

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027346.D
 Acq On : 21 Sep 2015 23:17
 Operator : MD\FY
 Sample : VN0921WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Quant Time: Sep 22 03:41:16 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	539062	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1034487	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	865769	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	327543	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	489915	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
36) Dibromofluoromethane	7.68	113	305297	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
51) Toluene-d8	10.19	98	1168521	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
63) 4-Bromofluorobenzene	12.52	95	411962	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	105869	18.92	ug/l	97
3) Chlorodifluoromethane	1.82	51	137730	19.44	ug/l	95
4) Chloromethane	2.01	50	124326	19.39	ug/l	99
5) Vinyl Chloride	2.14	62	138301	19.34	ug/l	96
6) Bromomethane	2.54	94	59182	20.32	ug/l	99
7) Chloroethane	2.69	64	90857	19.98	ug/l	99
8) Trichlorofluoromethane	3.02	101	203577	19.60	ug/l	99
9) Diethyl Ether	3.43	74	95371	20.66	ug/l	82
10) 1,1,2-Trichlorotrifluoroet	3.79	101	130676	19.84	ug/l	96
11) Methyl Iodide	3.99	142	94016	19.90	ug/l	95
12) Tert butyl alcohol	4.80	59	87382	103.80	ug/l	99
13) 1,1-Dichloroethene	3.77	96	123951	20.14	ug/l	97
14) Acrolein	3.62	56	92291	84.56	ug/l	97
15) Allyl chloride	4.37	41	232059	19.33	ug/l	# 82
16) Acrylonitrile	5.03	53	303345	99.24	ug/l	98
17) Acetone	3.83	43	246760	85.95	ug/l	96
18) Carbon Disulfide	4.11	76	346795	18.82	ug/l	99
19) Methyl Acetate	4.36	43	376057	21.12	ug/l	92
20) Methyl tert-butyl Ether	5.12	73	494601	20.13	ug/l	95
21) Methylene Chloride	4.60	84	152948	20.01	ug/l	96
22) trans-1,2-Dichloroethene	5.13	96	131802	19.47	ug/l	97
23) Diisopropyl ether	6.04	45	516592	19.79	ug/l	# 87
24) Vinyl Acetate	5.98	43	1087834	128.80	ug/l	99
25) 1,1-Dichloroethane	5.93	63	305166	20.06	ug/l	99
26) 2-Butanone	6.92	43	367781	97.82	ug/l	98
27) 2,2-Dichloropropane	6.92	77	226803	17.30	ug/l	96
28) cis-1,2-Dichloroethene	6.92	96	161085	20.14	ug/l	99
29) Bromochloromethane	7.29	49	116294	19.48	ug/l	96
30) Tetrahydrofuran	7.32	42	245478	103.01	ug/l	90
31) Chloroform	7.46	83	293568	20.54	ug/l	96
32) Cyclohexane	7.77	56	278525	19.63	ug/l	# 90
33) 1,1,1-Trichloroethane	7.67	97	249399	19.69	ug/l	96
37) 1,1-Dichloropropene	7.89	75	208573	18.71	ug/l	100
38) Ethyl Acetate	7.02	43	170445	19.80	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	197421	18.82	ug/l	95
40) Methylcyclohexane	9.19	83	241790	18.26	ug/l	97
41) Benzene	8.14	78	625513	19.33	ug/l	100
42) Methacrylonitrile	7.25	41	95613	18.81	ug/l #	85
43) 1,2-Dichloroethane	8.22	62	249944	18.95	ug/l	96
44) Isopropyl Acetate	8.25	43	320631	19.49	ug/l	98
45) Trichloroethene	8.93	130	124607	19.22	ug/l	89
46) 1,2-Dichloropropane	9.21	63	175999	19.43	ug/l	100
47) Dibromomethane	9.31	93	103773	19.09	ug/l	94
48) Bromodichloromethane	9.49	83	217304	18.85	ug/l	96
49) Methyl methacrylate	9.29	41	151587	19.58	ug/l #	87
50) 1,4-Dioxane	9.30	88	37027	396.14	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	843597	99.68	ug/l	99
53) Toluene	10.26	92	364899	19.06	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	221312	17.98	ug/l	97
55) cis-1,3-Dichloropropene	9.93	75	248964	18.42	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	140016	19.61	ug/l	99
57) Ethyl methacrylate	10.52	69	217319	19.18	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	257637	19.58	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	510512	101.68	ug/l	97
60) 2-Hexanone	10.84	43	561367	97.60	ug/l	100
61) Dibromochloromethane	11.00	129	132449	18.95	ug/l	97
62) 1,2-Dibromoethane	11.11	107	128113	18.87	ug/l	98
65) Tetrachloroethene	10.74	164	99640	19.34	ug/l	90
66) Chlorobenzene	11.54	112	359609	19.37	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	122350	19.64	ug/l	97
68) Ethyl Benzene	11.62	91	682379	19.49	ug/l	100
69) m/p-Xylenes	11.73	106	474649	39.10	ug/l	92
70) o-Xylene	12.06	106	237554	19.37	ug/l	92
71) Styrene	12.08	104	380384	19.48	ug/l	95
72) Bromoform	12.24	173	78610	18.81	ug/l #	99
74) Isopropylbenzene	12.36	105	648305	19.76	ug/l	98
75) N-amyl acetate	12.17	43	250562	19.25	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	181368	19.64	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	250307	30.44	ug/l	53
78) Bromobenzene	12.64	156	122940	19.15	ug/l	92
79) n-propylbenzene	12.71	91	739187	18.89	ug/l	98
80) 2-Chlorotoluene	12.79	91	448969	18.77	ug/l	96
81) 1,3,5-Trimethylbenzene	12.85	105	503810	18.99	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	56210	17.53	ug/l	94
83) 4-Chlorotoluene	12.89	91	446941	19.14	ug/l	95
84) tert-Butylbenzene	13.11	119	420770	19.67	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	507444	19.24	ug/l	96
86) sec-Butylbenzene	13.29	105	613614	19.26	ug/l	99
87) p-Isopropyltoluene	13.41	119	453115	18.97	ug/l	93
88) 1,3-Dichlorobenzene	13.41	146	217912	19.67	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	209946	18.73	ug/l	92
90) n-Butylbenzene	13.74	91	433142	18.16	ug/l	98
91) Hexachloroethane	14.01	117	93649	18.34	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	217661	19.67	ug/l	96

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QLast Update : Mon Sep 21 13:12:32 2015
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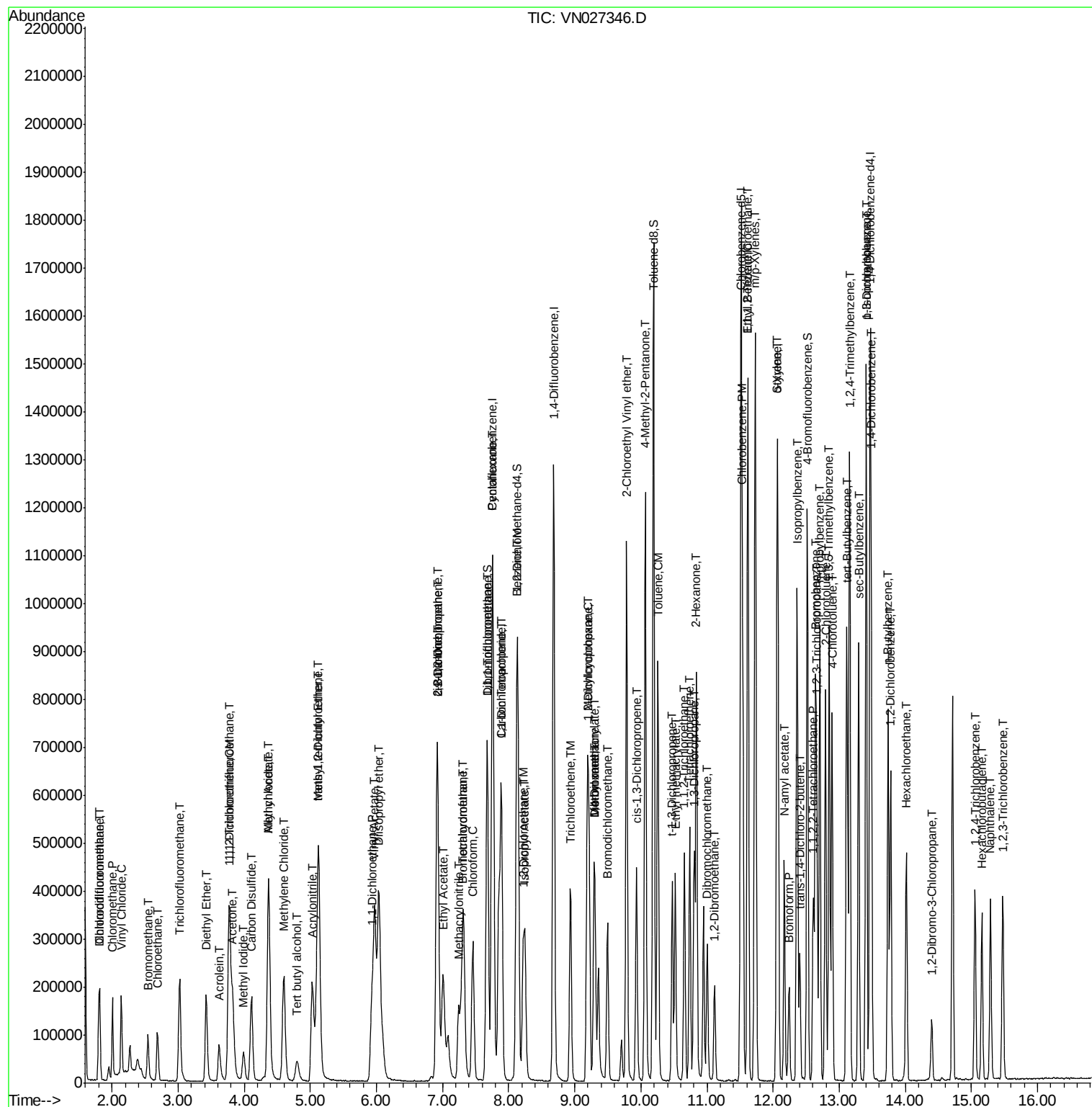
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	33829	18.69	ug/l	85
94) 1,2,4-Trichlorobenzene	15.05	180	107663	18.82	ug/l	99
95) Hexachlorobutadiene	15.16	225	57389	18.31	ug/l	98
96) Naphthalene	15.29	128	293405	19.28	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	108550	19.05	ug/l	97

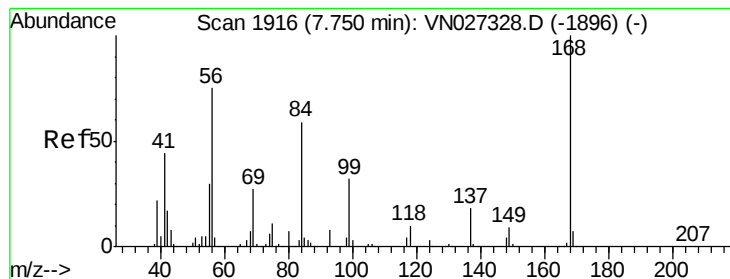
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

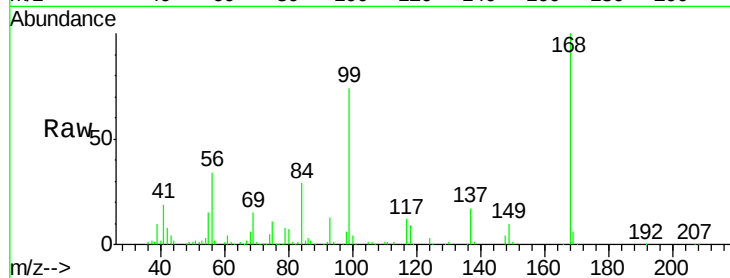
VN0921WBS02

Tgt Ion:168 Resp: 539062

Ion Ratio Lower Upper

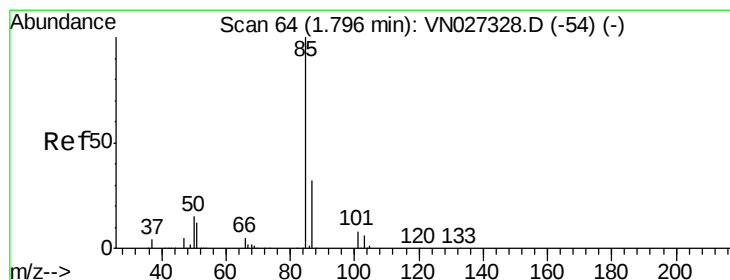
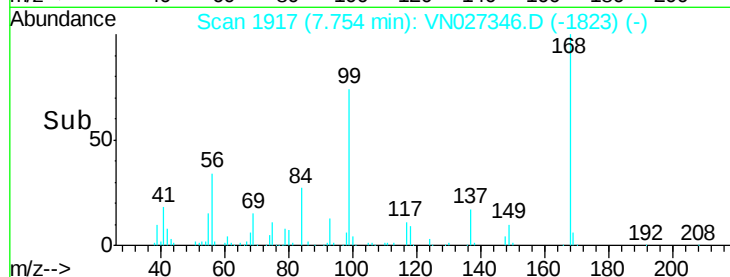
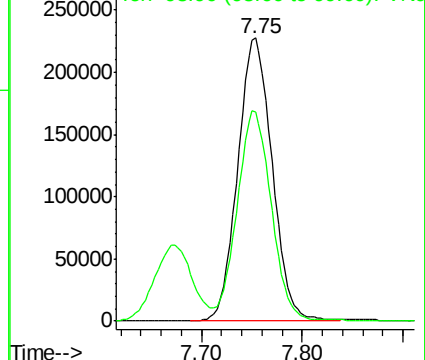
168 100

99 73.3 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.92 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027346.D

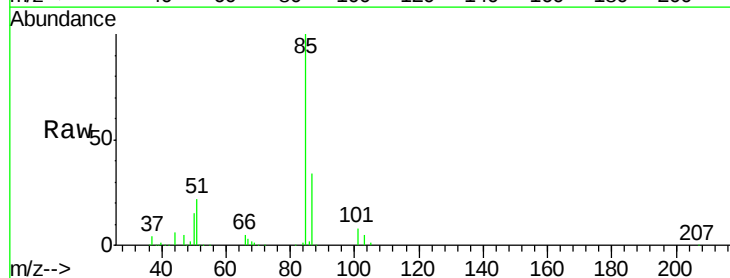
Acq: 21 Sep 2015 23:17

Tgt Ion: 85 Resp: 105869

Ion Ratio Lower Upper

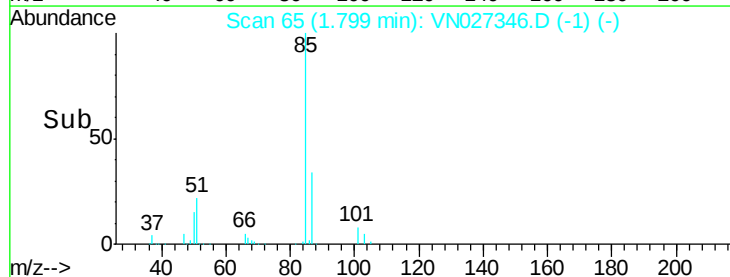
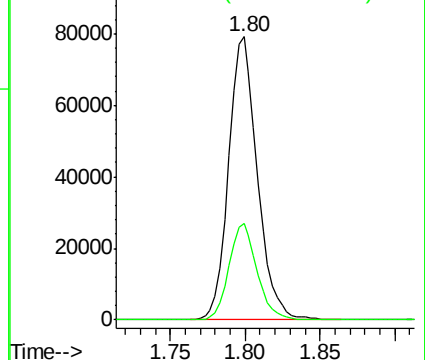
85 100

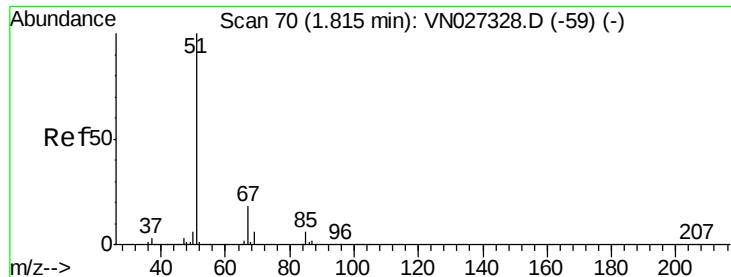
87 34.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chlorodifluoromethane

Concen: 19.44 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

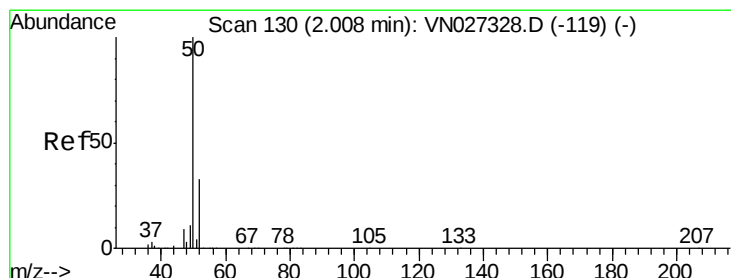
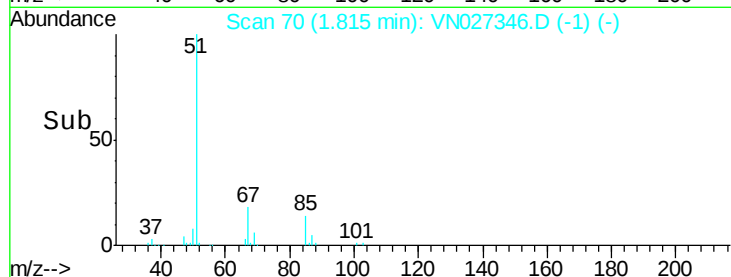
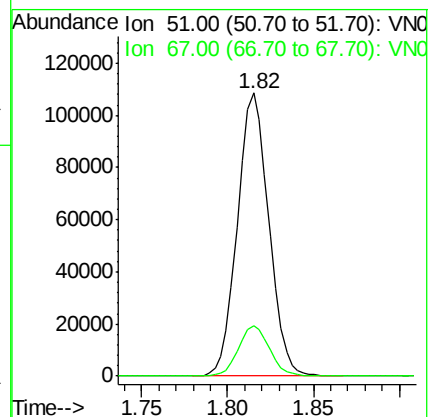
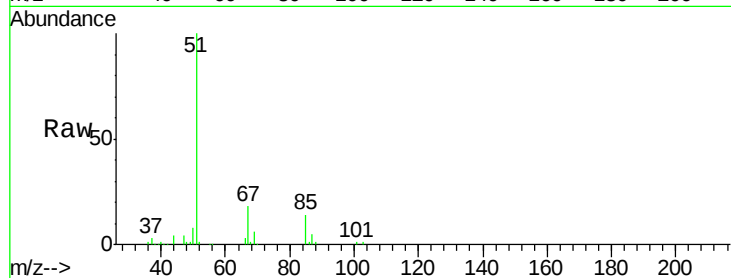
VN0921WBS02

Tgt Ion: 51 Resp: 137730

Ion Ratio Lower Upper

51 100

67 17.5 12.2 18.2



#4

Chloromethane

Concen: 19.39 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027346.D

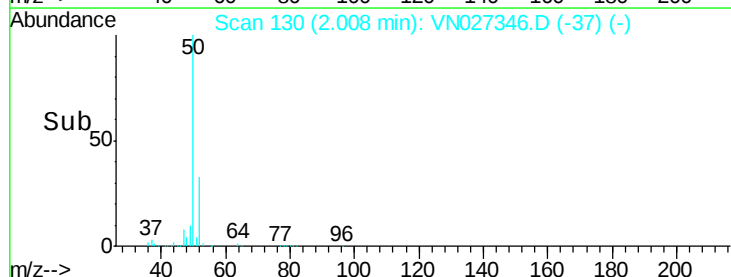
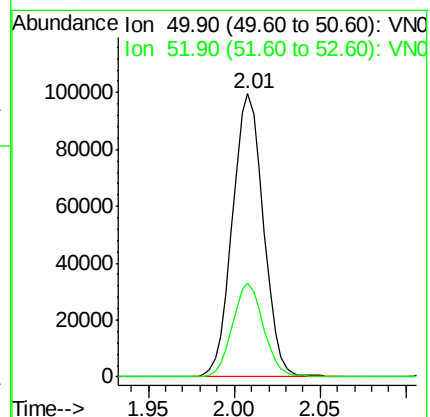
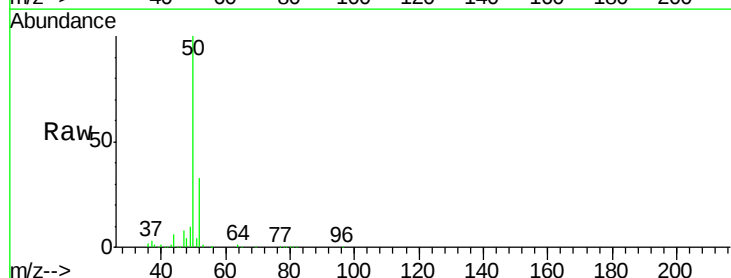
Acq: 21 Sep 2015 23:17

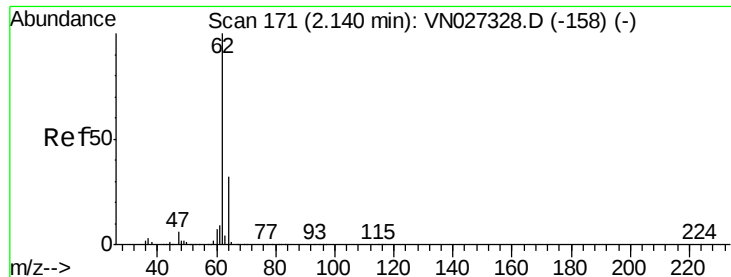
Tgt Ion: 50 Resp: 124326

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9





#5

Vinyl Chloride

Concen: 19.34 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampled :

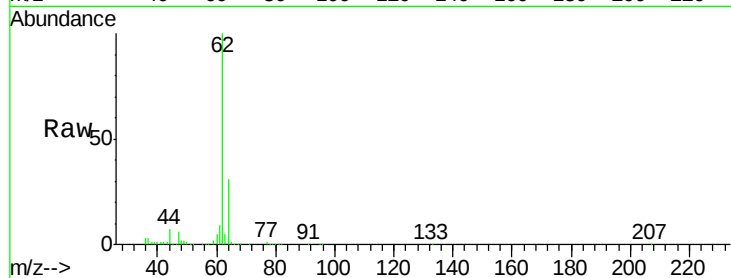
VN0921WBS02

Tgt Ion: 62 Resp: 138301

Ion Ratio Lower Upper

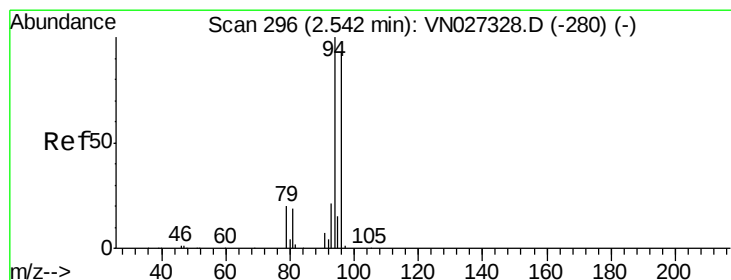
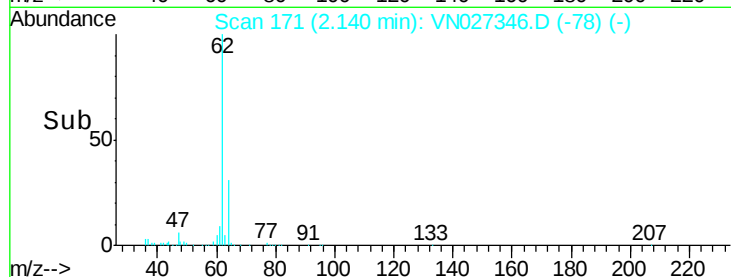
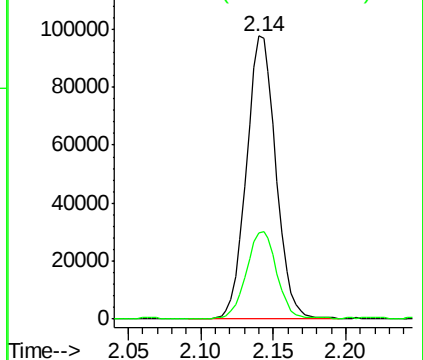
62 100

64 30.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



#6

Bromomethane

Concen: 20.32 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.00 min

Lab File: VN027346.D

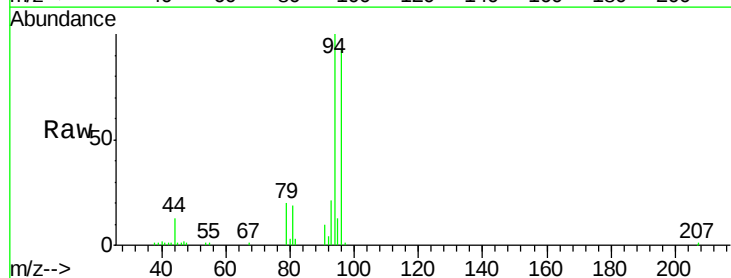
Acq: 21 Sep 2015 23:17

Tgt Ion: 94 Resp: 59182

Ion Ratio Lower Upper

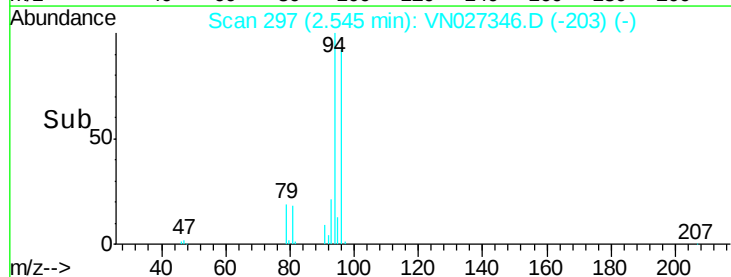
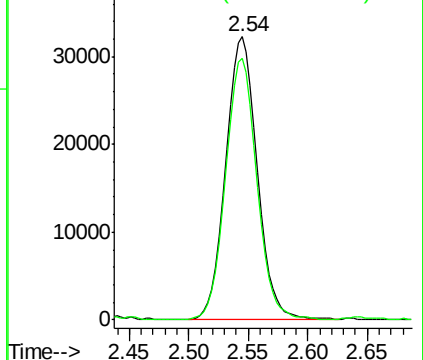
94 100

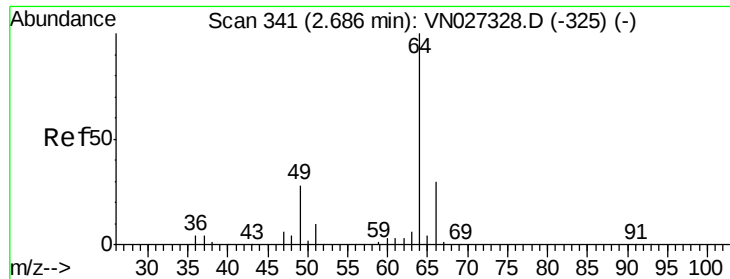
96 92.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC





#7

Chloroethane

Concen: 19.98 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027346.D

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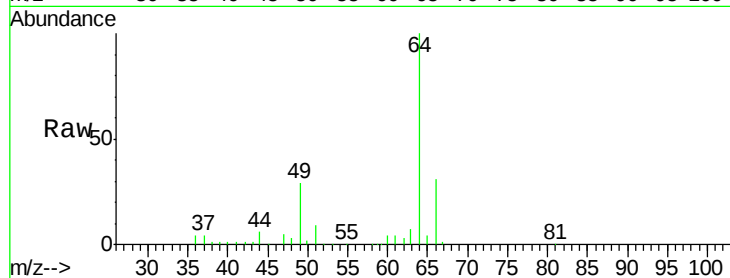
VN0921WBS02

Tgt Ion: 64 Resp: 90857

Ion Ratio Lower Upper

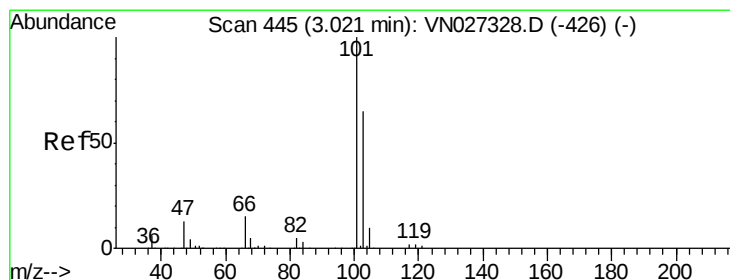
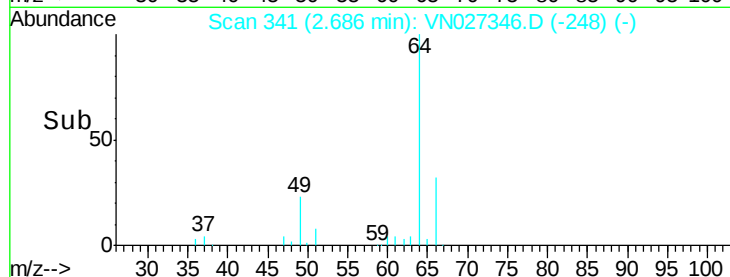
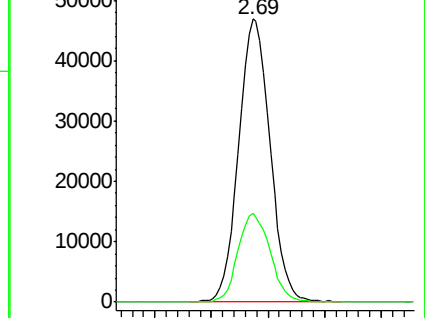
64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#8

Trichlorofluoromethane

Concen: 19.60 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027346.D

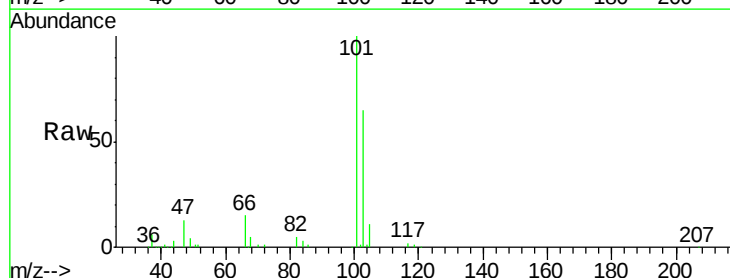
Acq: 21 Sep 2015 23:17

Tgt Ion: 101 Resp: 203577

Ion Ratio Lower Upper

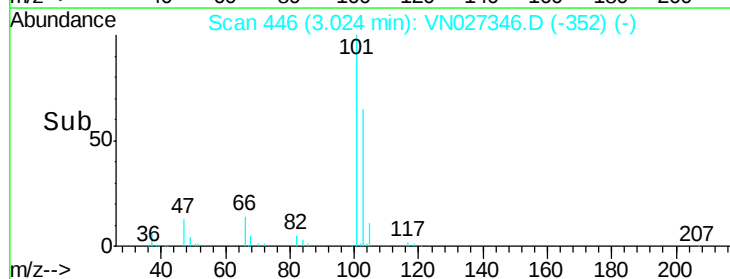
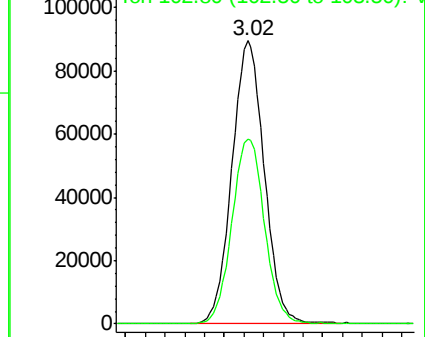
101 100

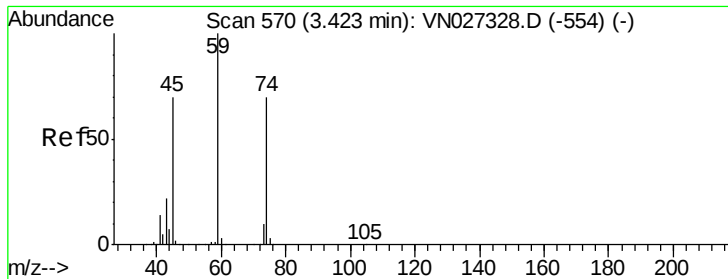
103 65.3 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#9

Diethyl Ether

Concen: 20.66 ug/l

RT: 3.43 min Scan# 571

Delta R.T. 0.00 min

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ClientSampleId :

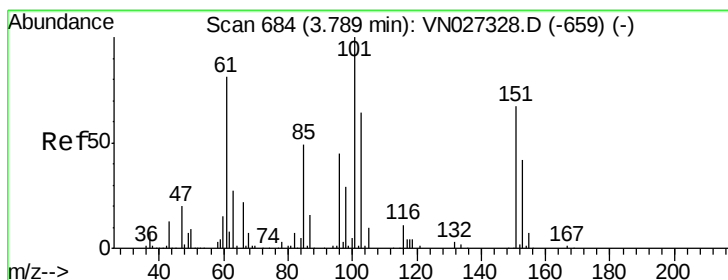
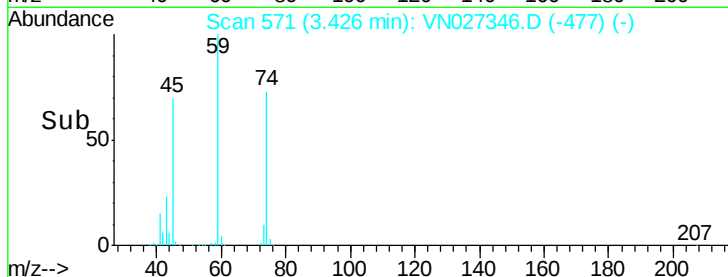
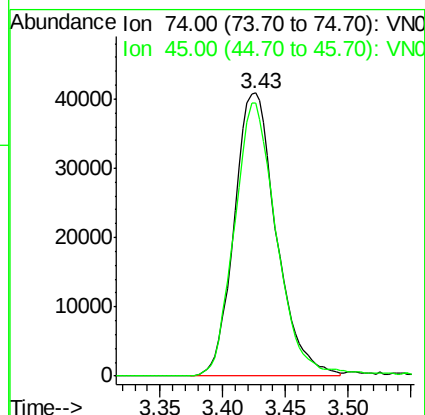
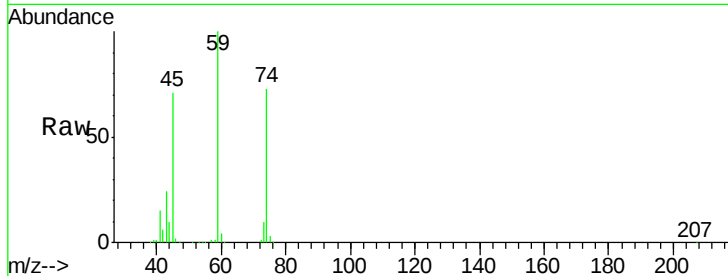
VN0921WBS02

Tgt Ion: 74 Resp: 95371

Ion Ratio Lower Upper

74 100

45 96.7 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 19.84 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

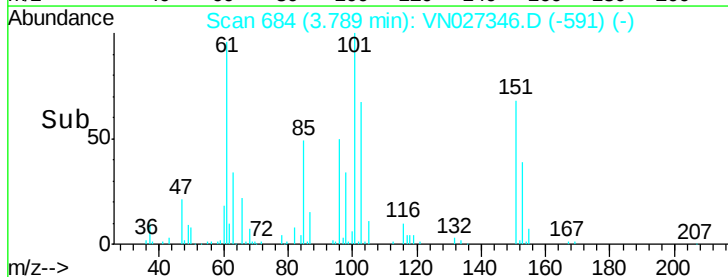
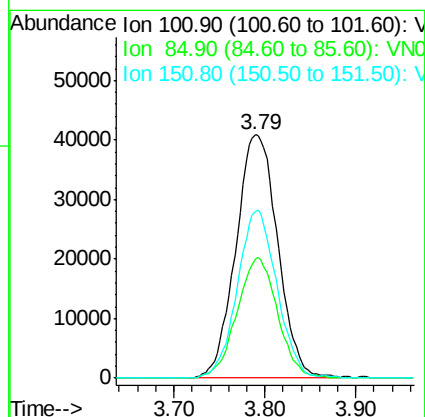
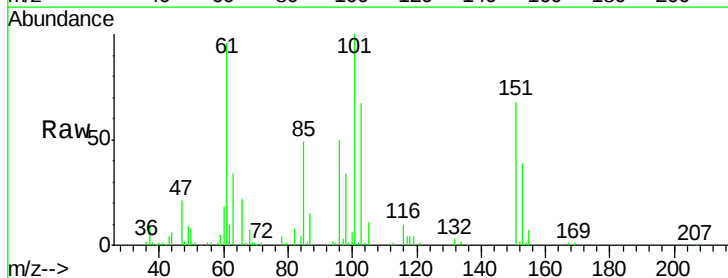
Tgt Ion: 101 Resp: 130676

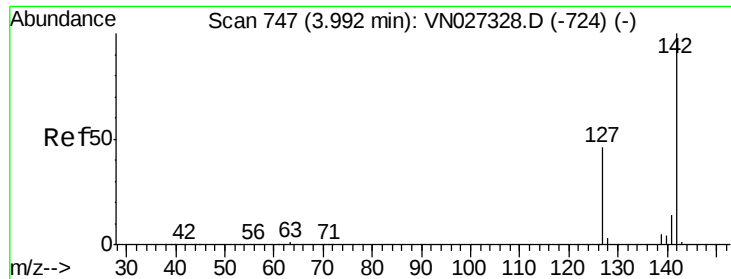
Ion Ratio Lower Upper

101 100

85 47.9 37.4 56.0

151 65.1 55.9 83.9

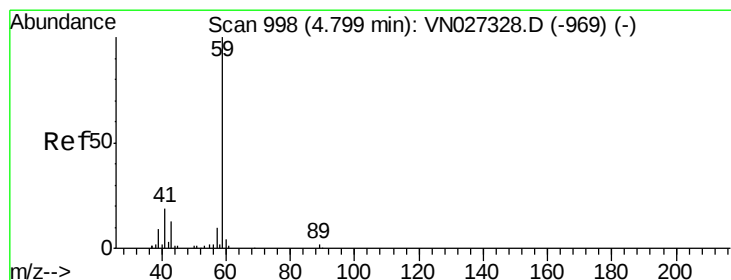
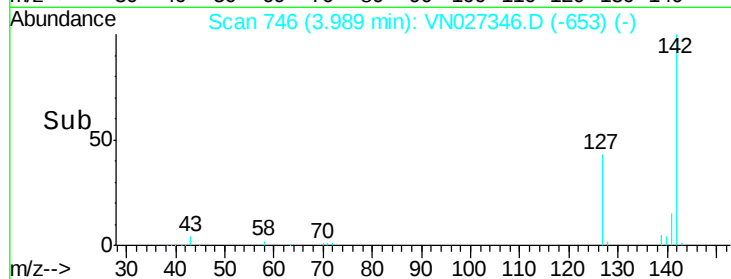
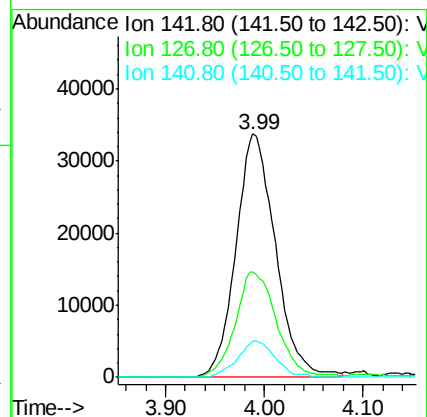
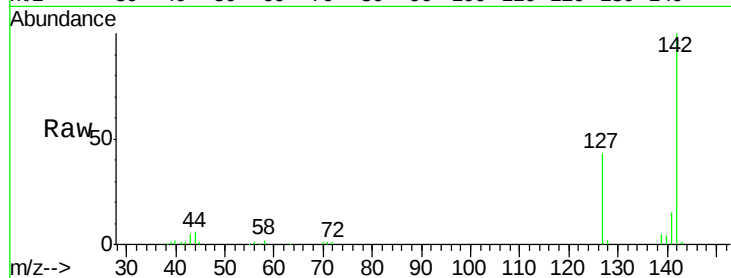




#11
Methyl Iodide
Concen: 19.90 ug/l
RT: 3.99 min Scan# 746
Delta R.T. -0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

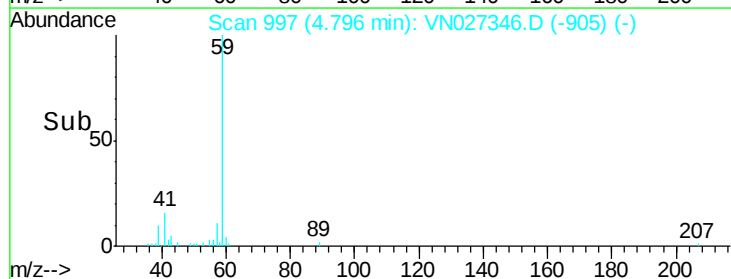
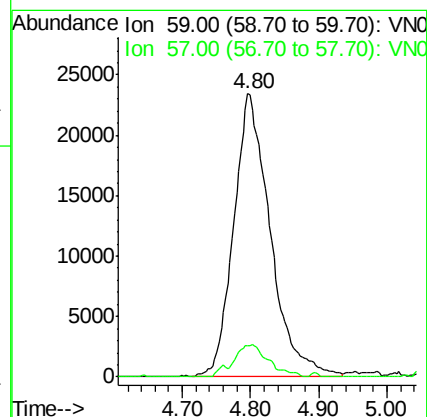
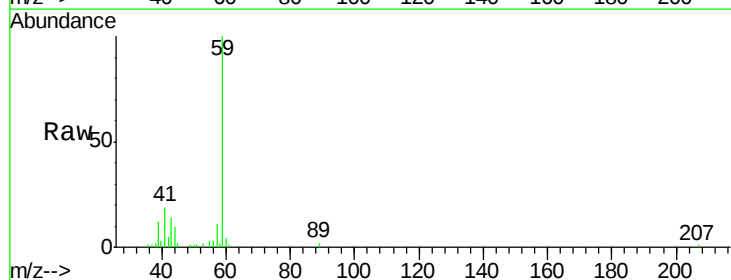
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

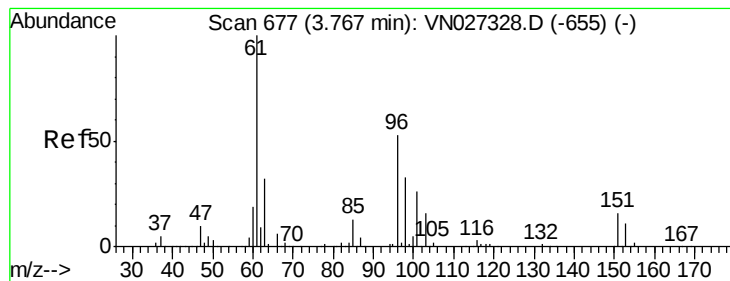
Tgt Ion:142 Resp: 94016
Ion Ratio Lower Upper
142 100
127 44.7 32.3 48.5
141 14.3 11.2 16.8



#12
Tert butyl alcohol
Concen: 103.80 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 59 Resp: 87382
Ion Ratio Lower Upper
59 100
57 10.0 7.6 11.4





#13

1,1-Dichloroethene

Concen: 20.14 ug/l

RT: 3.77 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS02

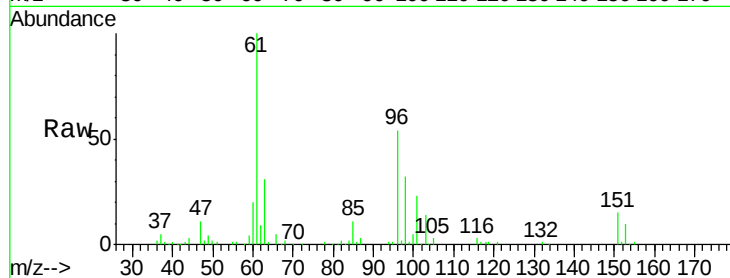
Tgt Ion: 96 Resp: 123951

Ion Ratio Lower Upper

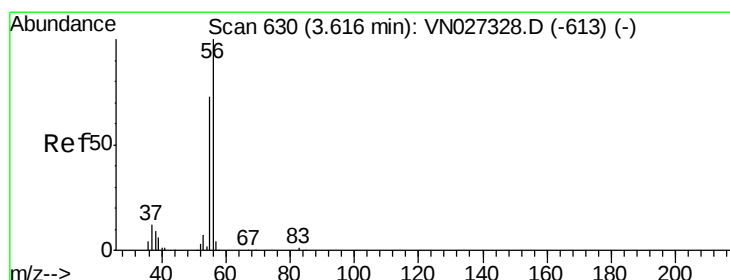
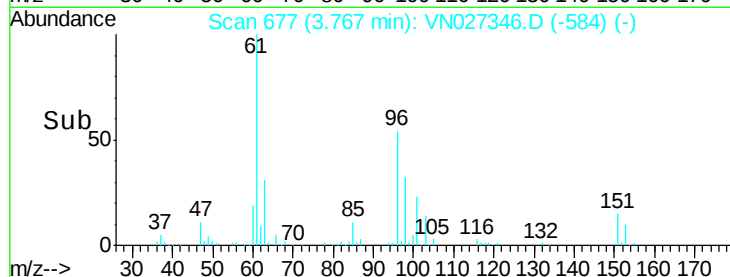
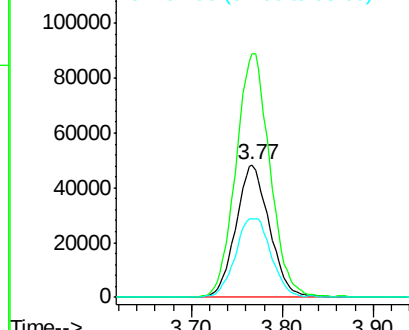
96 100

61 183.6 143.8 215.8

98 59.5 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: 84.56 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN027346.D

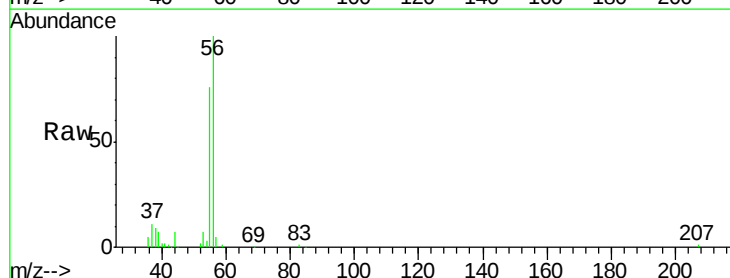
Acq: 21 Sep 2015 23:17

Tgt Ion: 56 Resp: 92291

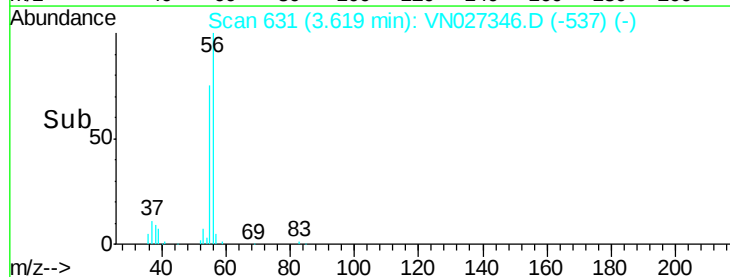
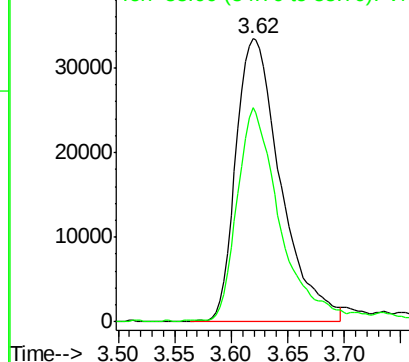
Ion Ratio Lower Upper

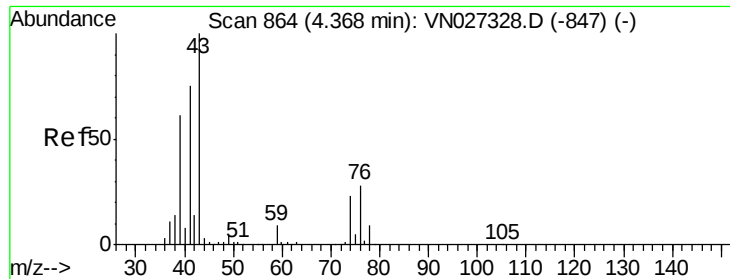
56 100

55 72.2 55.7 83.5



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

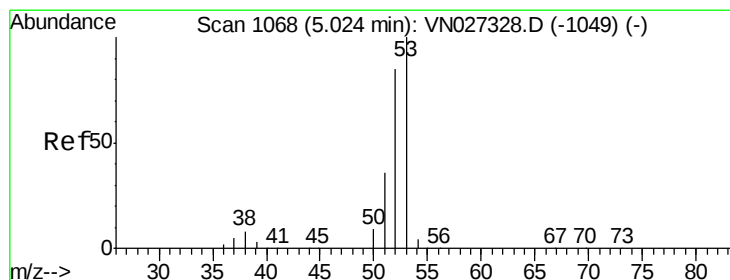
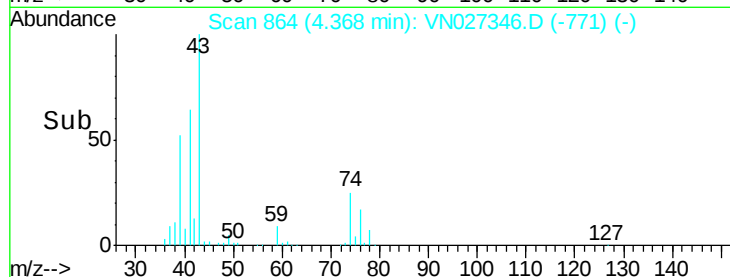
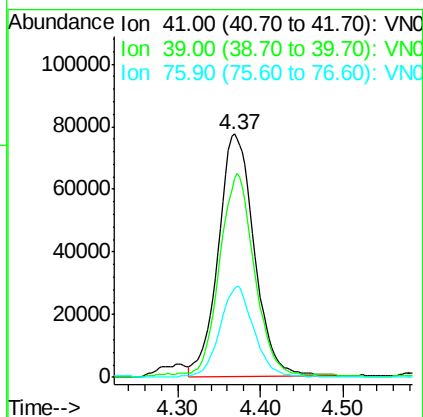
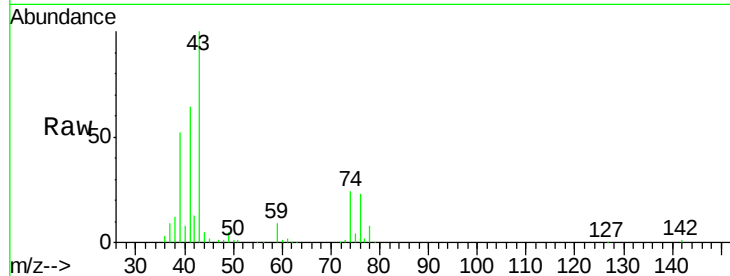




#15
 Allyl chloride
 Concen: 19.33 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

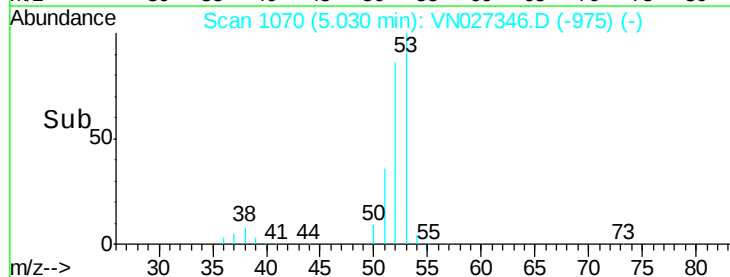
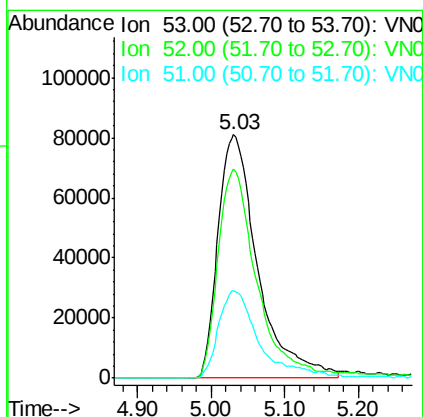
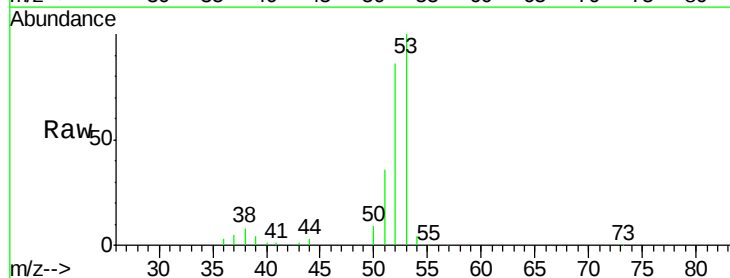
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

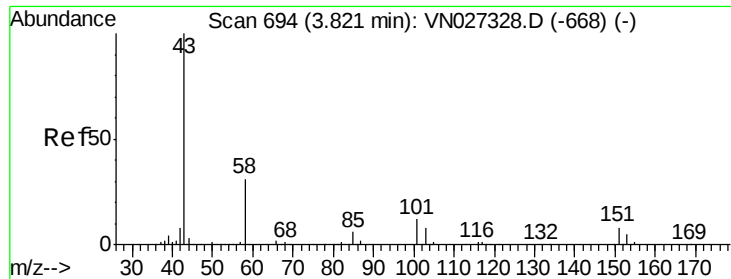
Tgt Ion: 41 Resp: 232059
 Ion Ratio Lower Upper
 41 100
 39 80.6 49.7 74.5#
 76 34.8 24.8 37.2



#16
 Acrylonitrile
 Concen: 99.24 ug/l
 RT: 5.03 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 53 Resp: 303345
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.9 100.3
 51 36.9 27.4 41.0





#17

Acetone

Concen: 85.95 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

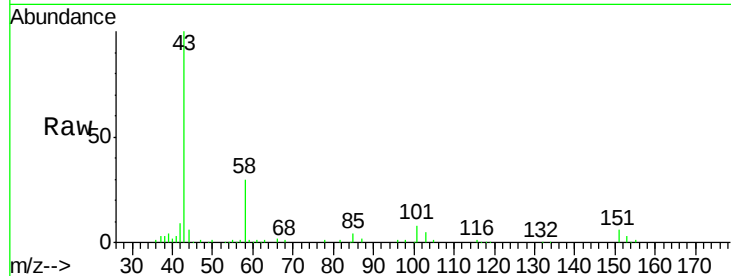
VN0921WBS02

Tgt Ion: 43 Resp: 246760

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

3.83

80000

60000

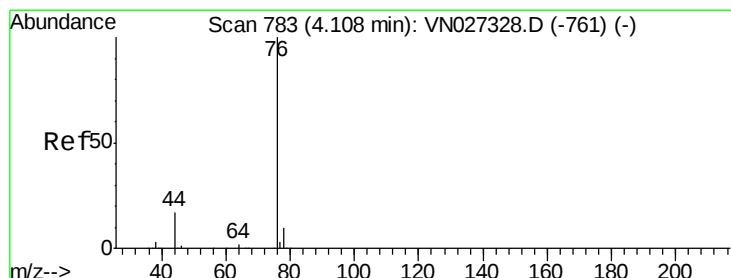
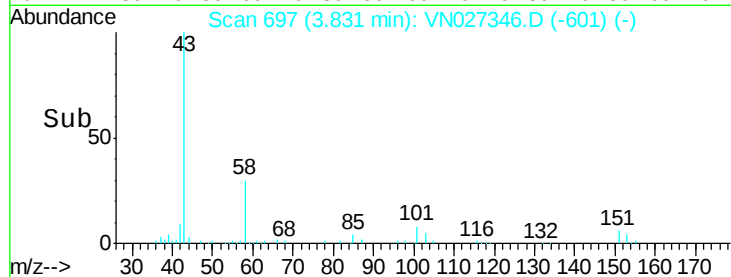
40000

20000

0

Time-->

3.70 3.80 3.90 4.00



#18

Carbon Disulfide

Concen: 18.82 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027346.D

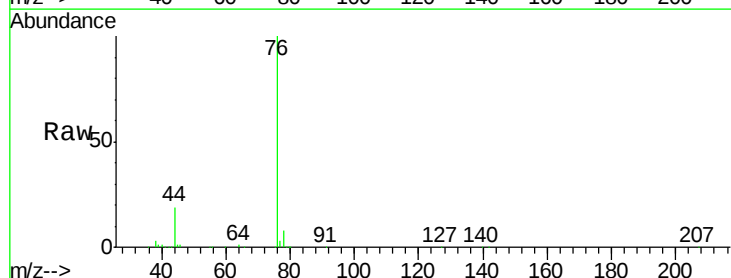
Acq: 21 Sep 2015 23:17

Tgt Ion: 76 Resp: 346795

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.11

150000

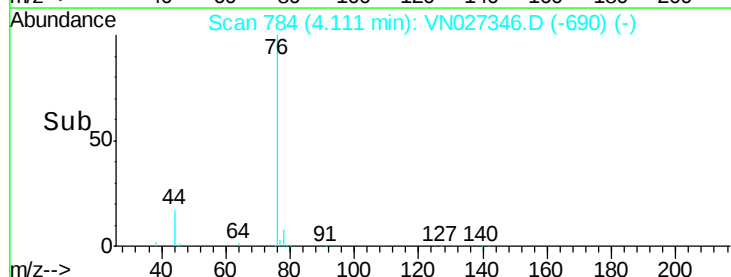
100000

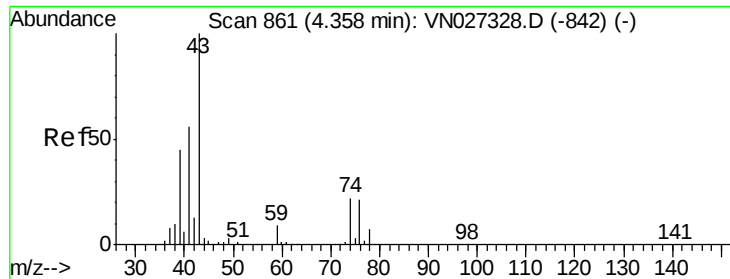
50000

0

Time-->

4.00 4.10 4.20

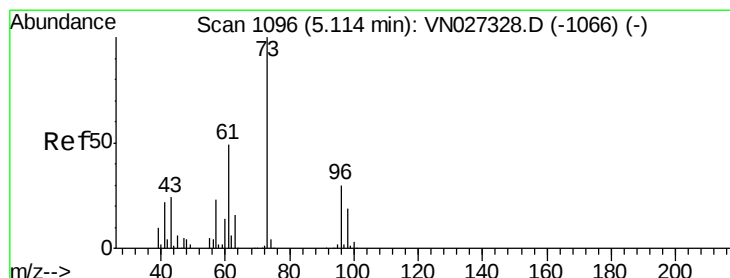
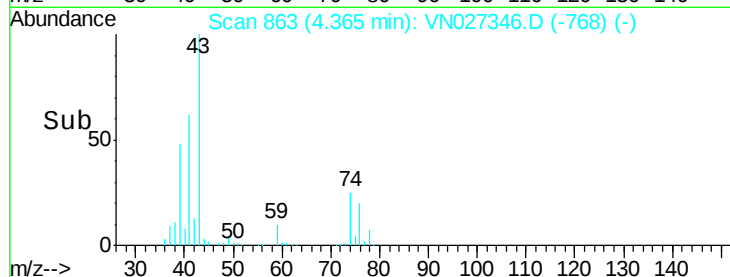
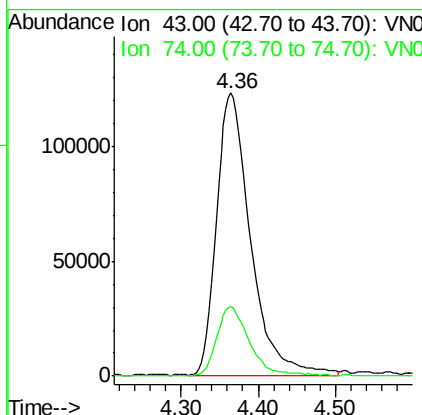
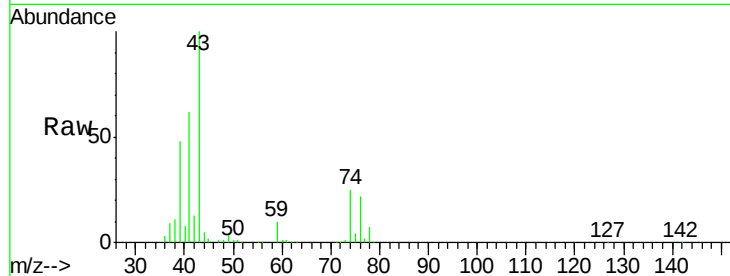




#19
Methyl Acetate
Concen: 21.12 ug/l
RT: 4.36 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

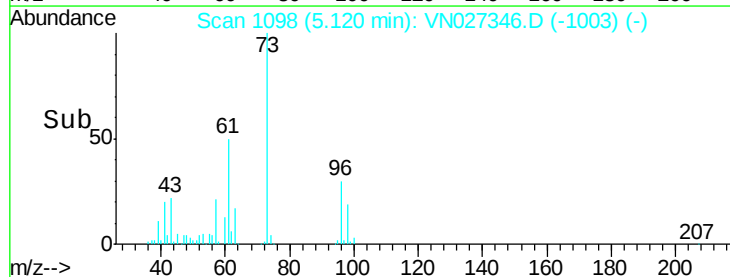
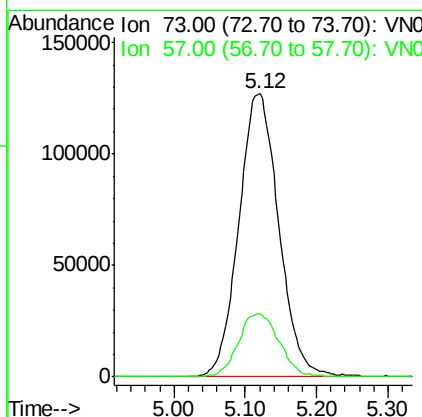
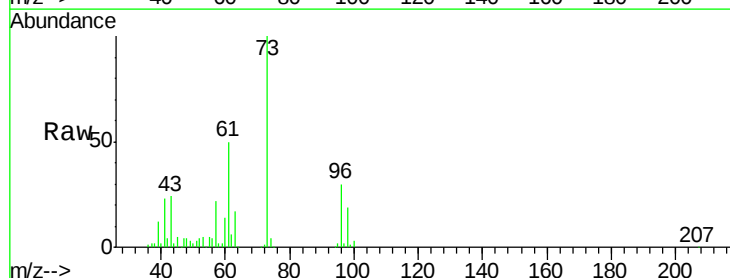
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

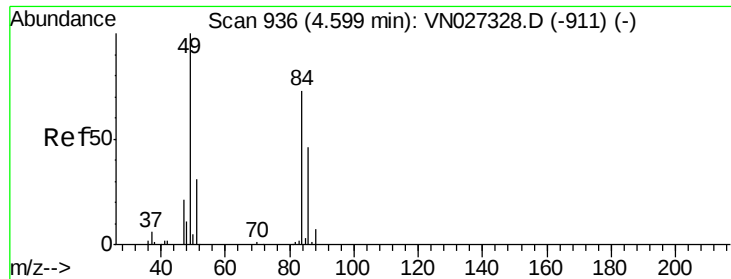
Tgt Ion: 43 Resp: 376057
Ion Ratio Lower Upper
43 100
74 23.8 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 20.13 ug/l
RT: 5.12 min Scan# 1098
Delta R.T. 0.01 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 73 Resp: 494601
Ion Ratio Lower Upper
73 100
57 22.3 19.8 29.6

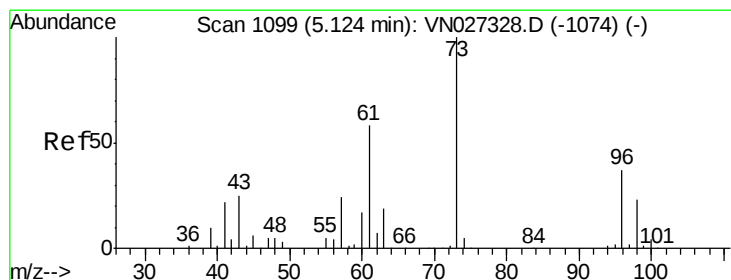
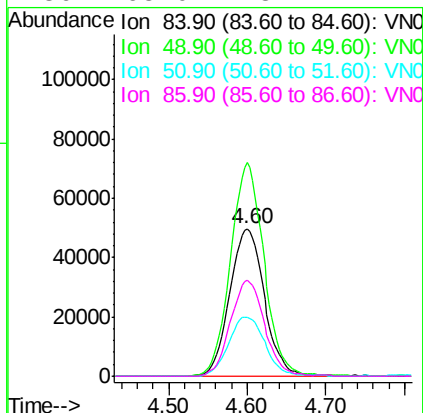
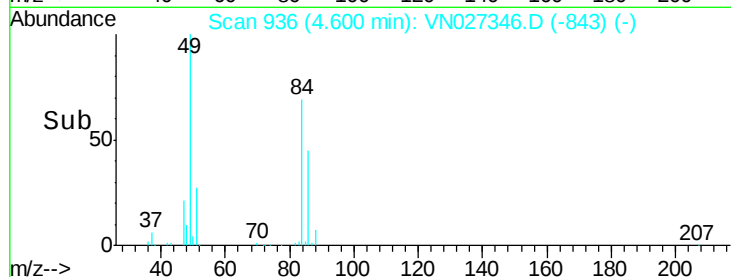
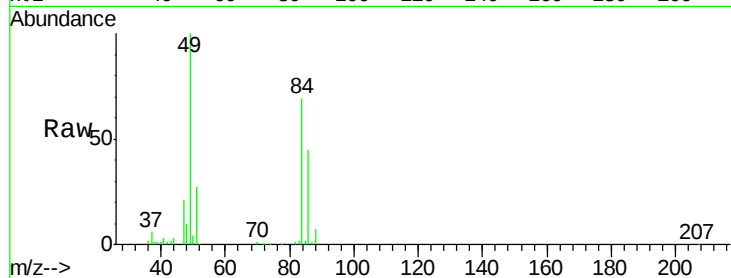




#21
Methylene Chloride
Concen: 20.01 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

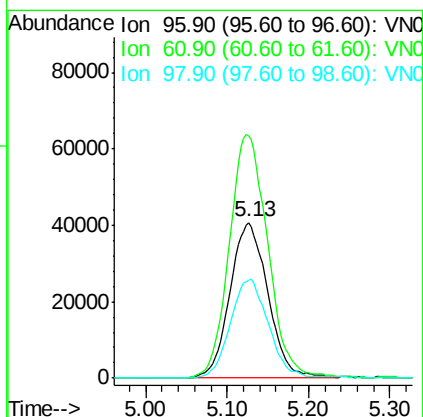
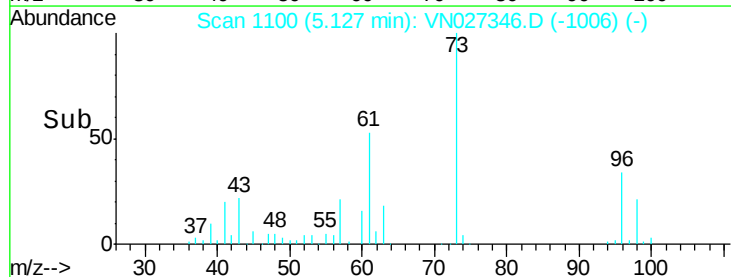
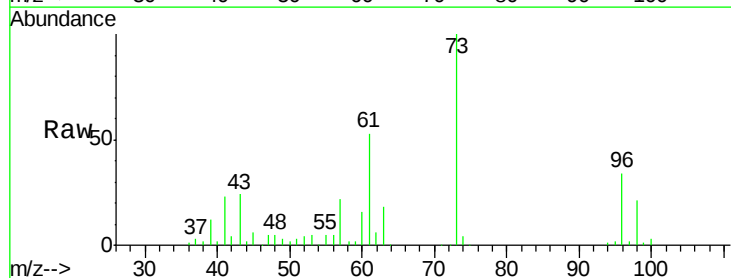
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS02

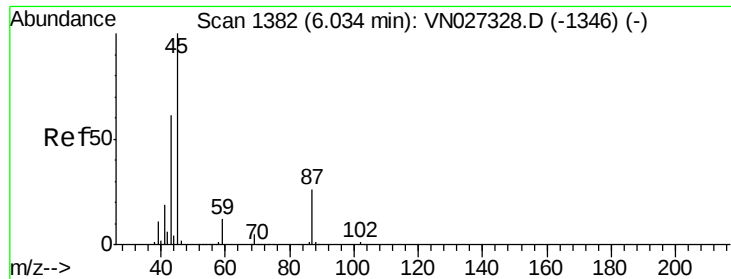
Tgt Ion: 84 Resp: 152948
Ion Ratio Lower Upper
84 100
49 145.0 112.3 168.5
51 39.8 33.8 50.8
86 65.0 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 19.47 ug/l
RT: 5.13 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 96 Resp: 131802
Ion Ratio Lower Upper
96 100
61 154.9 126.6 189.8
98 62.9 47.4 71.2

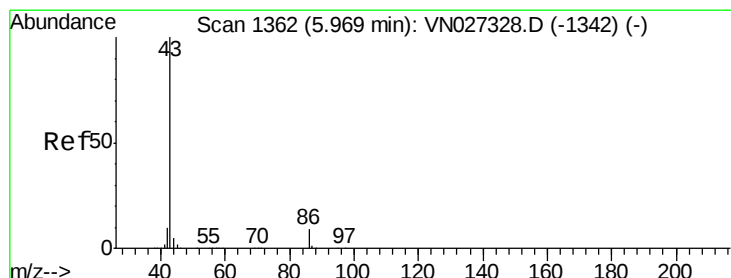
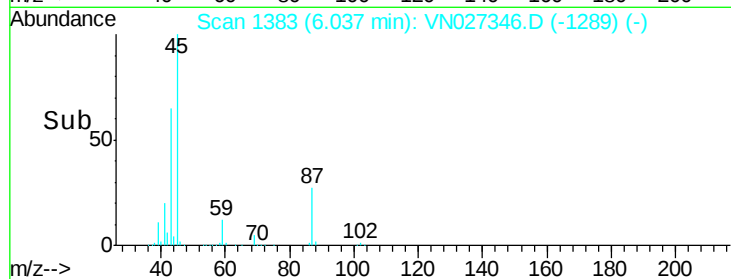
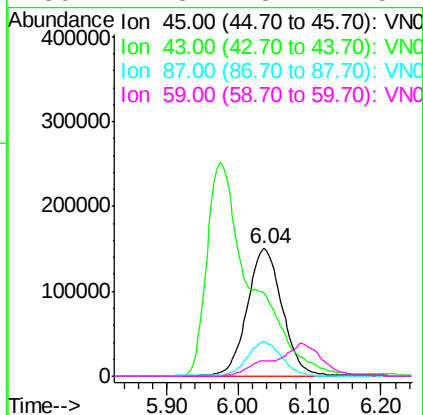
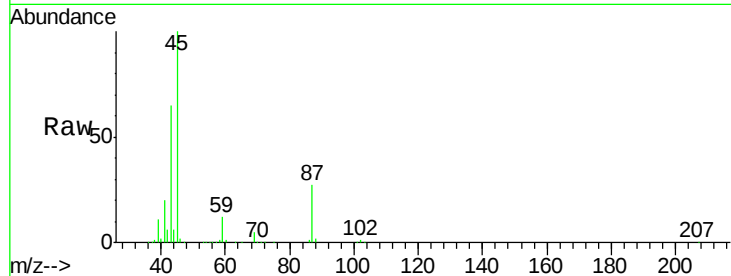




#23
 Diisopropyl ether
 Concen: 19.79 ug/l
 RT: 6.04 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

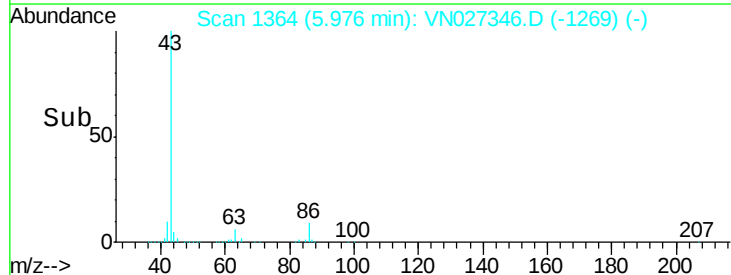
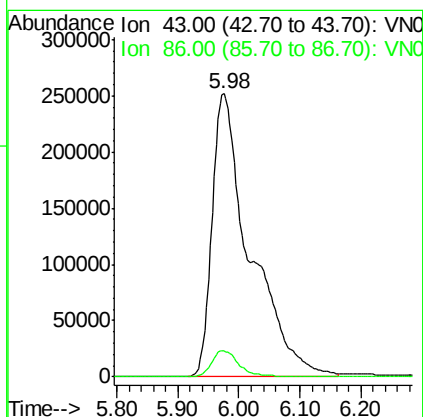
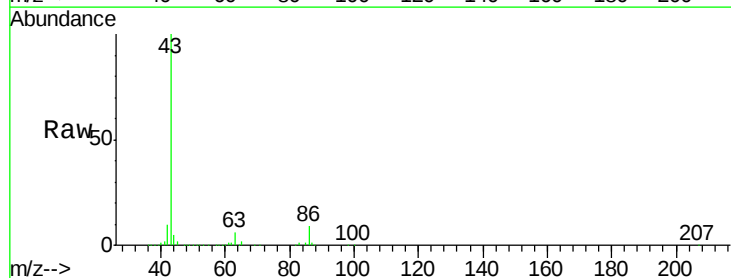
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

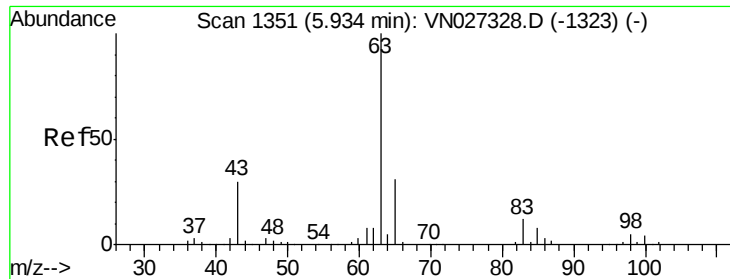
Tgt Ion: 45 Resp: 516592
 Ion Ratio Lower Upper
 45 100
 43 62.5 41.0 61.6#
 87 26.7 17.5 26.3#
 59 11.8 8.7 13.1



#24
 Vinyl Acetate
 Concen: 128.80 ug/l
 RT: 5.98 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 43 Resp: 1087834
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.9 10.3

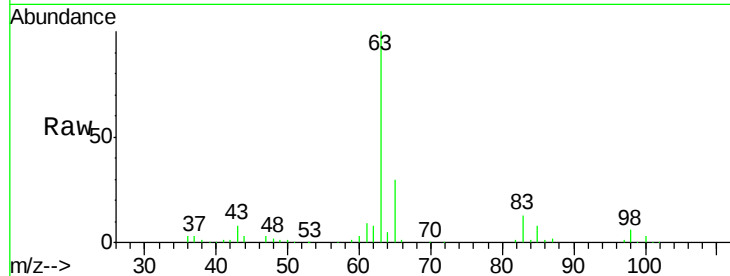




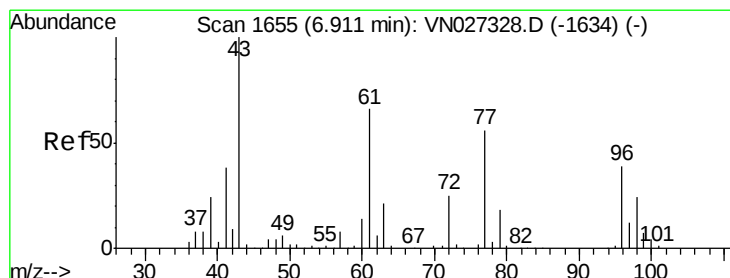
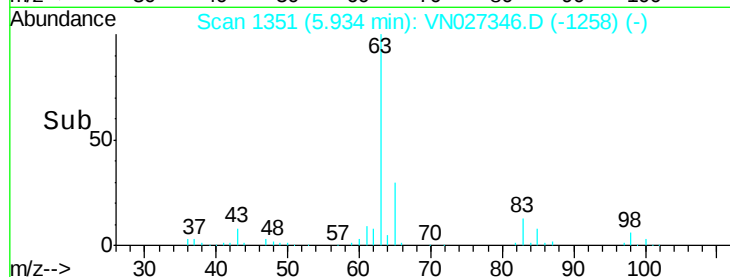
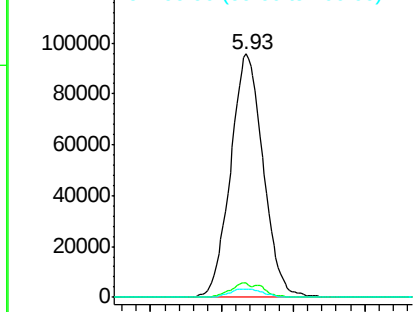
#25
 1,1-Dichloroethane
 Concen: 20.06 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tgt Ion: 63 Resp: 305166
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.8 8.3
 100 3.2 1.7 5.0

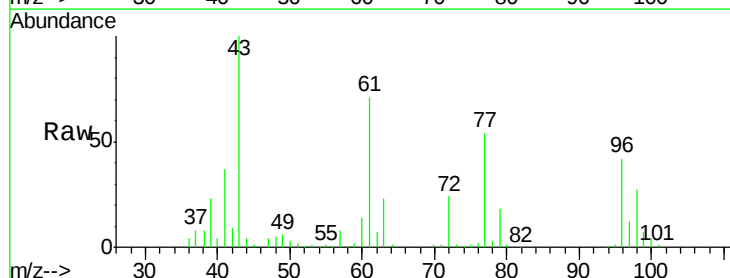


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

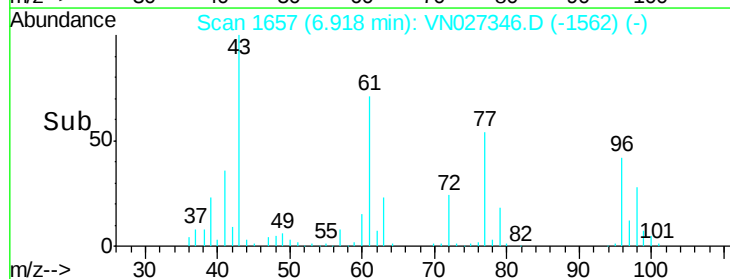
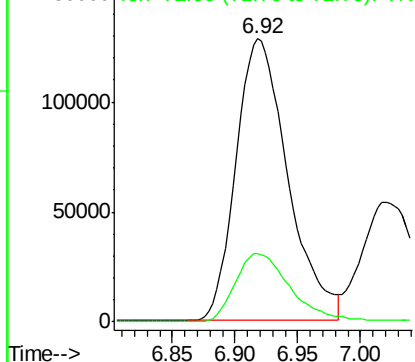


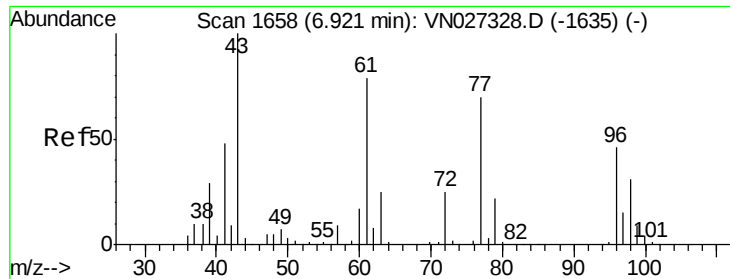
#26
 2-Butanone
 Concen: 97.82 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 43 Resp: 367781
 Ion Ratio Lower Upper
 43 100
 72 24.4 18.8 28.2



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

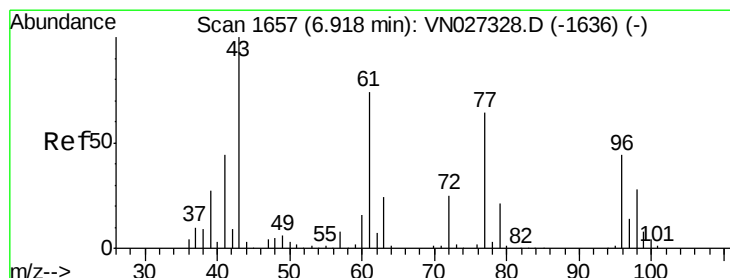
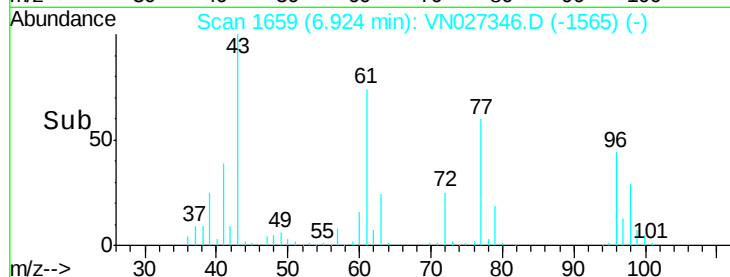
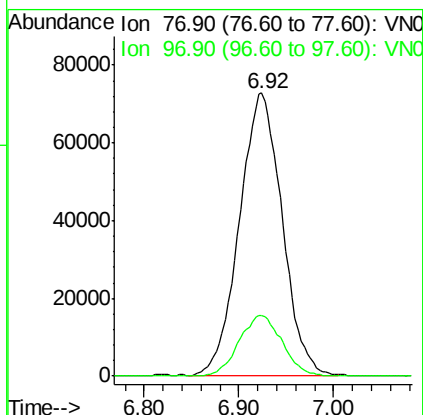
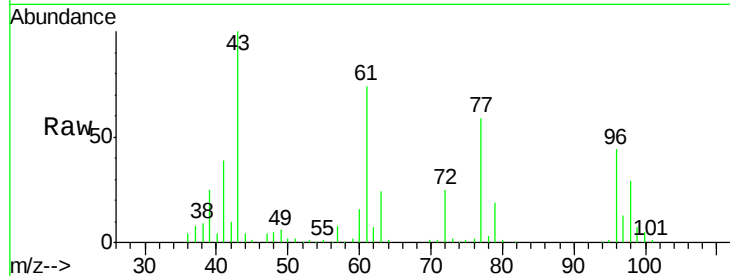




#27
 2,2-Dichloropropane
 Concen: 17.30 ug/l
 RT: 6.92 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

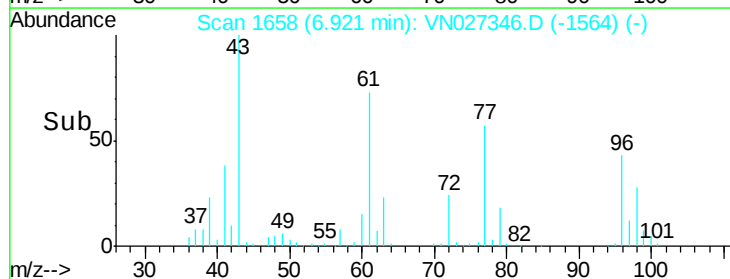
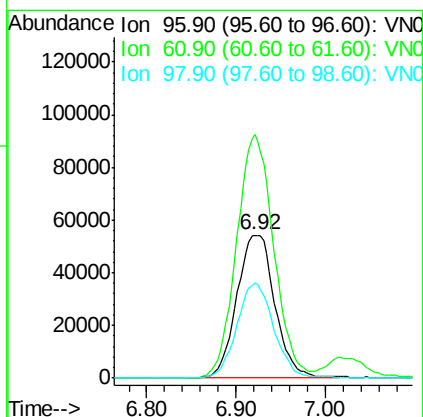
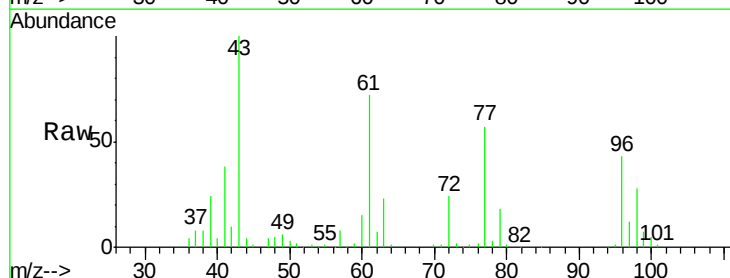
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

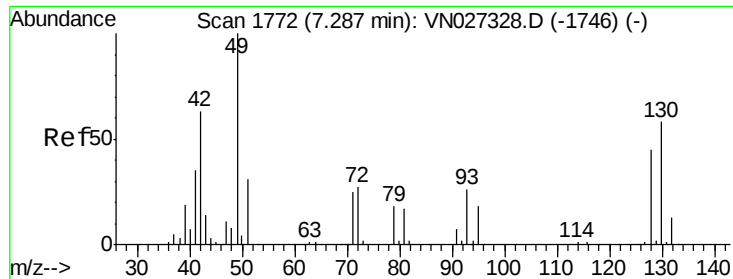
Tgt Ion: 77 Resp: 226803
 Ion Ratio Lower Upper
 77 100
 97 21.6 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 20.14 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 96 Resp: 161085
 Ion Ratio Lower Upper
 96 100
 61 165.1 0.0 329.2
 98 64.4 0.0 126.0

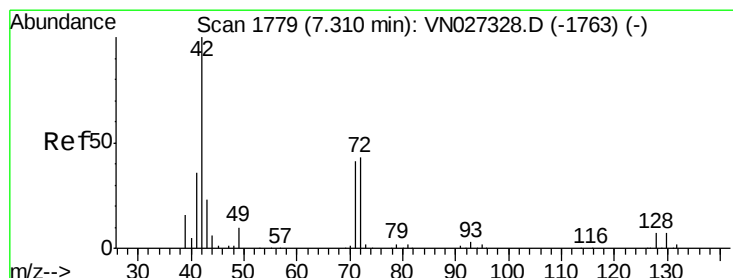
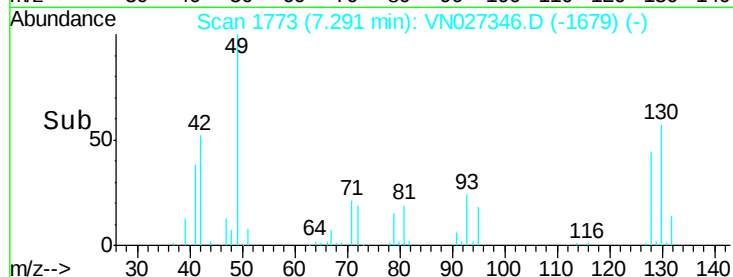
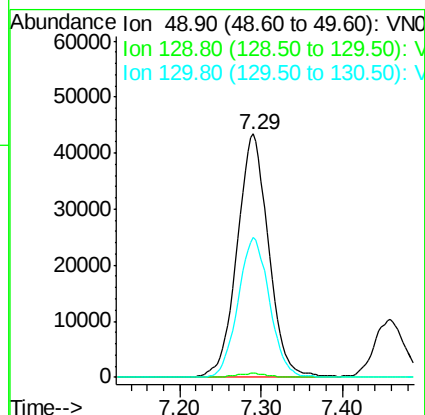
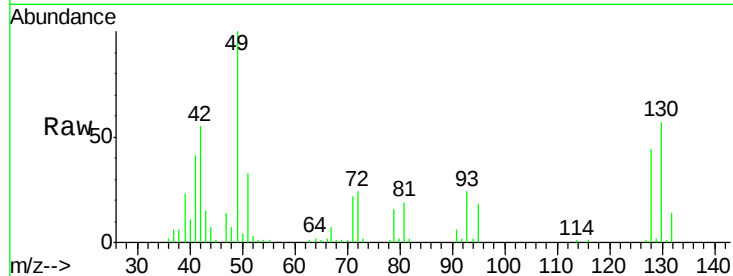




#29
Bromochloromethane
Concen: 19.48 ug/l
RT: 7.29 min Scan# 1773
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

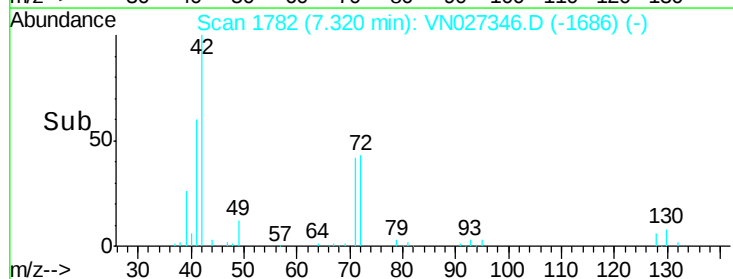
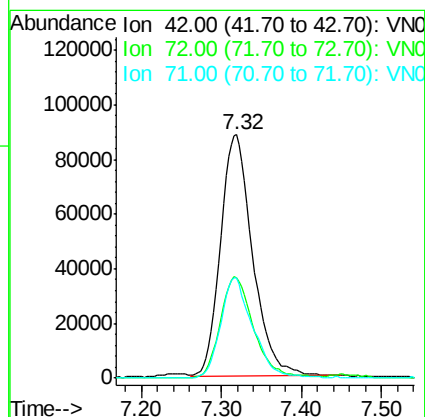
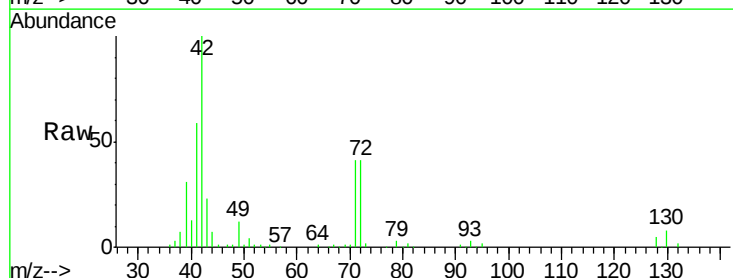
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

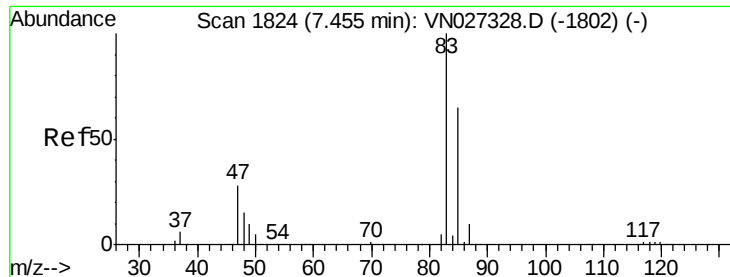
Tgt Ion: 49 Resp: 116294
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.2
130 57.1 43.2 64.8



#30
Tetrahydrofuran
Concen: 103.01 ug/l
RT: 7.32 min Scan# 1782
Delta R.T. 0.01 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 42 Resp: 245478
Ion Ratio Lower Upper
42 100
72 43.6 29.9 44.9
71 40.8 28.3 42.5

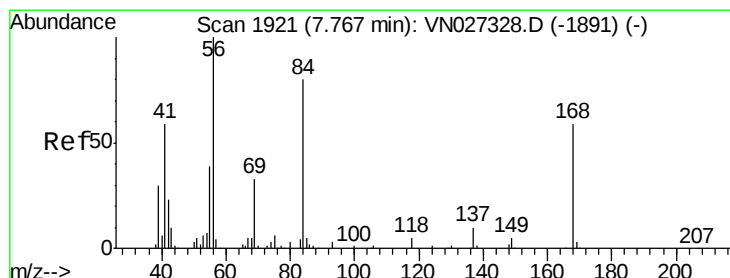
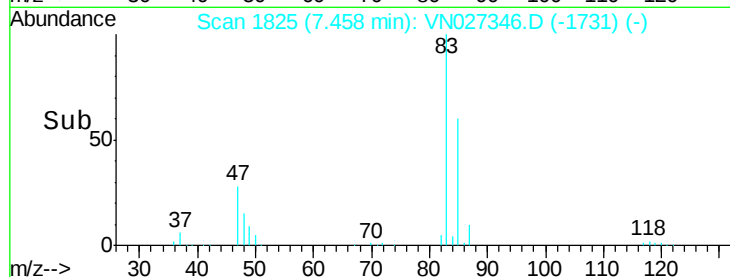
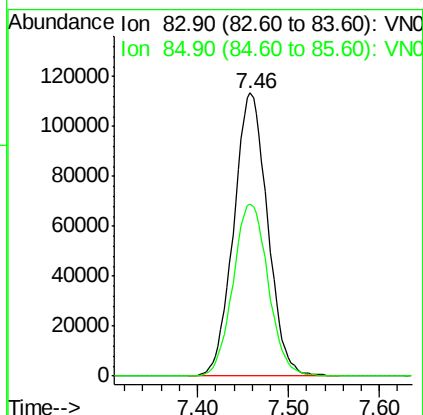
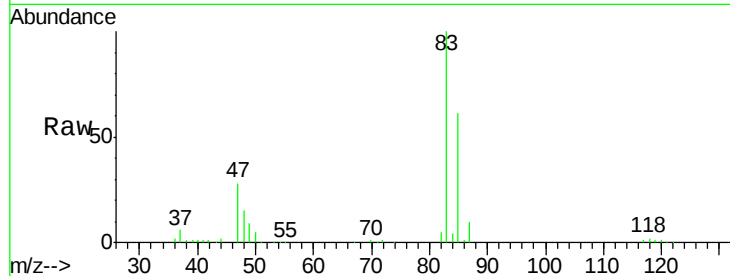




#31
Chloroform
Concen: 20.54 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

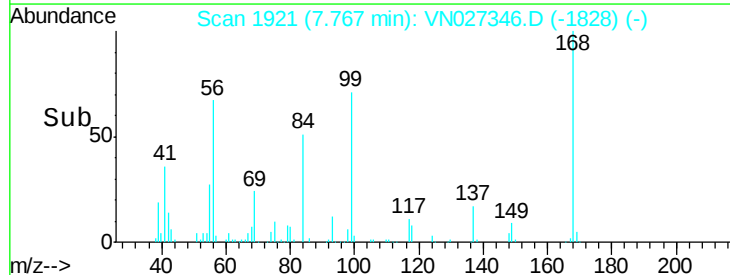
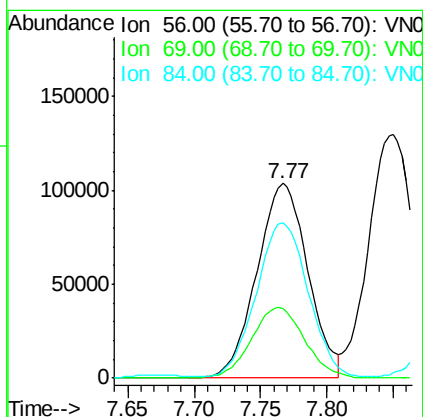
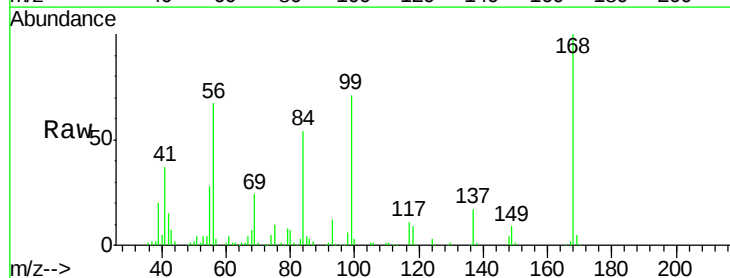
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

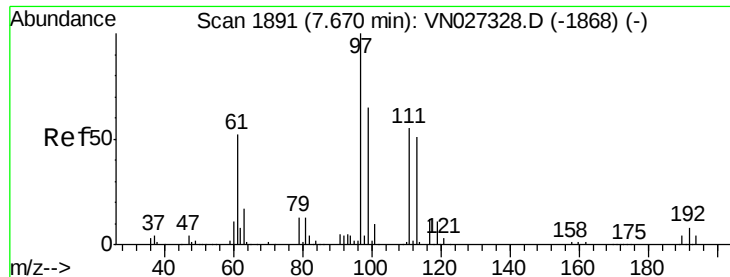
Tgt Ion: 83 Resp: 293568
Ion Ratio Lower Upper
83 100
85 60.9 51.1 76.7



#32
Cyclohexane
Concen: 19.63 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 56 Resp: 278525
Ion Ratio Lower Upper
56 100
69 35.5 23.0 34.4#
84 79.2 57.8 86.8

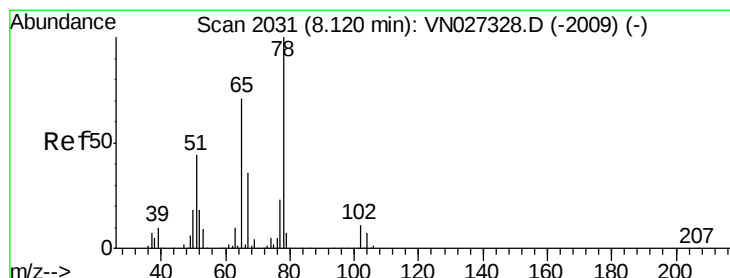
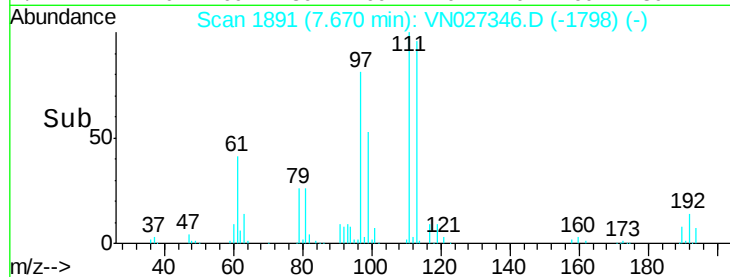
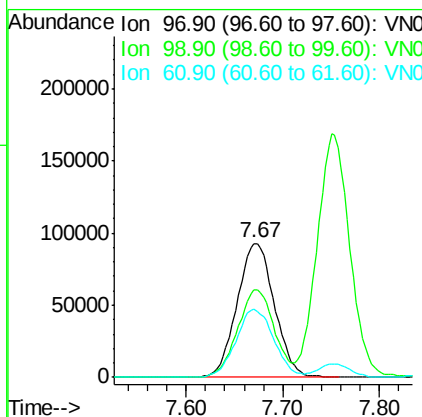
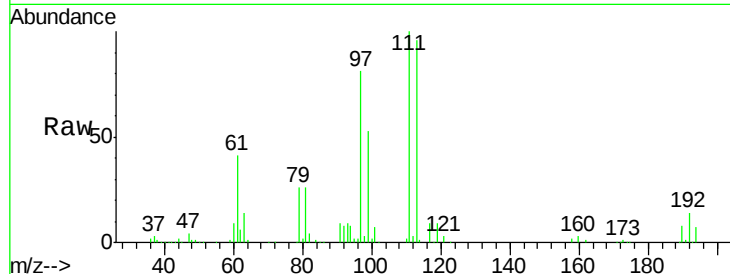




#33
 1,1,1-Trichloroethane
 Concen: 19.69 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

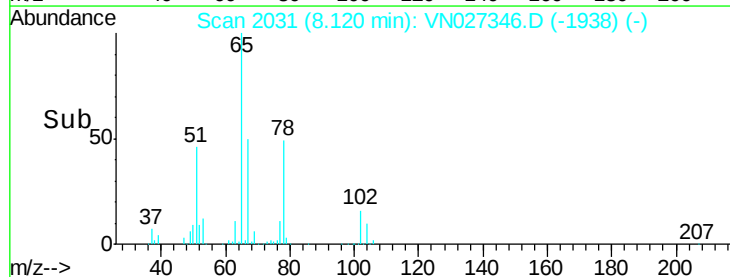
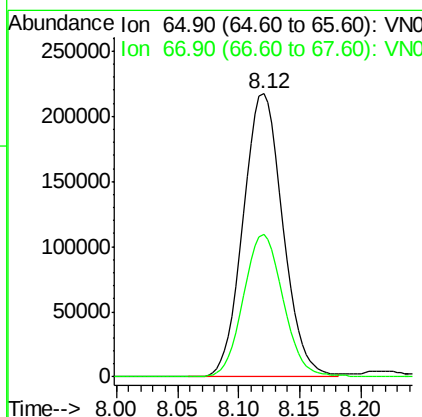
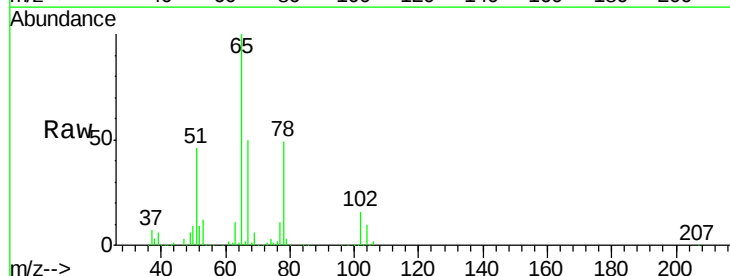
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS02

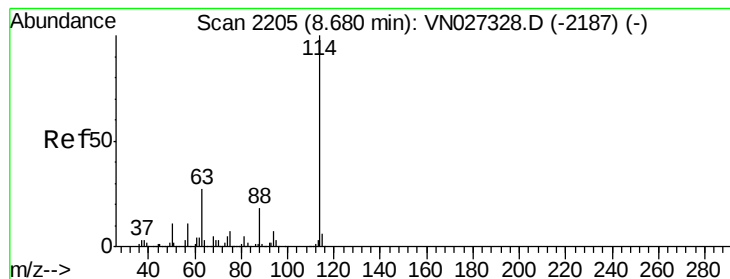
Tgt Ion: 97 Resp: 249399
 Ion Ratio Lower Upper
 97 100
 99 64.6 50.1 75.1
 61 51.6 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 46.43 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 65 Resp: 489915
 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: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

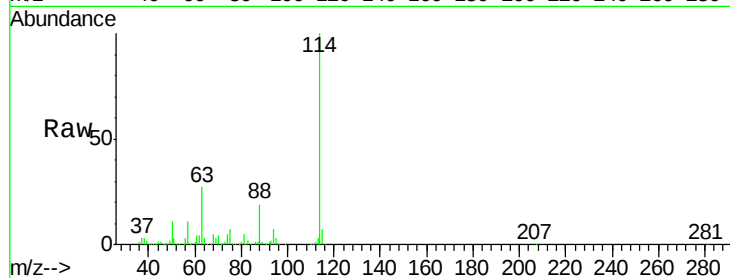
Tgt Ion:114 Resp: 1034487

Ion Ratio Lower Upper

114 100

63 26.6 0.0 48.8

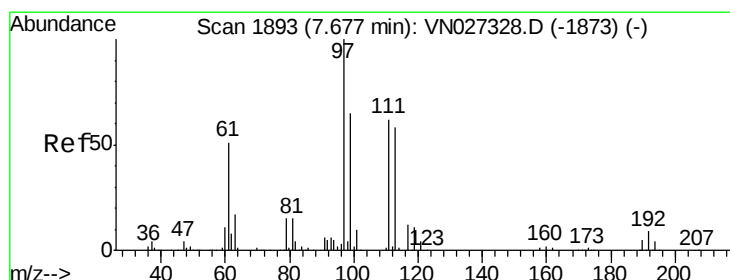
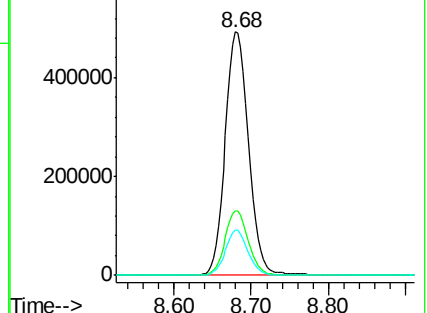
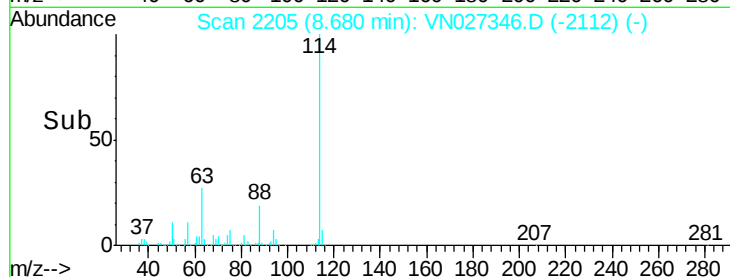
88 18.6 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#36

Dibromofluoromethane

Concen: 45.23 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

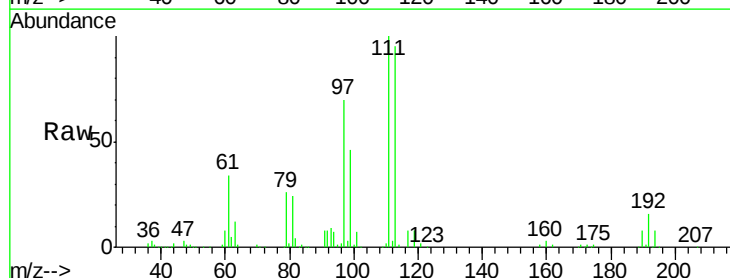
Tgt Ion:113 Resp: 305297

Ion Ratio Lower Upper

113 100

111 106.3 83.0 124.4

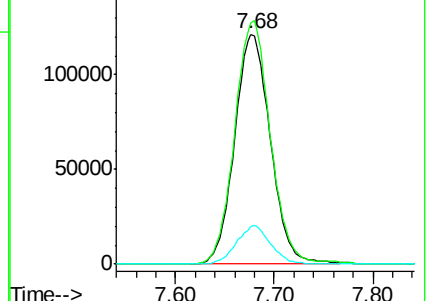
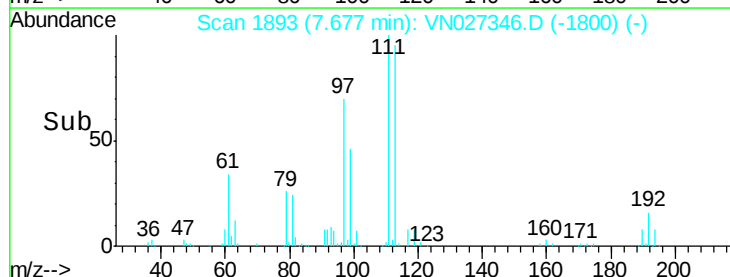
192 15.8 14.1 21.1

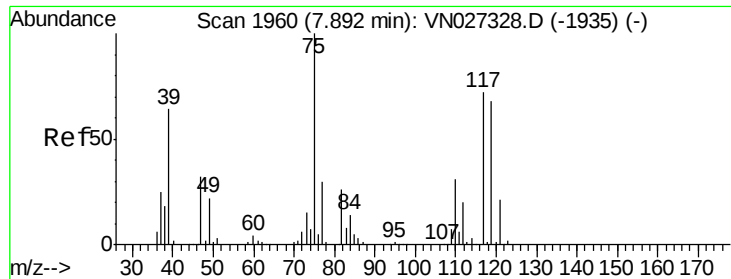


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

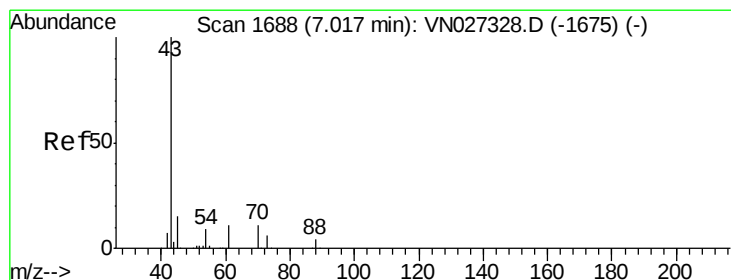
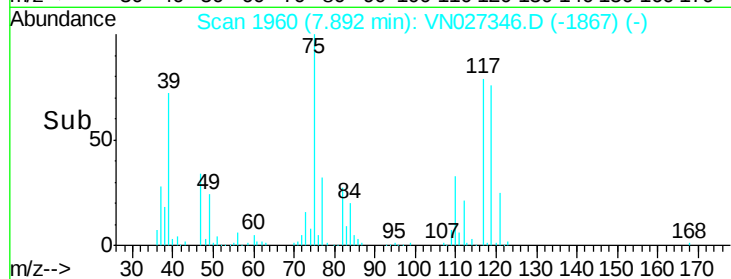
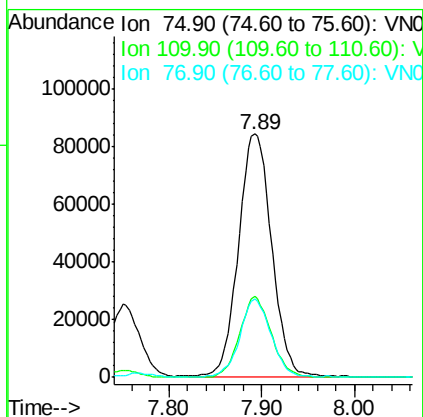
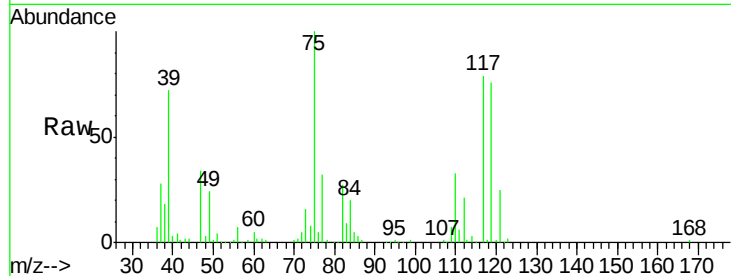




#37
 1,1-Dichloropropene
 Concen: 18.71 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

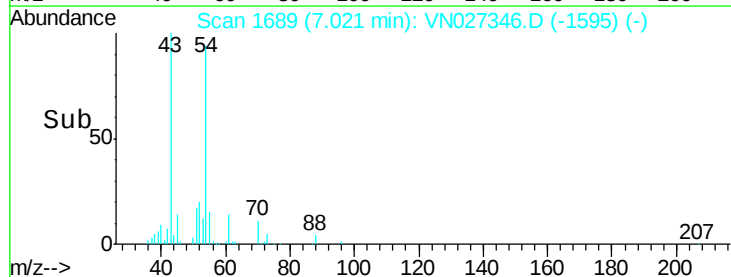
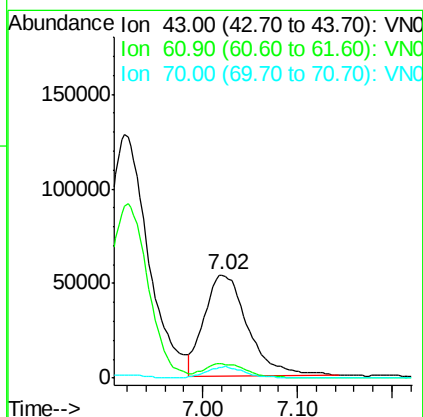
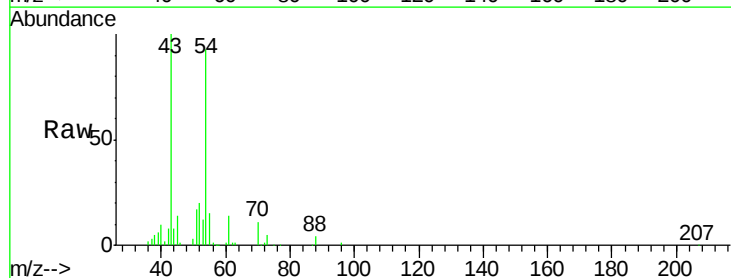
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS02

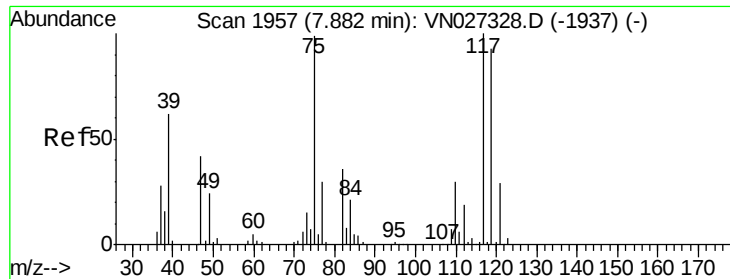
Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	15.9	47.7
77	30.9	24.9	37.3



#38
 Ethyl Acetate
 Concen: 19.80 ug/l
 RT: 7.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.4
70	10.3	7.4	11.0





#39

Carbon Tetrachloride

Concen: 18.82 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS02

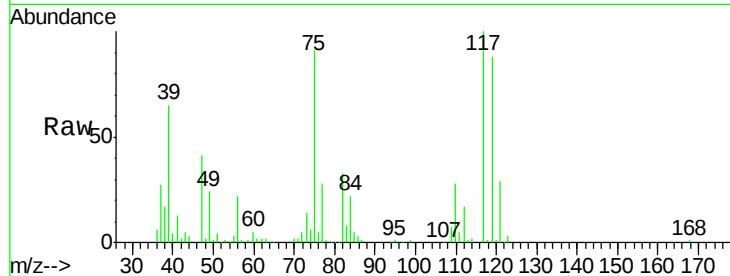
Tgt Ion:117 Resp: 197421

Ion Ratio Lower Upper

117 100

119 87.4 75.3 112.9

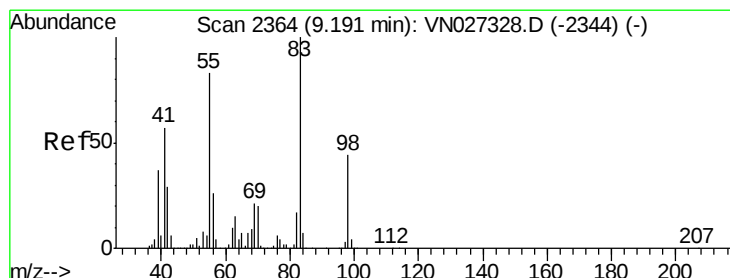
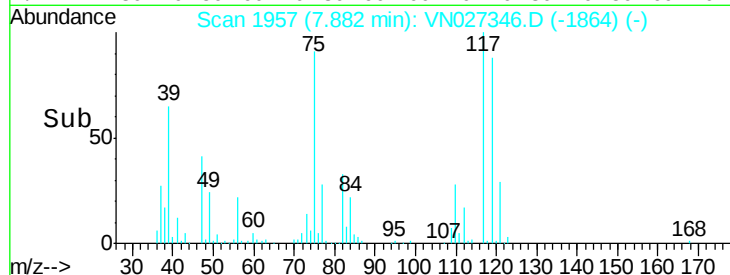
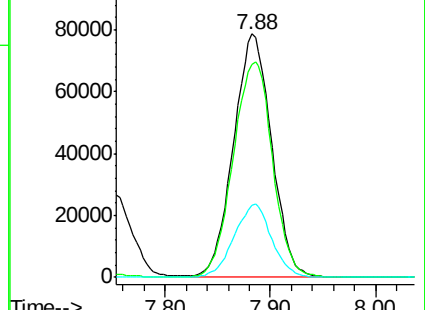
121 29.4 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Methylcyclohexane

Concen: 18.26 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

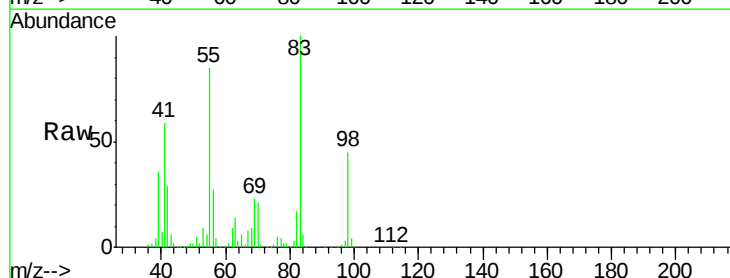
Tgt Ion: 83 Resp: 241790

Ion Ratio Lower Upper

83 100

55 84.6 69.8 104.8

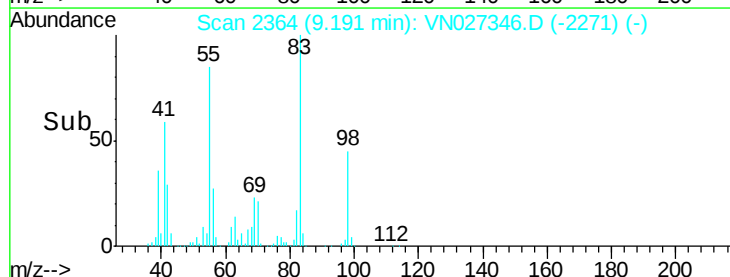
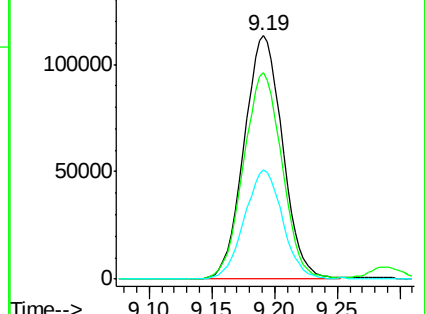
98 44.6 34.3 51.5

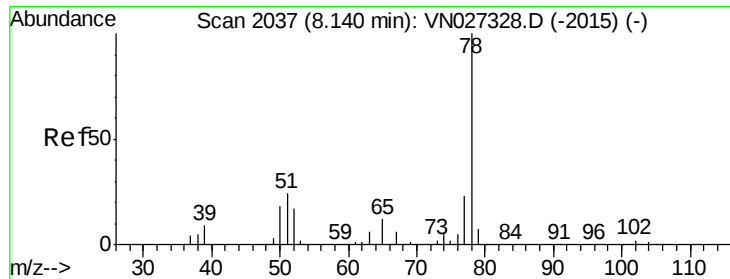


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#41

Benzene

Concen: 19.33 ug/l

RT: 8.14 min Scan# 2038

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

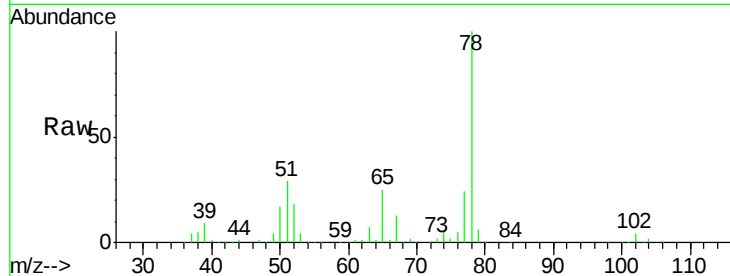
VN0921WBS02

Tgt Ion: 78 Resp: 625513

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.14

250000

200000

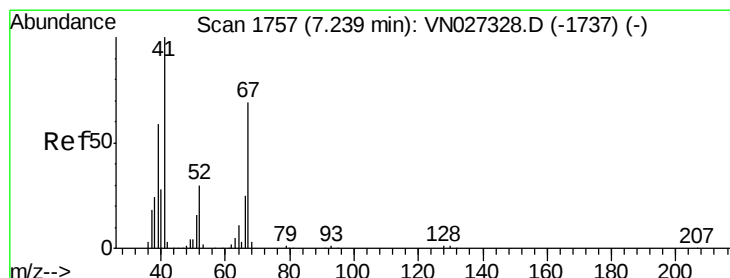
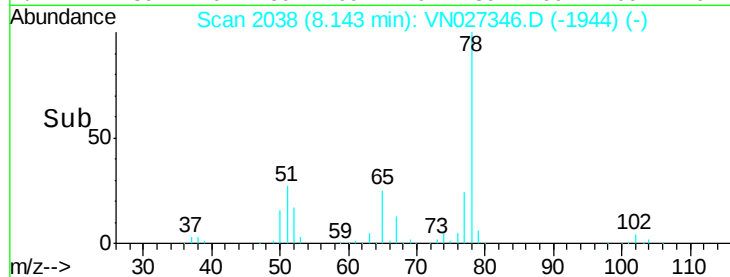
150000

100000

50000

0

Time--> 8.00 8.10 8.20 8.30



#42

Methacrylonitrile

Concen: 18.81 ug/l

RT: 7.25 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Tgt Ion: 41 Resp: 95613

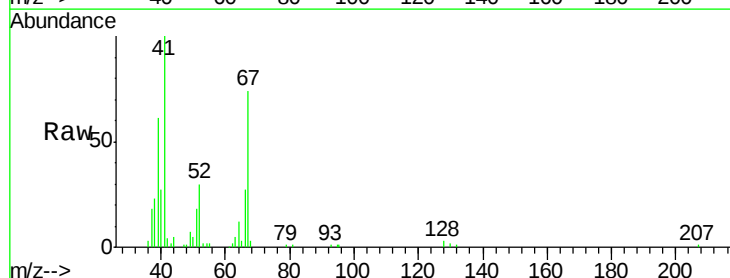
Ion Ratio Lower Upper

41 100

39 61.4 43.0 64.6

67 77.9 52.2 78.2

52 36.1 21.3 31.9#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

80000

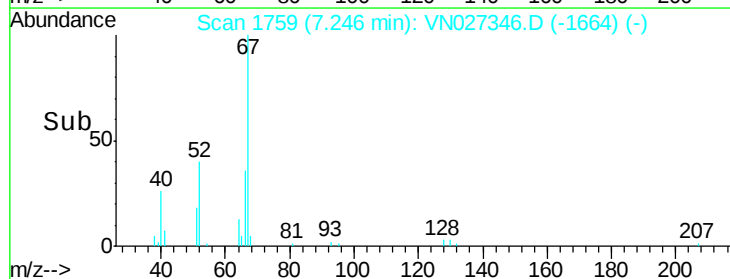
60000

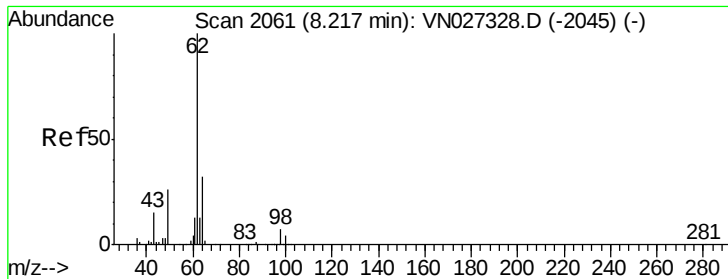
40000

20000

0

Time--> 7.15 7.20 7.25 7.30

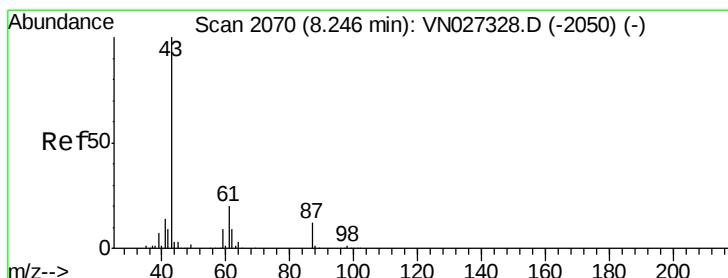
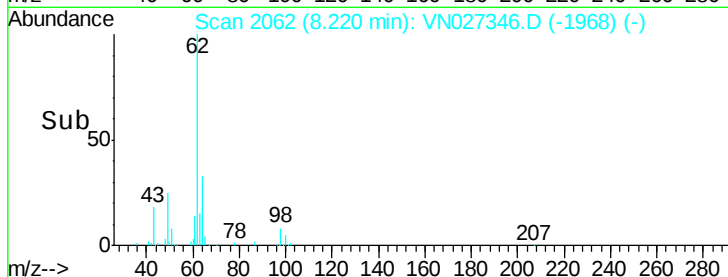
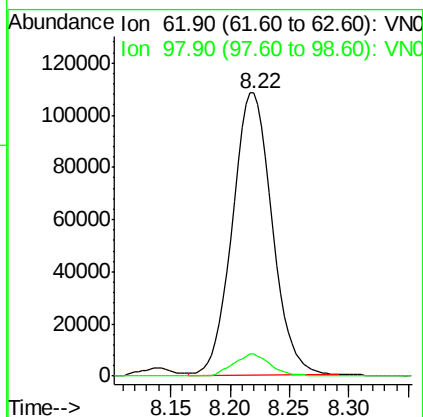
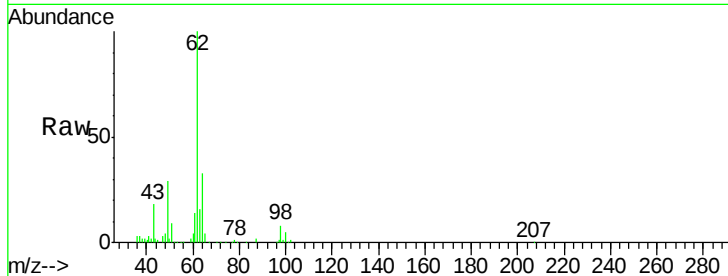




#43
 1,2-Dichloroethane
 Concen: 18.95 ug/l
 RT: 8.22 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

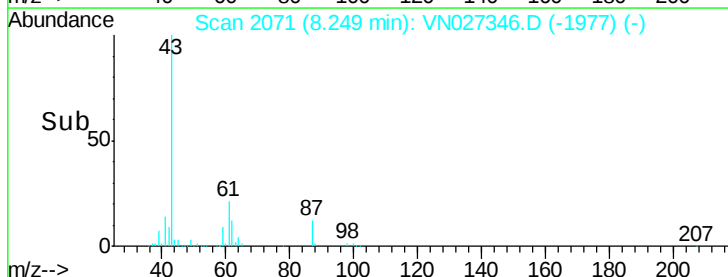
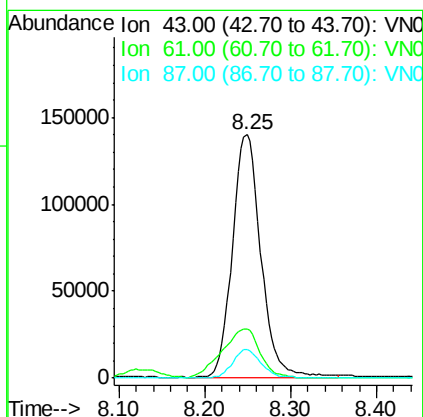
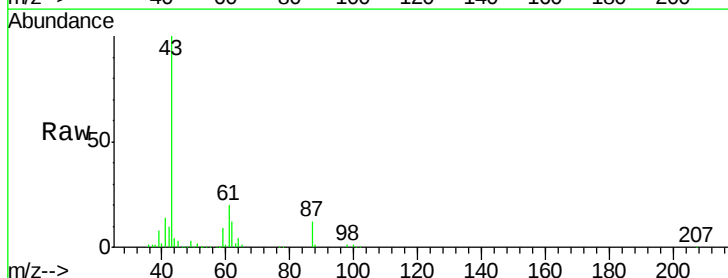
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

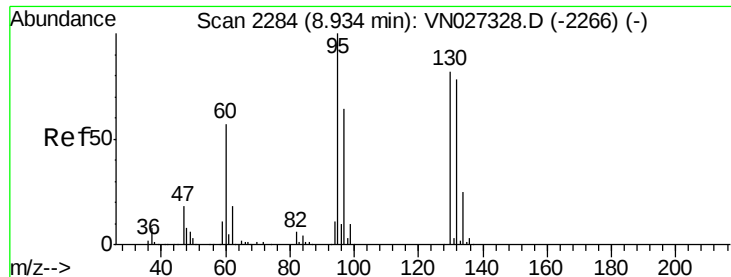
Tgt Ion: 62 Resp: 249944
 Ion Ratio Lower Upper
 62 100
 98 7.4 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 19.49 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 43 Resp: 320631
 Ion Ratio Lower Upper
 43 100
 61 26.5 20.6 31.0
 87 11.9 8.6 13.0





#45

Trichloroethene

Concen: 19.22 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

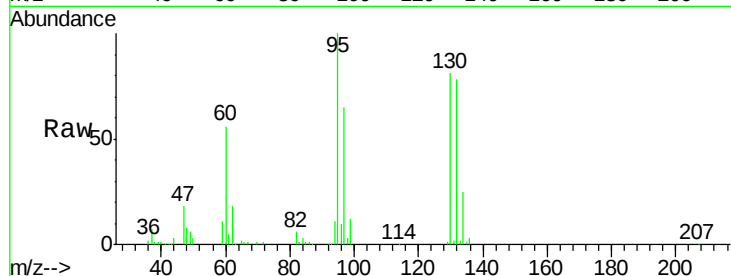
VN0921WBS02

Tgt Ion:130 Resp: 124607

Ion Ratio Lower Upper

130 100

95 122.8 0.0 222.2

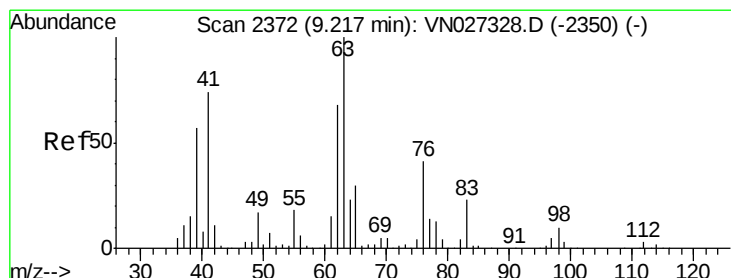
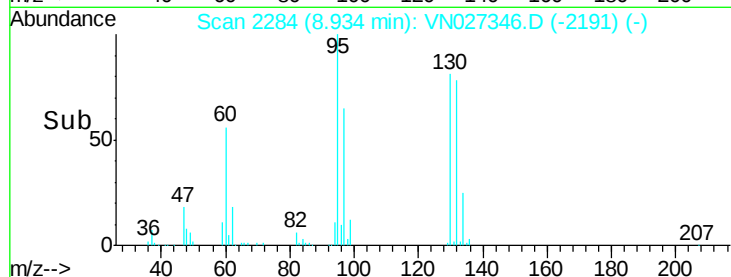


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.93

Time-->



#46

1,2-Dichloropropane

Concen: 19.43 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN027346.D

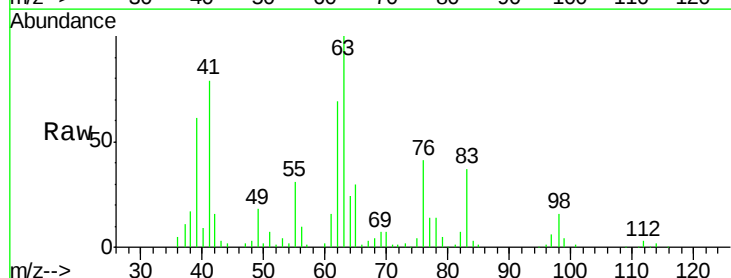
Acq: 21 Sep 2015 23:17

Tgt Ion: 63 Resp: 175999

Ion Ratio Lower Upper

63 100

65 30.3 24.4 36.6

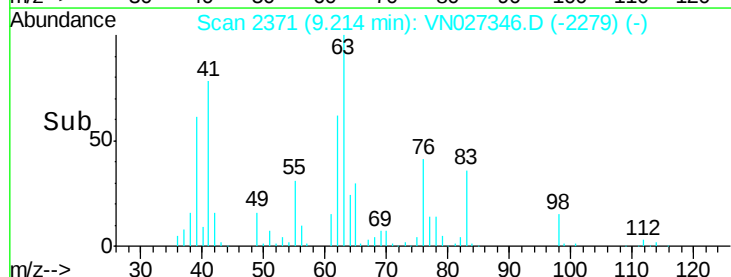


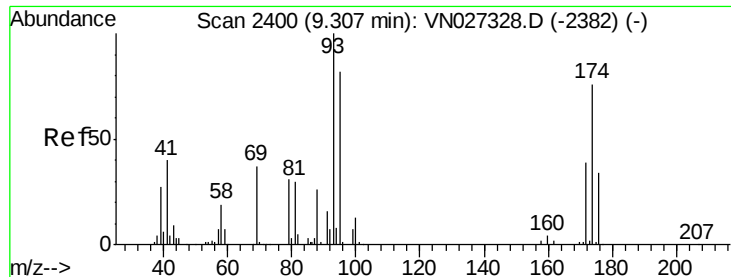
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.21

Time-->

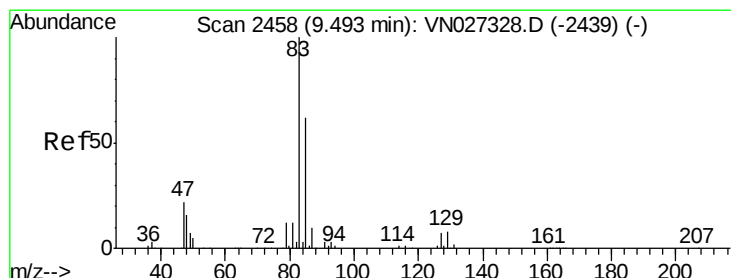
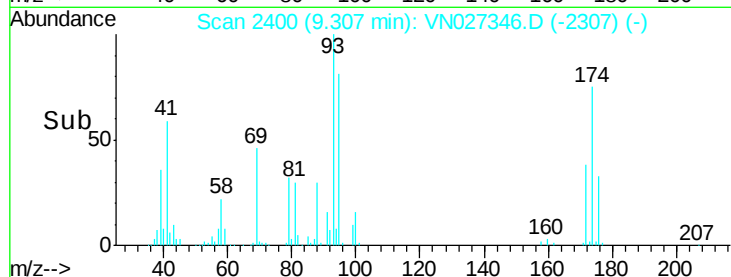
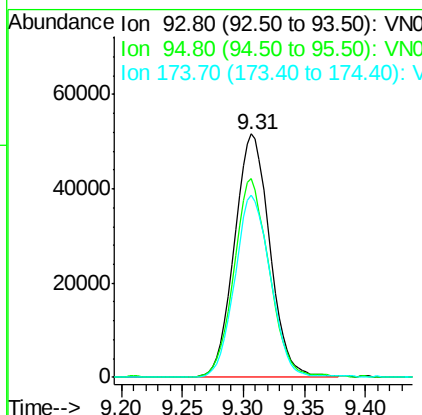
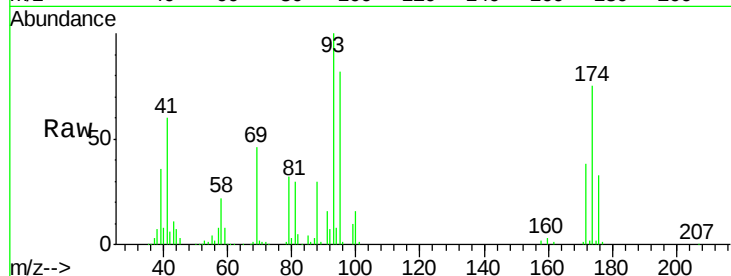




#47
Dibromomethane
Concen: 19.09 ug/l
RT: 9.31 min Scan# 2400
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

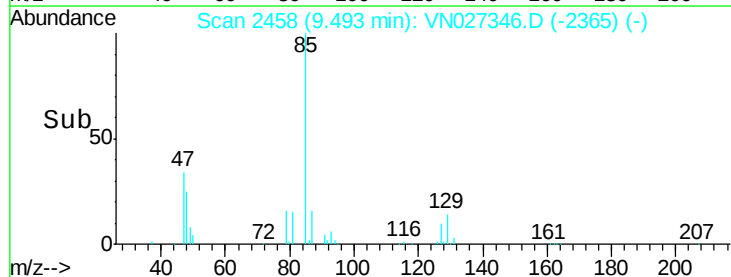
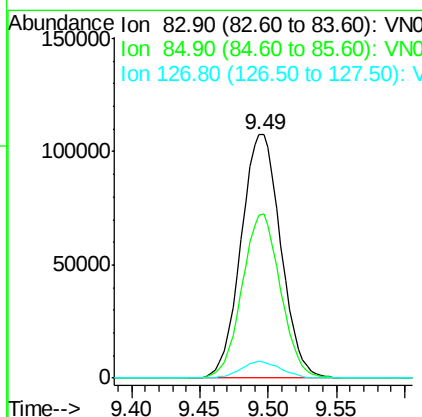
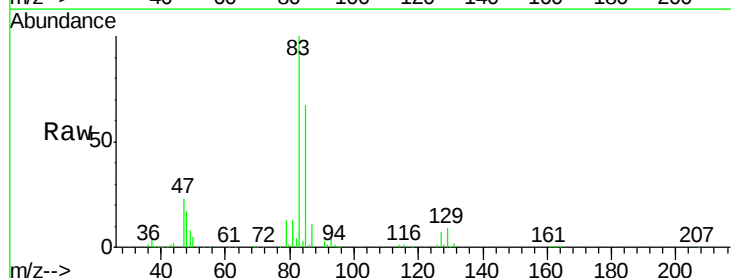
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

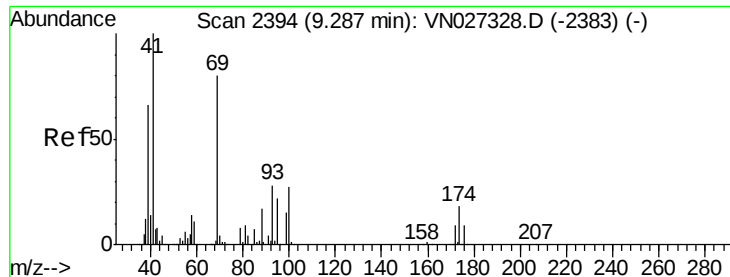
Tgt Ion: 93 Resp: 103773
Ion Ratio Lower Upper
93 100
95 81.6 66.3 99.5
174 75.2 67.8 101.6



#48
Bromodichloromethane
Concen: 18.85 ug/l
RT: 9.49 min Scan# 2458
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 83 Resp: 217304
Ion Ratio Lower Upper
83 100
85 67.1 50.7 76.1
127 6.9 5.5 8.3

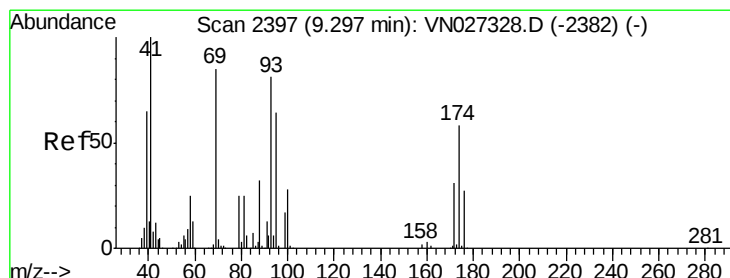
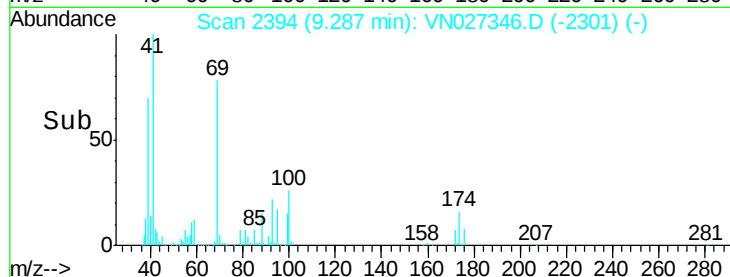
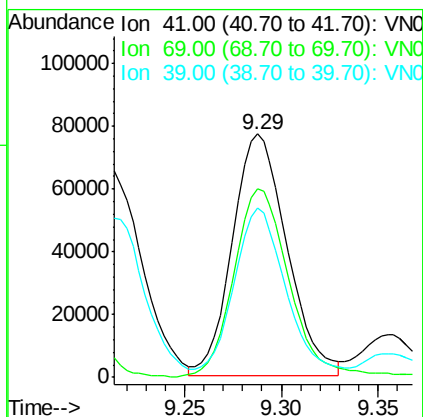
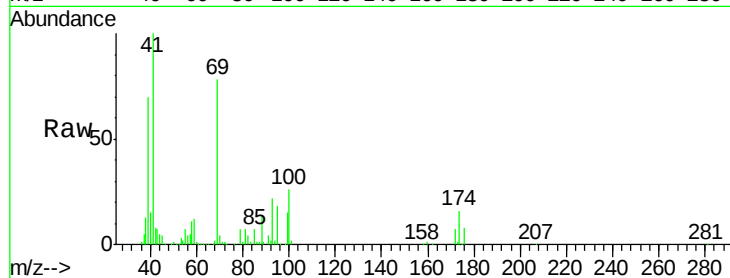




#49
Methyl methacrylate
Concen: 19.58 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

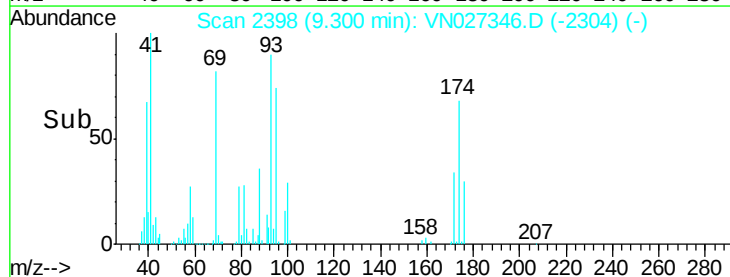
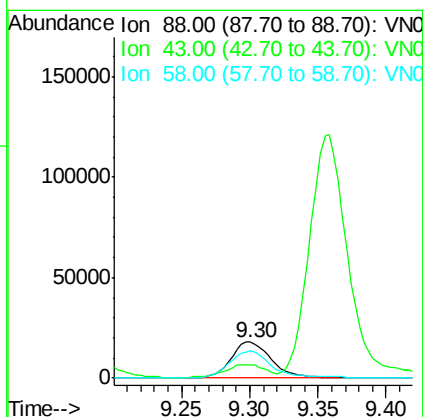
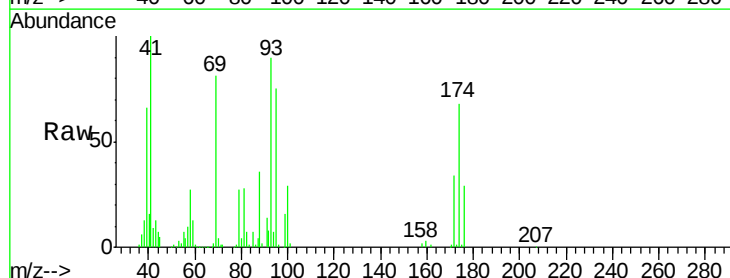
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS02

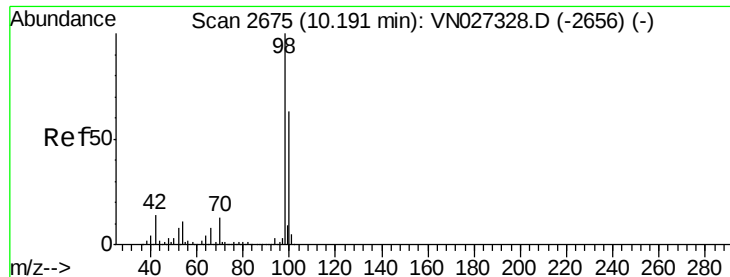
Tgt Ion: 41 Resp: 151587
Ion Ratio Lower Upper
41 100
69 79.0 59.3 88.9
39 66.4 39.5 59.3#



#50
1,4-Dioxane
Concen: 396.14 ug/l
RT: 9.30 min Scan# 2398
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 88 Resp: 37027
Ion Ratio Lower Upper
88 100
43 35.1 27.6 41.4
58 76.2 63.1 94.7





#51

Toluene-d8

Concen: 44.78 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

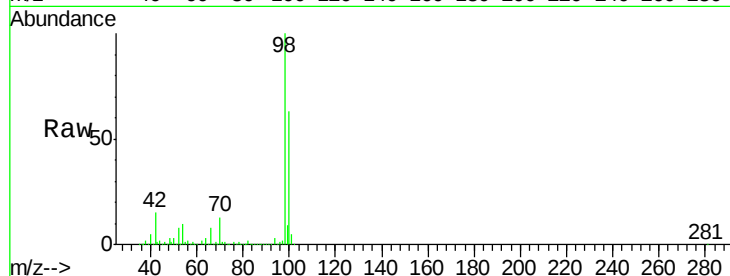
VN0921WBS02

Tgt Ion: 98 Resp: 1168521

Ion Ratio Lower Upper

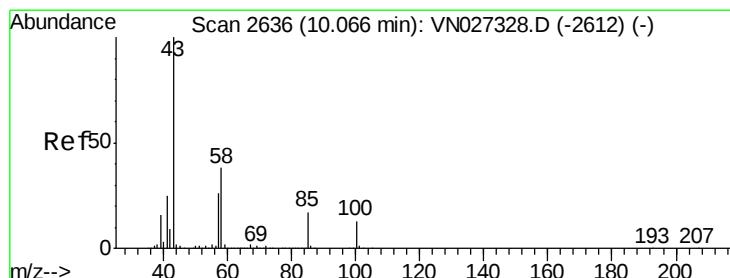
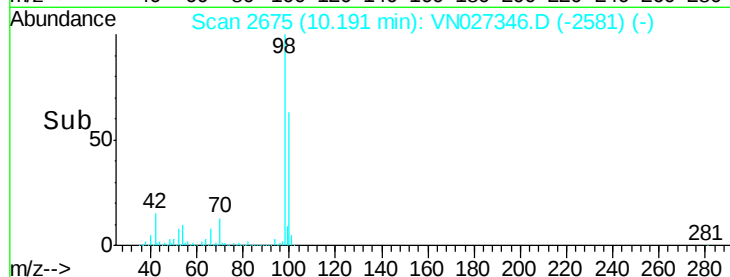
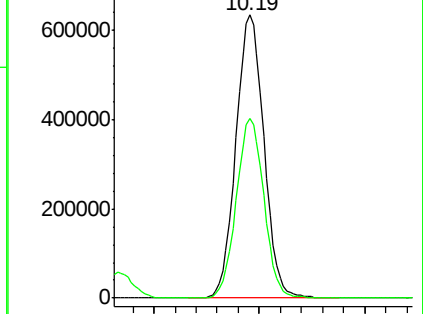
98 100

100 62.6 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 99.68 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027346.D

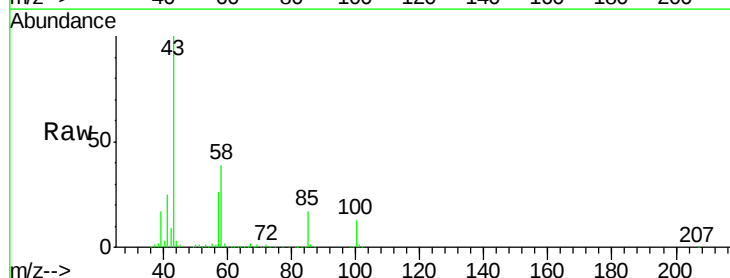
Acq: 21 Sep 2015 23:17

Tgt Ion: 43 Resp: 843597

Ion Ratio Lower Upper

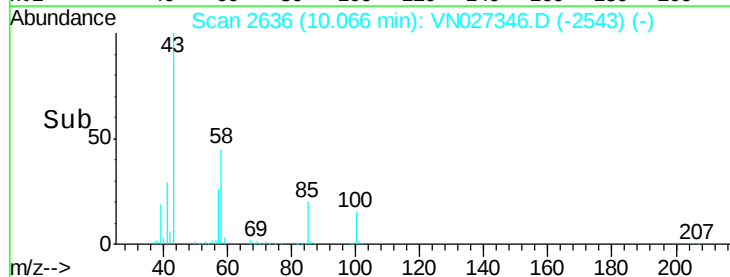
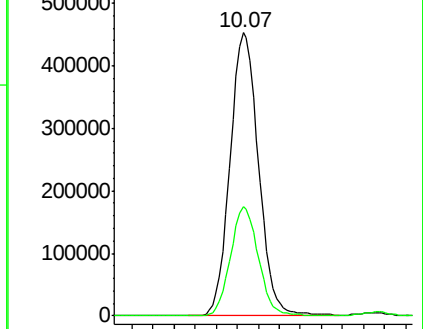
43 100

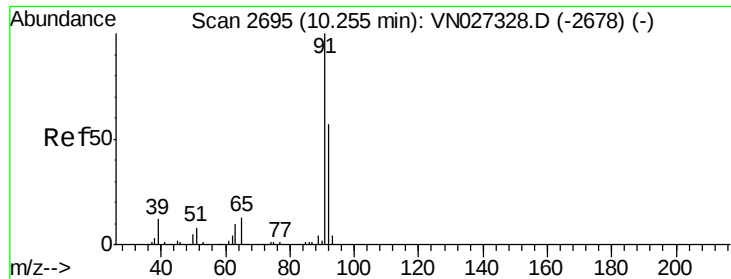
58 37.8 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 19.06 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

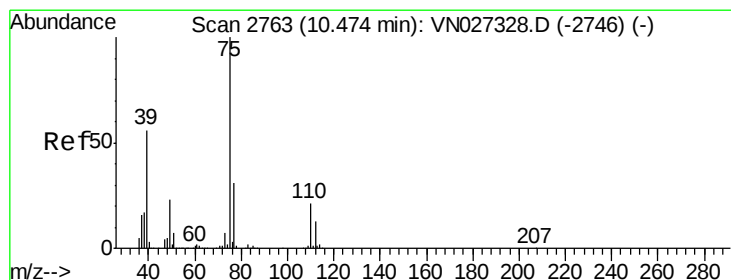
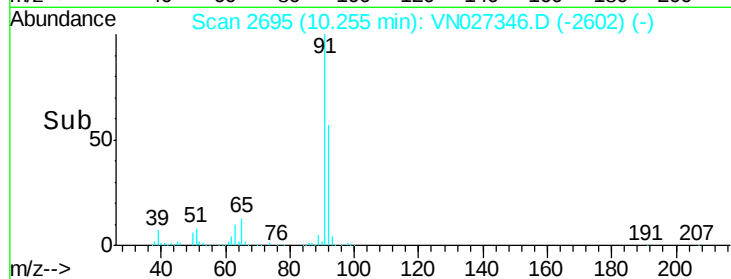
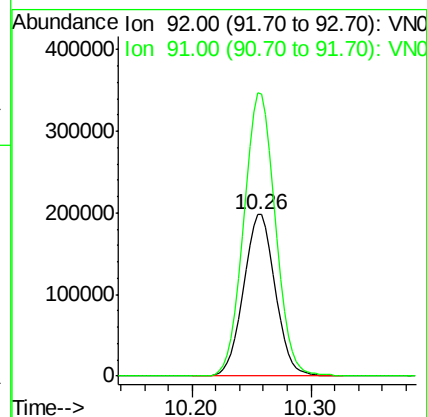
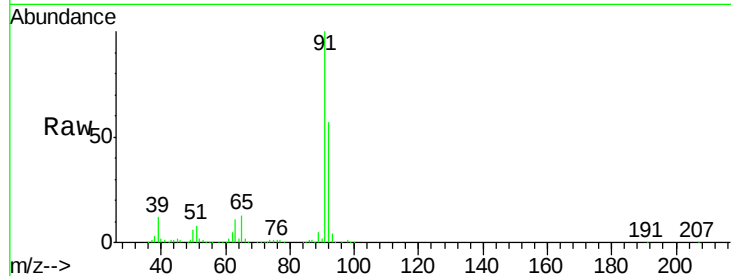
VN0921WBS02

Tgt Ion: 92 Resp: 364899

Ion Ratio Lower Upper

92 100

91 175.5 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 17.98 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027346.D

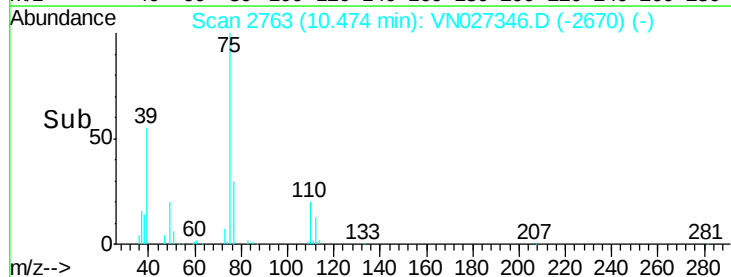
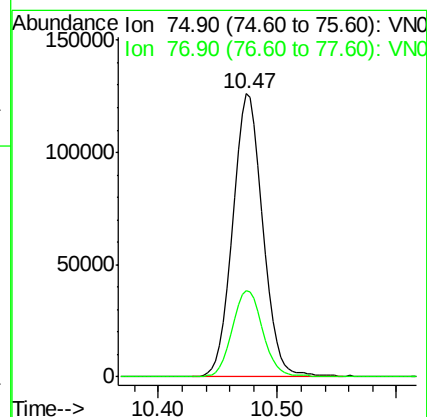
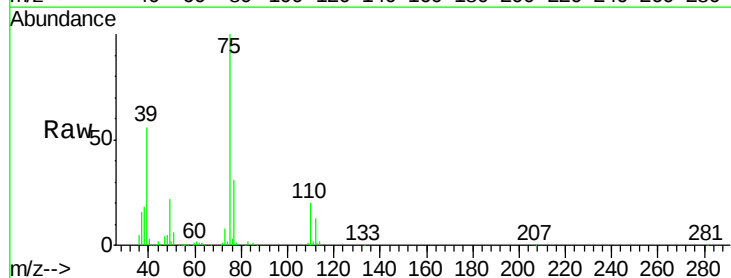
Acq: 21 Sep 2015 23:17

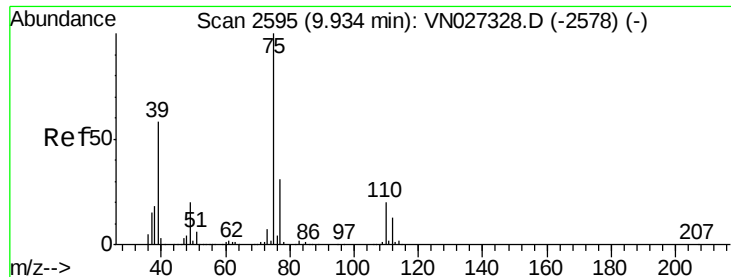
Tgt Ion: 75 Resp: 221312

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 18.42 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

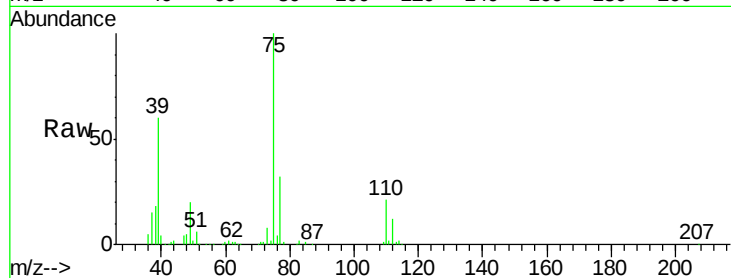
Tgt Ion: 75 Resp: 248964

Ion Ratio Lower Upper

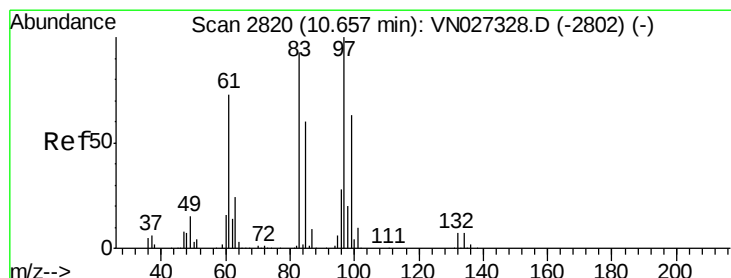
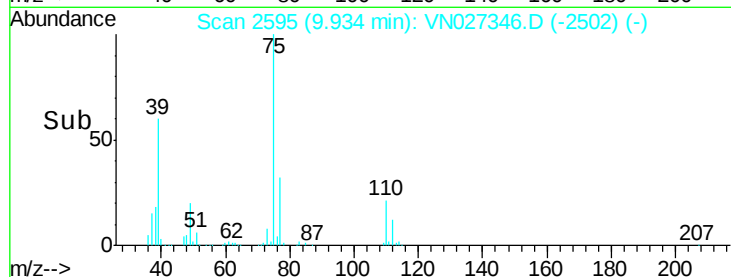
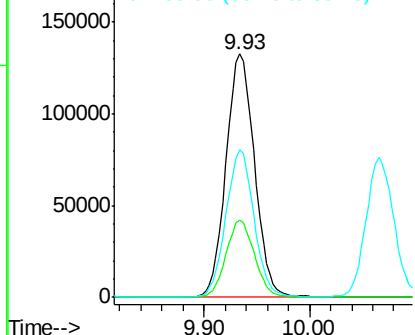
75 100

77 31.7 25.6 38.4

39 60.3 41.6 62.4



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



#56

1,1,2-Trichloroethane

Concen: 19.61 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Tgt Ion: 97 Resp: 140016

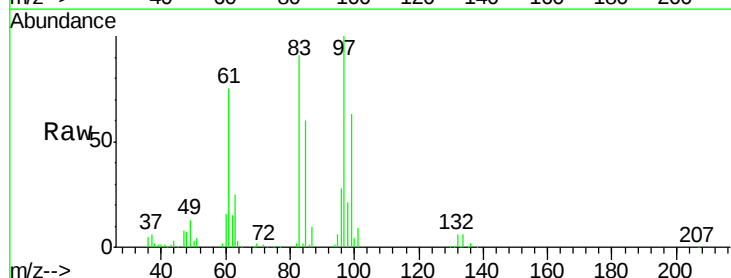
Ion Ratio Lower Upper

97 100

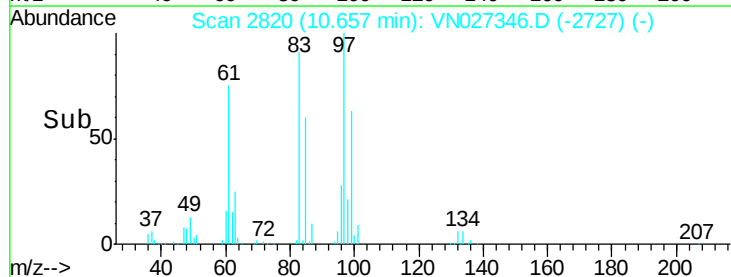
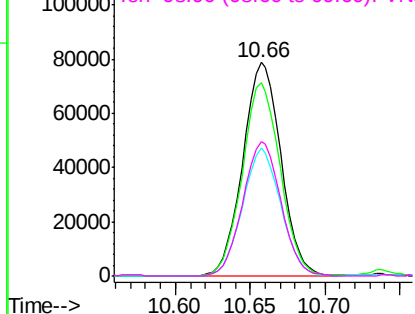
83 90.7 75.0 112.4

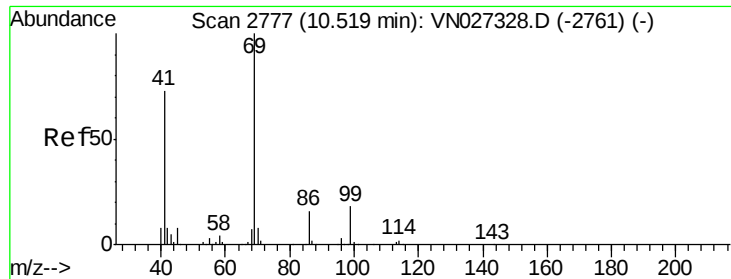
85 60.0 48.0 72.0

99 62.9 50.3 75.5



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





#57

Ethyl methacrylate

Concen: 19.18 ug/l

RT: 10.52 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

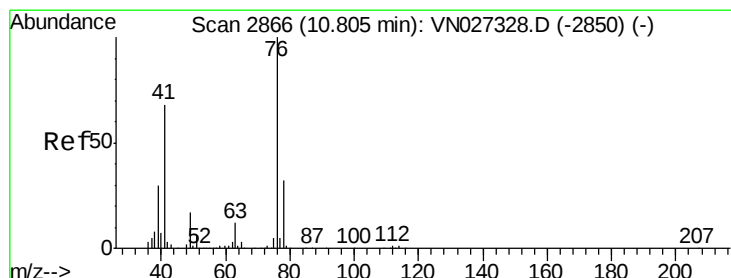
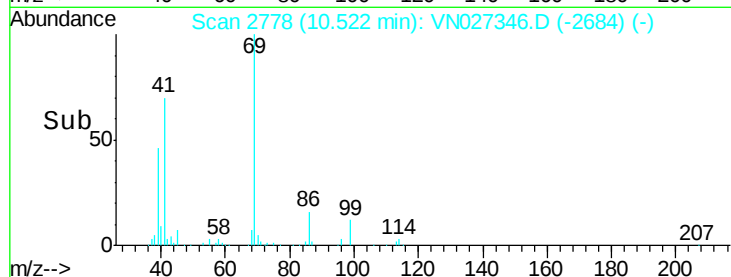
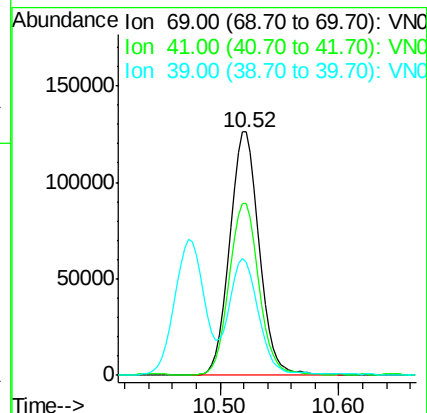
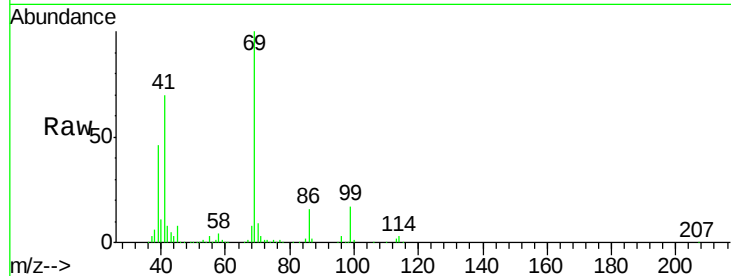
Tgt Ion: 69 Resp: 217319

Ion Ratio Lower Upper

69 100

41 70.7 61.3 91.9

39 46.1 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 19.58 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027346.D

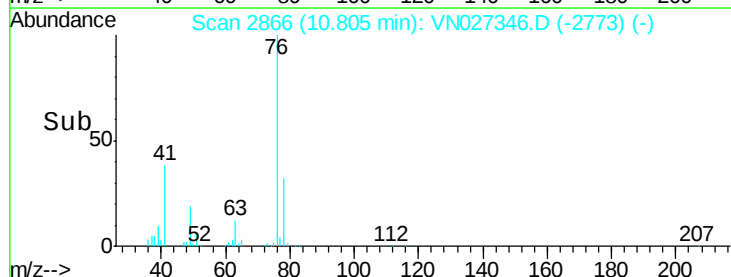
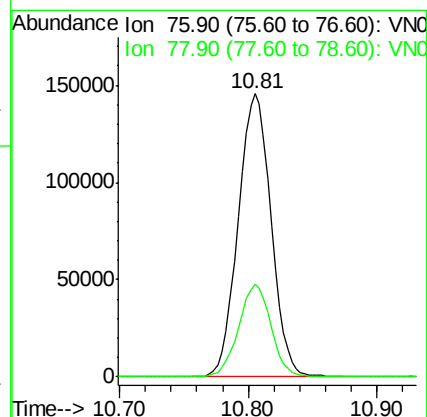
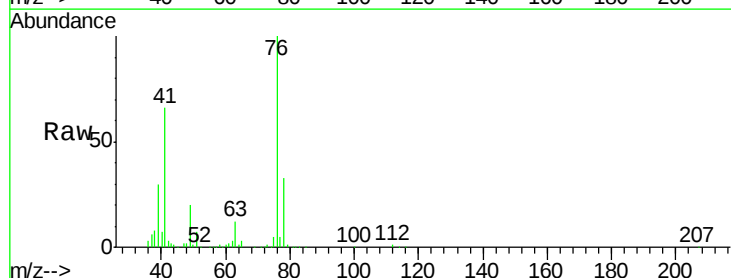
Acq: 21 Sep 2015 23:17

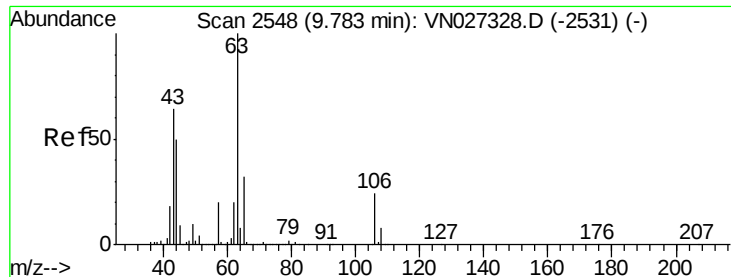
Tgt Ion: 76 Resp: 257637

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6

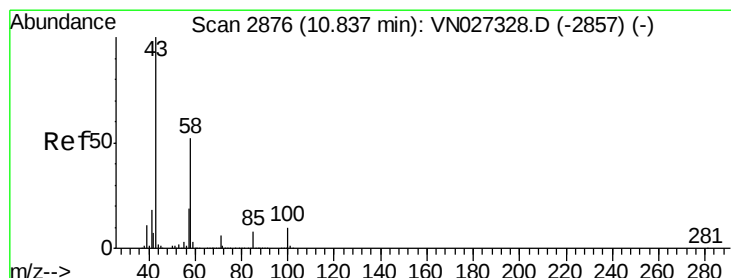
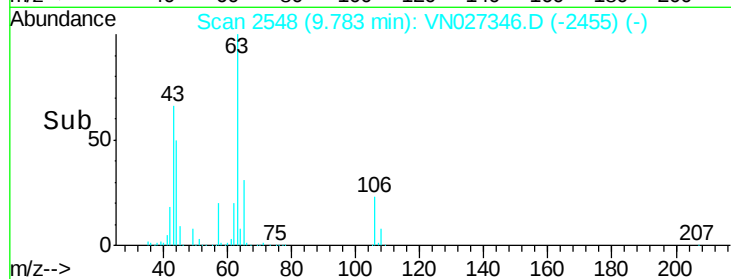
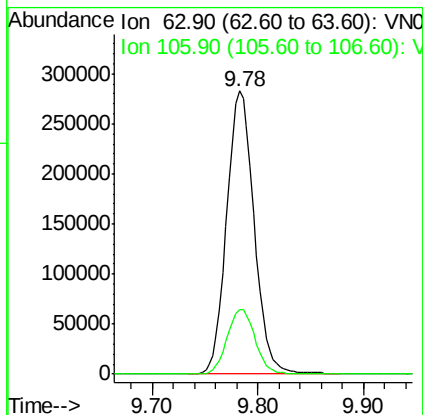
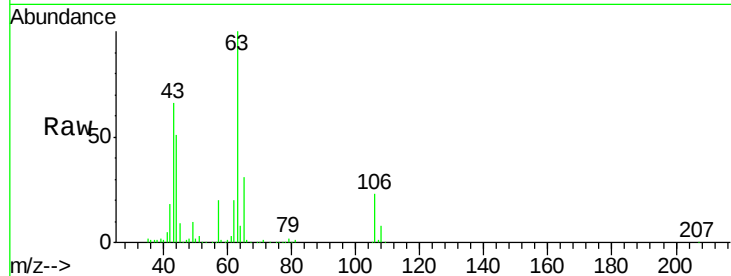




#59
 2-Chloroethyl Vinyl ether
 Concen: 101.68 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

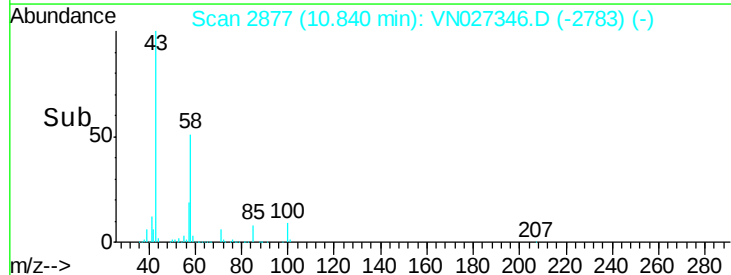
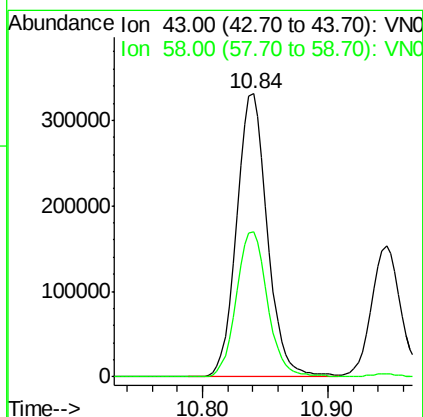
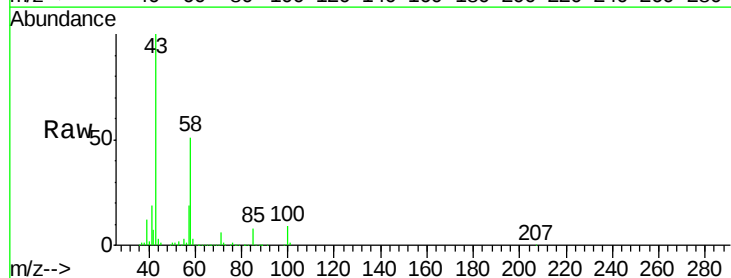
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

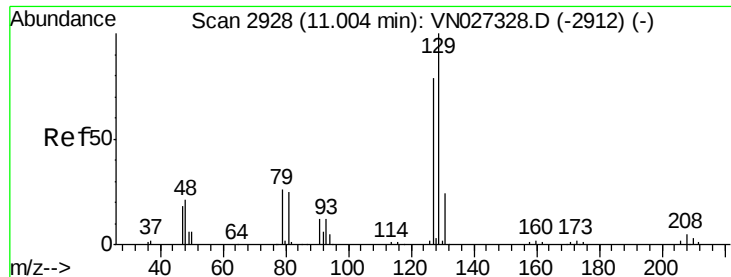
Tgt Ion: 63 Resp: 510512
 Ion Ratio Lower Upper
 63 100
 106 23.4 17.7 26.5



#60
 2-Hexanone
 Concen: 97.60 ug/l
 RT: 10.84 min Scan# 2877
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 43 Resp: 561367
 Ion Ratio Lower Upper
 43 100
 58 52.3 26.2 78.5





#61

Dibromochloromethane

Concen: 18.95 ug/l

RT: 11.00 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

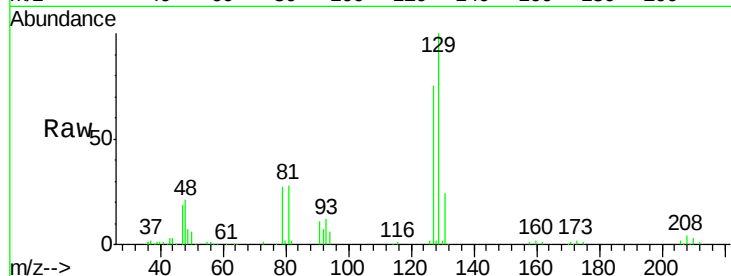
VN0921WBS02

Tgt Ion:129 Resp: 132449

Ion Ratio Lower Upper

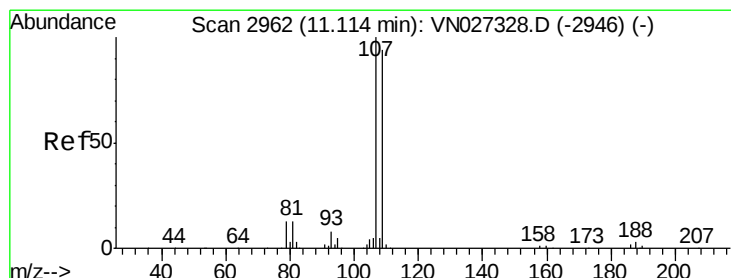
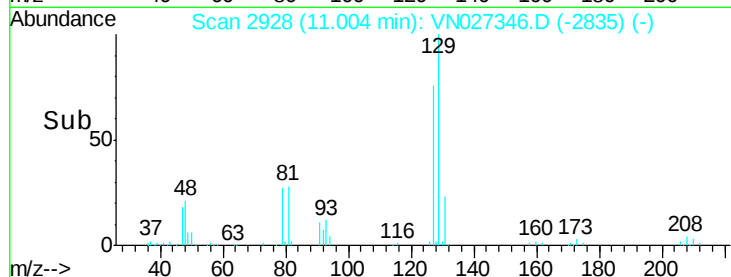
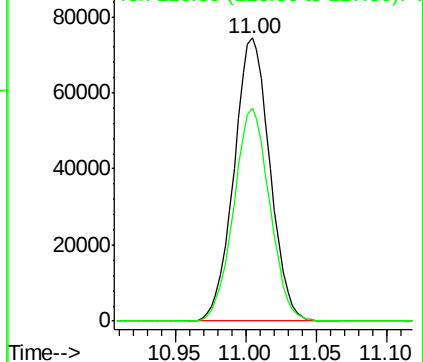
129 100

127 75.3 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

1,2-Dibromoethane

Concen: 18.87 ug/l

RT: 11.11 min Scan# 2962

Delta R.T. 0.00 min

Lab File: VN027346.D

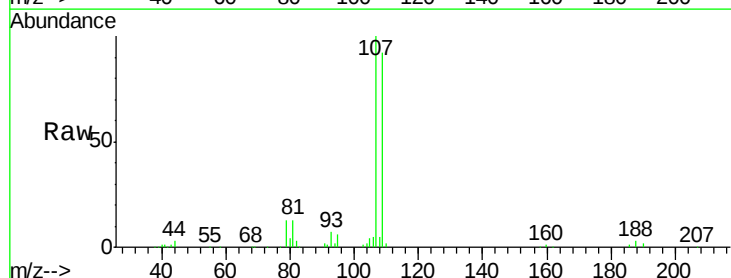
Acq: 21 Sep 2015 23:17

Tgt Ion:107 Resp: 128113

Ion Ratio Lower Upper

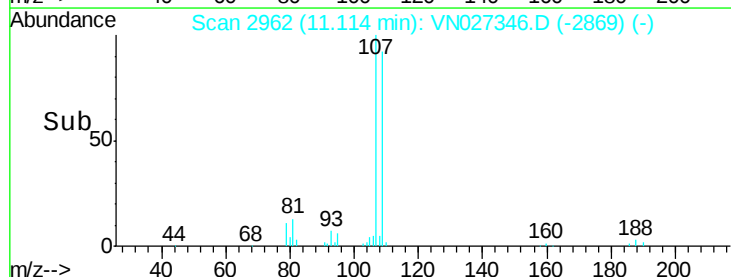
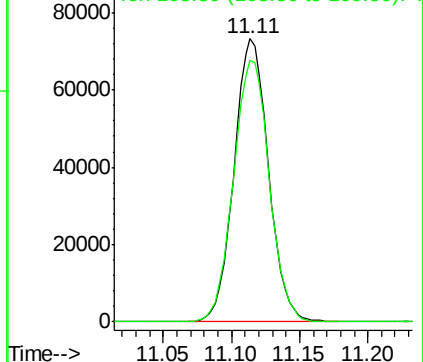
107 100

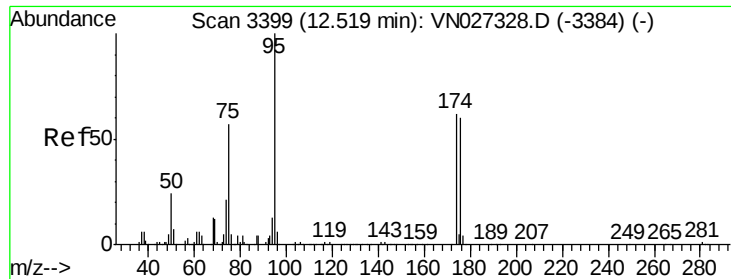
109 96.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

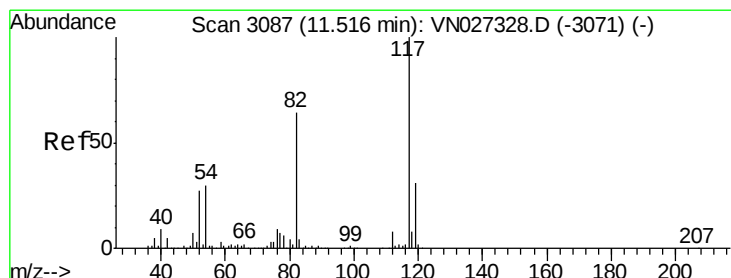
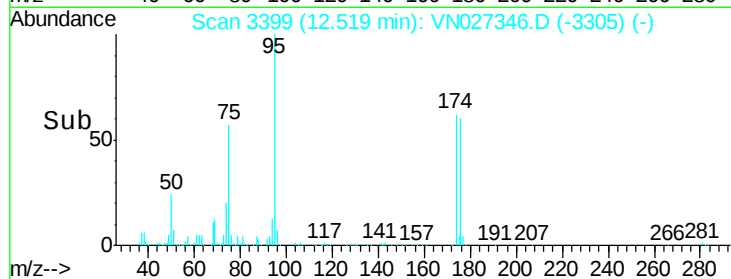
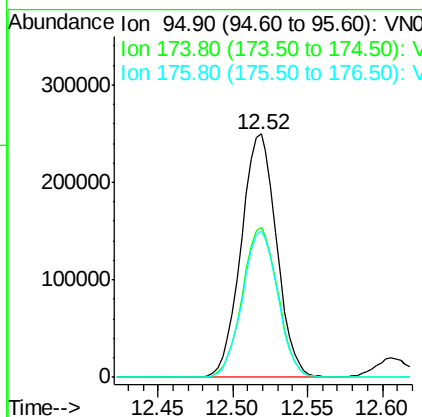
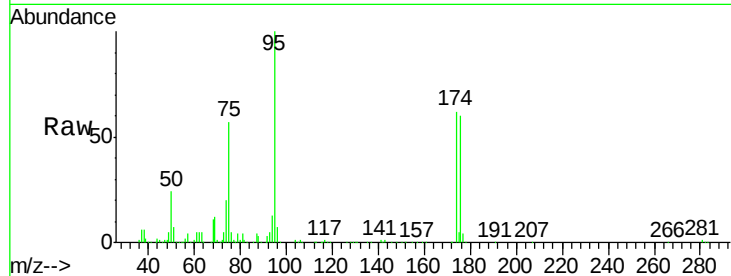




#63
4-Bromofluorobenzene
Concen: 43.45 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

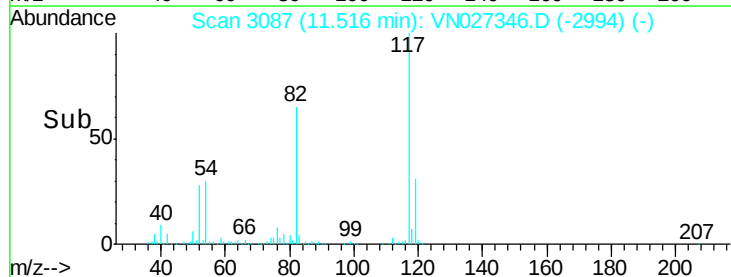
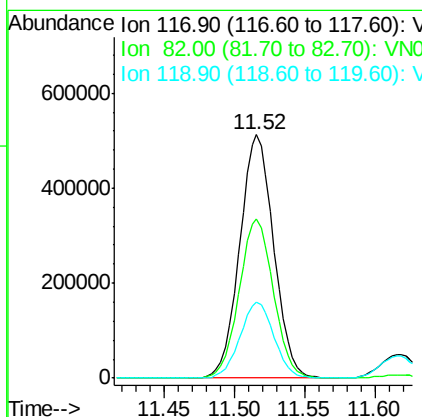
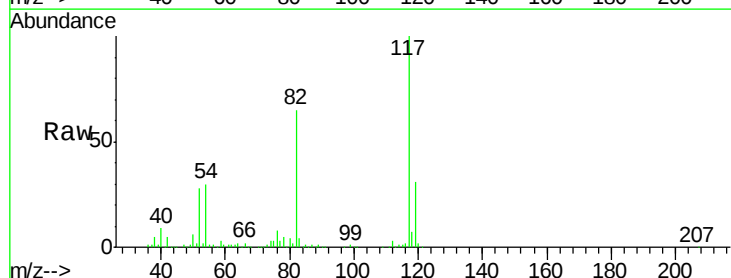
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

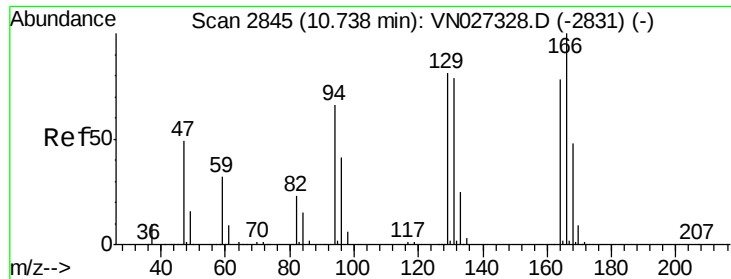
Tgt Ion: 95 Resp: 411962
Ion Ratio Lower Upper
95 100
174 61.8 0.0 137.0
176 60.0 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 117 Resp: 865769
Ion Ratio Lower Upper
117 100
82 65.2 49.6 74.4
119 31.0 24.6 36.8





#65

Tetrachloroethene

Concen: 19.34 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tgt Ion:164 Resp: 99640

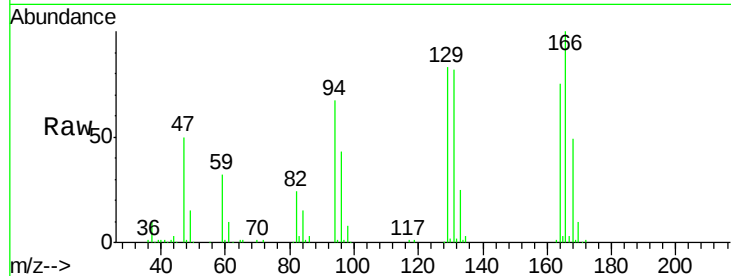
Ion Ratio Lower Upper

164 100

166 132.6 103.4 155.0

129 110.6 77.5 116.3

131 108.7 74.2 111.4

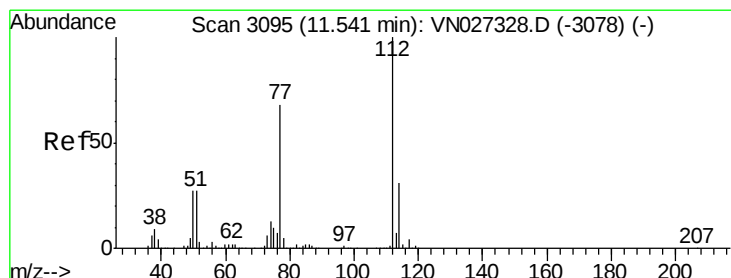
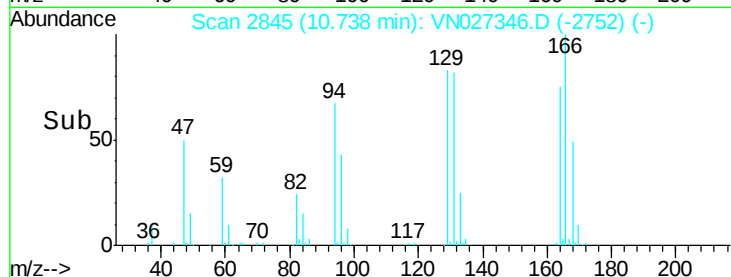
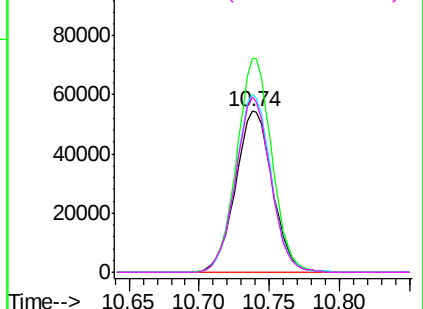


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#66

Chlorobenzene

Concen: 19.37 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027346.D

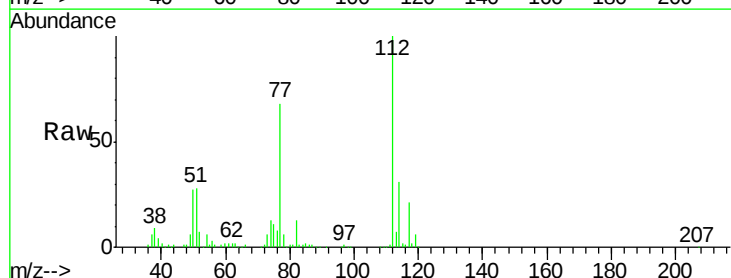
Acq: 21 Sep 2015 23:17

Tgt Ion:112 Resp: 359609

Ion Ratio Lower Upper

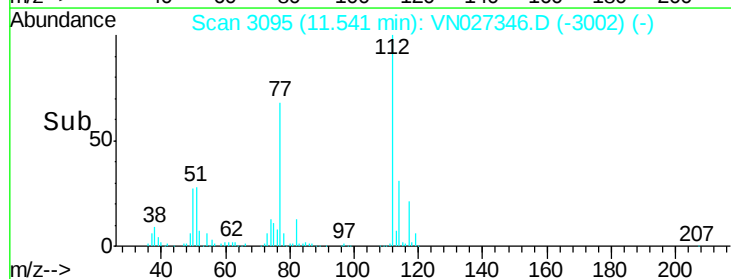
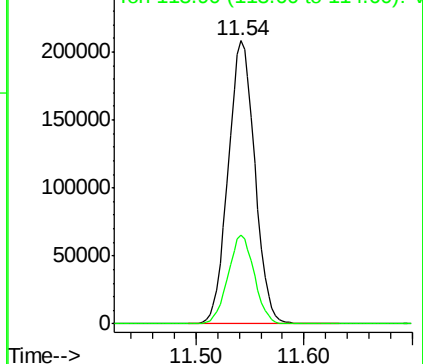
112 100

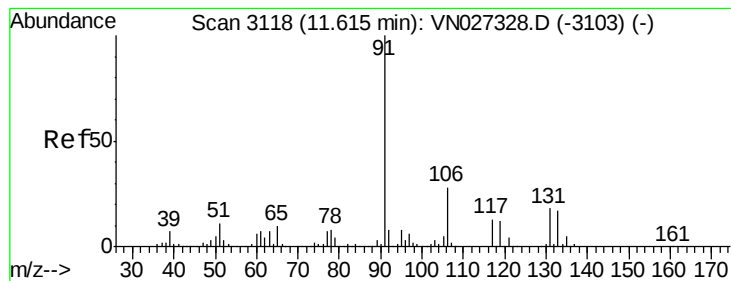
114 31.2 24.9 37.3



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: 19.64 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

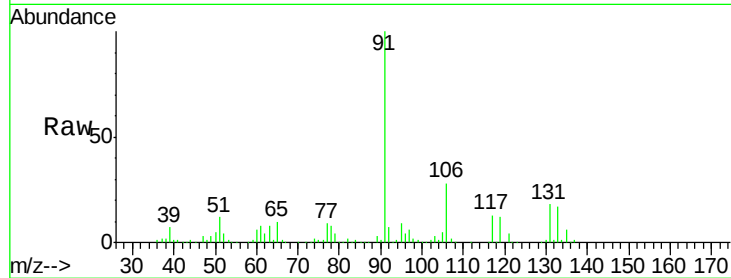
Tgt Ion:131 Resp: 122350

Ion Ratio Lower Upper

131 100

133 96.0 47.0 141.2

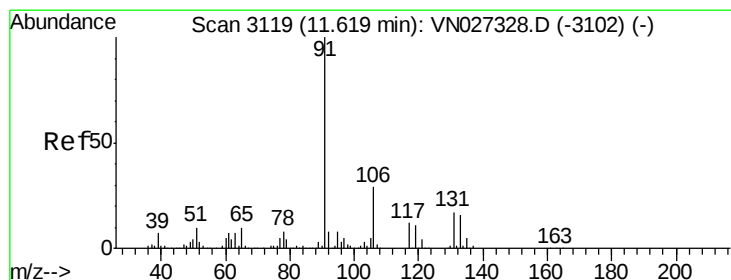
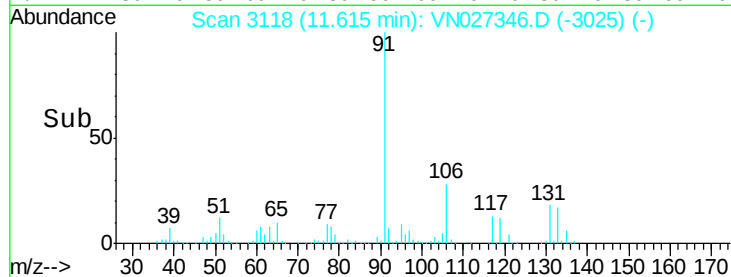
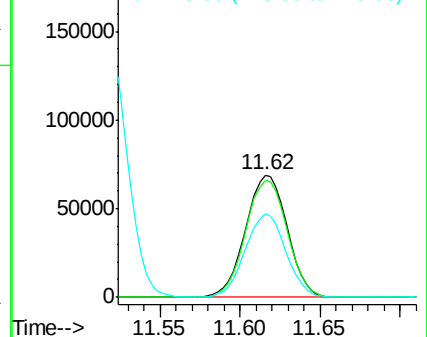
119 66.7 35.1 105.5



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: 19.49 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027346.D

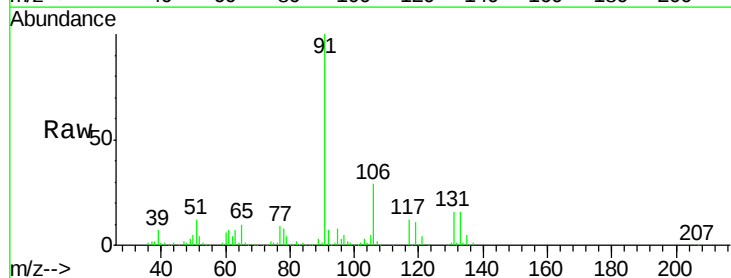
Acq: 21 Sep 2015 23:17

Tgt Ion: 91 Resp: 682379

Ion Ratio Lower Upper

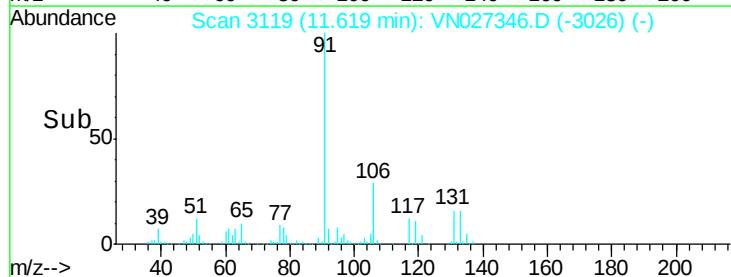
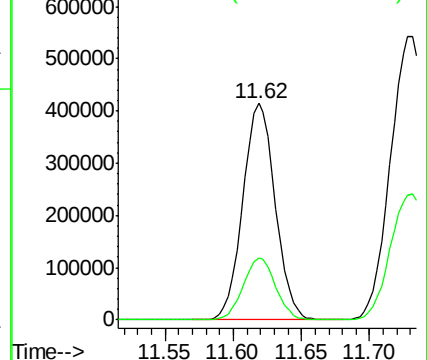
91 100

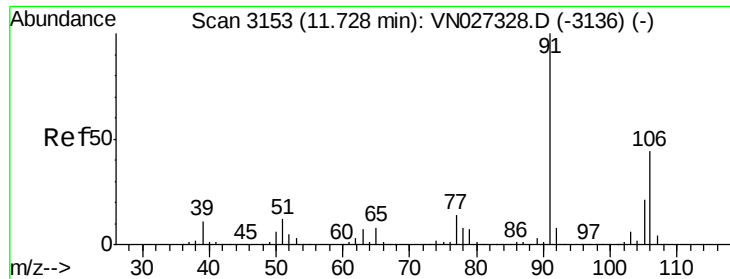
106 28.8 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#69

m/p-Xylenes

Concen: 39.10 ug/l

RT: 11.73 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

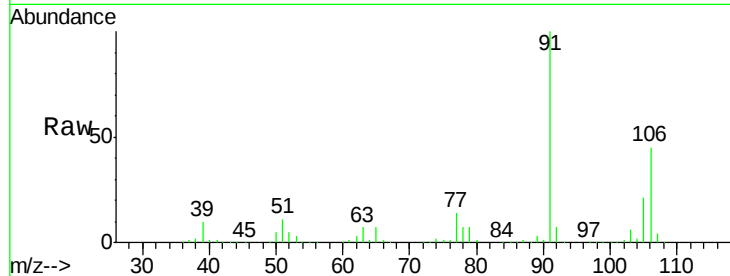
VN0921WBS02

Tgt Ion:106 Resp: 474649

Ion Ratio Lower Upper

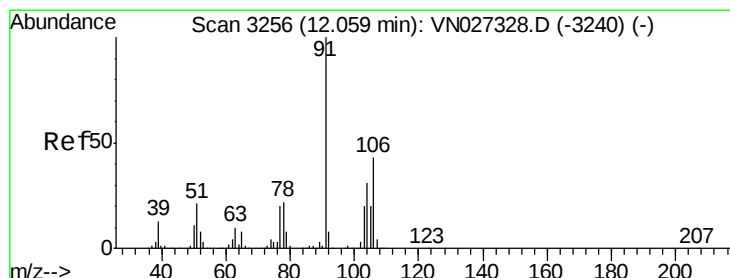
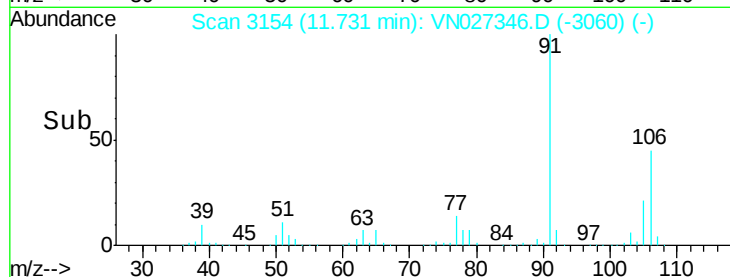
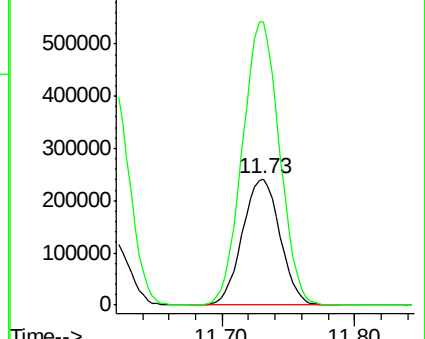
106 100

91 221.8 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 19.37 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN027346.D

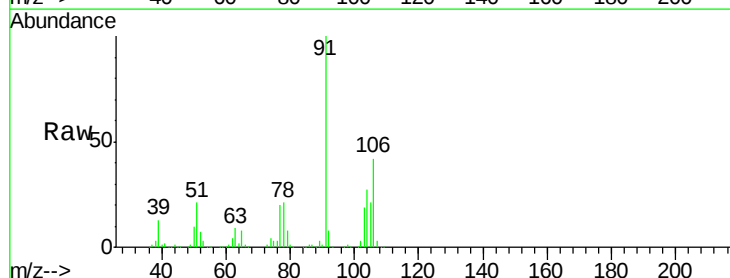
Acq: 21 Sep 2015 23:17

Tgt Ion:106 Resp: 237554

Ion Ratio Lower Upper

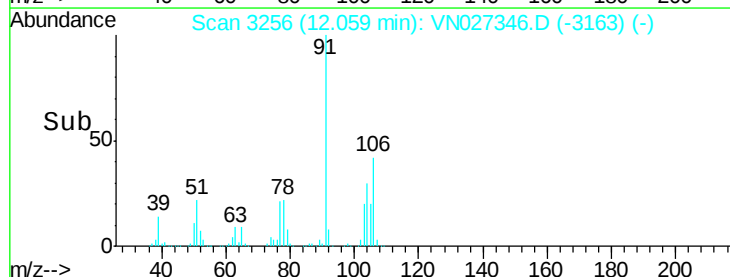
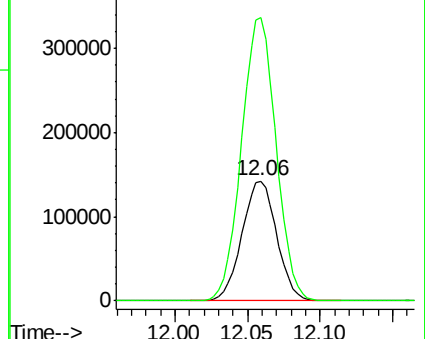
106 100

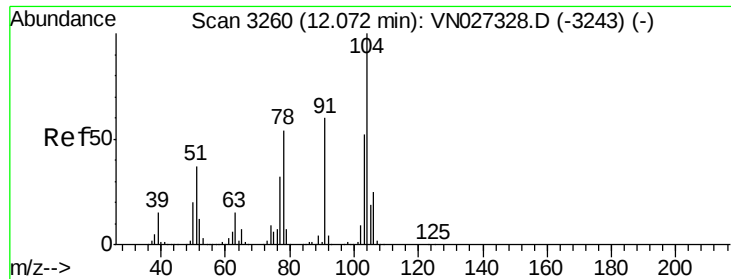
91 234.6 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

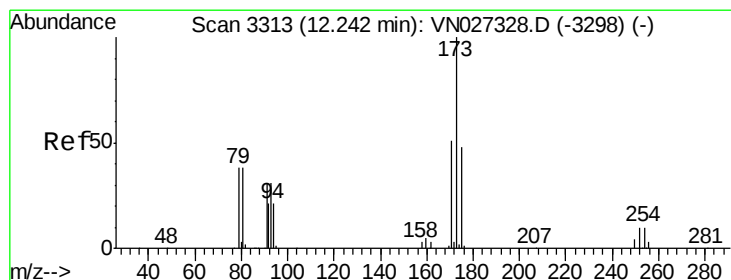
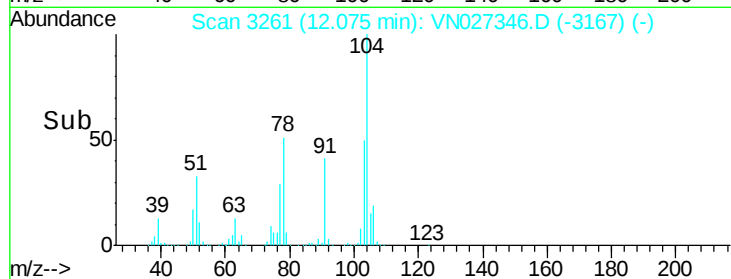
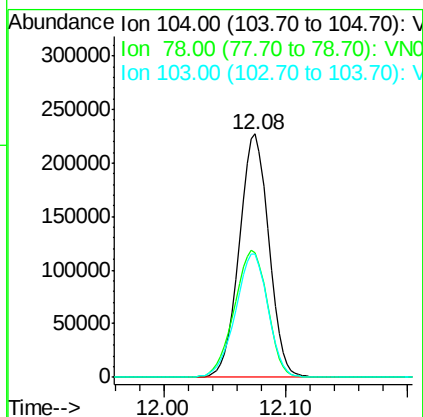
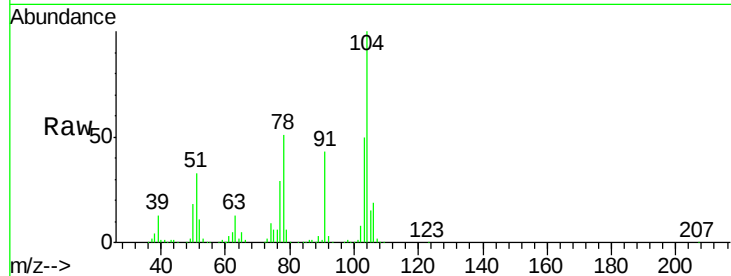




#71
Styrene
Concen: 19.48 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

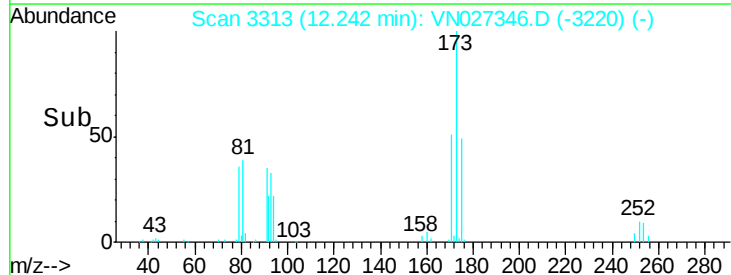
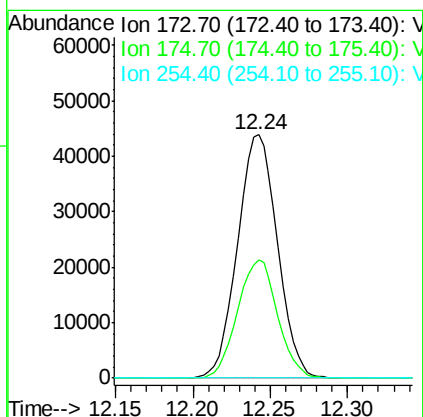
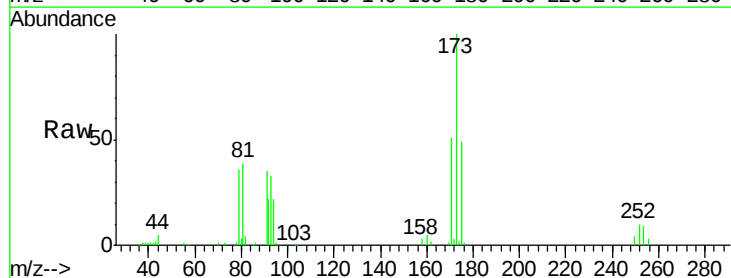
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

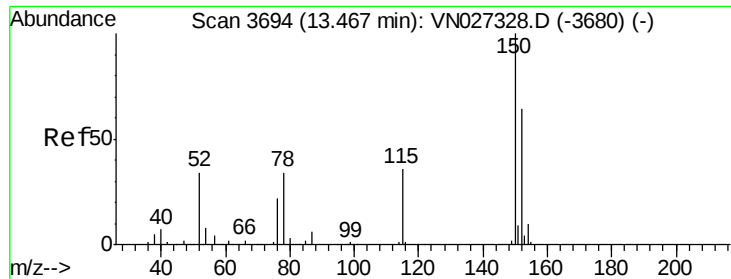
Tgt Ion:104 Resp: 380384
Ion Ratio Lower Upper
104 100
78 58.9 41.6 62.4
103 55.8 44.2 66.2



#72
Bromoform
Concen: 18.81 ug/l
RT: 12.24 min Scan# 3313
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion:173 Resp: 78610
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.0 0.1 0.1#

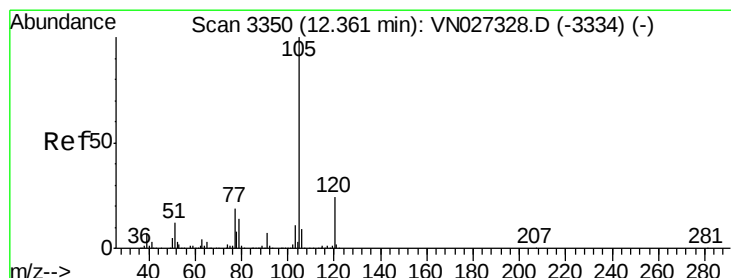
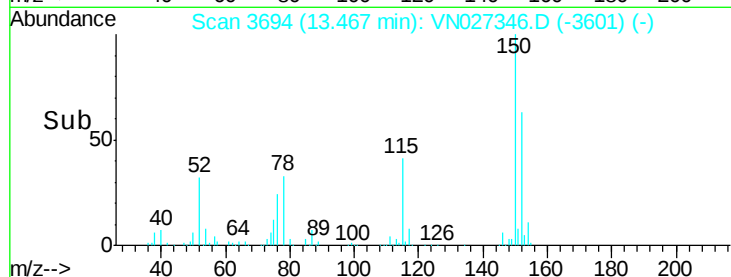
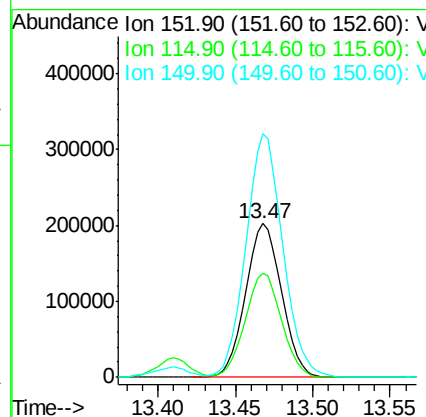
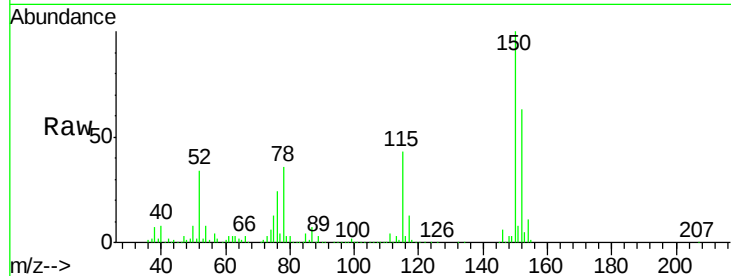




#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

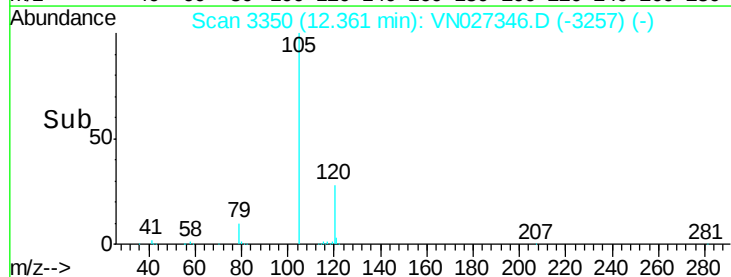
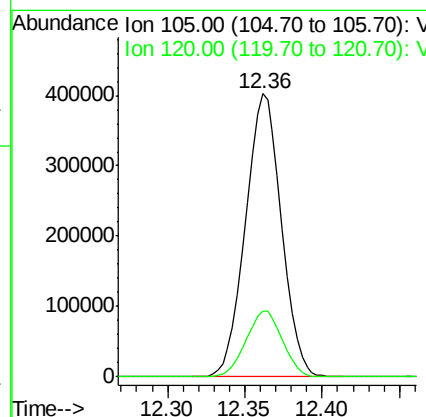
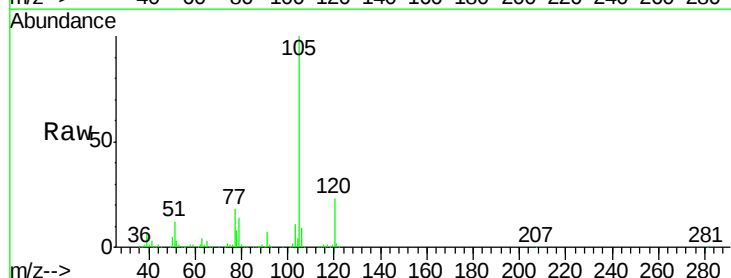
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

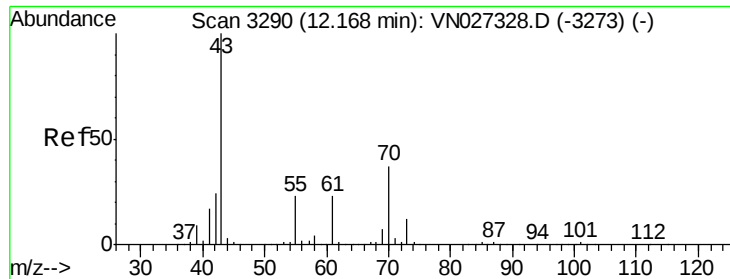
Tgt Ion:152 Resp: 327543
 Ion Ratio Lower Upper
 152 100
 115 68.3 30.8 92.3
 150 162.3 0.0 345.0



#74
 Isopropylbenzene
 Concen: 19.76 ug/l
 RT: 12.36 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion:105 Resp: 648305
 Ion Ratio Lower Upper
 105 100
 120 23.6 12.4 37.2

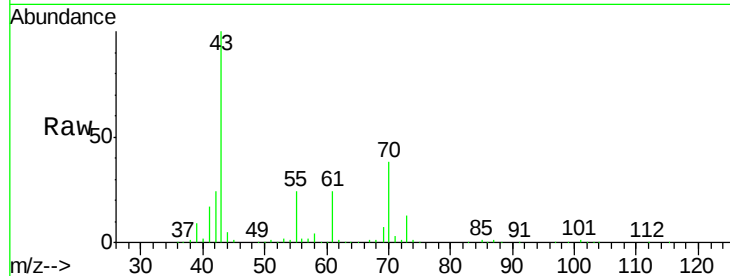




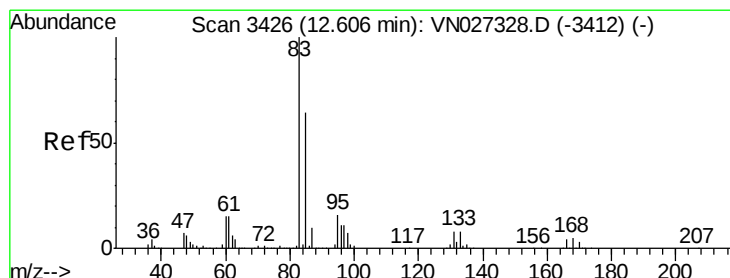
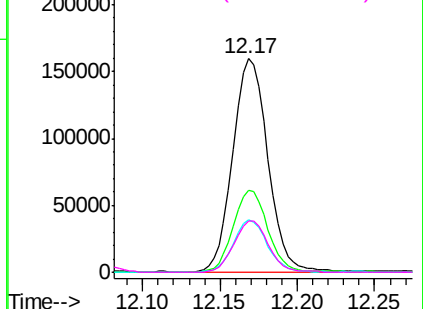
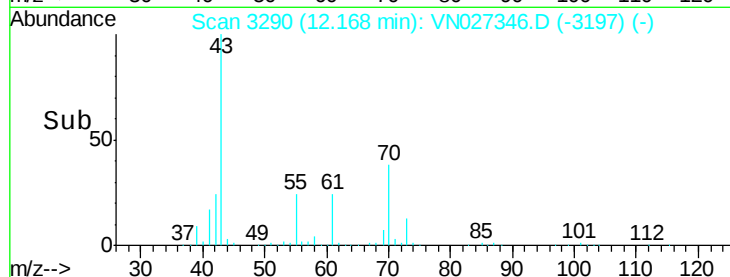
#75
N-ethyl acetate
Concen: 19.25 ug/l
RT: 12.17 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tgt Ion:	43	Resp:	250562
Ion	Ratio	Lower	Upper
43	100		
70	37.9	29.8	44.8
55	23.7	19.4	29.0
61	23.9	18.2	27.2

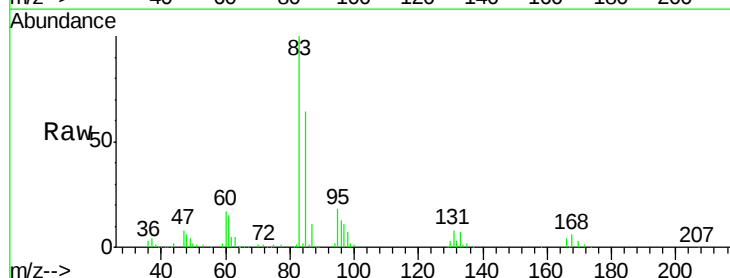


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 70.00 (69.70 to 70.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 61.00 (60.70 to 61.70): VN0

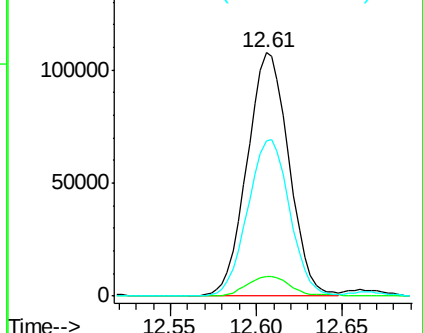
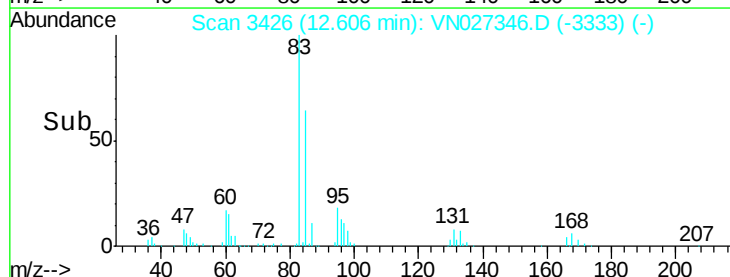


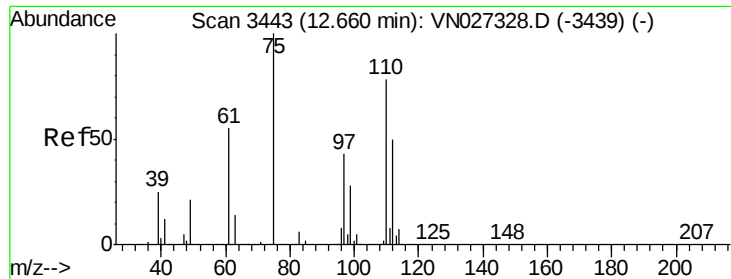
#76
1,1,2,2-Tetrachloroethane
Concen: 19.64 ug/l
RT: 12.61 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion:	83	Resp:	181368
Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.1	12.3
85	64.6	31.9	95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0

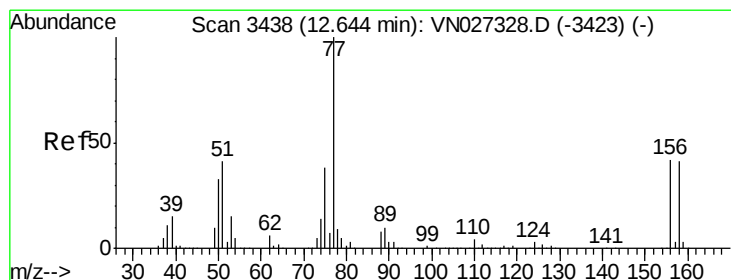
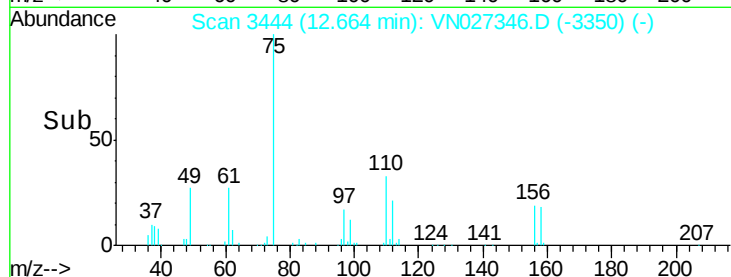
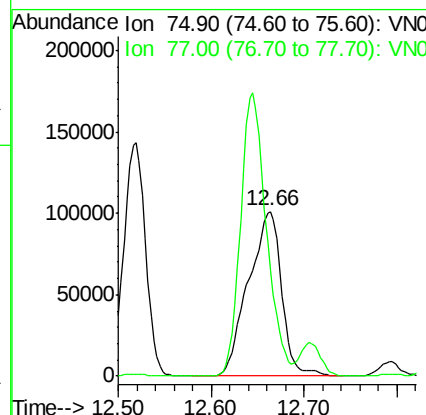
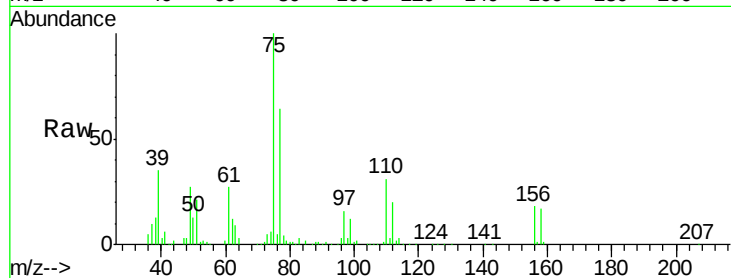




#77
 1,2,3-Trichloropropane
 Concen: 30.44 ug/l
 RT: 12.66 min Scan# 3444
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

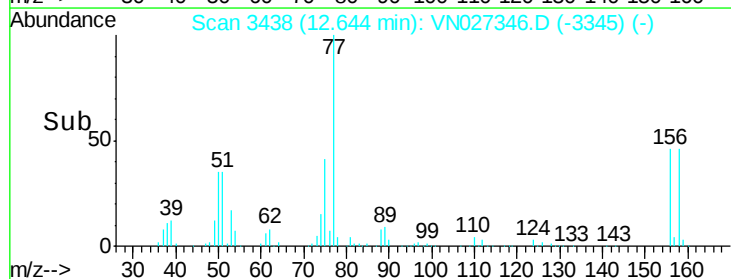
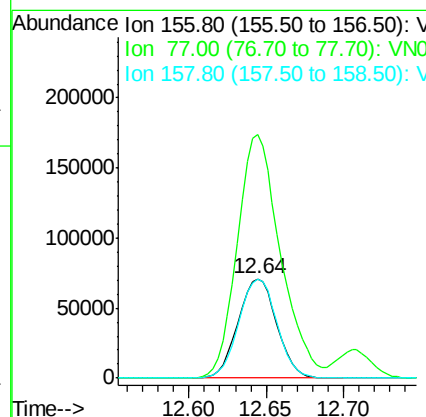
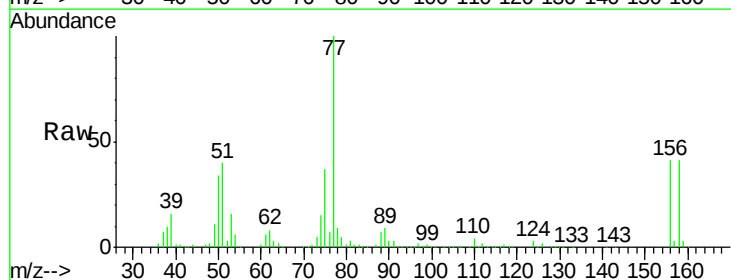
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

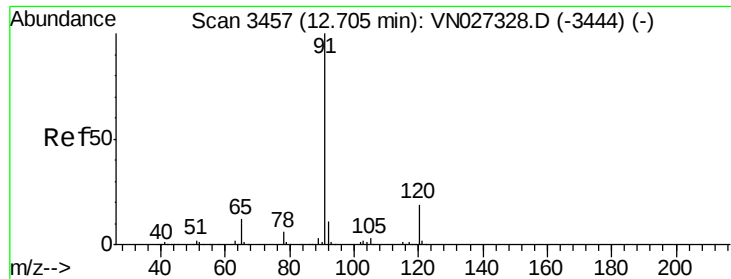
Tgt Ion: 75 Resp: 250307
 Ion Ratio Lower Upper
 75 100
 77 134.2 103.1 309.3



#78
 Bromobenzene
 Concen: 19.15 ug/l
 RT: 12.64 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 156 Resp: 122940
 Ion Ratio Lower Upper
 156 100
 77 273.3 127.3 381.9
 158 98.8 48.0 144.2





#79

n-propylbenzene

Concen: 18.89 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampled :

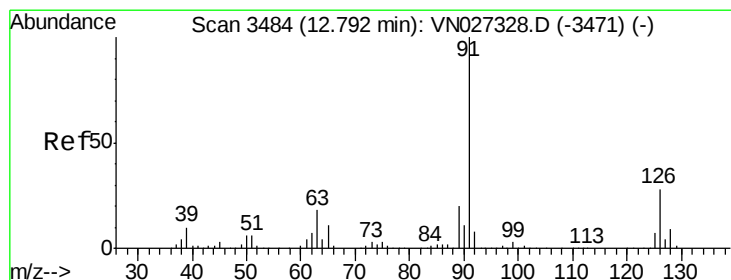
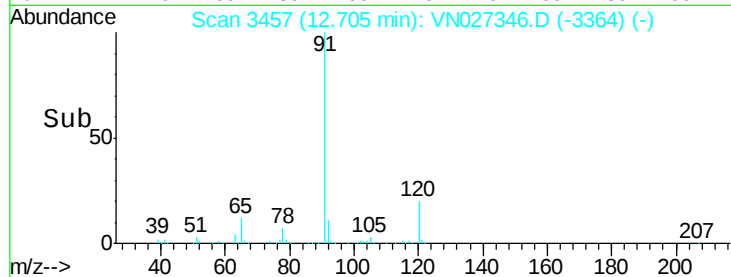
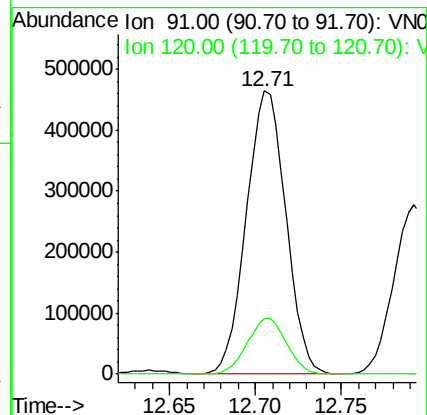
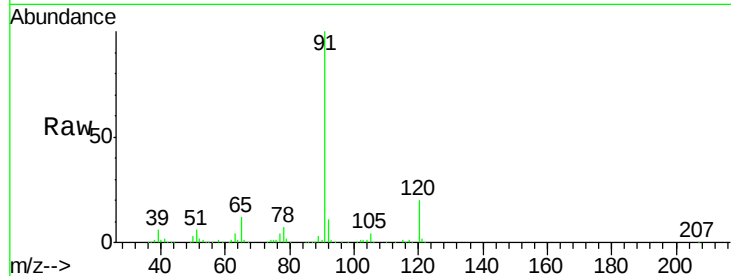
VN0921WBS02

Tgt Ion: 91 Resp: 739187

Ion Ratio Lower Upper

91 100

120 19.6 10.3 30.8



#80

2-Chlorotoluene

Concen: 18.77 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027346.D

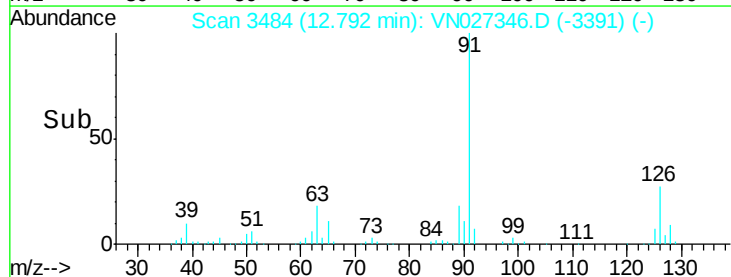
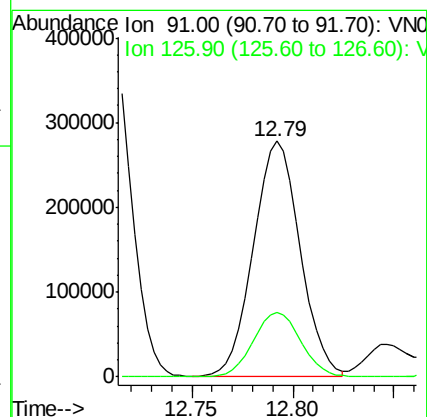
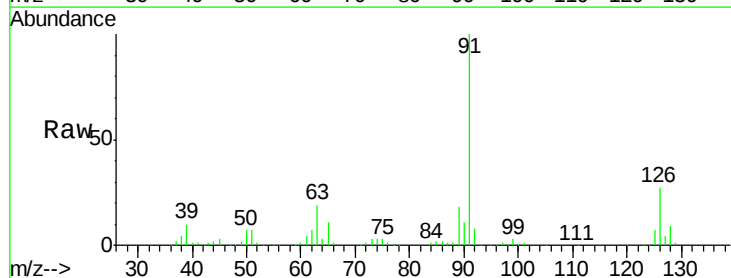
Acq: 21 Sep 2015 23:17

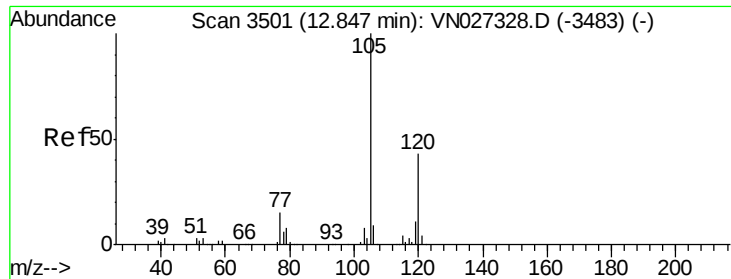
Tgt Ion: 91 Resp: 448969

Ion Ratio Lower Upper

91 100

126 28.2 15.2 45.5

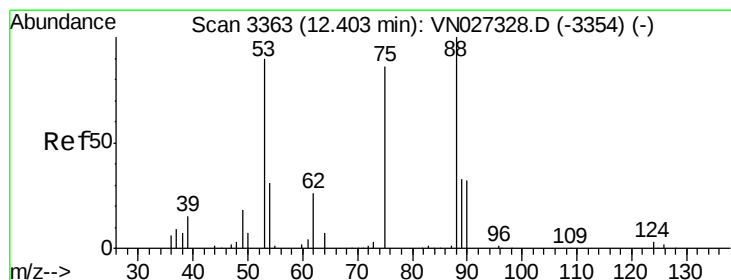
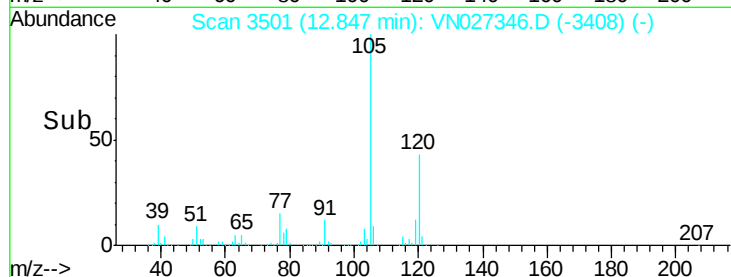
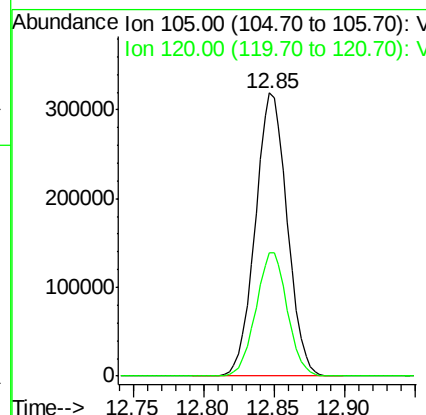
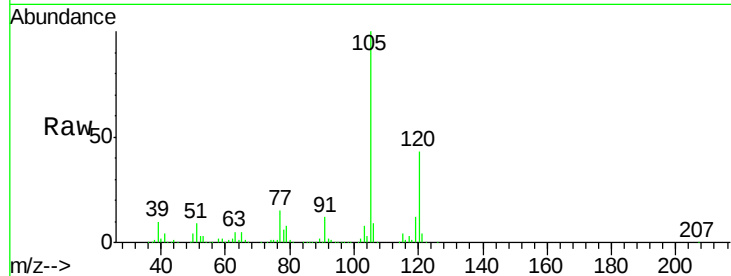




#81
 1,3,5-Trimethylbenzene
 Concen: 18.99 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

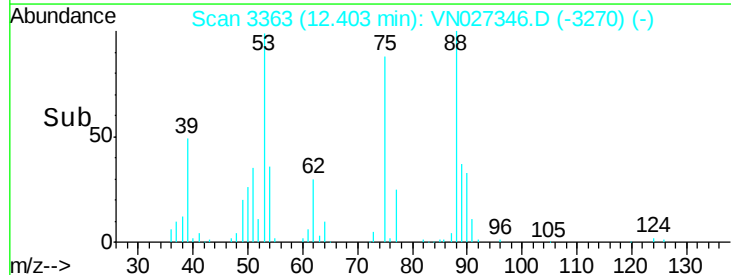
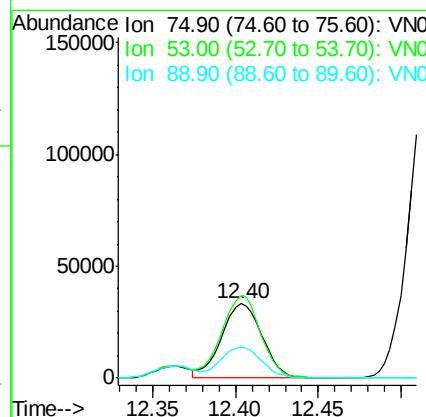
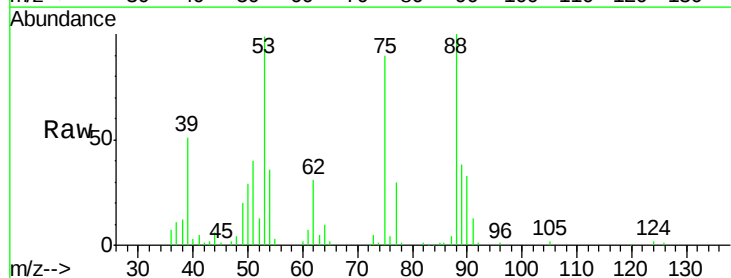
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

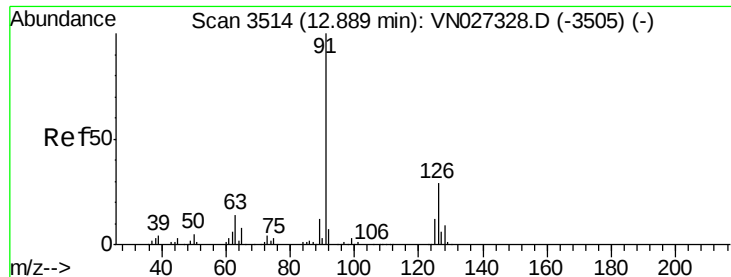
Tgt Ion: 105 Resp: 503810
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 17.53 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion: 75 Resp: 56210
 Ion Ratio Lower Upper
 75 100
 53 106.9 92.9 139.3
 89 42.1 34.2 51.4

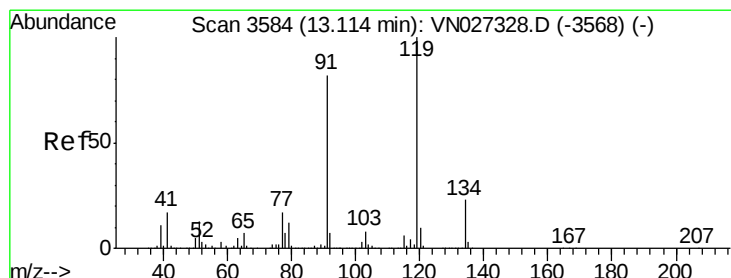
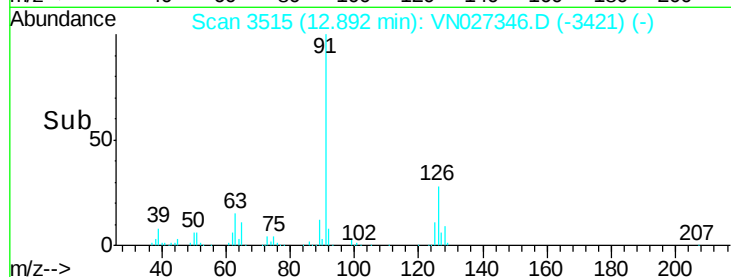
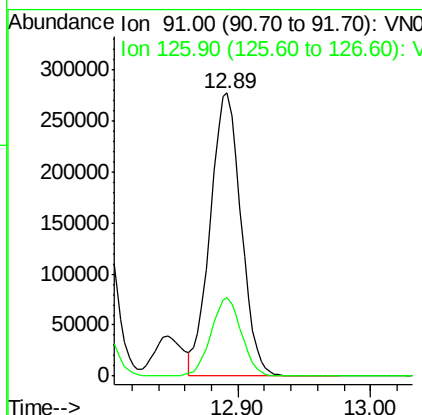
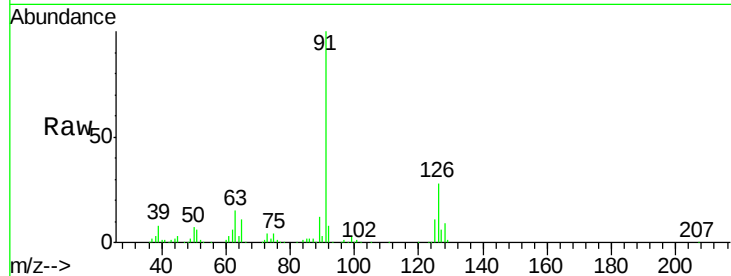




#83
4-Chlorotoluene
Concen: 19.14 ug/l
RT: 12.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

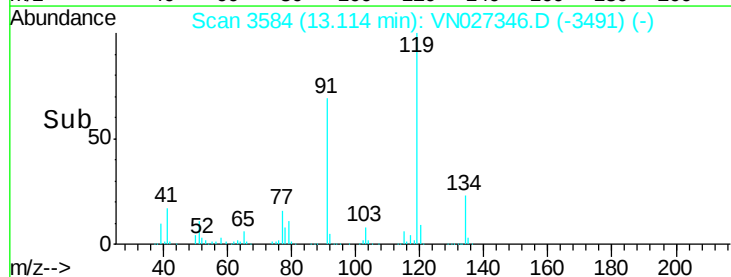
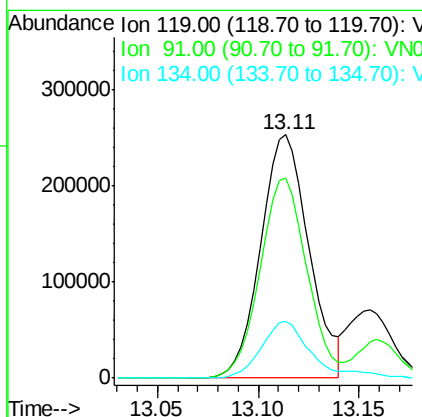
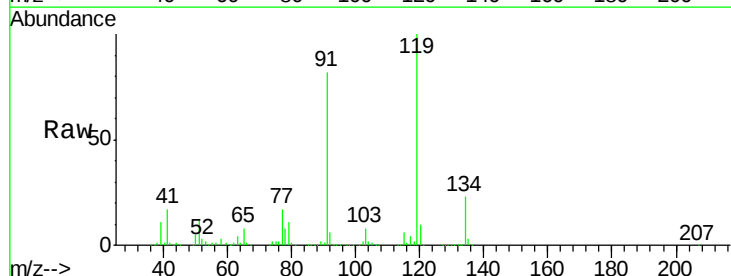
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

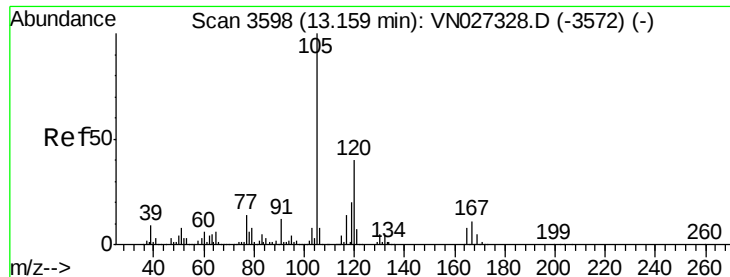
Tgt Ion: 91 Resp: 446941
Ion Ratio Lower Upper
91 100
126 27.1 14.9 44.5



#84
tert-Butylbenzene
Concen: 19.67 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027346.D
Acq: 21 Sep 2015 23:17

Tgt Ion: 119 Resp: 420770
Ion Ratio Lower Upper
119 100
91 80.5 34.6 103.8
134 24.4 11.4 34.2

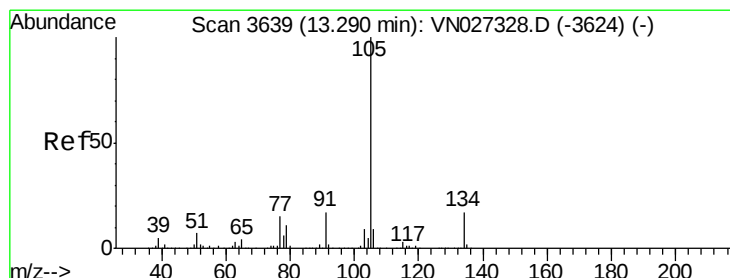
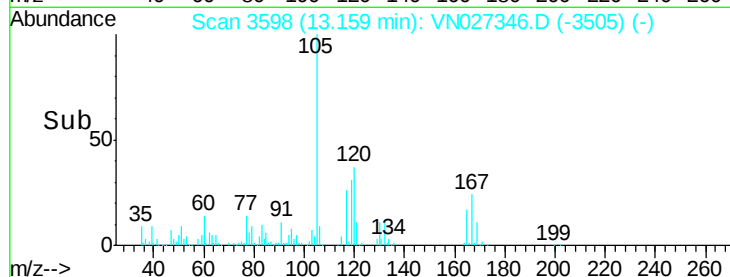
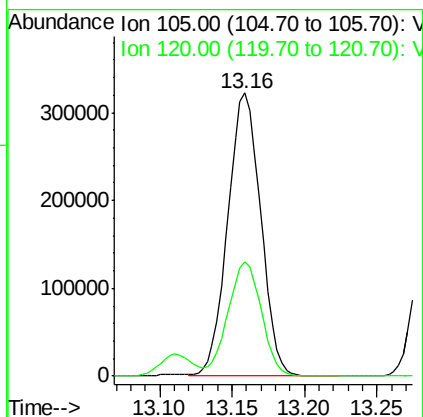
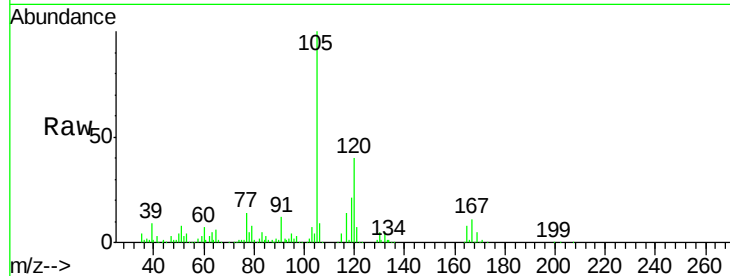




#85
 1,2,4-Trimethylbenzene
 Concen: 19.24 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

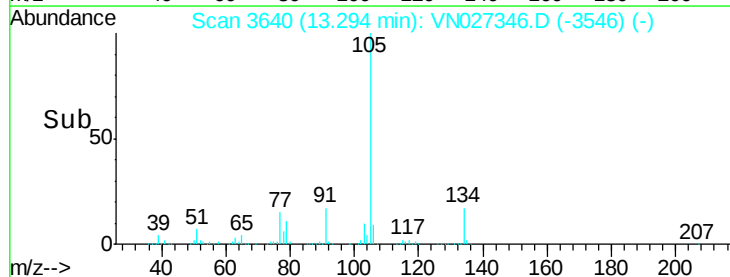
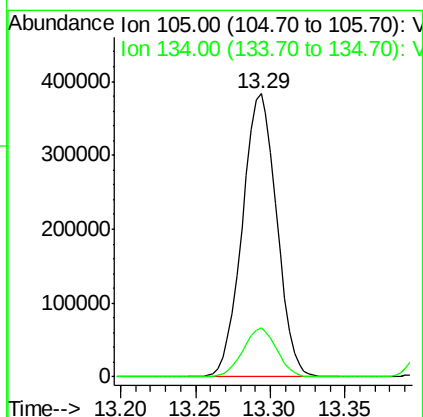
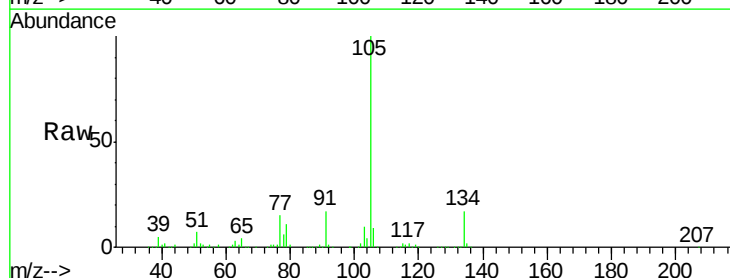
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

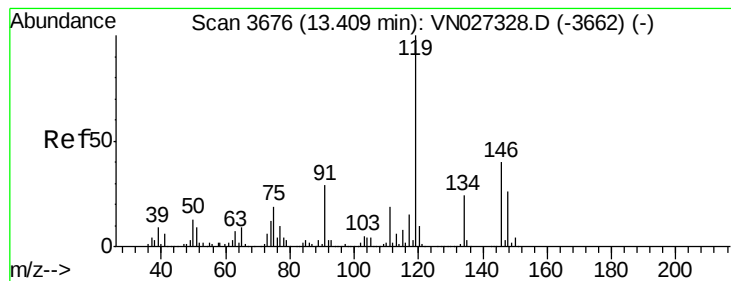
Tgt Ion:105 Resp: 507444
 Ion Ratio Lower Upper
 105 100
 120 41.0 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 19.26 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion:105 Resp: 613614
 Ion Ratio Lower Upper
 105 100
 134 17.0 8.8 26.4





#87

p-Isopropyltoluene

Concen: 18.97 ug/l

RT: 13.41 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

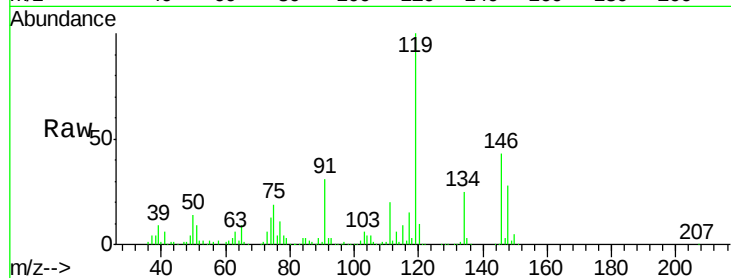
Tgt Ion:119 Resp: 453115

Ion Ratio Lower Upper

119 100

134 25.1 12.4 37.0

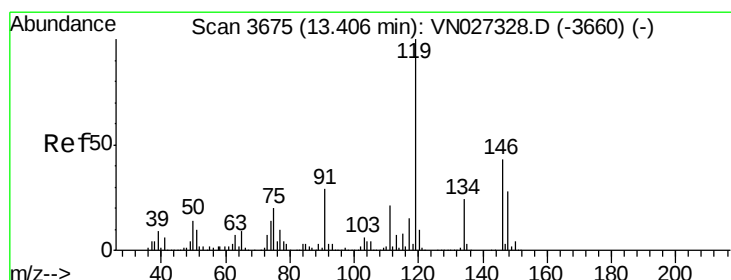
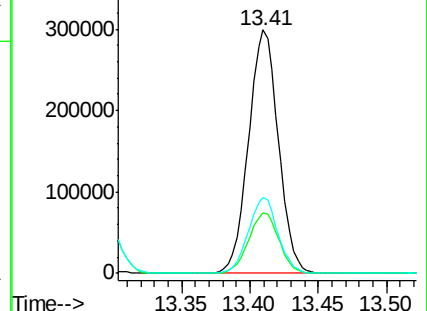
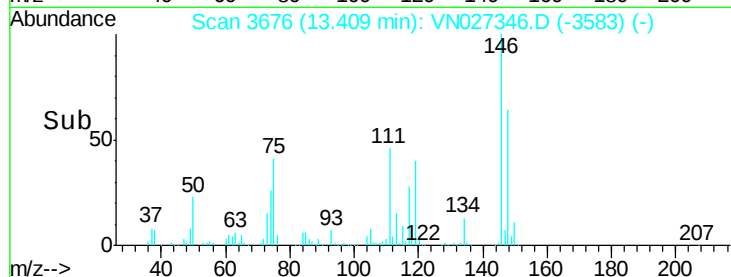
91 30.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#88

1,3-Dichlorobenzene

Concen: 19.67 ug/l

RT: 13.41 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

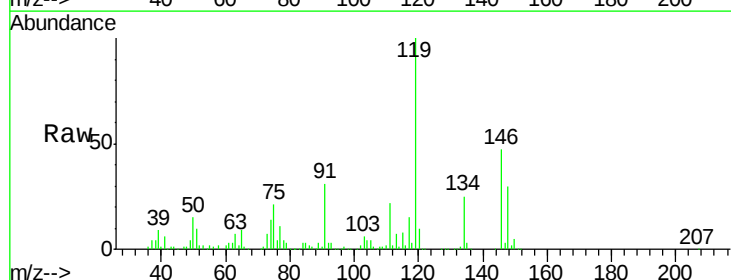
Tgt Ion:146 Resp: 217912

Ion Ratio Lower Upper

146 100

111 46.7 21.0 63.0

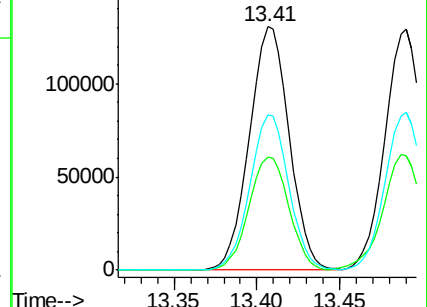
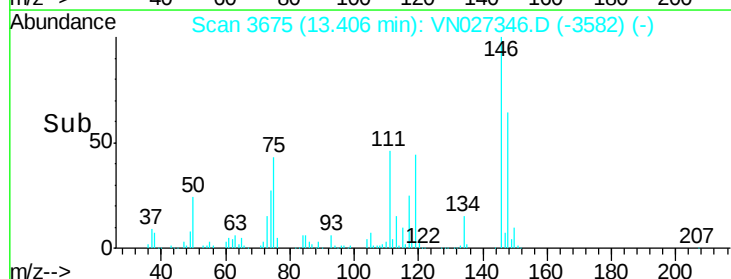
148 62.4 31.9 95.9

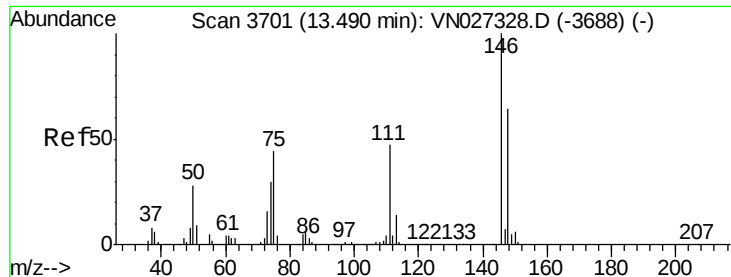


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

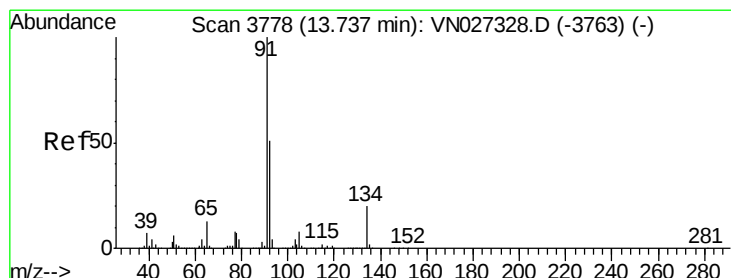
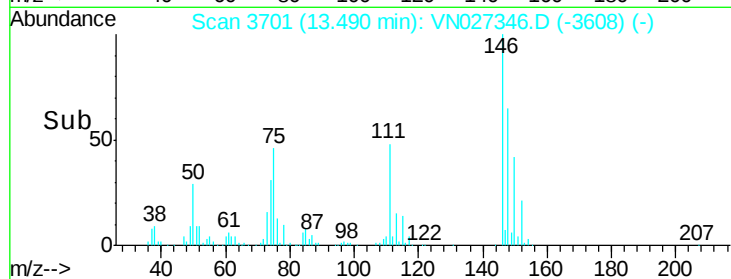
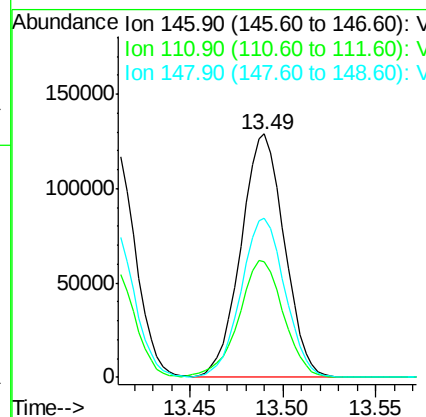
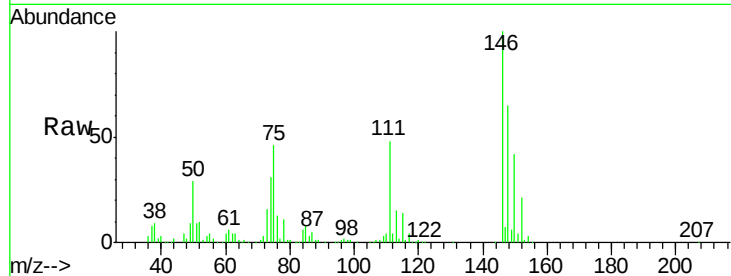




#89
 1,4-Dichlorobenzene
 Concen: 18.73 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

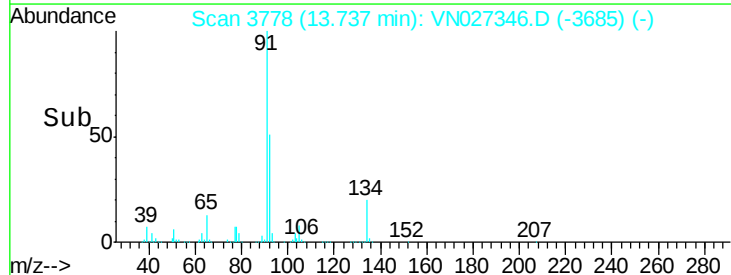
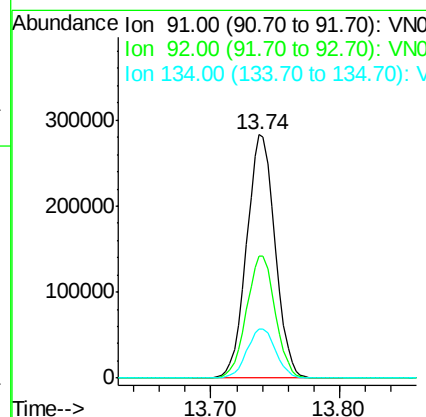
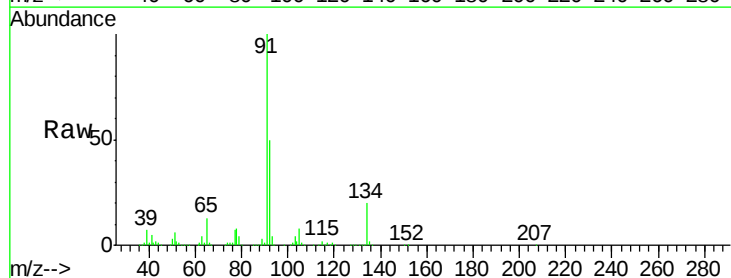
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS02

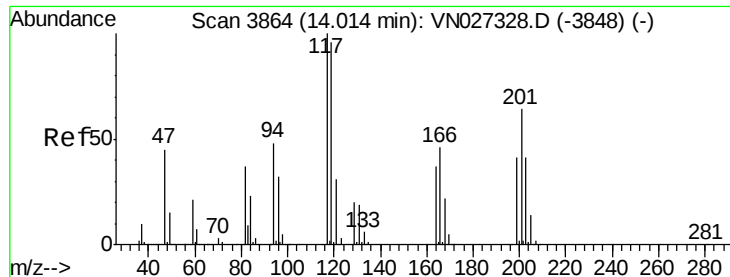
Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.1	19.9	59.6
148	66.2	31.7	95.1



#90
 n-Butylbenzene
 Concen: 18.16 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.1	78.2
134	20.6	11.1	33.1





#91

Hexachloroethane

Concen: 18.34 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

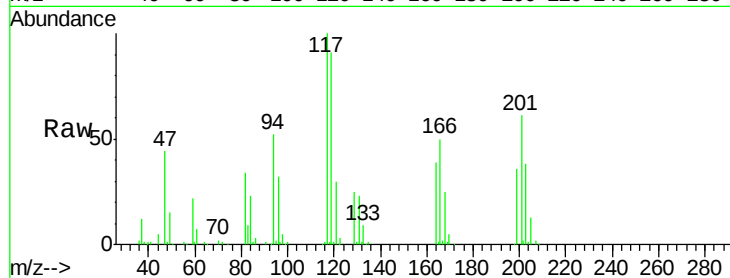
VN0921WBS02

Tgt Ion:117 Resp: 93649

Ion Ratio Lower Upper

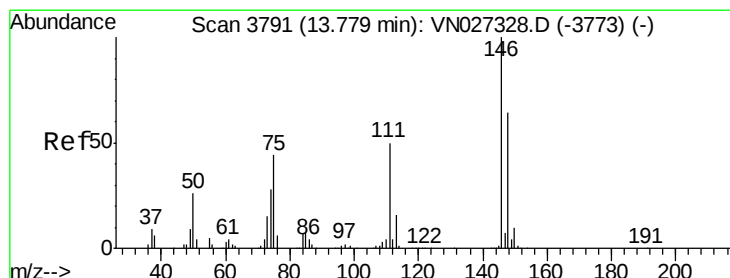
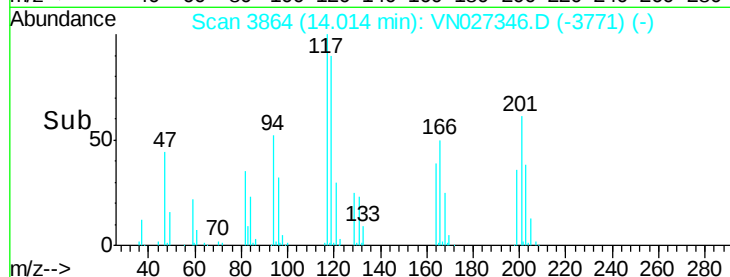
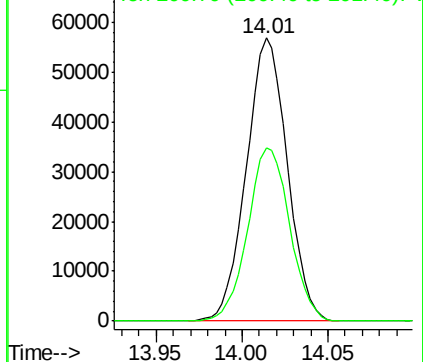
117 100

201 62.9 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: 19.67 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

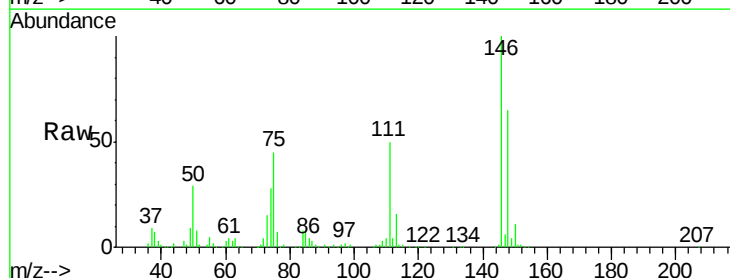
Tgt Ion:146 Resp: 217661

Ion Ratio Lower Upper

146 100

111 50.3 22.1 66.3

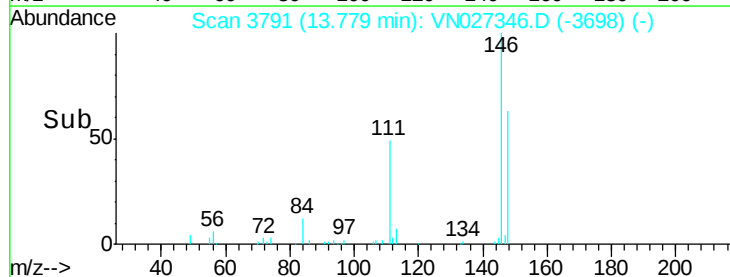
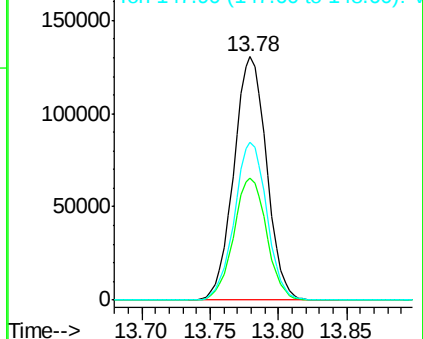
148 64.0 32.0 96.0

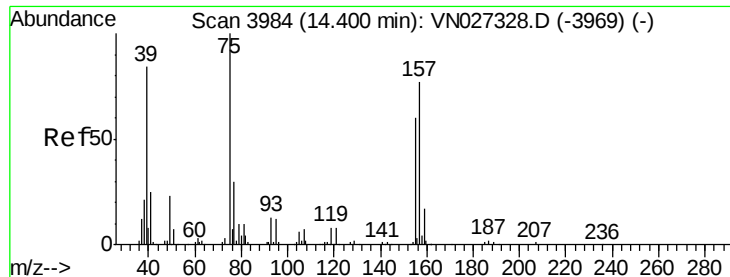


Abundance Ion 145.90 (145.60 to 146.60): V

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: 18.69 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

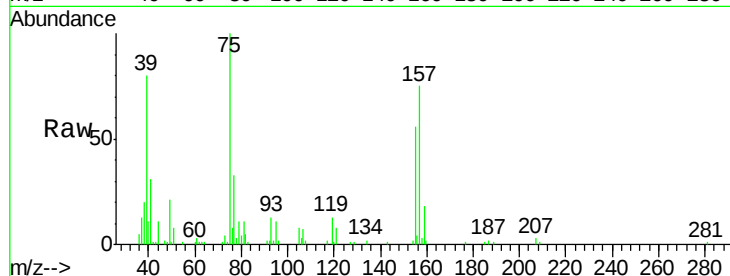
Tgt Ion: 75 Resp: 33829

Ion Ratio Lower Upper

75 100

155 57.2 35.6 106.9

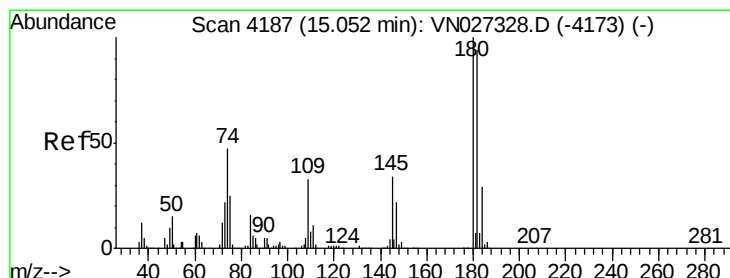
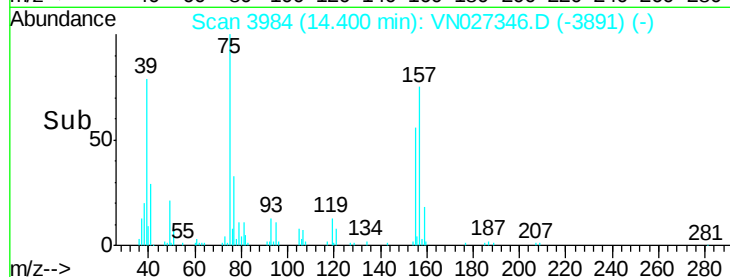
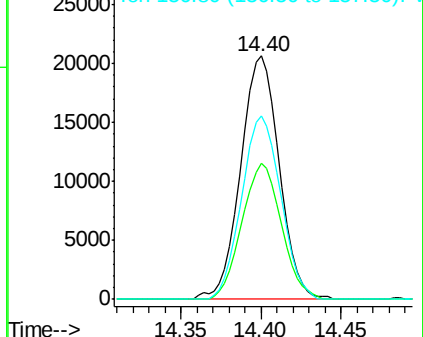
157 76.6 44.6 133.8



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: 18.82 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

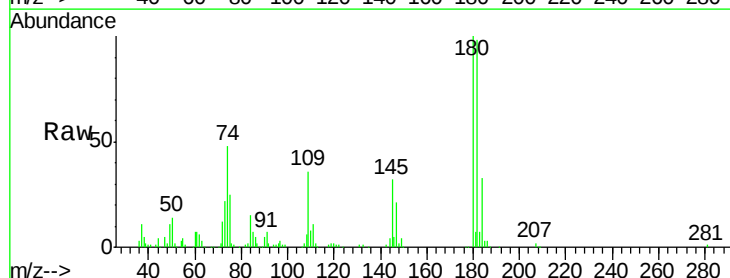
Tgt Ion: 180 Resp: 107663

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.5

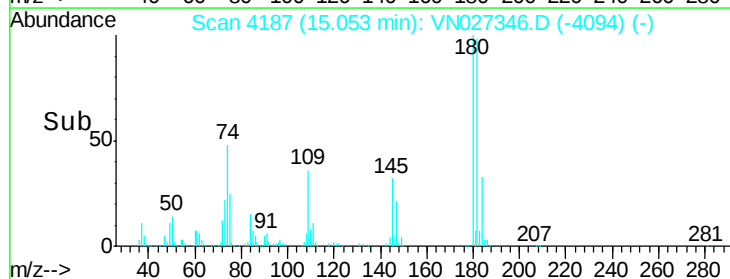
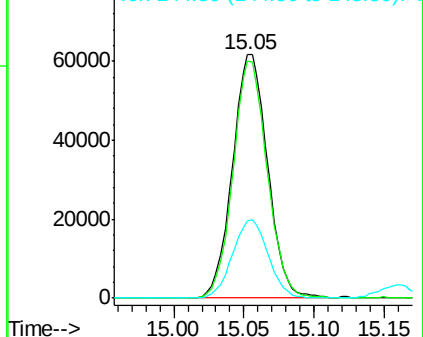
145 32.6 15.1 45.3

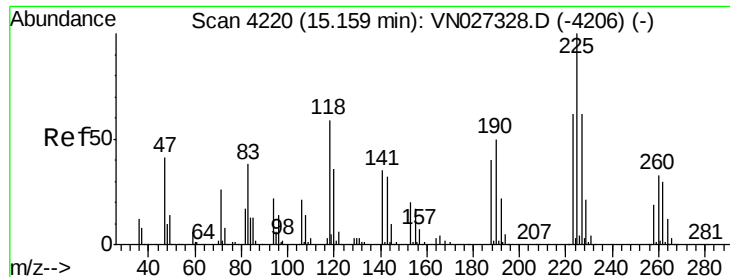


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Hexachlorobutadiene

Concen: 18.31 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS02

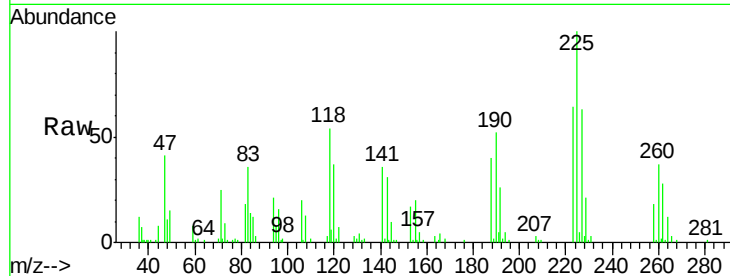
Tgt Ion:225 Resp: 57389

Ion Ratio Lower Upper

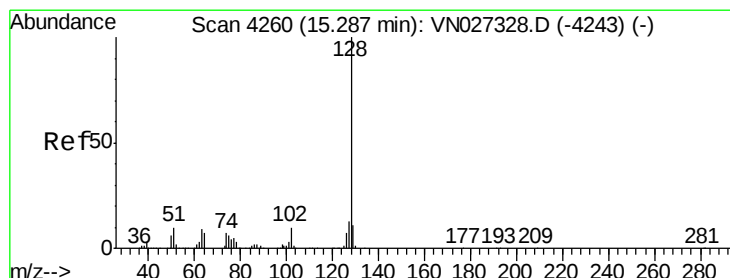
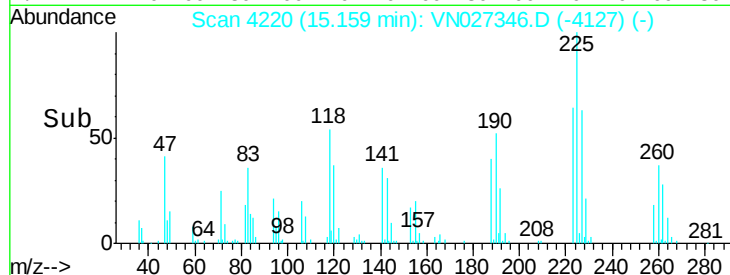
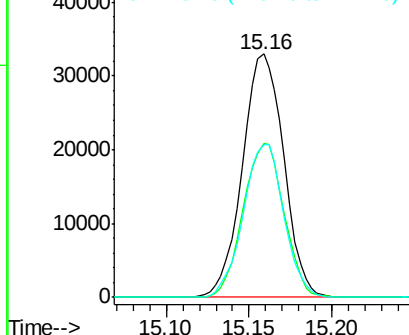
225 100

223 62.5 30.8 92.3

227 61.6 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 19.28 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027346.D

Acq: 21 Sep 2015 23:17

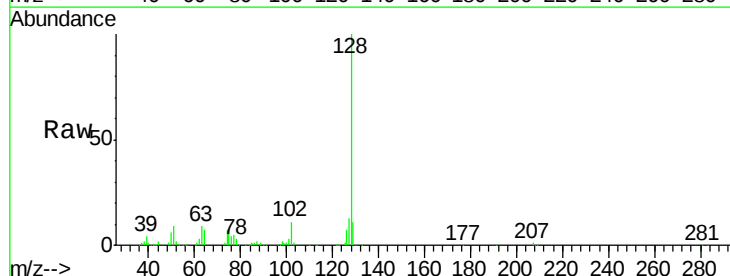
Tgt Ion:128 Resp: 293405

Ion Ratio Lower Upper

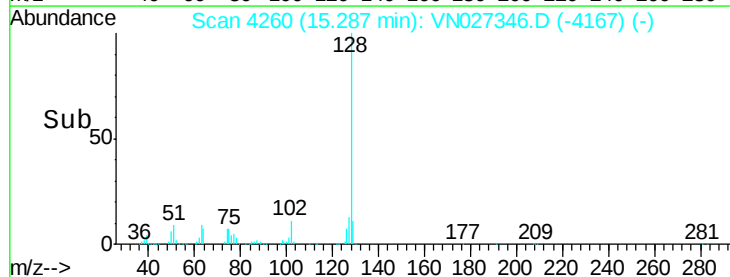
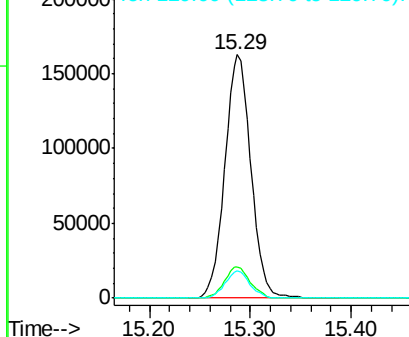
128 100

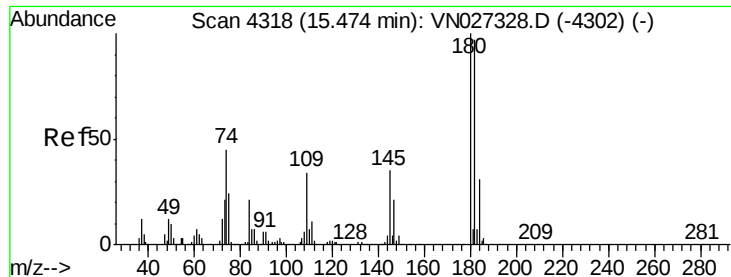
127 12.5 10.4 15.6

129 10.7 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: 19.05 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027346.D
 Acq: 21 Sep 2015 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.8	146.4
145	36.1	16.6	49.8

