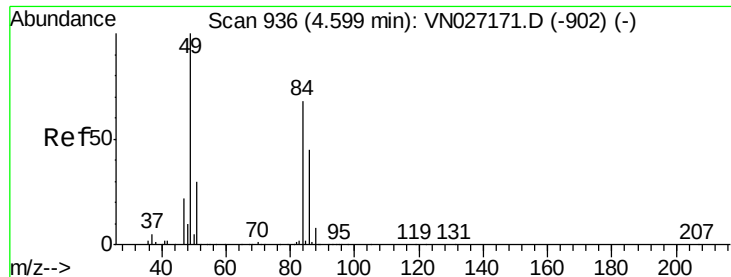
Tgt Ion: 43 Resp: 467081
Ion Ratio Lower Upper
43 100
74 22.5 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 20.05 ug/l
RT: 5.12 min Scan# 1098
Delta R.T. 0.01 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

Tgt Ion: 73 Resp: 584876
Ion Ratio Lower Upper
73 100
57 21.8 19.8 29.6

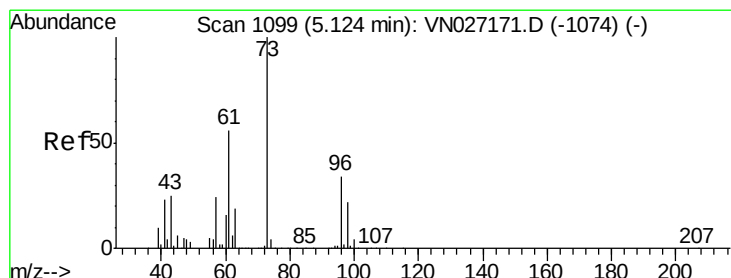
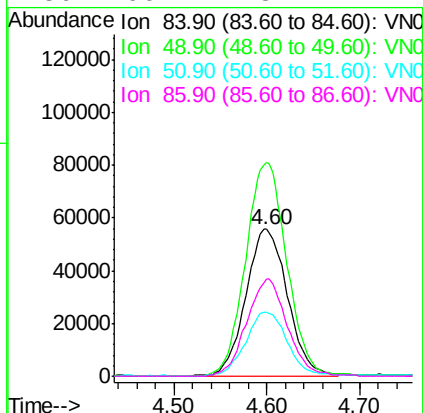
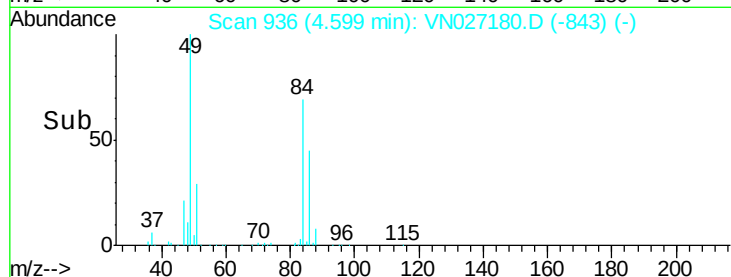
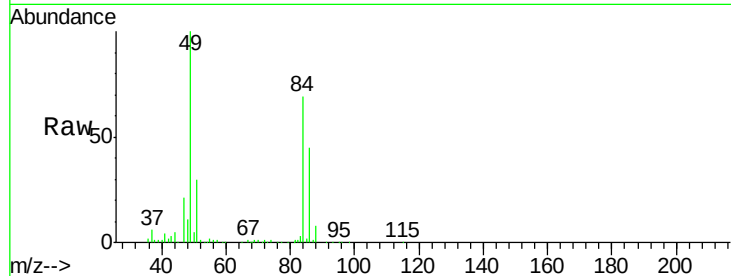




#21
Methylene Chloride
Concen: 19.83 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

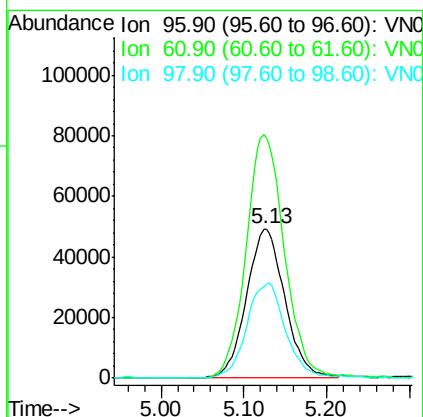
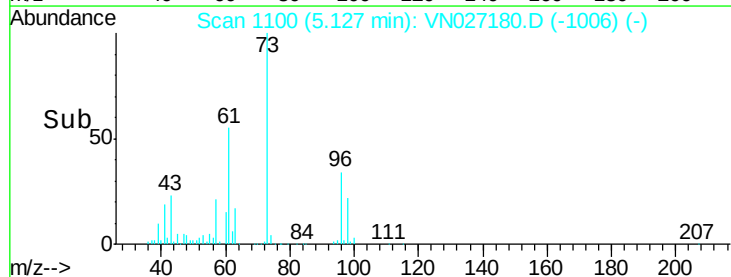
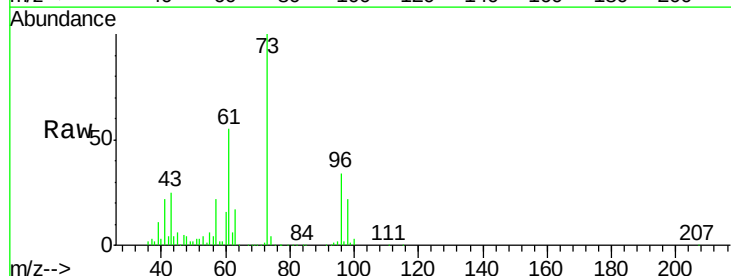
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

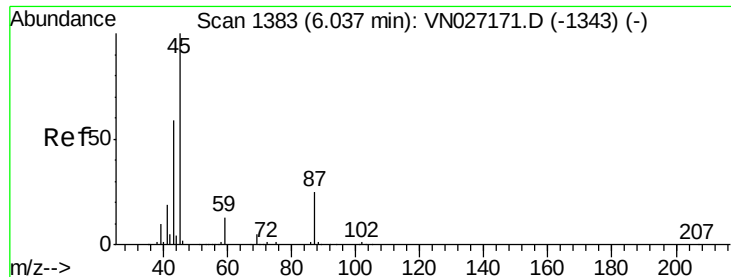
Tgt Ion: 84 Resp: 172640
Ion Ratio Lower Upper
84 100
49 145.7 112.3 168.5
51 43.1 33.8 50.8
86 66.2 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 20.16 ug/l
RT: 5.13 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

Tgt Ion: 96 Resp: 158401
Ion Ratio Lower Upper
96 100
61 160.9 126.6 189.8
98 62.6 47.4 71.2

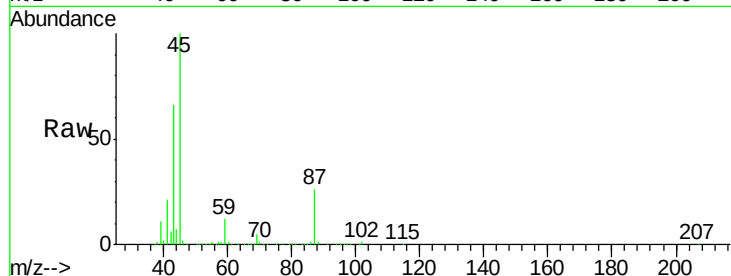




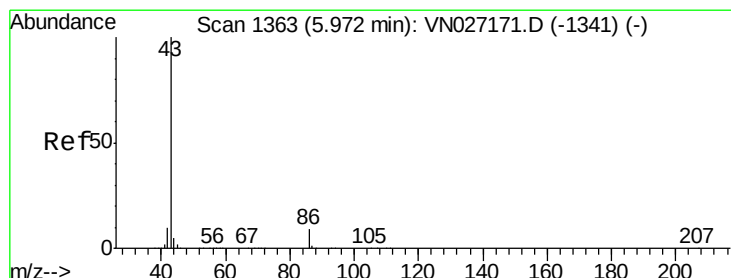
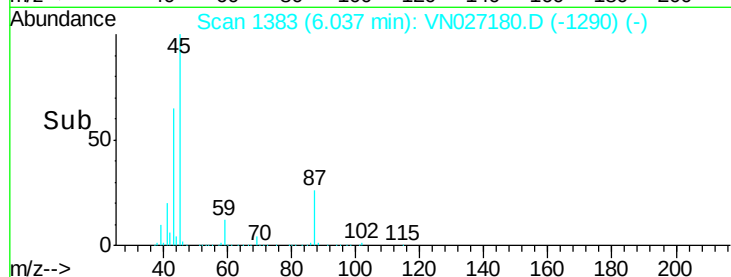
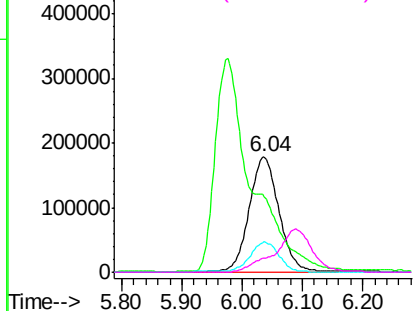
#23
 Diisopropyl ether
 Concen: 20.04 ug/l
 RT: 6.04 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Tgt Ion:	45	Resp:	617017
Ion	Ratio	Lower	Upper
45	100		
43	65.2	41.0	61.6#
87	26.0	17.5	26.3
59	11.9	8.7	13.1

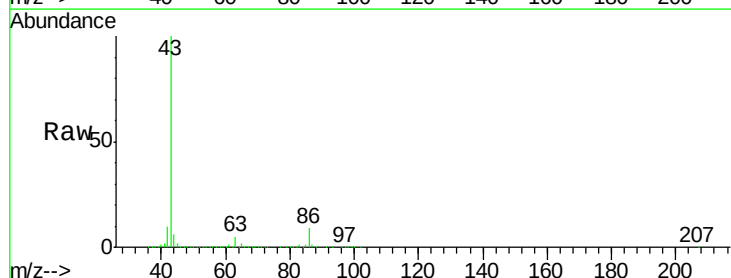


Abundance Ion 45.00 (44.70 to 45.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0
 Ion 59.00 (58.70 to 59.70): VN0

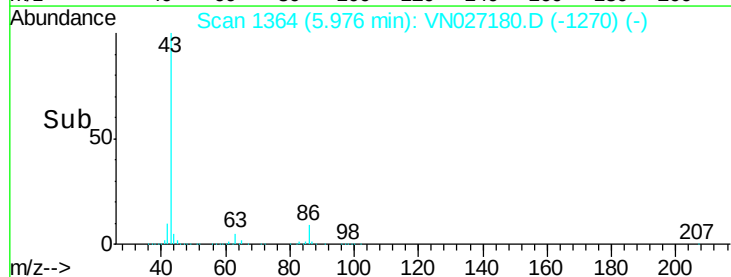
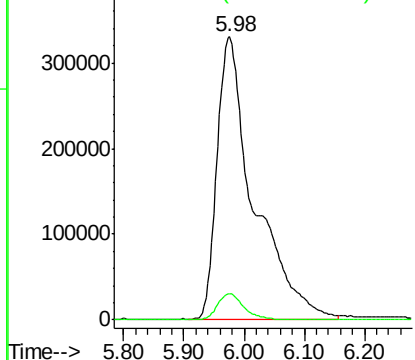


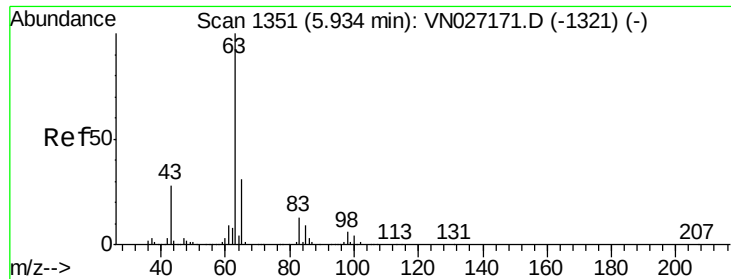
#24
 Vinyl Acetate
 Concen: 136.55 ug/l
 RT: 5.98 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion:	43	Resp:	1391475
Ion	Ratio	Lower	Upper
43	100		
86	9.4	6.9	10.3



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

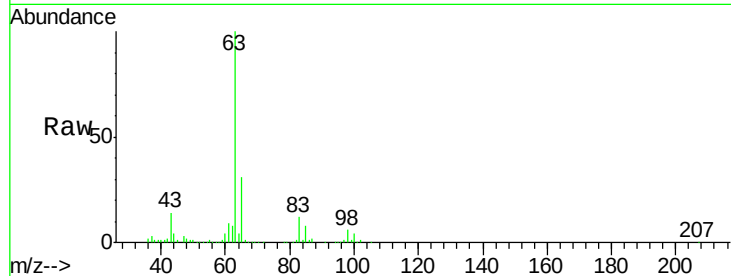




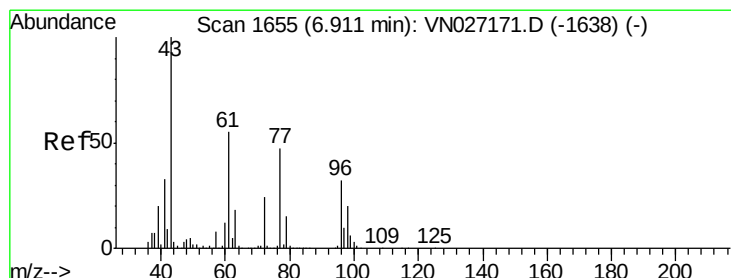
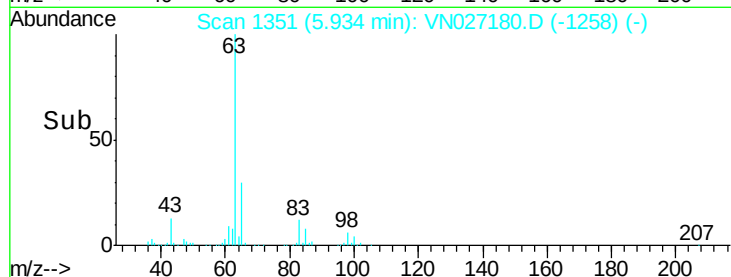
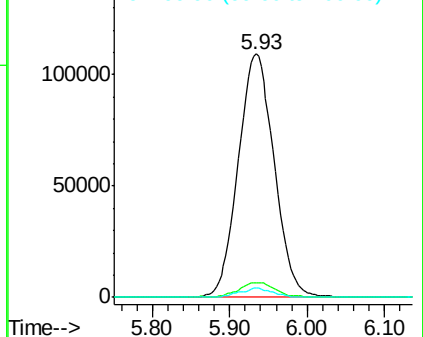
#25
 1,1-Dichloroethane
 Concen: 19.75 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Instrument :
 MSVOA_N
 ClientSampled :
 VN0915WBS01

Tgt Ion: 63 Resp: 353284
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.8 8.3
 100 3.7 1.7 5.0

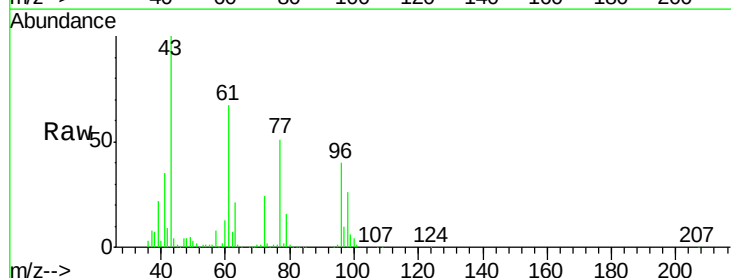


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

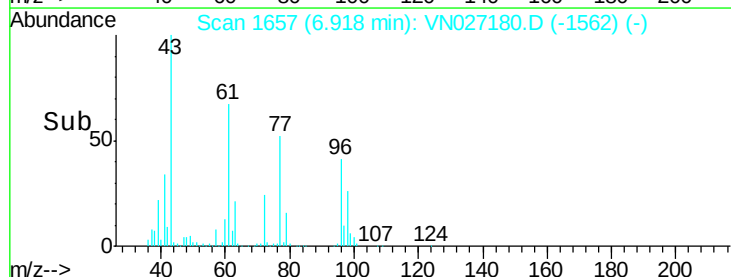
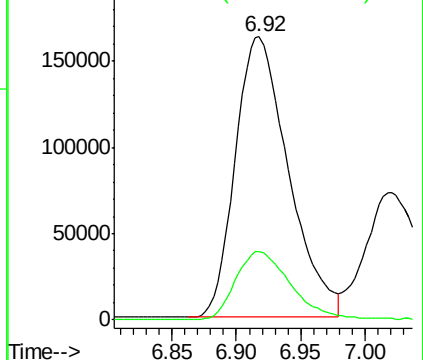


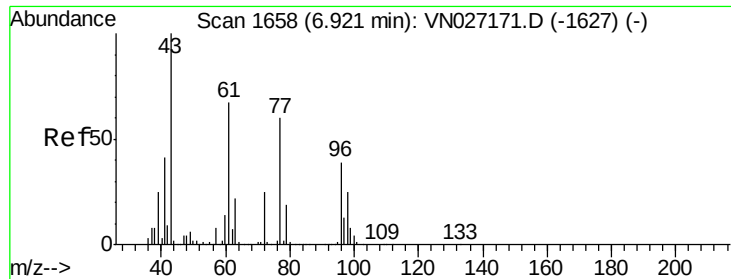
#26
 2-Butanone
 Concen: 99.05 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion: 43 Resp: 466247
 Ion Ratio Lower Upper
 43 100
 72 24.4 18.8 28.2



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

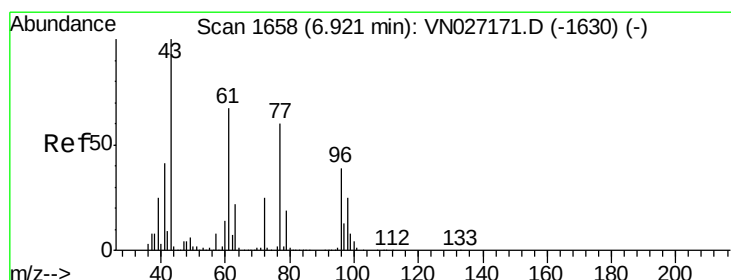
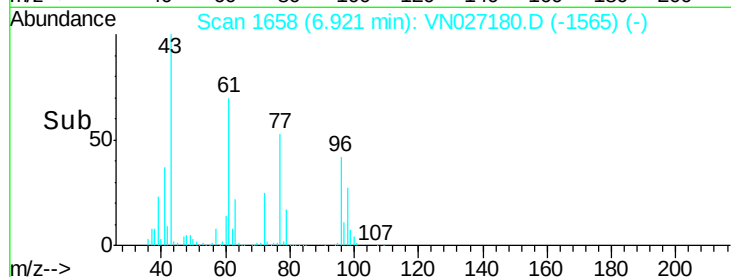
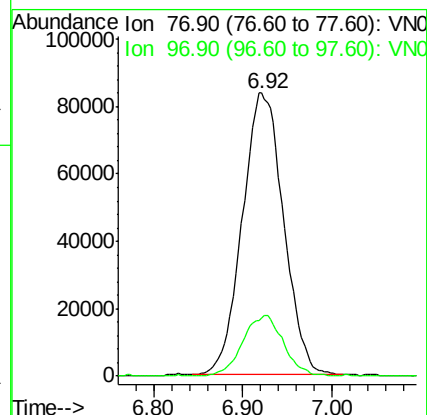
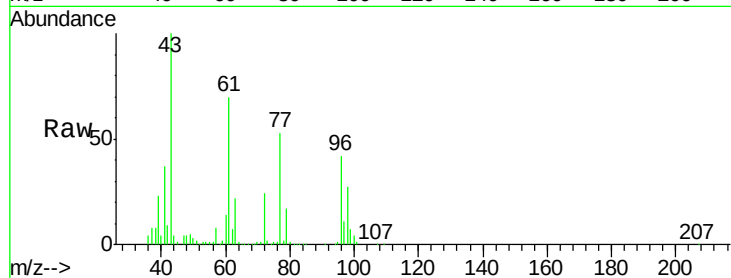




#27
 2,2-Dichloropropane
 Concen: 17.36 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

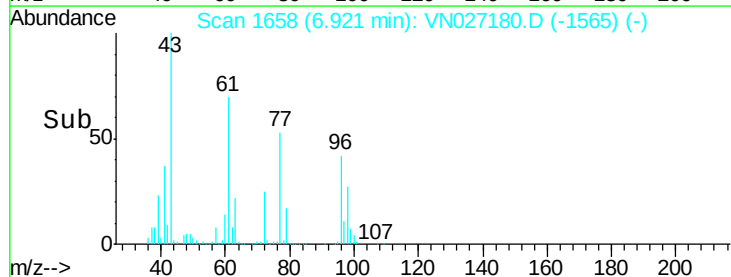
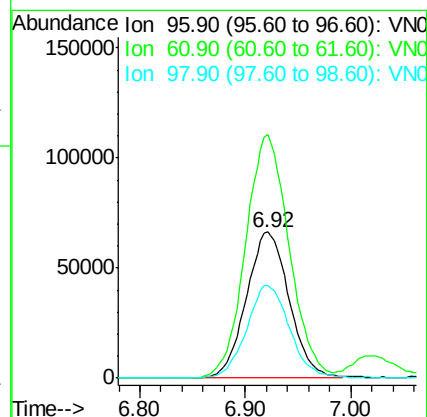
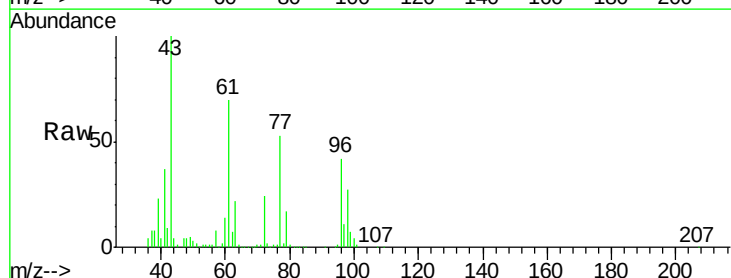
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

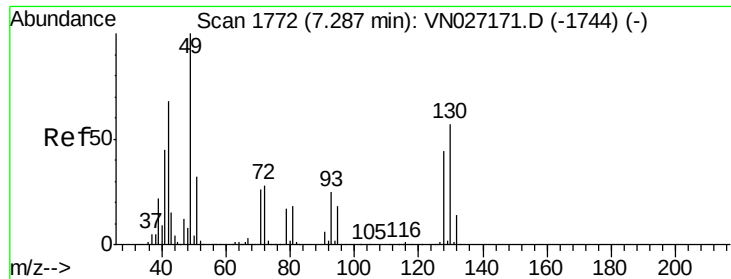
Tgt Ion: 77 Resp: 269356
 Ion Ratio Lower Upper
 77 100
 97 21.3 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 20.84 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion: 96 Resp: 187871
 Ion Ratio Lower Upper
 96 100
 61 167.9 0.0 329.2
 98 62.7 0.0 126.0





#29

Bromochloromethane

Concen: 19.28 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

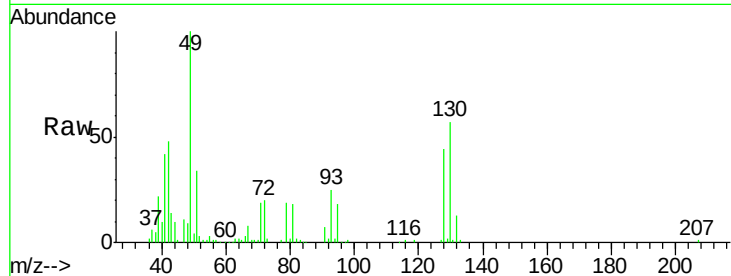
Tgt Ion: 49 Resp: 133864

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

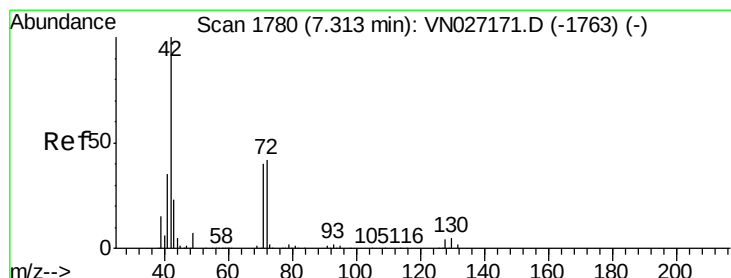
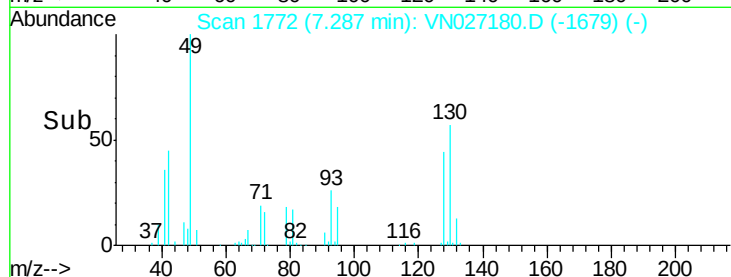
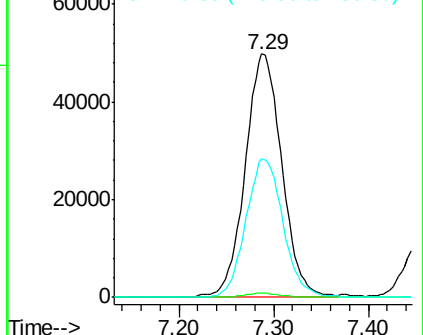
130 57.6 43.2 64.8



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



#30

Tetrahydrofuran

Concen: 96.25 ug/l

RT: 7.32 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

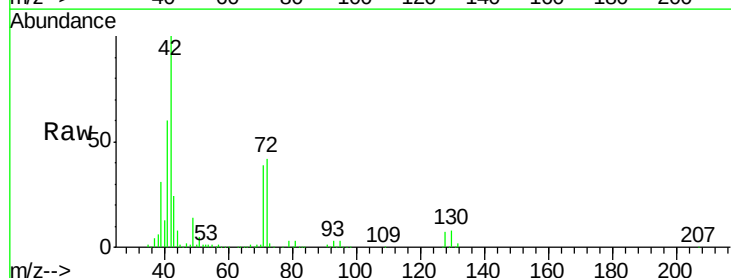
Tgt Ion: 42 Resp: 312245

Ion Ratio Lower Upper

42 100

72 43.2 29.9 44.9

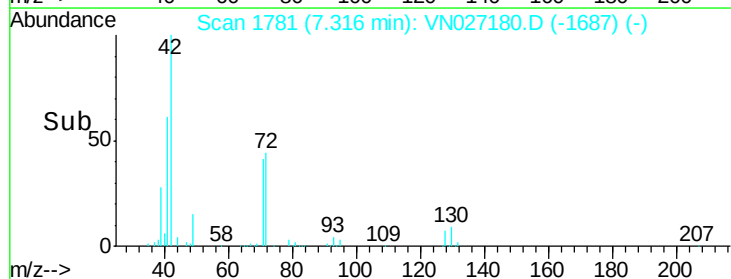
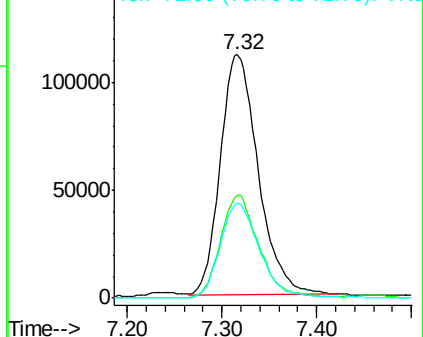
71 40.8 28.3 42.5

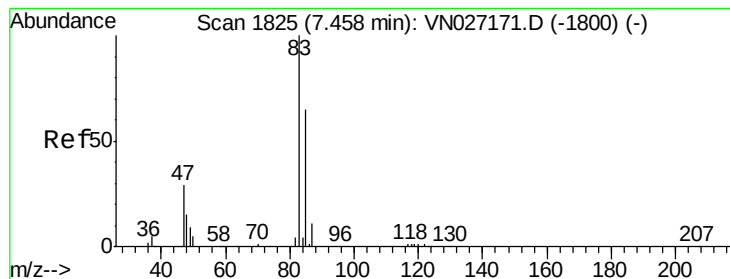


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Chloroform

Concen: 20.63 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

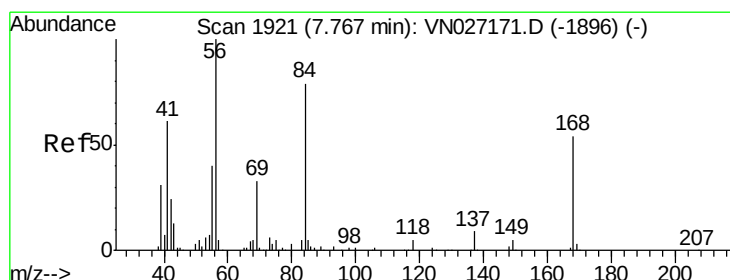
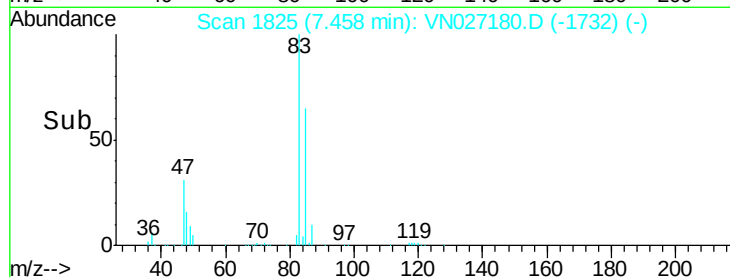
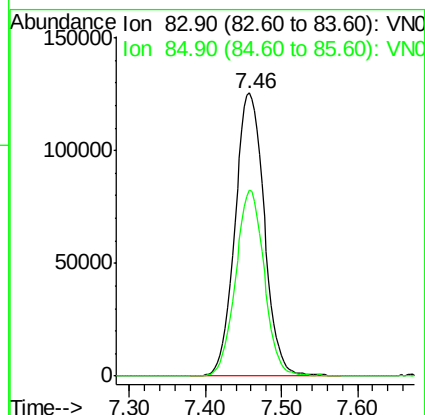
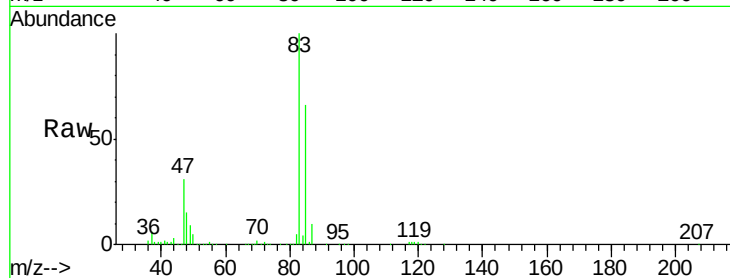
VN0915WBS01

Tgt Ion: 83 Resp: 333327

Ion Ratio Lower Upper

83 100

85 65.8 51.1 76.7



#32

Cyclohexane

Concen: 20.67 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

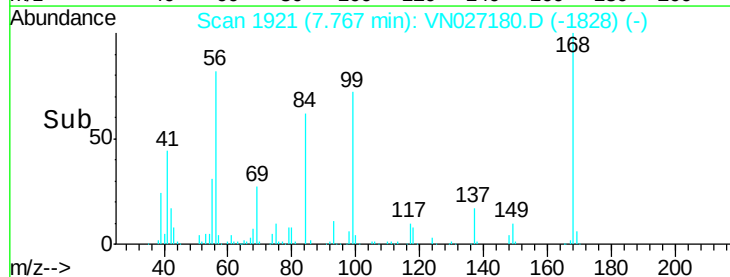
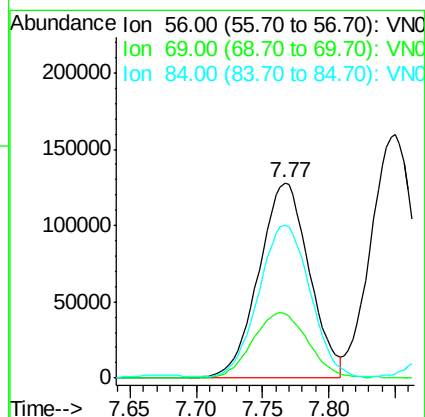
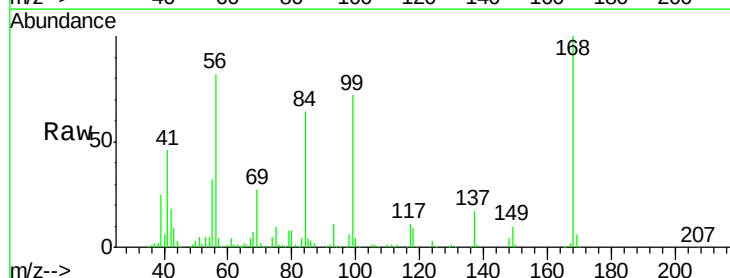
Tgt Ion: 56 Resp: 337755

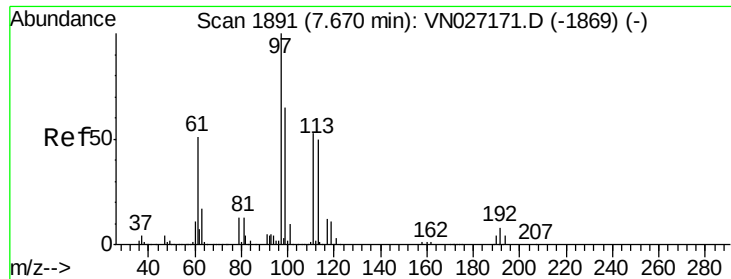
Ion Ratio Lower Upper

56 100

69 32.9 23.0 34.4

84 78.2 57.8 86.8

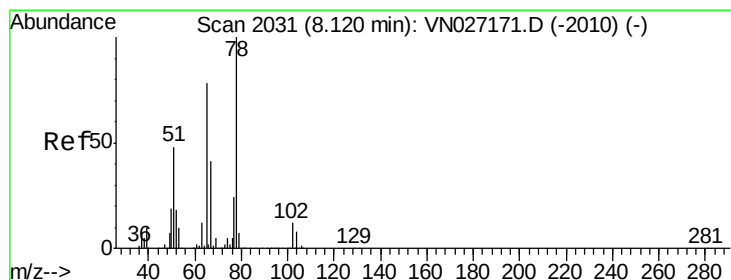
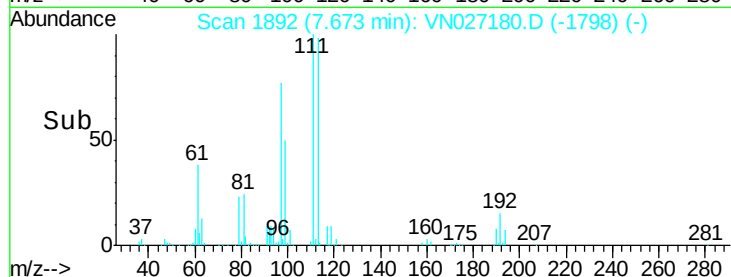
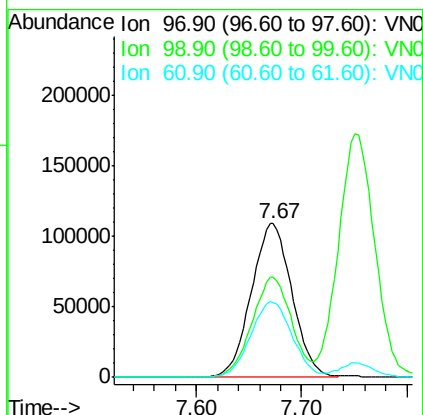
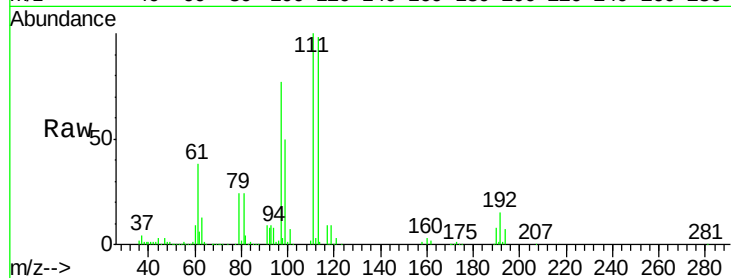




#33
 1,1,1-Trichloroethane
 Concen: 20.25 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

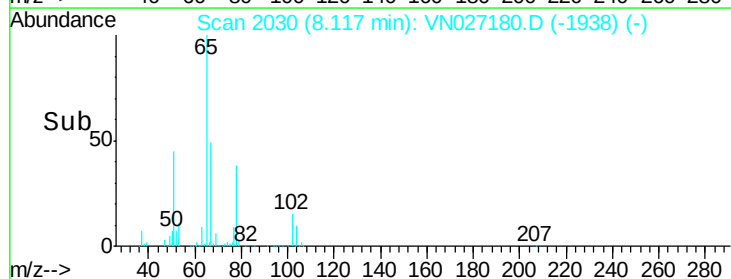
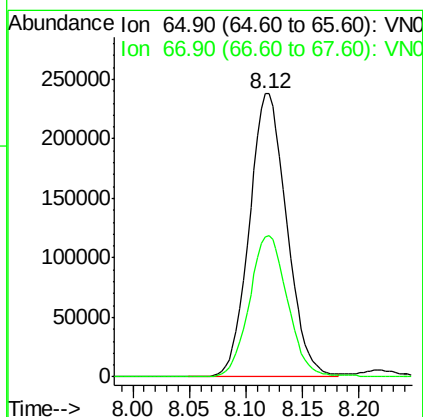
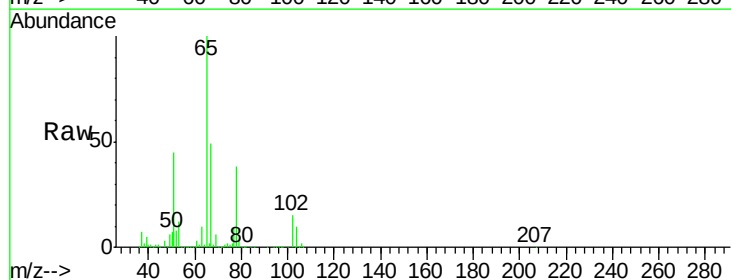
Instrument :
 MSVOA_N
 ClientSampled :
 VN0915WBS01

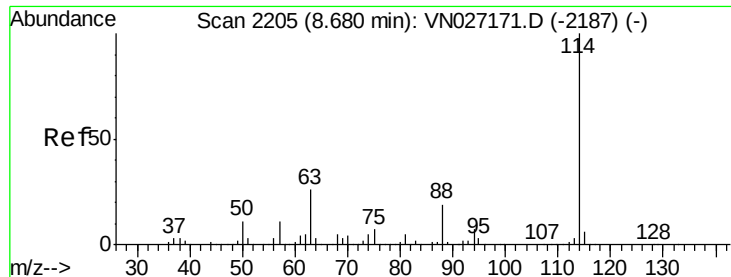
Tgt Ion	Resp	Lower	Upper
97	291734		
99	63.3	50.1	75.1
61	50.2	44.0	66.0



#34
 1,2-Dichloroethane-d4
 Concen: 47.19 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion	Resp	Lower	Upper
65	547081		
67	50.1	0.0	110.6

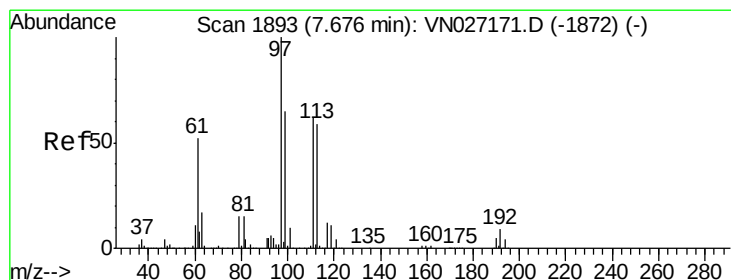
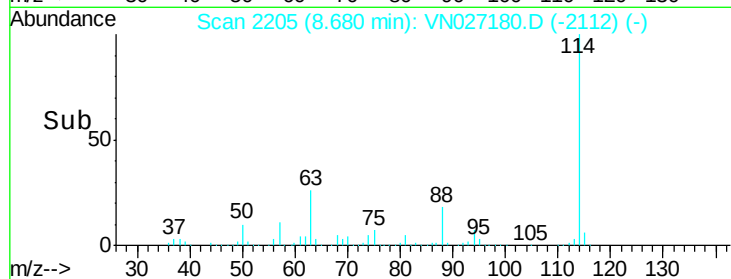
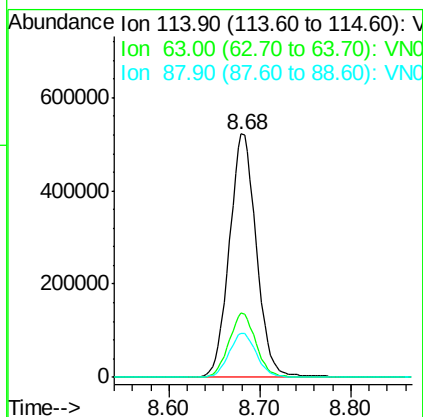
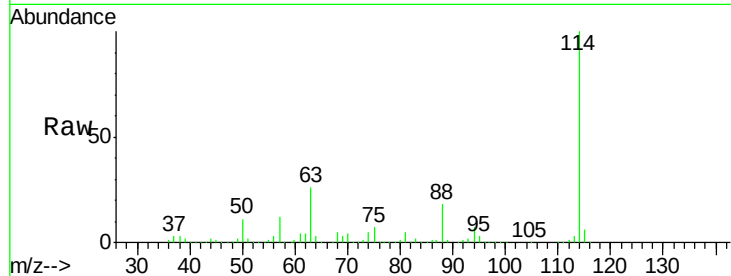




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

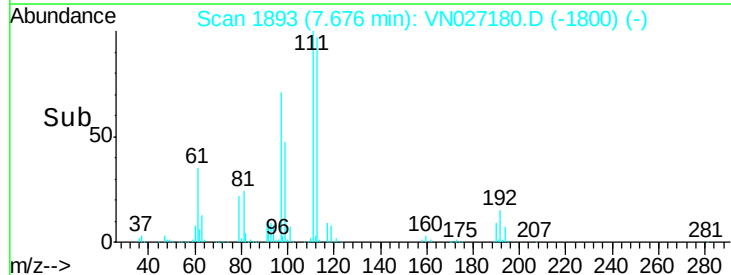
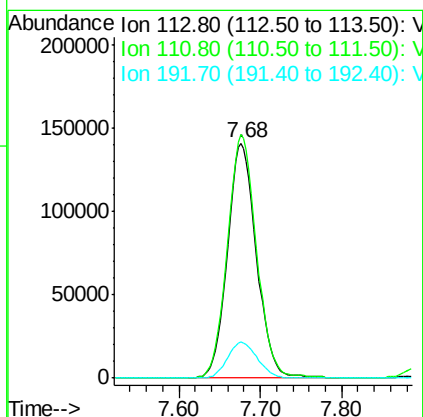
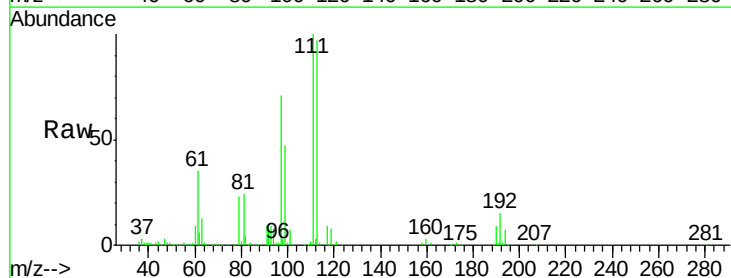
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

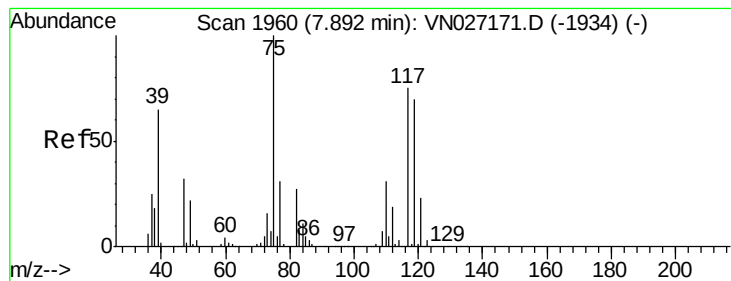
Tgt Ion:114 Resp: 1076083
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 48.8
 88 18.1 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion:113 Resp: 350253
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.0 124.4
 192 15.6 14.1 21.1





#37

1,1-Dichloropropene

Concen: 19.67 ug/l

RT: 7.89 min Scan# 1960

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

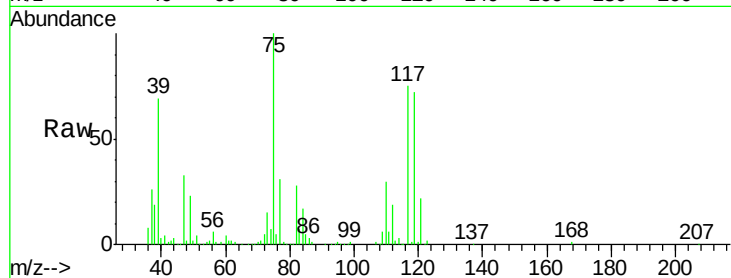
Tgt Ion: 75 Resp: 247780

Ion Ratio Lower Upper

75 100

110 31.0 15.9 47.7

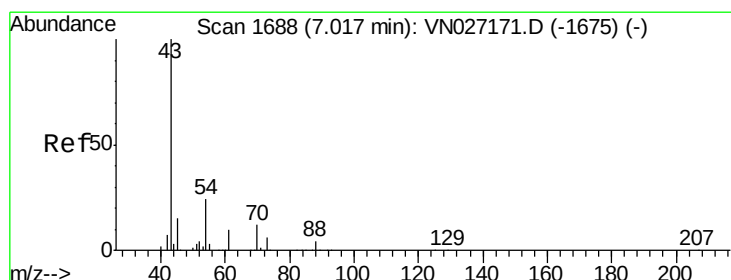
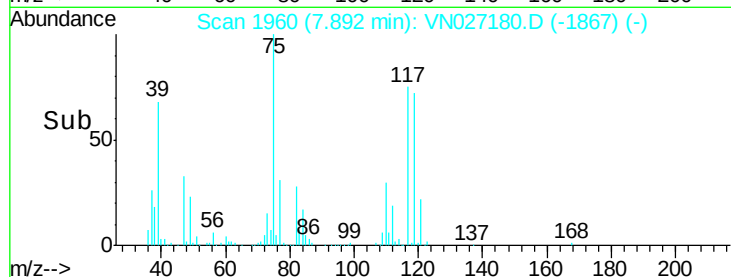
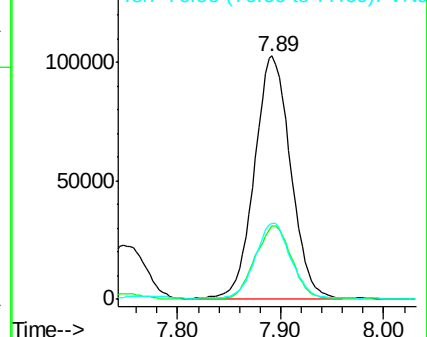
77 30.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#38

Ethyl Acetate

Concen: 19.81 ug/l

RT: 7.02 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

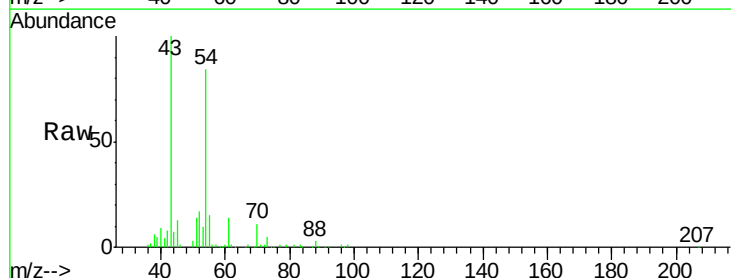
Tgt Ion: 43 Resp: 219011

Ion Ratio Lower Upper

43 100

61 12.8 10.2 15.4

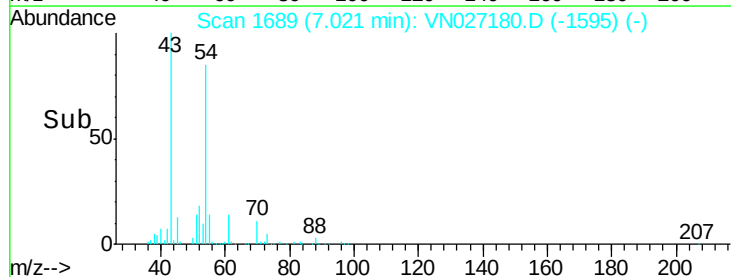
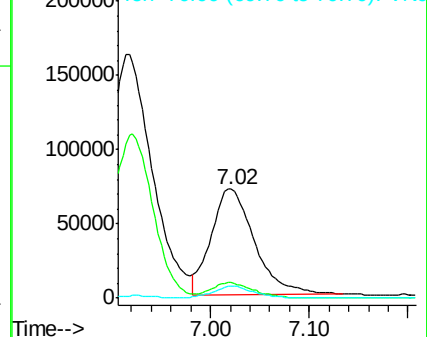
70 9.5 7.4 11.0

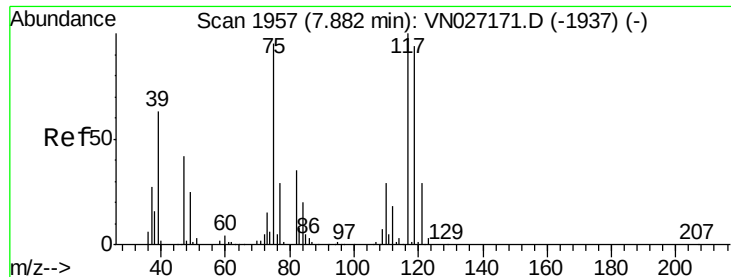


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#39

Carbon Tetrachloride

Concen: 19.69 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

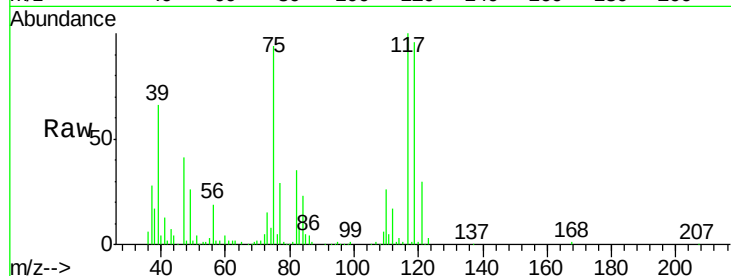
Tgt Ion: 117 Resp: 233179

Ion Ratio Lower Upper

117 100

119 96.1 75.3 112.9

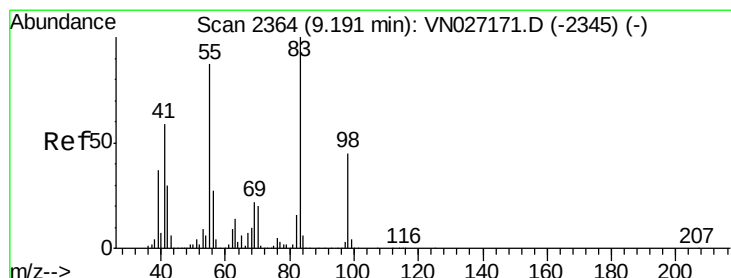
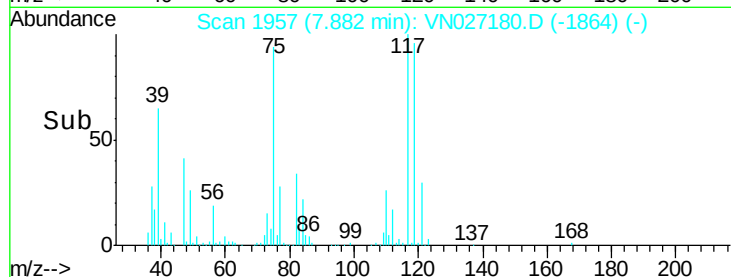
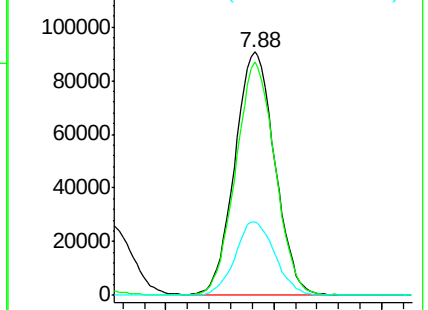
121 30.3 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Methylcyclohexane

Concen: 19.25 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

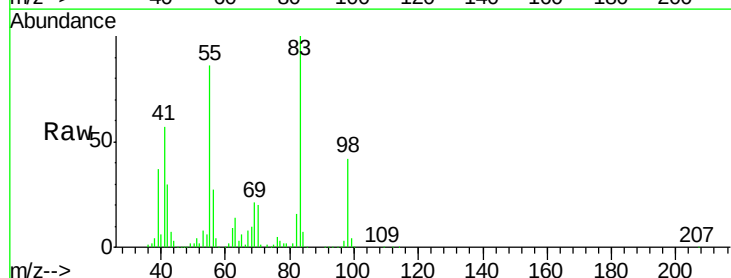
Tgt Ion: 83 Resp: 295305

Ion Ratio Lower Upper

83 100

55 85.8 69.8 104.8

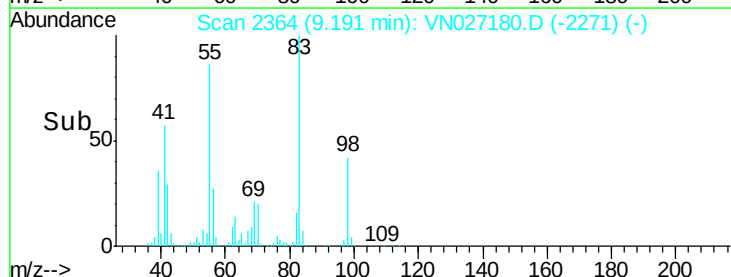
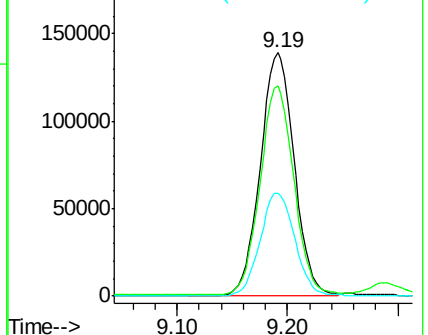
98 42.1 34.3 51.5

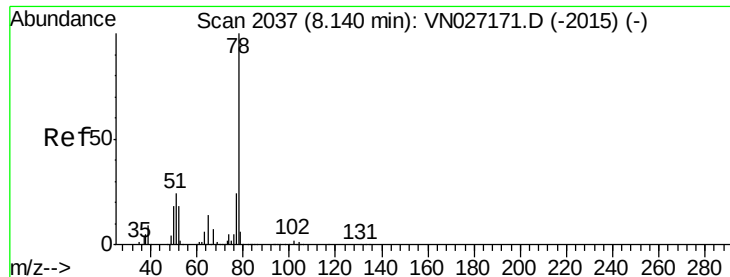


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#41

Benzene

Concen: 19.72 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

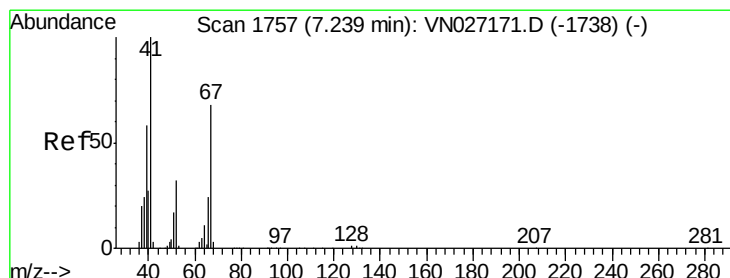
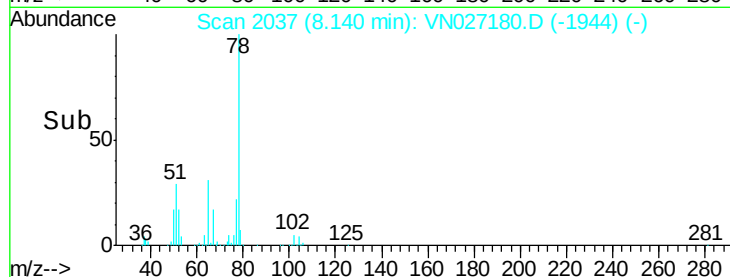
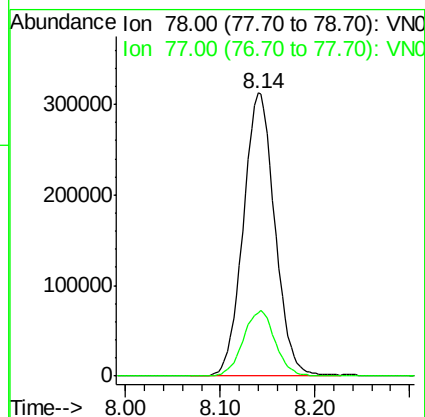
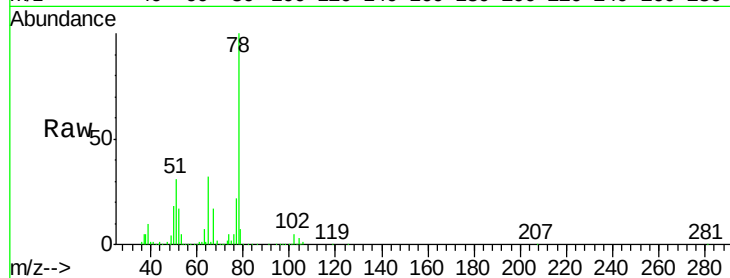
VN0915WBS01

Tgt Ion: 78 Resp: 724647

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.4



#42

Methacrylonitrile

Concen: 20.20 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Tgt Ion: 41 Resp: 122986

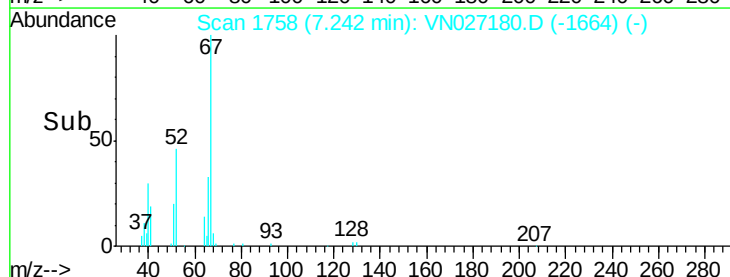
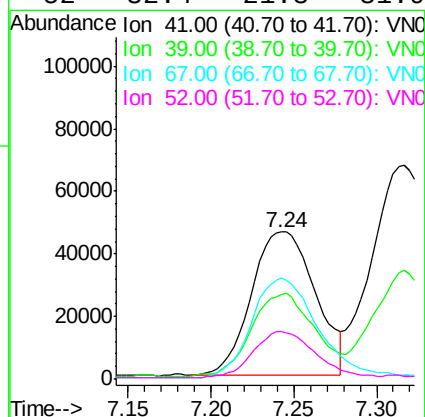
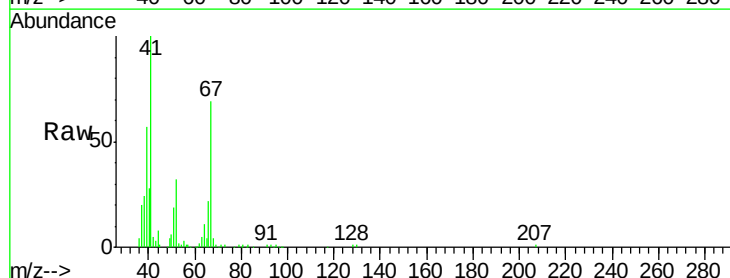
Ion Ratio Lower Upper

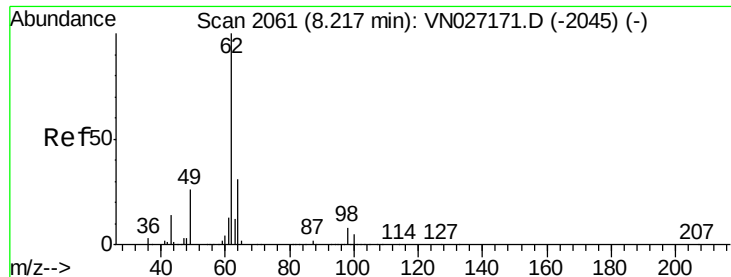
41 100

39 58.4 43.0 64.6

67 72.9 52.2 78.2

52 32.4 21.3 31.9#

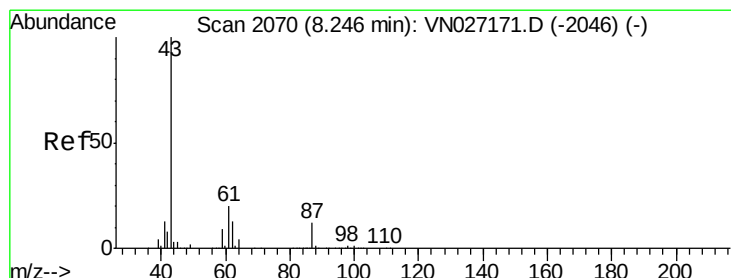
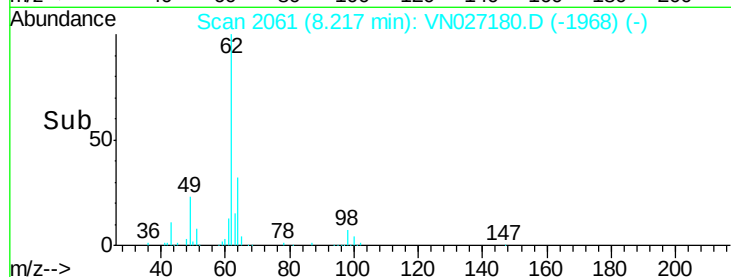
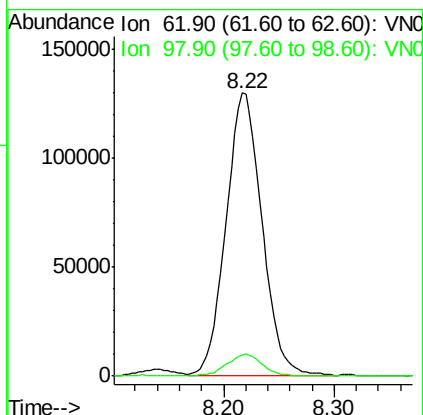
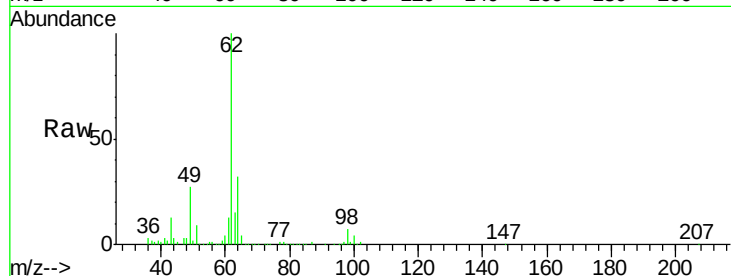




#43
 1,2-Dichloroethane
 Concen: 19.72 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

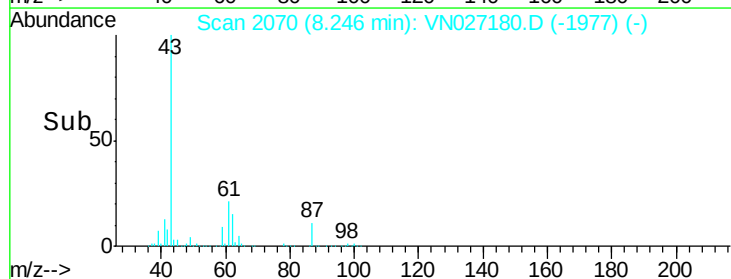
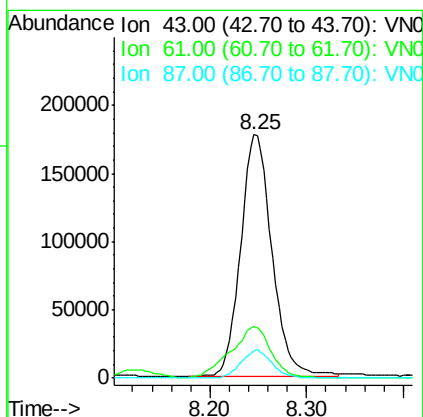
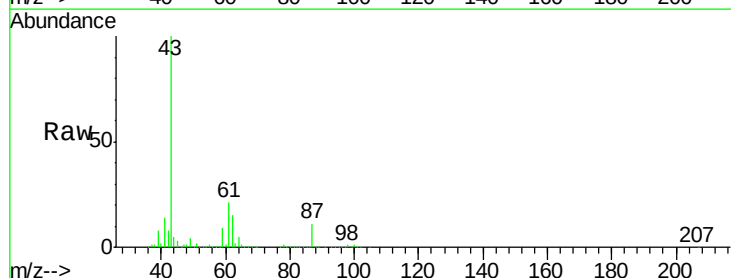
Instrument :
 MSVOA_N
 ClientSampled :
 VN0915WBS01

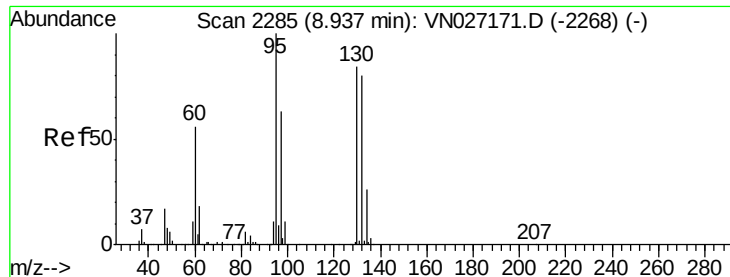
Tgt Ion: 62 Resp: 291988
 Ion Ratio Lower Upper
 62 100
 98 7.7 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 19.84 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion: 43 Resp: 399332
 Ion Ratio Lower Upper
 43 100
 61 27.1 20.6 31.0
 87 11.3 8.6 13.0





#45

Trichloroethene

Concen: 19.99 ug/l

RT: 8.94 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

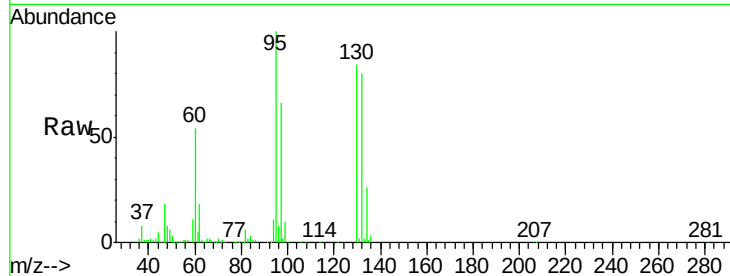
VN0915WBS01

Tgt Ion:130 Resp: 147585

Ion Ratio Lower Upper

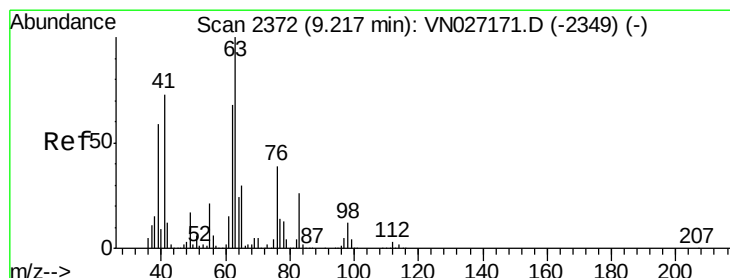
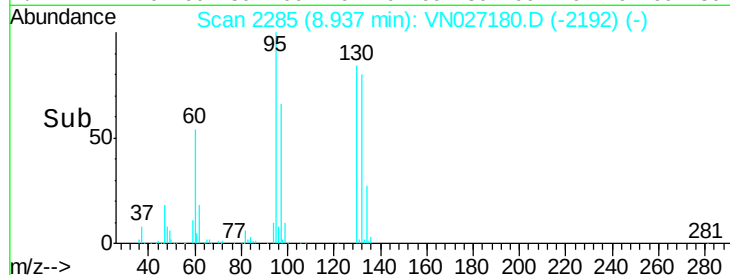
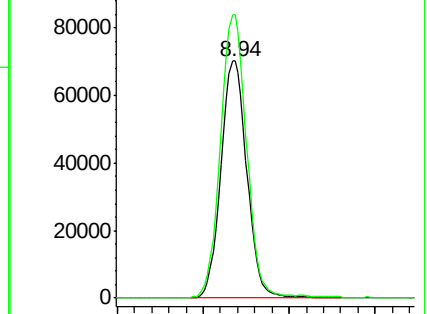
130 100

95 119.2 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: 19.45 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027180.D

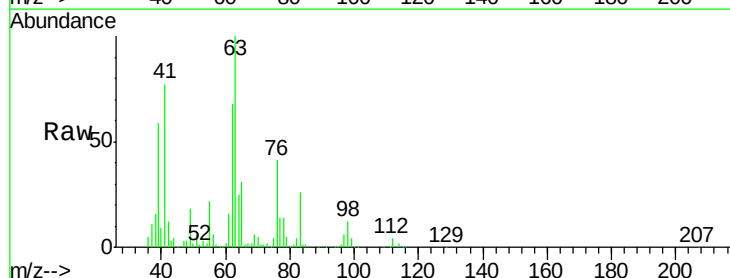
Acq: 15 Sep 2015 23:20

Tgt Ion: 63 Resp: 205617

Ion Ratio Lower Upper

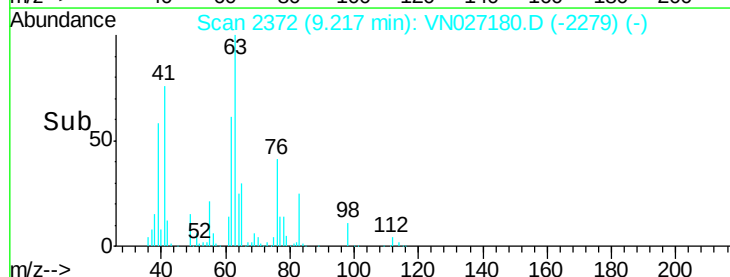
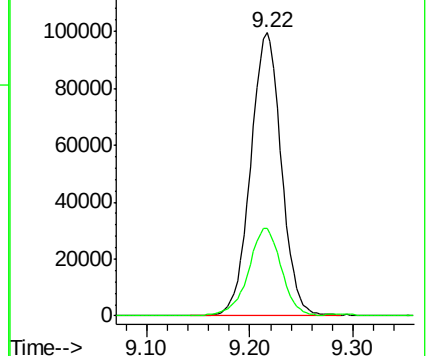
63 100

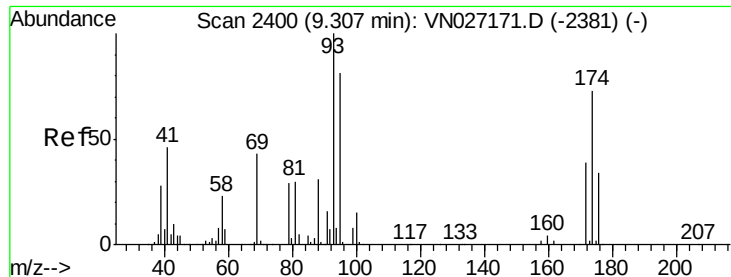
65 30.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





#47

Dibromomethane

Concen: 19.77 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

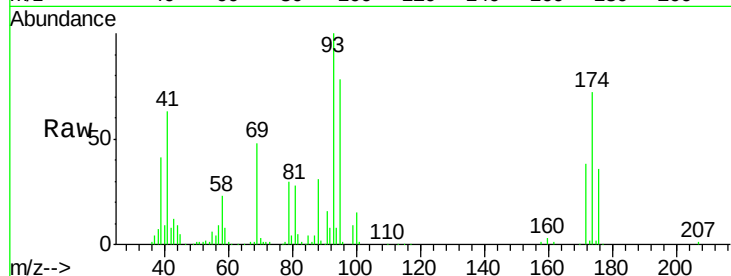
Tgt Ion: 93 Resp: 122756

Ion Ratio Lower Upper

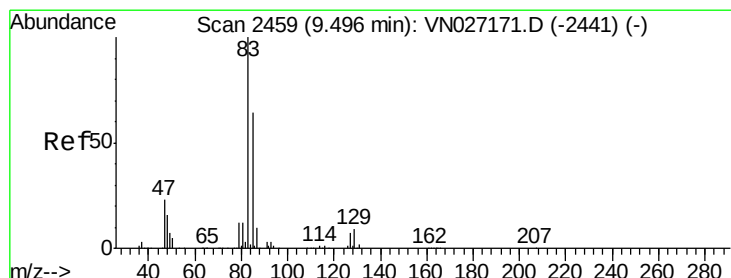
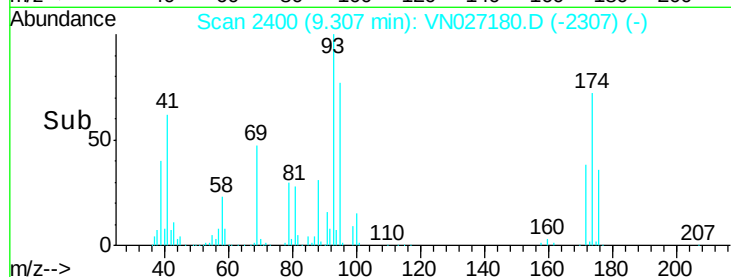
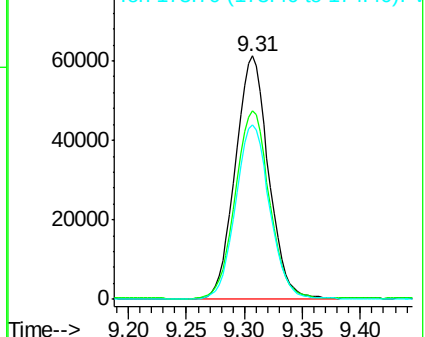
93 100

95 79.8 66.3 99.5

174 73.1 67.8 101.6



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



#48

Bromodichloromethane

Concen: 19.83 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

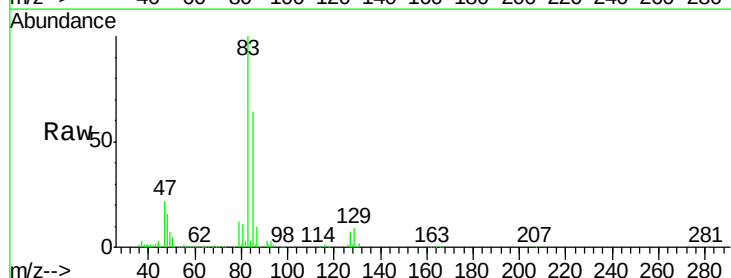
Tgt Ion: 83 Resp: 259407

Ion Ratio Lower Upper

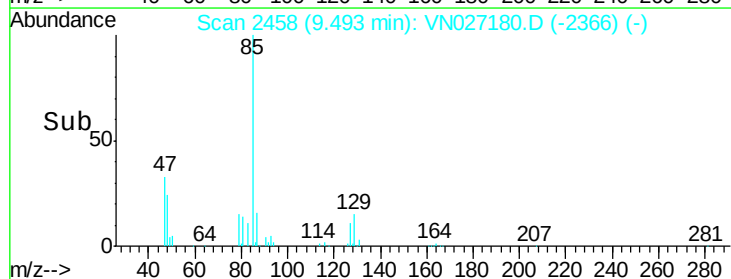
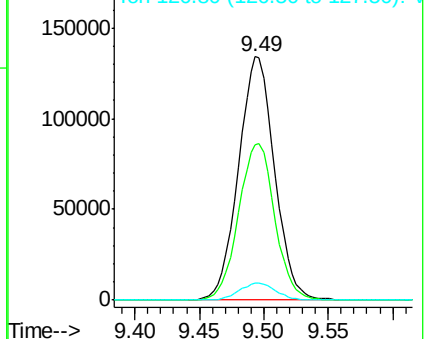
83 100

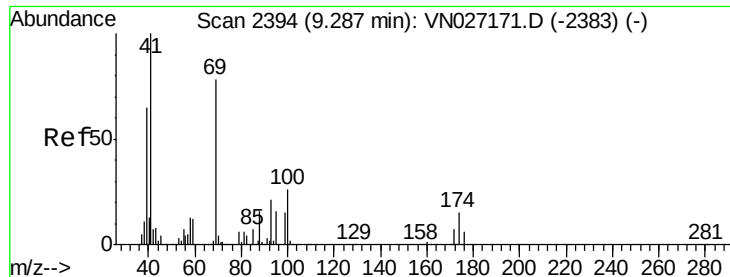
85 64.0 50.7 76.1

127 6.8 5.5 8.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

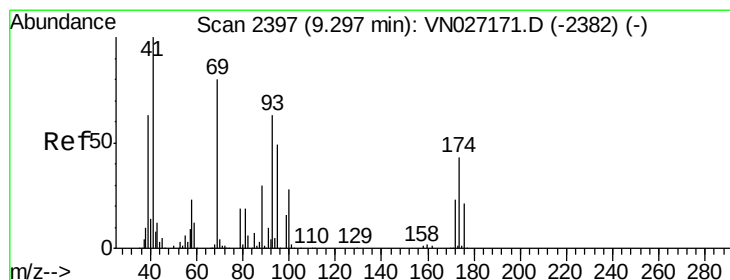
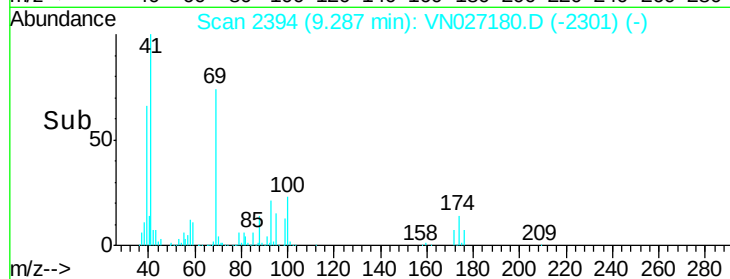
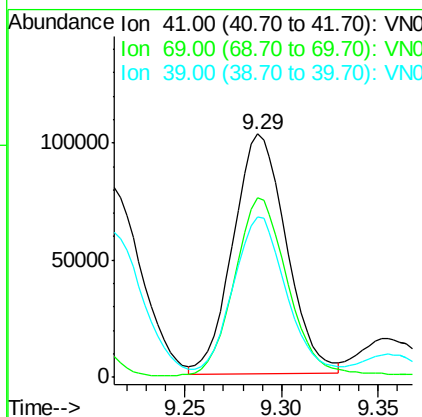
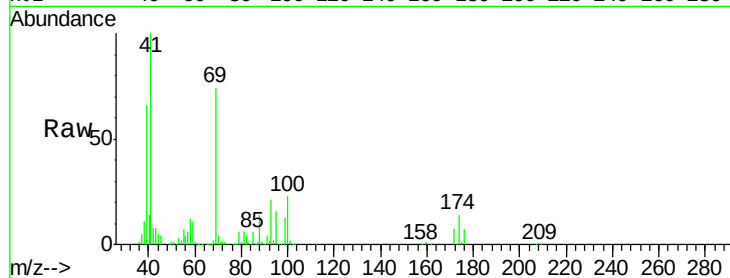




#49
Methyl methacrylate
Concen: 19.55 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

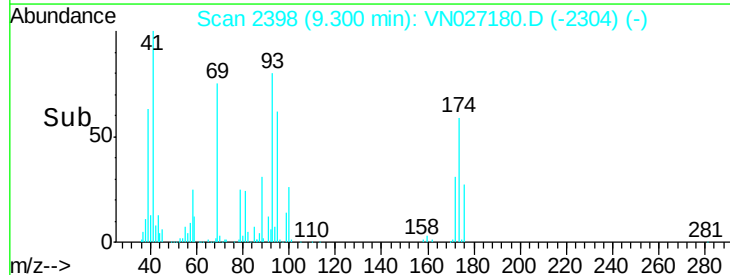
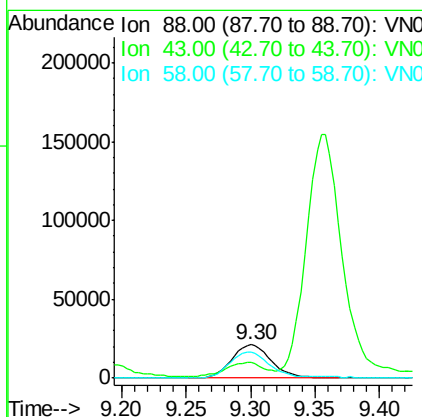
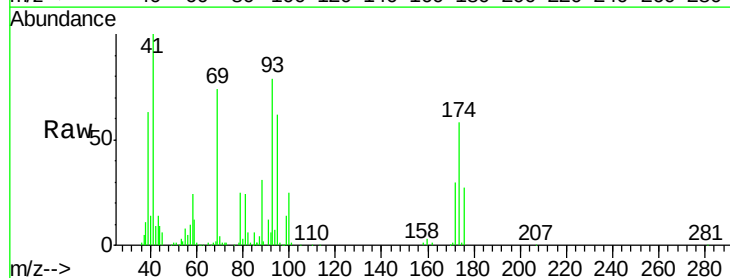
Instrument :
MSVOA_N
ClientSampled :
VN0915WBS01

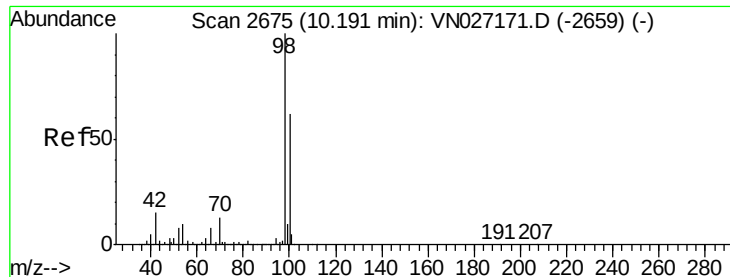
Tgt Ion: 41 Resp: 196086
Ion Ratio Lower Upper
41 100
69 74.8 59.3 88.9
39 65.4 39.5 59.3#



#50
1,4-Dioxane
Concen: 387.48 ug/l
RT: 9.30 min Scan# 2398
Delta R.T. 0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

Tgt Ion: 88 Resp: 45577
Ion Ratio Lower Upper
88 100
43 39.3 27.6 41.4
58 76.2 63.1 94.7





#51

Toluene-d8

Concen: 45.82 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

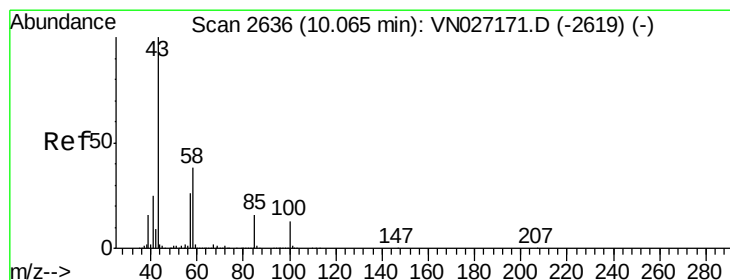
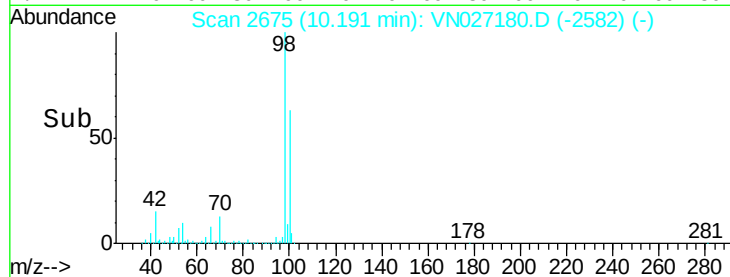
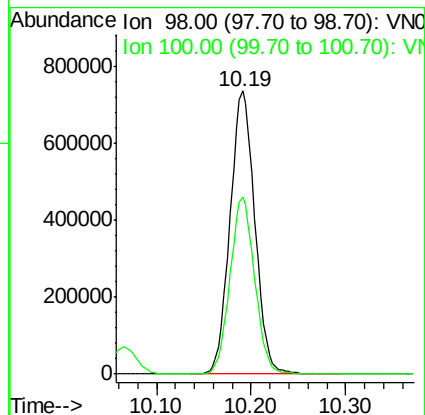
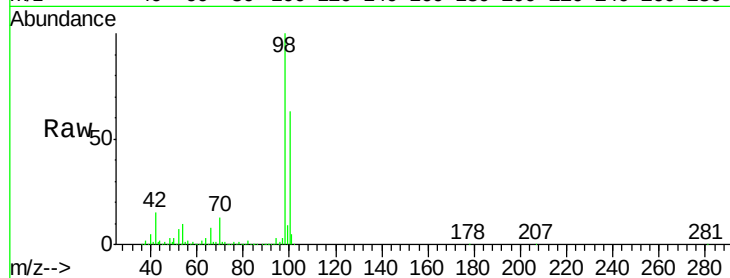
VN0915WBS01

Tgt Ion: 98 Resp: 1338172

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 98.61 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027180.D

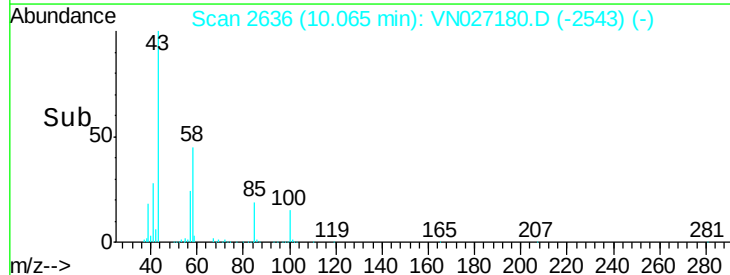
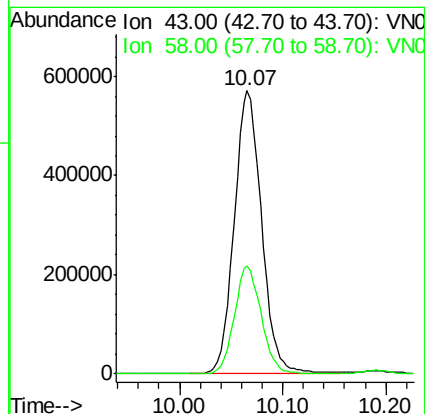
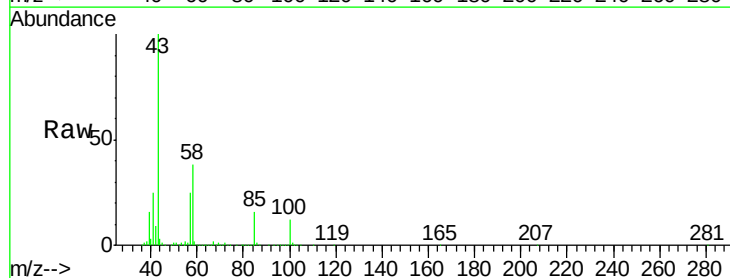
Acq: 15 Sep 2015 23:20

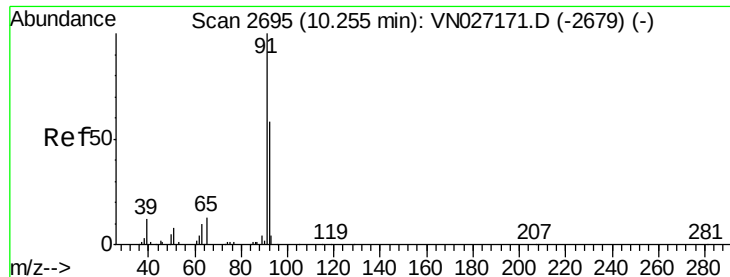
Tgt Ion: 43 Resp: 1049500

Ion Ratio Lower Upper

43 100

58 37.6 29.8 44.8





#53

Toluene

Concen: 19.41 ug/l

RT: 10.26 min Scan# 2696

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

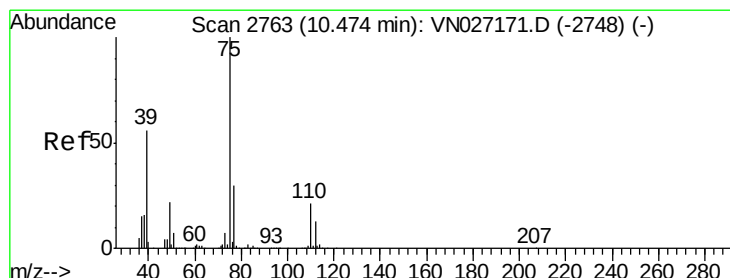
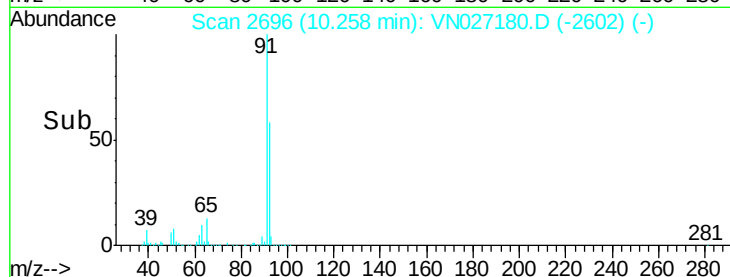
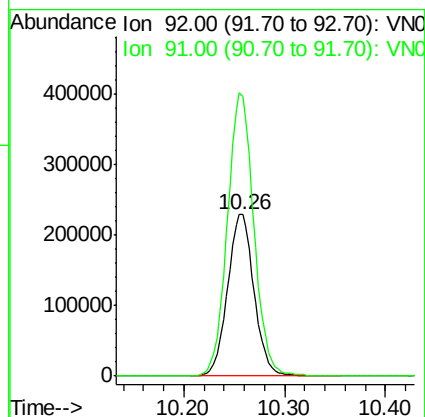
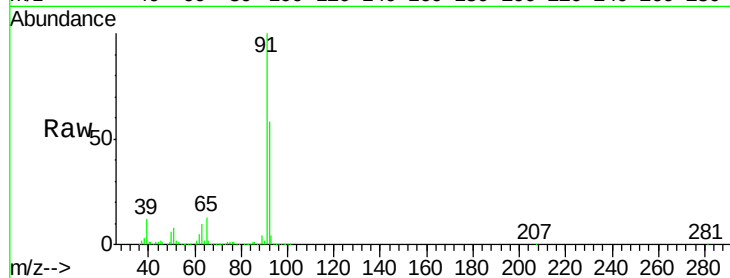
VN0915WBS01

Tgt Ion: 92 Resp: 417917

Ion Ratio Lower Upper

92 100

91 175.1 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 18.95 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027180.D

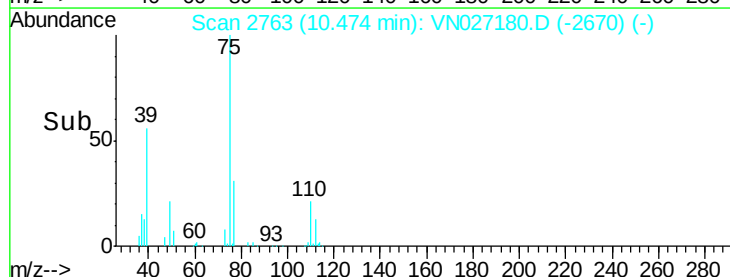
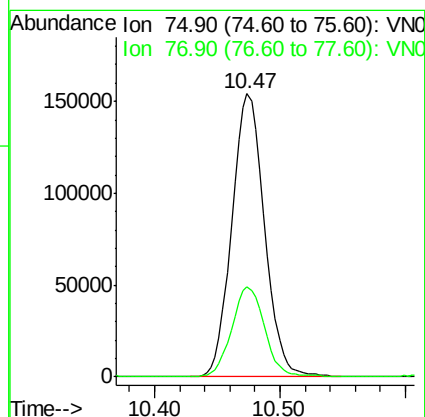
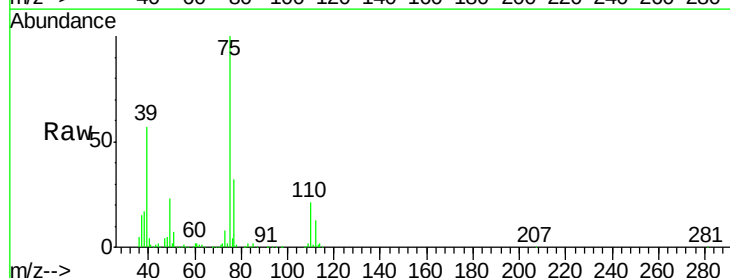
Acq: 15 Sep 2015 23:20

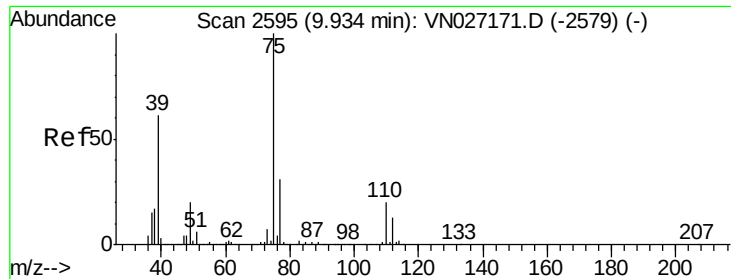
Tgt Ion: 75 Resp: 278502

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 19.07 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

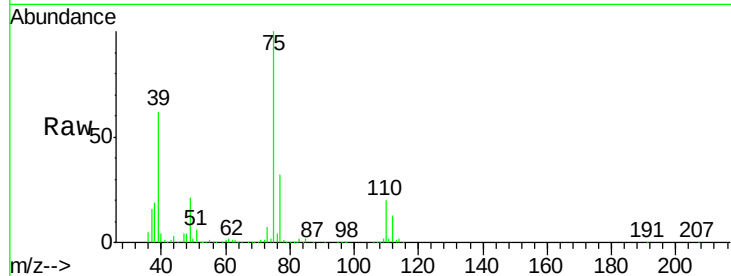
Tgt Ion: 75 Resp: 304810

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

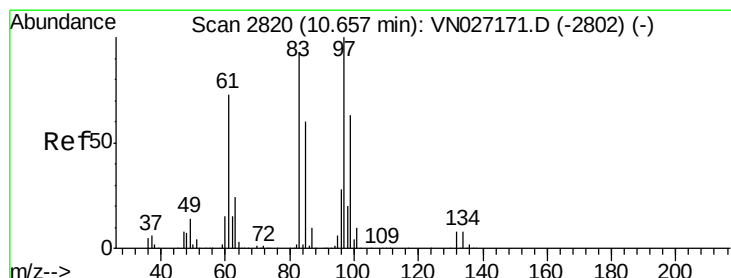
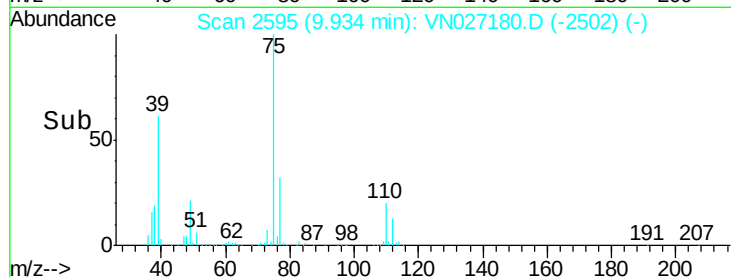
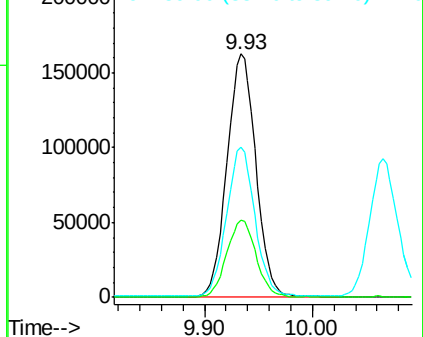
39 61.2 41.6 62.4



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: 20.34 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Tgt Ion: 97 Resp: 164574

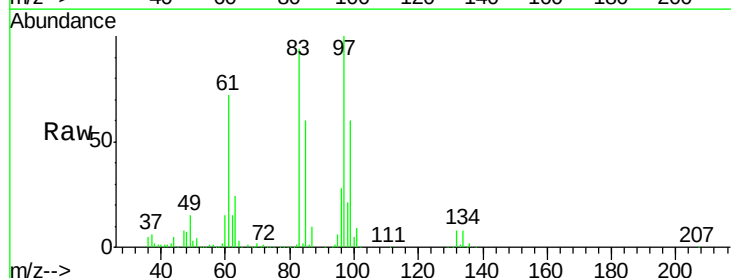
Ion Ratio Lower Upper

97 100

83 93.3 75.0 112.4

85 59.3 48.0 72.0

99 60.0 50.3 75.5

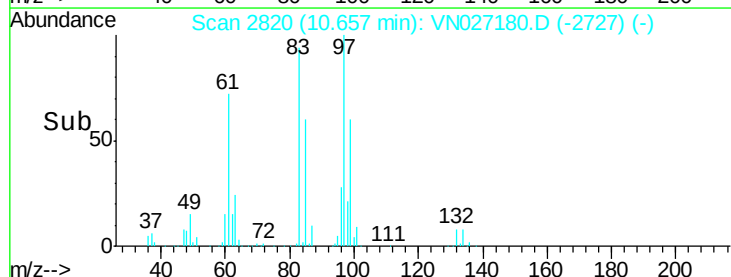
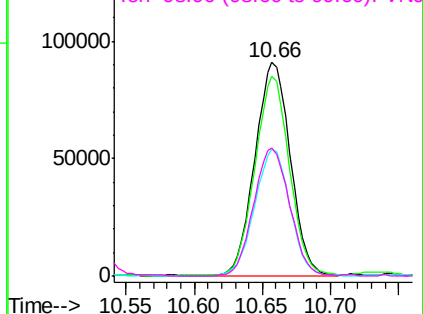


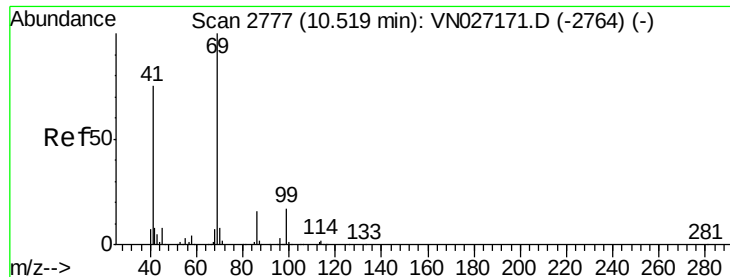
Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 19.49 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

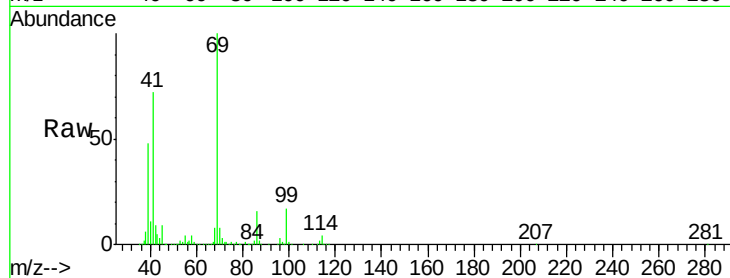
Tgt Ion: 69 Resp: 265697

Ion Ratio Lower Upper

69 100

41 73.1 61.3 91.9

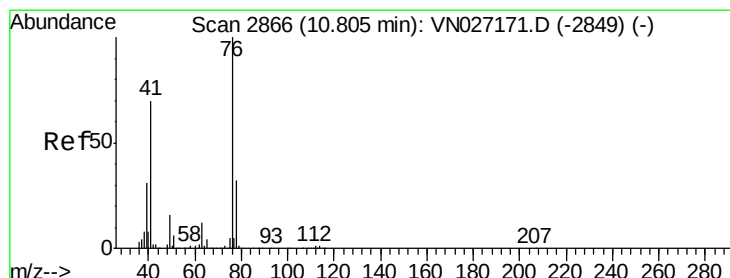
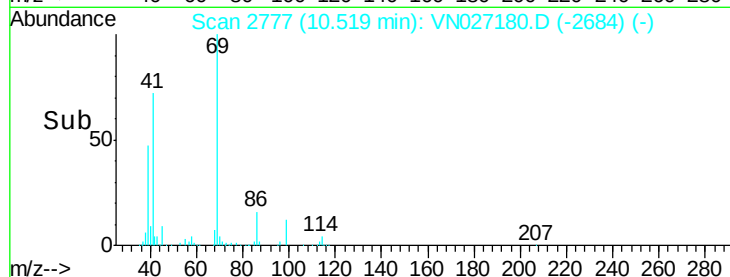
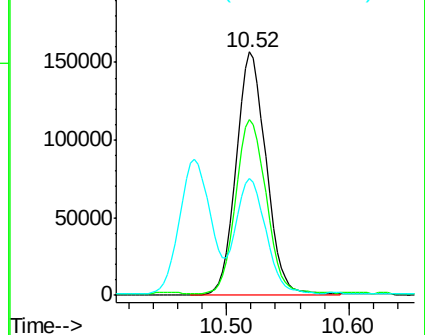
39 46.5 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

1,3-Dichloropropane

Concen: 19.79 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027180.D

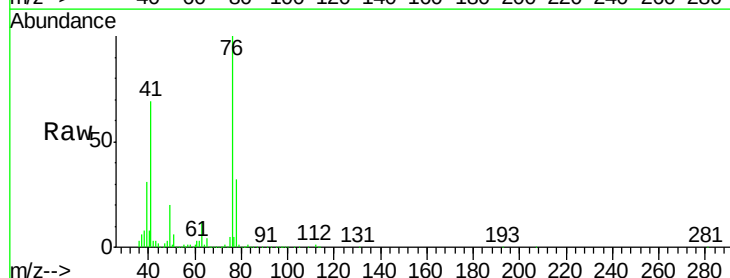
Acq: 15 Sep 2015 23:20

Tgt Ion: 76 Resp: 297175

Ion Ratio Lower Upper

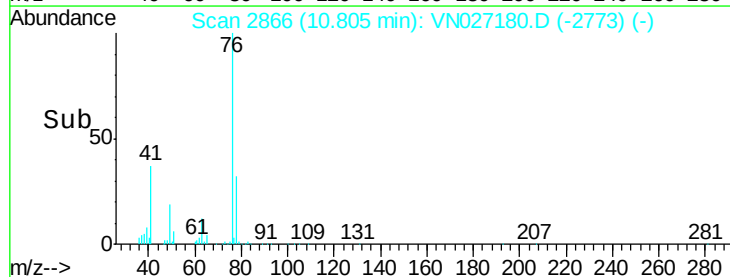
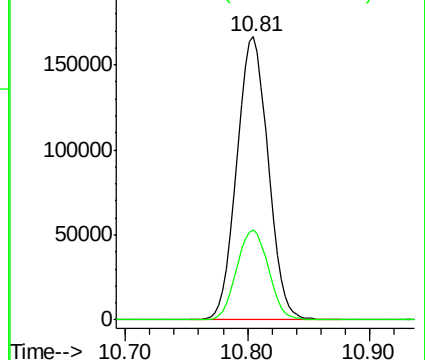
76 100

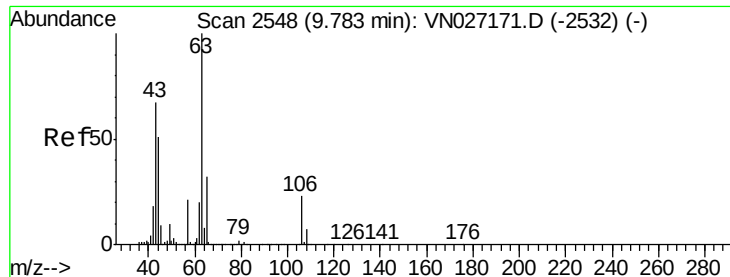
78 32.4 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

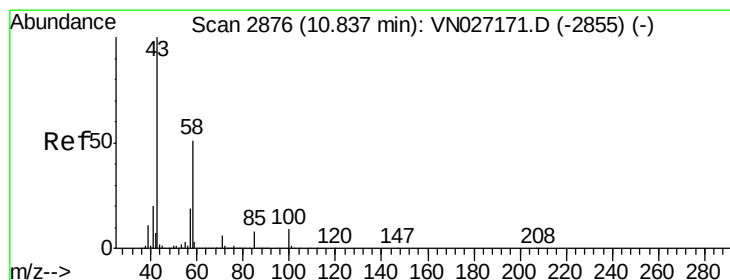
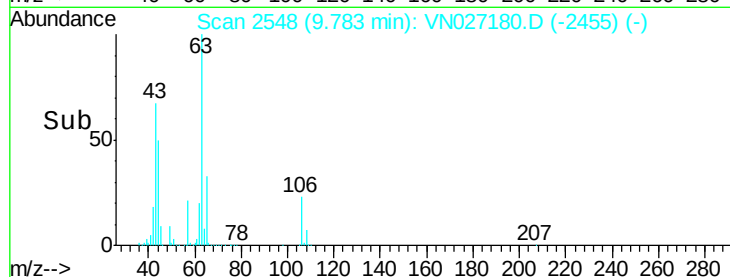
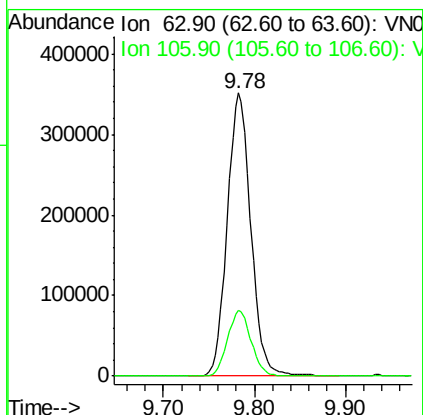
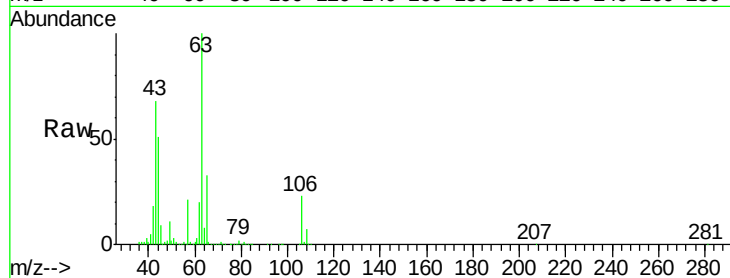




#59
 2-Chloroethyl Vinyl ether
 Concen: 101.18 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

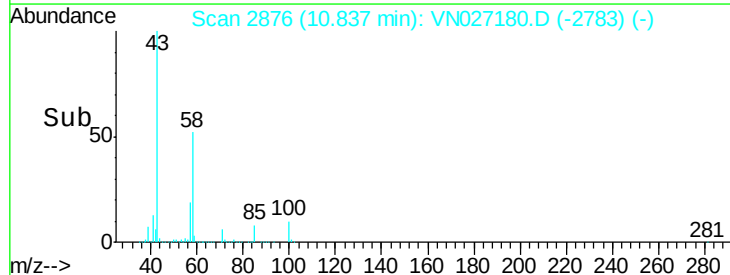
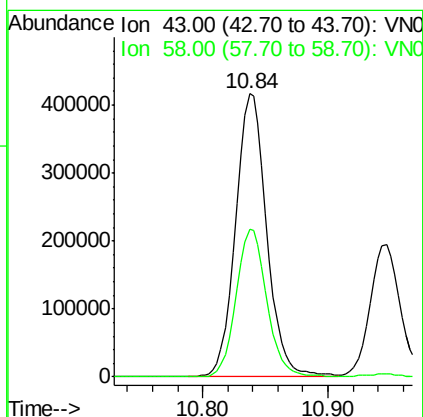
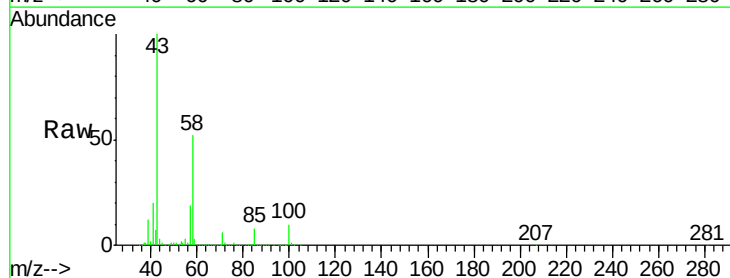
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

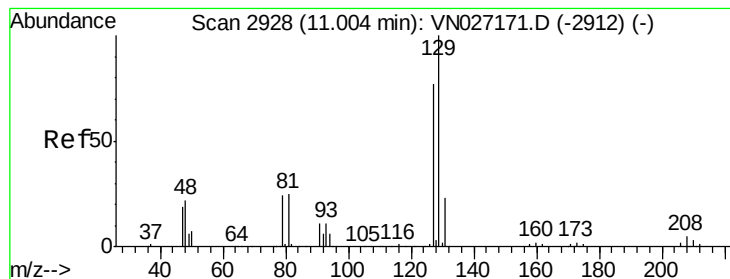
Tgt Ion: 63 Resp: 633403
 Ion Ratio Lower Upper
 63 100
 106 23.4 17.7 26.5



#60
 2-Hexanone
 Concen: 98.09 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion: 43 Resp: 710790
 Ion Ratio Lower Upper
 43 100
 58 52.2 26.2 78.5





#61

Dibromochloromethane

Concen: 19.48 ug/l

RT: 11.00 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

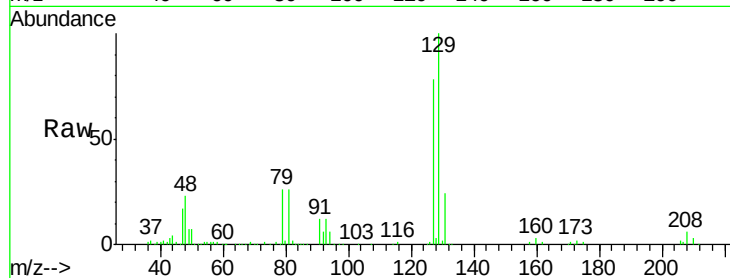
VN0915WBS01

Tgt Ion:129 Resp: 160957

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.00

80000

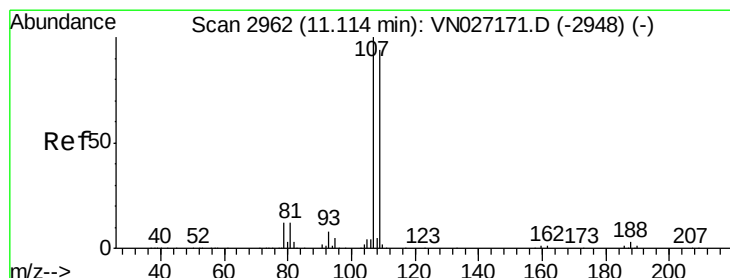
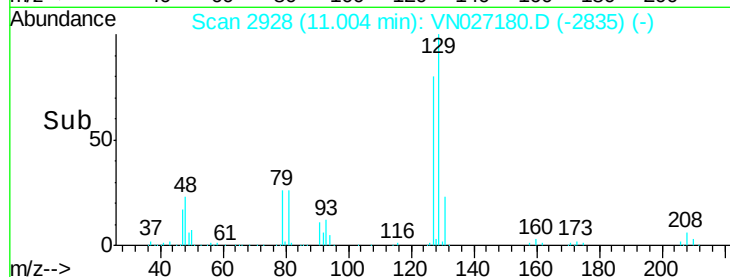
60000

40000

20000

0

Time-->



#62

1,2-Dibromoethane

Concen: 19.40 ug/l

RT: 11.11 min Scan# 2962

Delta R.T. 0.00 min

Lab File: VN027180.D

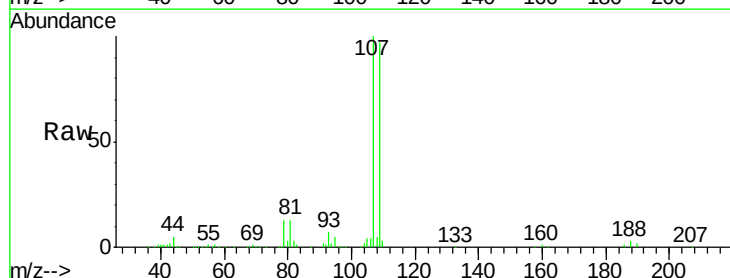
Acq: 15 Sep 2015 23:20

Tgt Ion:107 Resp: 154205

Ion Ratio Lower Upper

107 100

109 95.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.11

80000

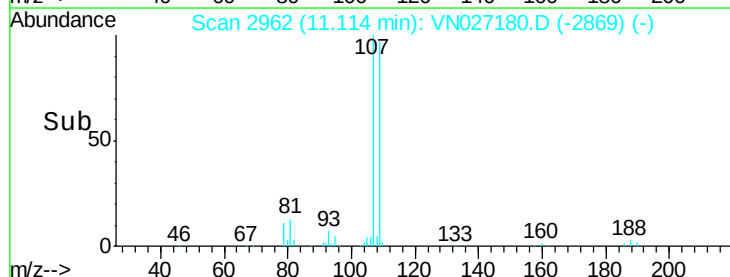
60000

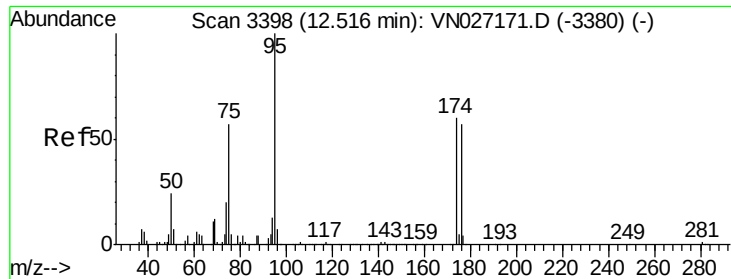
40000

20000

0

Time-->

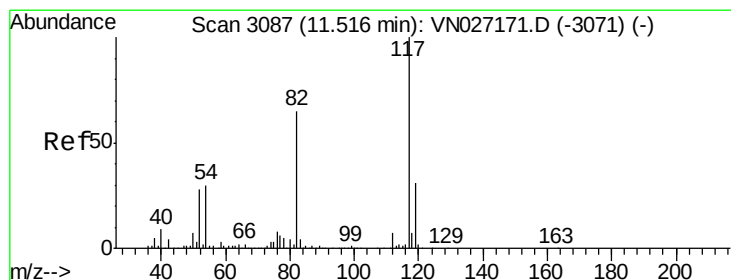
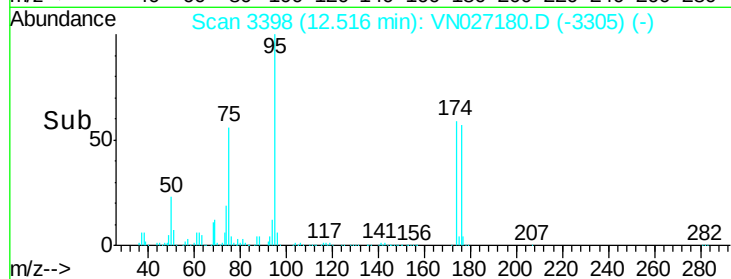
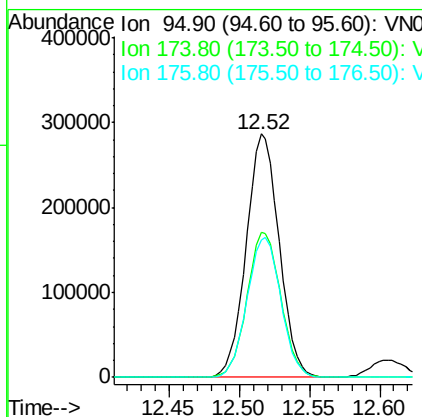
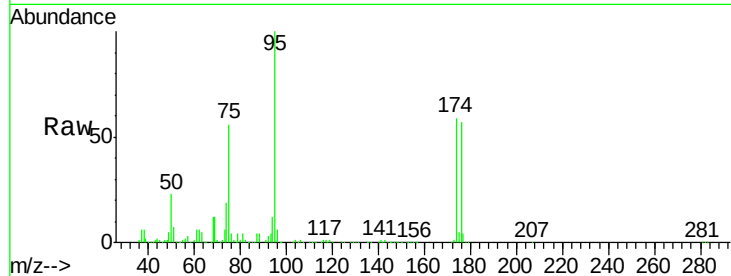




#63
 4-Bromofluorobenzene
 Concen: 45.25 ug/l
 RT: 12.52 min Scan# 3398
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

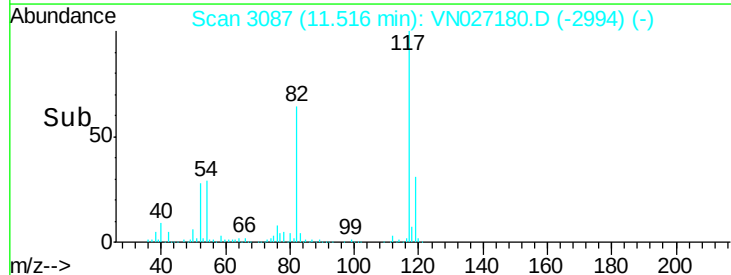
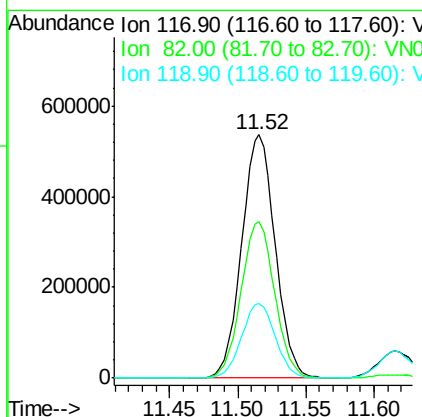
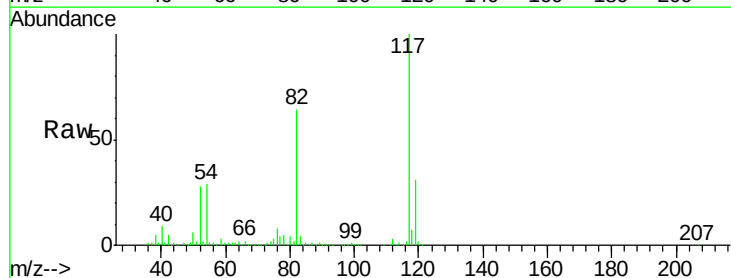
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

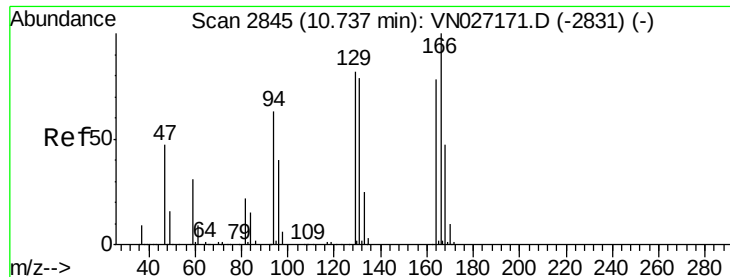
Tgt Ion: 95 Resp: 469051
 Ion Ratio Lower Upper
 95 100
 174 60.9 0.0 137.0
 176 59.0 0.0 130.8



#64
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion: 117 Resp: 913507
 Ion Ratio Lower Upper
 117 100
 82 64.1 49.6 74.4
 119 30.7 24.6 36.8





#65

Tetrachloroethene

Concen: 20.23 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

Tgt Ion:164 Resp: 118187

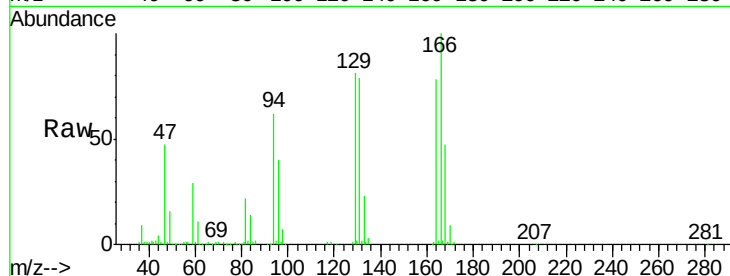
Ion Ratio Lower Upper

164 100

166 128.1 103.4 155.0

129 103.7 77.5 116.3

131 100.8 74.2 111.4

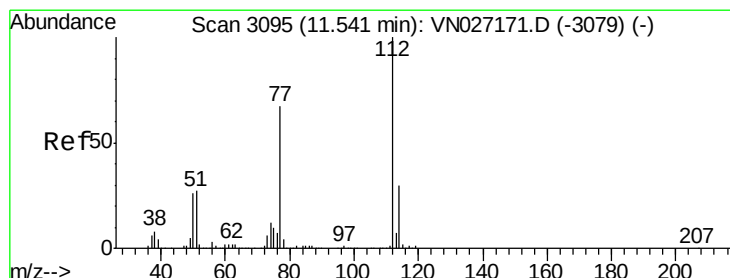
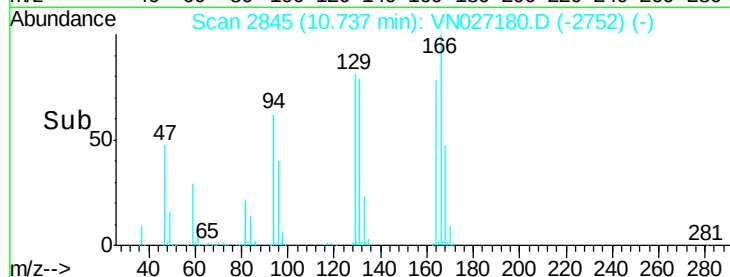
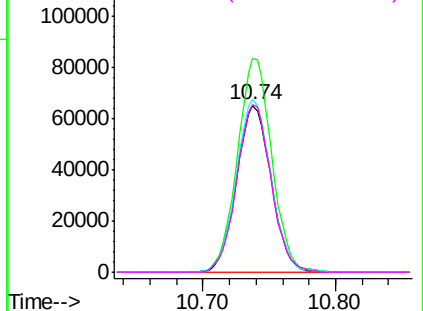


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#66

Chlorobenzene

Concen: 19.38 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027180.D

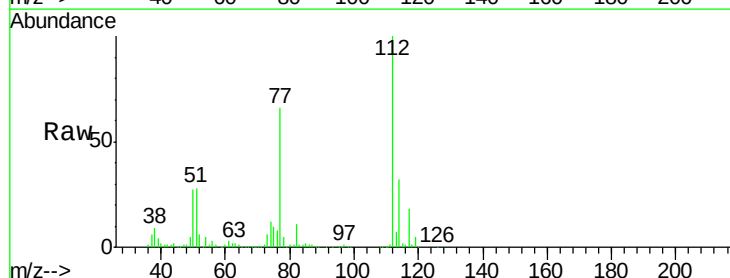
Acq: 15 Sep 2015 23:20

Tgt Ion:112 Resp: 417948

Ion Ratio Lower Upper

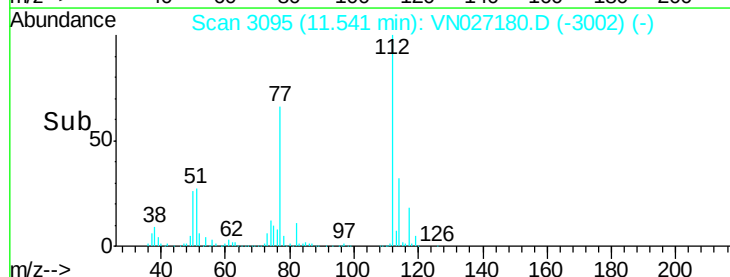
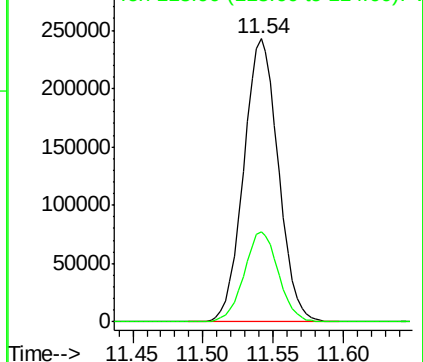
112 100

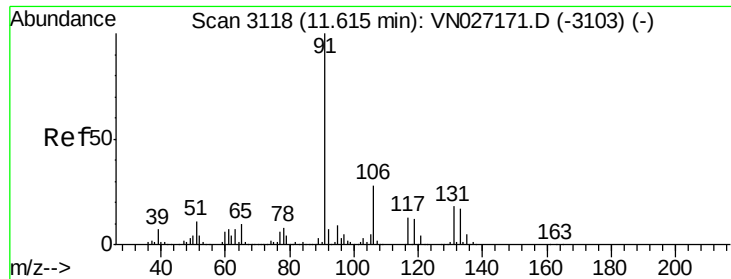
114 32.0 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

1,1,1,2-Tetrachloroethane

Concen: 19.89 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

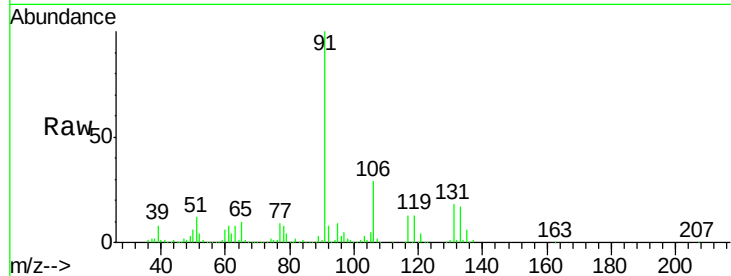
Tgt Ion:131 Resp: 146326

Ion Ratio Lower Upper

131 100

133 95.2 47.0 141.2

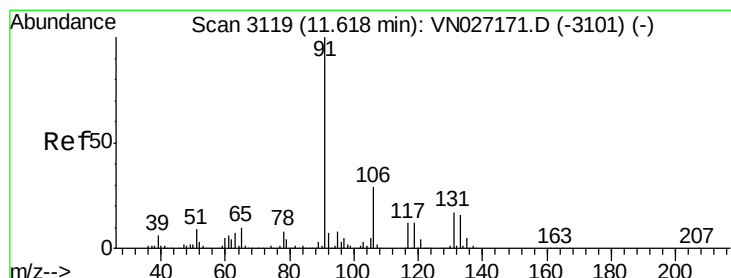
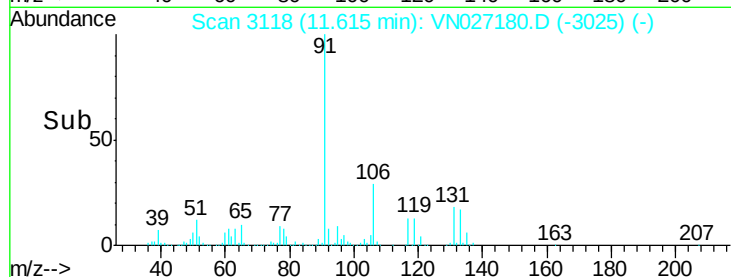
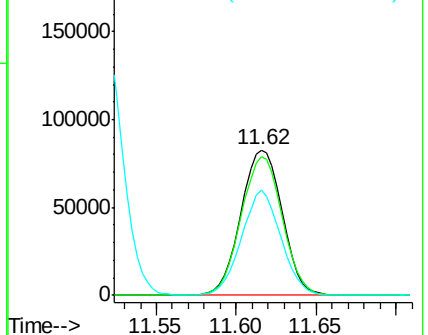
119 69.1 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 19.36 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027180.D

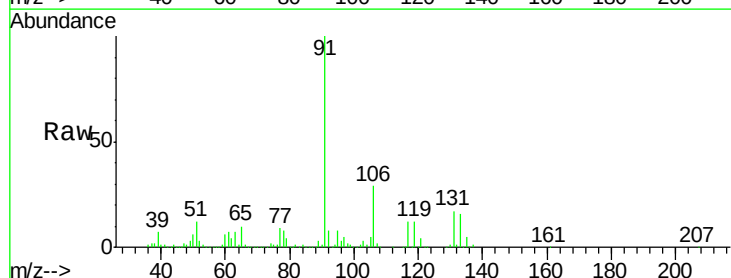
Acq: 15 Sep 2015 23:20

Tgt Ion: 91 Resp: 791867

Ion Ratio Lower Upper

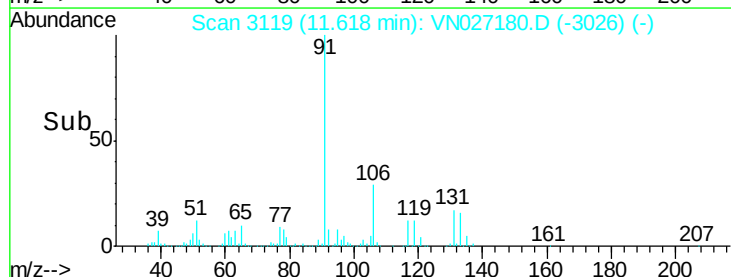
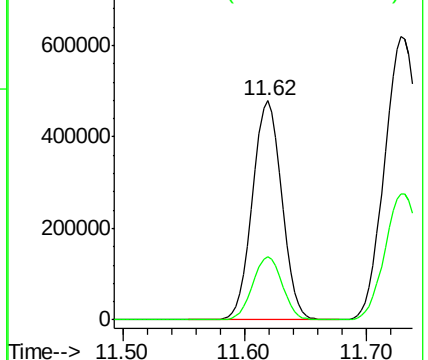
91 100

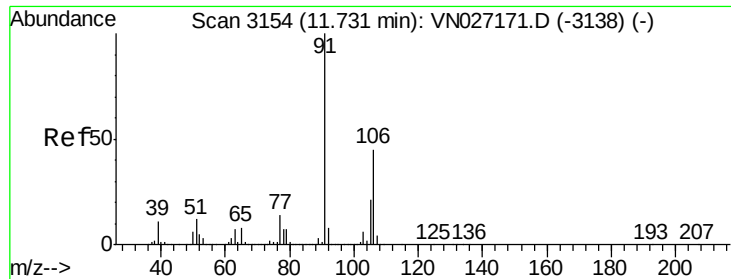
106 28.7 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

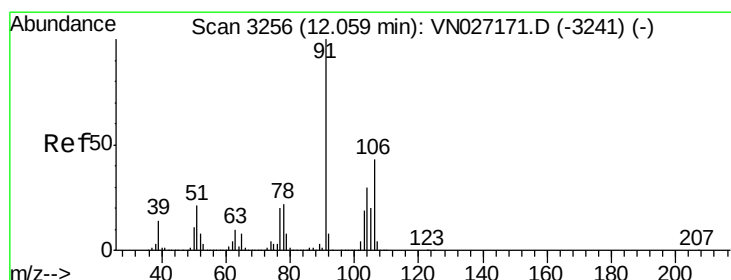
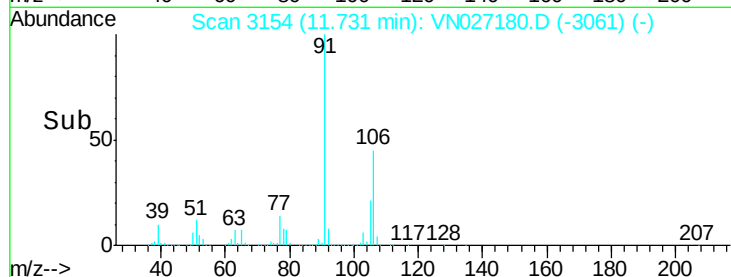
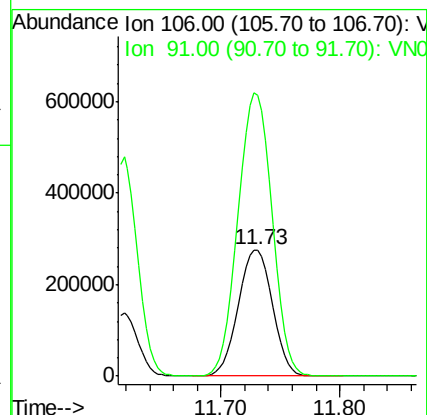
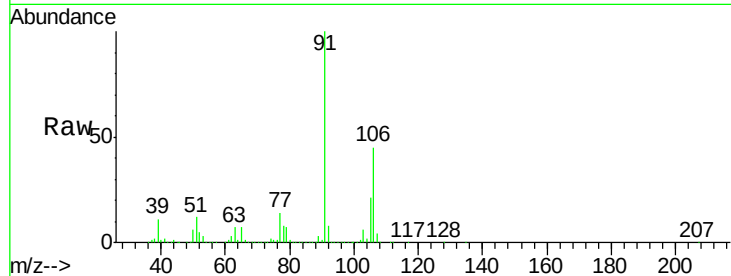




#69
m/p-Xylenes
Concen: 39.09 ug/l
RT: 11.73 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

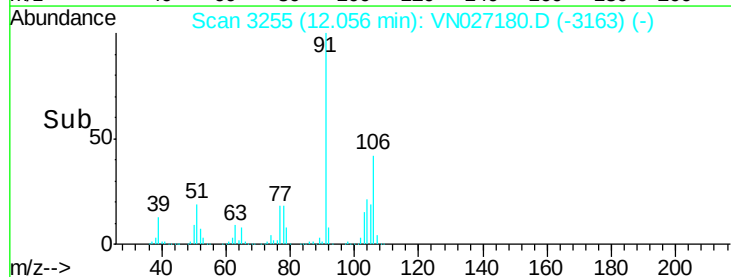
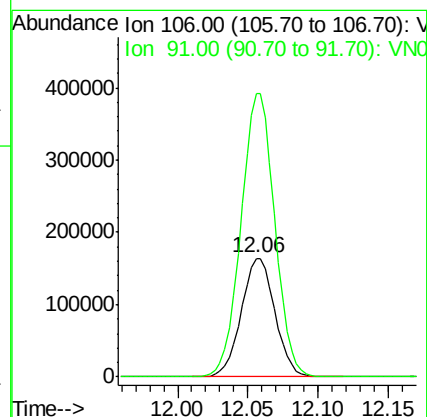
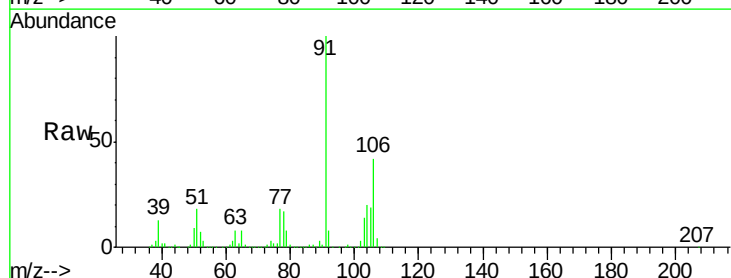
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

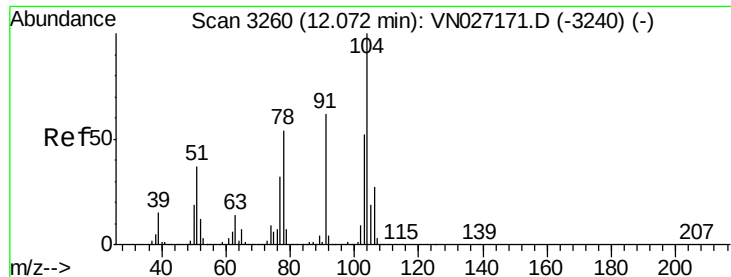
Tgt Ion:106 Resp: 551511
Ion Ratio Lower Upper
106 100
91 222.4 167.1 250.7



#70
o-Xylene
Concen: 19.40 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

Tgt Ion:106 Resp: 274359
Ion Ratio Lower Upper
106 100
91 238.3 110.7 331.9





#71

Styrene

Concen: 19.71 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

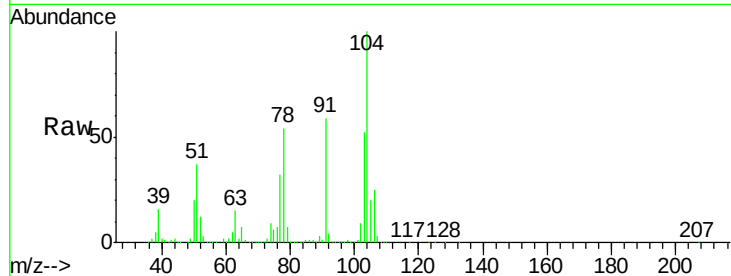
Tgt Ion:104 Resp: 450105

Ion Ratio Lower Upper

104 100

78 59.0 41.6 62.4

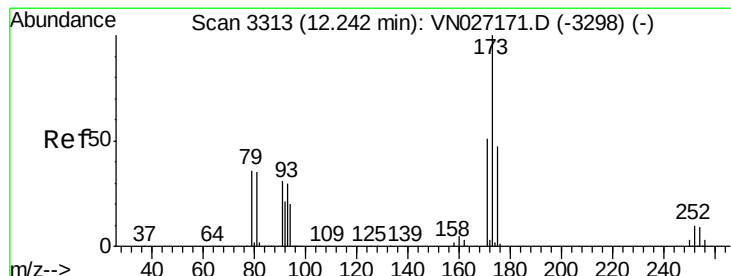
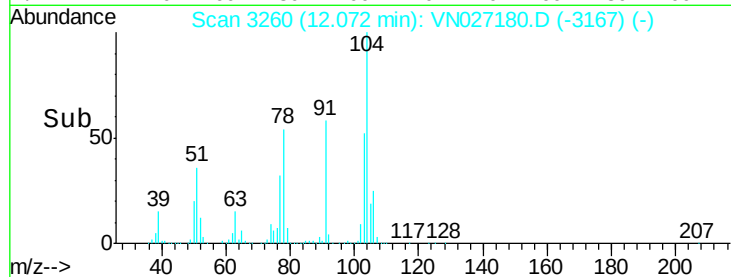
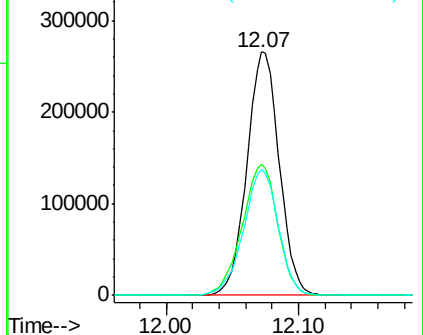
103 55.6 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 19.57 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

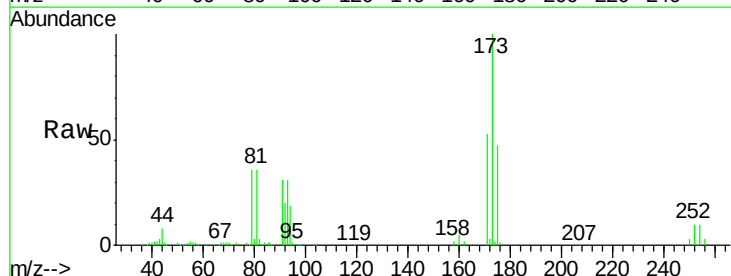
Tgt Ion:173 Resp: 100133

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.4

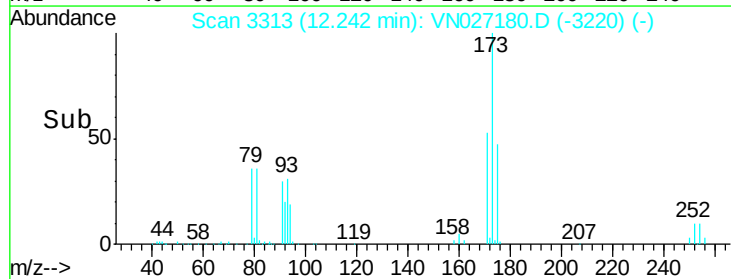
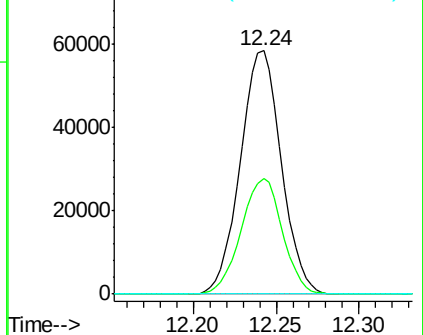
254 0.0 0.1 0.1#

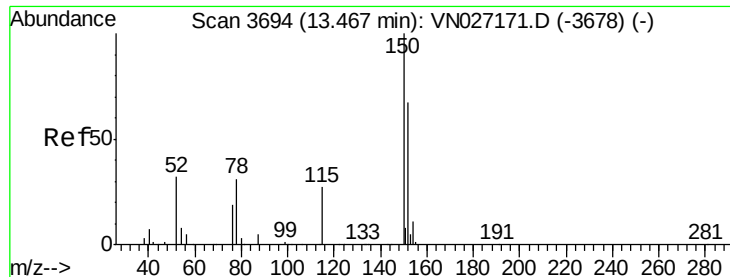


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

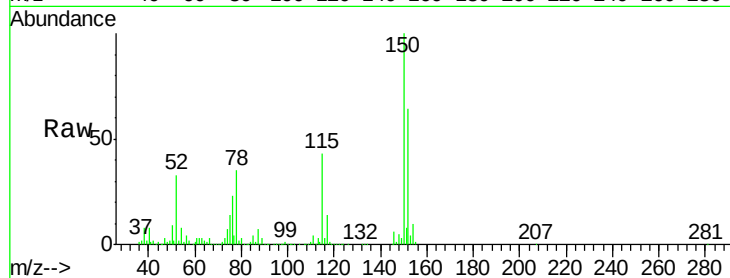
Tgt Ion:152 Resp: 346594

Ion Ratio Lower Upper

152 100

115 67.9 30.8 92.3

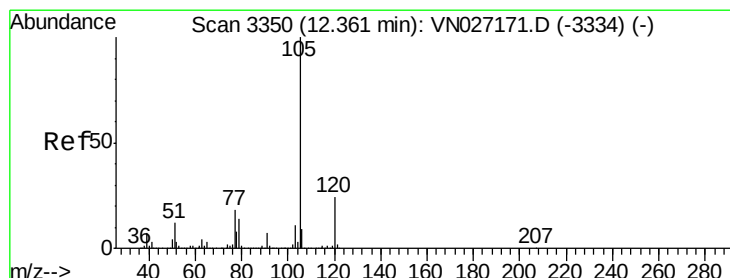
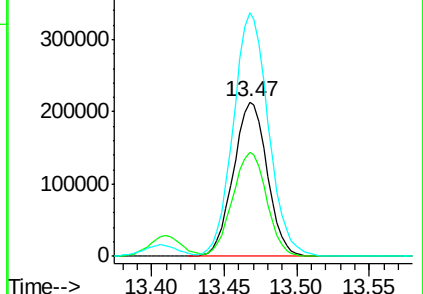
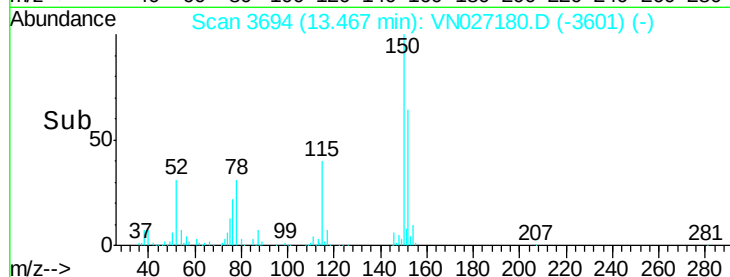
150 163.3 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

Isopropylbenzene

Concen: 19.36 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027180.D

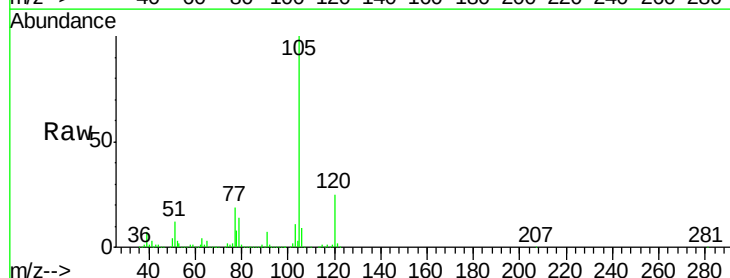
Acq: 15 Sep 2015 23:20

Tgt Ion:105 Resp: 739255

Ion Ratio Lower Upper

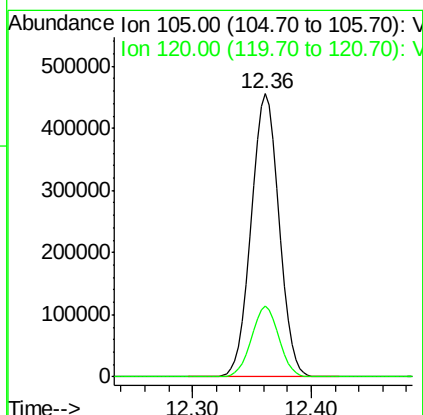
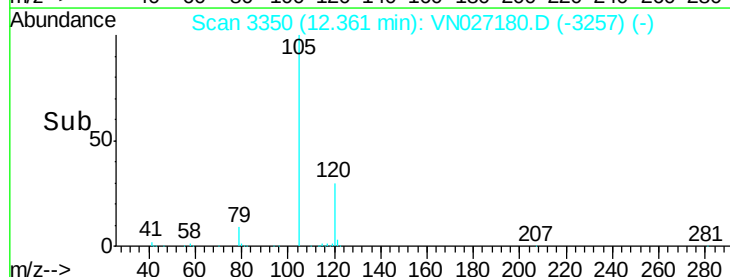
105 100

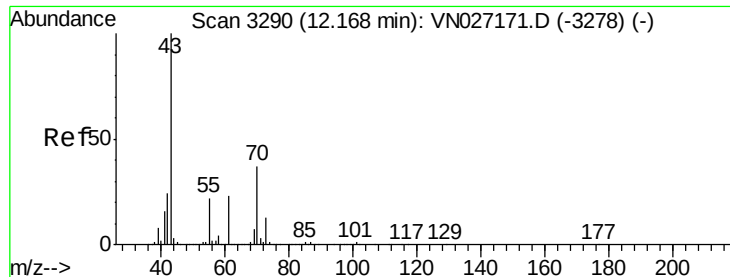
120 24.6 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 19.52 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

Tgt Ion: 43 Resp: 332765

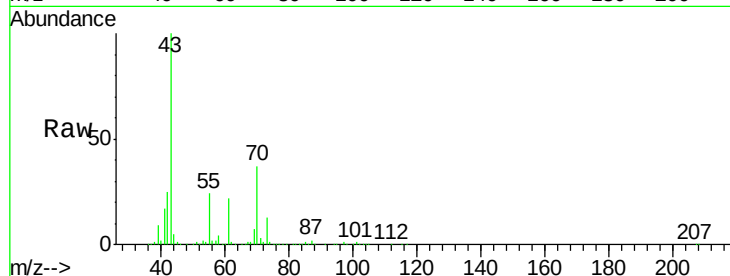
Ion Ratio Lower Upper

43 100

70 37.0 29.8 44.8

55 22.7 19.4 29.0

61 22.2 18.2 27.2

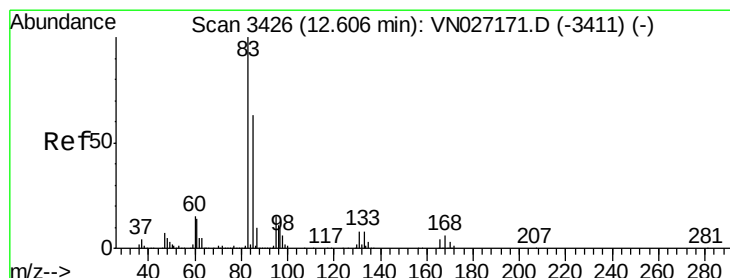
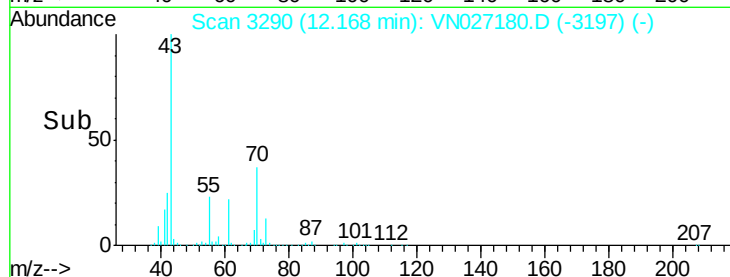
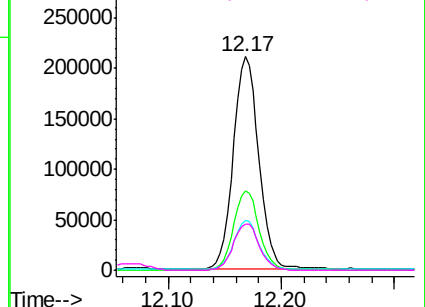


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,1,2,2-Tetrachloroethane

Concen: 20.29 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

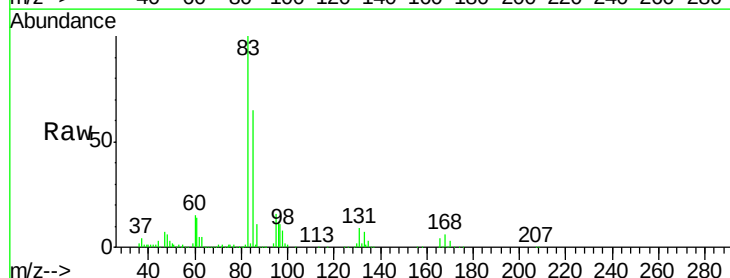
Tgt Ion: 83 Resp: 220276

Ion Ratio Lower Upper

83 100

131 8.2 4.1 12.3

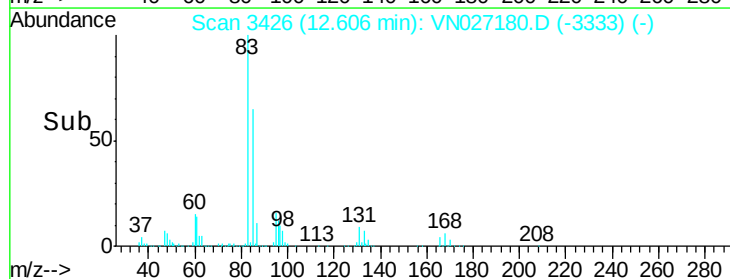
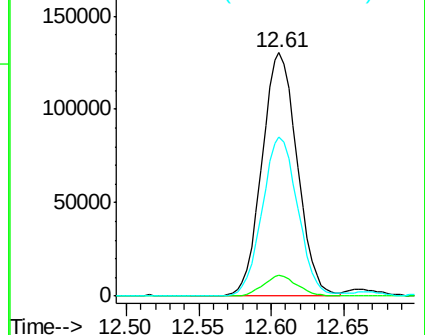
85 66.2 31.9 95.7

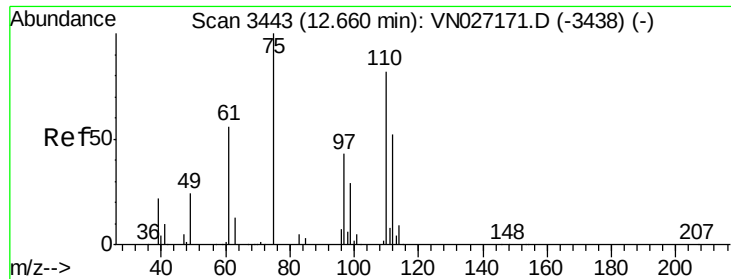


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

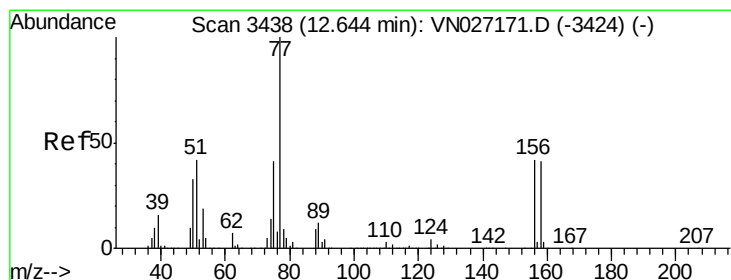
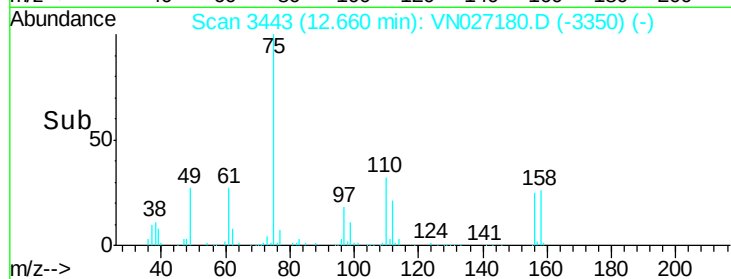
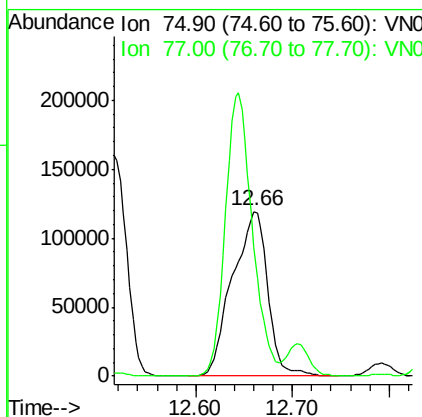
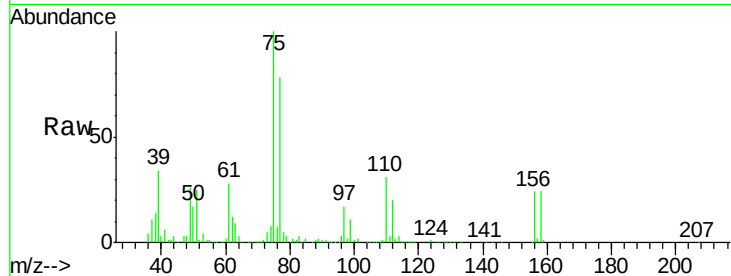




#77
 1,2,3-Trichloropropane
 Concen: 28.85 ug/l
 RT: 12.66 min Scan# 3443
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

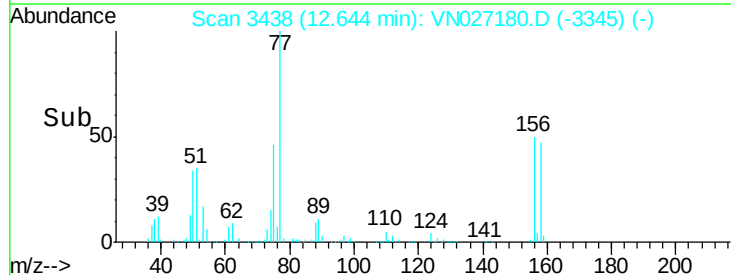
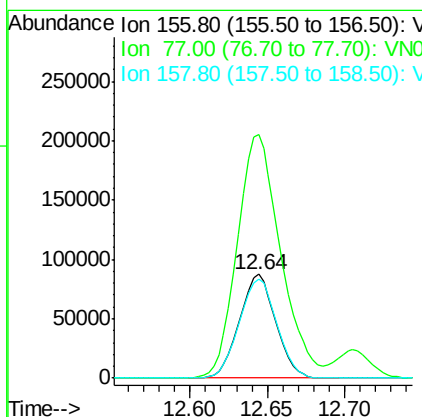
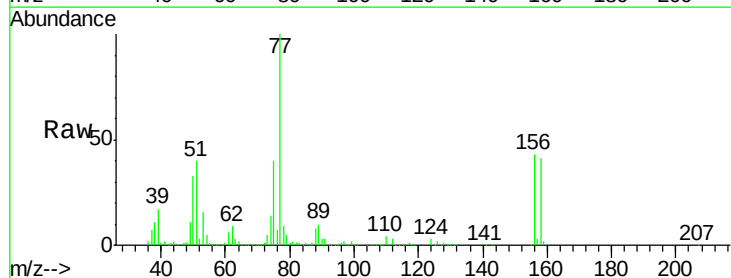
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

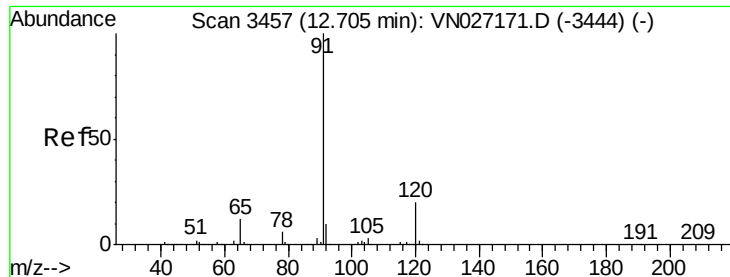
Tgt Ion: 75 Resp: 302218
 Ion Ratio Lower Upper
 75 100
 77 131.4 103.1 309.3



#78
 Bromobenzene
 Concen: 19.10 ug/l
 RT: 12.64 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion: 156 Resp: 143043
 Ion Ratio Lower Upper
 156 100
 77 277.7 127.3 381.9
 158 98.6 48.0 144.2





#79

n-propylbenzene

Concen: 19.34 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

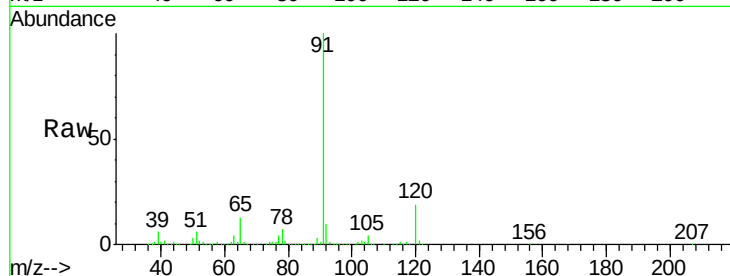
VN0915WBS01

Tgt Ion: 91 Resp: 868859

Ion Ratio Lower Upper

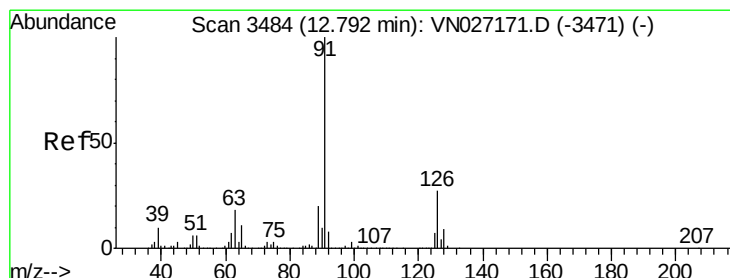
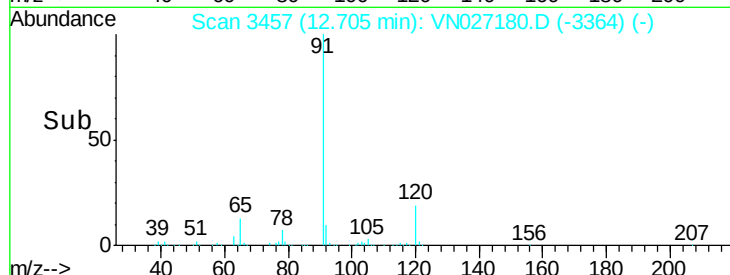
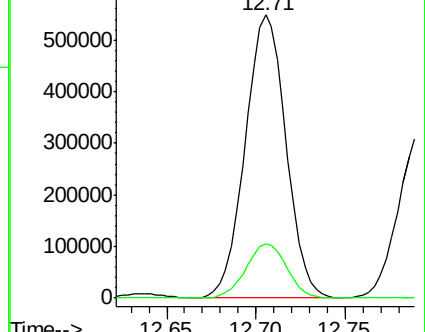
91 100

120 19.4 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: 19.29 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027180.D

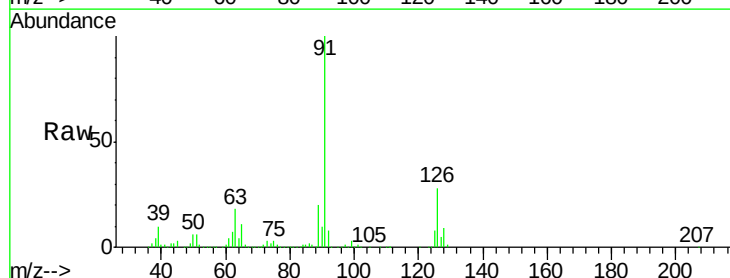
Acq: 15 Sep 2015 23:20

Tgt Ion: 91 Resp: 520521

Ion Ratio Lower Upper

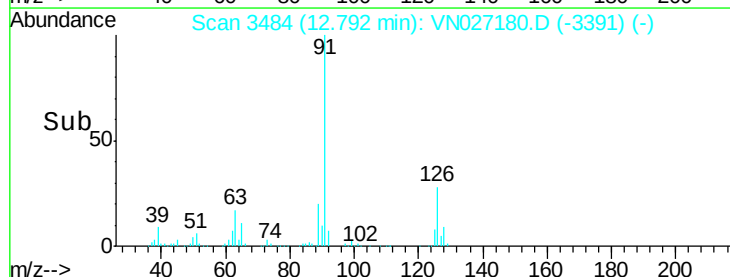
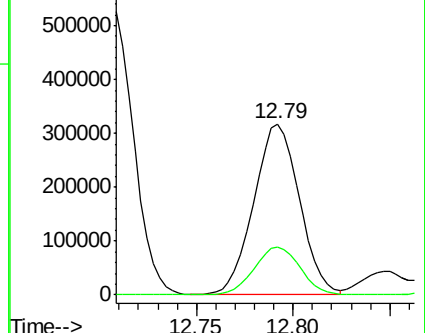
91 100

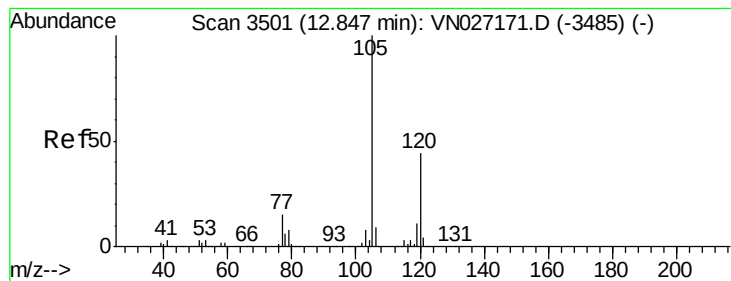
126 28.3 15.2 45.5



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: 19.38 ug/l

RT: 12.85 min Scan# 3501

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampled :

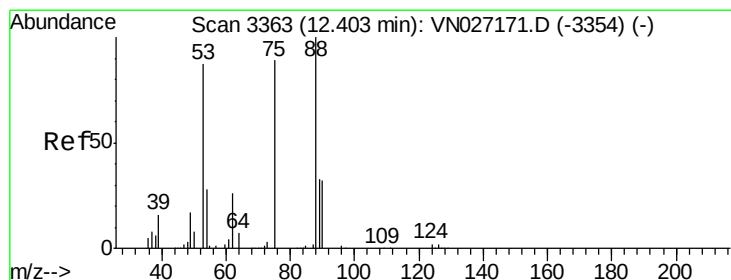
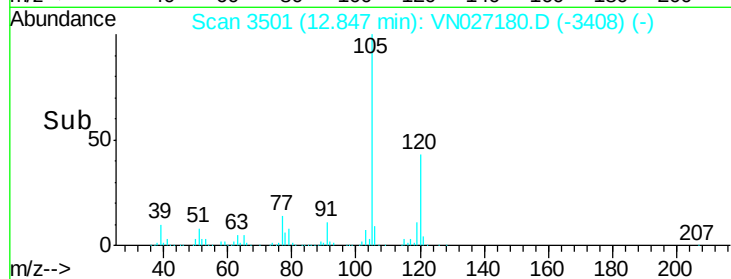
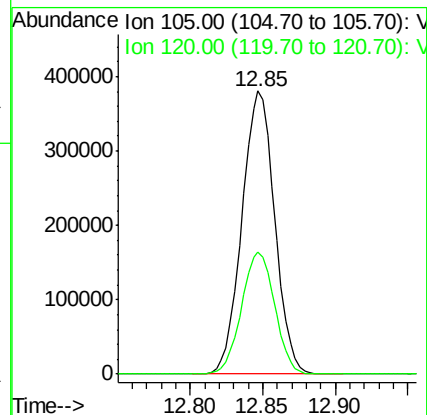
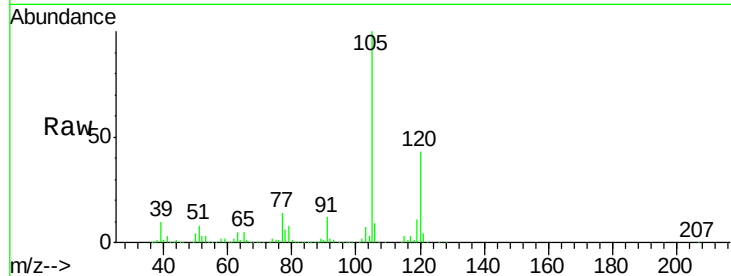
VN0915WBS01

Tgt Ion:105 Resp: 594717

Ion Ratio Lower Upper

105 100

120 43.8 23.4 70.0



#82

trans-1,4-Dichloro-2-butene

Concen: 18.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

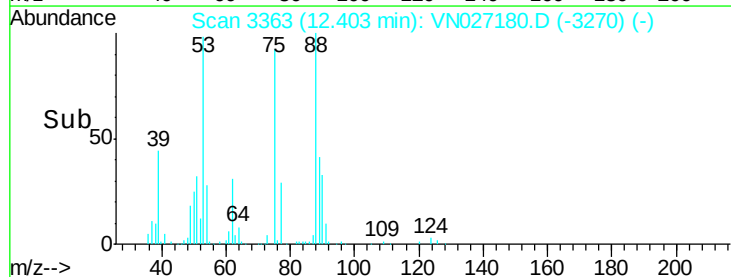
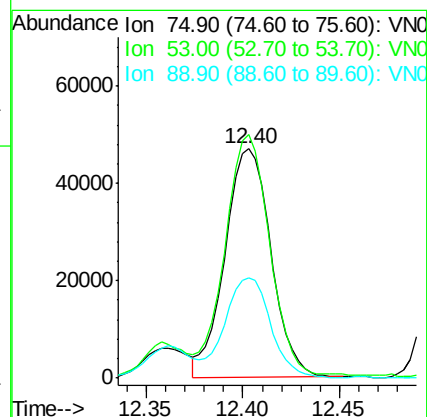
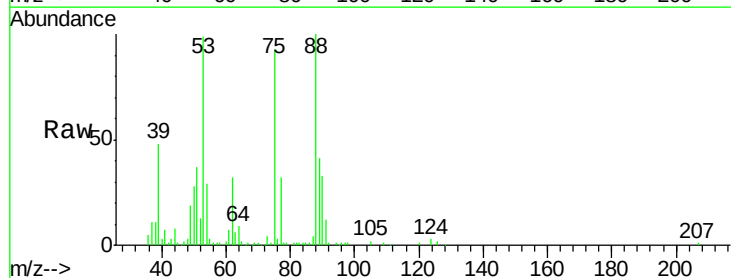
Tgt Ion: 75 Resp: 77608

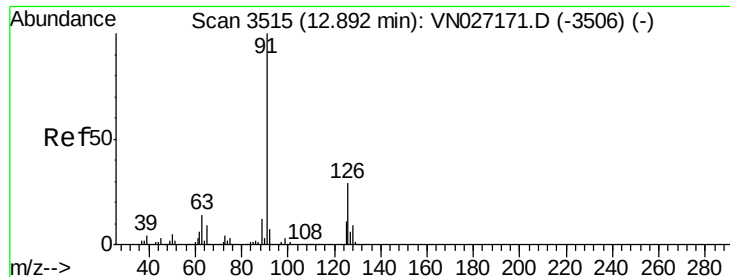
Ion Ratio Lower Upper

75 100

53 100.8 92.9 139.3

89 43.8 34.2 51.4

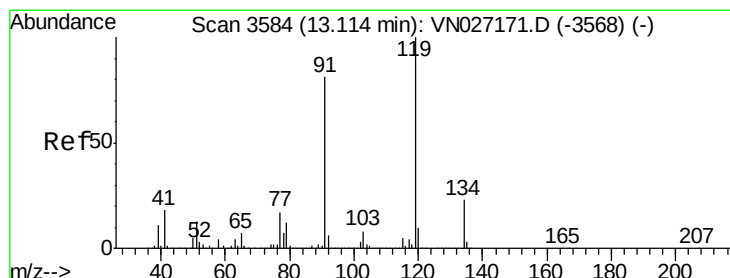
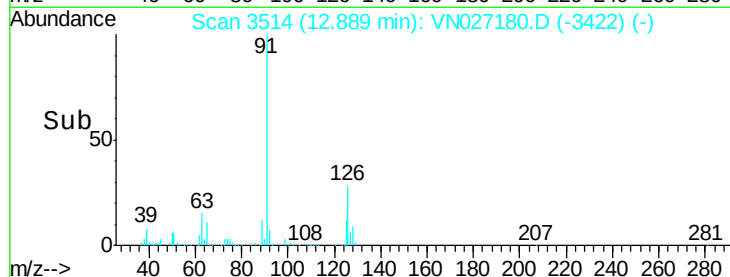
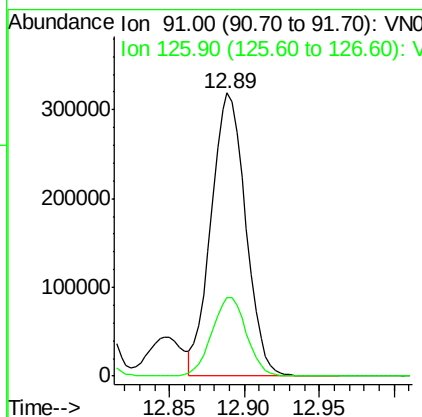
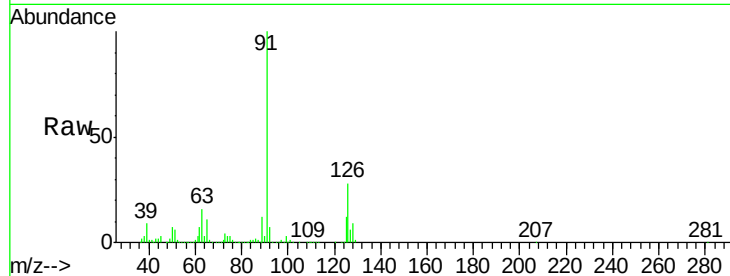




#83
4-Chlorotoluene
Concen: 19.22 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

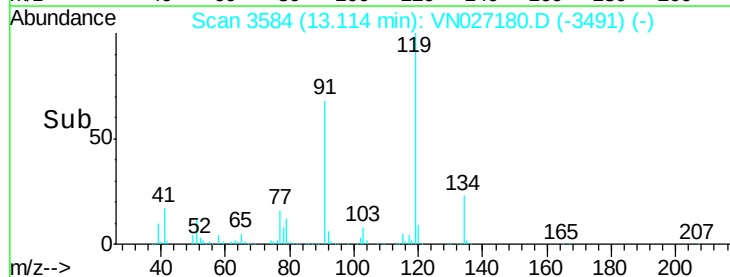
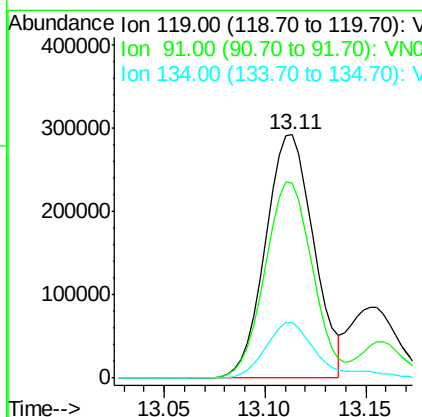
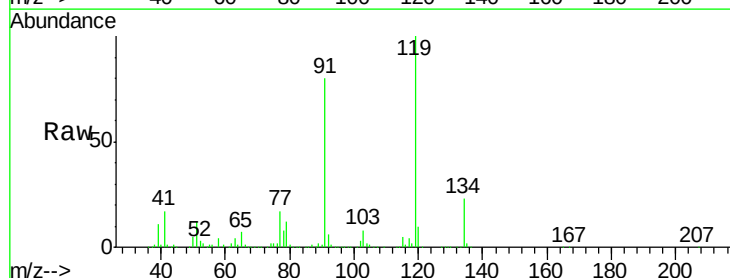
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

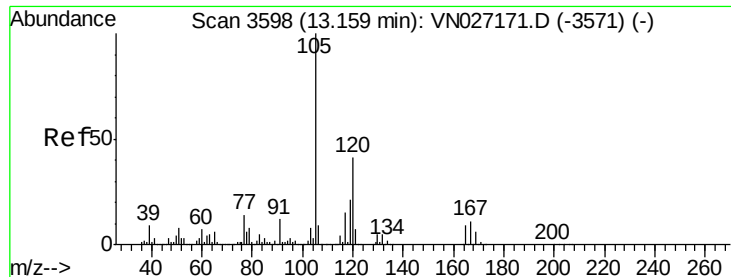
Tgt Ion: 91 Resp: 509455
Ion Ratio Lower Upper
91 100
126 27.8 14.9 44.5



#84
tert-Butylbenzene
Concen: 19.15 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027180.D
Acq: 15 Sep 2015 23:20

Tgt Ion: 119 Resp: 484760
Ion Ratio Lower Upper
119 100
91 79.4 34.6 103.8
134 22.9 11.4 34.2

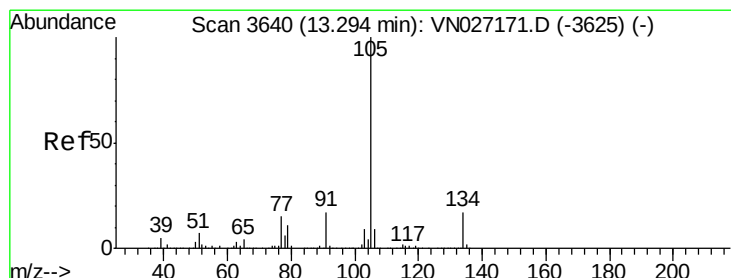
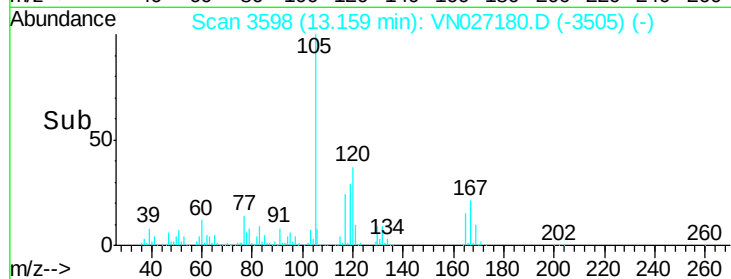
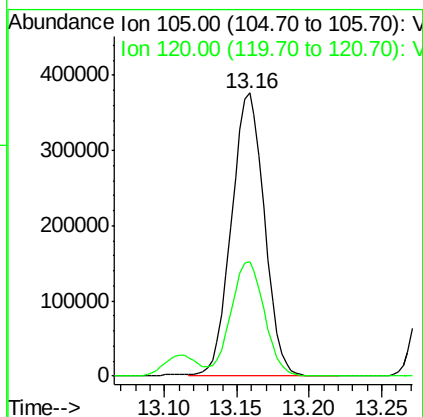
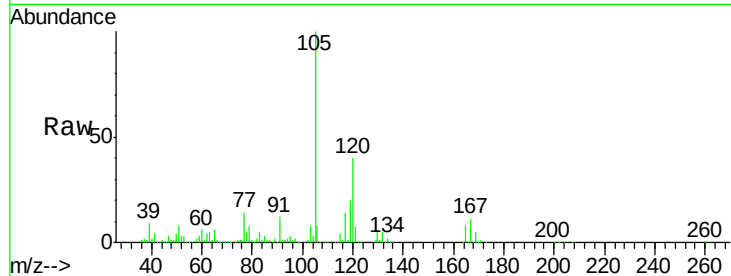




#85
 1,2,4-Trimethylbenzene
 Concen: 19.23 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

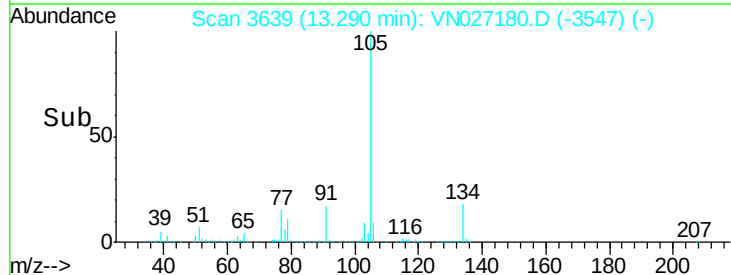
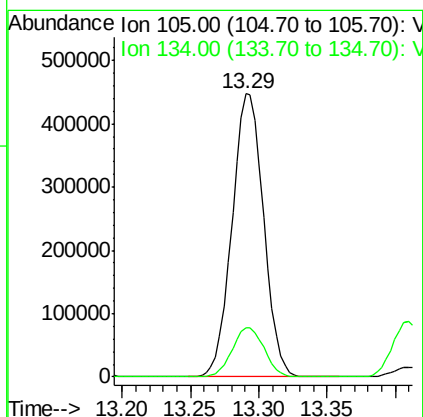
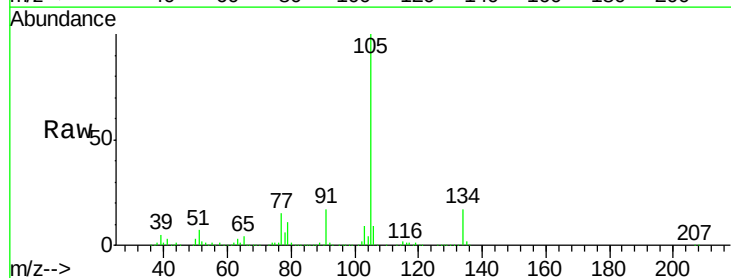
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

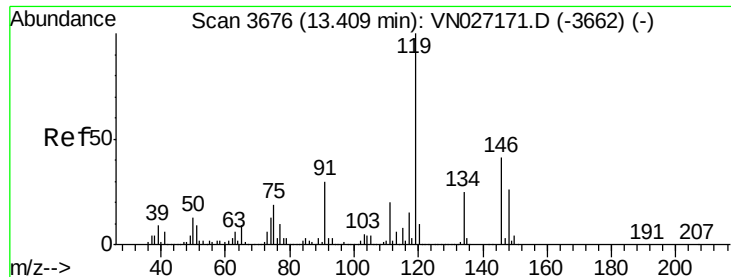
Tgt Ion:105 Resp: 592500
 Ion Ratio Lower Upper
 105 100
 120 41.1 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 19.30 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion:105 Resp: 715697
 Ion Ratio Lower Upper
 105 100
 134 17.7 8.8 26.4

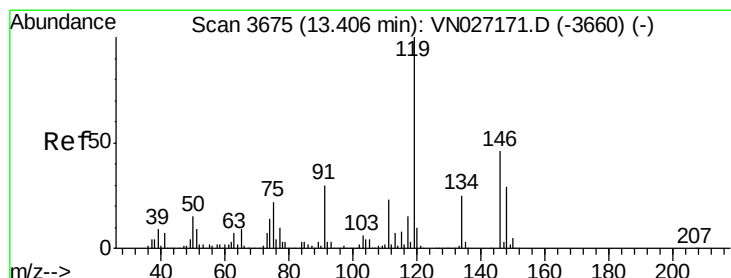
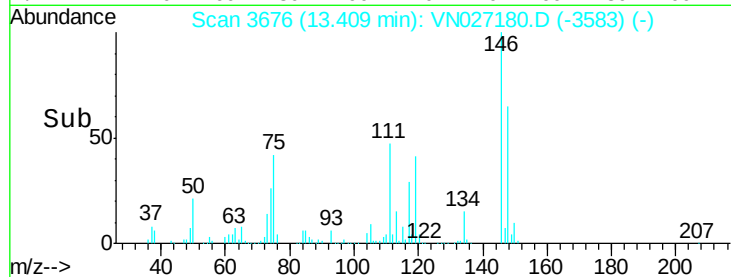
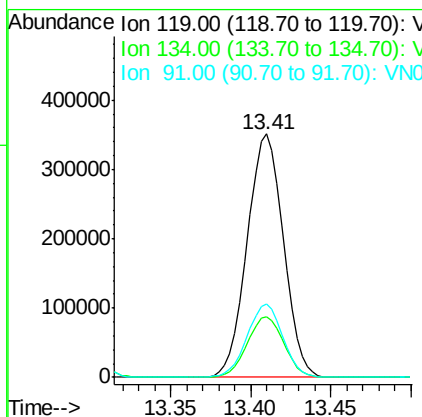
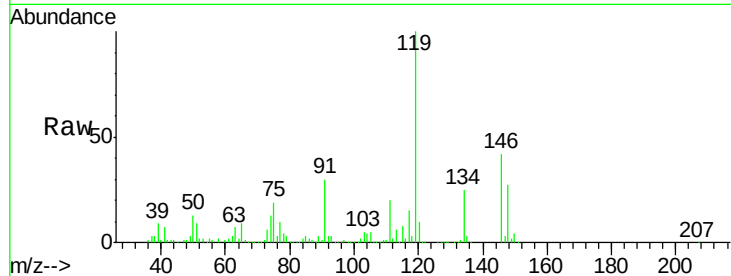




#87
 p-Isopropyltoluene
 Concen: 19.02 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

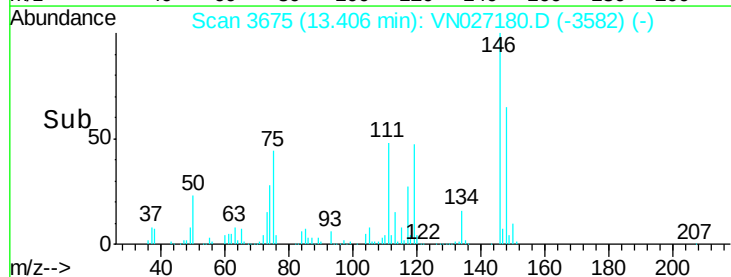
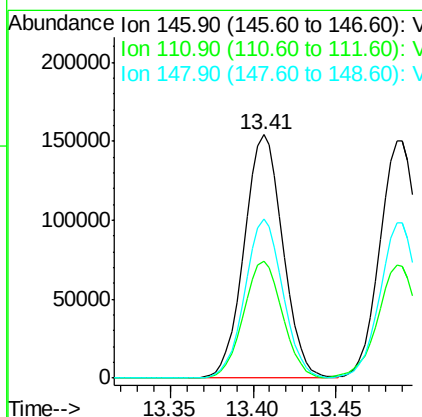
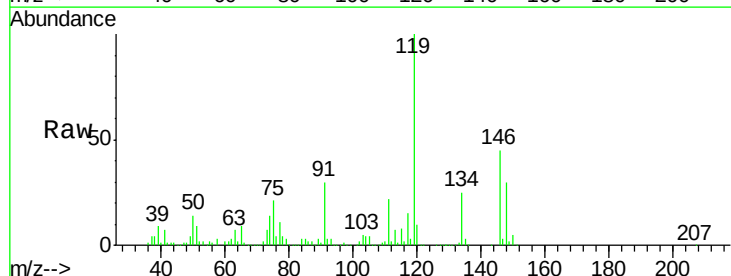
Instrument :
 MSVOA_N
 ClientSampled :
 VN0915WBS01

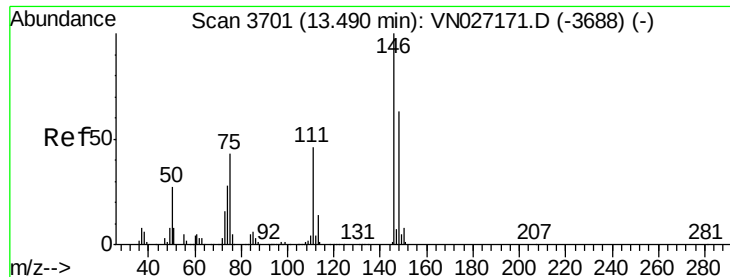
Tgt Ion:119 Resp: 543207
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.0
 91 29.2 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion:146 Resp: 251102
 Ion Ratio Lower Upper
 146 100
 111 48.2 21.0 63.0
 148 63.8 31.9 95.9

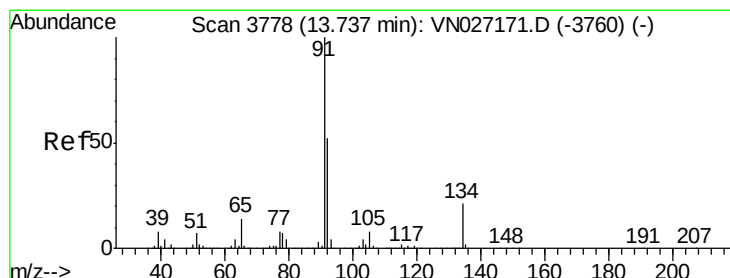
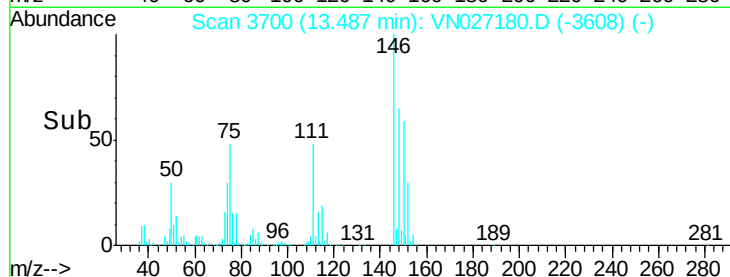
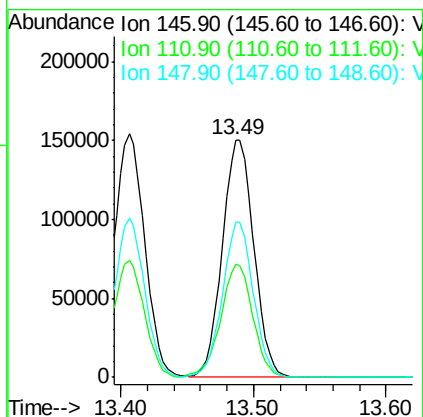
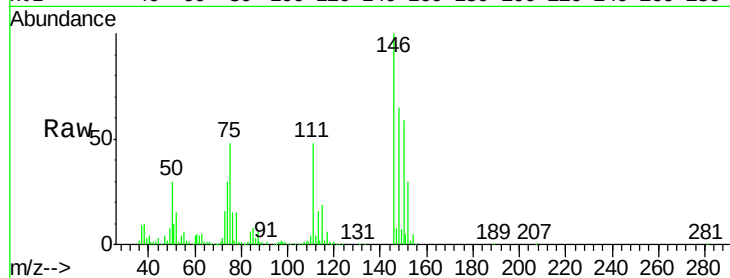




#89
 1,4-Dichlorobenzene
 Concen: 19.12 ug/l
 RT: 13.49 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

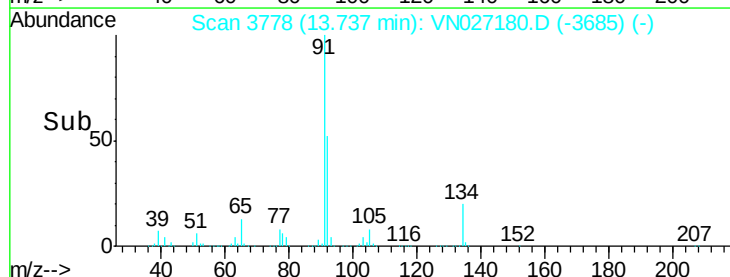
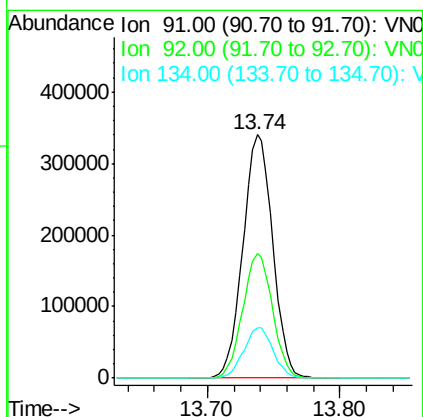
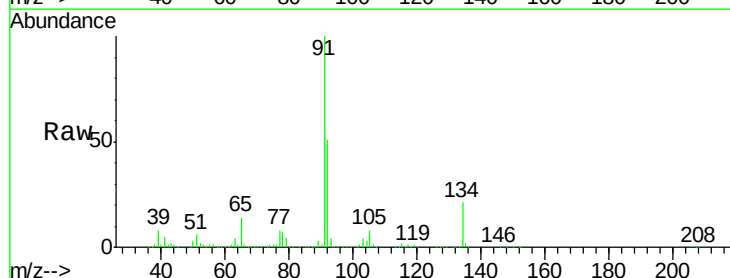
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

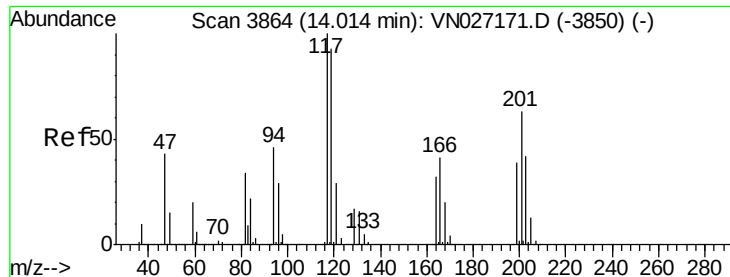
Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.0	19.9	59.6
148	64.2	31.7	95.1



#90
 n-Butylbenzene
 Concen: 19.08 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.1	78.2
134	20.4	11.1	33.1





#91

Hexachloroethane

Concen: 18.68 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

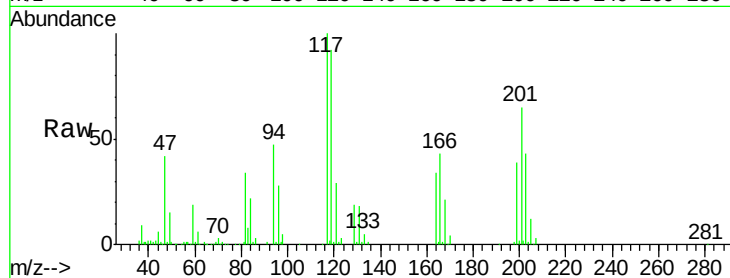
VN0915WBS01

Tgt Ion:117 Resp: 116762

Ion Ratio Lower Upper

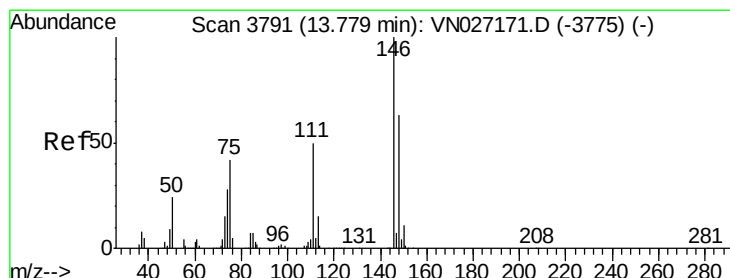
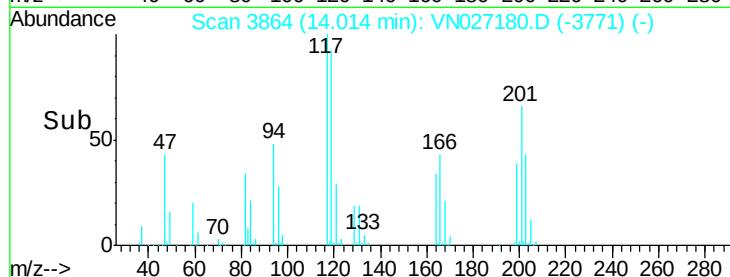
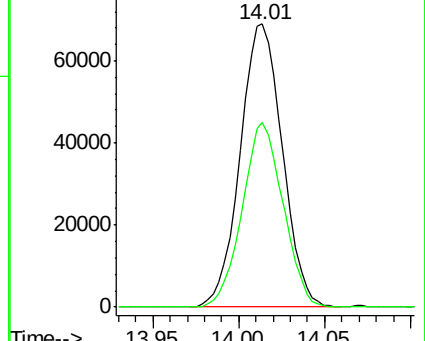
117 100

201 63.4 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: 19.97 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

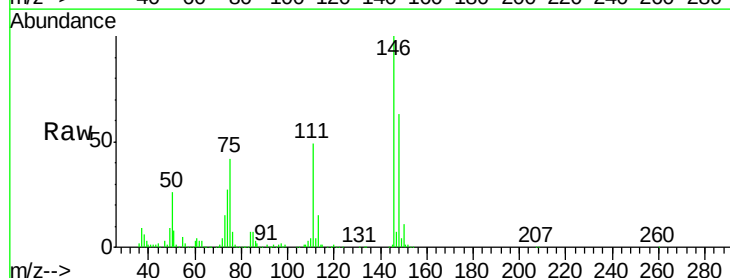
Tgt Ion:146 Resp: 252968

Ion Ratio Lower Upper

146 100

111 49.2 22.1 66.3

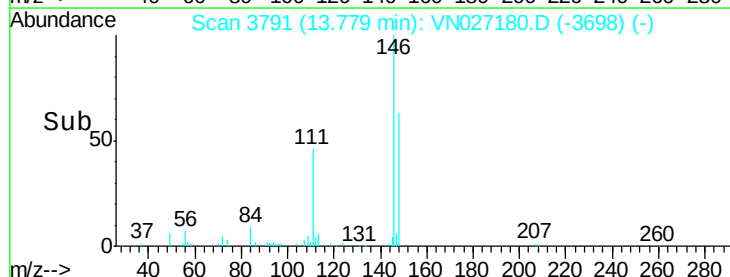
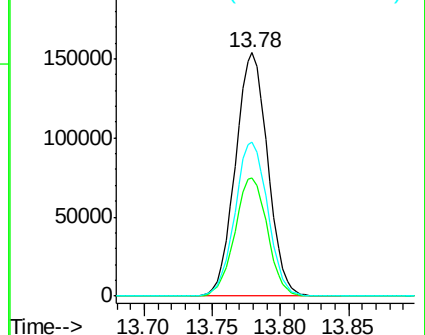
148 64.4 32.0 96.0

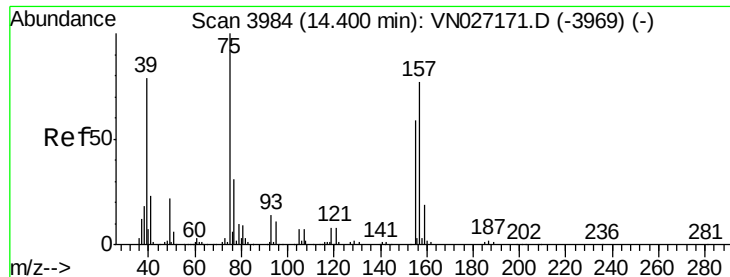


Abundance Ion 145.90 (145.60 to 146.60): V

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: 20.56 ug/l

RT: 14.40 min Scan# 3983

Delta R.T. -0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS01

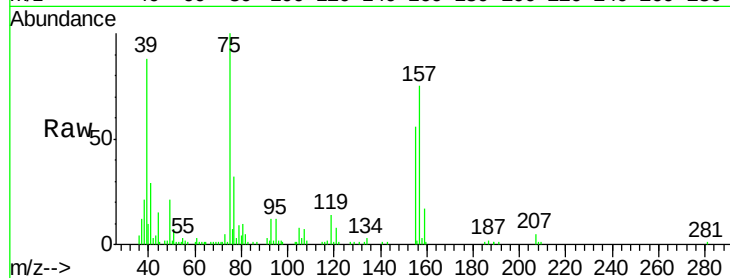
Tgt Ion: 75 Resp: 46614

Ion Ratio Lower Upper

75 100

155 57.3 35.6 106.9

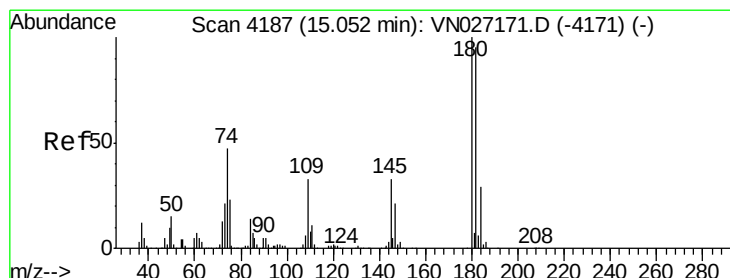
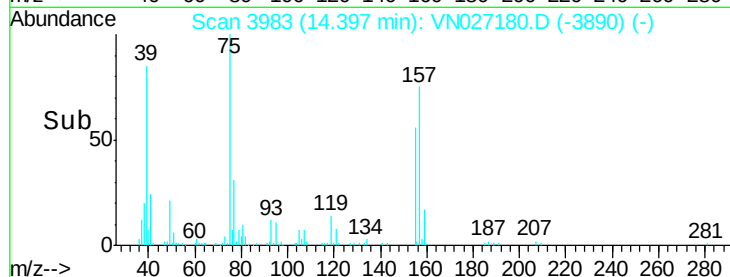
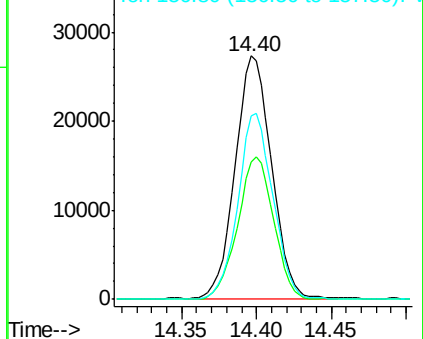
157 72.9 44.6 133.8



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

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

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



#94

1,2,4-Trichlorobenzene

Concen: 19.34 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

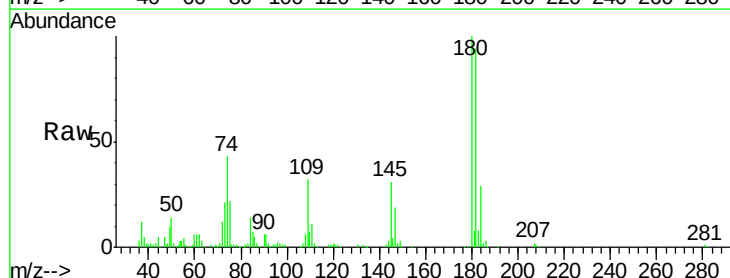
Tgt Ion: 180 Resp: 132310

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

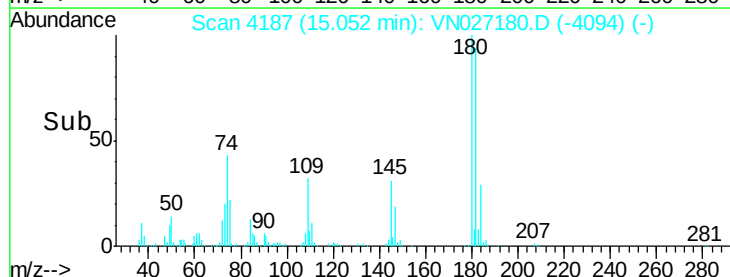
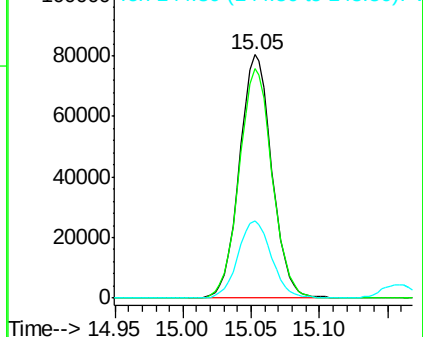
145 32.9 15.1 45.3

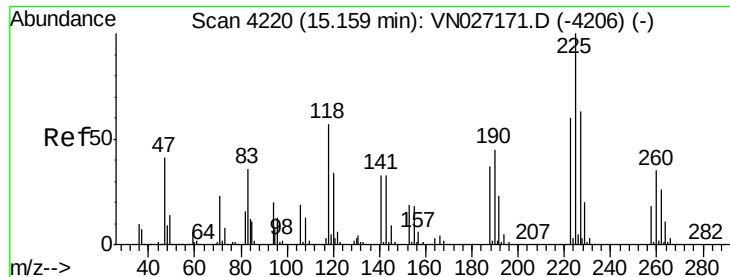


Abundance Ion 179.80 (179.50 to 180.50): VN027171.D (-4171) (-)

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

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





#95

Hexachlorobutadiene

Concen: 20.03 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

Instrument :

MSVOA_N

ClientSampled :

VN0915WBS01

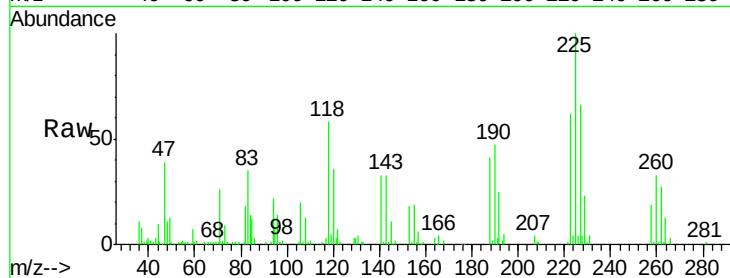
Tgt Ion:225 Resp: 72188

Ion Ratio Lower Upper

225 100

223 61.6 30.8 92.3

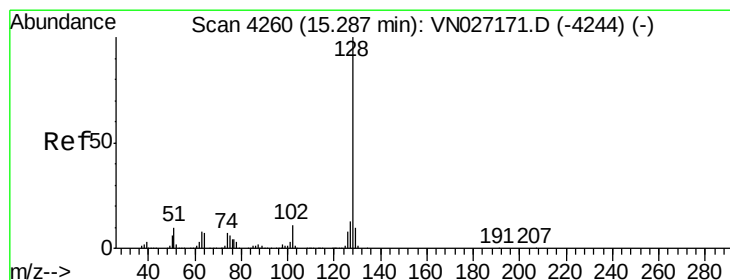
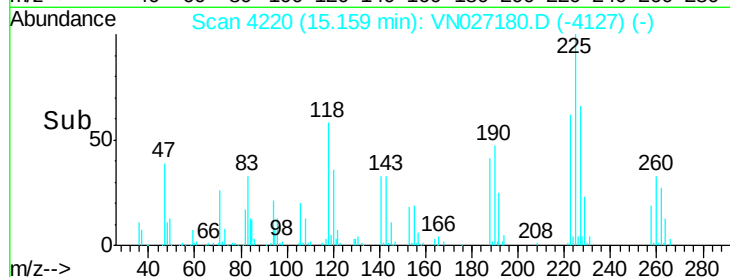
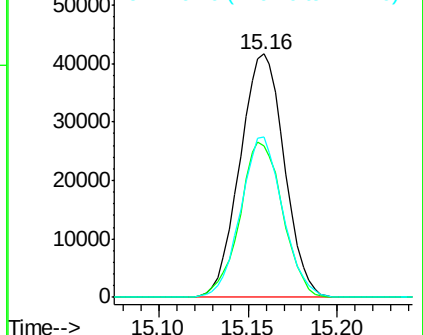
227 62.3 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 19.10 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027180.D

Acq: 15 Sep 2015 23:20

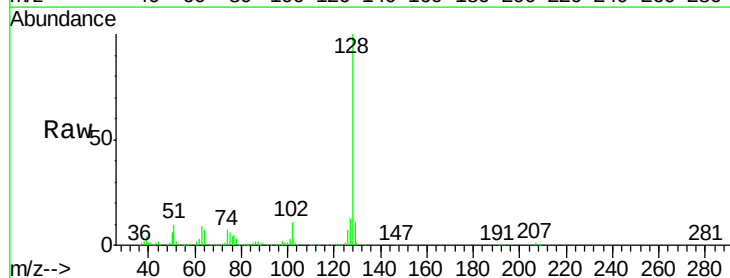
Tgt Ion:128 Resp: 383063

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

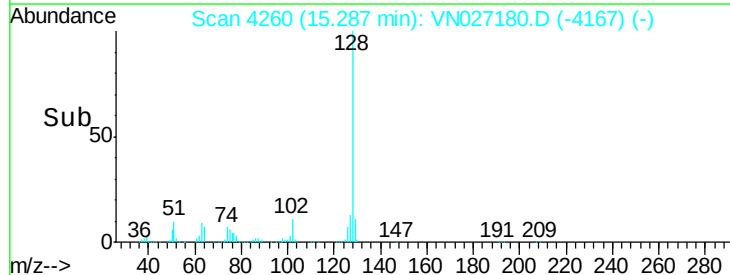
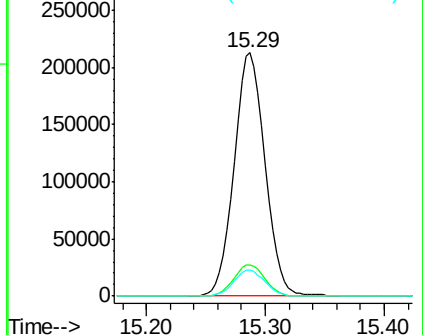
129 10.8 8.6 12.8

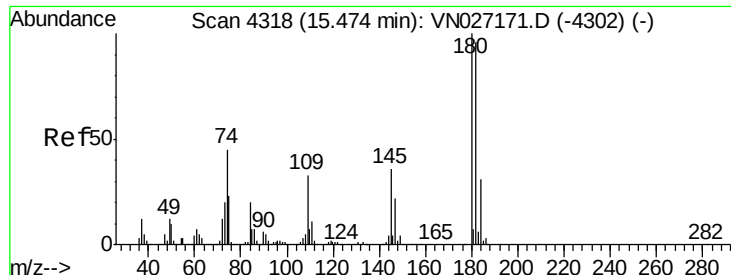


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

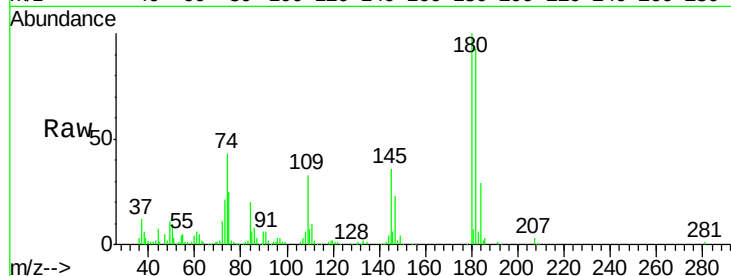




#97
 1,2,3-Trichlorobenzene
 Concen: 19.53 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027180.D
 Acq: 15 Sep 2015 23:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.8	146.4
145	35.5	16.6	49.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

