

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027181.D
 Acq On : 15 Sep 2015 23:47
 Operator : MD\FY
 Sample : VN0915WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Quant Time: Sep 16 01:20:49 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	557817	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1059491	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	903410	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	339753	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	545370	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
36) Dibromofluoromethane	7.68	113	342048	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
51) Toluene-d8	10.19	98	1342815	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
63) 4-Bromofluorobenzene	12.52	95	472509	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.80	85	132551	19.86	ug/l	99
3) Chlorodifluoromethane	1.82	51	161620	20.93	ug/l	94
4) Chloromethane	2.01	50	152205	21.02	ug/l	97
5) Vinyl Chloride	2.14	62	157467	19.98	ug/l	99
6) Bromomethane	2.54	94	78847	21.32	ug/l	100
7) Chloroethane	2.69	64	103581	19.33	ug/l	100
8) Trichlorofluoromethane	3.02	101	236483	19.86	ug/l	95
9) Diethyl Ether	3.42	74	107605	19.64	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	143981	19.25	ug/l	96
11) Methyl Iodide	3.99	142	147962	20.35	ug/l	91
12) Tert butyl alcohol	4.80	59	103601	92.70	ug/l	95
13) 1,1-Dichloroethene	3.77	96	140827	19.66	ug/l	95
14) Acrolein	3.62	56	119692	91.16	ug/l	91
15) Allyl chloride	4.37	41	271450	18.76	ug/l #	83
16) Acrylonitrile	5.03	53	355943	97.39	ug/l	96
17) Acetone	3.83	43	286891	93.10	ug/l	96
18) Carbon Disulfide	4.11	76	447443	19.18	ug/l	100
19) Methyl Acetate	4.36	43	430622	19.29	ug/l	97
20) Methyl tert-butyl Ether	5.12	73	558305	19.42	ug/l	97
21) Methylene Chloride	4.60	84	171269	19.95	ug/l	97
22) trans-1,2-Dichloroethene	5.12	96	150396	19.41	ug/l	98
23) Diisopropyl ether	6.03	45	591213	19.48	ug/l #	86
24) Vinyl Acetate	5.97	43	963915	95.95	ug/l	96
25) 1,1-Dichloroethane	5.93	63	342326	19.41	ug/l	99
26) 2-Butanone	6.92	43	438230	94.44	ug/l	95
27) 2,2-Dichloropropane	6.92	77	257927	16.86	ug/l	96
28) cis-1,2-Dichloroethene	6.92	96	175806	19.79	ug/l	97
29) Bromochloromethane	7.29	49	142927	20.88	ug/l	98
30) Tetrahydrofuran	7.32	42	287520	89.90	ug/l	90
31) Chloroform	7.46	83	320111	20.09	ug/l	99
32) Cyclohexane	7.77	56	327166	20.29	ug/l #	89
33) 1,1,1-Trichloroethane	7.67	97	284359	20.02	ug/l	96
37) 1,1-Dichloropropene	7.89	75	240301	19.37	ug/l	97
38) Ethyl Acetate	7.02	43	205633	18.84	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027181.D
 Acq On : 15 Sep 2015 23:47
 Operator : MD\FY
 Sample : VN0915WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Quant Time: Sep 16 01:20:49 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	7.89	117	221355	18.98	ug/l	99
40) Methylcyclohexane	9.19	83	288007	19.07	ug/l	98
41) Benzene	8.14	78	707592	19.55	ug/l	100
42) Methacrylonitrile	7.24	41	111715	18.63	ug/l #	87
43) 1,2-Dichloroethane	8.22	62	280221	19.22	ug/l	95
44) Isopropyl Acetate	8.25	43	384672	19.41	ug/l	99
45) Trichloroethene	8.93	130	142736	19.64	ug/l	92
46) 1,2-Dichloropropane	9.22	63	197468	18.97	ug/l	100
47) Dibromomethane	9.31	93	115271	18.86	ug/l	93
48) Bromodichloromethane	9.49	83	250165	19.42	ug/l	97
49) Methyl methacrylate	9.29	41	184729	18.71	ug/l #	86
50) 1,4-Dioxane	9.30	88	42985	371.17	ug/l	95
52) 4-Methyl-2-Pentanone	10.07	43	1012222	96.60	ug/l	100
53) Toluene	10.26	92	413332	19.50	ug/l	96
54) t-1,3-Dichloropropene	10.47	75	266912	18.45	ug/l	100
55) cis-1,3-Dichloropropene	9.93	75	290699	18.47	ug/l	91
56) 1,1,2-Trichloroethane	10.66	97	158863	19.94	ug/l	99
57) Ethyl methacrylate	10.52	69	256169	19.08	ug/l #	91
58) 1,3-Dichloropropane	10.81	76	288246	19.49	ug/l	100
59) 2-Chloroethyl Vinyl ether	9.78	63	618012	100.26	ug/l	98
60) 2-Hexanone	10.84	43	677404	94.95	ug/l	99
61) Dibromochloromethane	11.00	129	156506	19.24	ug/l	99
62) 1,2-Dibromoethane	11.11	107	151502	19.35	ug/l	99
65) Tetrachloroethene	10.74	164	112407	19.46	ug/l	94
66) Chlorobenzene	11.54	112	402367	18.87	ug/l	98
67) 1,1,1,2-Tetrachloroethane	11.62	131	141449	19.44	ug/l	98
68) Ethyl Benzene	11.62	91	769167	19.02	ug/l	99
69) m/p-Xylenes	11.73	106	539005	38.63	ug/l	91
70) o-Xylene	12.06	106	273470	19.55	ug/l	94
71) Styrene	12.08	104	437228	19.36	ug/l	95
72) Bromoform	12.24	173	95844	18.94	ug/l #	98
74) Isopropylbenzene	12.36	105	716171	19.13	ug/l	99
75) N-amyl acetate	12.17	43	319170	19.10	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	209118	19.54	ug/l	97
77) 1,2,3-Trichloropropane	12.66	75	292693	28.51	ug/l	51
78) Bromobenzene	12.64	156	139709	19.03	ug/l	91
79) n-propylbenzene	12.71	91	842881	19.14	ug/l	98
80) 2-Chlorotoluene	12.79	91	508293	19.22	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	570817	18.98	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	75804	18.13	ug/l	89
83) 4-Chlorotoluene	12.89	91	498235	19.17	ug/l	97
84) tert-Butylbenzene	13.11	119	465553	18.76	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	574513	19.02	ug/l	96
86) sec-Butylbenzene	13.29	105	696991	19.17	ug/l	99
87) p-Isopropyltoluene	13.41	119	521803	18.63	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	242129	19.27	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	240837	18.93	ug/l	95
90) n-Butylbenzene	13.74	91	512823	18.87	ug/l	98
91) Hexachloroethane	14.01	117	113756	18.56	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	244757	19.71	ug/l	96

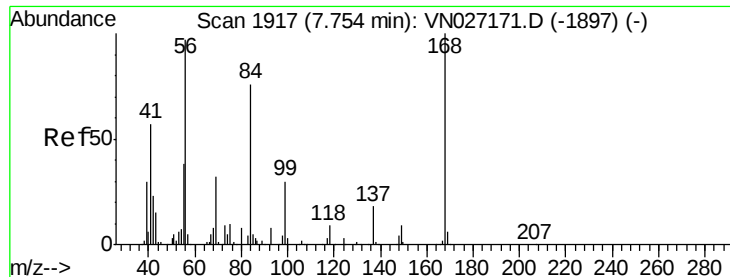
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
Data File : VN027181.D
Acq On : 15 Sep 2015 23:47
Operator : MD\FY
Sample : VN0915WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Quant Time: Sep 16 01:20:49 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	41771	18.67	ug/l	89
94) 1,2,4-Trichlorobenzene	15.05	180	128905	19.22	ug/l	98
95) Hexachlorobutadiene	15.16	225	67386	19.08	ug/l	99
96) Naphthalene	15.29	128	379756	19.31	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	130137	19.52	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

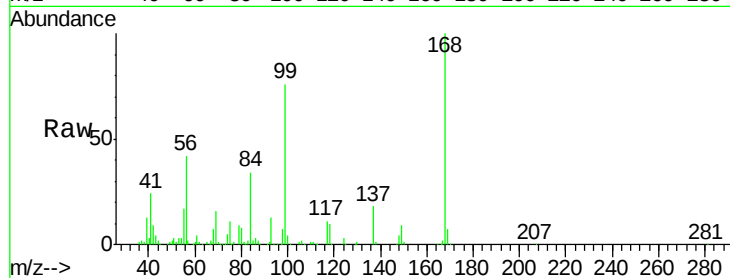
VN0915WBSD01

Tgt Ion:168 Resp: 557817

Ion Ratio Lower Upper

168 100

99 75.7 50.4 75.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

250000

200000

150000

100000

50000

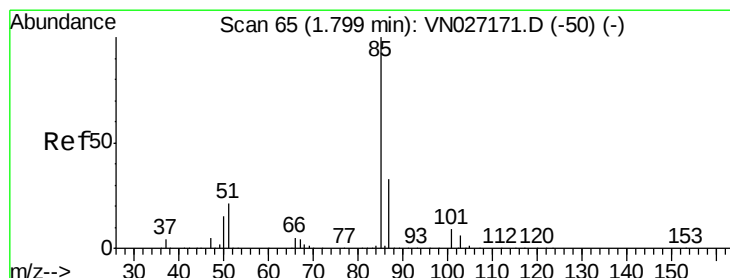
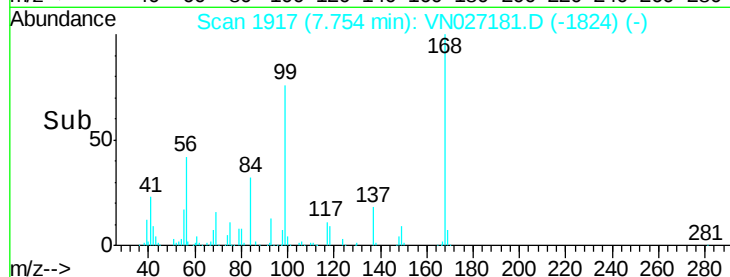
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.86 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027181.D

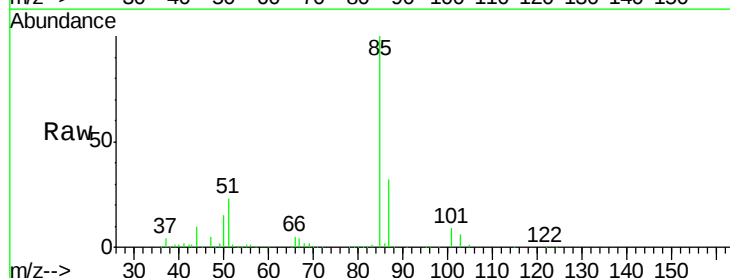
Acq: 15 Sep 2015 23:47

Tgt Ion: 85 Resp: 132551

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.80

100000

80000

60000

40000

20000

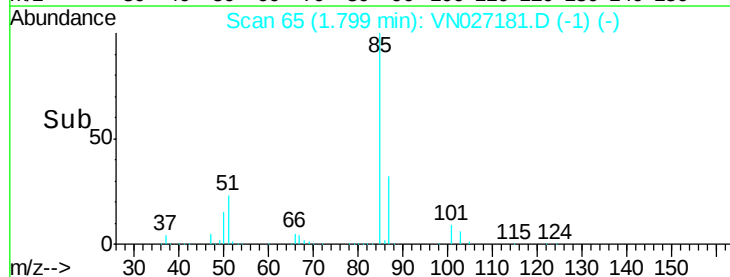
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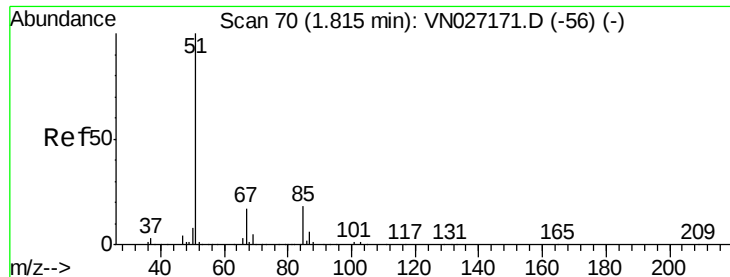
1.70

1.80

1.90

Time-->





#3

Chlorodifluoromethane

Concen: 20.93 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

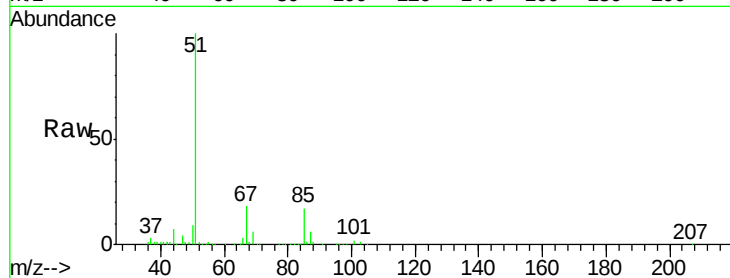
VN0915WBSD01

Tgt Ion: 51 Resp: 161620

Ion Ratio Lower Upper

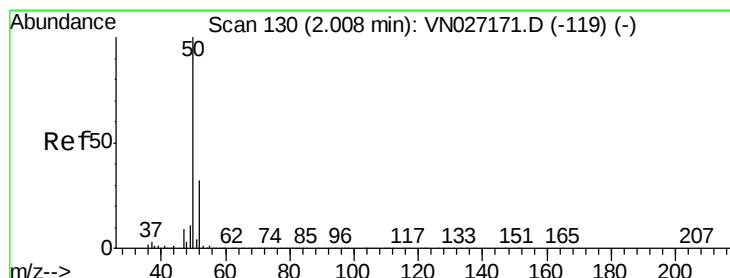
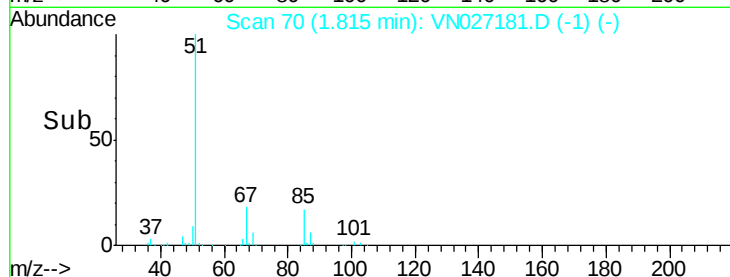
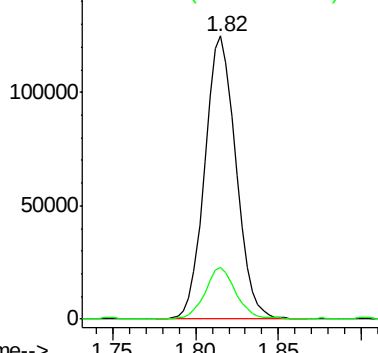
51 100

67 17.6 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 21.02 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027181.D

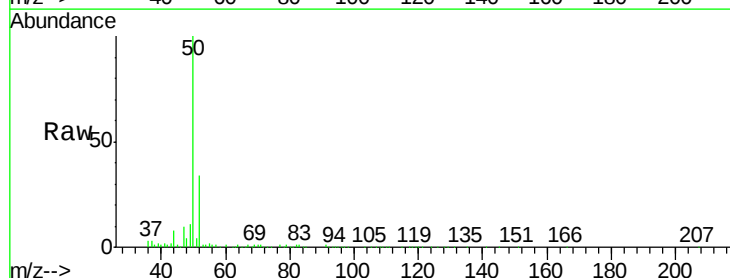
Acq: 15 Sep 2015 23:47

Tgt Ion: 50 Resp: 152205

Ion Ratio Lower Upper

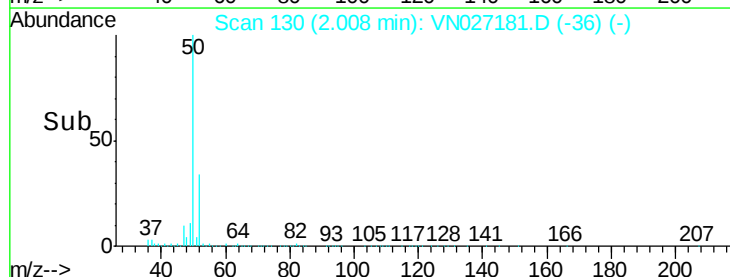
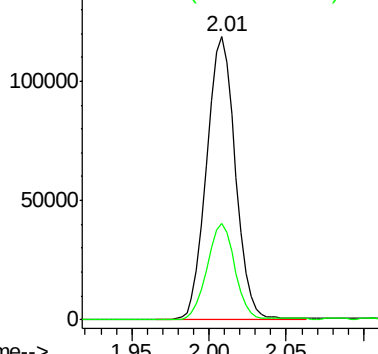
50 100

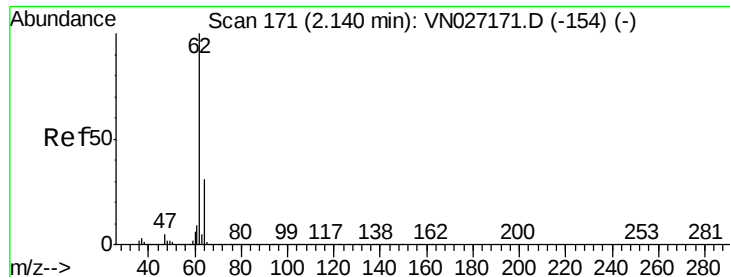
52 34.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 19.98 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

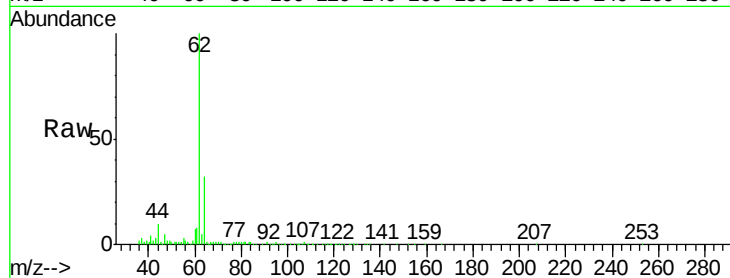
VN0915WBSD01

Tgt Ion: 62 Resp: 157467

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.14

120000

100000

80000

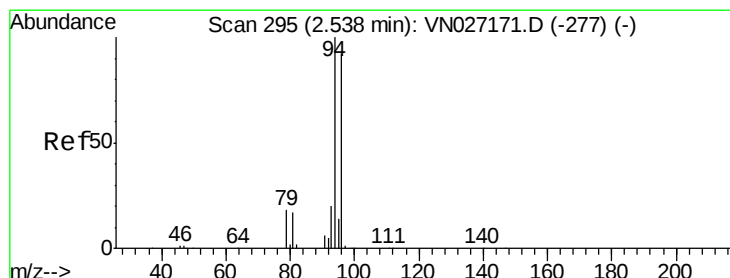
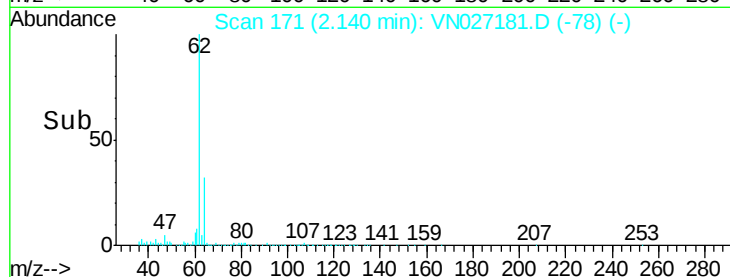
60000

40000

20000

0

Time-->



#6

Bromomethane

Concen: 21.32 ug/l

RT: 2.54 min Scan# 296

Delta R.T. 0.00 min

Lab File: VN027181.D

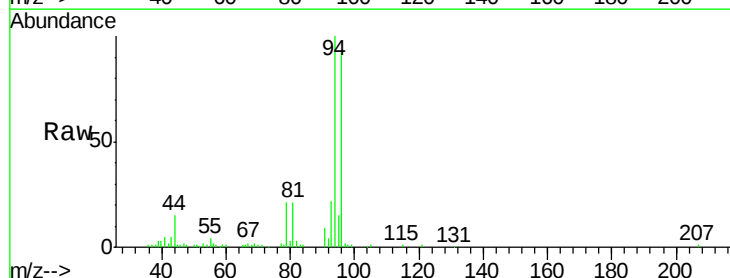
Acq: 15 Sep 2015 23:47

Tgt Ion: 94 Resp: 78847

Ion Ratio Lower Upper

94 100

96 91.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

40000

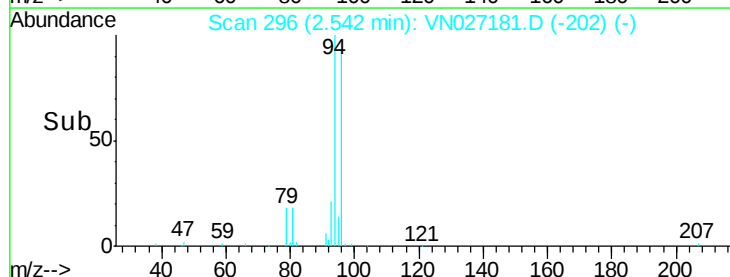
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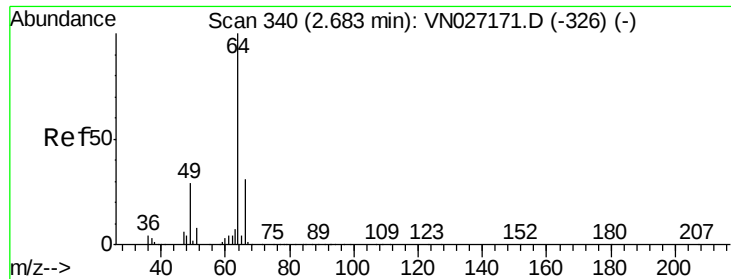
20000

10000

0

Time-->





#7

Chloroethane

Concen: 19.33 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

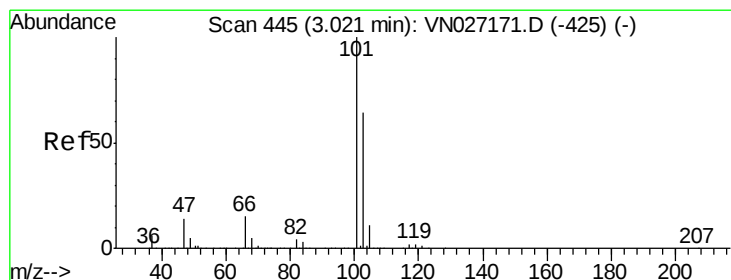
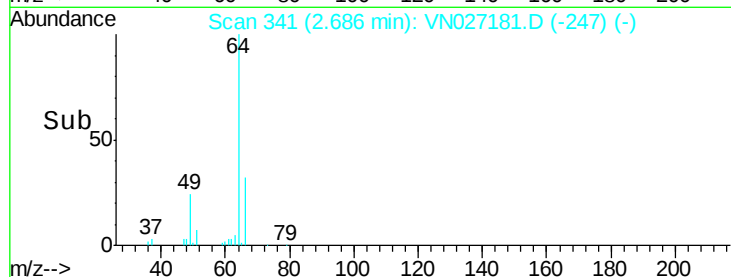
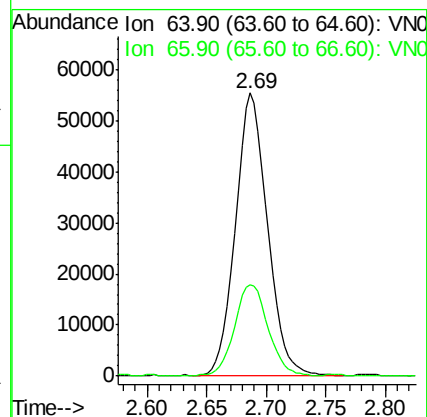
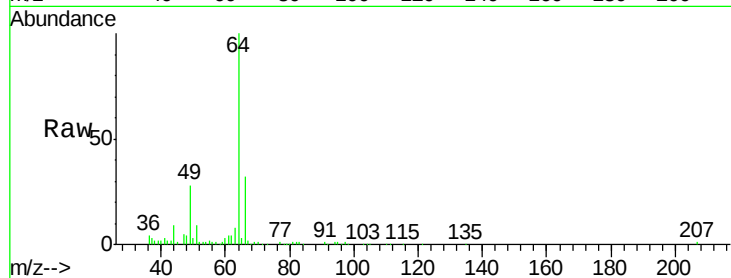
VN0915WBSD01

Tgt Ion: 64 Resp: 103581

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



#8

Trichlorofluoromethane

Concen: 19.86 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027181.D

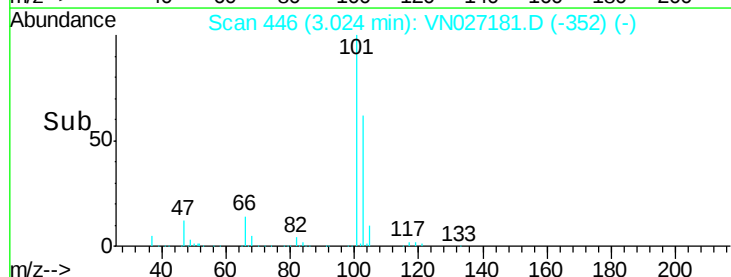
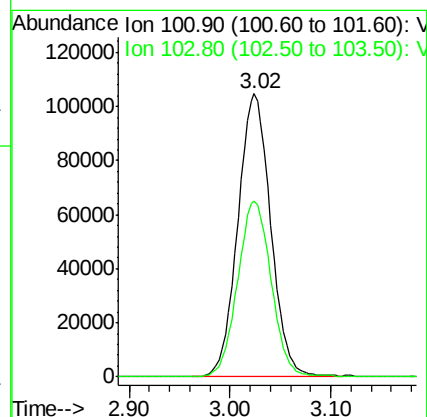
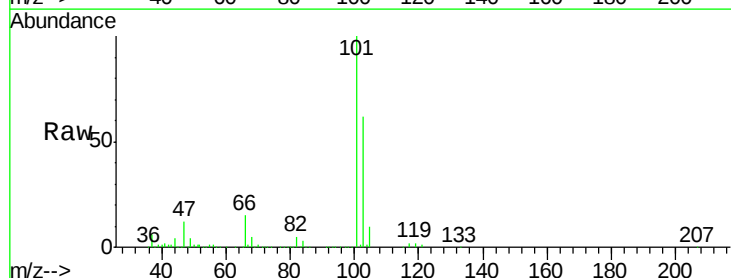
Acq: 15 Sep 2015 23:47

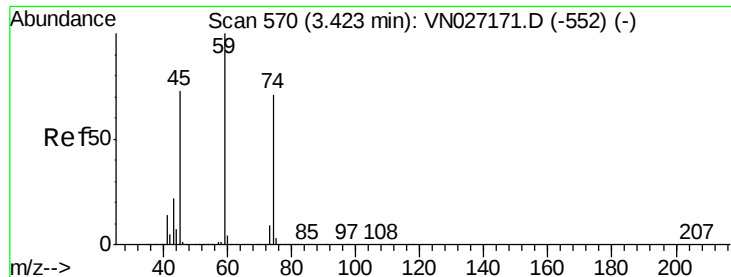
Tgt Ion: 101 Resp: 236483

Ion Ratio Lower Upper

101 100

103 62.2 52.6 79.0





#9

Diethyl Ether

Concen: 19.64 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

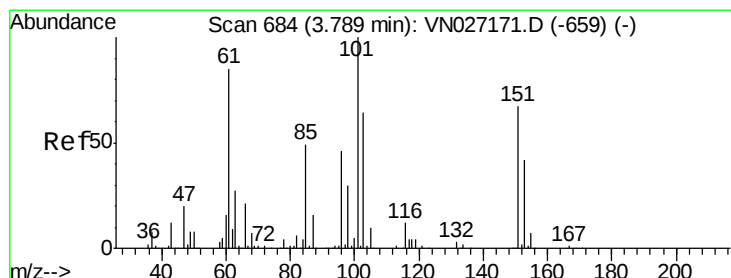
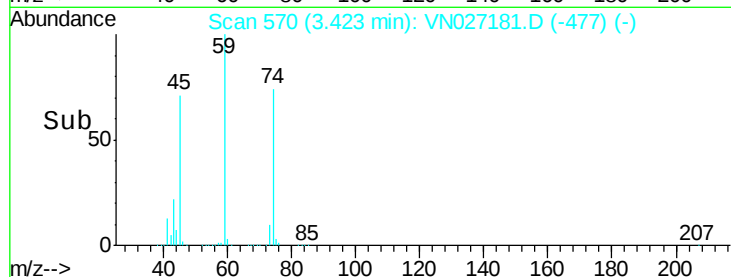
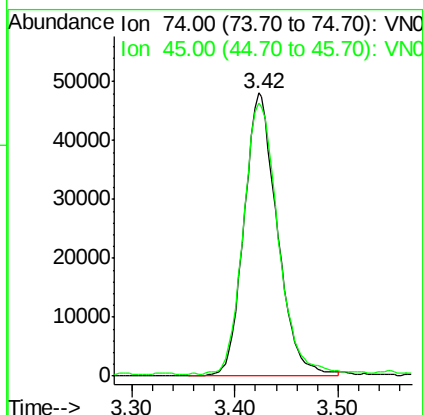
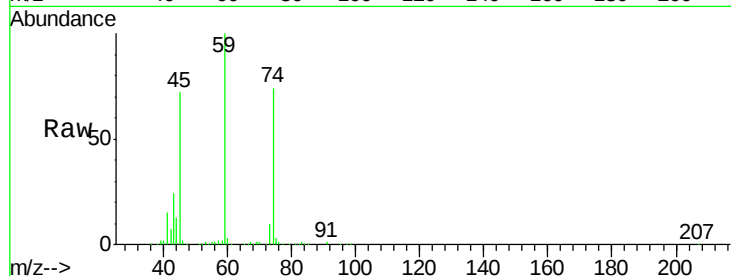
VN0915WBSD01

Tgt Ion: 74 Resp: 107605

Ion Ratio Lower Upper

74 100

45 99.7 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 19.25 ug/l

RT: 3.79 min Scan# 685

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

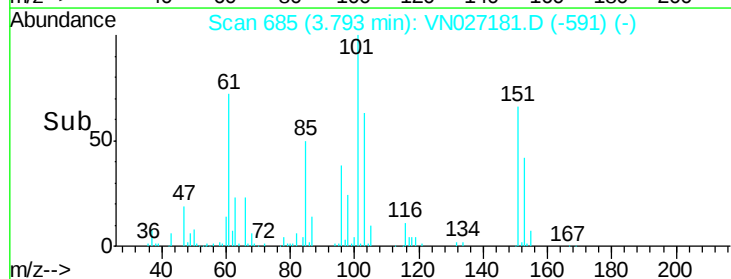
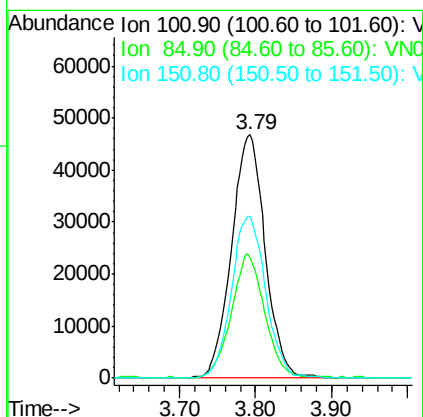
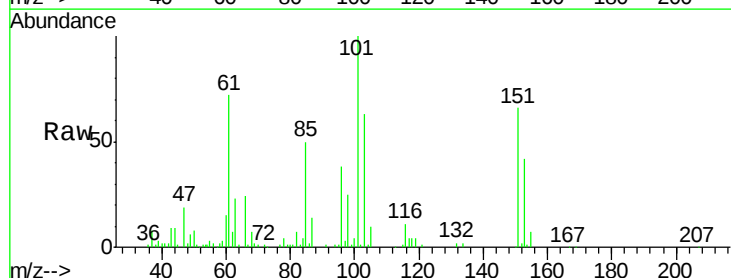
Tgt Ion: 101 Resp: 143981

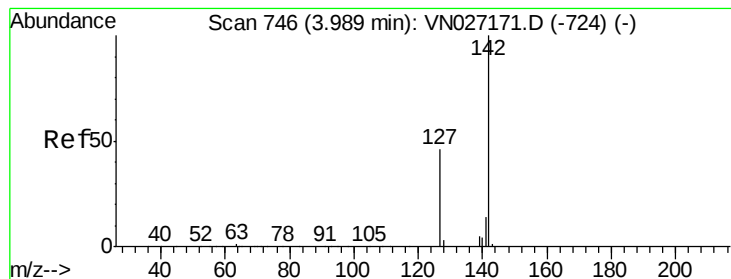
Ion Ratio Lower Upper

101 100

85 50.3 37.4 56.0

151 67.7 55.9 83.9





#11

Methyl Iodide

Concen: 20.35 ug/l

RT: 3.99 min Scan# 747

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampled :

VN0915WBSD01

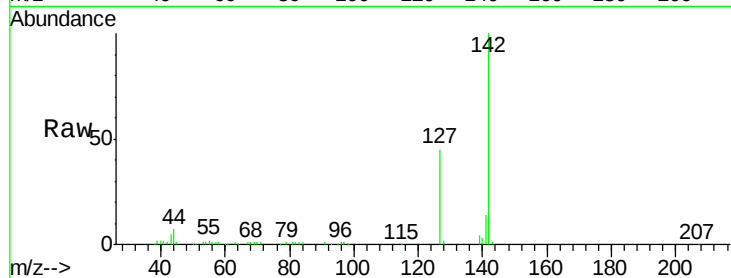
Tgt Ion:142 Resp: 147962

Ion Ratio Lower Upper

142 100

127 47.2 32.3 48.5

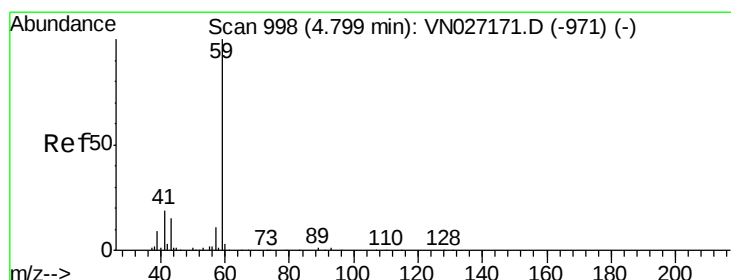
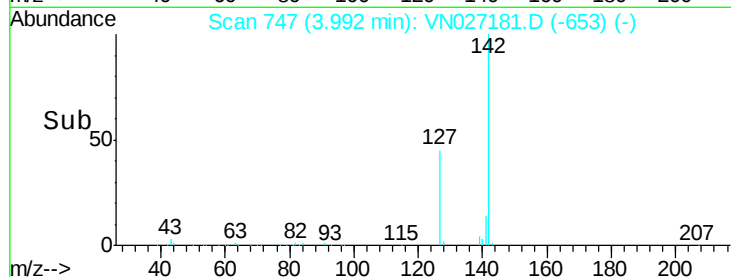
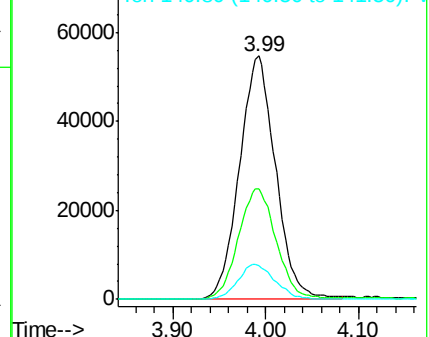
141 14.6 11.2 16.8



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: 92.70 ug/l

RT: 4.80 min Scan# 997

Delta R.T. -0.00 min

Lab File: VN027181.D

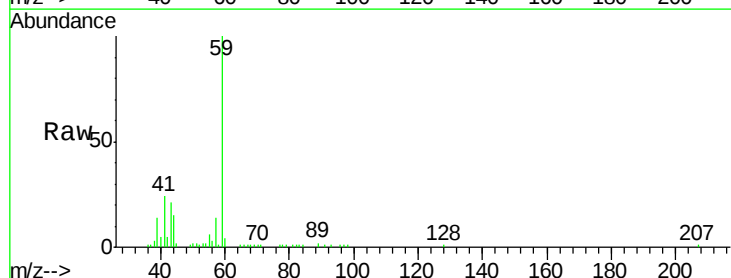
Acq: 15 Sep 2015 23:47

Tgt Ion: 59 Resp: 103601

Ion Ratio Lower Upper

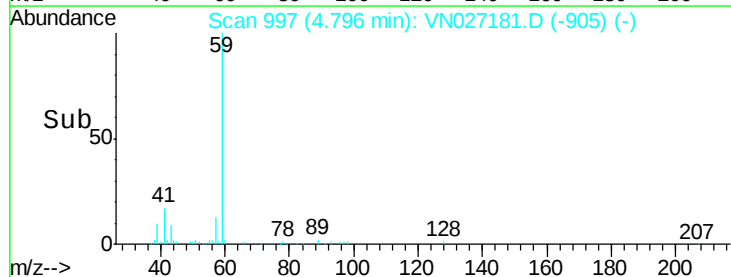
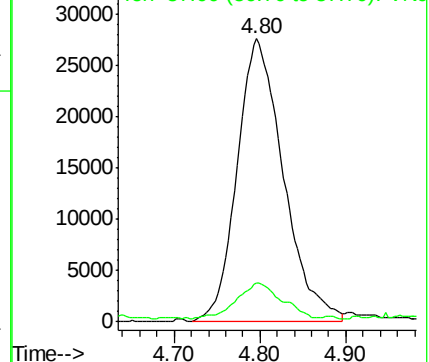
59 100

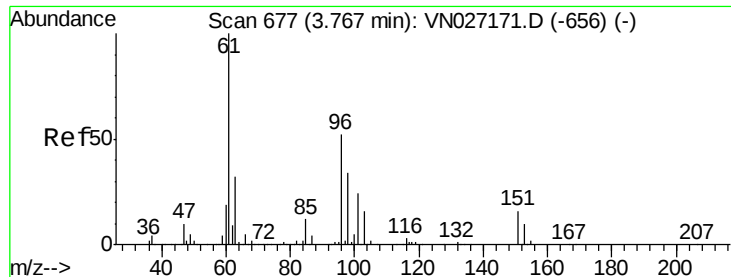
57 11.2 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V





#13

1,1-Dichloroethene

Concen: 19.66 ug/l

RT: 3.77 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

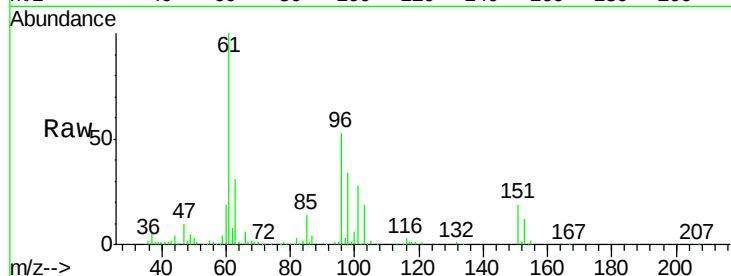
Tgt Ion: 96 Resp: 140827

Ion Ratio Lower Upper

96 100

61 188.0 143.8 215.8

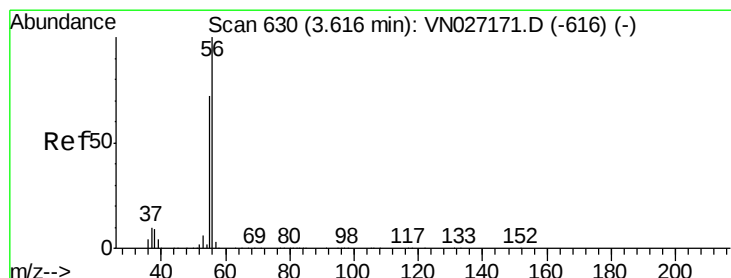
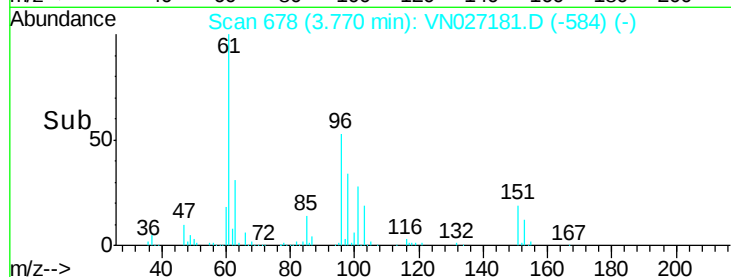
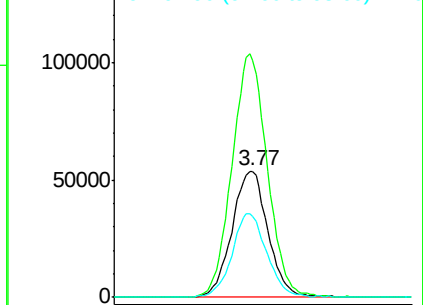
98 64.1 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#14

Acrolein

Concen: 91.16 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN027181.D

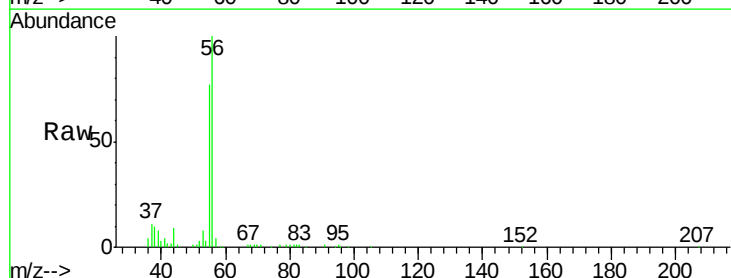
Acq: 15 Sep 2015 23:47

Tgt Ion: 56 Resp: 119692

Ion Ratio Lower Upper

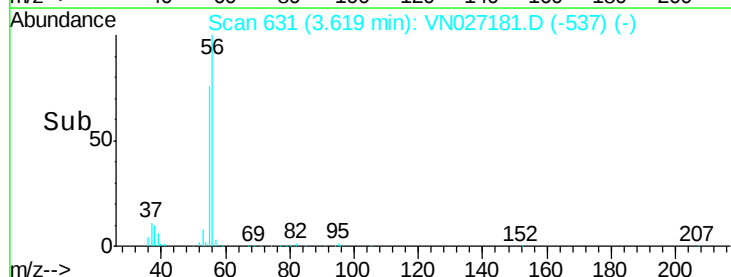
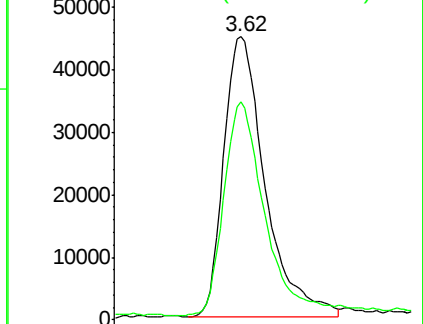
56 100

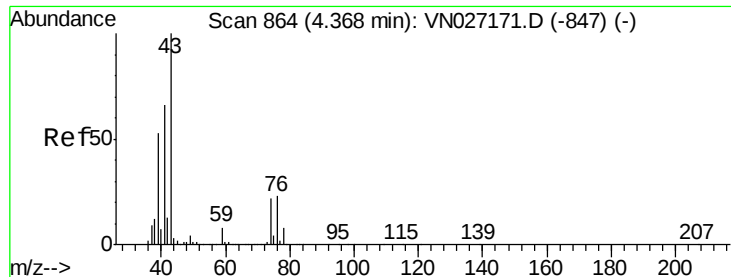
55 76.6 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

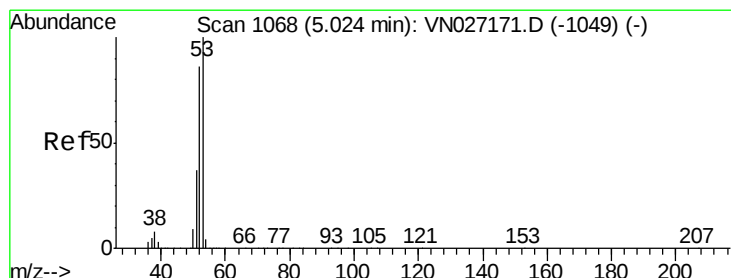
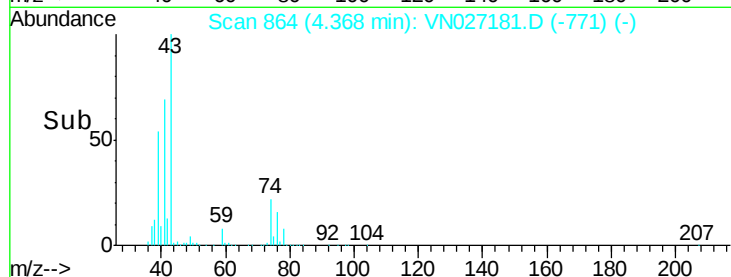
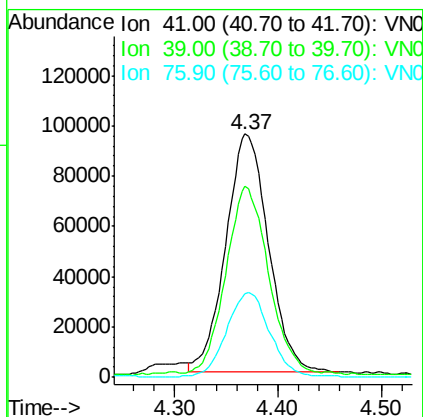
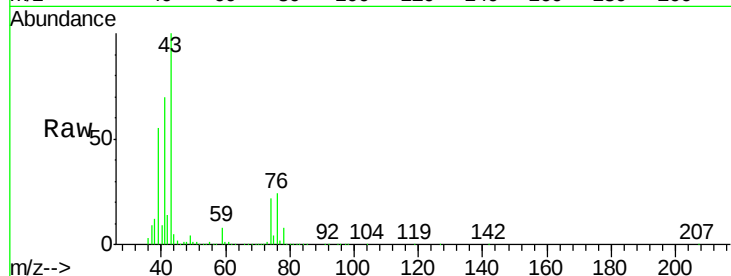




#15
 Allyl chloride
 Concen: 18.76 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

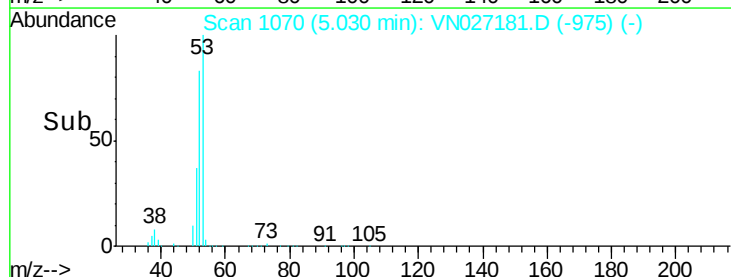
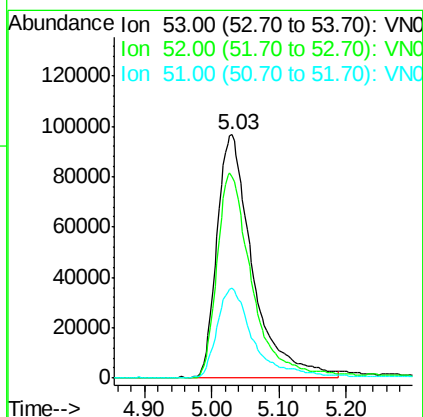
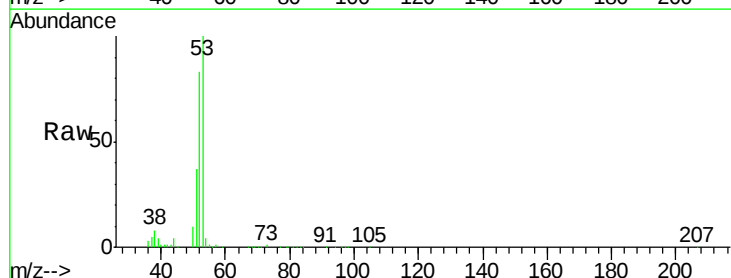
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

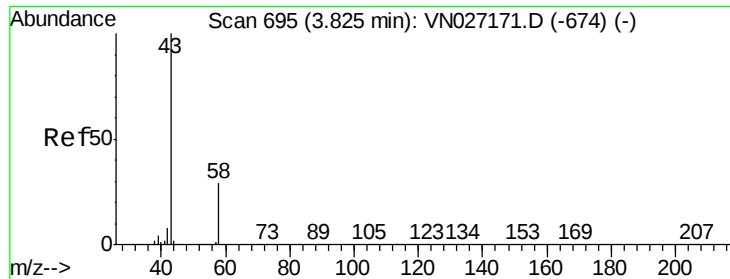
Tgt Ion: 41 Resp: 271450
 Ion Ratio Lower Upper
 41 100
 39 78.7 49.7 74.5#
 76 35.4 24.8 37.2



#16
 Acrylonitrile
 Concen: 97.39 ug/l
 RT: 5.03 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion: 53 Resp: 355943
 Ion Ratio Lower Upper
 53 100
 52 81.2 66.9 100.3
 51 37.8 27.4 41.0





#17

Acetone

Concen: 93.10 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampled :

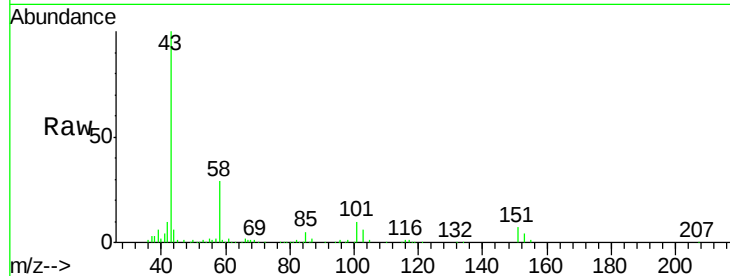
VN0915WBSD01

Tgt Ion: 43 Resp: 286891

Ion Ratio Lower Upper

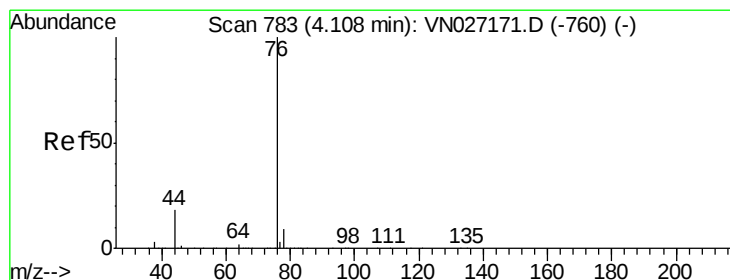
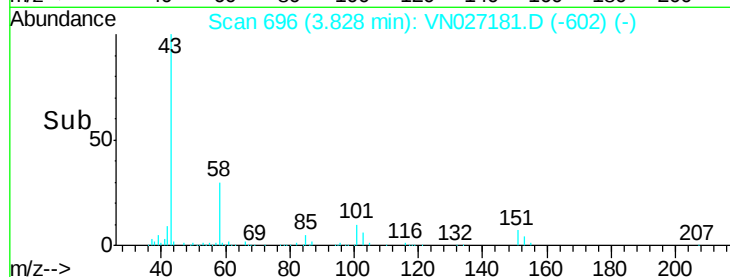
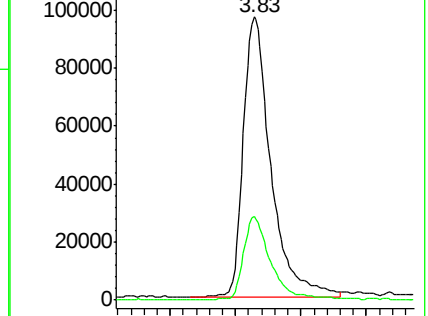
43 100

58 29.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 19.18 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027181.D

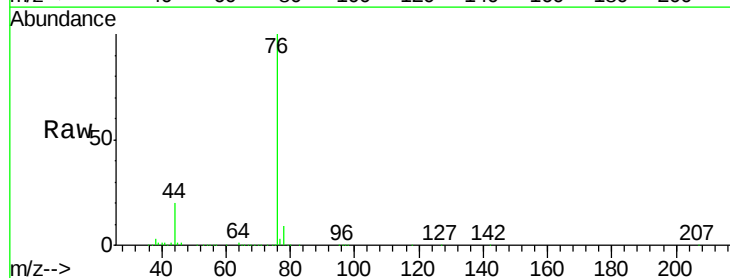
Acq: 15 Sep 2015 23:47

Tgt Ion: 76 Resp: 447443

Ion Ratio Lower Upper

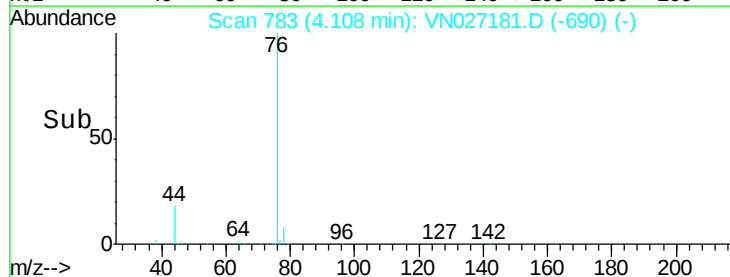
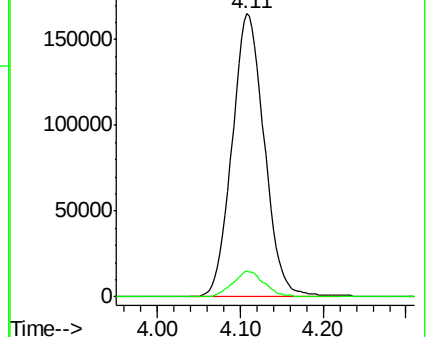
76 100

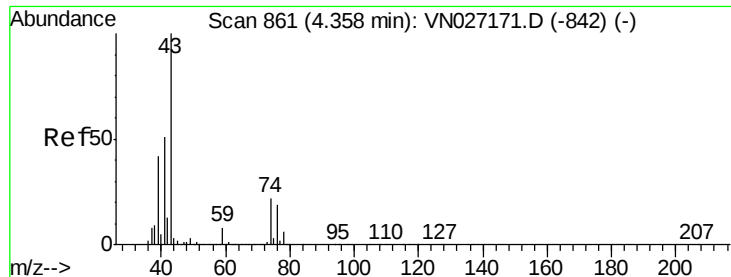
78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

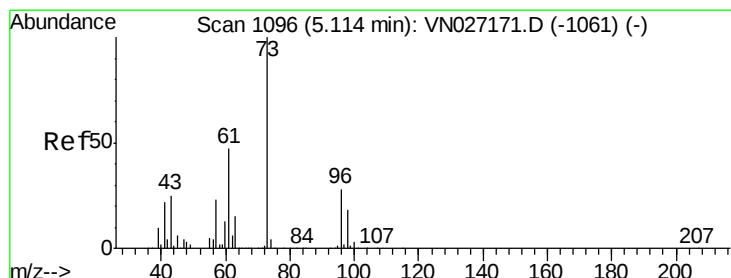
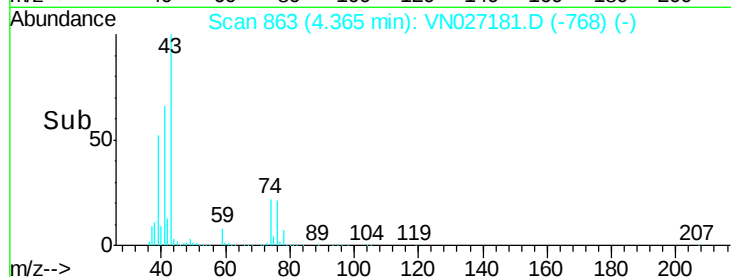
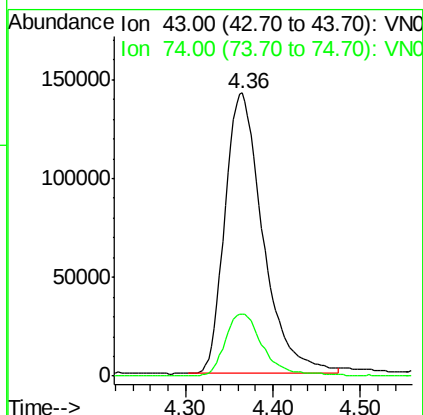
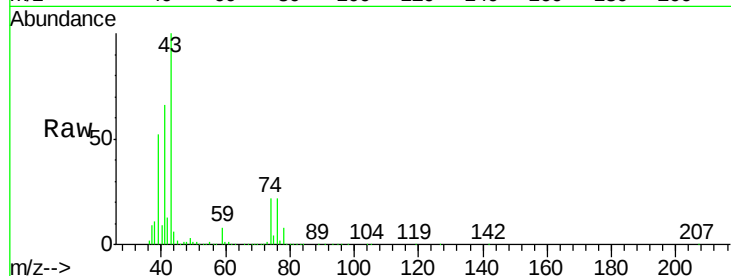




#19
Methyl Acetate
Concen: 19.29 ug/l
RT: 4.36 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

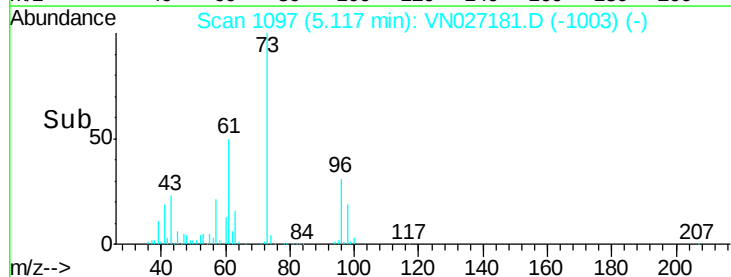
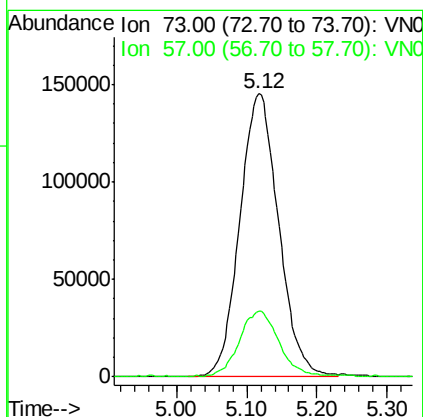
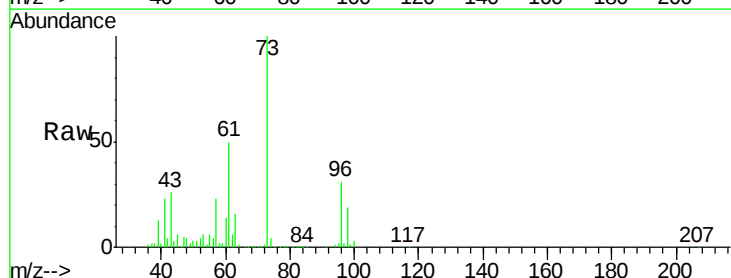
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

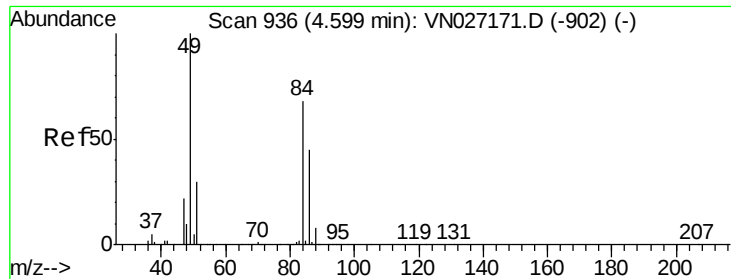
Tgt Ion: 43 Resp: 430622
Ion Ratio Lower Upper
43 100
74 21.7 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 19.42 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

Tgt Ion: 73 Resp: 558305
Ion Ratio Lower Upper
73 100
57 23.0 19.8 29.6

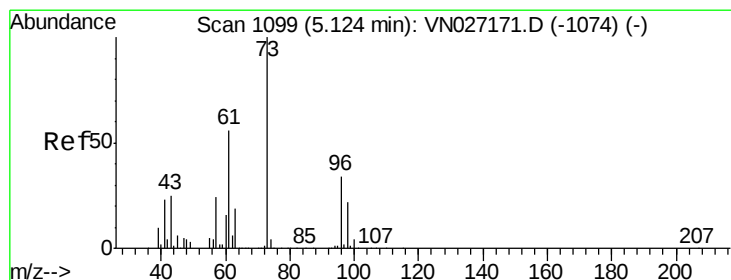
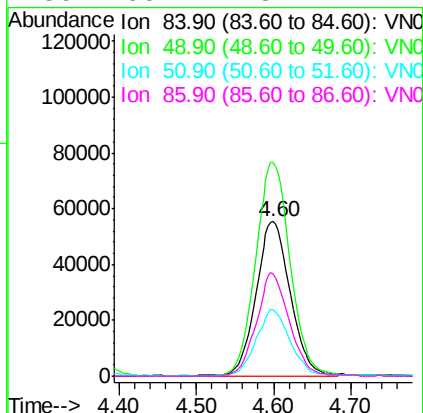
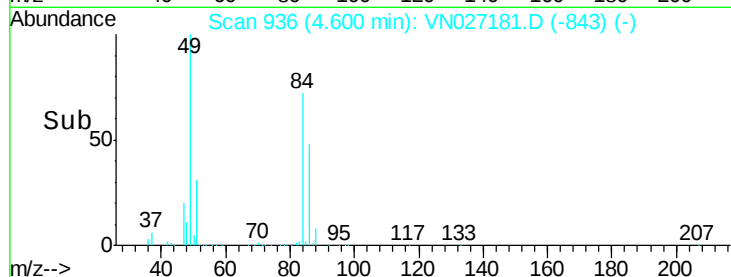
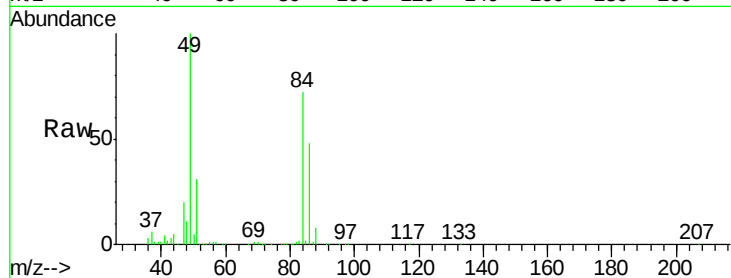




#21
Methylene Chloride
Concen: 19.95 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

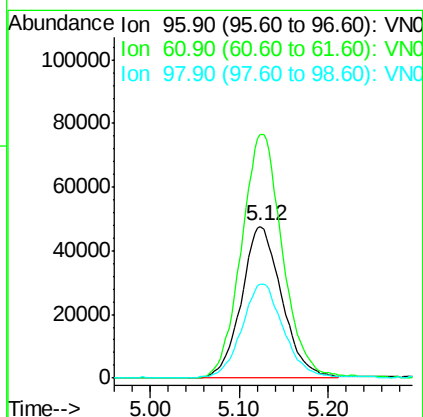
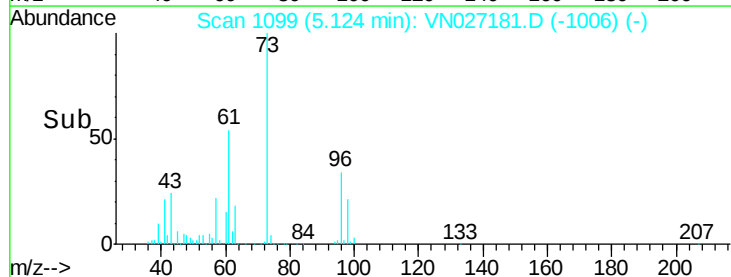
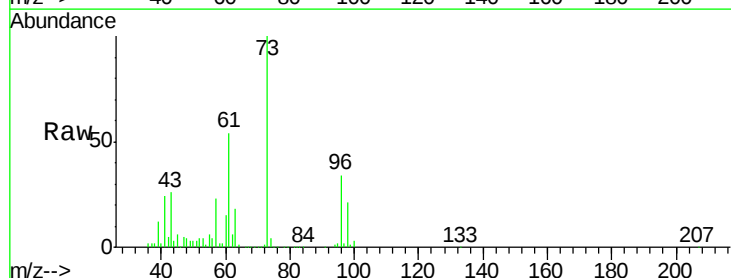
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

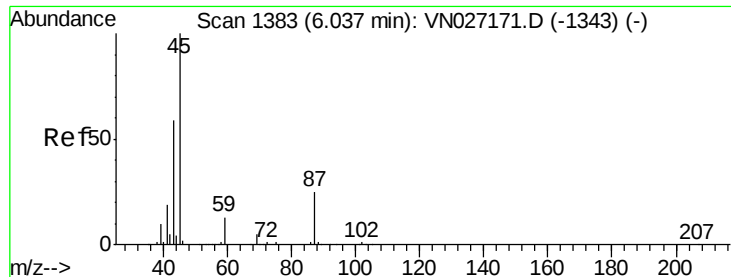
Tgt Ion: 84 Resp: 171269
Ion Ratio Lower Upper
84 100
49 138.3 112.3 168.5
51 42.9 33.8 50.8
86 66.7 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 19.41 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

Tgt Ion: 96 Resp: 150396
Ion Ratio Lower Upper
96 100
61 160.2 126.6 189.8
98 61.6 47.4 71.2

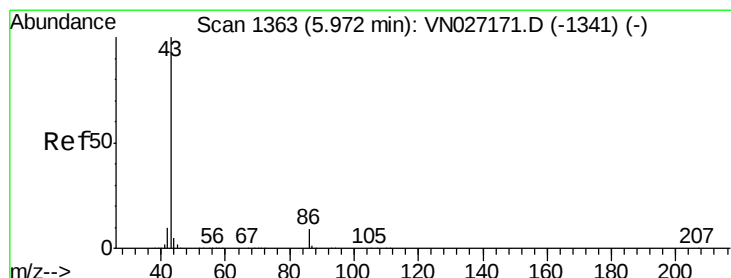
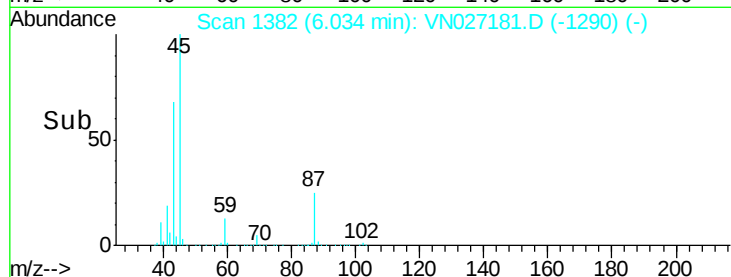
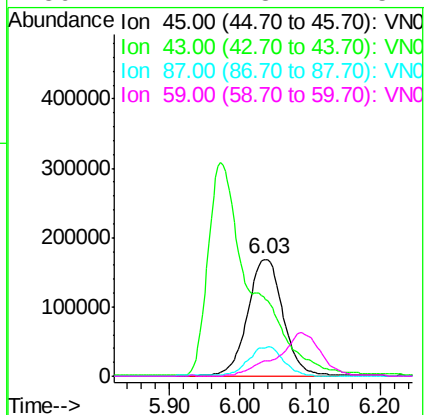
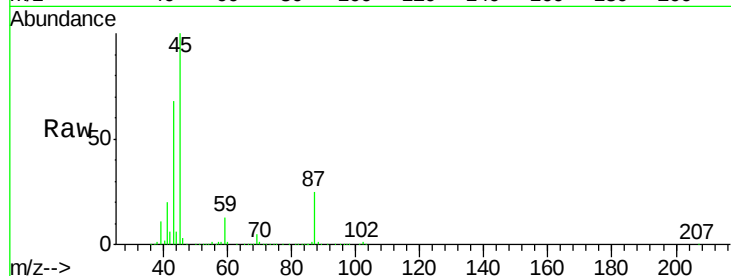




#23
Diisopropyl ether
Concen: 19.48 ug/l
RT: 6.03 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

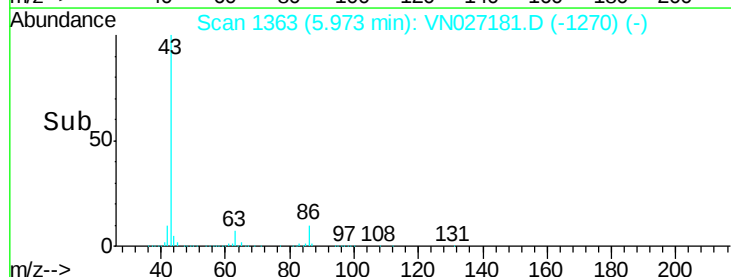
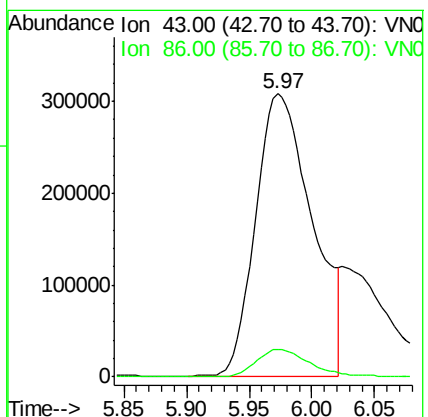
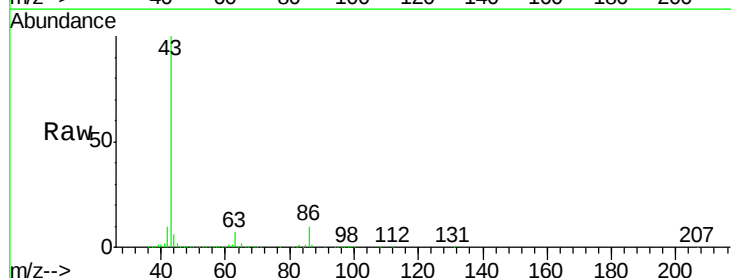
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

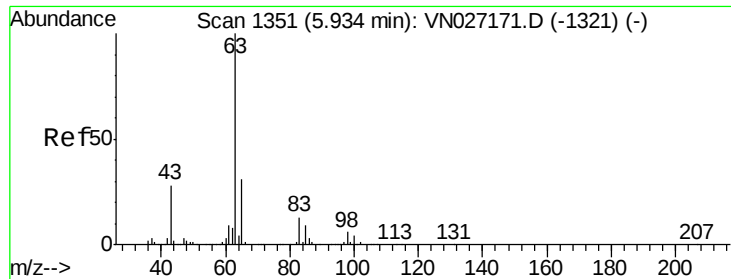
Tgt Ion:	45	Resp:	591213
Ion	Ratio	Lower	Upper
45	100		
43	65.6	41.0	61.6#
87	24.2	17.5	26.3
59	12.4	8.7	13.1



#24
Vinyl Acetate
Concen: 95.95 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

Tgt Ion:	43	Resp:	963915
Ion	Ratio	Lower	Upper
43	100		
86	9.9	6.9	10.3

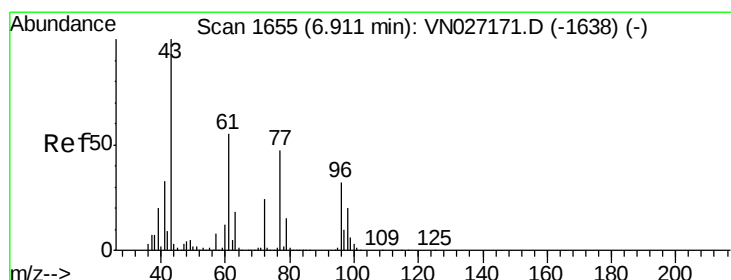
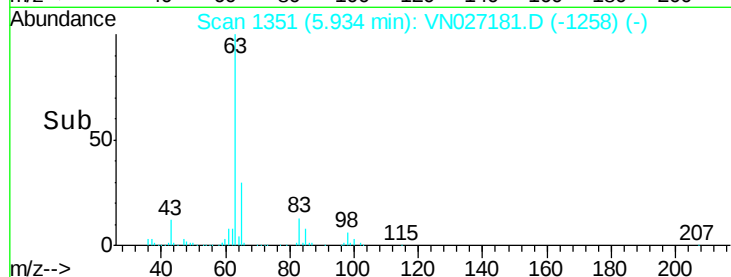
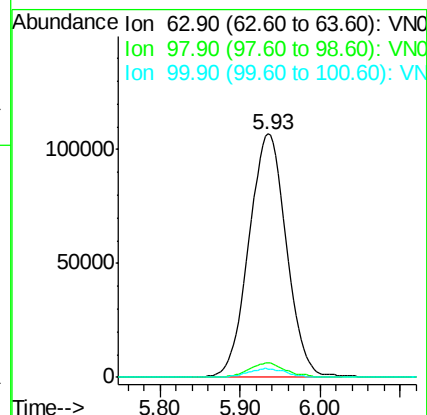
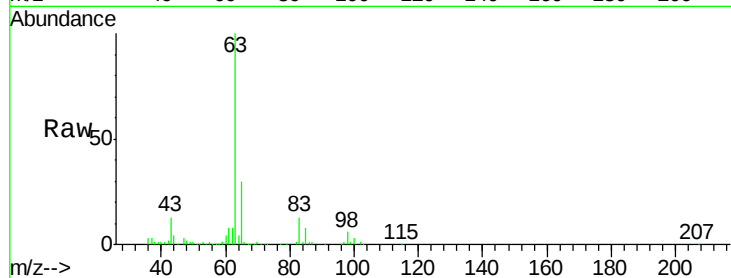




#25
 1,1-Dichloroethane
 Concen: 19.41 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

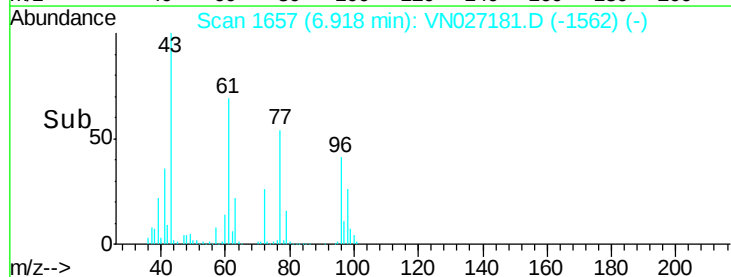
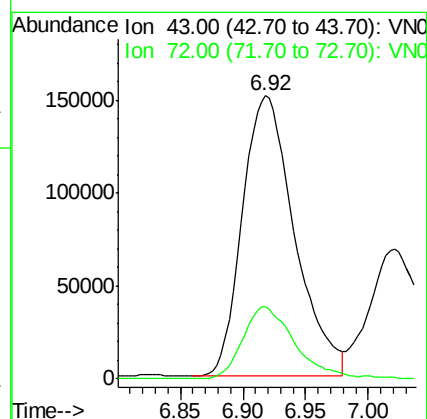
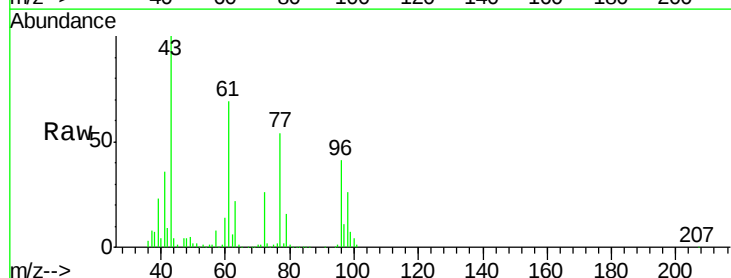
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

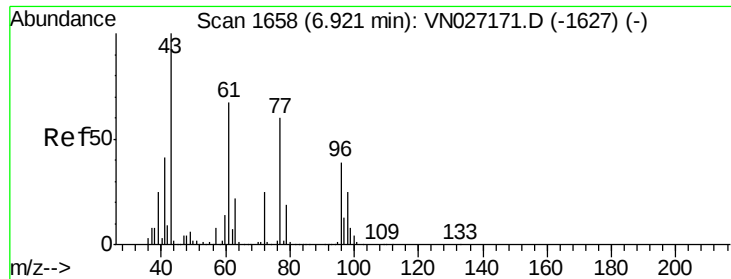
Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.8	8.3
100	3.5	1.7	5.0



#26
 2-Butanone
 Concen: 94.44 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.9	18.8	28.2

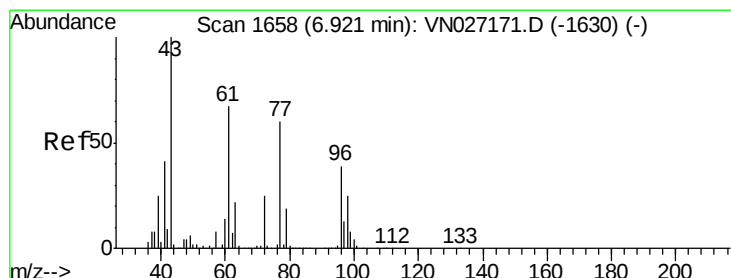
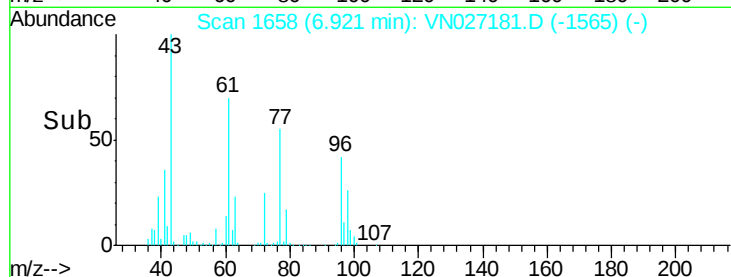
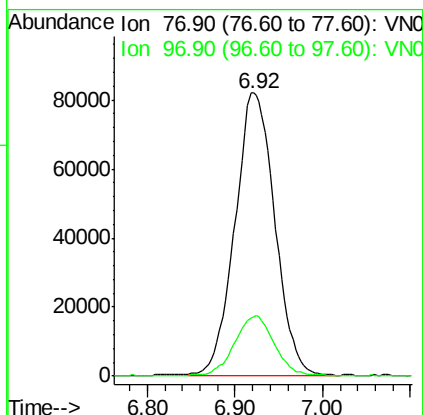
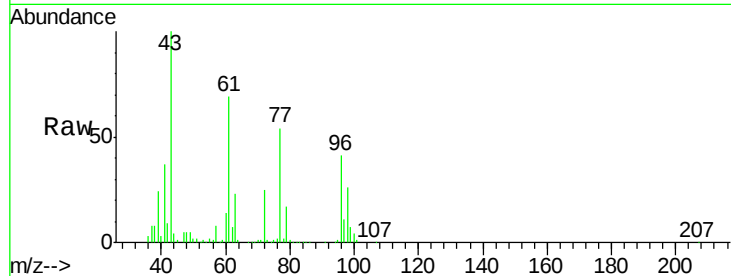




#27
 2,2-Dichloropropane
 Concen: 16.86 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

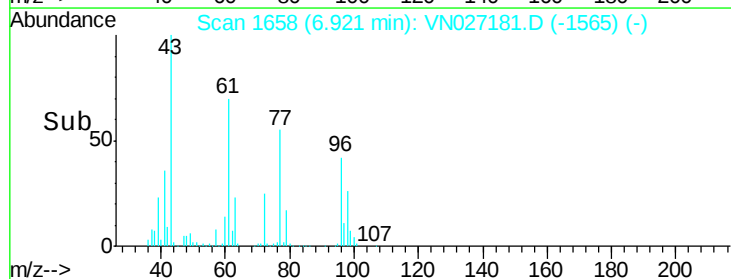
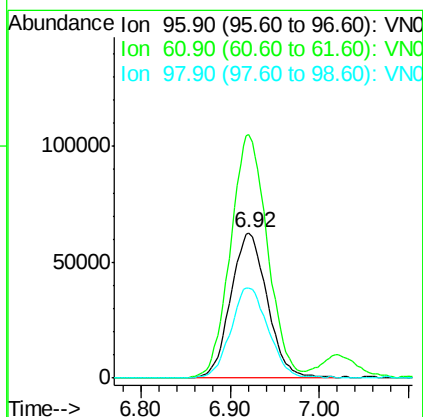
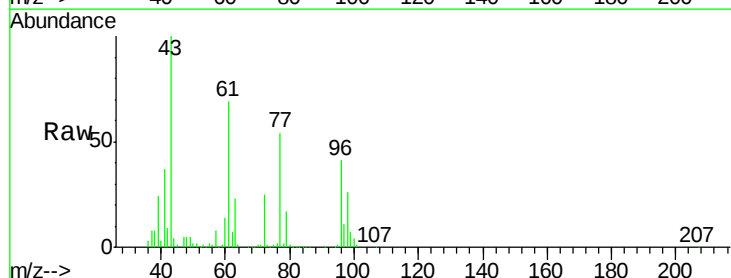
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

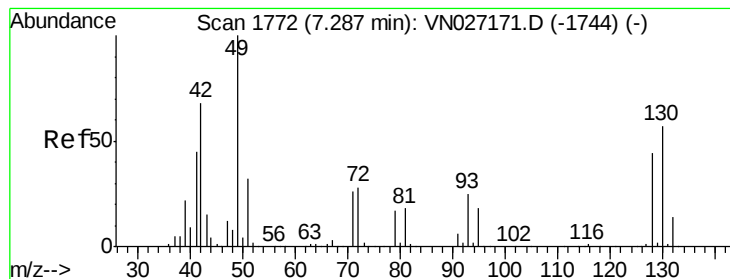
Tgt Ion: 77 Resp: 257927
 Ion Ratio Lower Upper
 77 100
 97 21.6 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 19.79 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion: 96 Resp: 175806
 Ion Ratio Lower Upper
 96 100
 61 169.7 0.0 329.2
 98 63.8 0.0 126.0





#29

Bromochloromethane

Concen: 20.88 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampled :

VN0915WBSD01

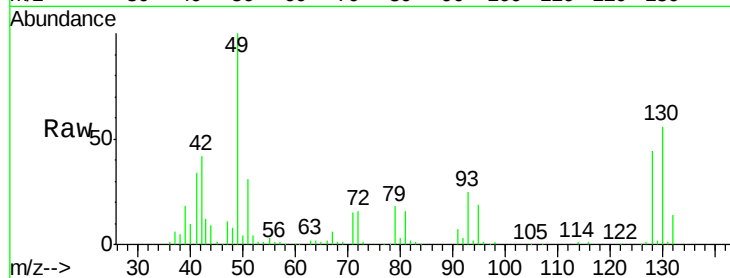
Tgt Ion: 49 Resp: 142927

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

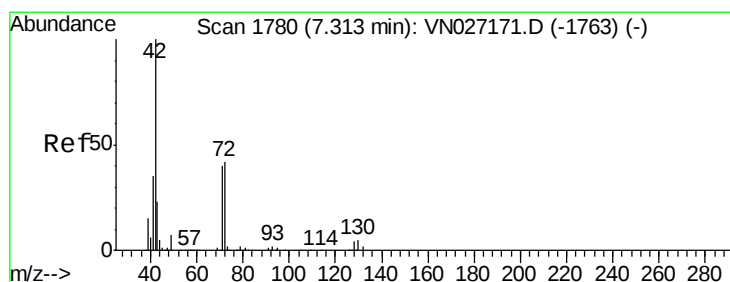
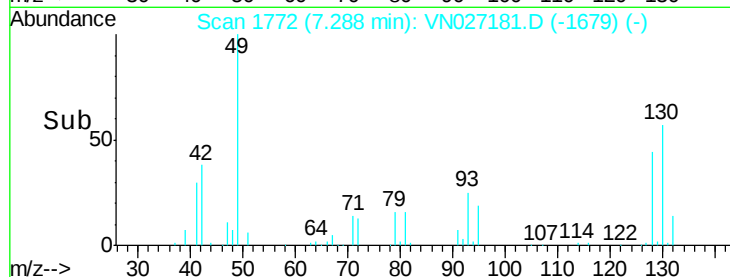
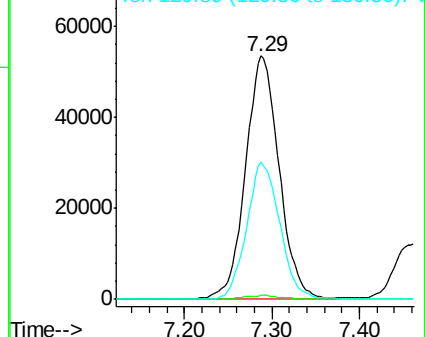
130 55.5 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0



#30

Tetrahydrofuran

Concen: 89.90 ug/l

RT: 7.32 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

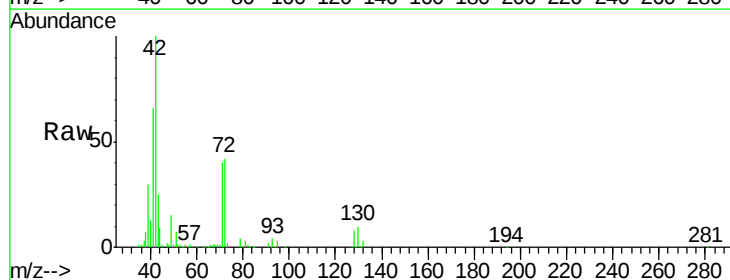
Tgt Ion: 42 Resp: 287520

Ion Ratio Lower Upper

42 100

72 43.6 29.9 44.9

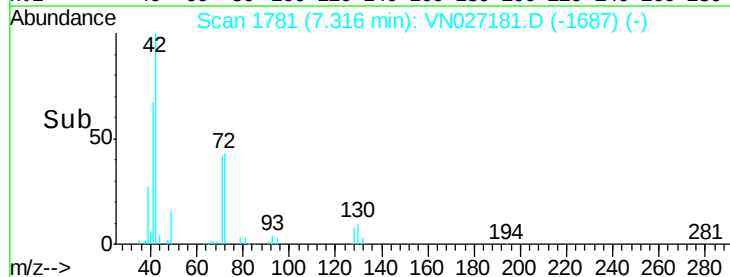
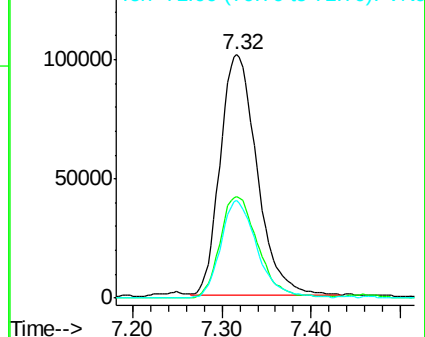
71 40.6 28.3 42.5

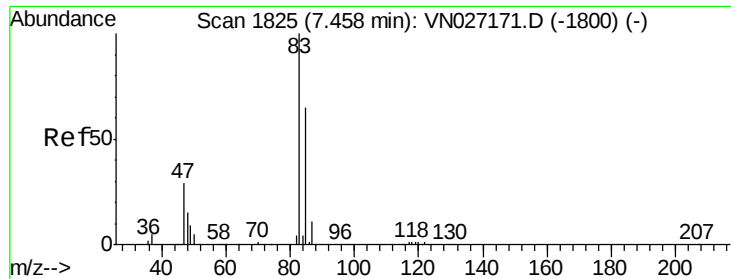


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Chloroform

Concen: 20.09 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampled :

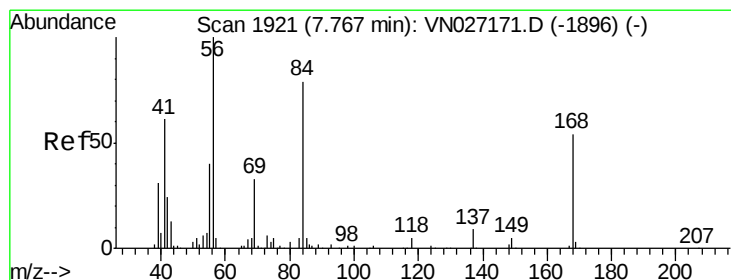
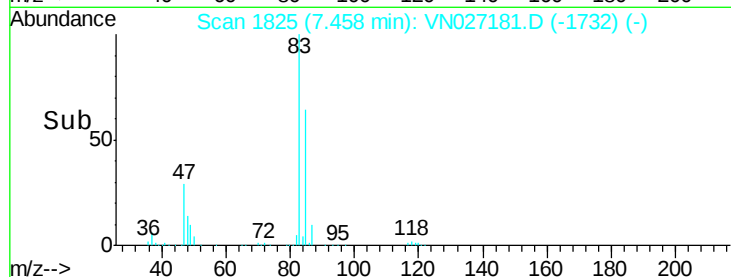
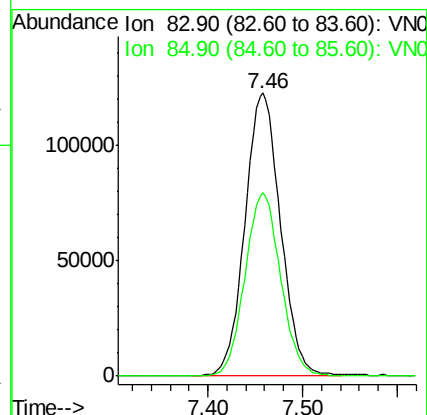
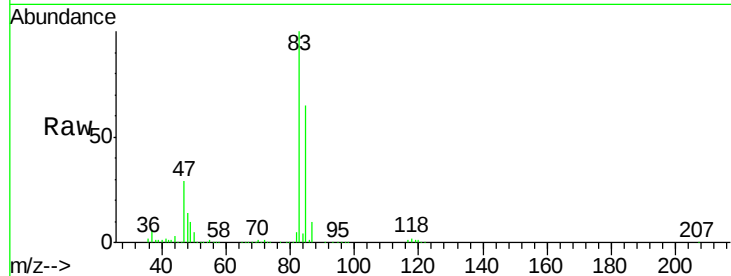
VN0915WBSD01

Tgt Ion: 83 Resp: 320111

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7



#32

Cyclohexane

Concen: 20.29 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

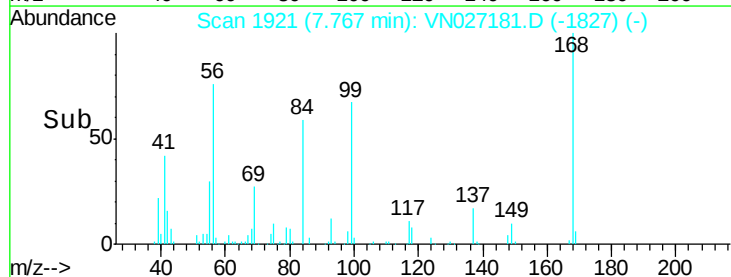
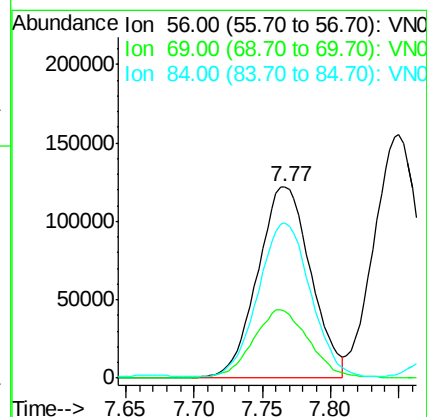
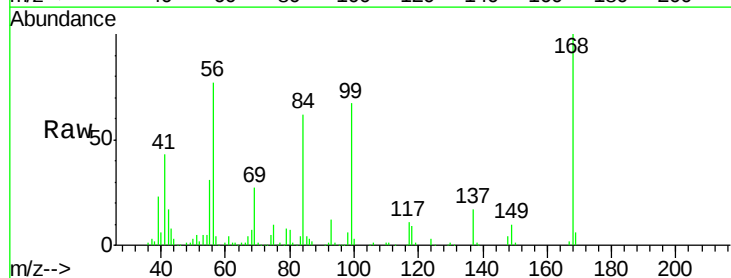
Tgt Ion: 56 Resp: 327166

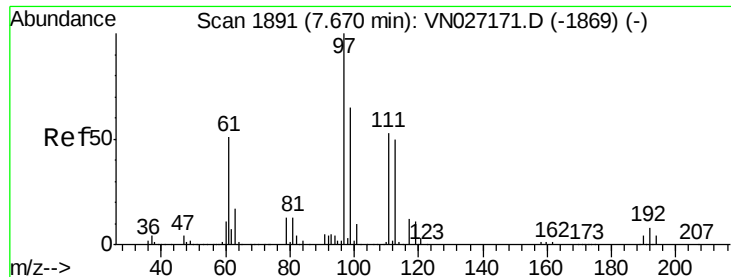
Ion Ratio Lower Upper

56 100

69 34.7 23.0 34.4#

84 81.0 57.8 86.8

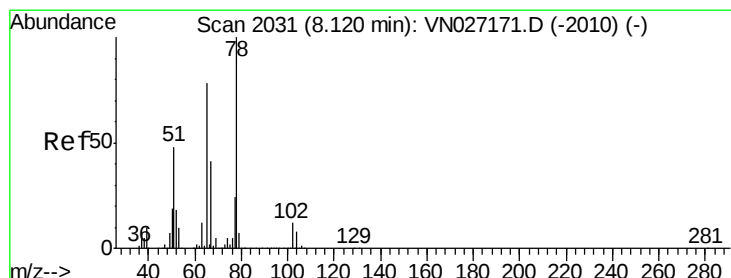
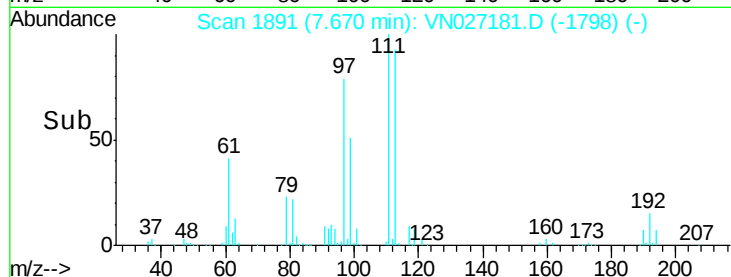
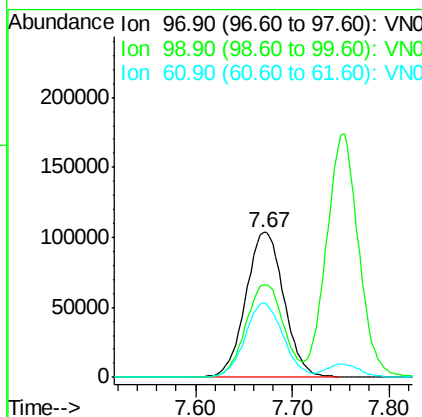
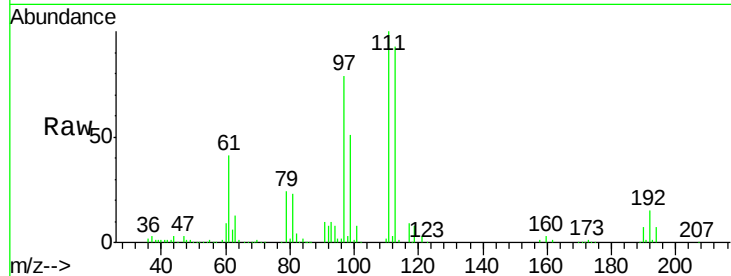




#33
 1,1,1-Trichloroethane
 Concen: 20.02 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

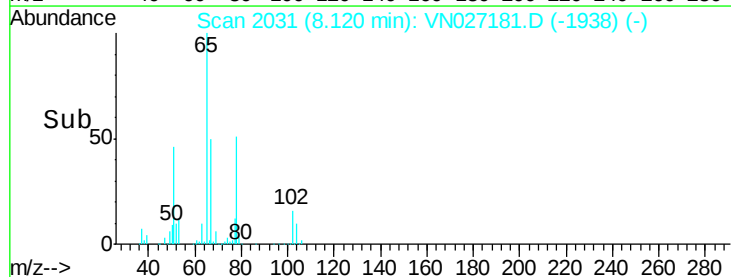
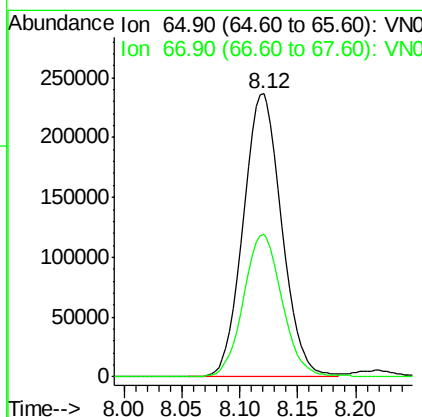
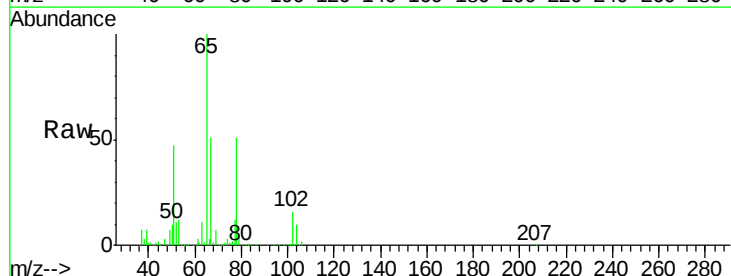
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

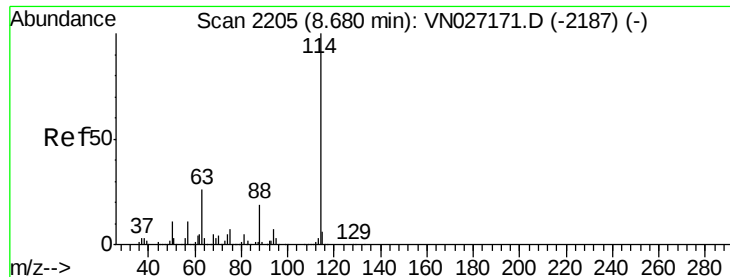
Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.1	75.1
61	51.1	44.0	66.0



#34
 1,2-Dichloroethane-d4
 Concen: 47.72 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	110.6

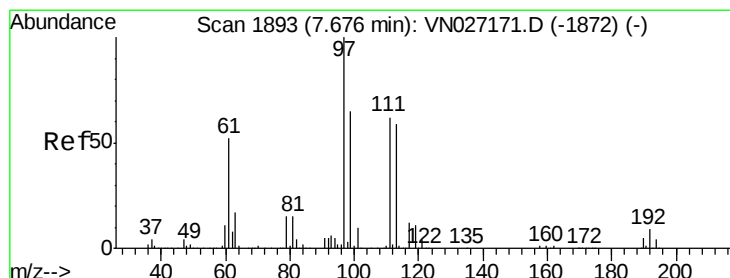
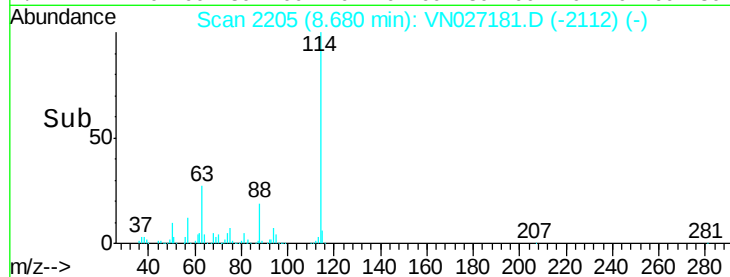
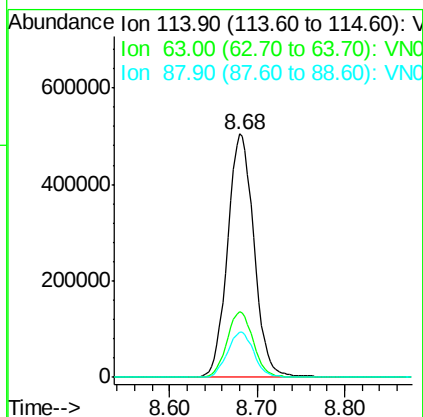
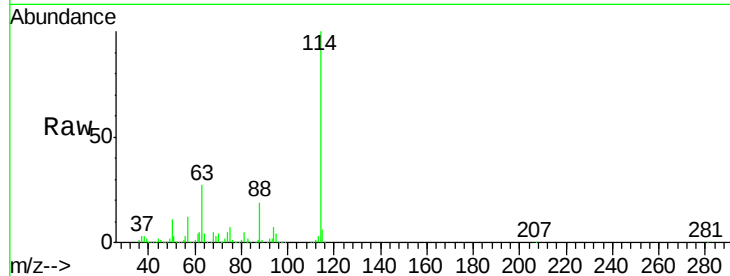




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

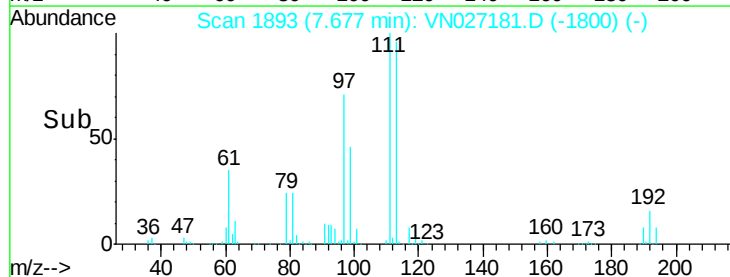
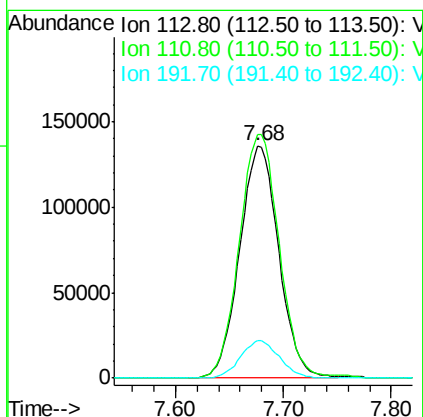
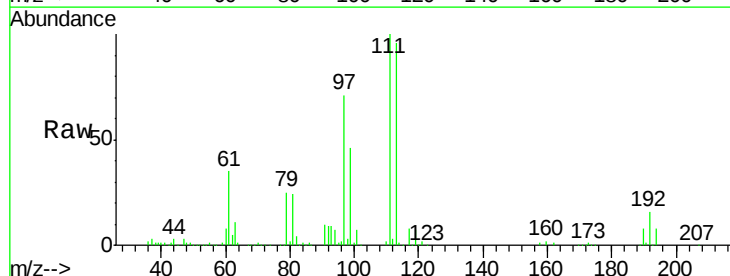
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

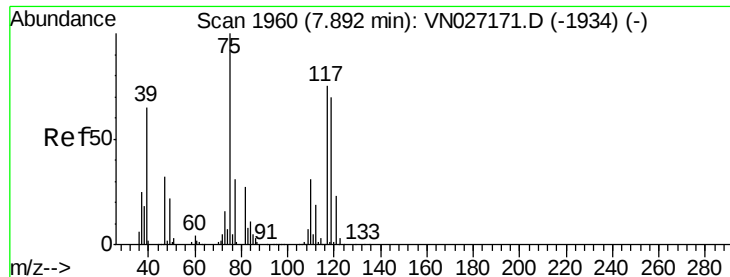
Tgt Ion:114 Resp: 1059491
 Ion Ratio Lower Upper
 114 100
 63 26.9 0.0 48.8
 88 18.6 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 46.57 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion:113 Resp: 342048
 Ion Ratio Lower Upper
 113 100
 111 107.6 83.0 124.4
 192 16.1 14.1 21.1

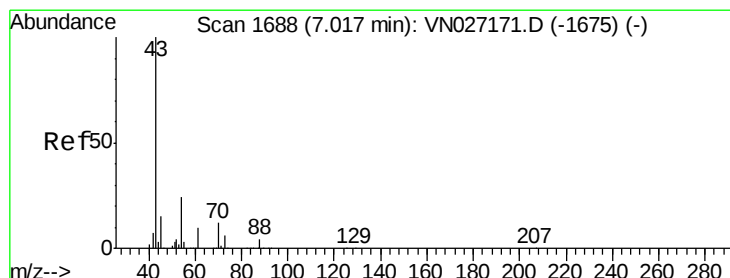
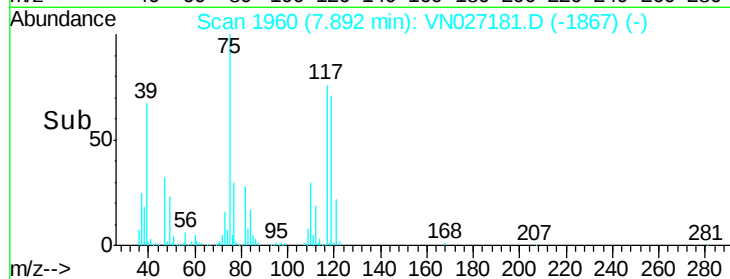
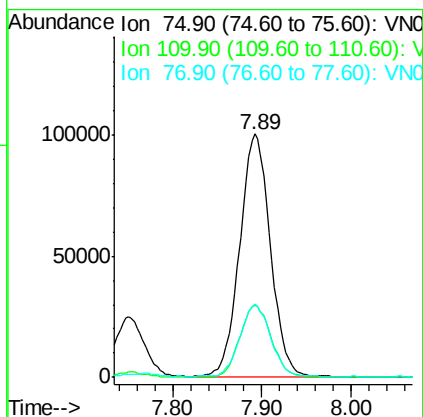
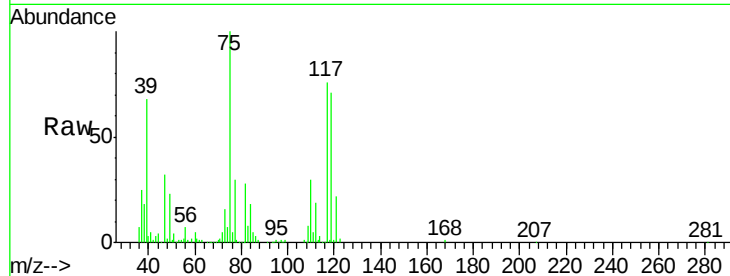




#37
 1,1-Dichloropropene
 Concen: 19.37 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

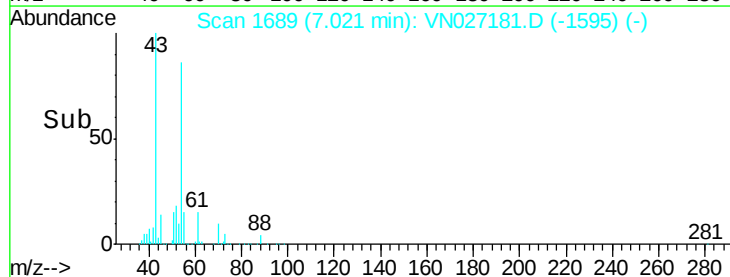
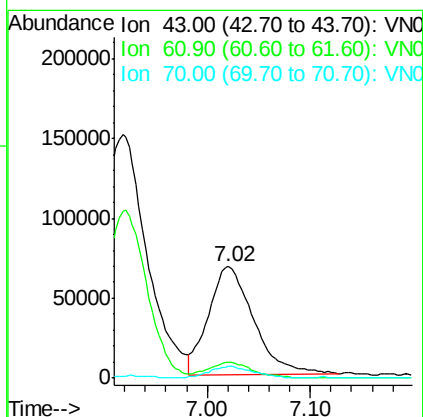
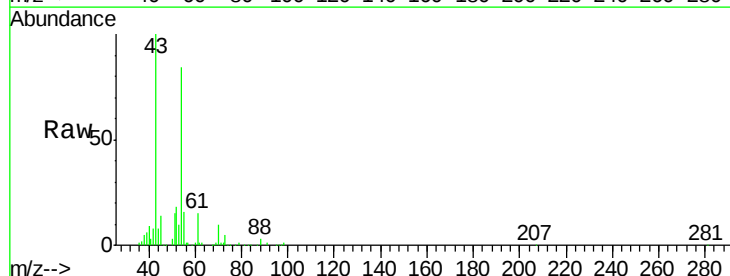
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

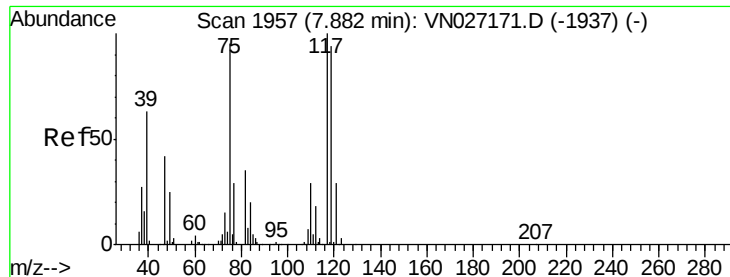
Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.5	15.9	47.7
77	29.4	24.9	37.3



#38
 Ethyl Acetate
 Concen: 18.84 ug/l
 RT: 7.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	9.6	7.4	11.0





#39

Carbon Tetrachloride

Concen: 18.98 ug/l

RT: 7.89 min Scan# 1958

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

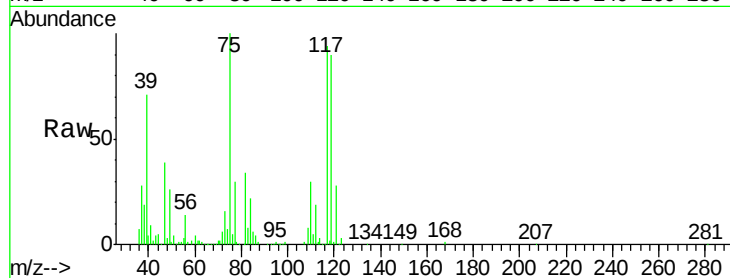
Tgt Ion:117 Resp: 221355

Ion Ratio Lower Upper

117 100

119 95.6 75.3 112.9

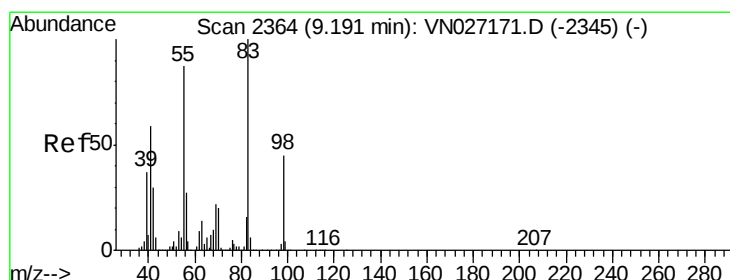
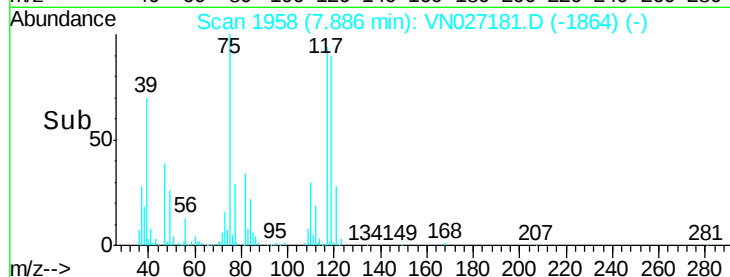
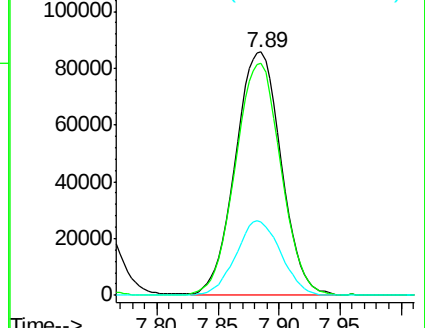
121 30.1 23.8 35.8



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: 19.07 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

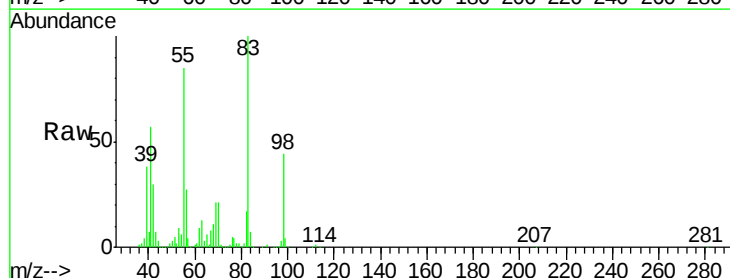
Tgt Ion: 83 Resp: 288007

Ion Ratio Lower Upper

83 100

55 84.3 69.8 104.8

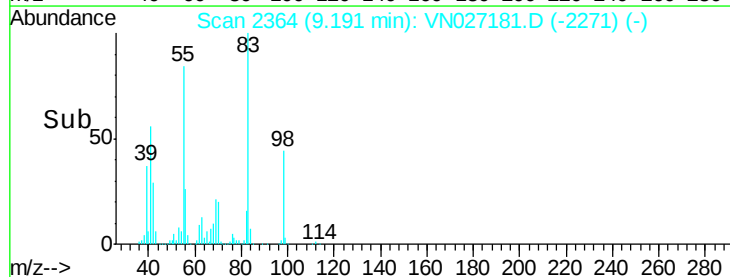
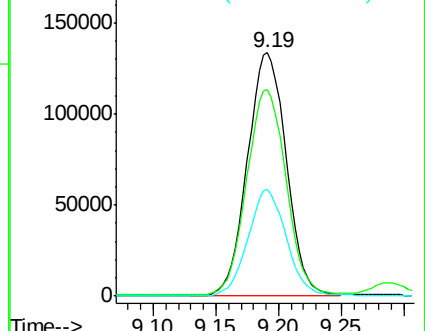
98 43.5 34.3 51.5

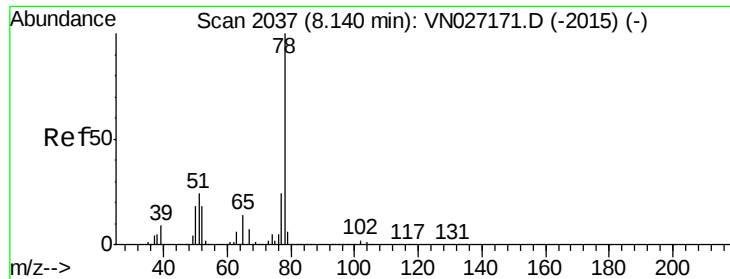


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#41

Benzene

Concen: 19.55 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

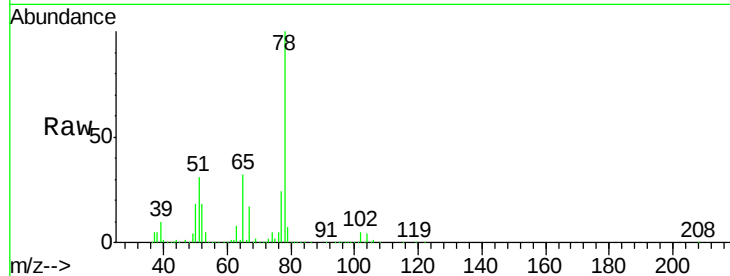
VN0915WBSD01

Tgt Ion: 78 Resp: 707592

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VNC

Ion 77.00 (76.70 to 77.70): VNC

8.14

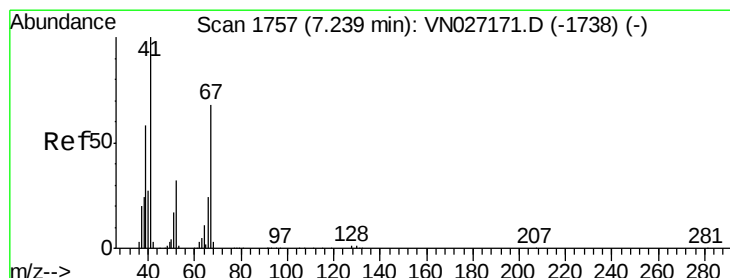
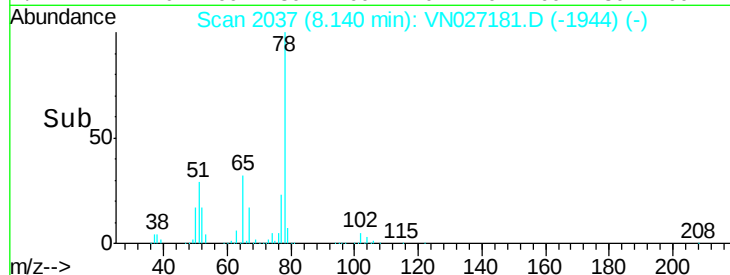
300000

200000

100000

0

Time--> 8.00 8.10 8.20 8.30



#42

Methacrylonitrile

Concen: 18.63 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Tgt Ion: 41 Resp: 111715

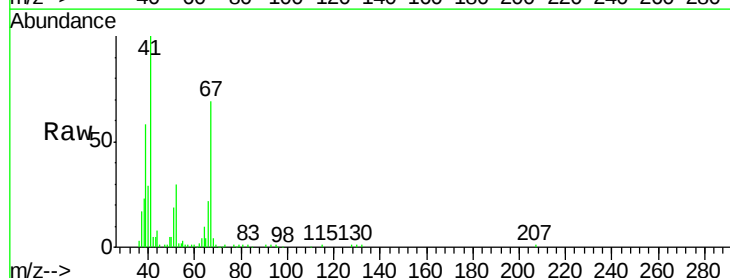
Ion Ratio Lower Upper

41 100

39 62.6 43.0 64.6

67 75.4 52.2 78.2

52 34.2 21.3 31.9#



Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC

100000

80000

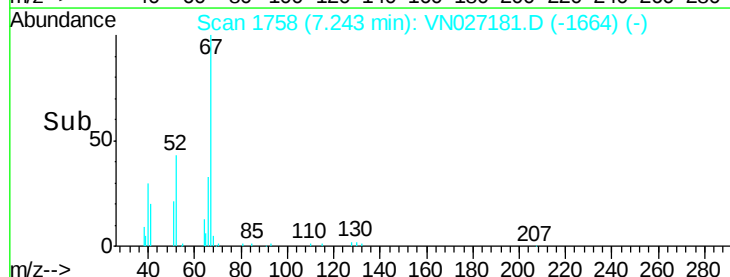
60000

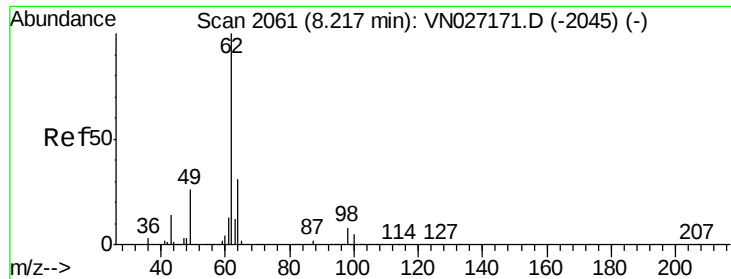
40000

20000

0

Time--> 7.15 7.20 7.25 7.30

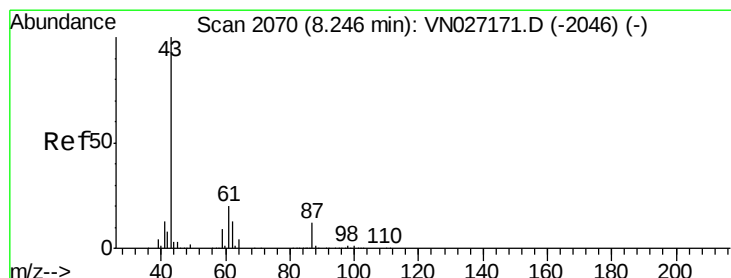
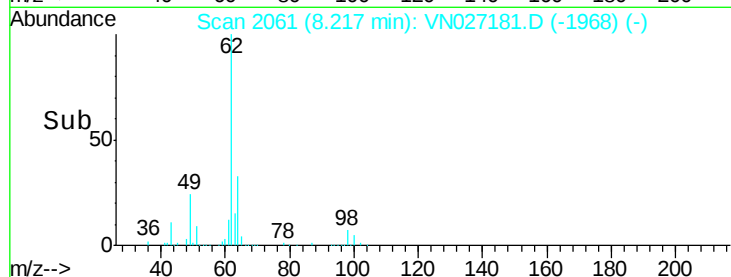
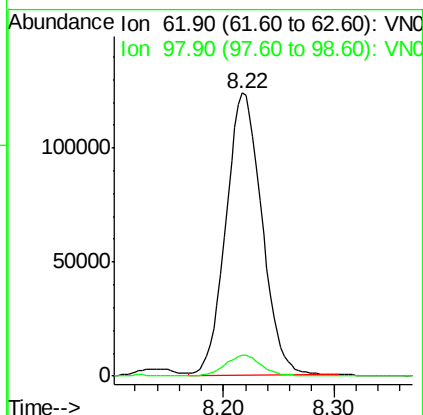
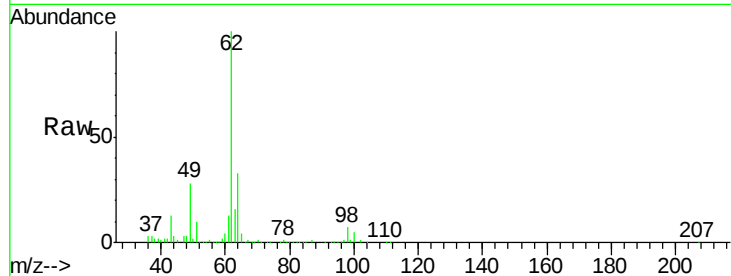




#43
 1,2-Dichloroethane
 Concen: 19.22 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

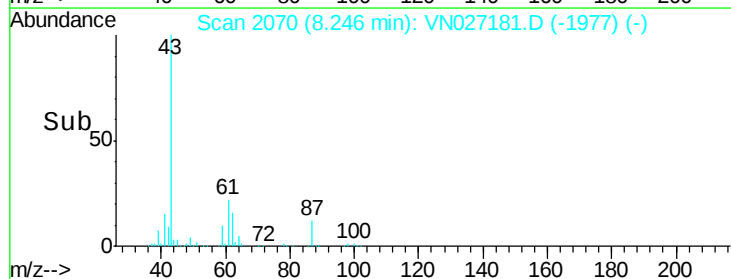
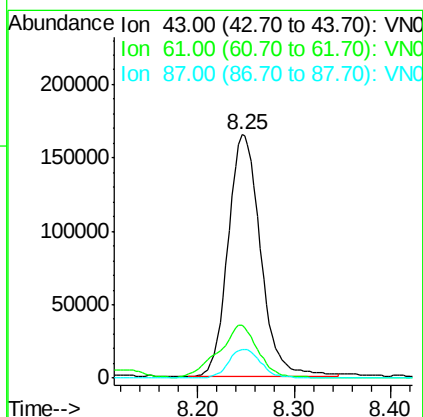
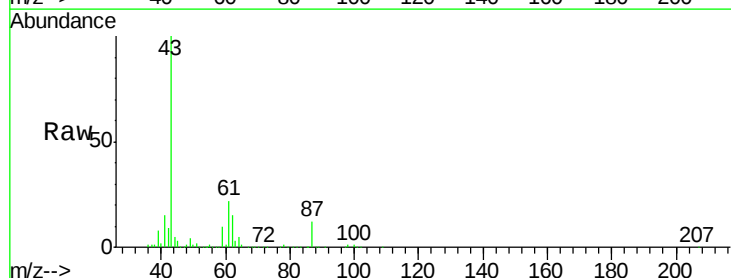
Instrument :
 MSVOA_N
 ClientSampled :
 VN0915WBSD01

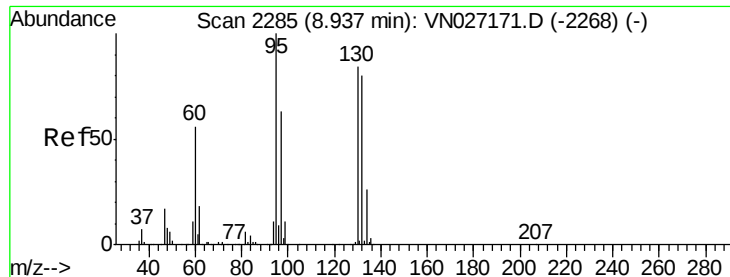
Tgt Ion: 62 Resp: 280221
 Ion Ratio Lower Upper
 62 100
 98 7.1 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 19.41 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion: 43 Resp: 384672
 Ion Ratio Lower Upper
 43 100
 61 25.9 20.6 31.0
 87 12.1 8.6 13.0





#45

Trichloroethene

Concen: 19.64 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

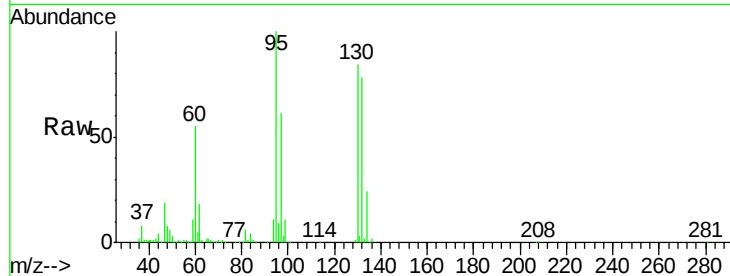
VN0915WBSD01

Tgt Ion:130 Resp: 142736

Ion Ratio Lower Upper

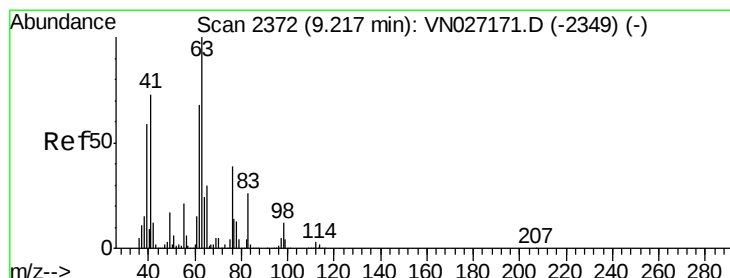
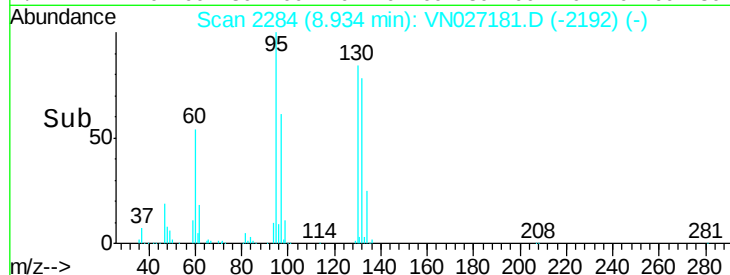
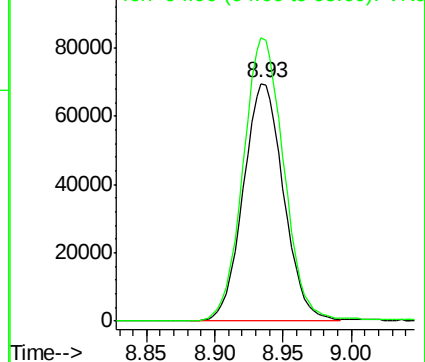
130 100

95 119.1 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

1,2-Dichloropropane

Concen: 18.97 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027181.D

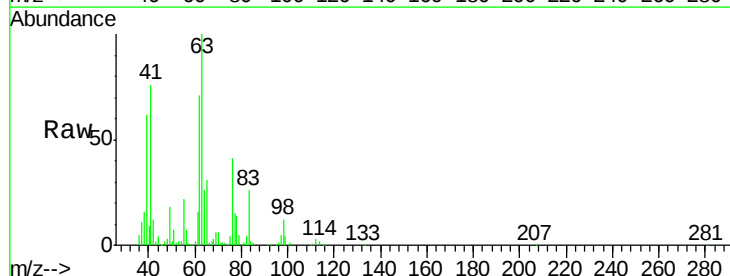
Acq: 15 Sep 2015 23:47

Tgt Ion: 63 Resp: 197468

Ion Ratio Lower Upper

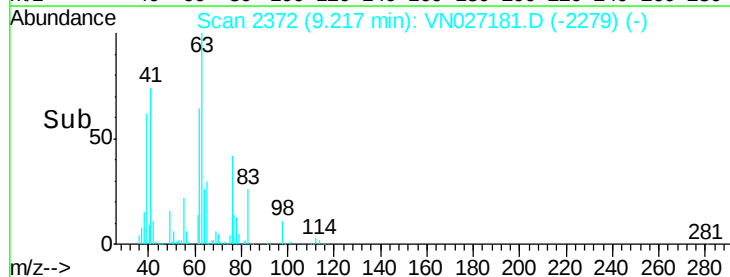
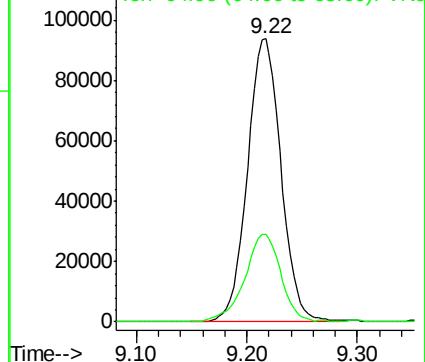
63 100

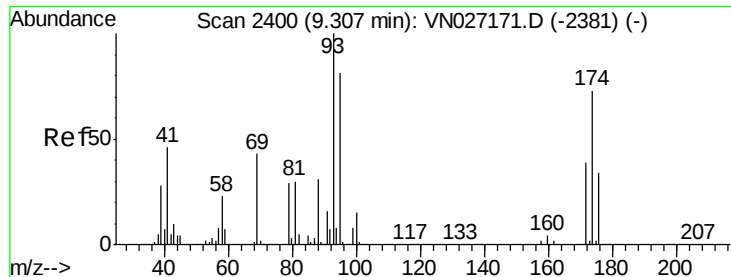
65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Dibromomethane

Concen: 18.86 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

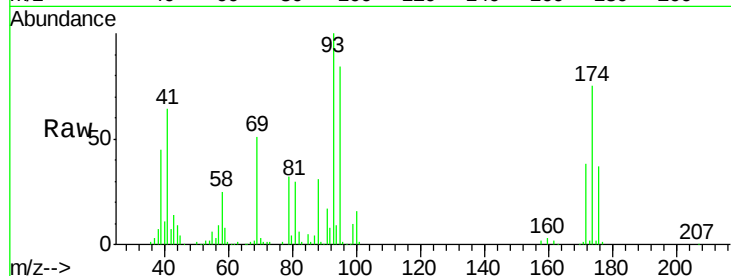
Tgt Ion: 93 Resp: 115271

Ion Ratio Lower Upper

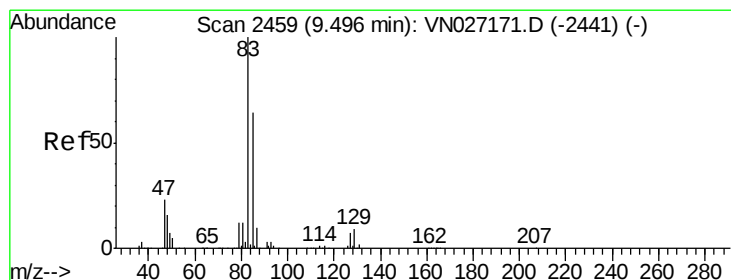
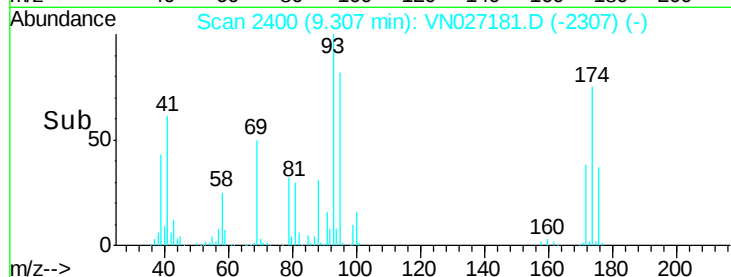
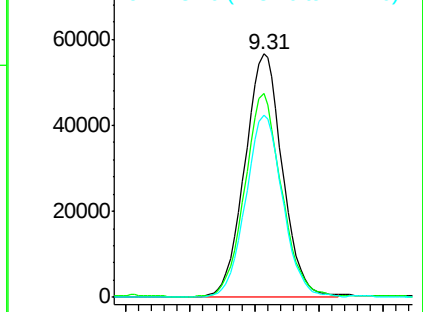
93 100

95 82.0 66.3 99.5

174 73.5 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: 19.42 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

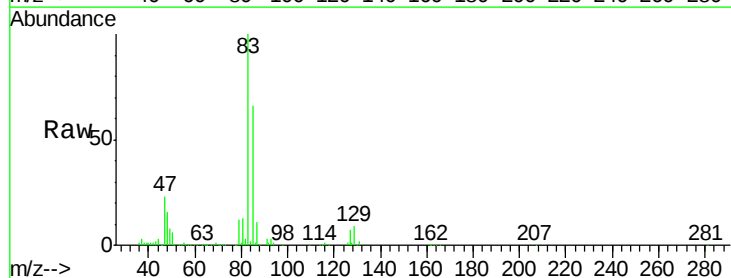
Tgt Ion: 83 Resp: 250165

Ion Ratio Lower Upper

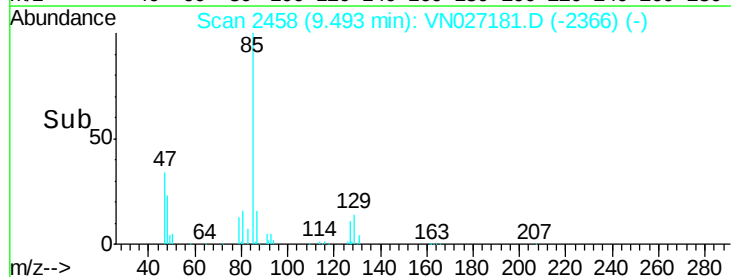
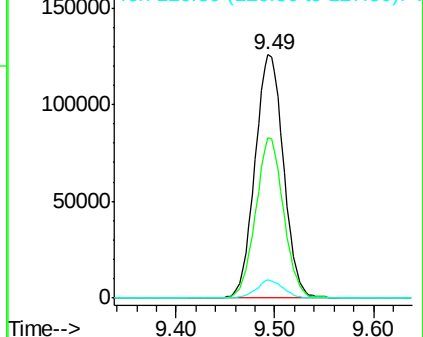
83 100

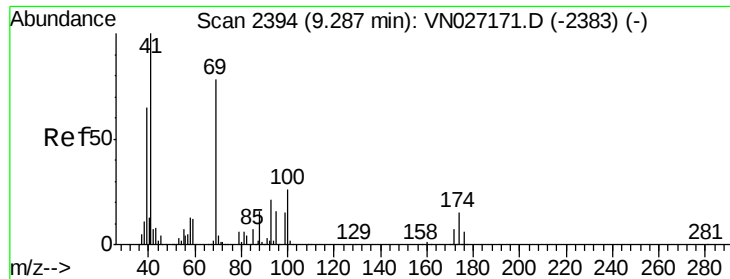
85 66.0 50.7 76.1

127 7.3 5.5 8.3



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

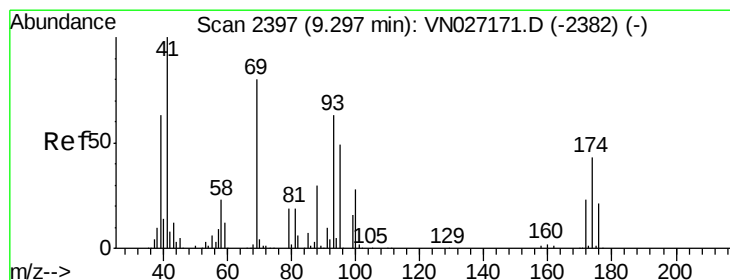
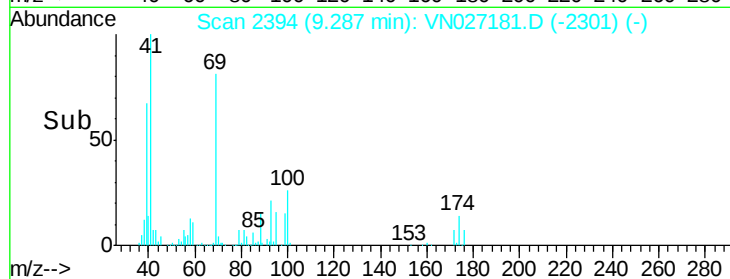
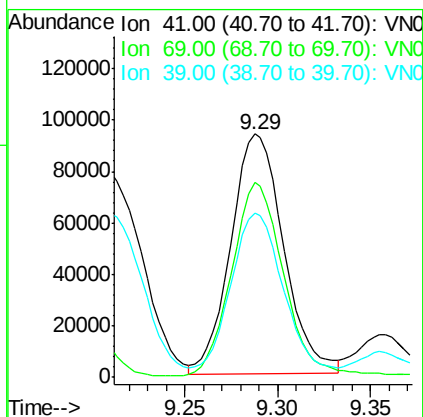
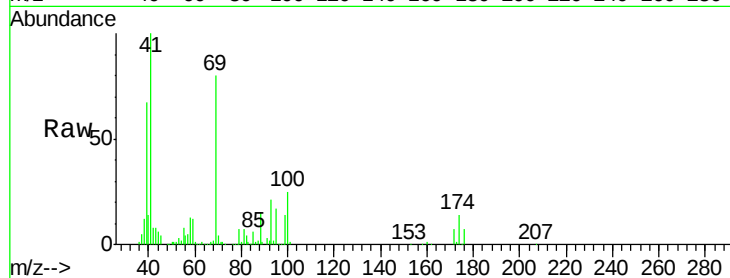




#49
Methyl methacrylate
Concen: 18.71 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

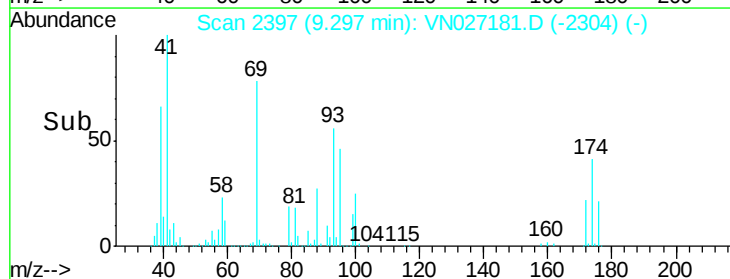
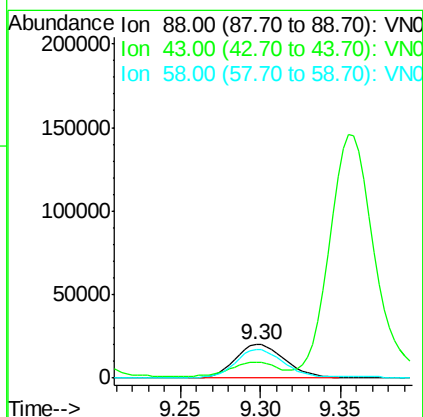
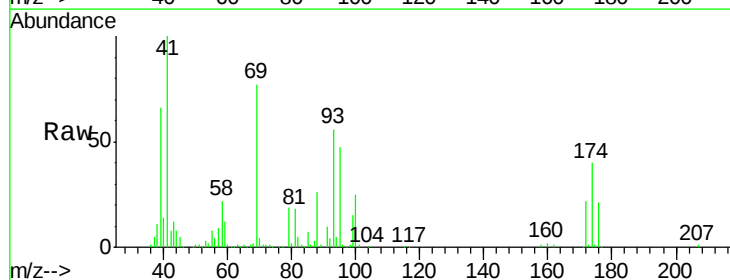
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

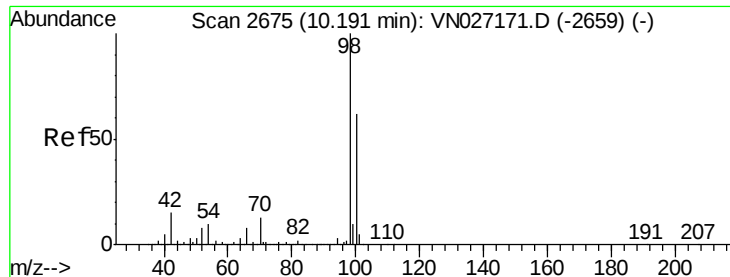
Tgt Ion: 41 Resp: 184729
Ion Ratio Lower Upper
41 100
69 79.5 59.3 88.9
39 66.9 39.5 59.3#



#50
1,4-Dioxane
Concen: 371.17 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

Tgt Ion: 88 Resp: 42985
Ion Ratio Lower Upper
88 100
43 36.6 27.6 41.4
58 83.7 63.1 94.7





#51

Toluene-d8

Concen: 46.70 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

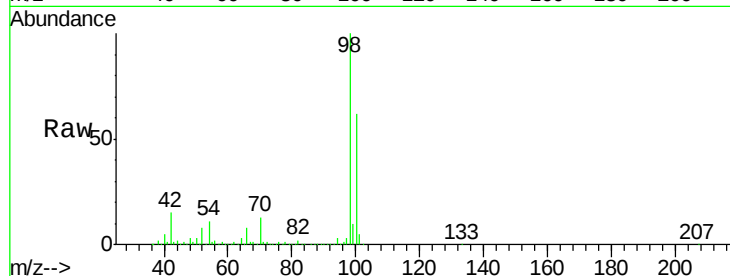
VN0915WBSD01

Tgt Ion: 98 Resp: 1342815

Ion Ratio Lower Upper

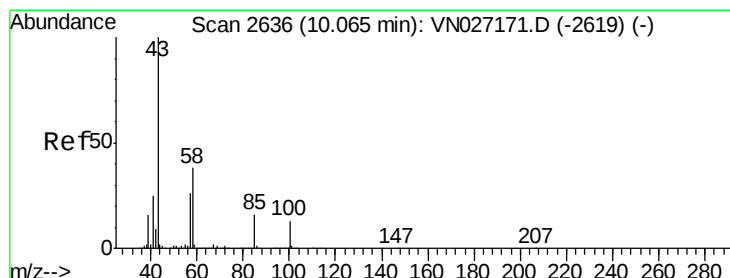
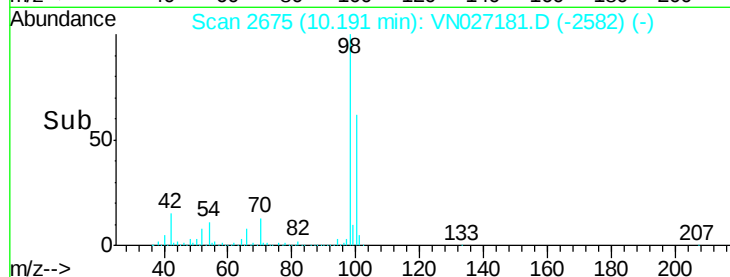
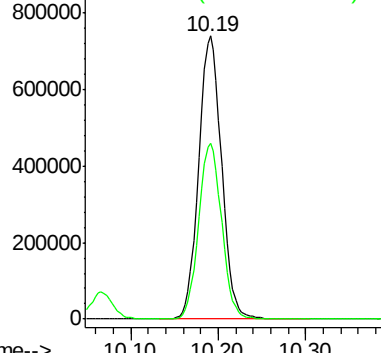
98 100

100 62.5 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 96.60 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027181.D

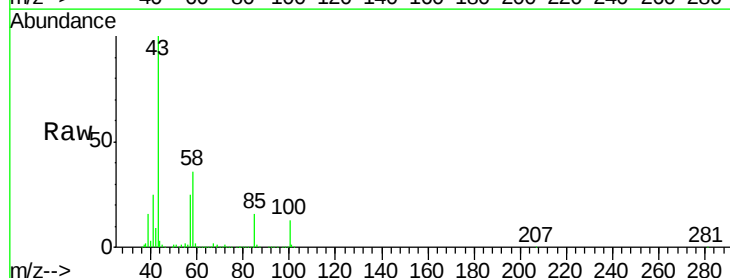
Acq: 15 Sep 2015 23:47

Tgt Ion: 43 Resp: 1012222

Ion Ratio Lower Upper

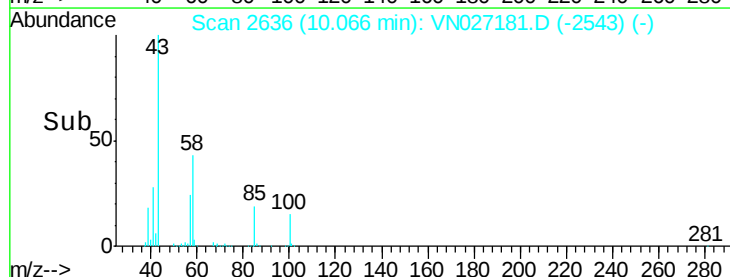
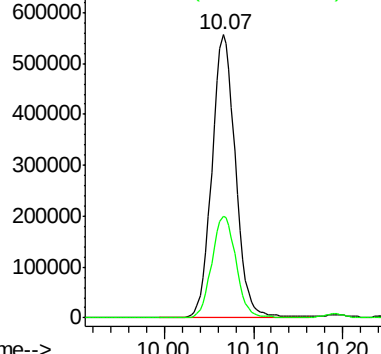
43 100

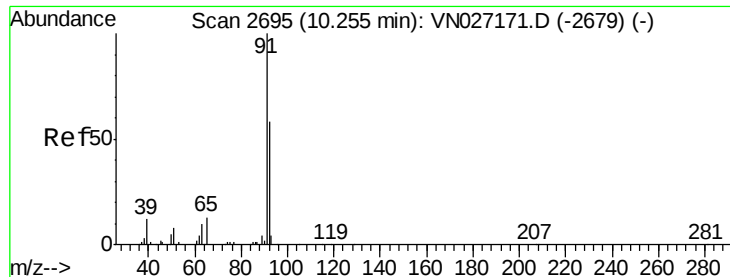
58 37.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 19.50 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

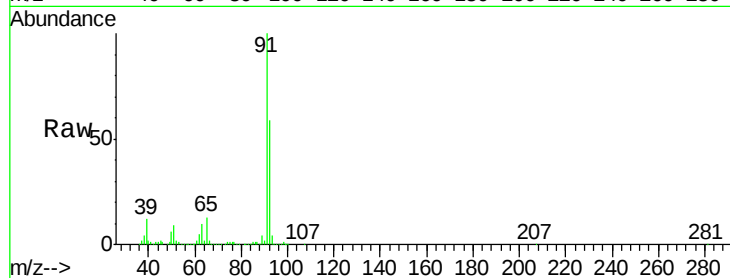
VN0915WBSD01

Tgt Ion: 92 Resp: 413332

Ion Ratio Lower Upper

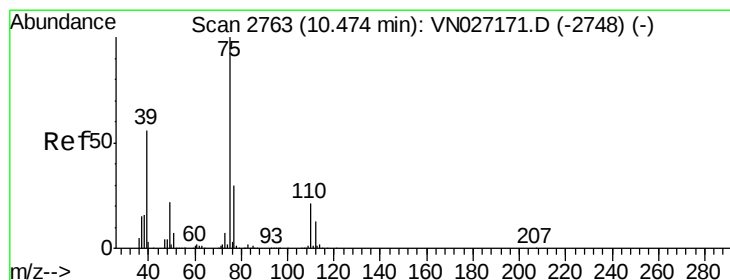
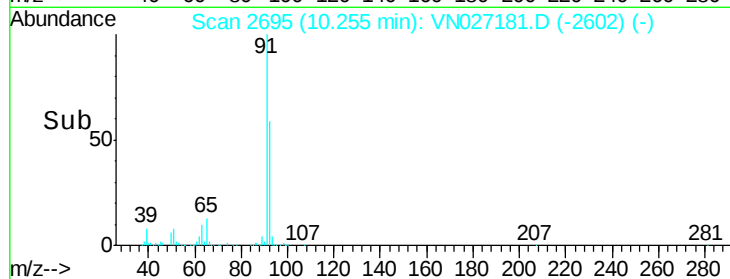
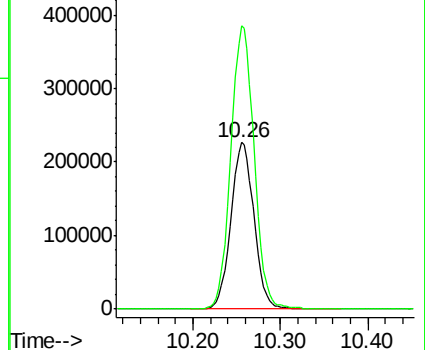
92 100

91 171.8 141.4 212.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

t-1,3-Dichloropropene

Concen: 18.45 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027181.D

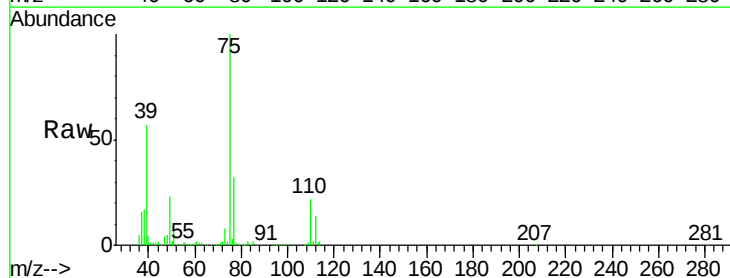
Acq: 15 Sep 2015 23:47

Tgt Ion: 75 Resp: 266912

Ion Ratio Lower Upper

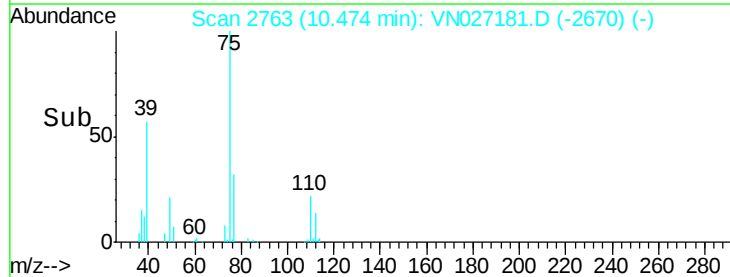
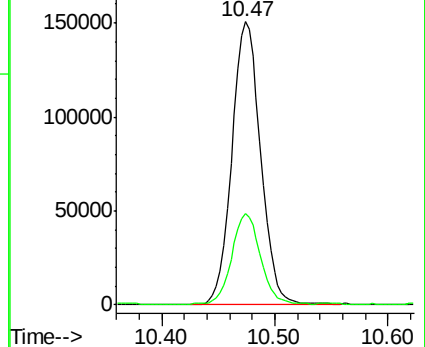
75 100

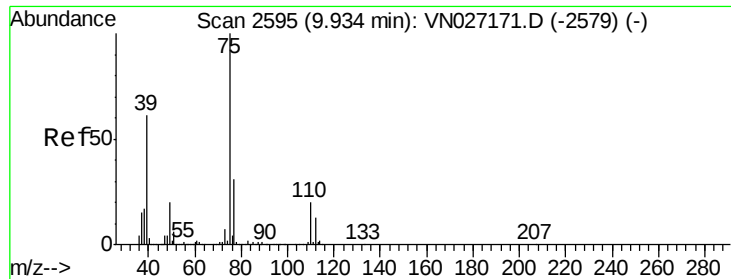
77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#55

cis-1,3-Dichloropropene

Concen: 18.47 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

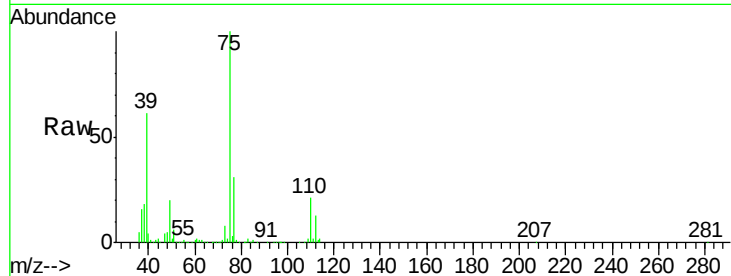
Tgt Ion: 75 Resp: 290699

Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

39 60.8 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

9.93

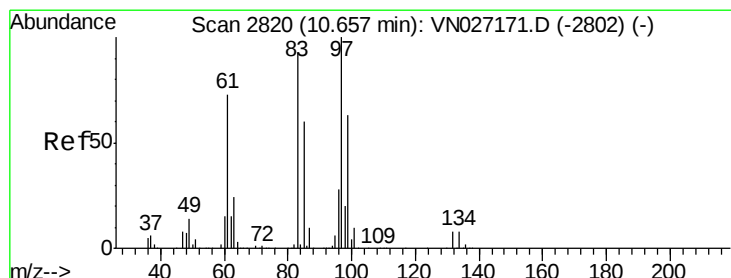
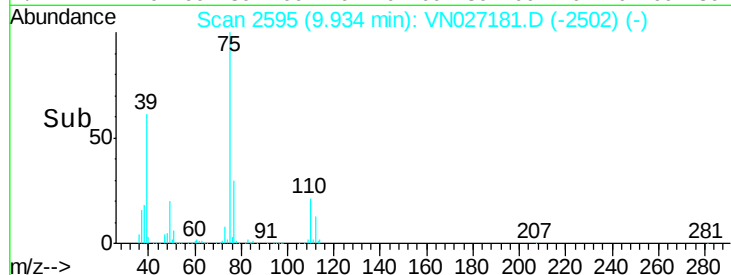
150000

100000

50000

0

Time-->



#56

1,1,2-Trichloroethane

Concen: 19.94 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Tgt Ion: 97 Resp: 158863

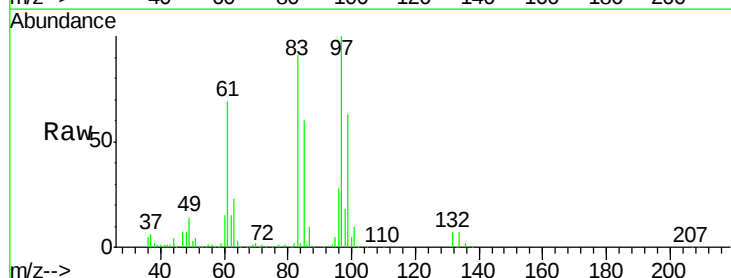
Ion Ratio Lower Upper

97 100

83 91.2 75.0 112.4

85 60.1 48.0 72.0

99 62.5 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

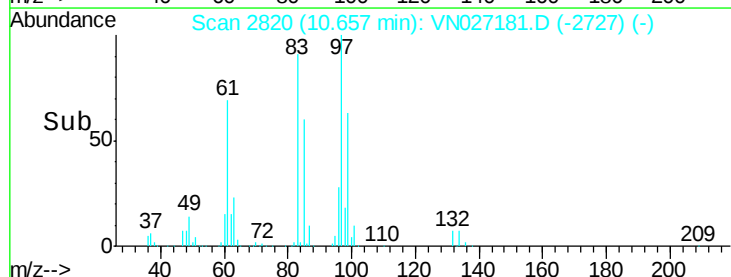
10.66

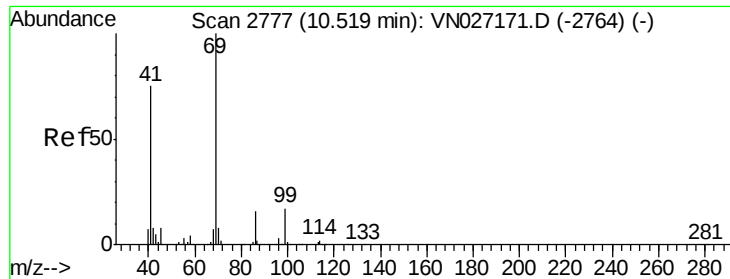
100000

50000

0

Time-->





#57

Ethyl methacrylate

Concen: 19.08 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

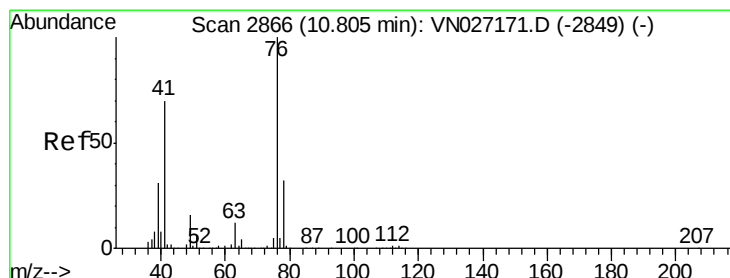
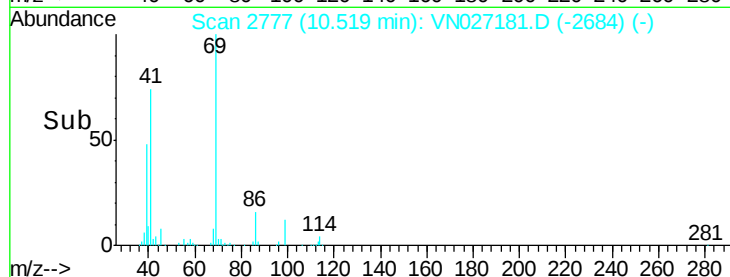
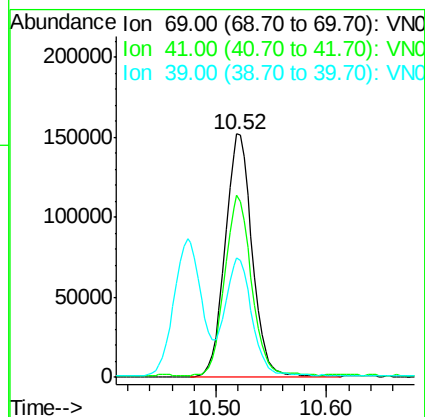
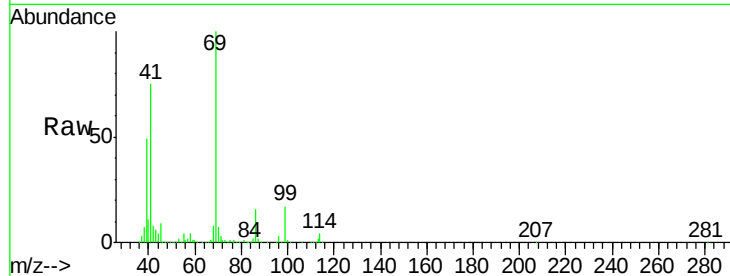
Tgt Ion: 69 Resp: 256169

Ion Ratio Lower Upper

69 100

41 73.5 61.3 91.9

39 46.8 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 19.49 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027181.D

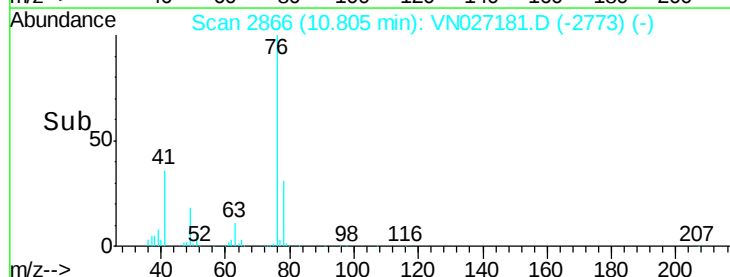
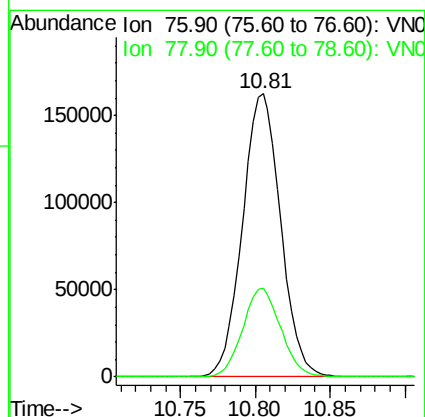
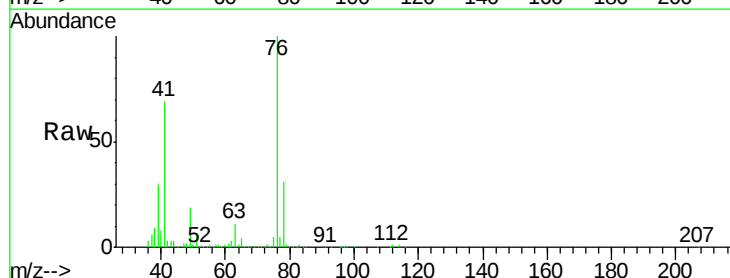
Acq: 15 Sep 2015 23:47

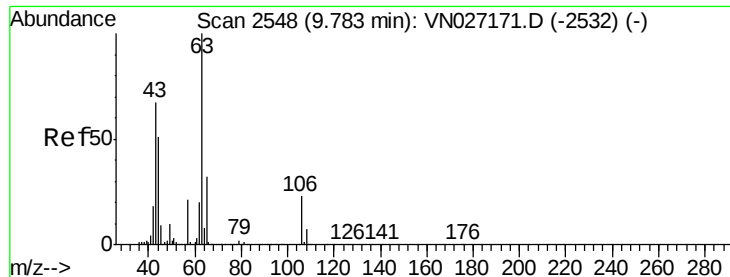
Tgt Ion: 76 Resp: 288246

Ion Ratio Lower Upper

76 100

78 31.4 25.0 37.6

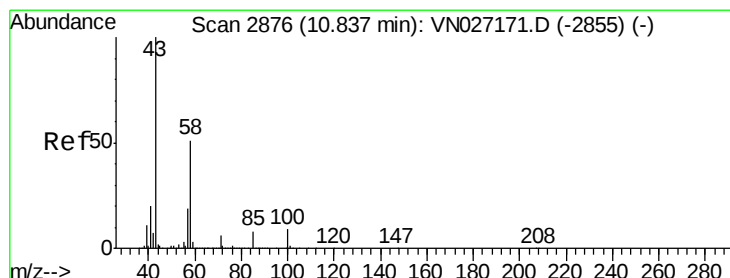
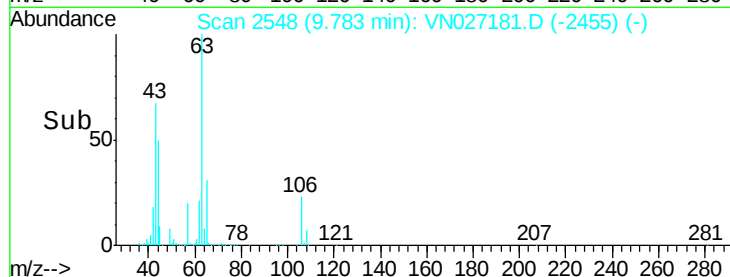
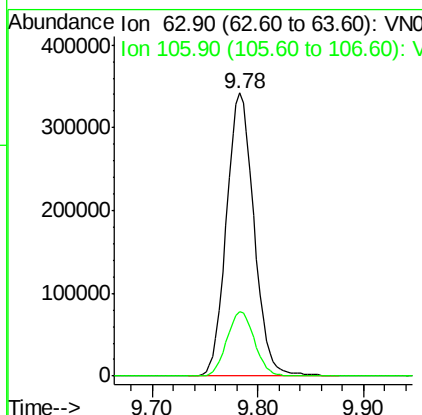
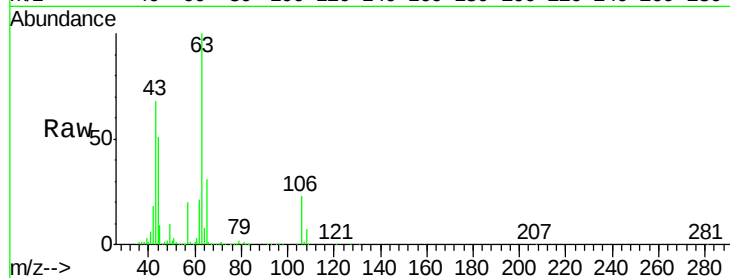




#59
 2-Chloroethyl Vinyl ether
 Concen: 100.26 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

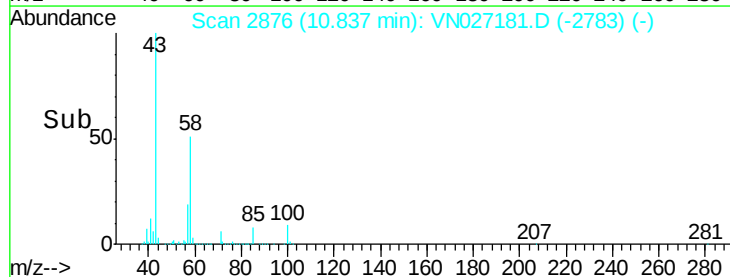
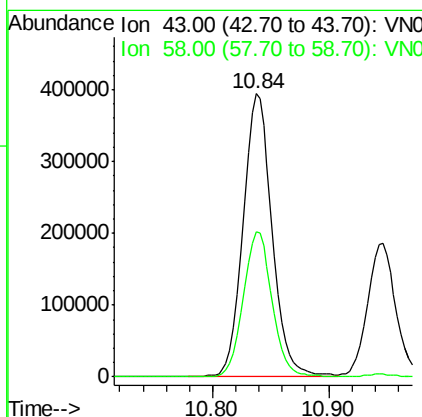
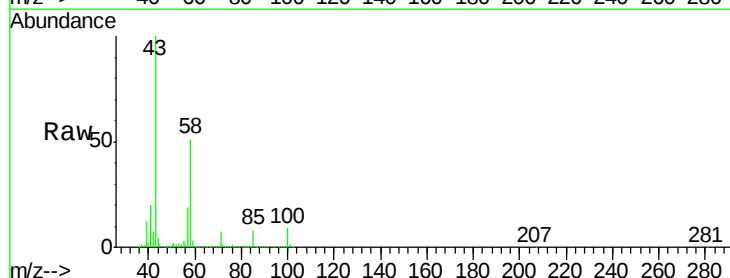
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

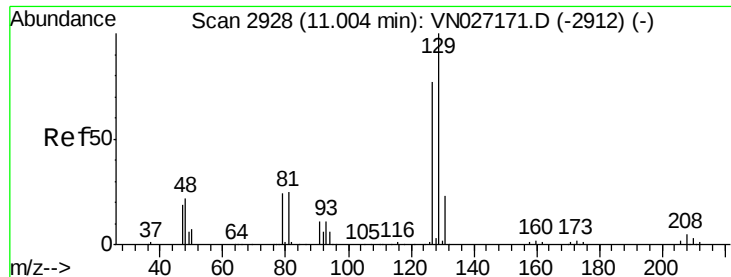
Tgt Ion: 63 Resp: 618012
 Ion Ratio Lower Upper
 63 100
 106 22.9 17.7 26.5



#60
 2-Hexanone
 Concen: 94.95 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion: 43 Resp: 677404
 Ion Ratio Lower Upper
 43 100
 58 51.7 26.2 78.5

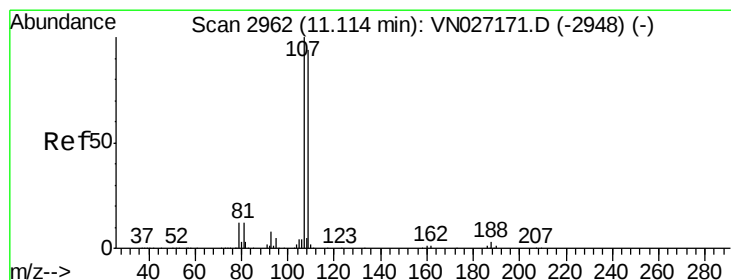
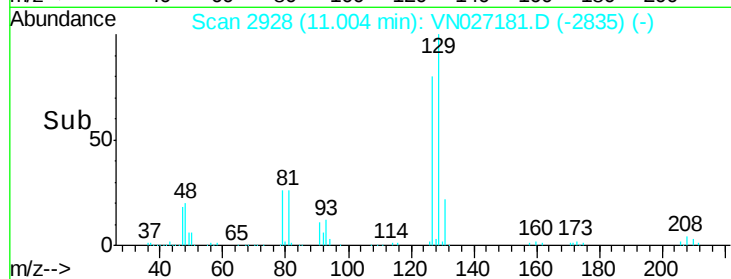
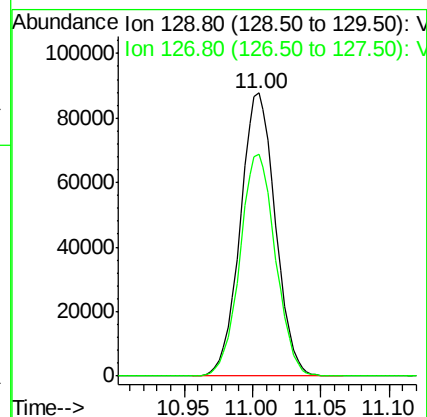
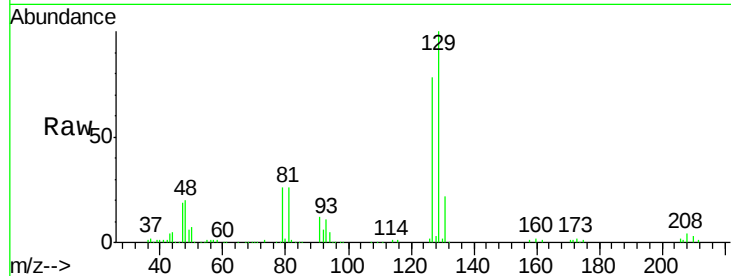




#61
 Dibromochloromethane
 Concen: 19.24 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

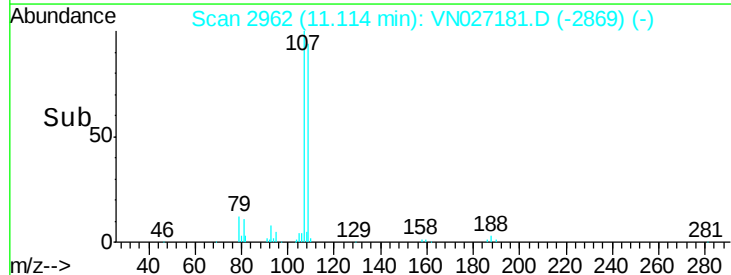
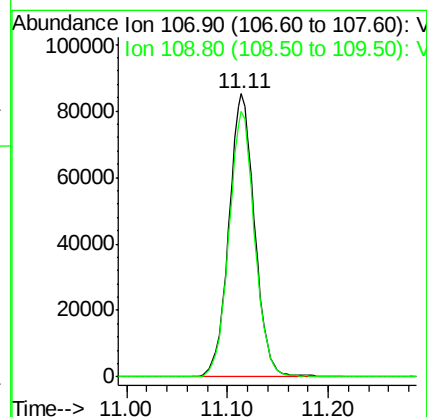
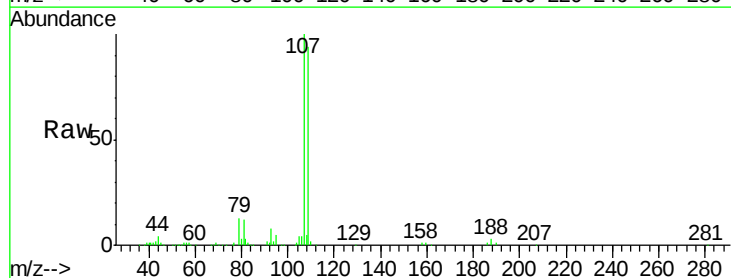
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

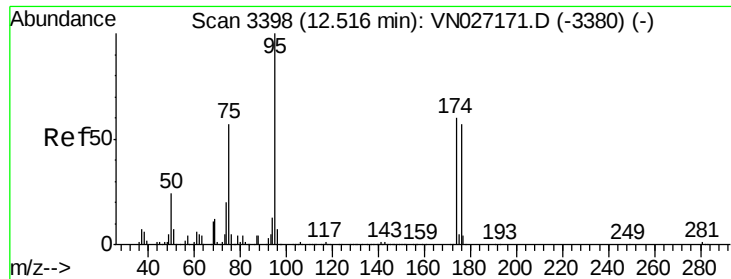
Tgt Ion:129 Resp: 156506
 Ion Ratio Lower Upper
 129 100
 127 79.3 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 19.35 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion:107 Resp: 151502
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.6 113.4

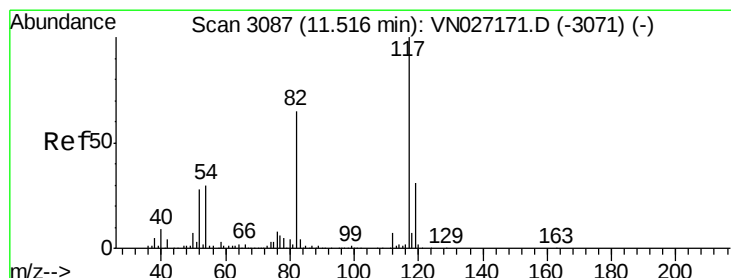
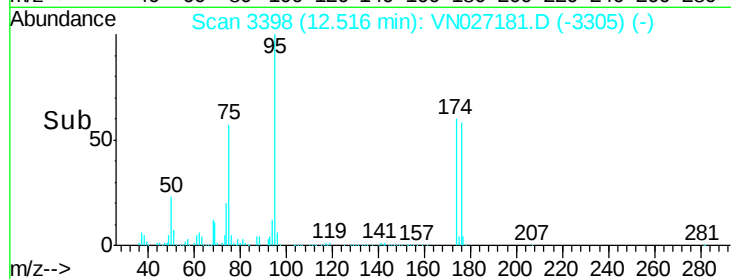
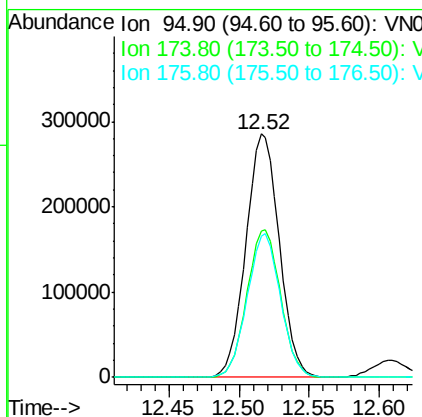
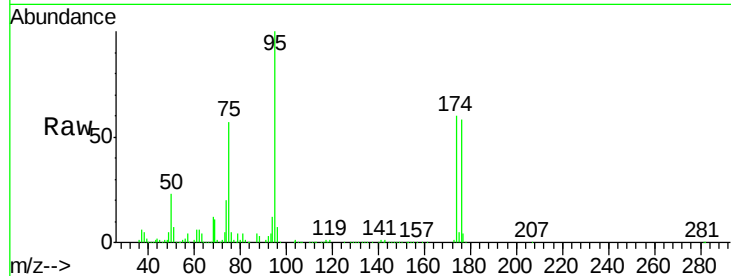




#63
4-Bromofluorobenzene
Concen: 46.30 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

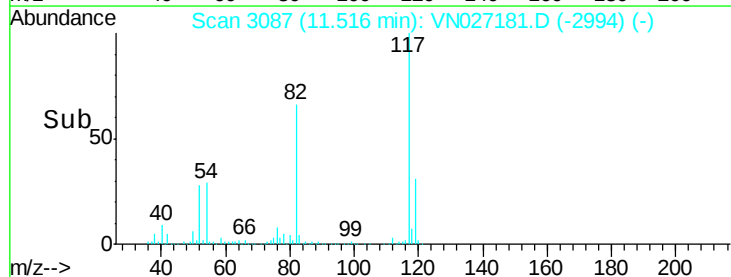
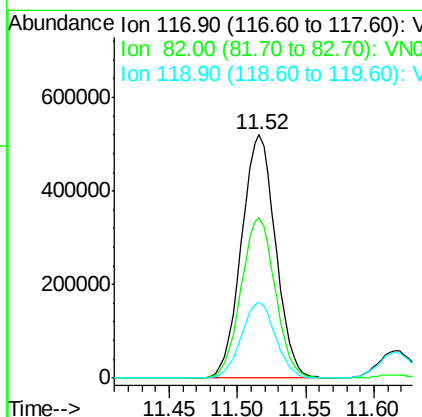
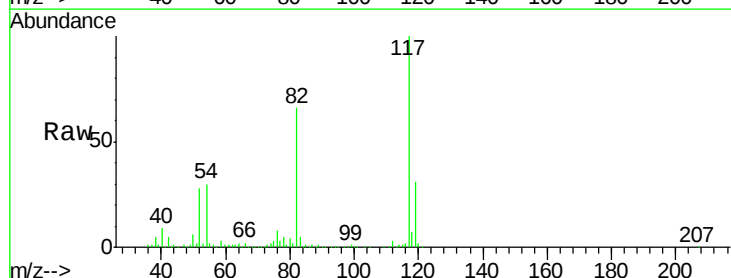
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

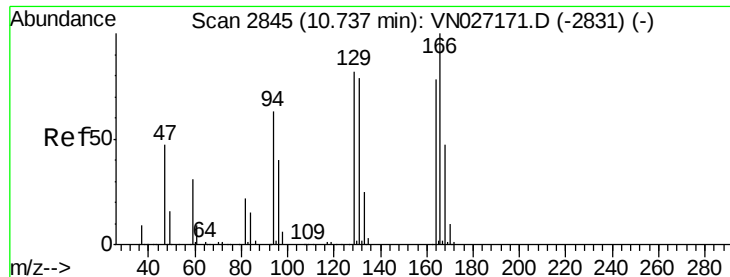
Tgt Ion: 95 Resp: 472509
Ion Ratio Lower Upper
95 100
174 61.3 0.0 137.0
176 59.1 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

Tgt Ion: 117 Resp: 903410
Ion Ratio Lower Upper
117 100
82 65.7 49.6 74.4
119 31.1 24.6 36.8





#65

Tetrachloroethene

Concen: 19.46 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion:164 Resp: 112407

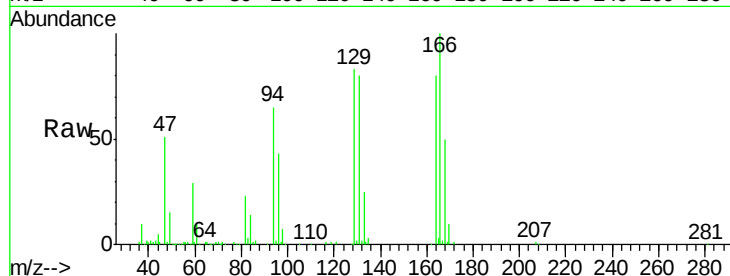
Ion Ratio Lower Upper

164 100

166 125.2 103.4 155.0

129 103.3 77.5 116.3

131 99.8 74.2 111.4

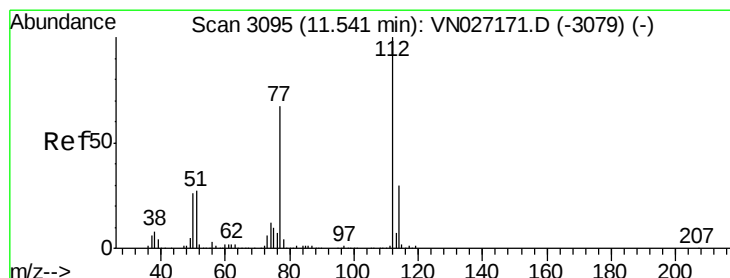
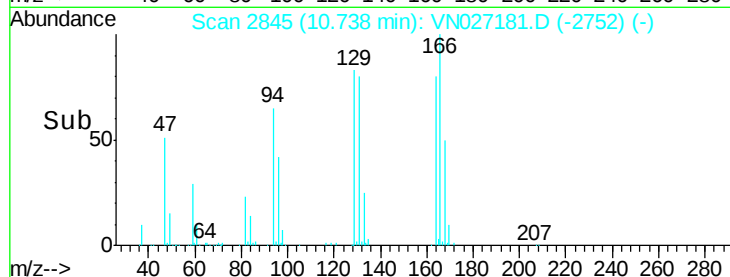
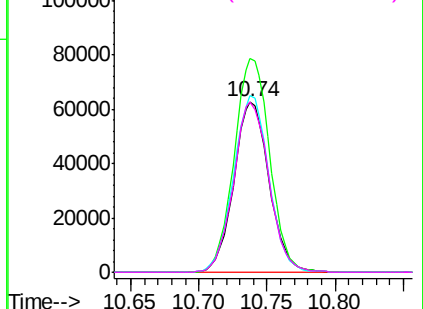


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#66

Chlorobenzene

Concen: 18.87 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027181.D

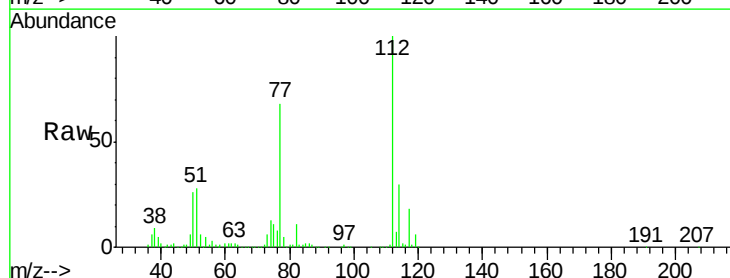
Acq: 15 Sep 2015 23:47

Tgt Ion:112 Resp: 402367

Ion Ratio Lower Upper

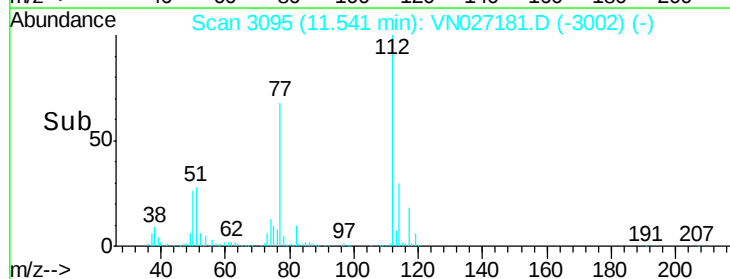
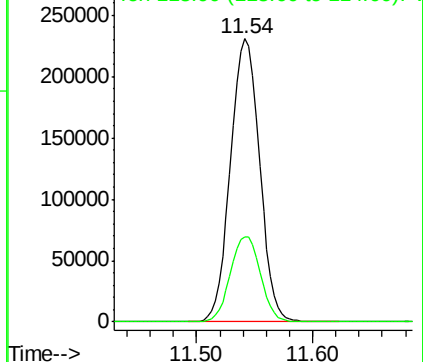
112 100

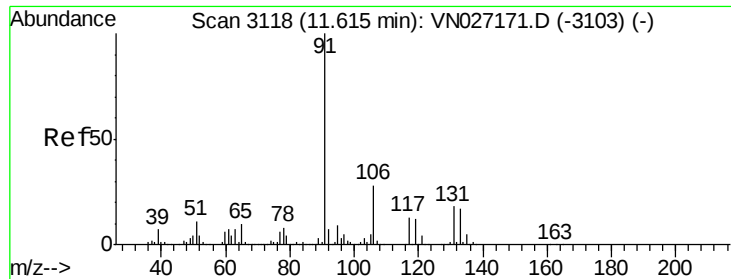
114 30.2 24.9 37.3



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: 19.44 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampled :

VN0915WBSD01

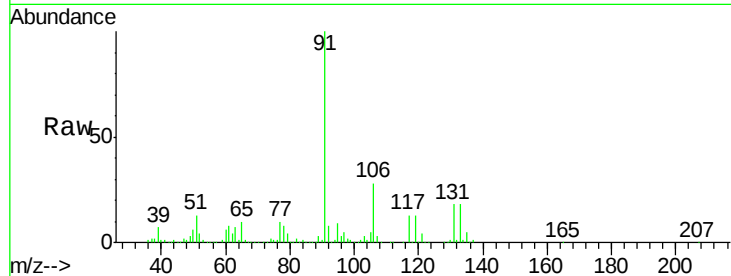
Tgt Ion: 131 Resp: 141449

Ion Ratio Lower Upper

131 100

133 95.2 47.0 141.2

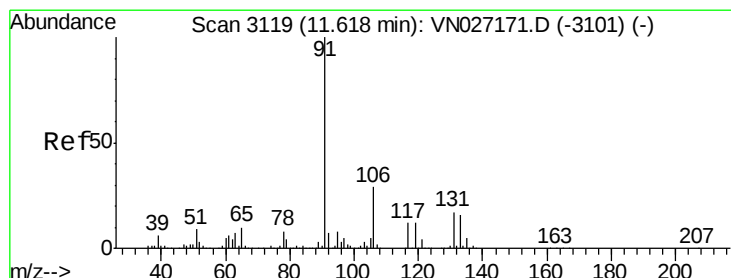
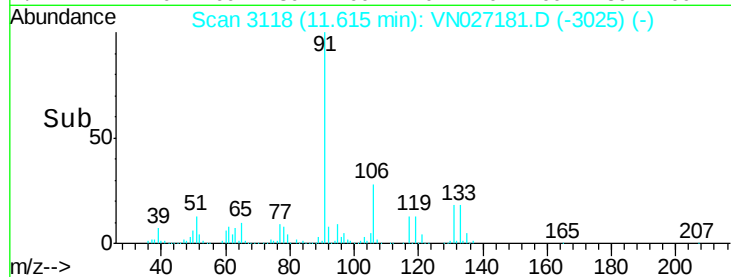
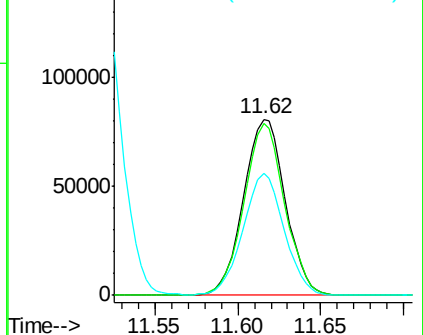
119 68.0 35.1 105.5



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: 19.02 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027181.D

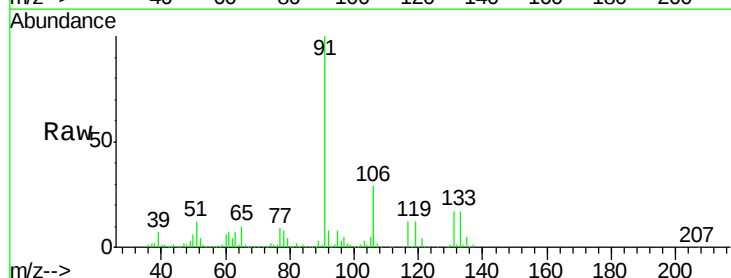
Acq: 15 Sep 2015 23:47

Tgt Ion: 91 Resp: 769167

Ion Ratio Lower Upper

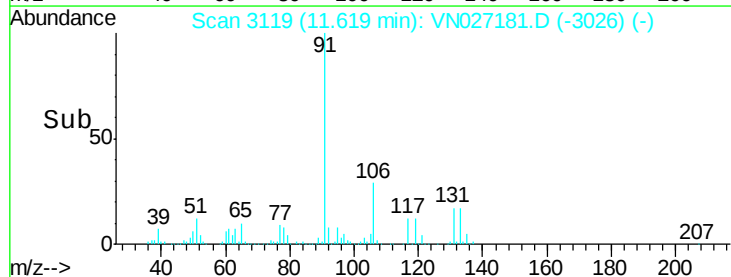
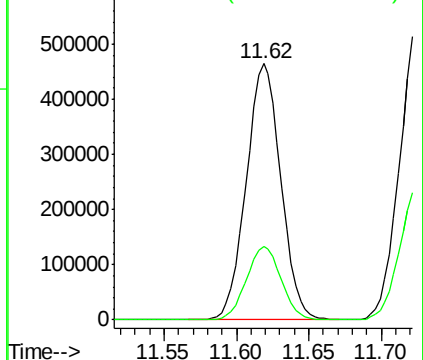
91 100

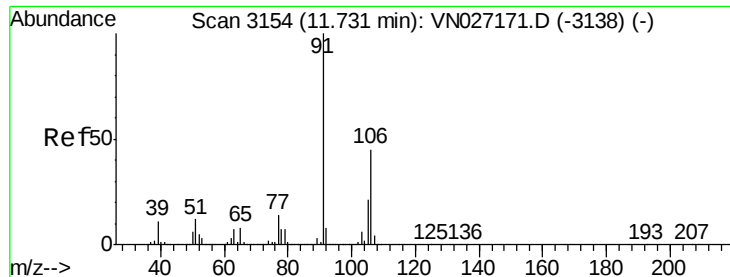
106 28.6 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

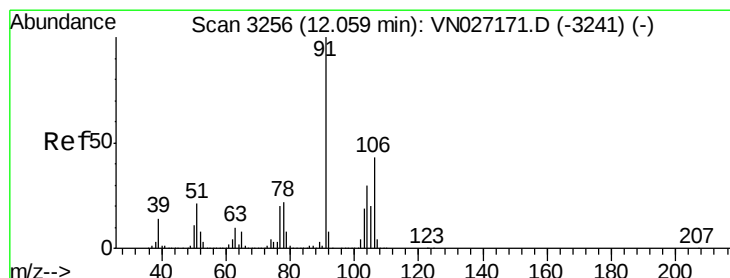
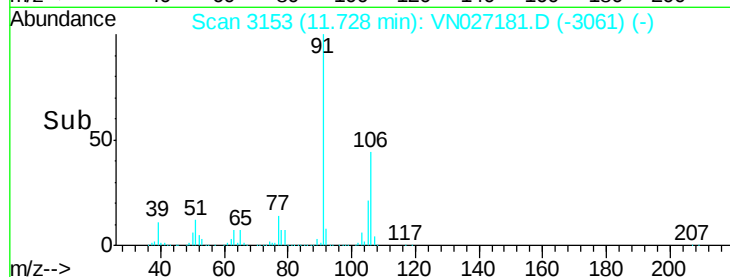
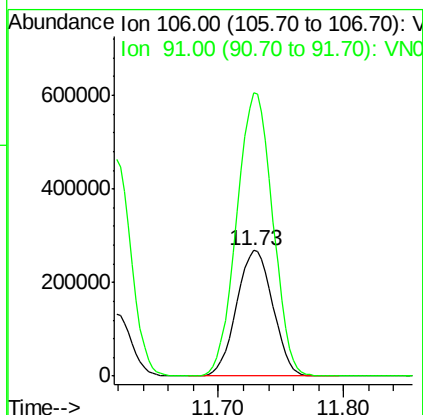
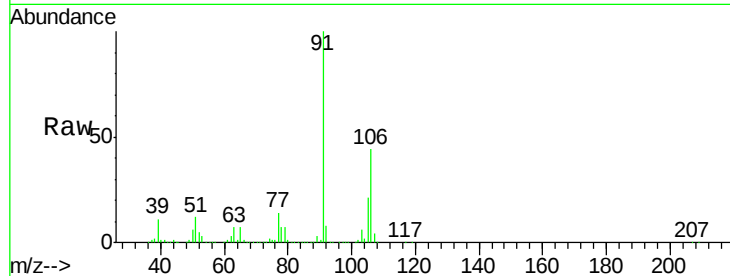




#69
m/p-Xylenes
Concen: 38.63 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

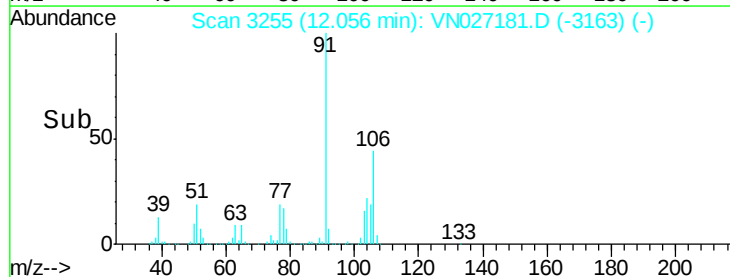
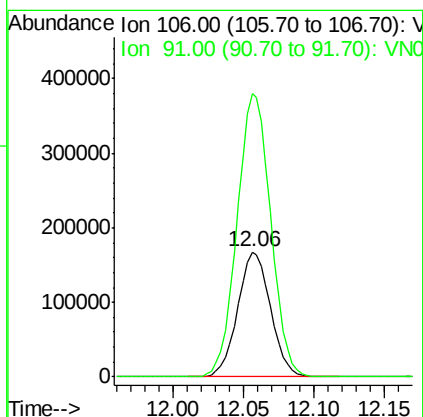
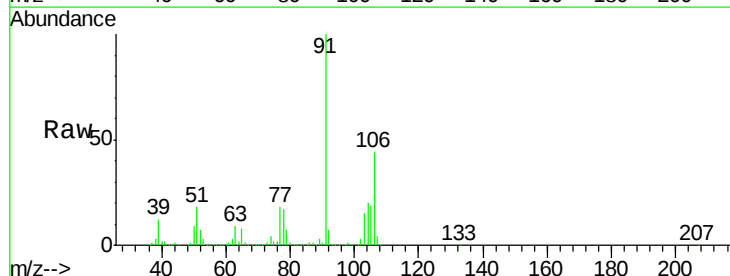
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

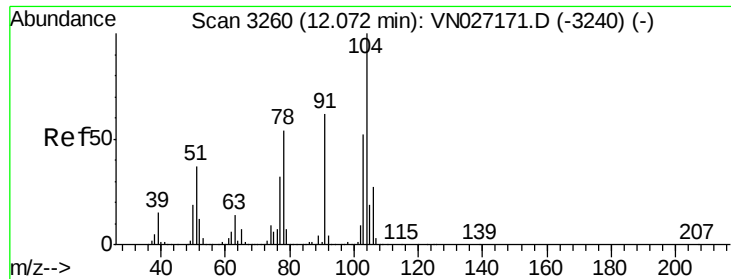
Tgt Ion:106 Resp: 539005
Ion Ratio Lower Upper
106 100
91 223.3 167.1 250.7



#70
o-Xylene
Concen: 19.55 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

Tgt Ion:106 Resp: 273470
Ion Ratio Lower Upper
106 100
91 231.1 110.7 331.9





#71

Styrene

Concen: 19.36 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

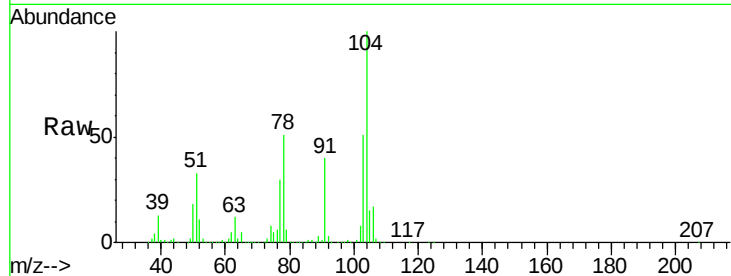
Tgt Ion:104 Resp: 437228

Ion Ratio Lower Upper

104 100

78 59.0 41.6 62.4

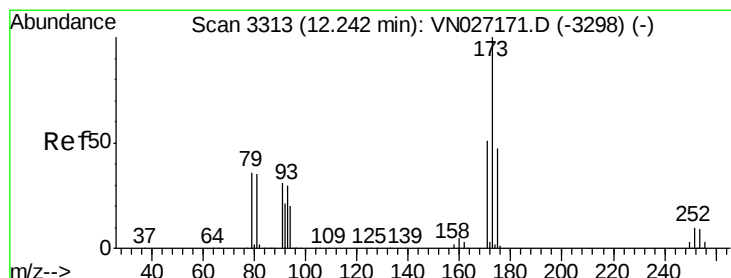
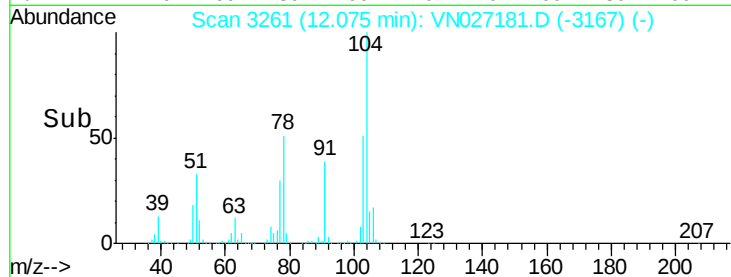
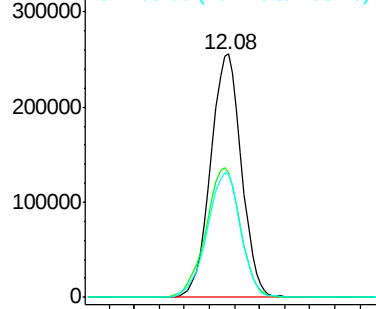
103 55.8 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 18.94 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

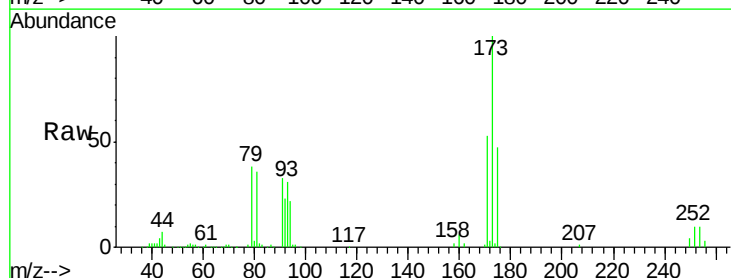
Tgt Ion:173 Resp: 95844

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.4

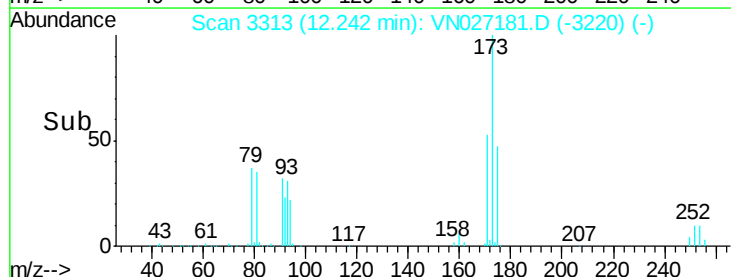
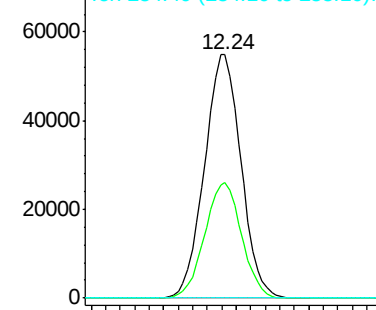
254 0.0 0.1 0.1#

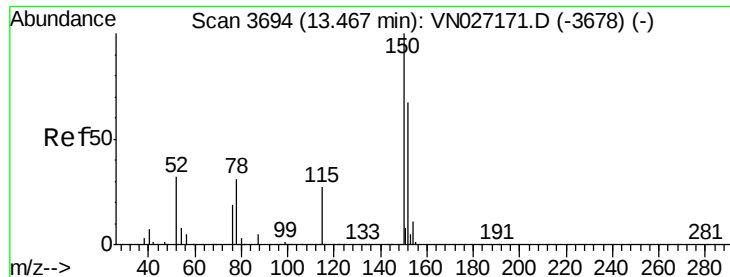


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

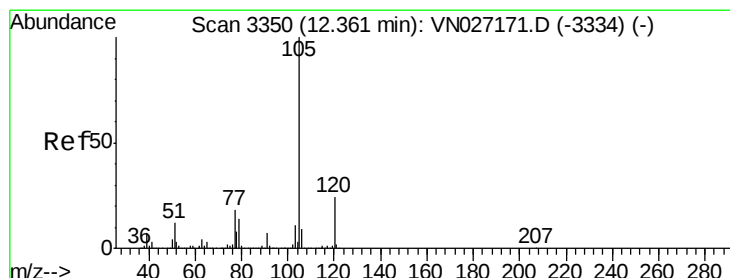
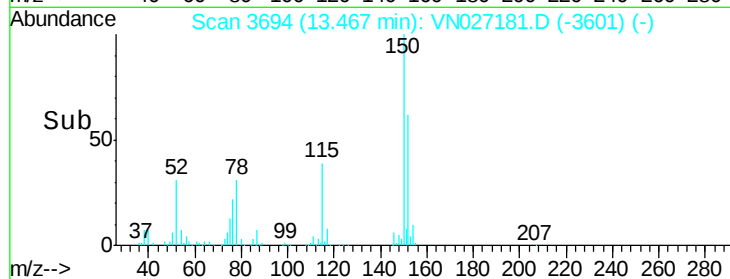
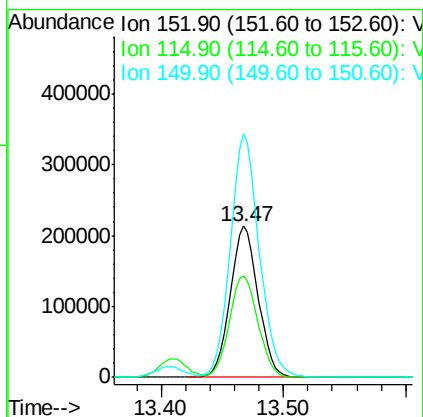
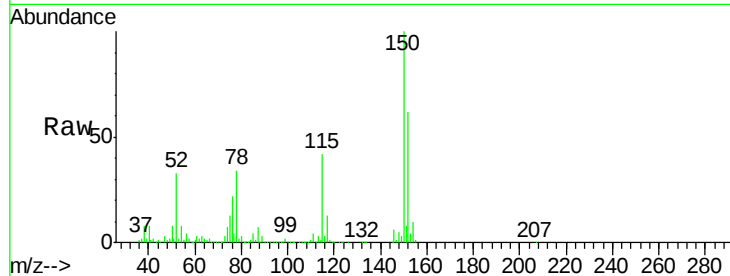




#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

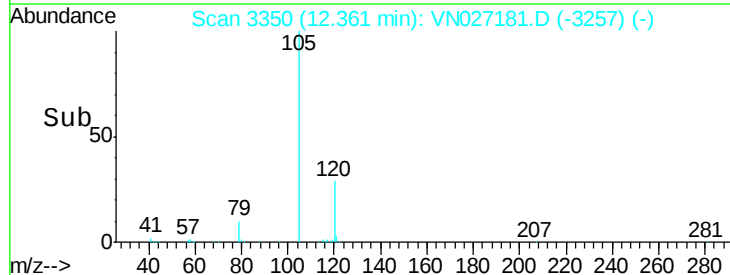
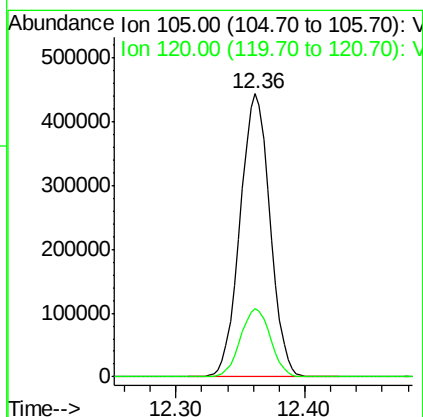
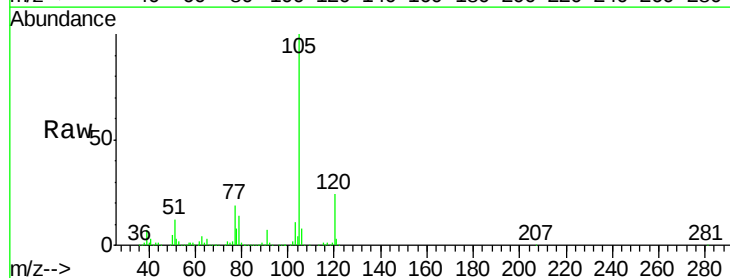
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

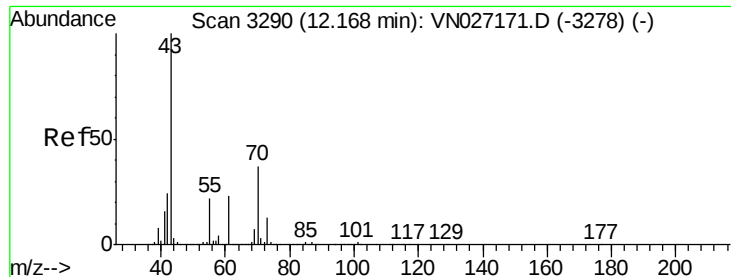
Tgt Ion:152 Resp: 339753
 Ion Ratio Lower Upper
 152 100
 115 68.5 30.8 92.3
 150 165.7 0.0 345.0



#74
 Isopropylbenzene
 Concen: 19.13 ug/l
 RT: 12.36 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion:105 Resp: 716171
 Ion Ratio Lower Upper
 105 100
 120 24.3 12.4 37.2

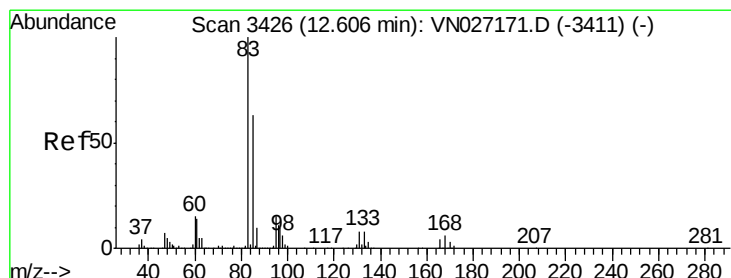
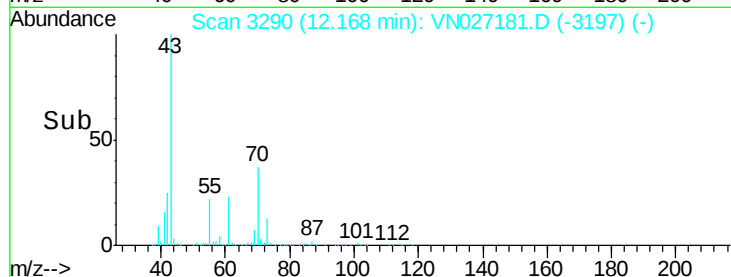
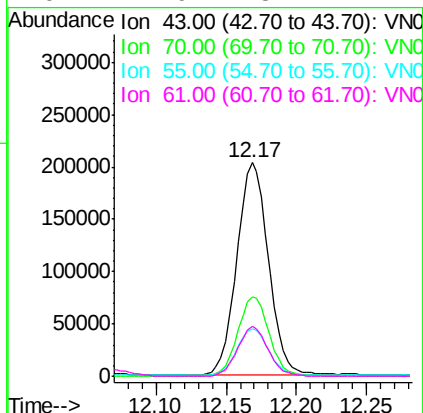
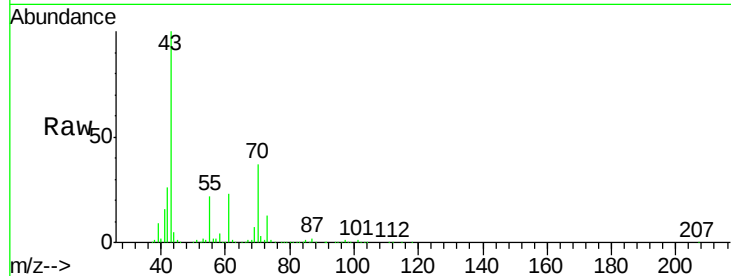




#75
N-ethyl acetate
Concen: 19.10 ug/l
RT: 12.17 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

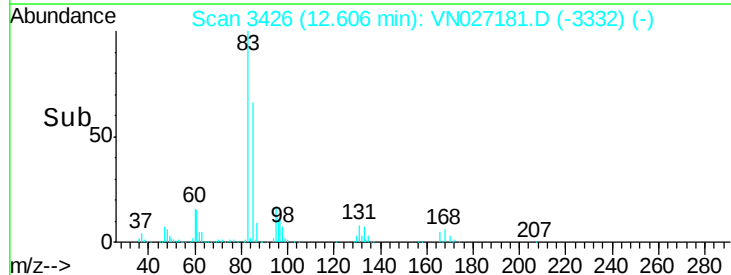
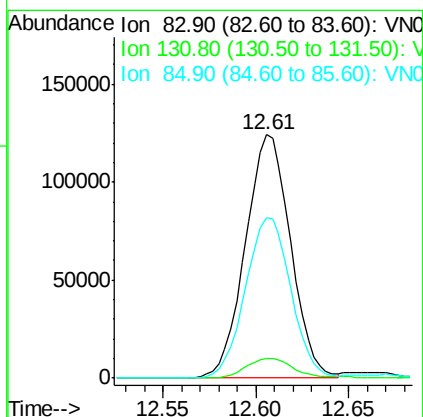
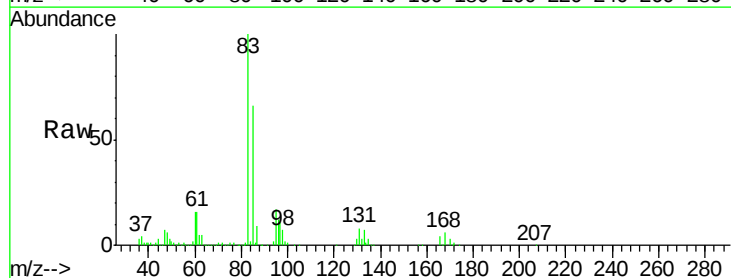
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

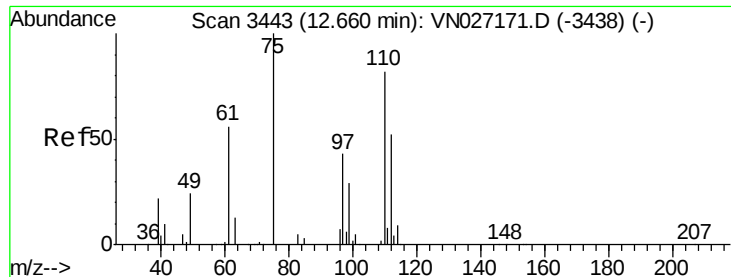
Tgt Ion:	43	Resp:	319170
Ion	Ratio	Lower	Upper
43	100		
70	37.3	29.8	44.8
55	22.3	19.4	29.0
61	22.9	18.2	27.2



#76
1,1,2,2-Tetrachloroethane
Concen: 19.54 ug/l
RT: 12.61 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

Tgt Ion:	83	Resp:	209118
Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.1	12.3
85	66.5	31.9	95.7





#77

1,2,3-Trichloropropane

Concen: 28.51 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

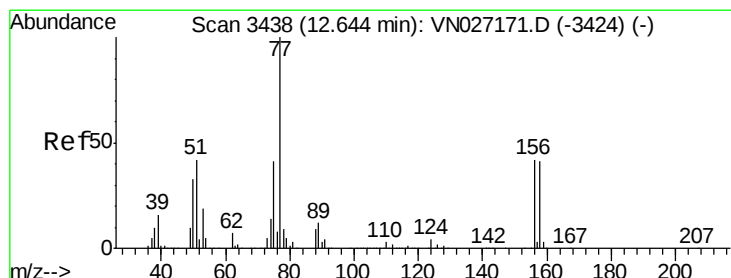
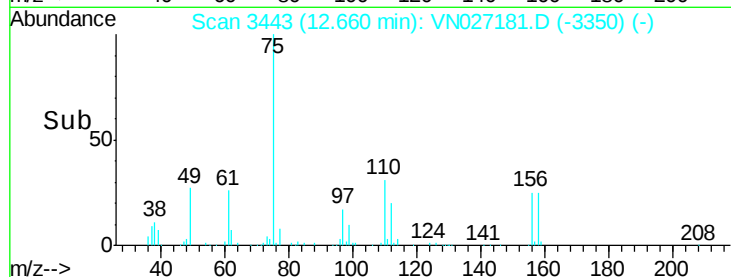
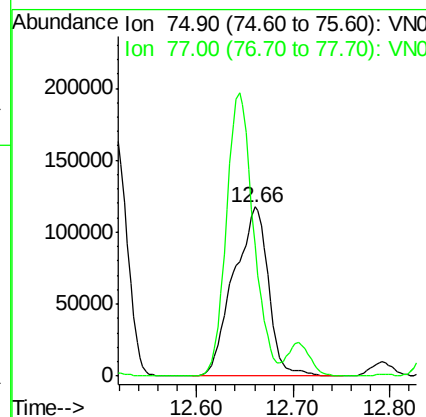
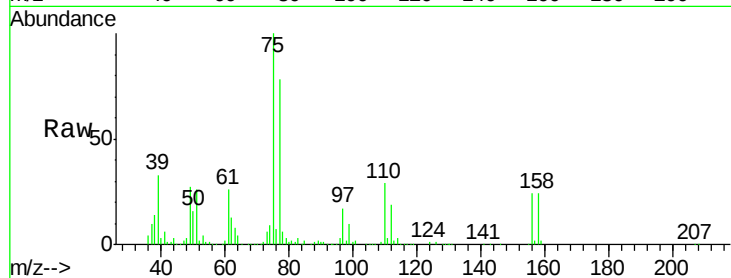
VN0915WBSD01

Tgt Ion: 75 Resp: 292693

Ion Ratio Lower Upper

75 100

77 130.8 103.1 309.3



#78

Bromobenzene

Concen: 19.03 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

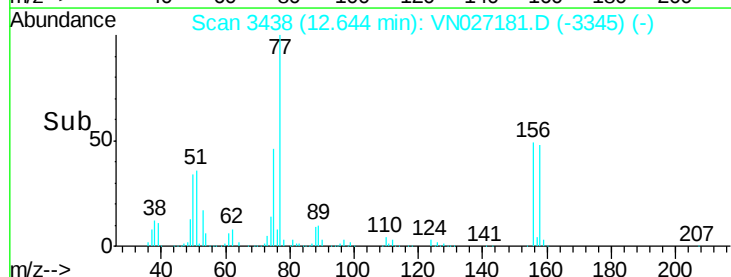
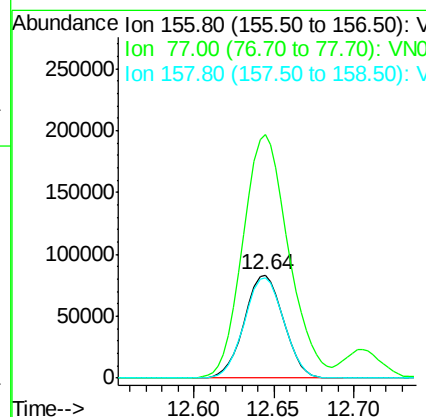
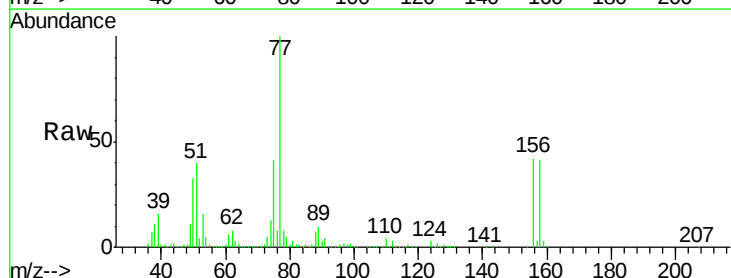
Tgt Ion: 156 Resp: 139709

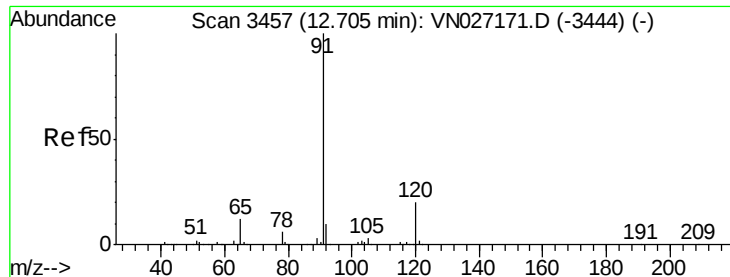
Ion Ratio Lower Upper

156 100

77 274.1 127.3 381.9

158 98.5 48.0 144.2





#79

n-propylbenzene

Concen: 19.14 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

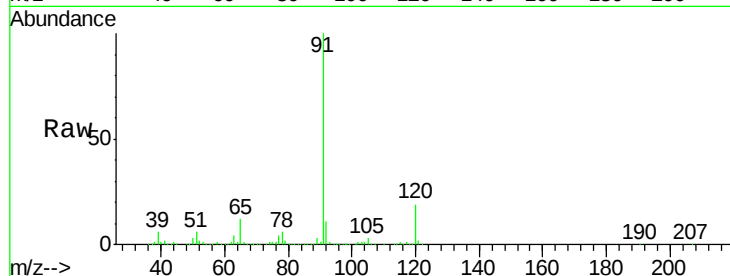
VN0915WBSD01

Tgt Ion: 91 Resp: 842881

Ion Ratio Lower Upper

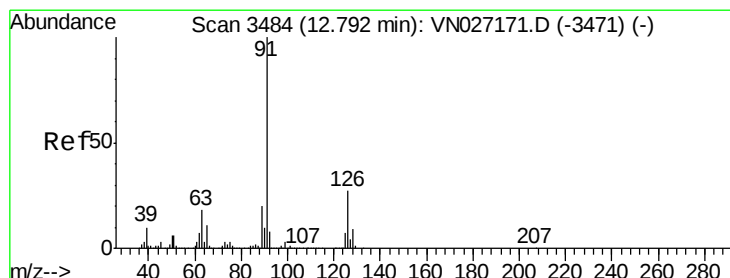
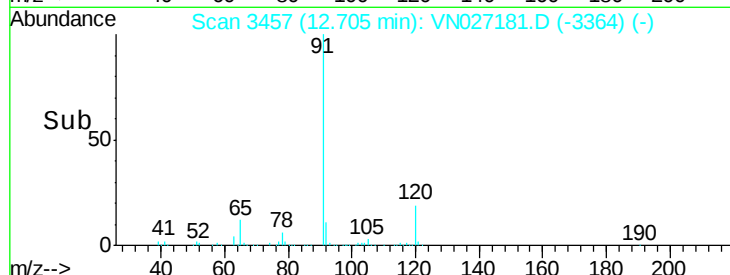
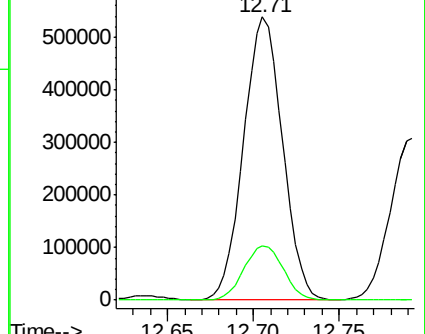
91 100

120 19.7 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: 19.22 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027181.D

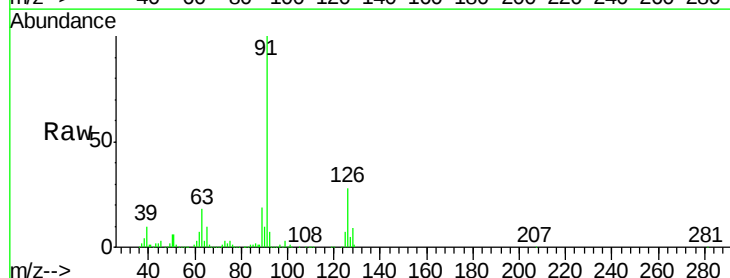
Acq: 15 Sep 2015 23:47

Tgt Ion: 91 Resp: 508293

Ion Ratio Lower Upper

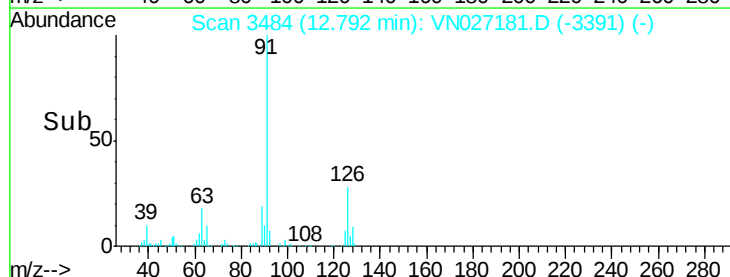
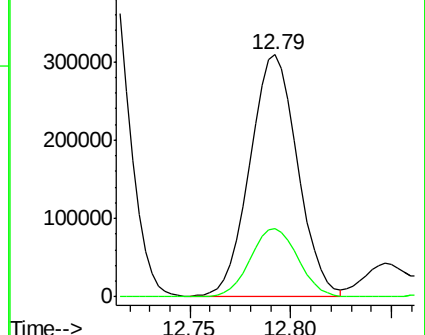
91 100

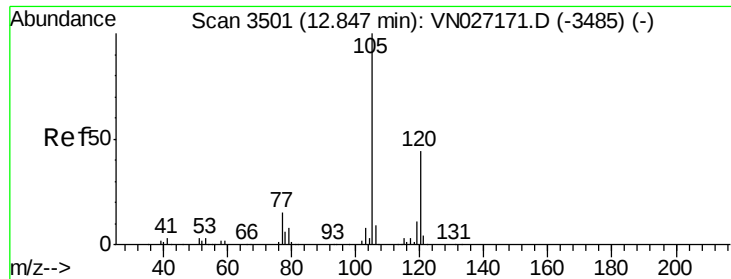
126 28.4 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

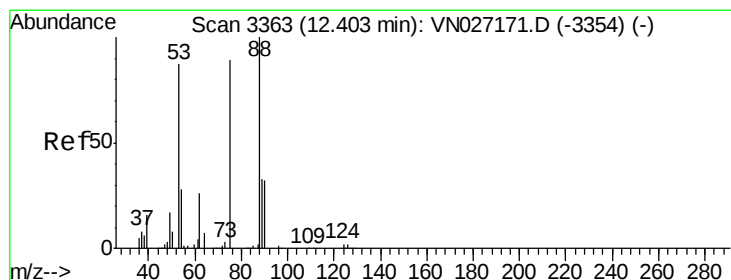
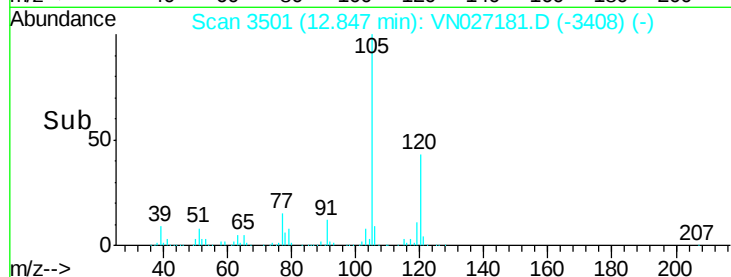
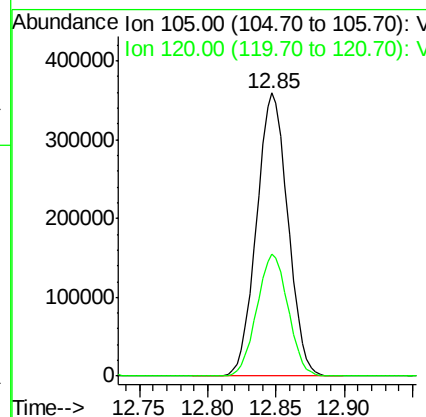
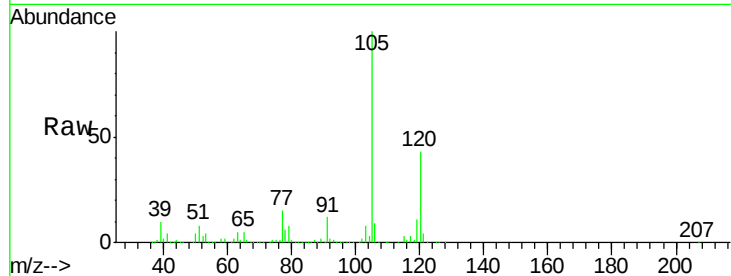




#81
 1,3,5-Trimethylbenzene
 Concen: 18.98 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

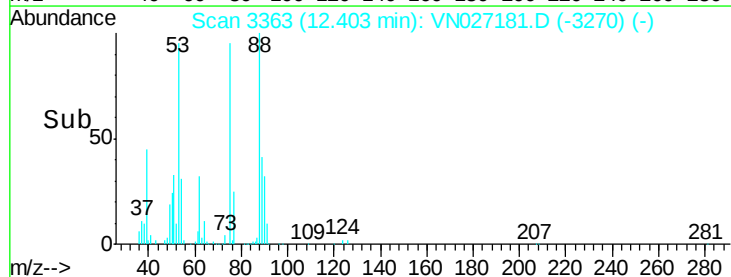
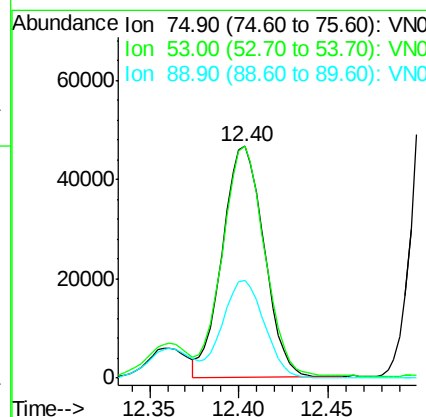
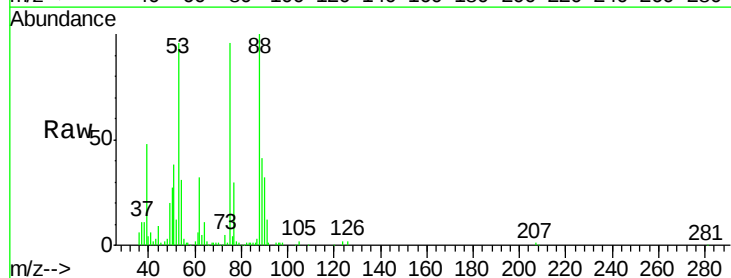
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

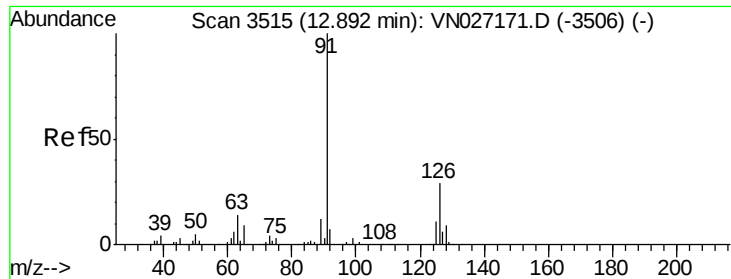
Tgt Ion: 105 Resp: 570817
 Ion Ratio Lower Upper
 105 100
 120 42.9 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 18.13 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion: 75 Resp: 75804
 Ion Ratio Lower Upper
 75 100
 53 99.6 92.9 139.3
 89 42.8 34.2 51.4

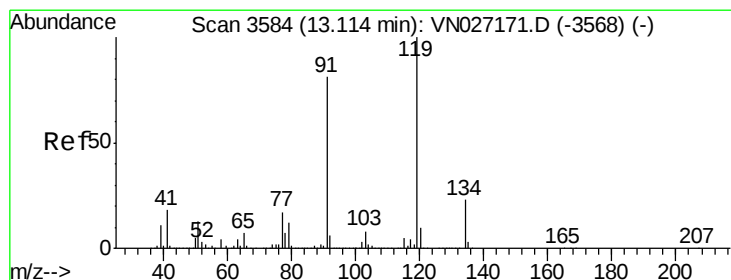
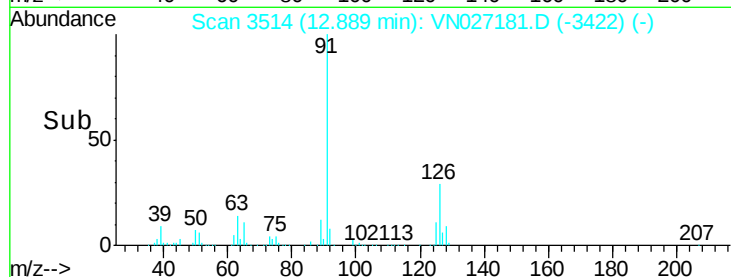
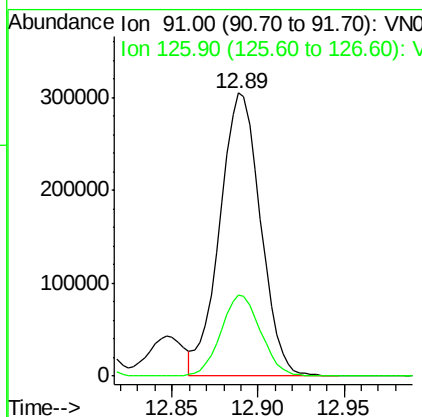
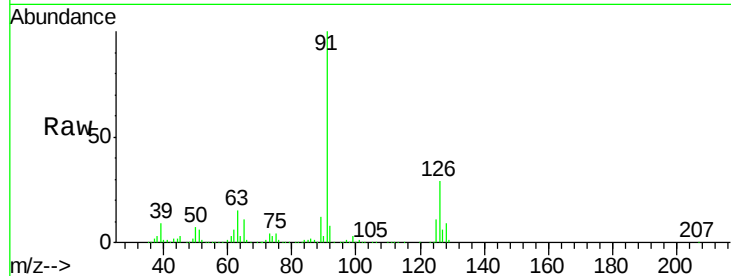




#83
4-Chlorotoluene
Concen: 19.17 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

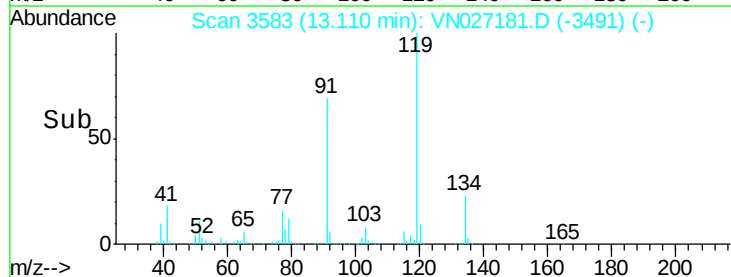
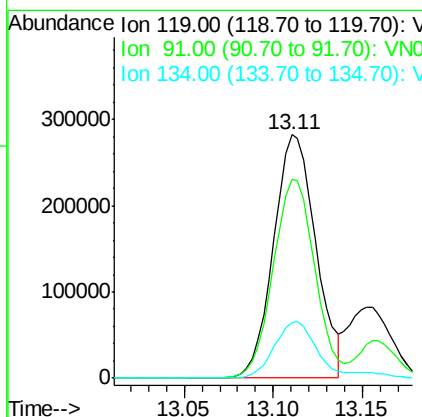
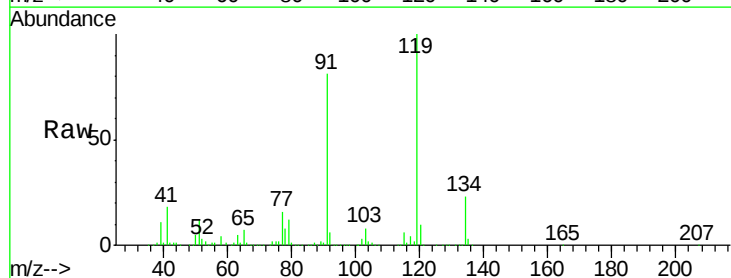
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

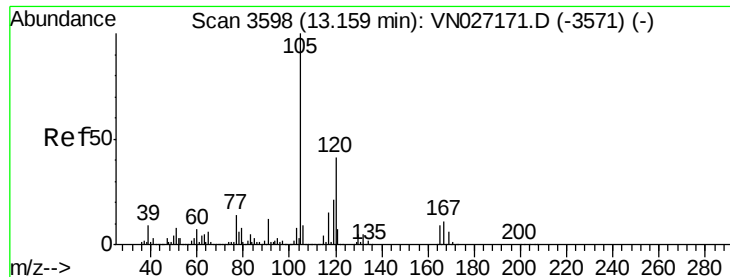
Tgt Ion: 91 Resp: 498235
Ion Ratio Lower Upper
91 100
126 28.3 14.9 44.5



#84
tert-Butylbenzene
Concen: 18.76 ug/l
RT: 13.11 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN027181.D
Acq: 15 Sep 2015 23:47

Tgt Ion: 119 Resp: 465553
Ion Ratio Lower Upper
119 100
91 80.2 34.6 103.8
134 23.0 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 19.02 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

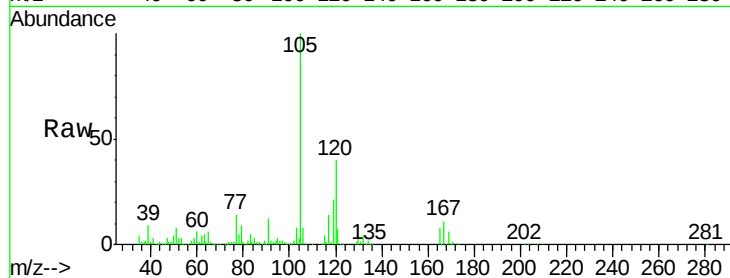
VN0915WBSD01

Tgt Ion:105 Resp: 574513

Ion Ratio Lower Upper

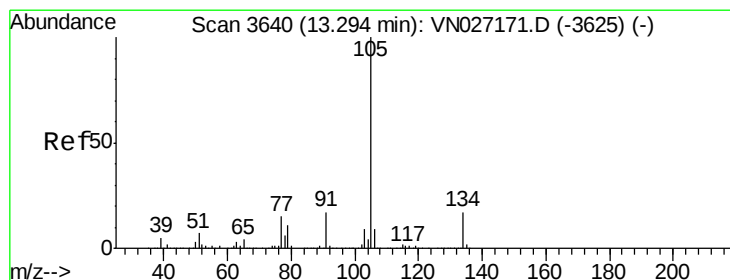
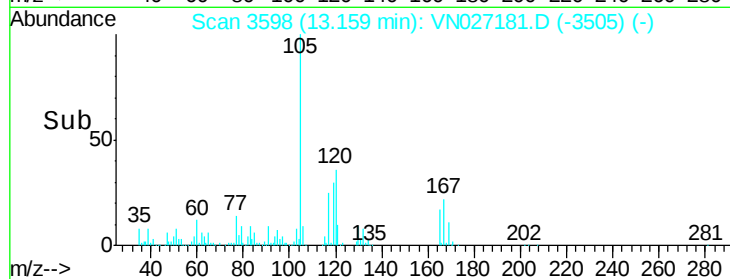
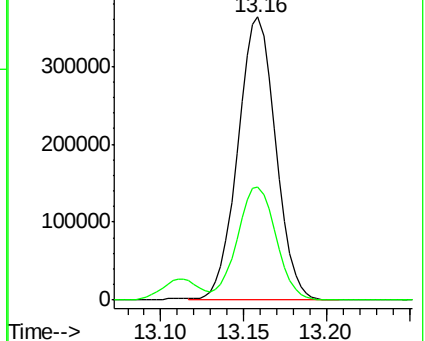
105 100

120 40.9 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

sec-Butylbenzene

Concen: 19.17 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN027181.D

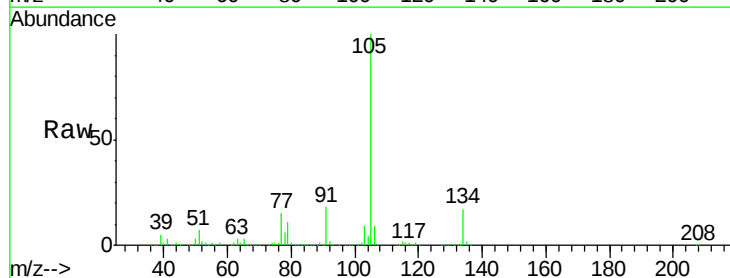
Acq: 15 Sep 2015 23:47

Tgt Ion:105 Resp: 696991

Ion Ratio Lower Upper

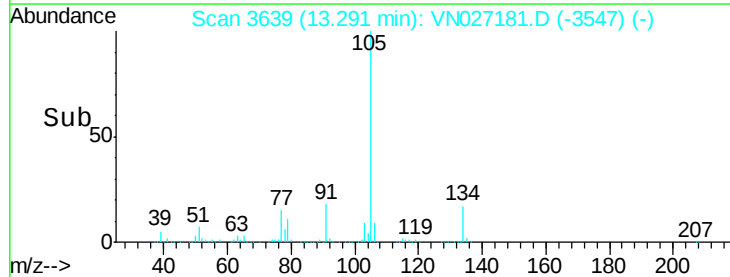
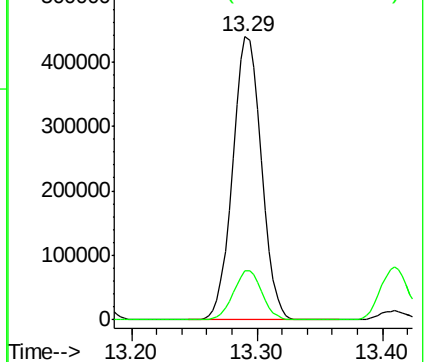
105 100

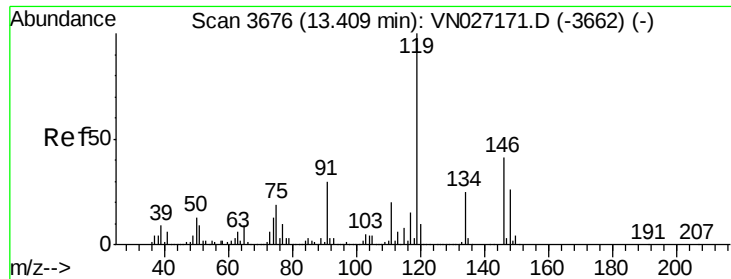
134 17.3 8.8 26.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

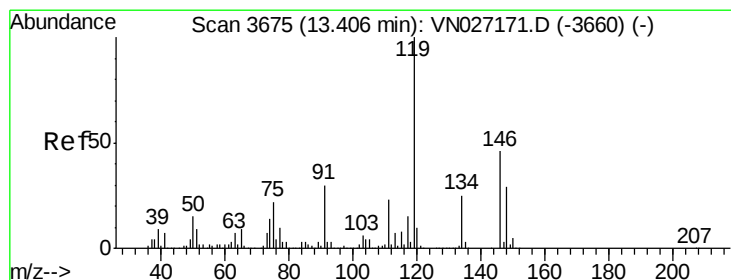
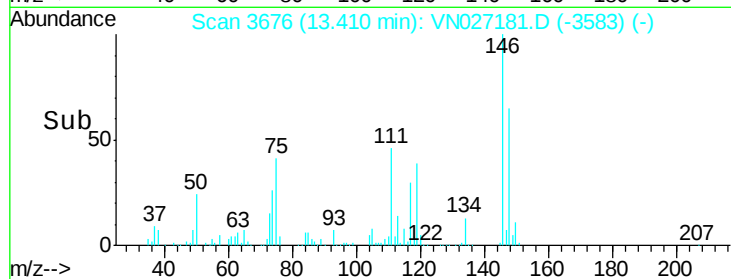
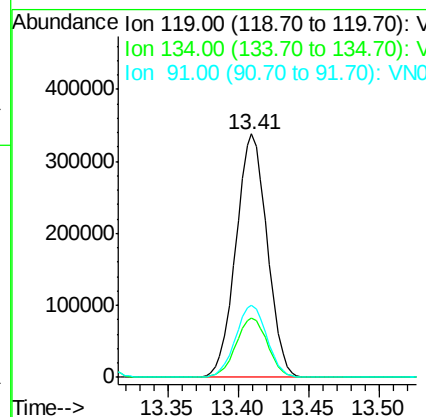
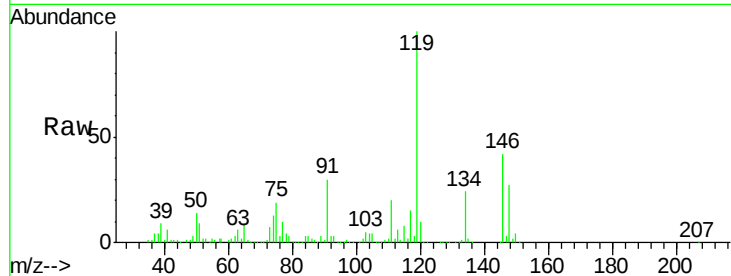




#87
 p-Isopropyltoluene
 Concen: 18.63 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

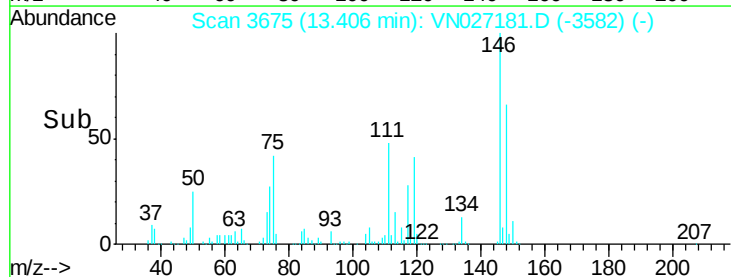
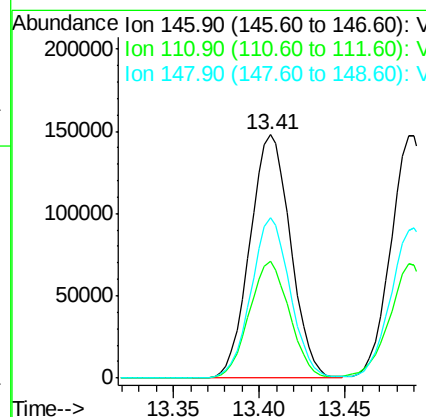
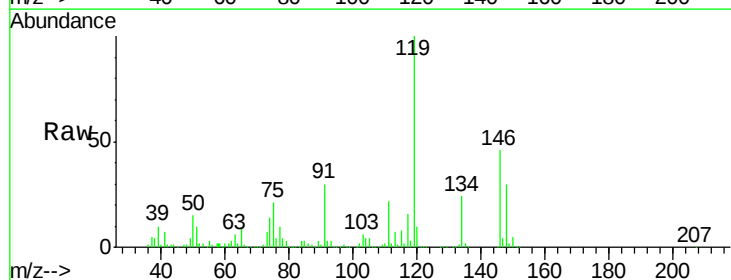
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

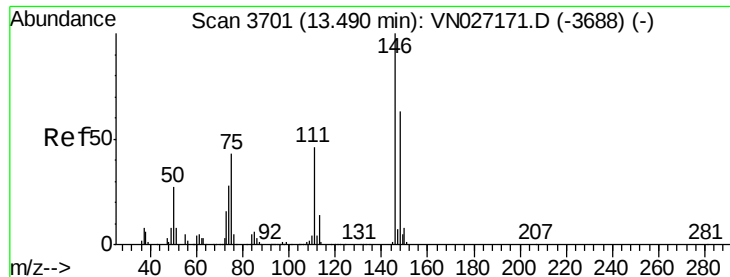
Tgt Ion:119 Resp: 521803
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.4 37.0
 91 29.7 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 19.27 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Tgt Ion:146 Resp: 242129
 Ion Ratio Lower Upper
 146 100
 111 47.5 21.0 63.0
 148 63.2 31.9 95.9





#89

1,4-Dichlorobenzene

Concen: 18.93 ug/l

RT: 13.49 min Scan# 3701

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampled :

VN0915WBSD01

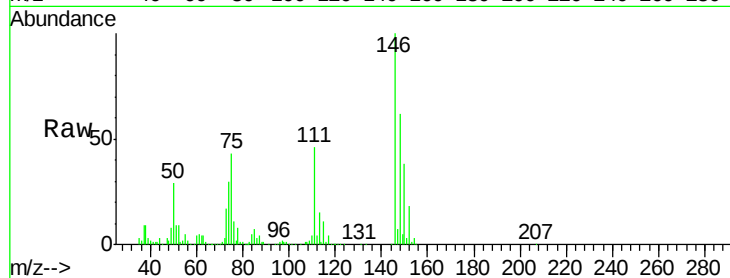
Tgt Ion:146 Resp: 240837

Ion Ratio Lower Upper

146 100

111 47.4 19.9 59.6

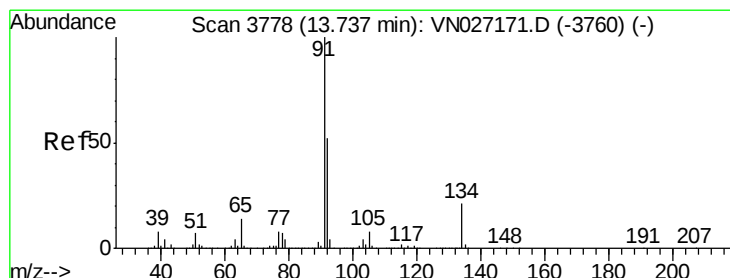
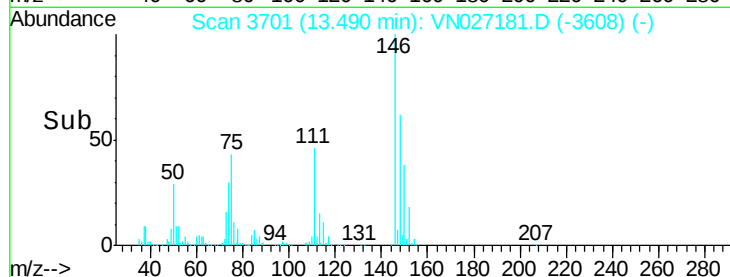
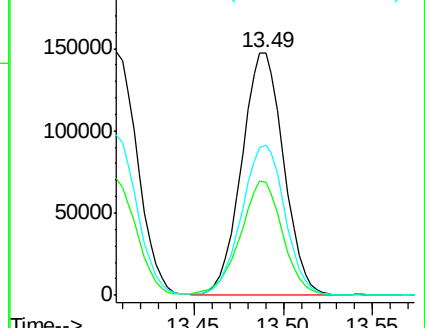
148 63.9 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#90

n-Butylbenzene

Concen: 18.87 ug/l

RT: 13.74 min Scan# 3778

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

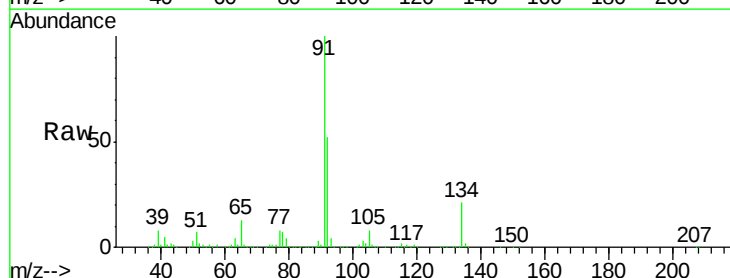
Tgt Ion: 91 Resp: 512823

Ion Ratio Lower Upper

91 100

92 51.2 26.1 78.2

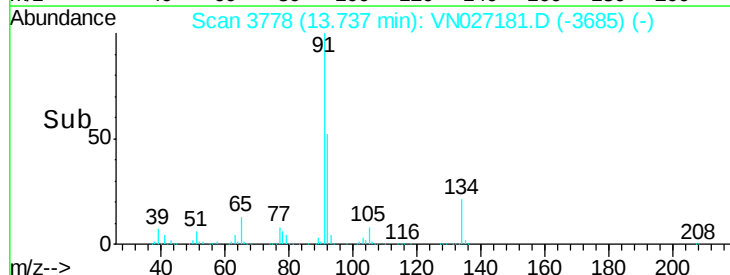
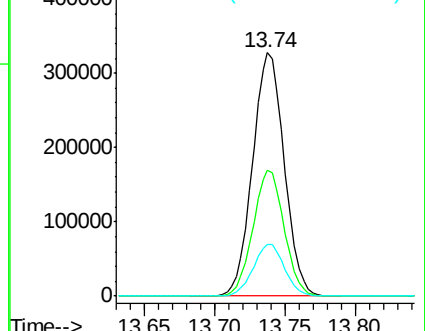
134 21.1 11.1 33.1

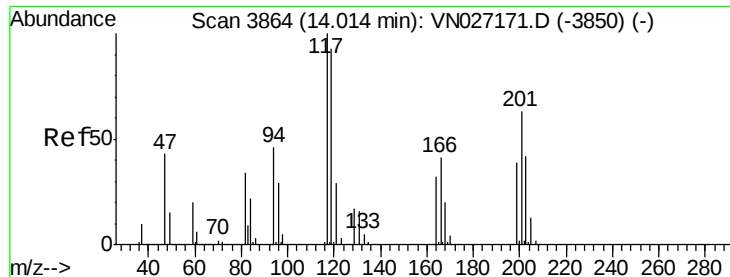


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

Hexachloroethane

Concen: 18.56 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

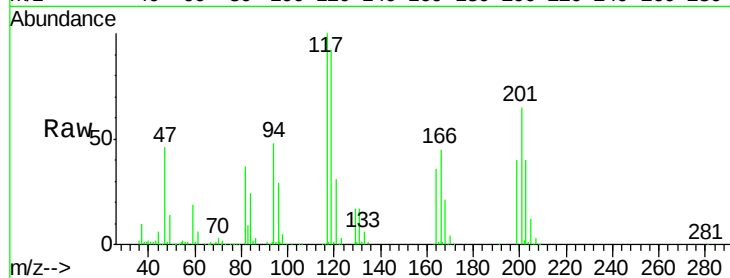
VN0915WBSD01

Tgt Ion:117 Resp: 113756

Ion Ratio Lower Upper

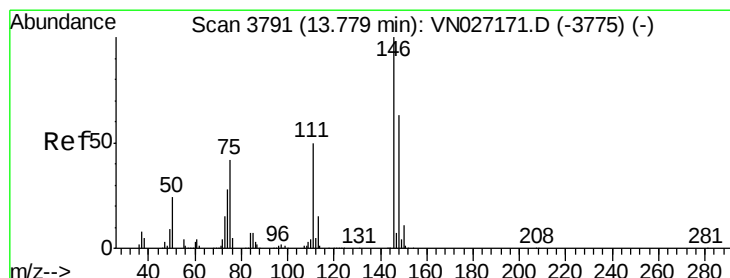
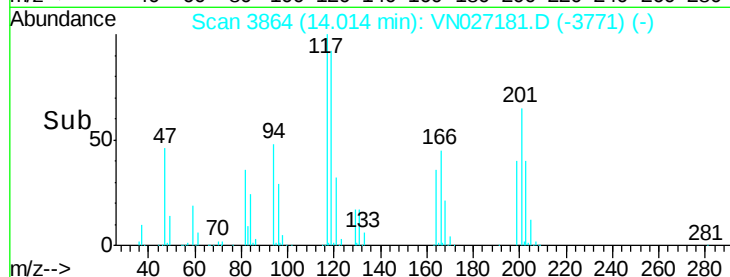
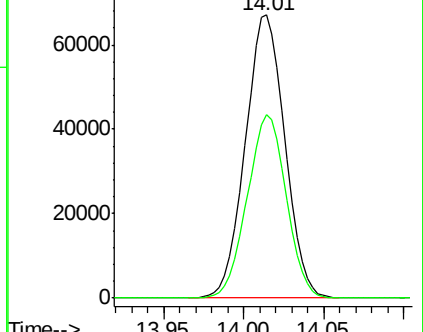
117 100

201 63.8 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: 19.71 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

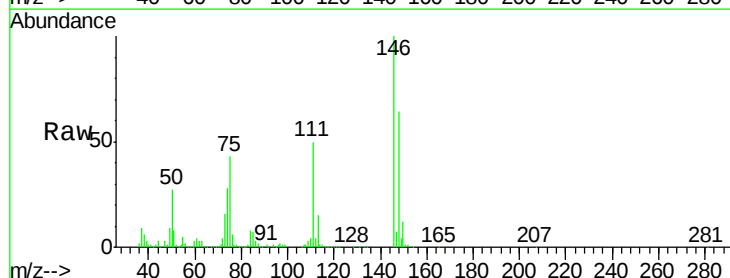
Tgt Ion:146 Resp: 244757

Ion Ratio Lower Upper

146 100

111 49.5 22.1 66.3

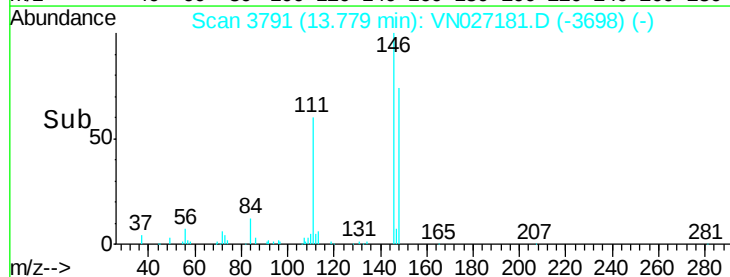
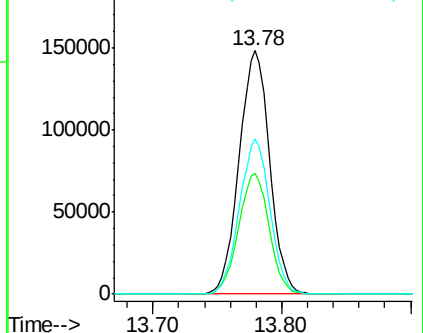
148 63.8 32.0 96.0

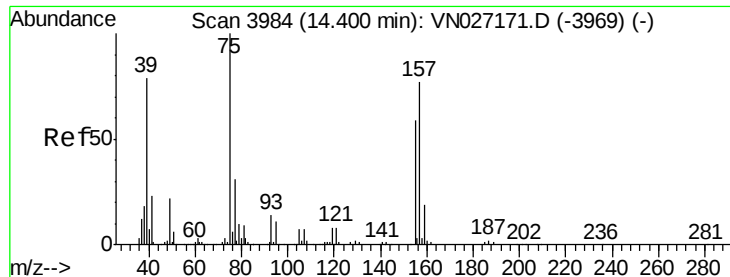


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 18.67 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

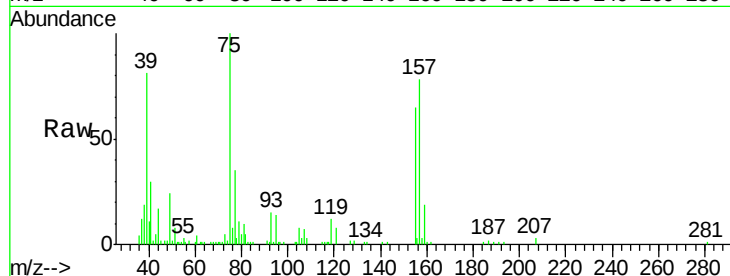
Tgt Ion: 75 Resp: 41771

Ion Ratio Lower Upper

75 100

155 62.2 35.6 106.9

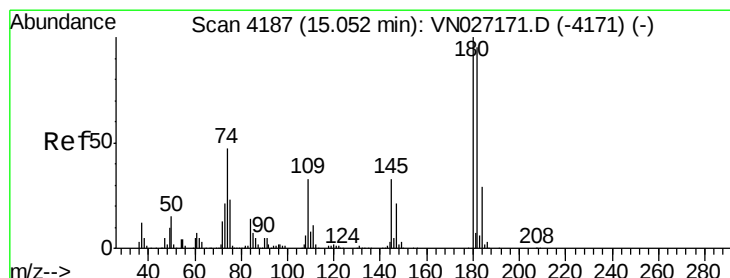
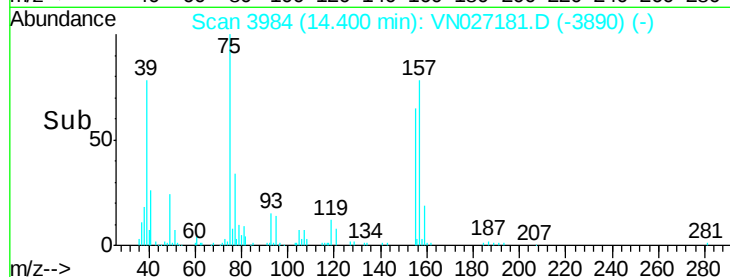
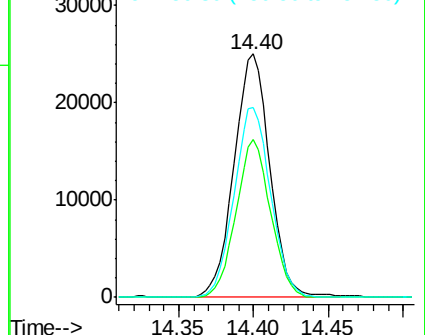
157 79.3 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#94

1,2,4-Trichlorobenzene

Concen: 19.22 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

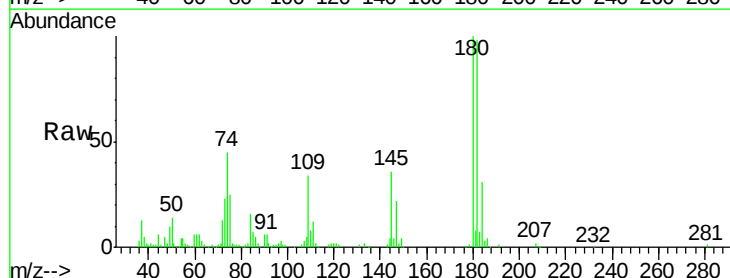
Tgt Ion: 180 Resp: 128905

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

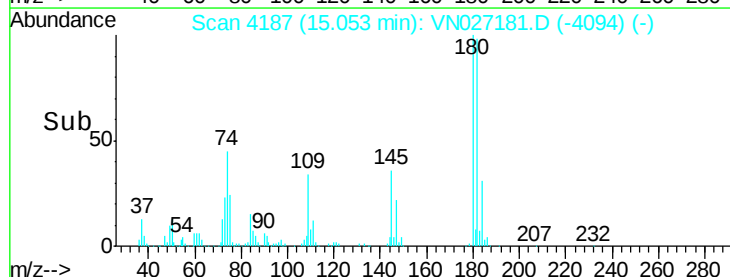
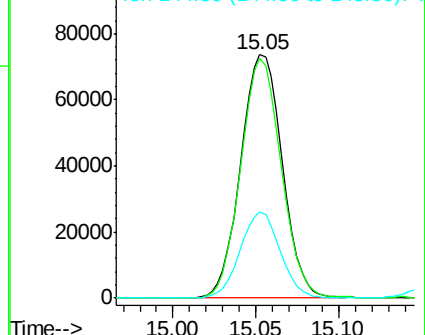
145 34.1 15.1 45.3

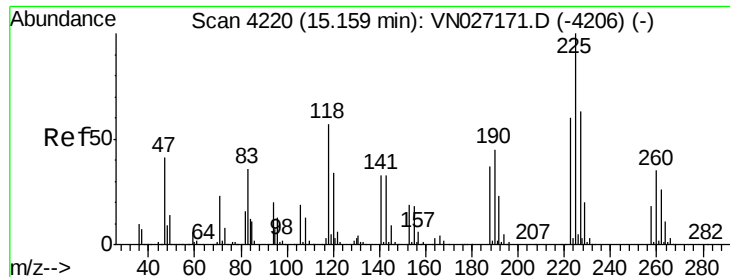


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Hexachlorobutadiene

Concen: 19.08 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

Instrument :

MSVOA_N

ClientSampled :

VN0915WBSD01

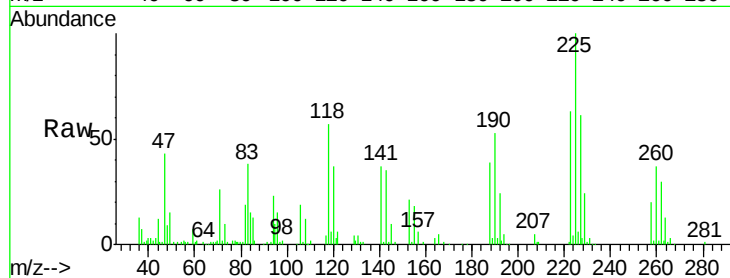
Tgt Ion:225 Resp: 67386

Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

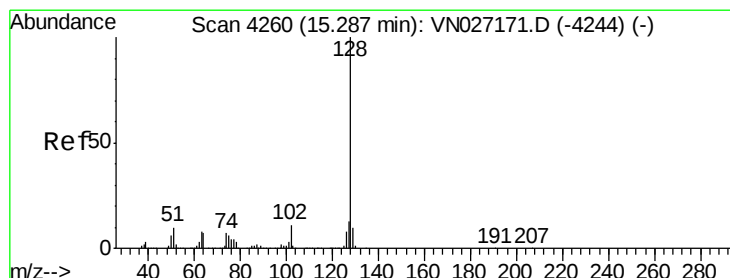
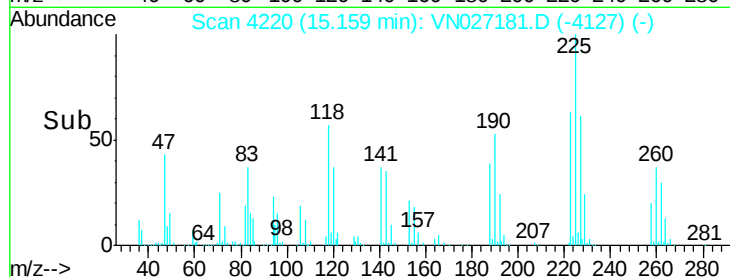
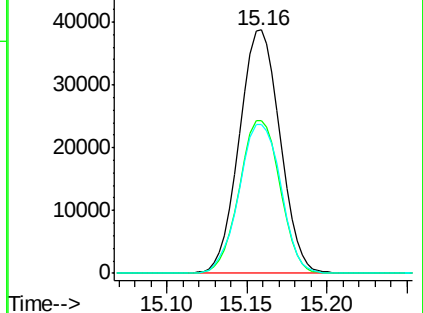
227 62.8 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 19.31 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027181.D

Acq: 15 Sep 2015 23:47

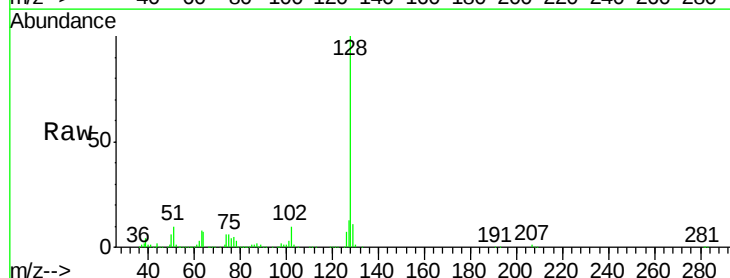
Tgt Ion:128 Resp: 379756

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

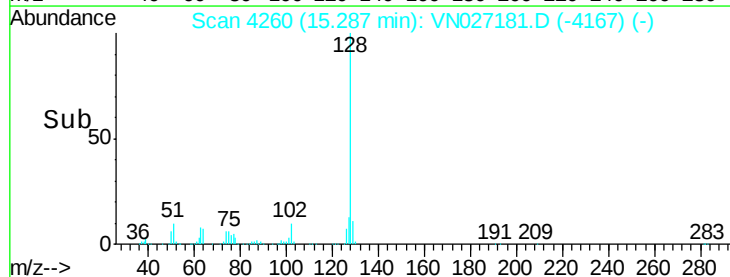
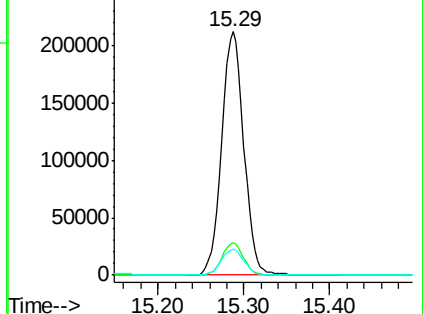
129 10.9 8.6 12.8

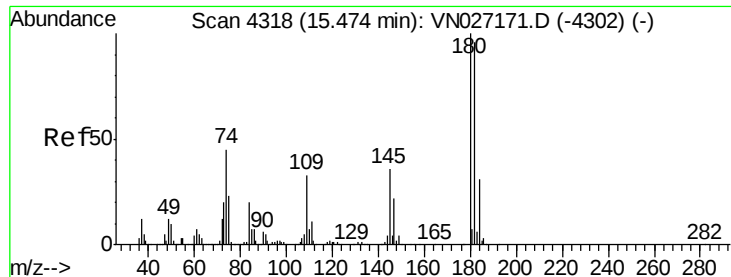


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

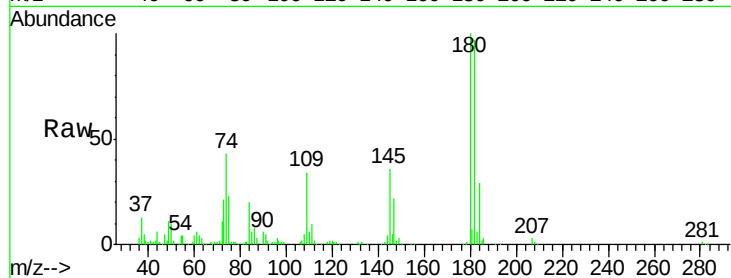




#97
 1,2,3-Trichlorobenzene
 Concen: 19.52 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027181.D
 Acq: 15 Sep 2015 23:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.8	146.4
145	35.2	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

