

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027331.D
 Acq On : 21 Sep 2015 13:39
 Operator : MD\FY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092115

Quant Time: Sep 22 01:28:17 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	577818	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1109822	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	945709	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	372405	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	516882	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
36) Dibromofluoromethane	7.68	113	323703	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
51) Toluene-d8	10.19	98	1263898	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
63) 4-Bromofluorobenzene	12.52	95	459377	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	296883	49.50	ug/l	99
3) Chlorodifluoromethane	1.82	51	377023	49.64	ug/l	94
4) Chloromethane	2.01	50	335036	48.76	ug/l	100
5) Vinyl Chloride	2.14	62	374014	48.79	ug/l	99
6) Bromomethane	2.54	94	159902	51.22	ug/l	99
7) Chloroethane	2.69	64	237292	48.69	ug/l	98
8) Trichlorofluoromethane	3.02	101	559362	50.25	ug/l	97
9) Diethyl Ether	3.42	74	249663	50.47	ug/l	84
10) 1,1,2-Trichlorotrifluoroet	3.79	101	353611	50.09	ug/l	95
11) Methyl Iodide	3.99	142	225993	41.68	ug/l	92
12) Tert butyl alcohol	4.80	59	233630	258.91	ug/l	98
13) 1,1-Dichloroethene	3.77	96	332500	50.39	ug/l	96
14) Acrolein	3.62	56	330968	282.91	ug/l	97
15) Allyl chloride	4.37	41	645324	50.14	ug/l	# 82
16) Acrylonitrile	5.02	53	857829	261.81	ug/l	98
17) Acetone	3.82	43	806094	261.95	ug/l	96
18) Carbon Disulfide	4.11	76	962330	48.71	ug/l	99
19) Methyl Acetate	4.36	43	1045233	54.75	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	1335336	50.69	ug/l	97
21) Methylene Chloride	4.60	84	402043	49.07	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	358475	49.41	ug/l	99
23) Diisopropyl ether	6.03	45	1403210	50.14	ug/l	89
24) Vinyl Acetate	5.97	43	2402464	255.53	ug/l	98
25) 1,1-Dichloroethane	5.93	63	817131	50.10	ug/l	100
26) 2-Butanone	6.91	43	1103328	273.79	ug/l	95
27) 2,2-Dichloropropane	6.92	77	728839	51.87	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	428871	50.04	ug/l	95
29) Bromochloromethane	7.29	49	323908	50.62	ug/l	98
30) Tetrahydrofuran	7.31	42	674570	264.07	ug/l	89
31) Chloroform	7.45	83	775142	50.60	ug/l	99
32) Cyclohexane	7.77	56	734515	50.62	ug/l	94
33) 1,1,1-Trichloroethane	7.67	97	682443	50.28	ug/l	97
37) 1,1-Dichloropropene	7.89	75	582693	48.71	ug/l	98
38) Ethyl Acetate	7.02	43	475584	51.49	ug/l	98

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Quant Time: Sep 22 01:28:17 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)
39) Carbon Tetrachloride	7.88	117	552713	49.10	ug/l	98
40) Methylcyclohexane	9.19	83	684966	48.21	ug/l	98
41) Benzene	8.14	78	1688125	48.63	ug/l	100
42) Methacrylonitrile	7.24	41	275624	50.55	ug/l #	90
43) 1,2-Dichloroethane	8.22	62	694420	49.07	ug/l	95
44) Isopropyl Acetate	8.25	43	901746	51.08	ug/l	99
45) Trichloroethene	8.93	130	337366	48.51	ug/l	90
46) 1,2-Dichloropropane	9.22	63	477322	49.13	ug/l	100
47) Dibromomethane	9.31	93	284655	48.81	ug/l	93
48) Bromodichloromethane	9.49	83	613133	49.58	ug/l	99
49) Methyl methacrylate	9.29	41	434704	52.32	ug/l #	86
50) 1,4-Dioxane	9.30	88	97972	977.03	ug/l	96
52) 4-Methyl-2-Pentanone	10.07	43	2310083	254.43	ug/l	99
53) Toluene	10.26	92	983774	47.91	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	667430	50.55	ug/l	100
55) cis-1,3-Dichloropropene	9.93	75	723289	49.87	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	377146	49.25	ug/l	98
57) Ethyl methacrylate	10.52	69	612201	50.37	ug/l #	89
58) 1,3-Dichloropropane	10.81	76	692593	49.07	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	1393475	258.71	ug/l	98
60) 2-Hexanone	10.84	43	1597371	258.87	ug/l	99
61) Dibromochloromethane	11.00	129	379178	50.56	ug/l	100
62) 1,2-Dibromoethane	11.11	107	363616	49.93	ug/l	99
65) Tetrachloroethene	10.74	164	263996	46.90	ug/l	95
66) Chlorobenzene	11.54	112	984929	48.58	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	339623	49.91	ug/l	99
68) Ethyl Benzene	11.62	91	1887651	49.35	ug/l	99
69) m/p-Xylenes	11.73	106	1303690	98.32	ug/l	90
70) o-Xylene	12.06	106	643540	48.03	ug/l	88
71) Styrene	12.07	104	1082980	50.77	ug/l	94
72) Bromoform	12.24	173	229716	50.32	ug/l #	100
74) Isopropylbenzene	12.36	105	1773339	47.53	ug/l	98
75) N-amyl acetate	12.17	43	753720	50.92	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	492066	46.86	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	688462	73.63	ug/l	55
78) Bromobenzene	12.64	156	346486	47.46	ug/l	93
79) n-propylbenzene	12.71	91	2124728	47.75	ug/l	97
80) 2-Chlorotoluene	12.79	91	1258084	46.25	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1422256	47.16	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	178244	48.89	ug/l	93
83) 4-Chlorotoluene	12.89	91	1259538	47.45	ug/l	95
84) tert-Butylbenzene	13.11	119	1139062	46.84	ug/l	87
85) 1,2,4-Trimethylbenzene	13.16	105	1429801	47.67	ug/l	94
86) sec-Butylbenzene	13.29	105	1749127	48.29	ug/l	99
87) p-Isopropyltoluene	13.41	119	1322882	48.71	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	614996	48.82	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	603754	47.36	ug/l	95
90) n-Butylbenzene	13.74	91	1352632	49.87	ug/l	98
91) Hexachloroethane	14.01	117	275666	47.47	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	600279	47.70	ug/l	96

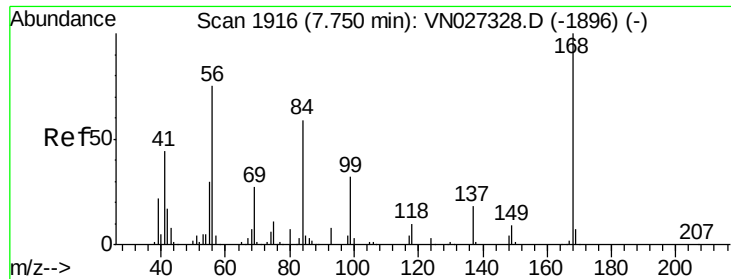
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	100616	48.89	ug/l	86
94) 1,2,4-Trichlorobenzene	15.05	180	335976	51.66	ug/l	98
95) Hexachlorobutadiene	15.16	225	168869	47.39	ug/l	98
96) Naphthalene	15.29	128	931798	47.02	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	329248	50.81	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

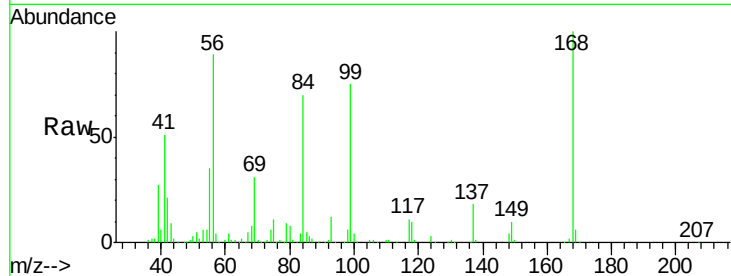
ICVVN092115

Tgt Ion:168 Resp: 577818

Ion Ratio Lower Upper

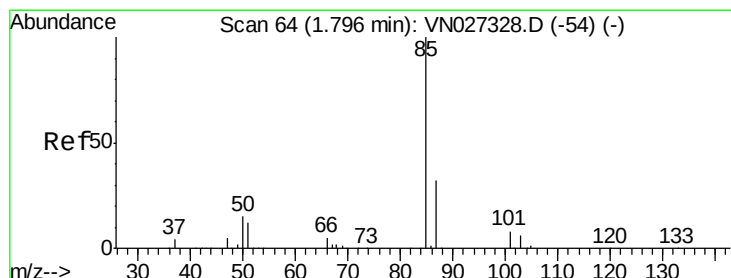
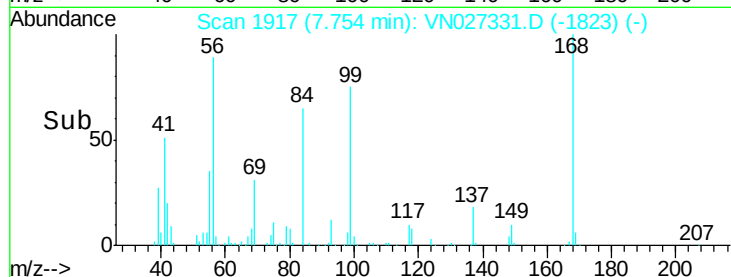
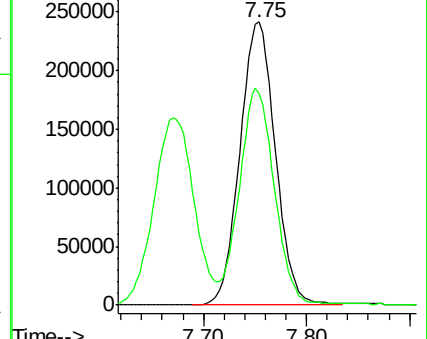
168 100

99 74.1 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: 49.50 ug/l

RT: 1.80 min Scan# 64

Delta R.T. 0.00 min

Lab File: VN027331.D

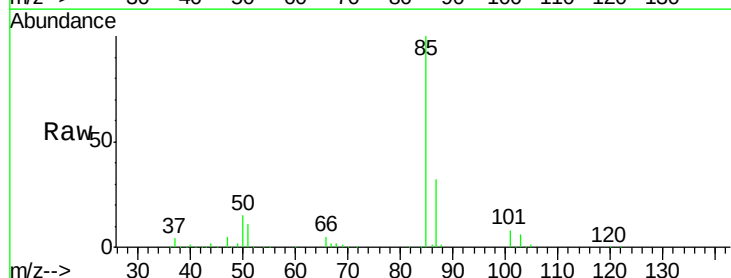
Acq: 21 Sep 2015 13:39

Tgt Ion: 85 Resp: 296883

Ion Ratio Lower Upper

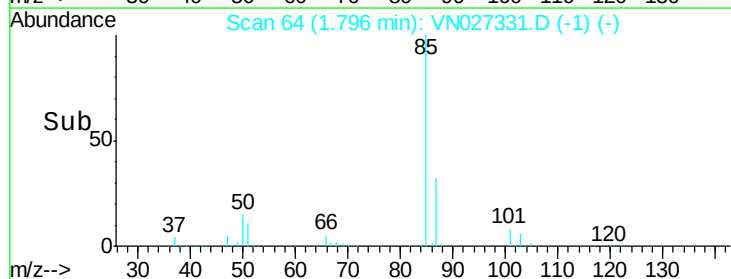
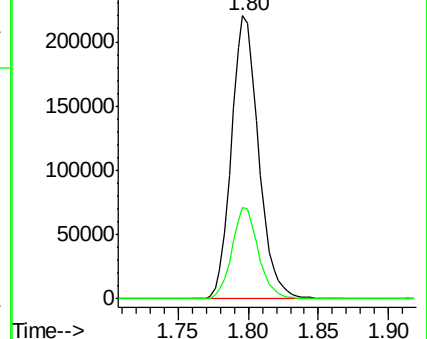
85 100

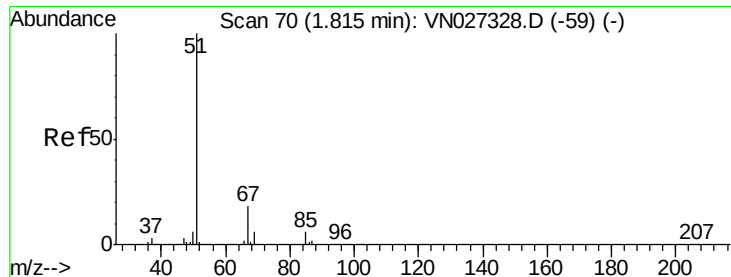
87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chlorodifluoromethane

Concen: 49.64 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

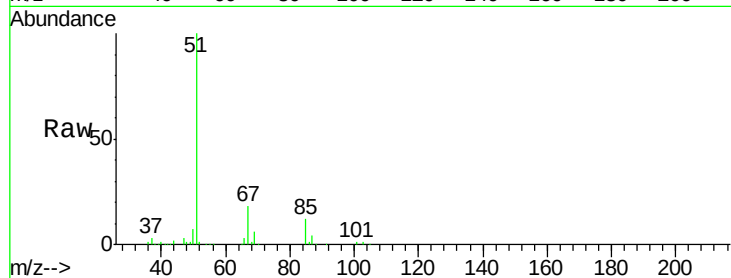
ICVVN092115

Tgt Ion: 51 Resp: 377023

Ion Ratio Lower Upper

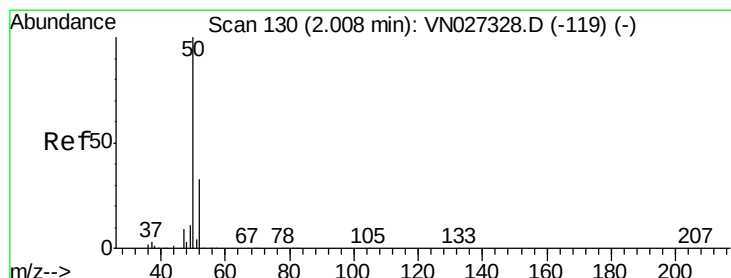
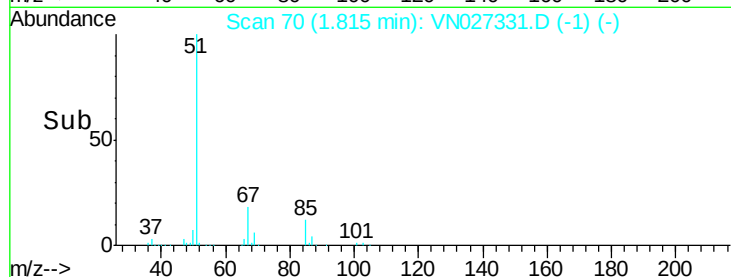
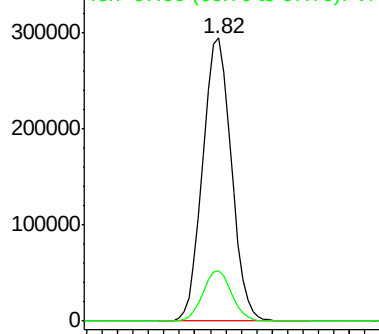
51 100

67 17.9 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 48.76 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027331.D

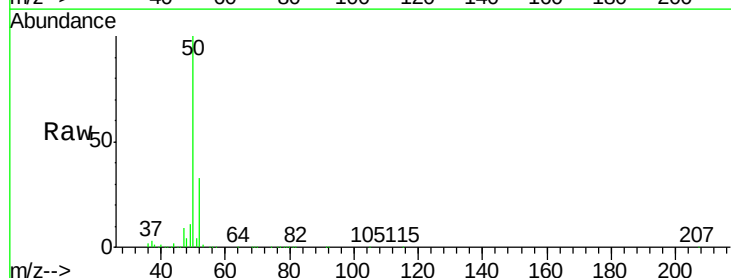
Acq: 21 Sep 2015 13:39

Tgt Ion: 50 Resp: 335036

Ion Ratio Lower Upper

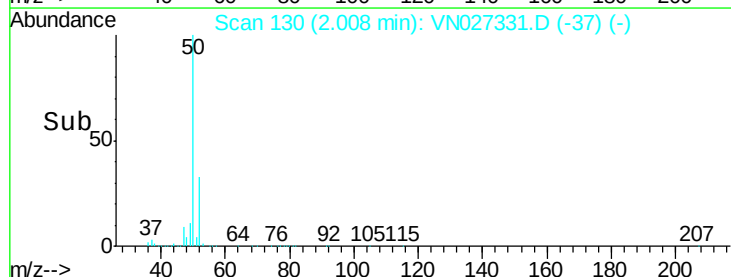
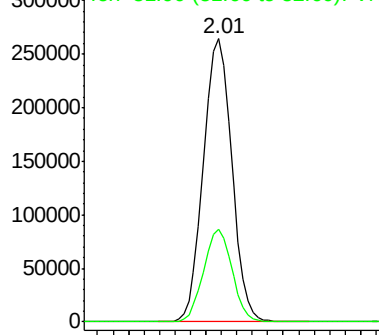
50 100

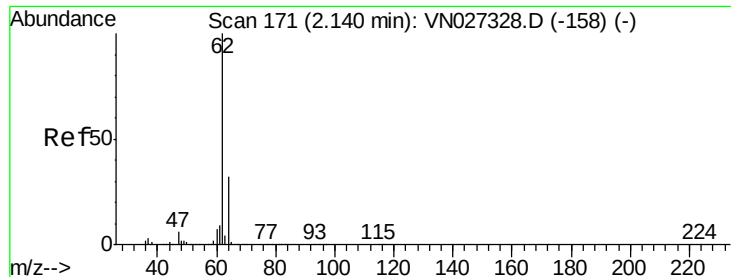
52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 48.79 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

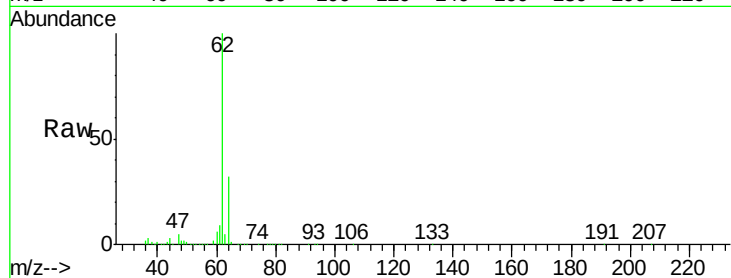
ICVVN092115

Tgt Ion: 62 Resp: 374014

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.14

250000

200000

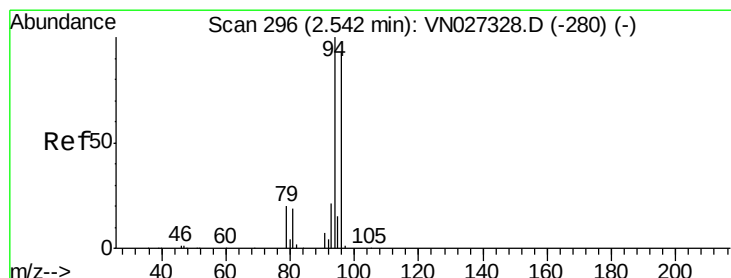
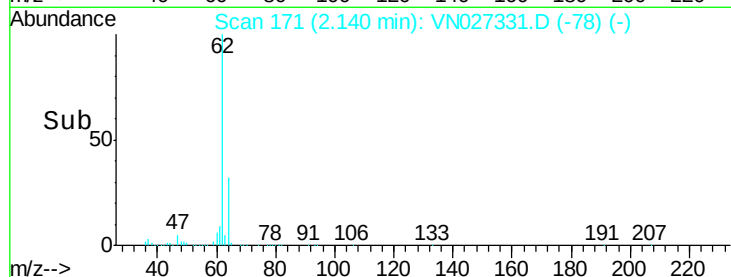
150000

100000

50000

0

Time--> 2.05 2.10 2.15 2.20



#6

Bromomethane

Concen: 51.22 ug/l

RT: 2.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VN027331.D

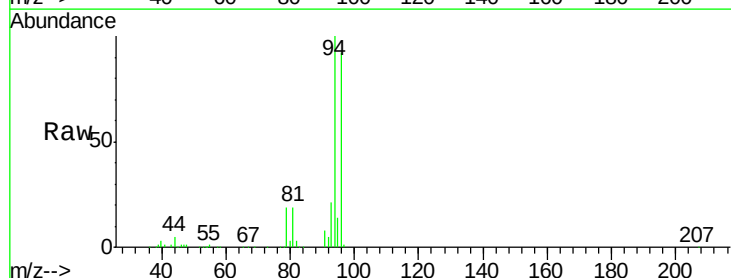
Acq: 21 Sep 2015 13:39

Tgt Ion: 94 Resp: 159902

Ion Ratio Lower Upper

94 100

96 92.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC

2.54

80000

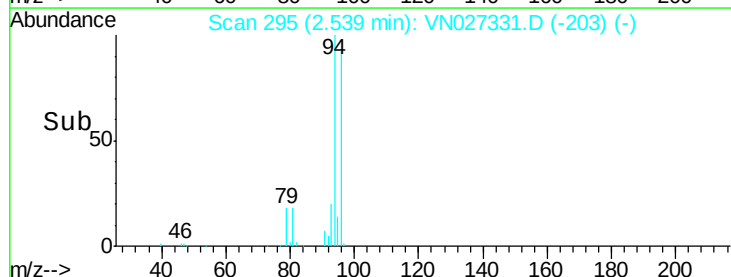
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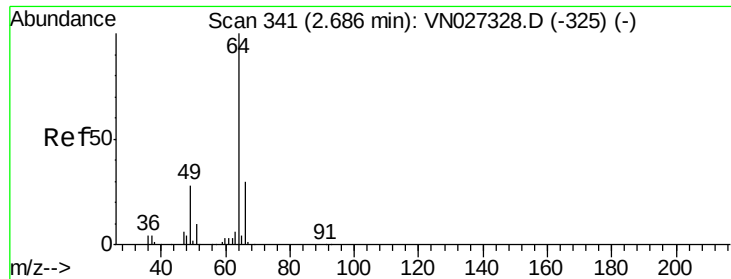
40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65





#7

Chloroethane

Concen: 48.69 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

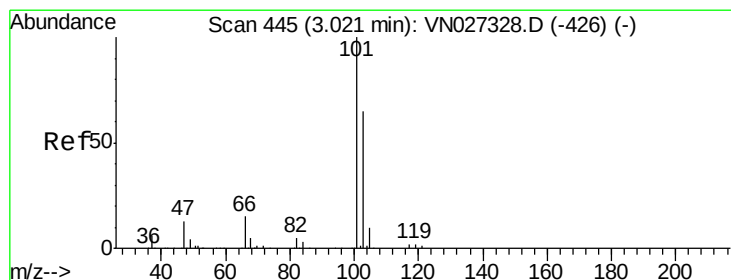
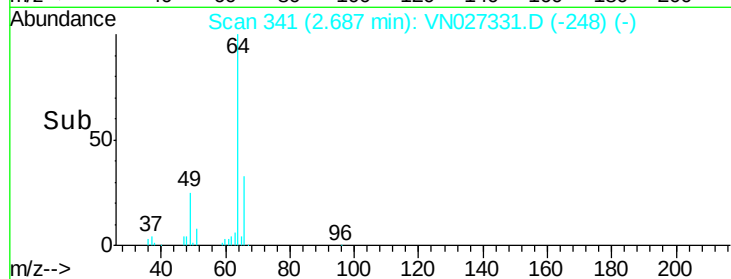
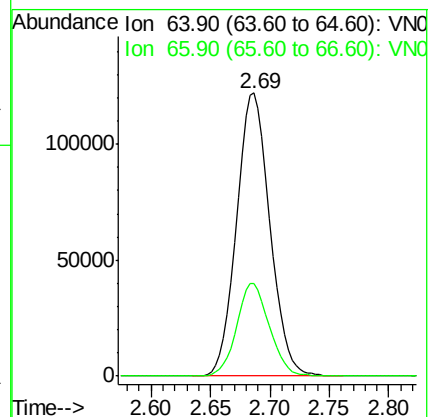
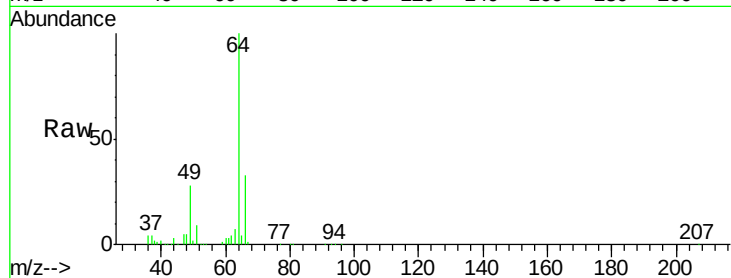
ICVVN092115

Tgt Ion: 64 Resp: 237292

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3



#8

Trichlorofluoromethane

Concen: 50.25 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027331.D

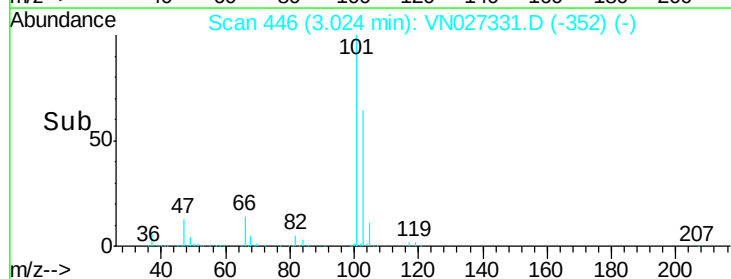
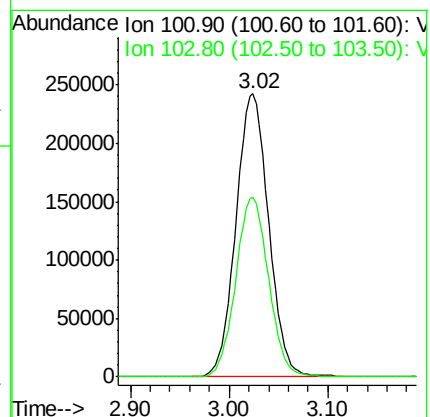
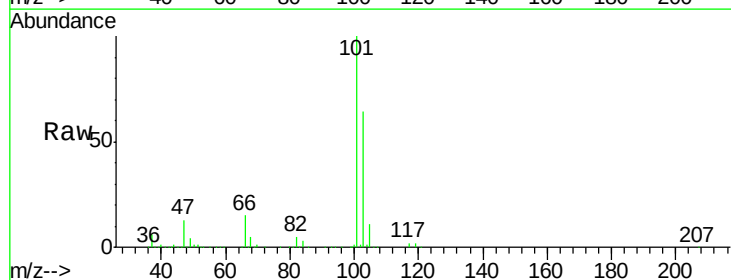
Acq: 21 Sep 2015 13:39

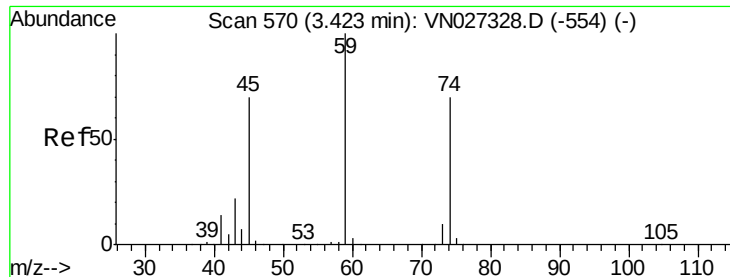
Tgt Ion: 101 Resp: 559362

Ion Ratio Lower Upper

101 100

103 63.7 52.6 79.0





#9

Diethyl Ether

Concen: 50.47 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

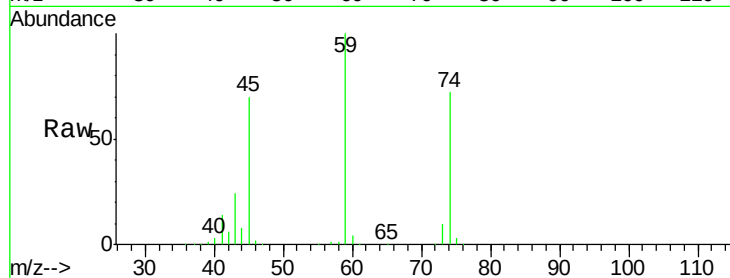
ICVVN092115

Tgt Ion: 74 Resp: 249663

Ion Ratio Lower Upper

74 100

45 98.9 58.1 174.3



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

120000

100000

80000

60000

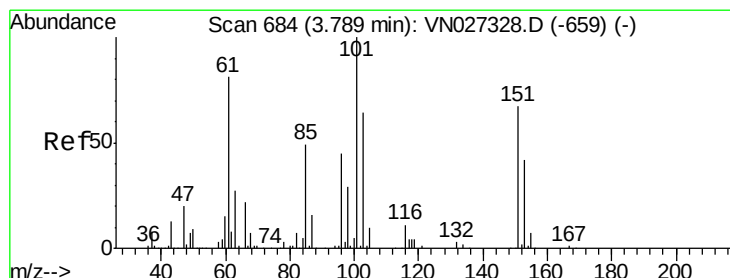
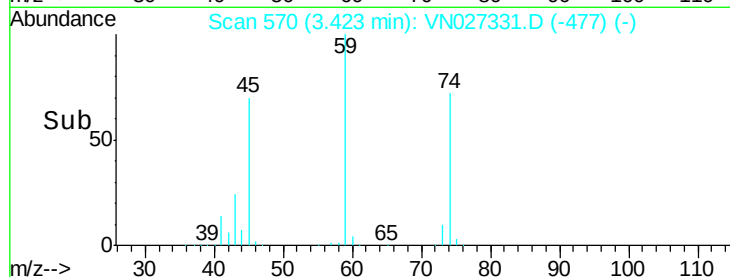
40000

20000

0

3.35 3.40 3.45 3.50

Time-->



#10

1,1,2-Trichlorotrifluoroethane

Concen: 50.09 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

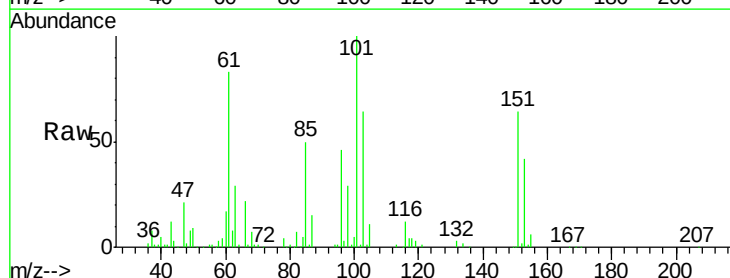
Tgt Ion: 101 Resp: 353611

Ion Ratio Lower Upper

101 100

85 49.0 37.4 56.0

151 65.2 55.9 83.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

150000

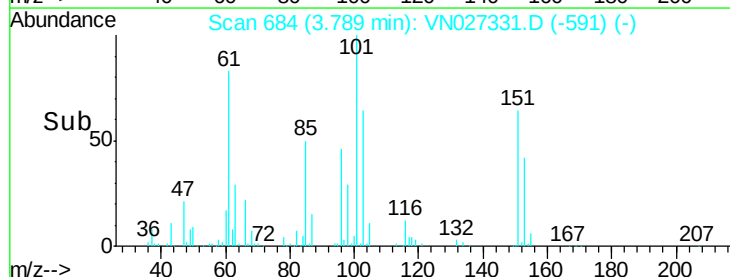
100000

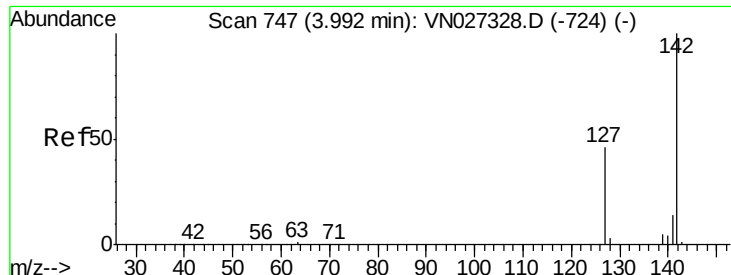
50000

0

3.70 3.80 3.90

Time-->

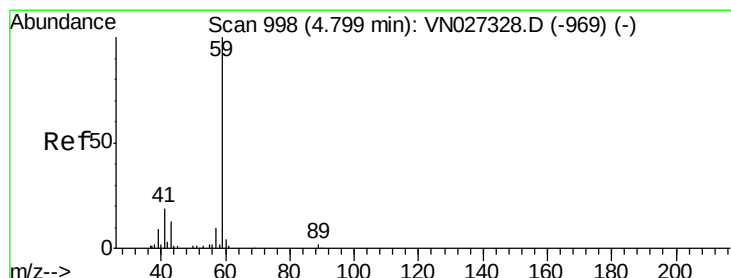
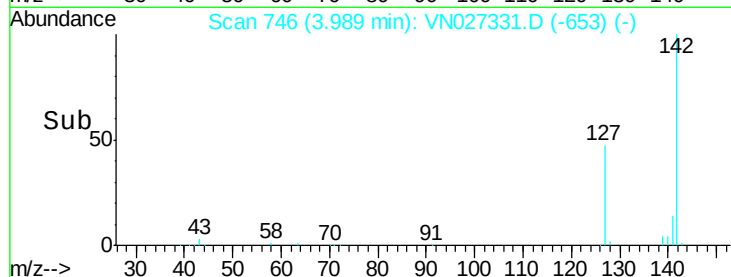
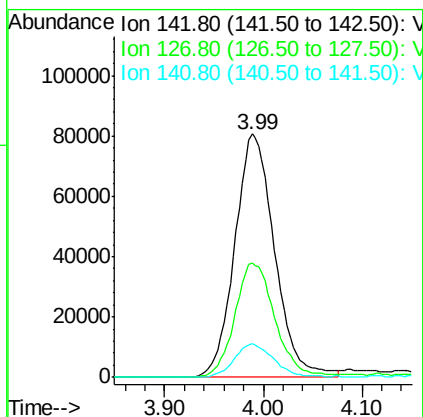
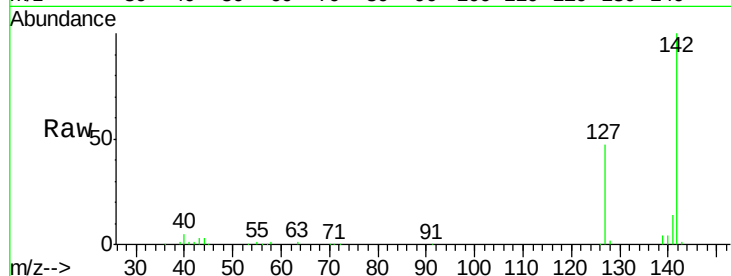




#11
Methyl Iodide
Concen: 41.68 ug/l
RT: 3.99 min Scan# 746
Delta R.T. -0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

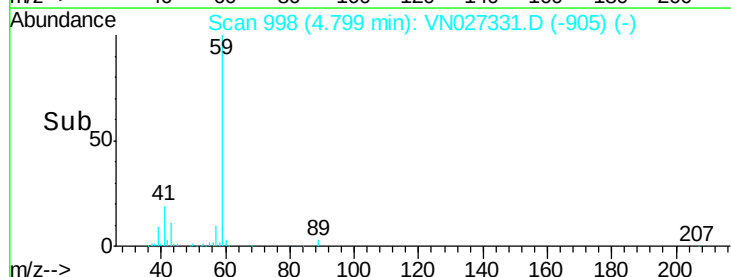
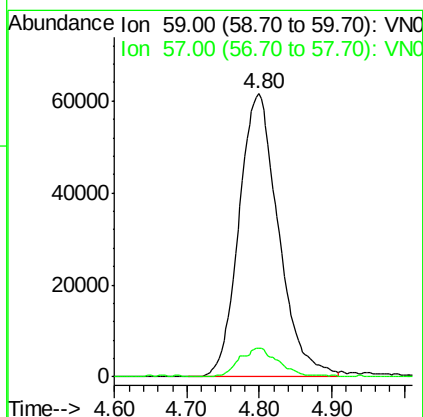
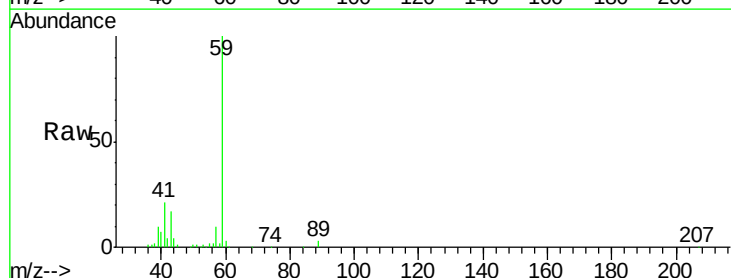
Instrument :
MSVOA_N
ClientSampled :
ICVVN092115

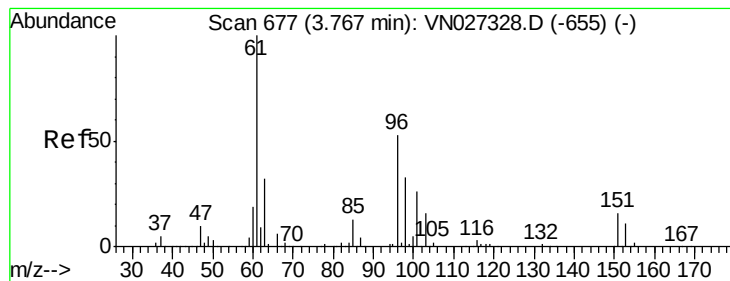
Tgt Ion:142 Resp: 225993
Ion Ratio Lower Upper
142 100
127 47.2 32.3 48.5
141 13.8 11.2 16.8



#12
Tert butyl alcohol
Concen: 258.91 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

Tgt Ion: 59 Resp: 233630
Ion Ratio Lower Upper
59 100
57 10.2 7.6 11.4





#13

1,1-Dichloroethene

Concen: 50.39 ug/l

RT: 3.77 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

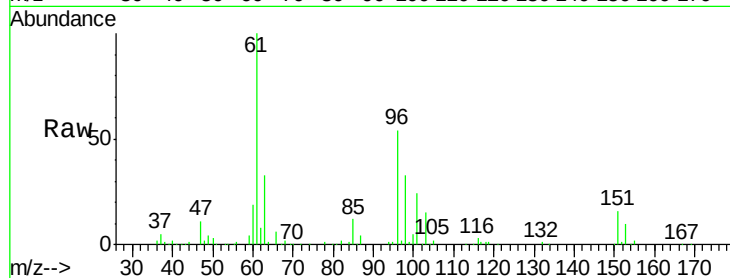
Tgt Ion: 96 Resp: 332500

Ion Ratio Lower Upper

96 100

61 186.8 143.8 215.8

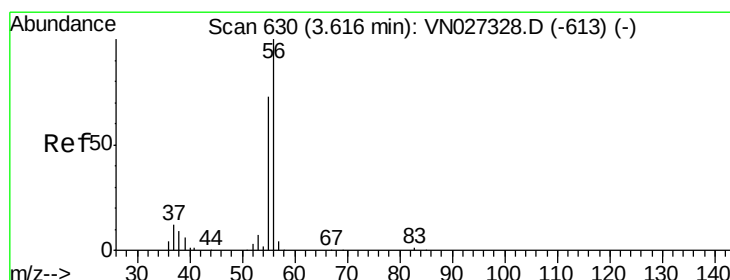
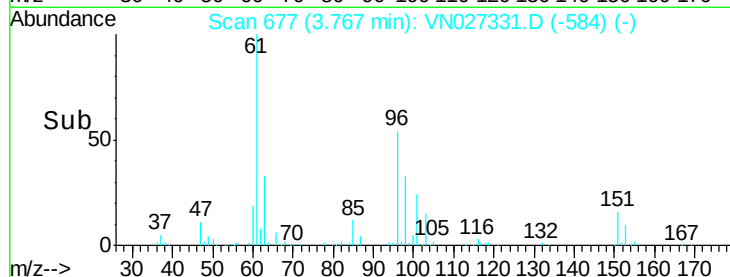
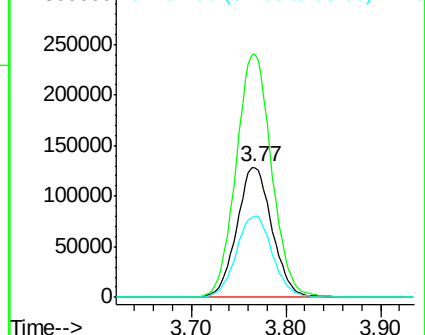
98 62.5 50.3 75.5



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: 282.91 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN027331.D

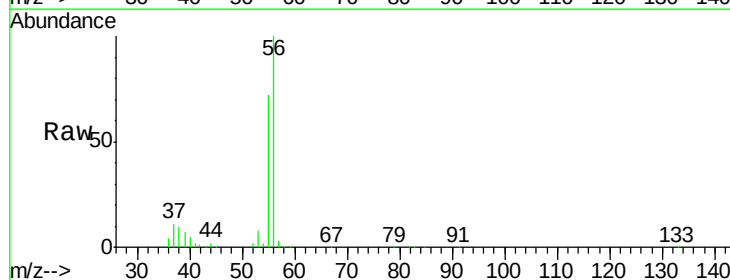
Acq: 21 Sep 2015 13:39

Tgt Ion: 56 Resp: 330968

Ion Ratio Lower Upper

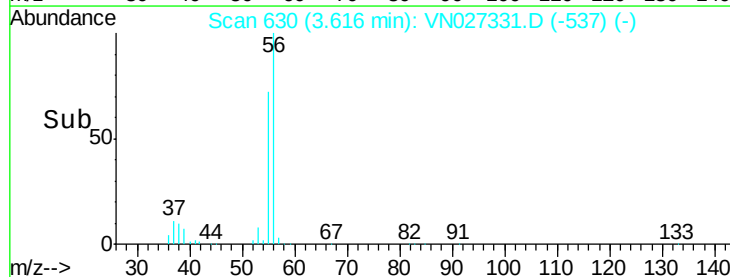
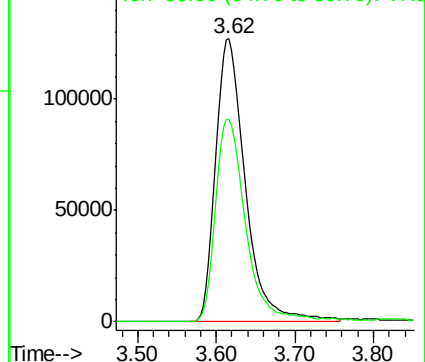
56 100

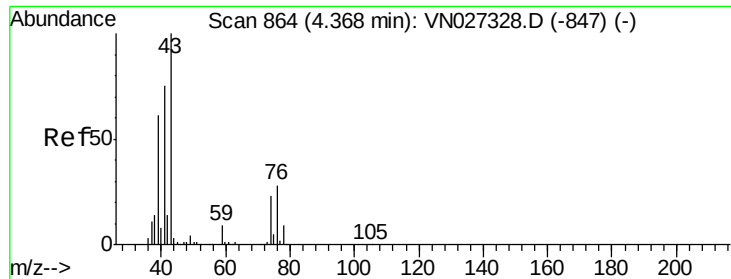
55 71.7 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#15

Allyl chloride

Concen: 50.14 ug/l

RT: 4.37 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

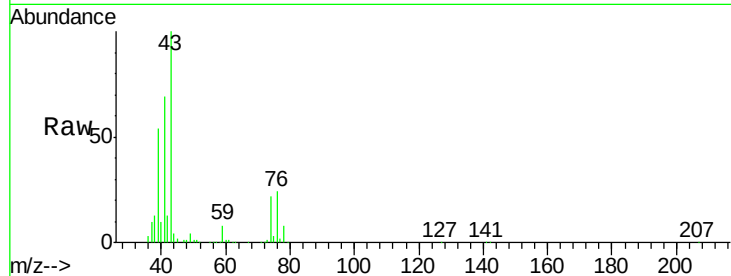
Tgt Ion: 41 Resp: 645324

Ion Ratio Lower Upper

41 100

39 80.0 49.7 74.5#

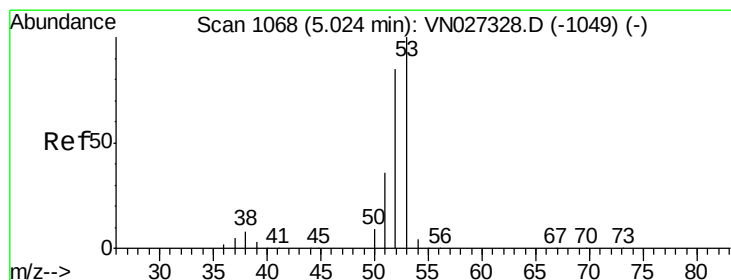
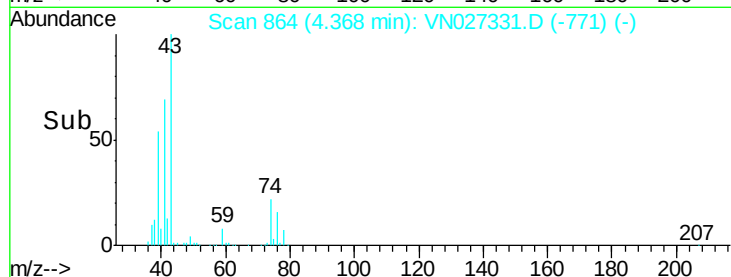
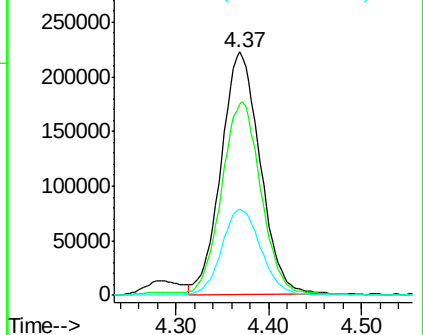
76 35.2 24.8 37.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acrylonitrile

Concen: 261.81 ug/l

RT: 5.02 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

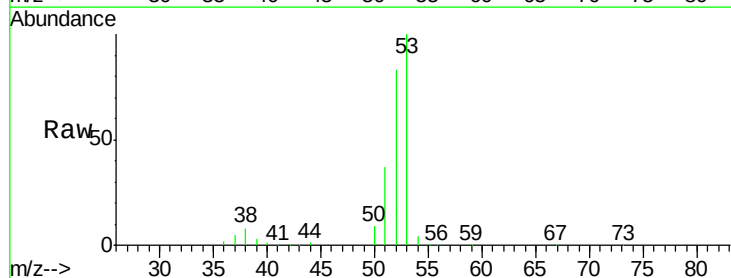
Tgt Ion: 53 Resp: 857829

Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

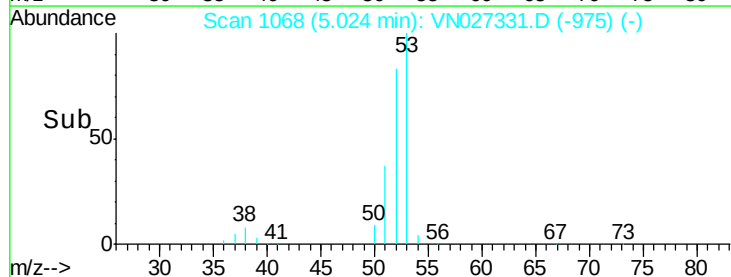
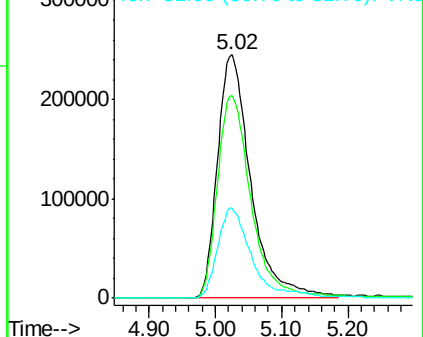
51 37.6 27.4 41.0

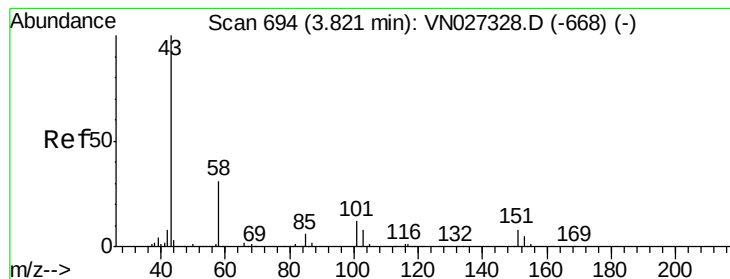


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#17

Acetone

Concen: 261.95 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

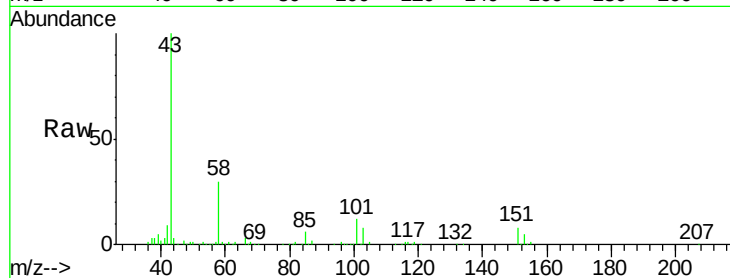
ICVVN092115

Tgt Ion: 43 Resp: 806094

Ion Ratio Lower Upper

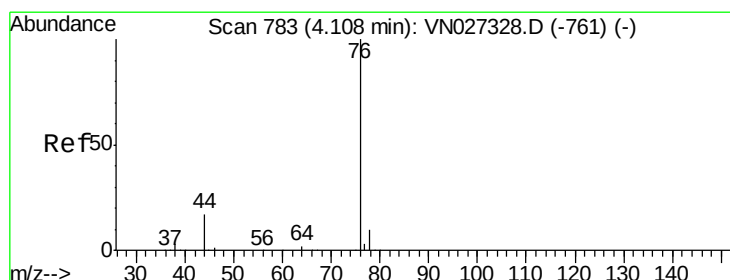
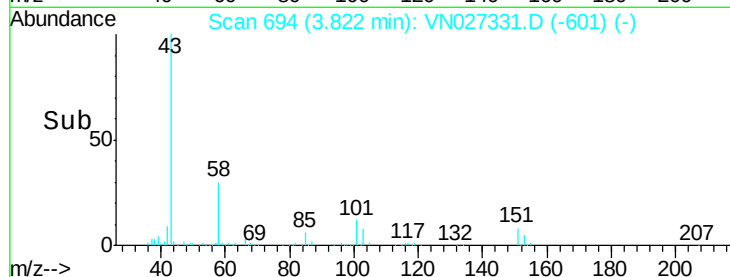
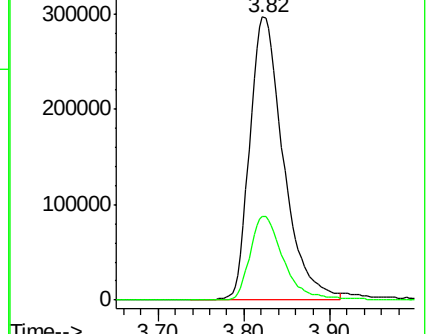
43 100

58 29.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 48.71 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027331.D

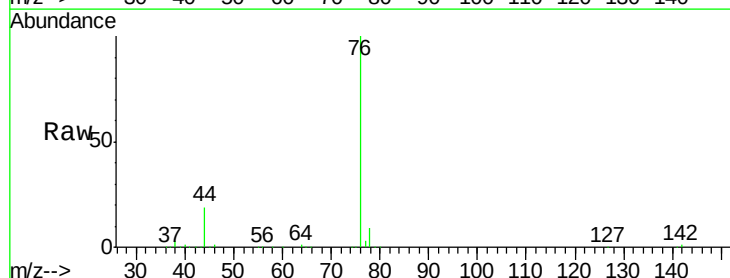
Acq: 21 Sep 2015 13:39

Tgt Ion: 76 Resp: 962330

Ion Ratio Lower Upper

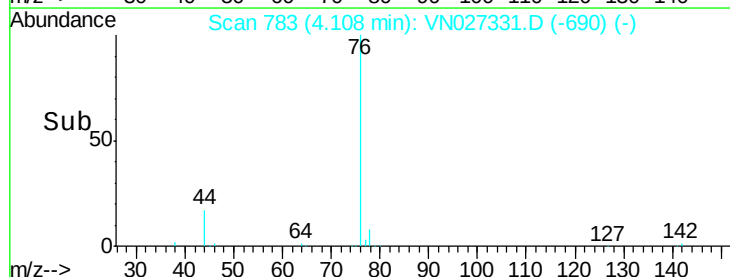
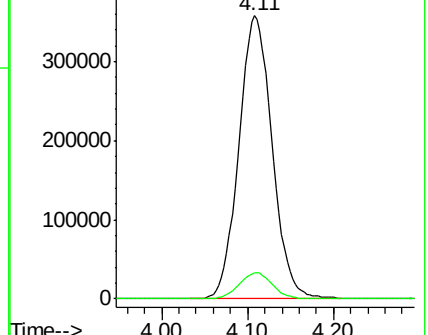
76 100

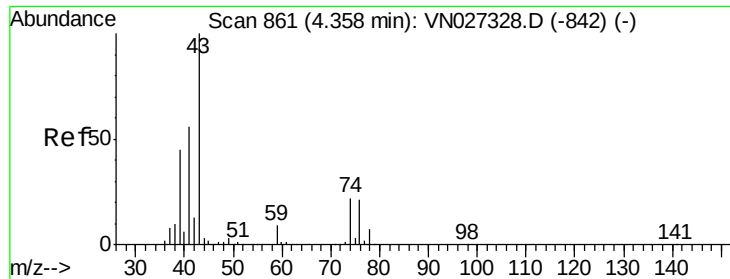
78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

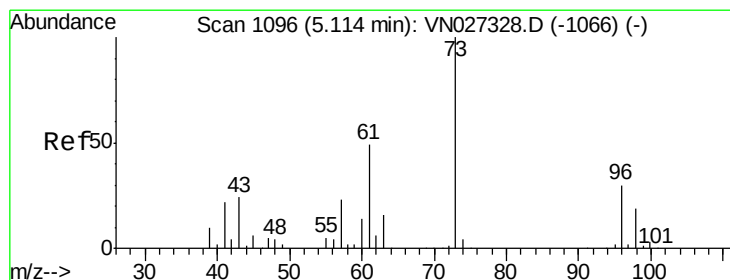
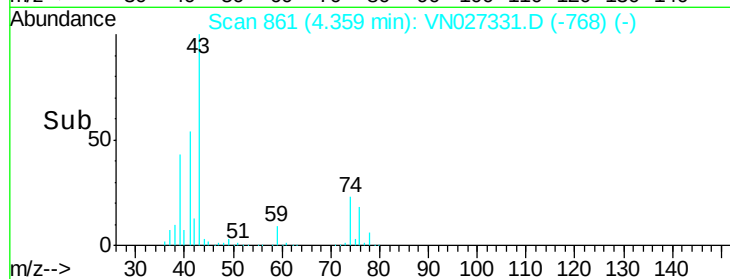
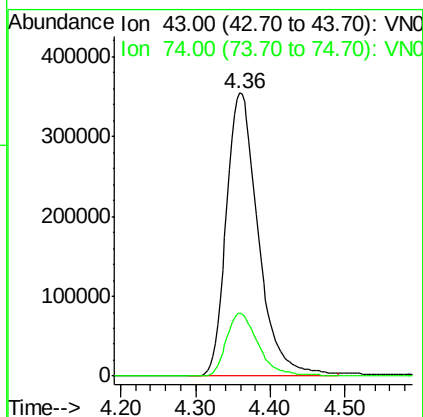
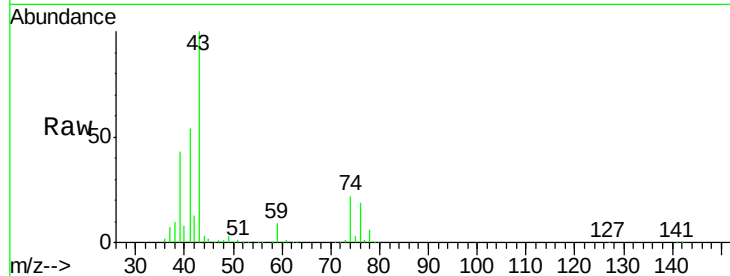




#19
Methyl Acetate
Concen: 54.75 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

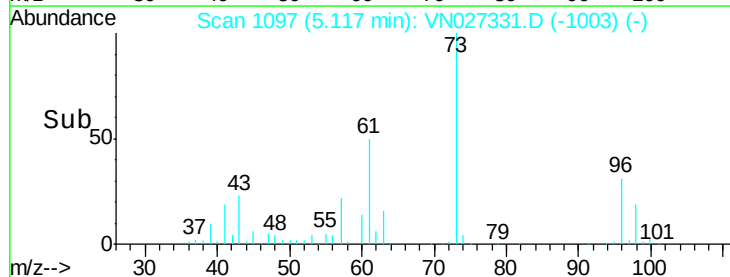
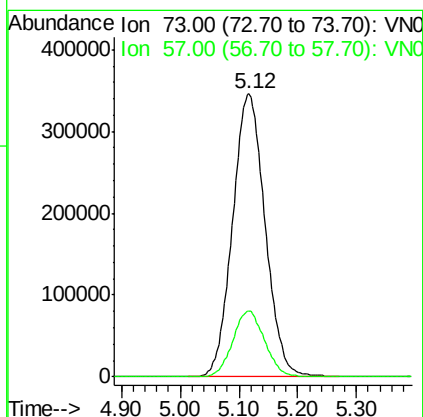
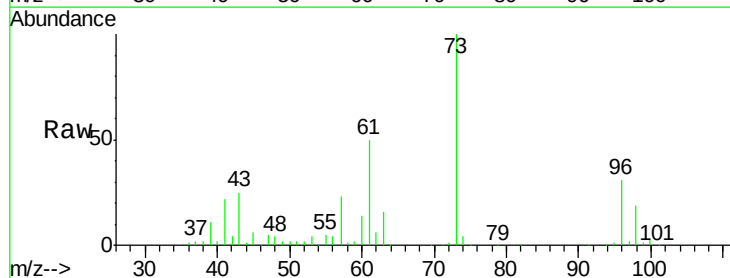
Instrument :
MSVOA_N
ClientSampleId :
ICVFN092115

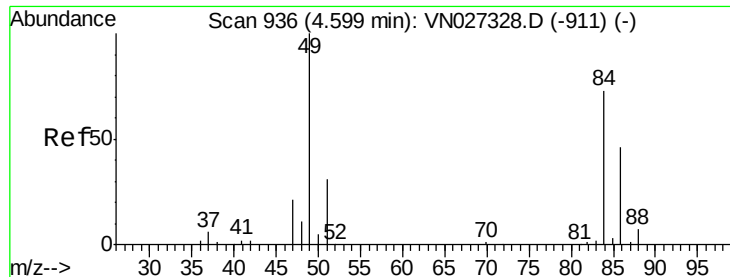
Tgt Ion: 43 Resp: 1045233
Ion Ratio Lower Upper
43 100
74 22.5 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 50.69 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

Tgt Ion: 73 Resp: 1335336
Ion Ratio Lower Upper
73 100
57 23.3 19.8 29.6

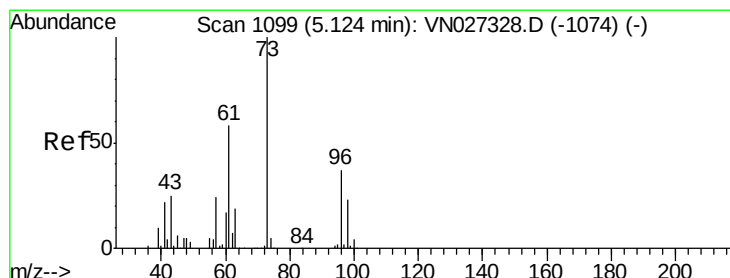
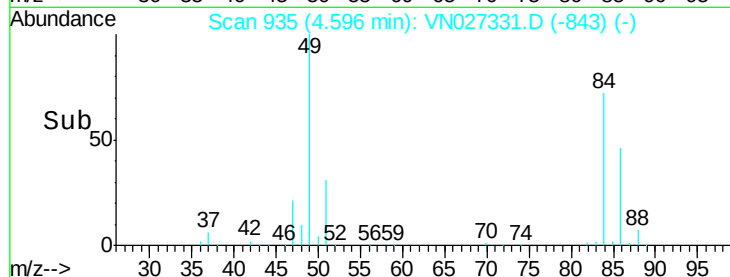
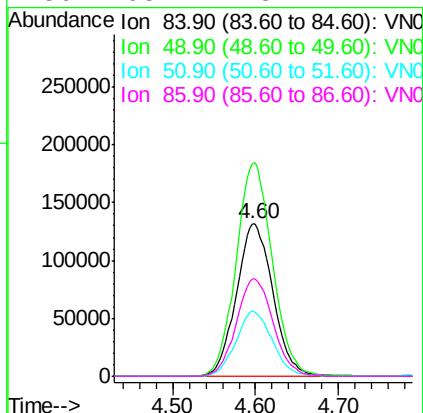
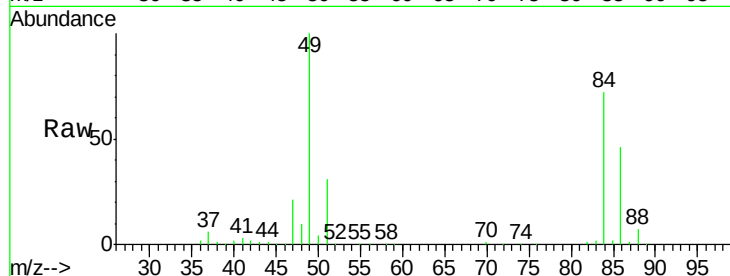




#21
Methylene Chloride
Concen: 49.07 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

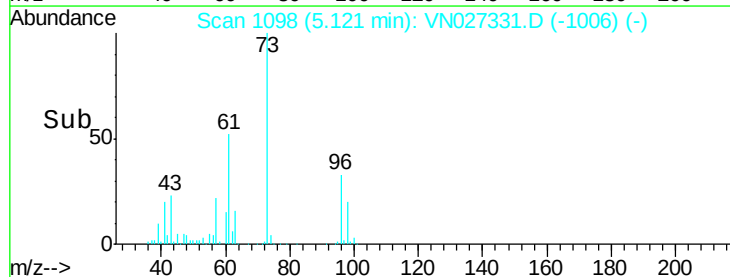
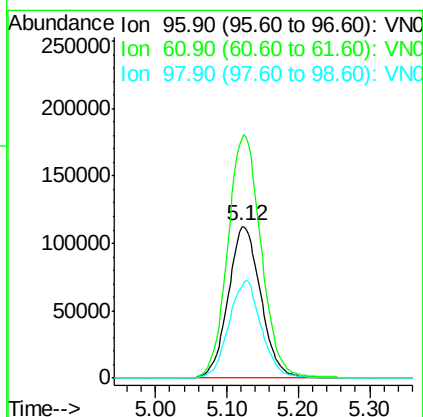
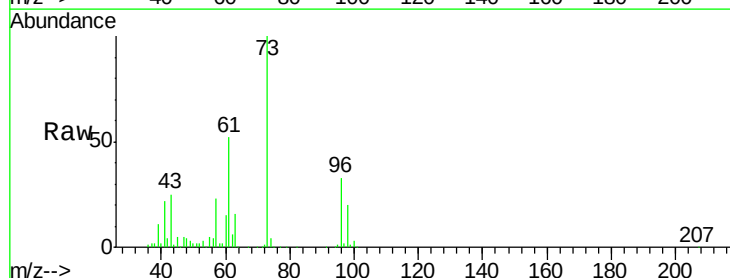
Instrument :
MSVOA_N
ClientSampleId :
ICVFN092115

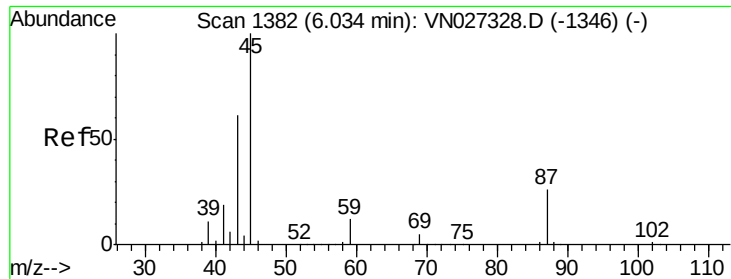
Tgt Ion: 84 Resp: 402043
Ion Ratio Lower Upper
84 100
49 138.8 112.3 168.5
51 42.5 33.8 50.8
86 63.7 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 49.41 ug/l
RT: 5.12 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

Tgt Ion: 96 Resp: 358475
Ion Ratio Lower Upper
96 100
61 158.1 126.6 189.8
98 60.6 47.4 71.2



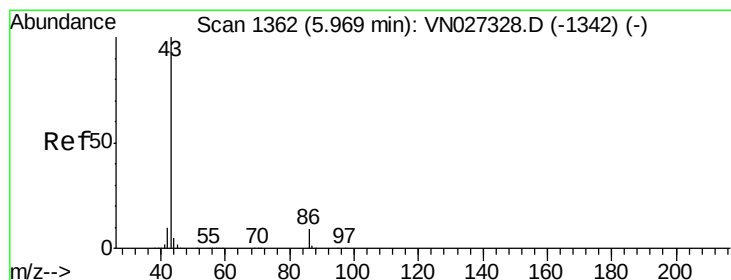
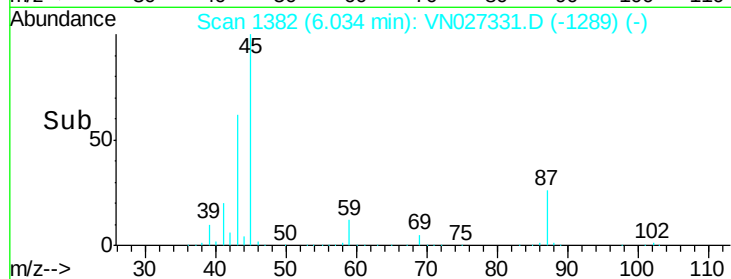
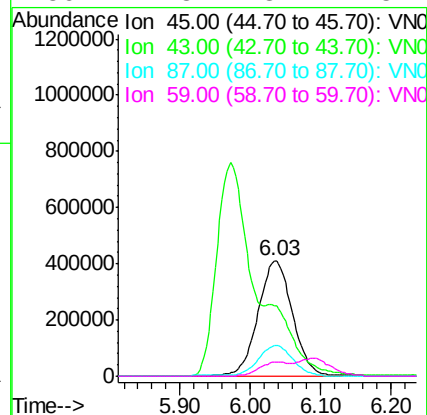
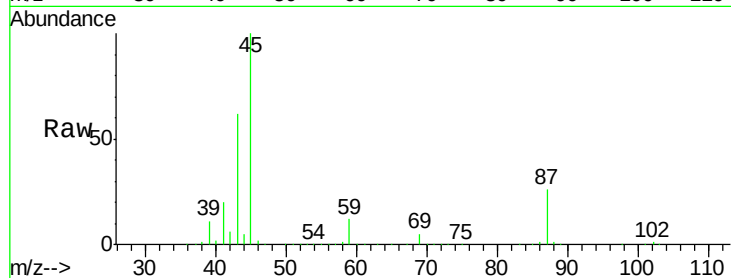


#23
 Diisopropyl ether
 Concen: 50.14 ug/l
 RT: 6.03 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

Tgt Ion: 45 Resp: 1403210

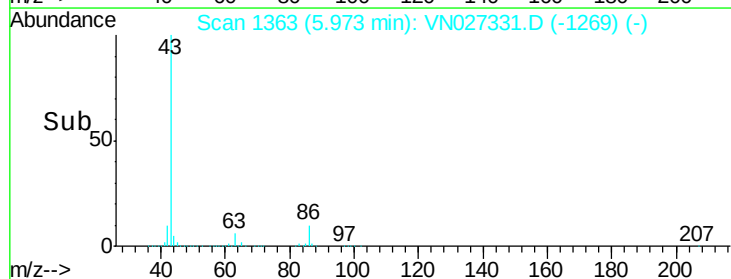
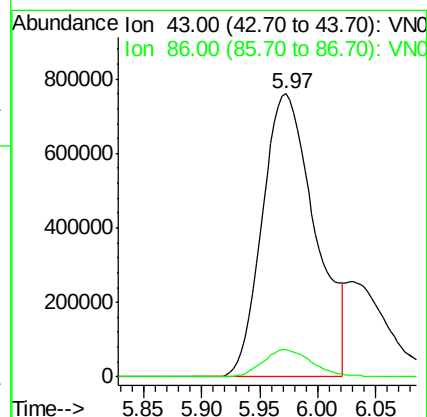
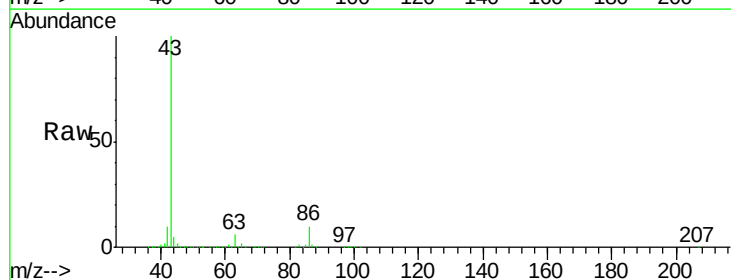
Ion	Ratio	Lower	Upper
45	100		
43	61.2	41.0	61.6
87	26.0	17.5	26.3
59	11.8	8.7	13.1

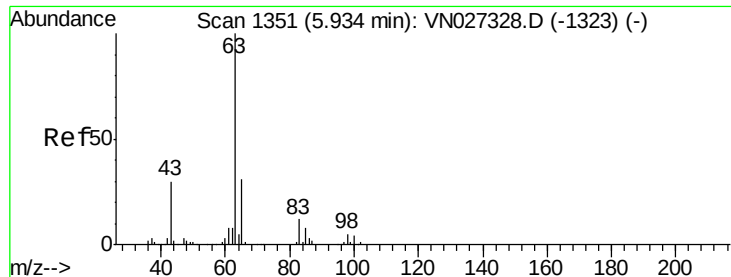


#24
 Vinyl Acetate
 Concen: 255.53 ug/l
 RT: 5.97 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 43 Resp: 2402464

Ion	Ratio	Lower	Upper
43	100		
86	9.5	6.9	10.3





#25

1,1-Dichloroethane

Concen: 50.10 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

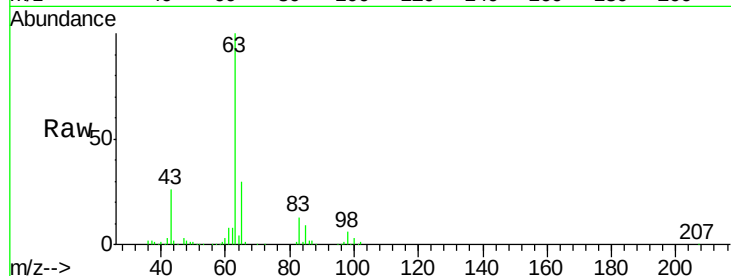
Tgt Ion: 63 Resp: 817131

Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.3

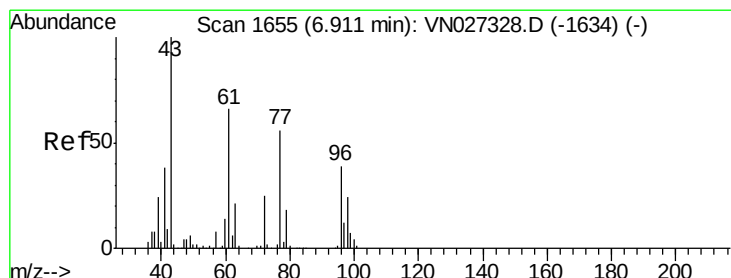
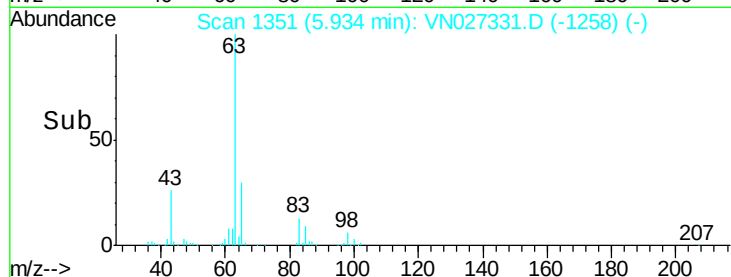
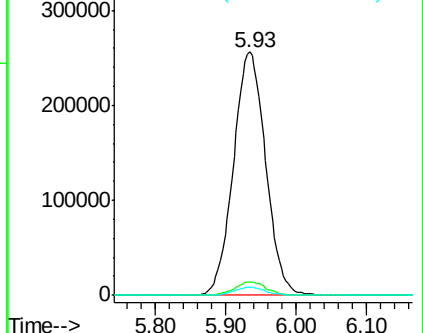
100 3.3 1.7 5.0



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: 273.79 ug/l

RT: 6.91 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VN027331.D

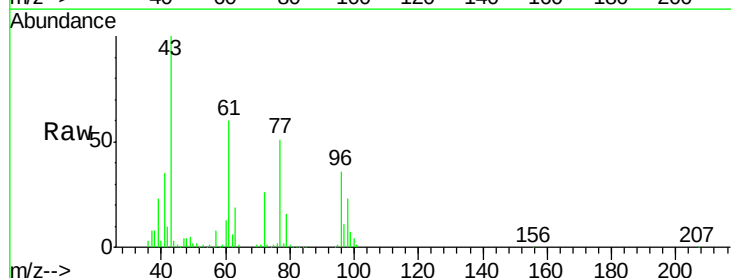
Acq: 21 Sep 2015 13:39

Tgt Ion: 43 Resp: 1103328

Ion Ratio Lower Upper

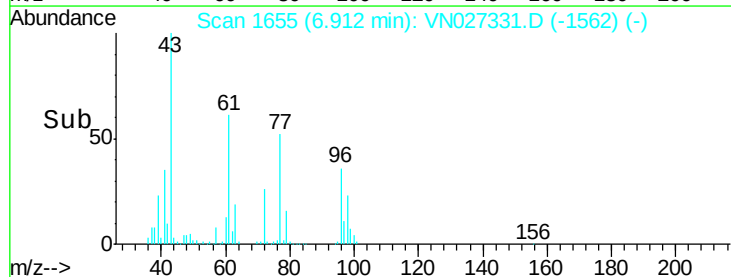
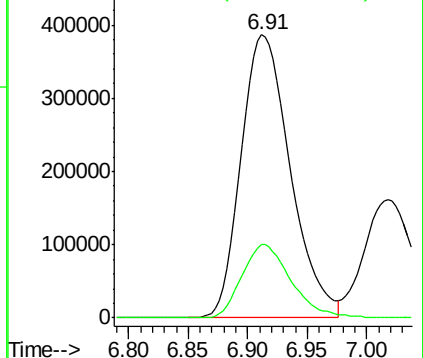
43 100

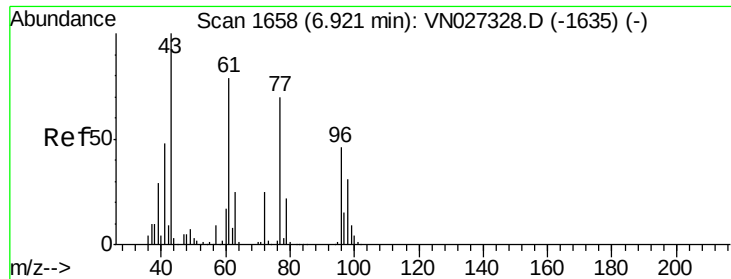
72 25.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#27

2,2-Dichloropropane

Concen: 51.87 ug/l

RT: 6.92 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampled :

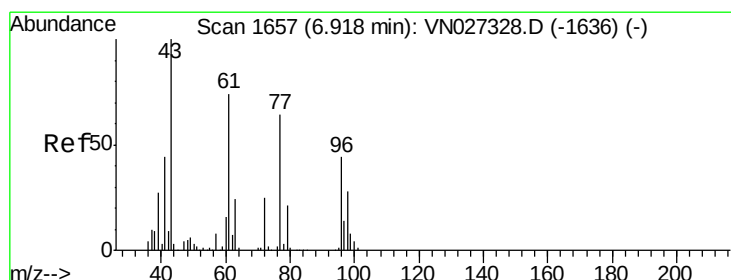
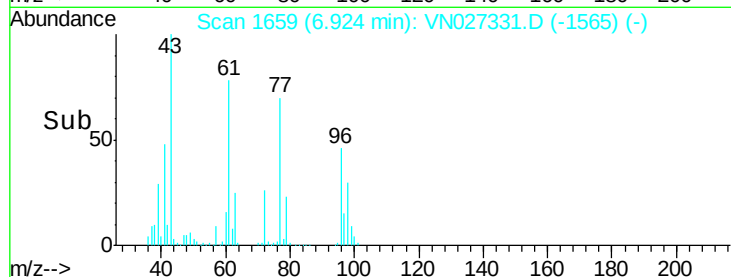
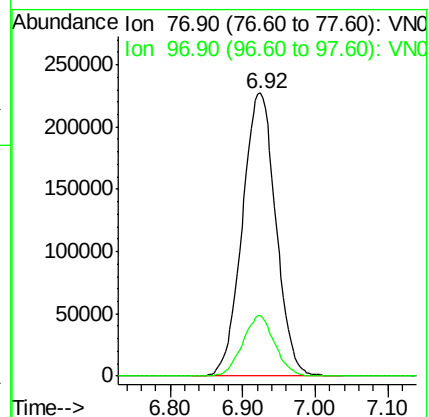
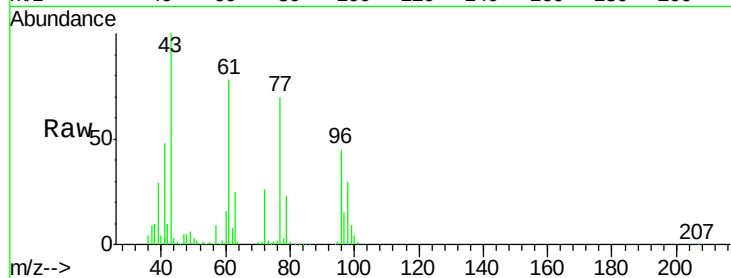
ICVVN092115

Tgt Ion: 77 Resp: 728839

Ion Ratio Lower Upper

77 100

97 20.6 11.8 35.3



#28

cis-1,2-Dichloroethene

Concen: 50.04 ug/l

RT: 6.92 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

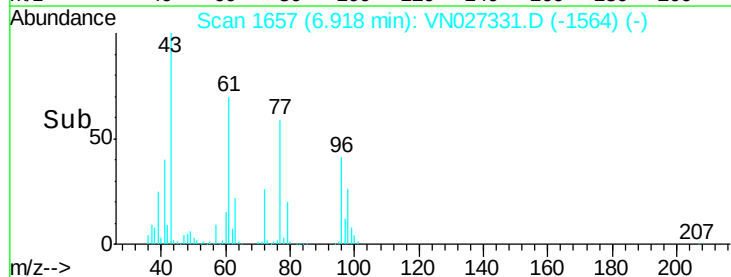
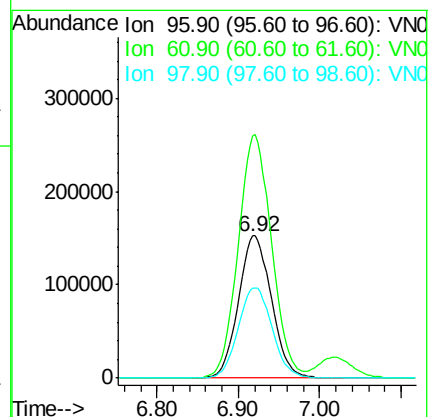
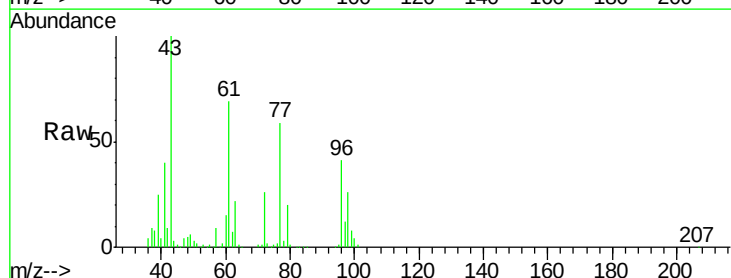
Tgt Ion: 96 Resp: 428871

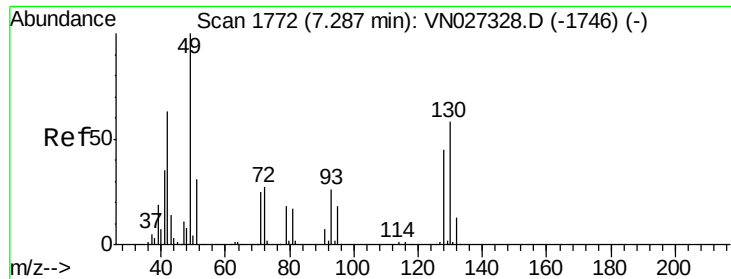
Ion Ratio Lower Upper

96 100

61 172.7 0.0 329.2

98 65.0 0.0 126.0

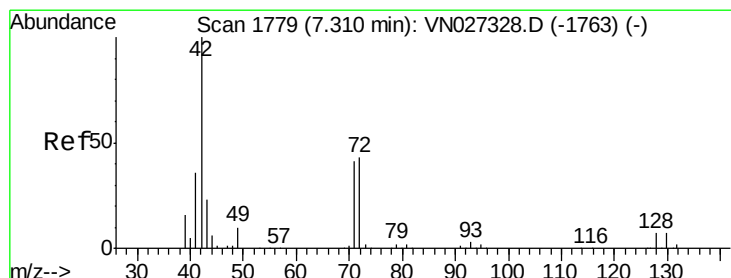
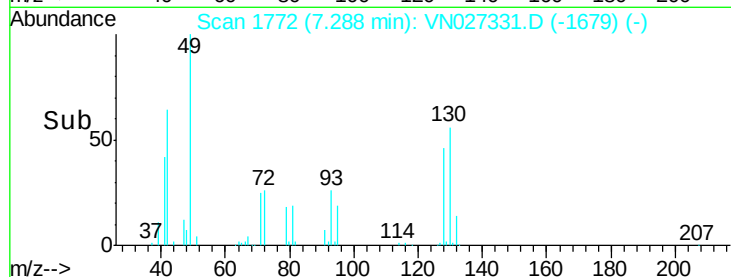
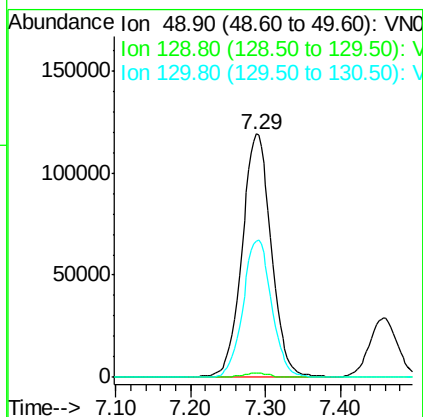
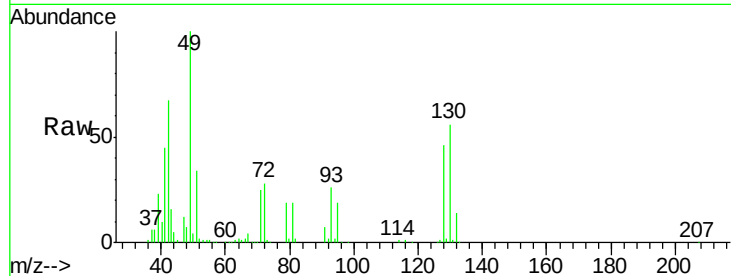




#29
 Bromochloromethane
 Concen: 50.62 ug/l
 RT: 7.29 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

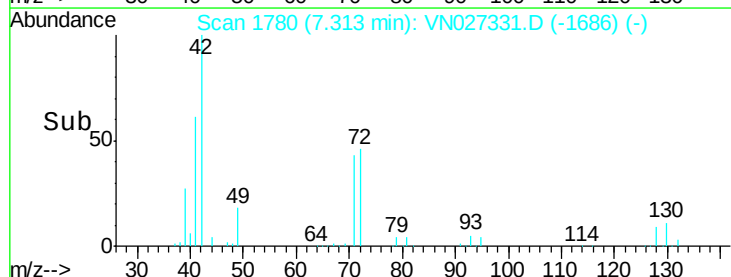
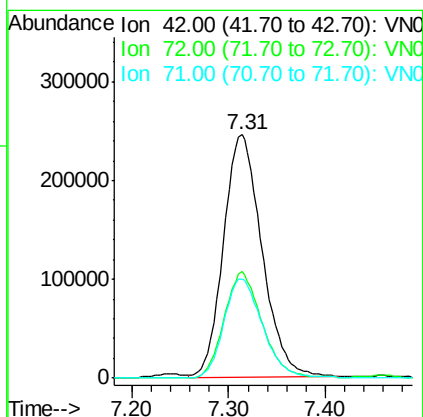
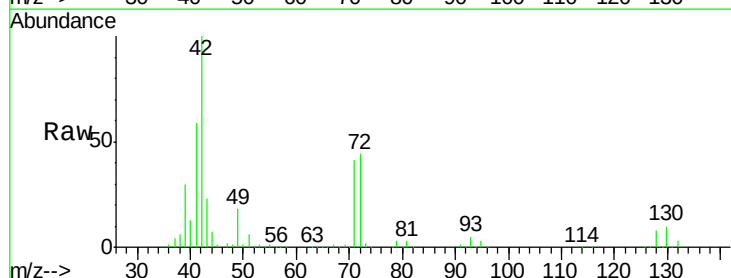
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

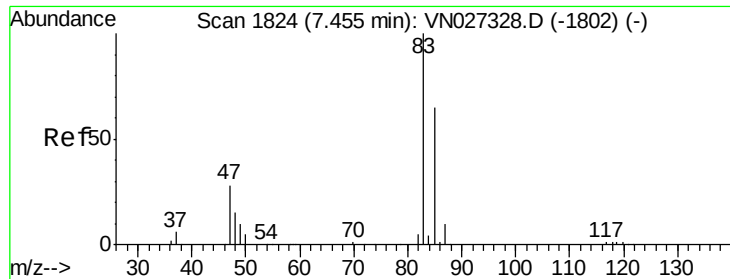
Tgt Ion: 49 Resp: 323908
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.2
 130 55.2 43.2 64.8



#30
 Tetrahydrofuran
 Concen: 264.07 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 42 Resp: 674570
 Ion Ratio Lower Upper
 42 100
 72 43.7 29.9 44.9
 71 41.7 28.3 42.5

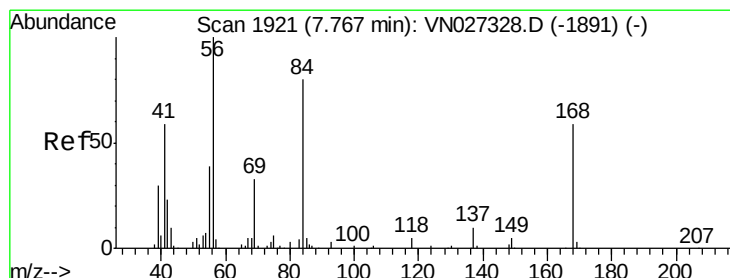
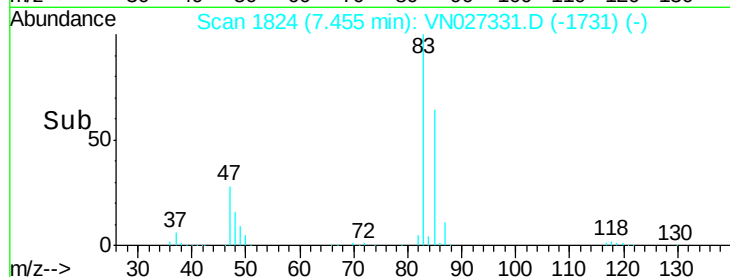
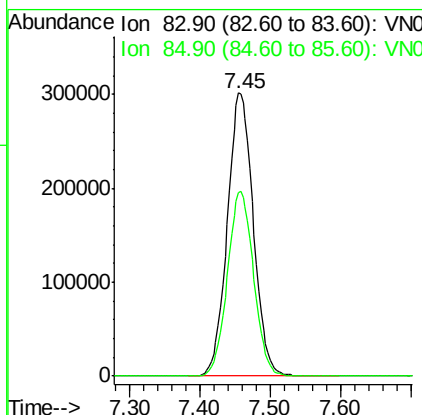
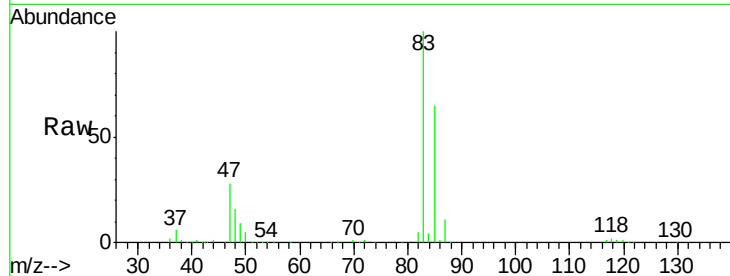




#31
 Chloroform
 Concen: 50.60 ug/l
 RT: 7.45 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

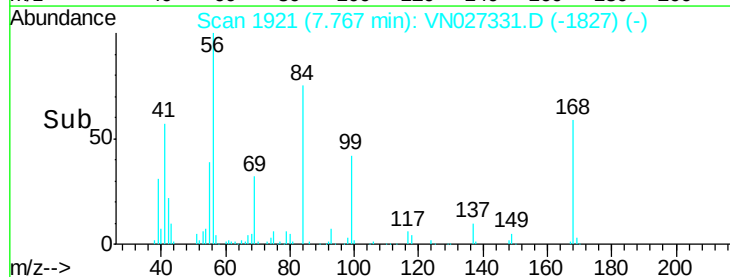
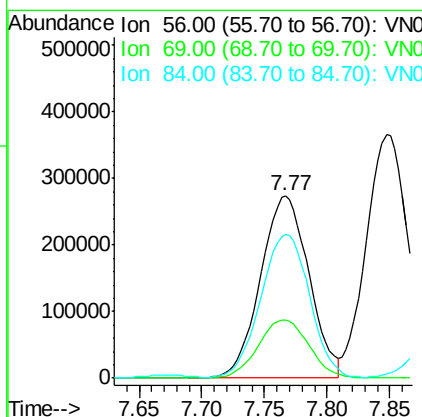
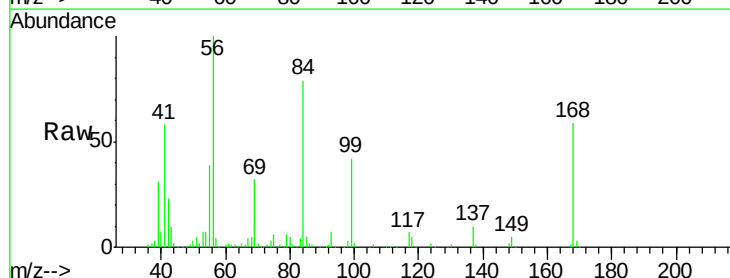
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

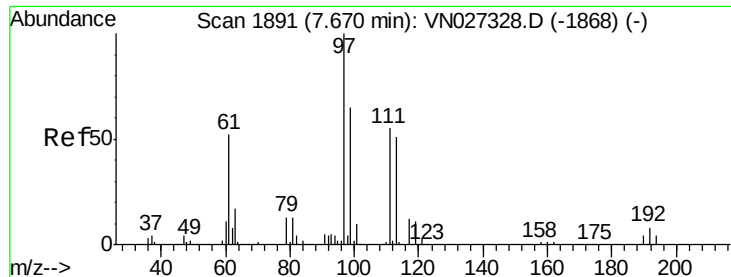
Tgt Ion: 83 Resp: 775142
 Ion Ratio Lower Upper
 83 100
 85 64.6 51.1 76.7



#32
 Cyclohexane
 Concen: 50.62 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 56 Resp: 734515
 Ion Ratio Lower Upper
 56 100
 69 31.9 23.0 34.4
 84 77.6 57.8 86.8

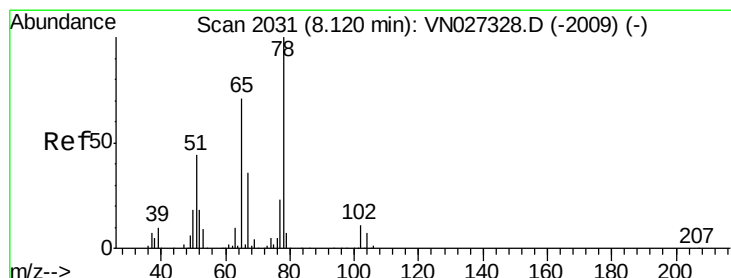
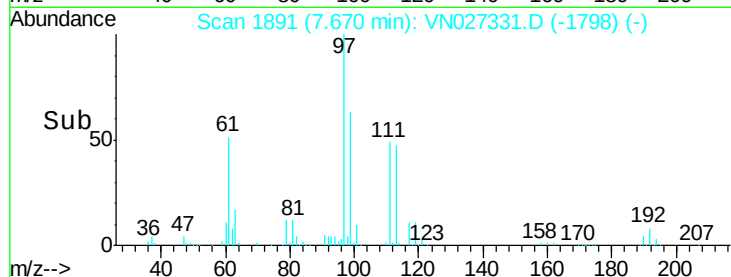
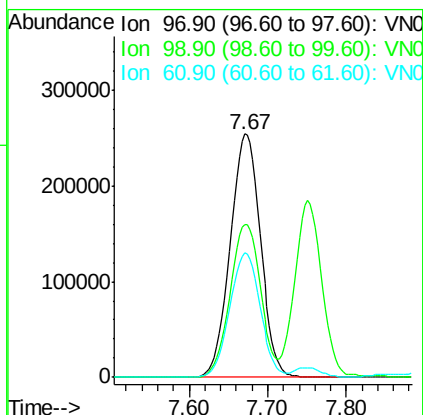
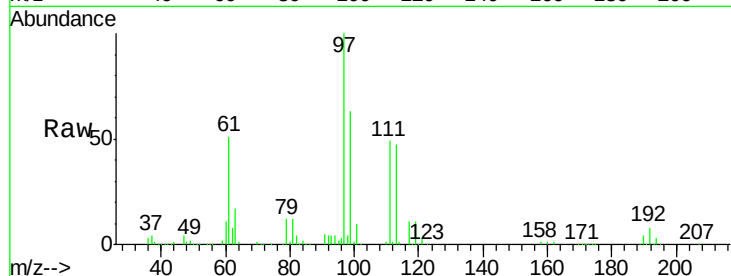




#33
 1,1,1-Trichloroethane
 Concen: 50.28 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

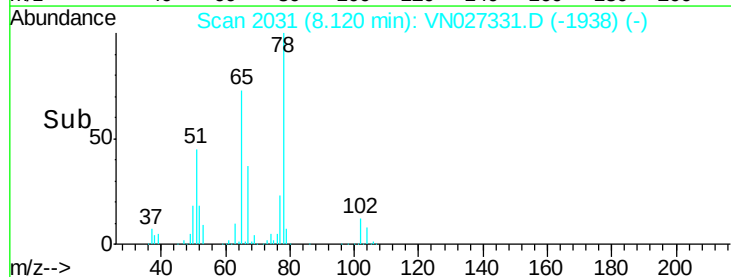
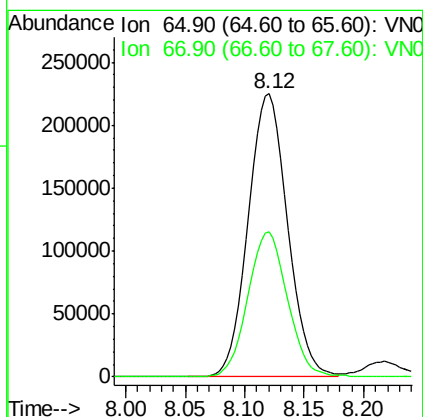
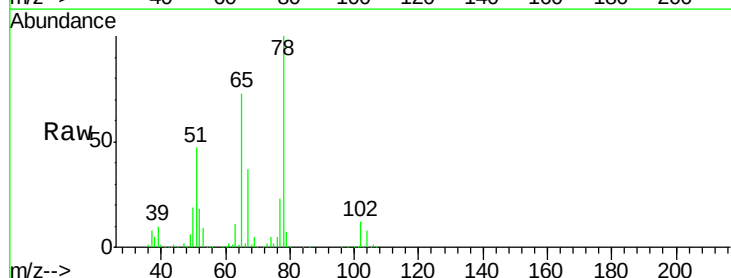
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

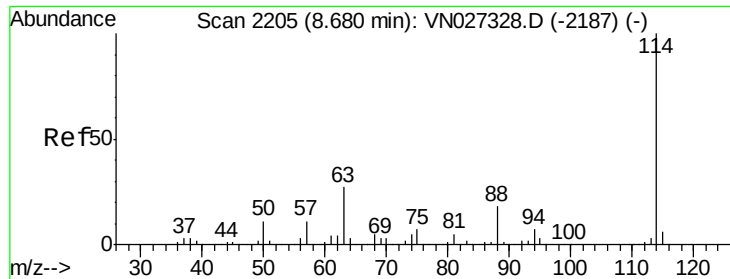
Tgt Ion: 97 Resp: 682443
 Ion Ratio Lower Upper
 97 100
 99 63.4 50.1 75.1
 61 51.3 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 45.70 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 65 Resp: 516882
 Ion Ratio Lower Upper
 65 100
 67 51.6 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: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

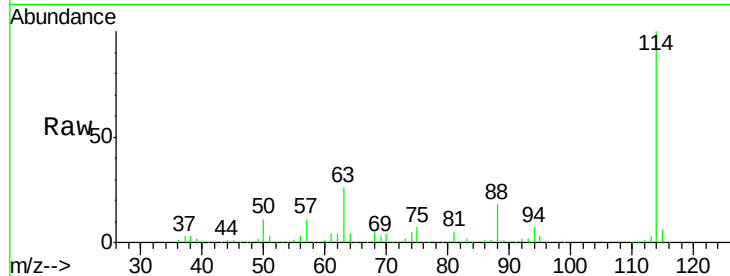
Tgt Ion:114 Resp: 1109822

Ion Ratio Lower Upper

114 100

63 25.8 0.0 48.8

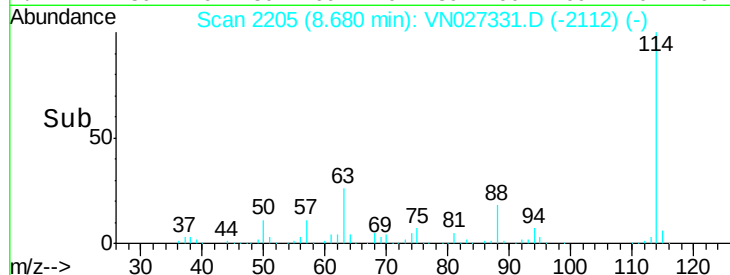
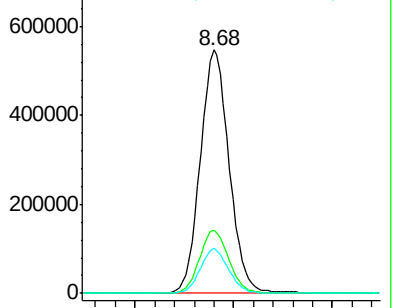
88 18.3 0.0 32.2



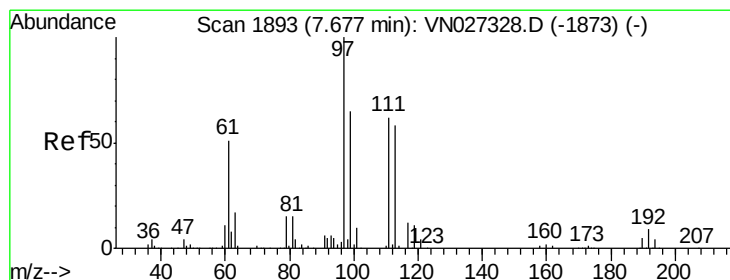
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



Time-->



#36

Dibromofluoromethane

Concen: 44.70 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

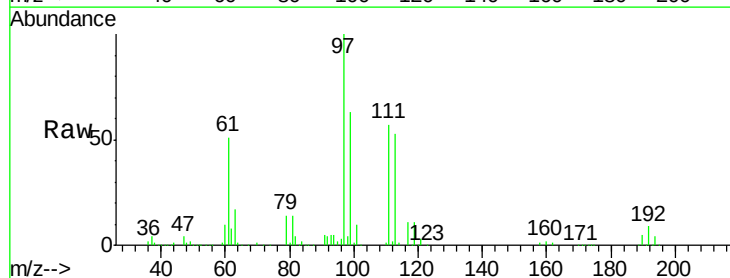
Tgt Ion:113 Resp: 323703

Ion Ratio Lower Upper

113 100

111 107.6 83.0 124.4

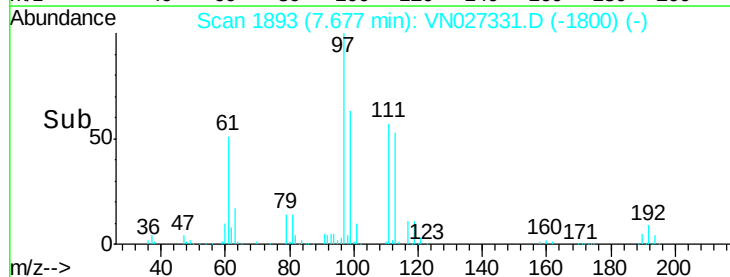
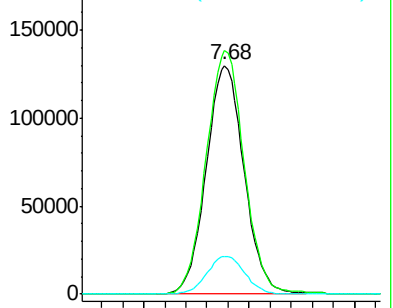
192 16.6 14.1 21.1



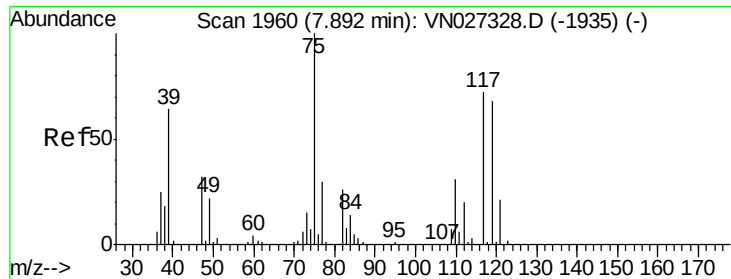
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



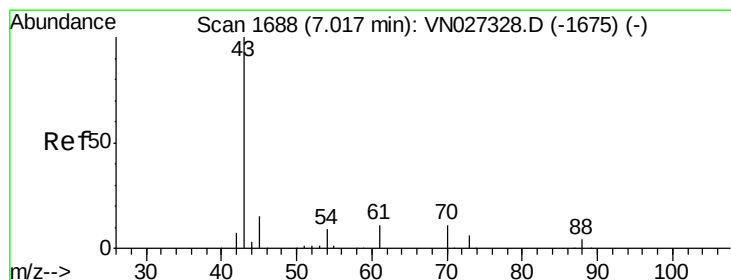
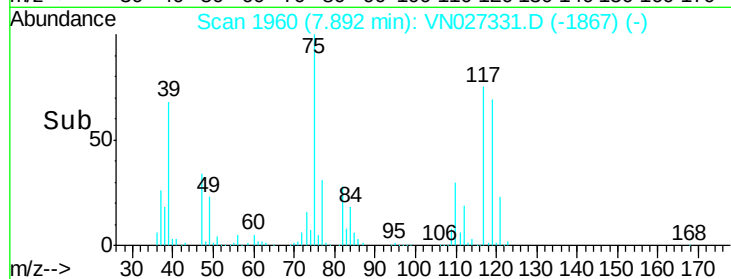
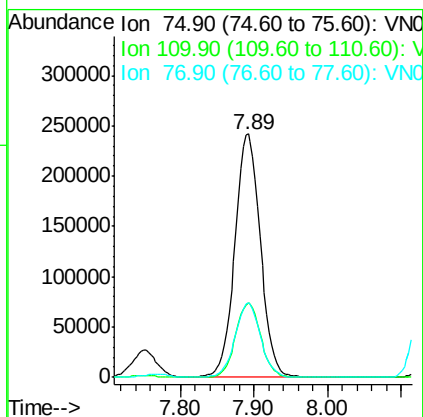
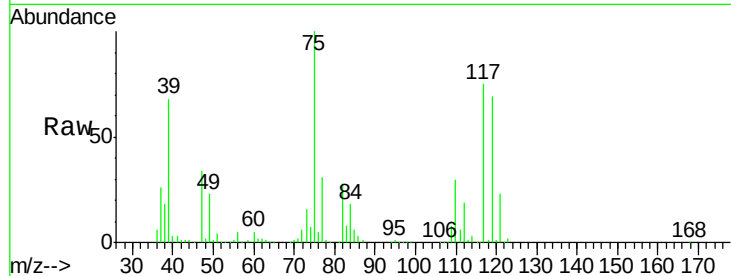
Time-->



#37
 1,1-Dichloropropene
 Concen: 48.71 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

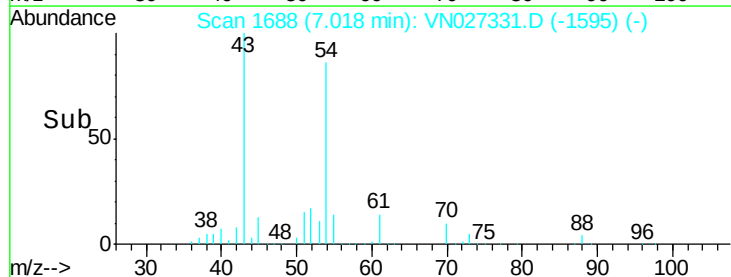
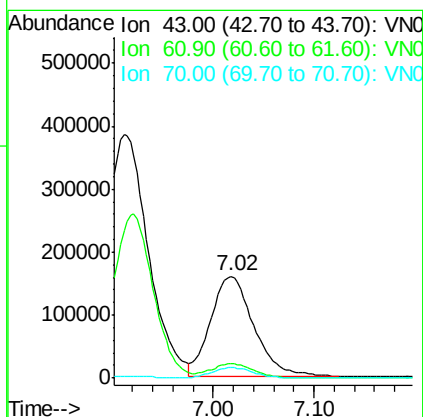
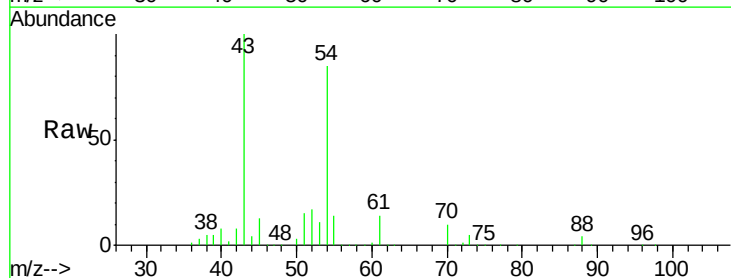
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

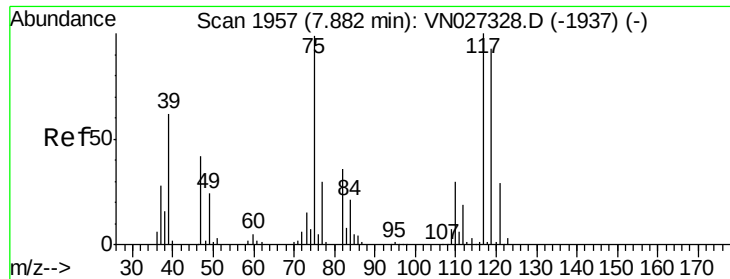
Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.2	15.9	47.7
77	30.2	24.9	37.3



#38
 Ethyl Acetate
 Concen: 51.49 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.2	15.4
70	9.9	7.4	11.0

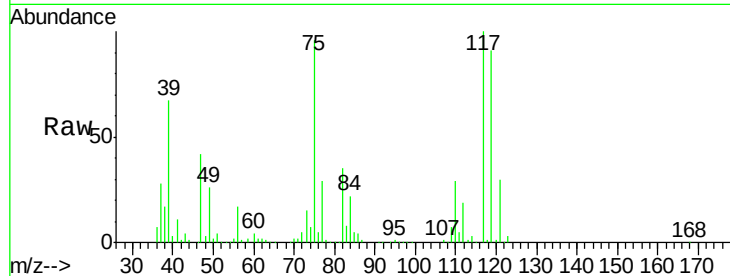




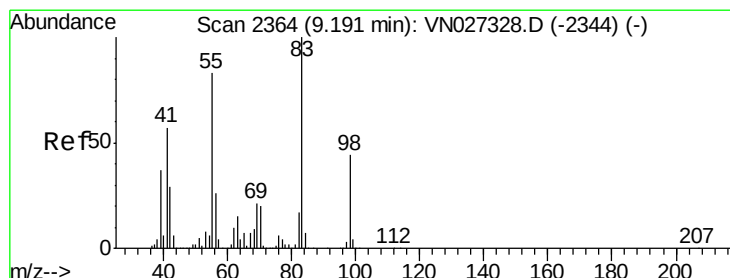
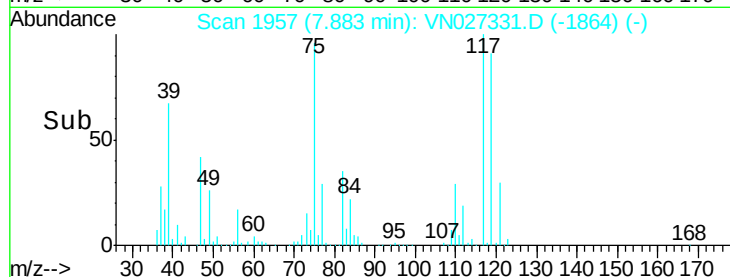
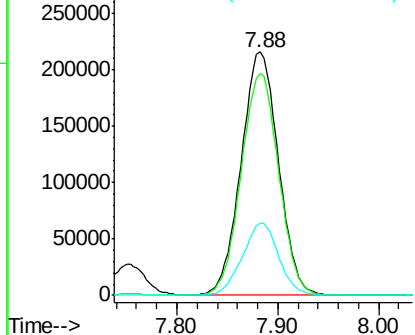
#39
Carbon Tetrachloride
Concen: 49.10 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092115

Tgt Ion: 117 Resp: 552713
Ion Ratio Lower Upper
117 100
119 91.4 75.3 112.9
121 29.6 23.8 35.8

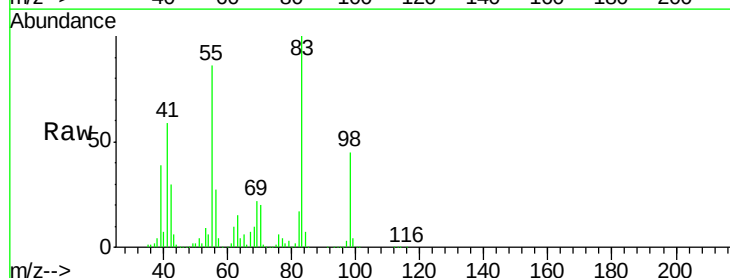


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

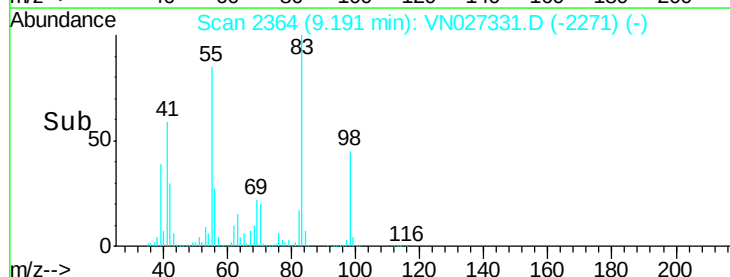
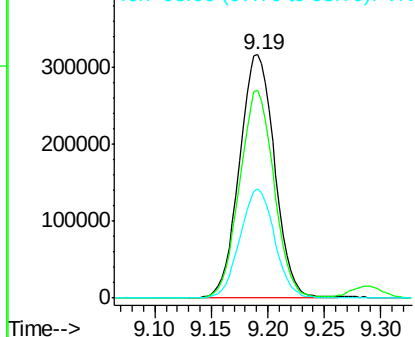


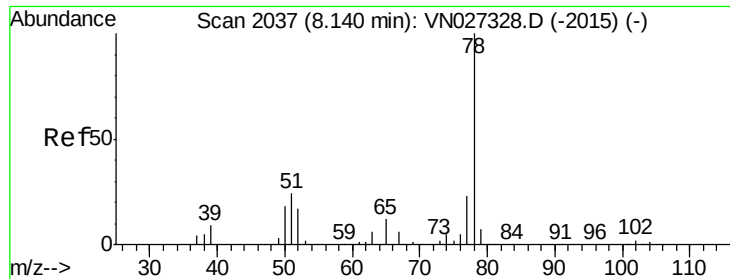
#40
Methylcyclohexane
Concen: 48.21 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

Tgt Ion: 83 Resp: 684966
Ion Ratio Lower Upper
83 100
55 85.5 69.8 104.8
98 44.7 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: 48.63 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

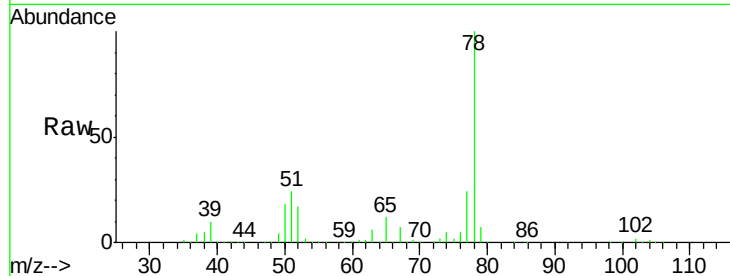
ICVVN092115

Tgt Ion: 78 Resp: 1688125

Ion Ratio Lower Upper

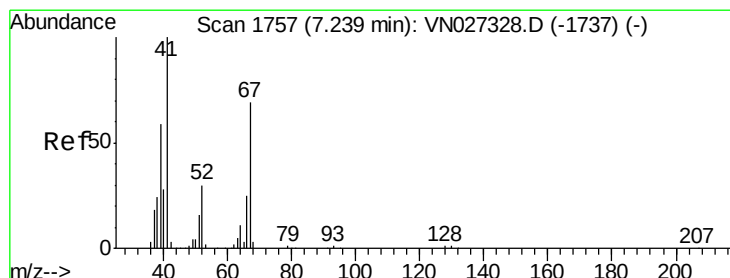
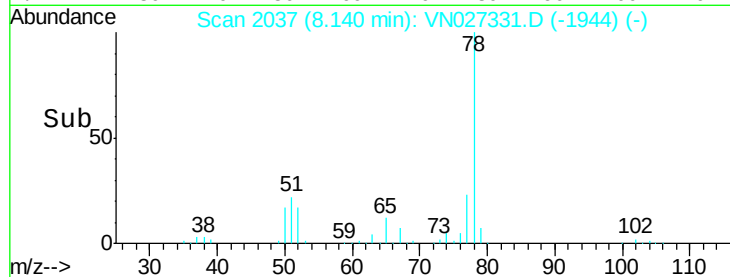
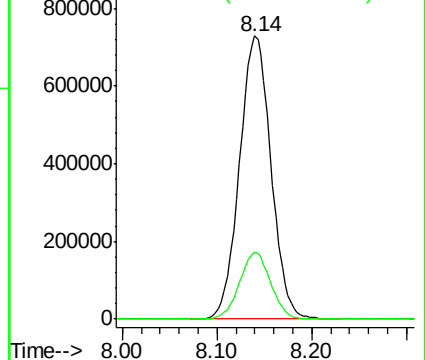
78 100

77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

Methacrylonitrile

Concen: 50.55 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Tgt Ion: 41 Resp: 275624

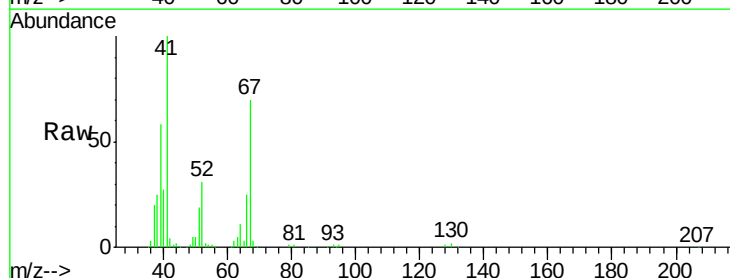
Ion Ratio Lower Upper

41 100

39 60.1 43.0 64.6

67 72.5 52.2 78.2

52 33.1 21.3 31.9#

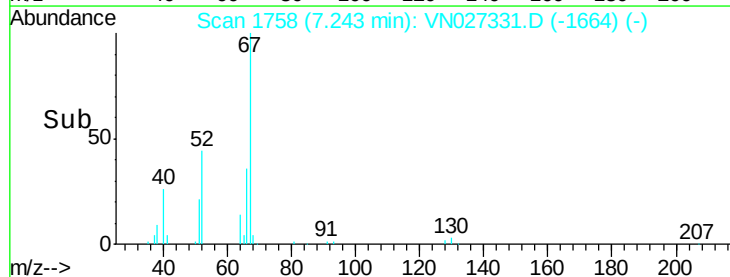
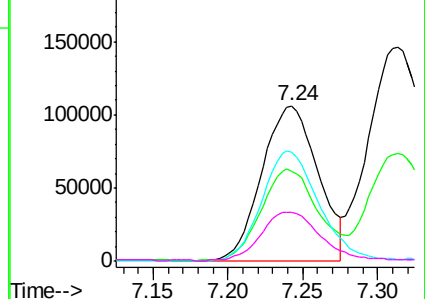


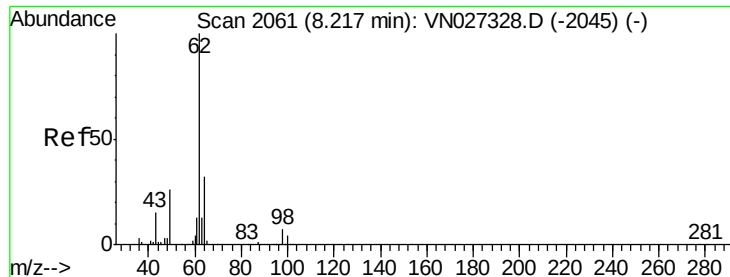
Abundance Ion 41.00 (40.70 to 41.70): VN0

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

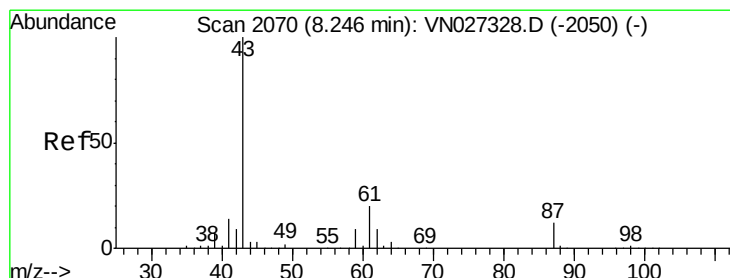
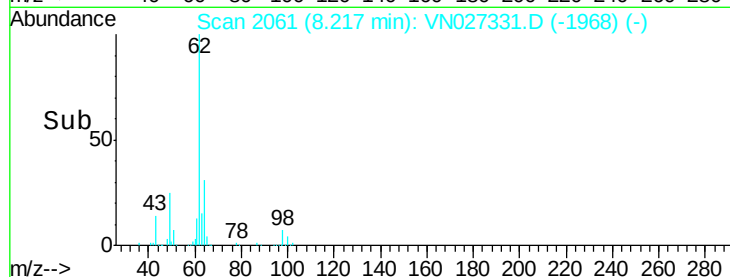
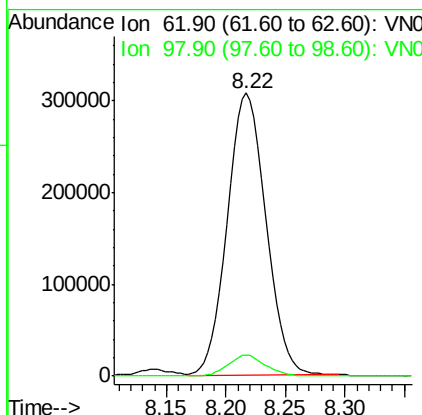
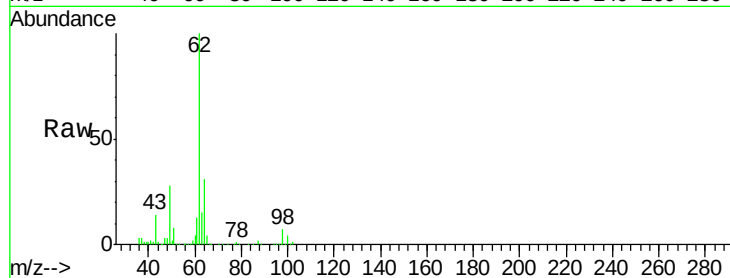




#43
 1,2-Dichloroethane
 Concen: 49.07 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

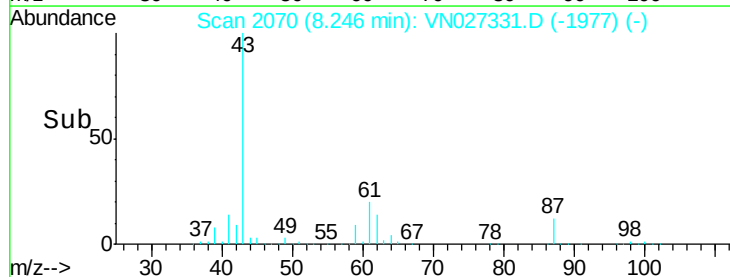
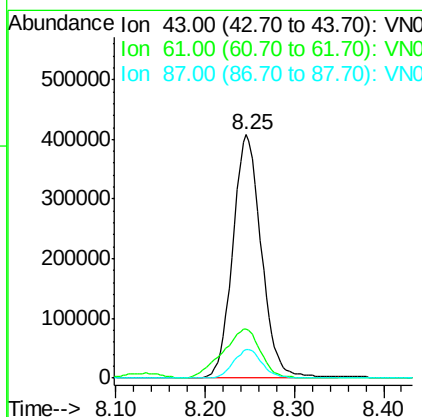
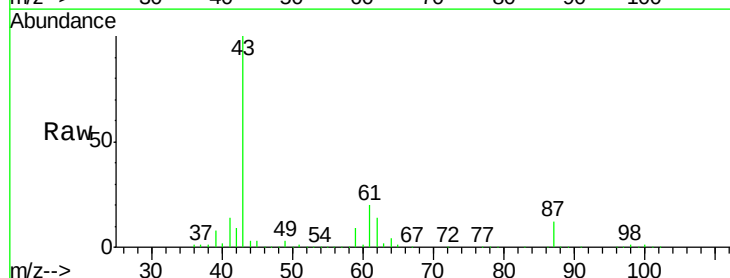
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

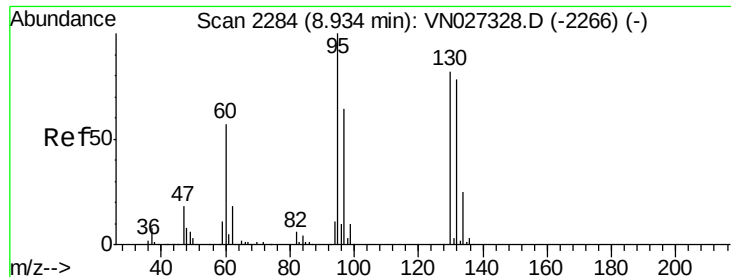
Tgt Ion: 62 Resp: 694420
 Ion Ratio Lower Upper
 62 100
 98 7.2 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 51.08 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 43 Resp: 901746
 Ion Ratio Lower Upper
 43 100
 61 26.2 20.6 31.0
 87 11.9 8.6 13.0





#45

Trichloroethene

Concen: 48.51 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

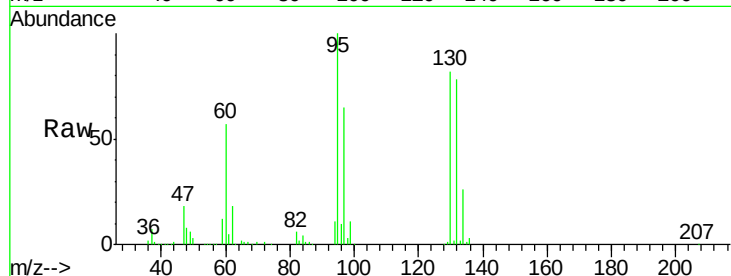
ICVVN092115

Tgt Ion:130 Resp: 337366

Ion Ratio Lower Upper

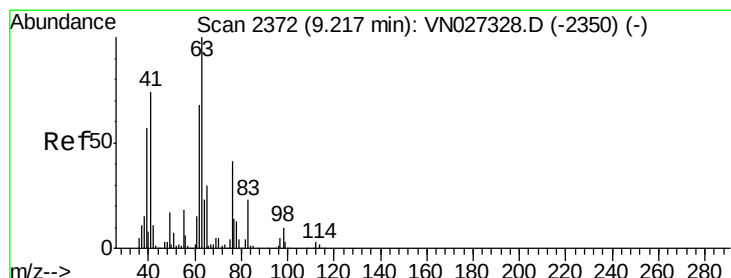
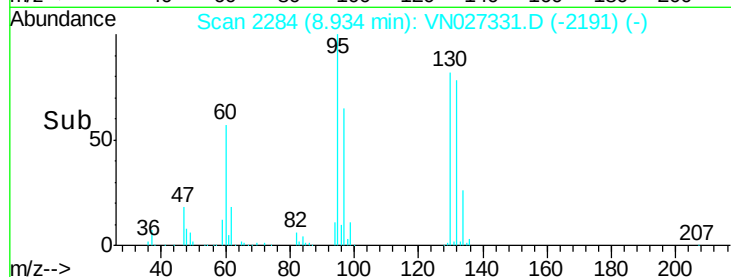
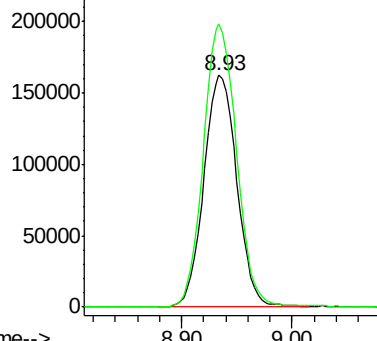
130 100

95 122.1 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#46

1,2-Dichloropropane

Concen: 49.13 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027331.D

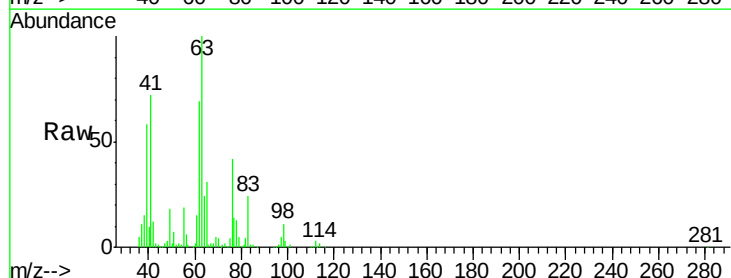
Acq: 21 Sep 2015 13:39

Tgt Ion: 63 Resp: 477322

Ion Ratio Lower Upper

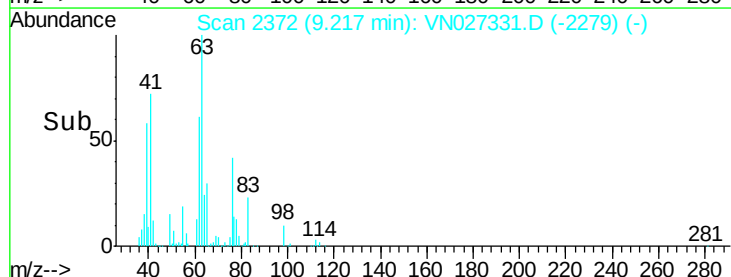
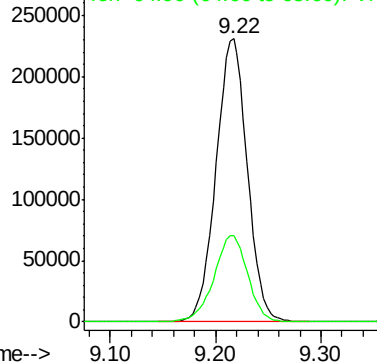
63 100

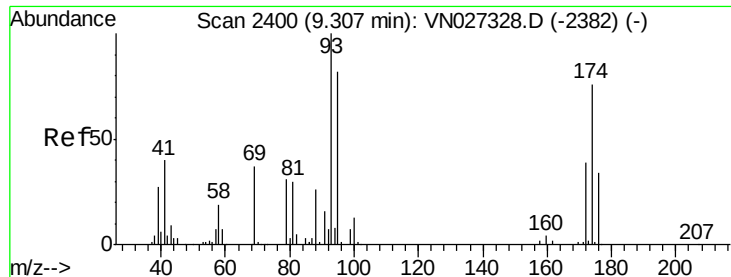
65 30.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#47

Dibromomethane

Concen: 48.81 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

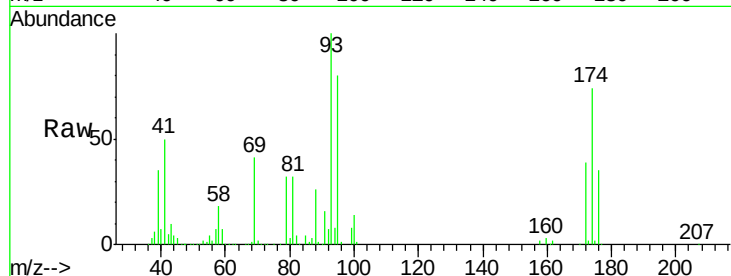
Tgt Ion: 93 Resp: 284655

Ion Ratio Lower Upper

93 100

95 80.8 66.3 99.5

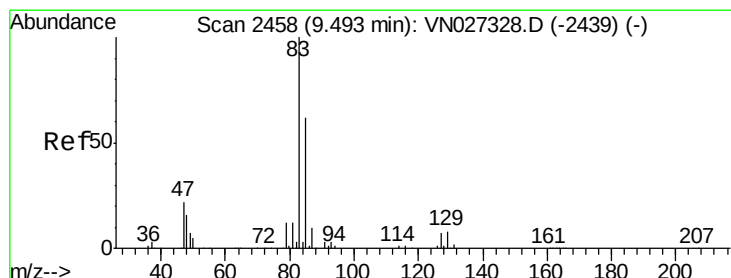
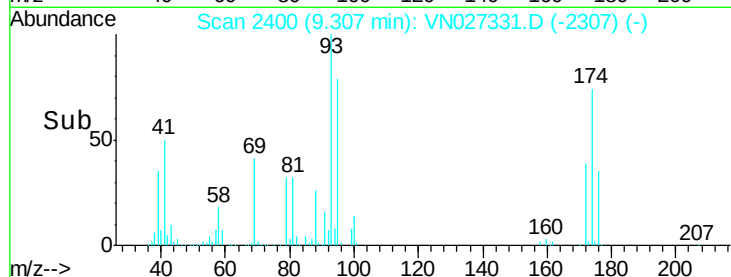
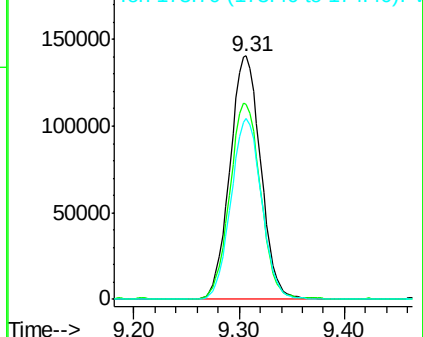
174 73.8 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#48

Bromodichloromethane

Concen: 49.58 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

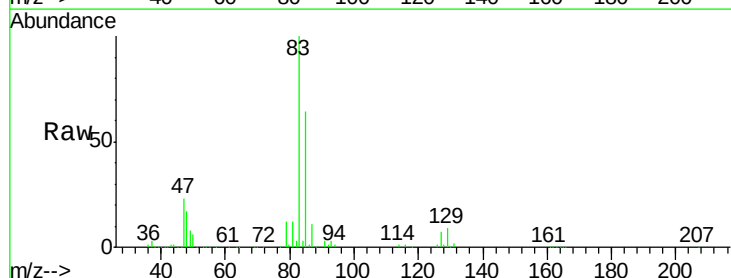
Tgt Ion: 83 Resp: 613133

Ion Ratio Lower Upper

83 100

85 64.3 50.7 76.1

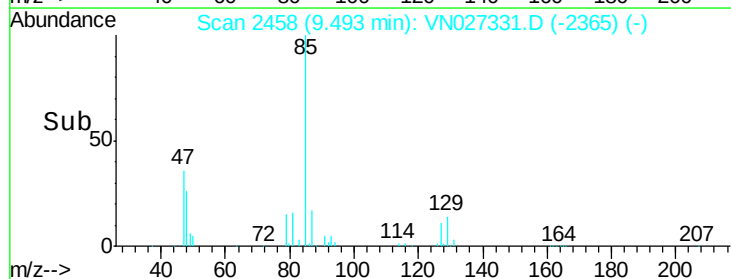
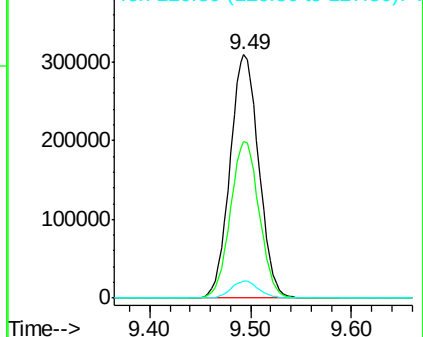
127 6.9 5.5 8.3

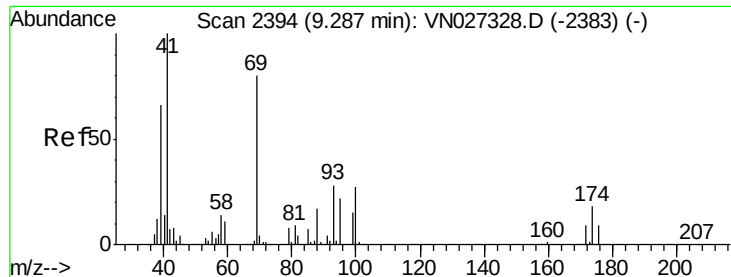


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

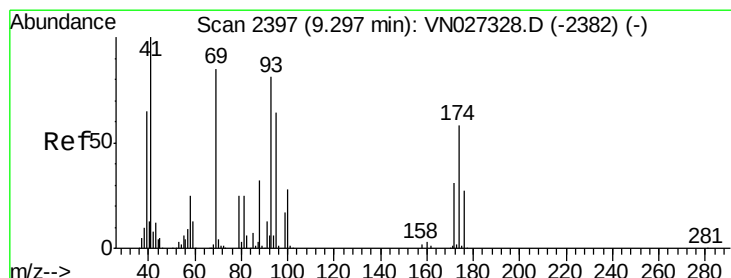
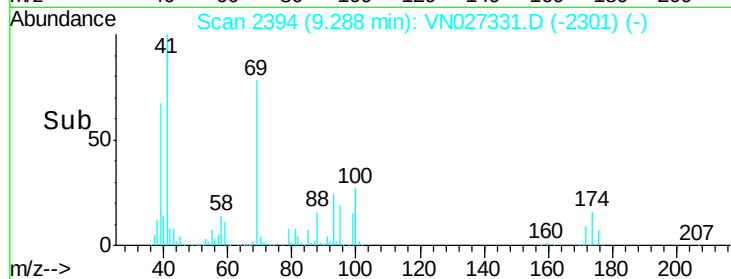
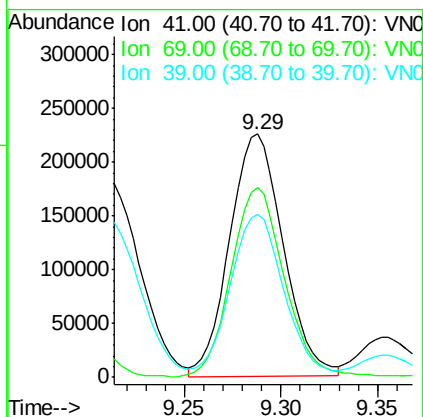
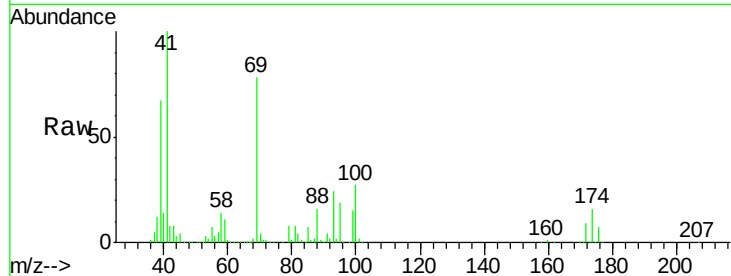




#49
Methyl methacrylate
Concen: 52.32 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

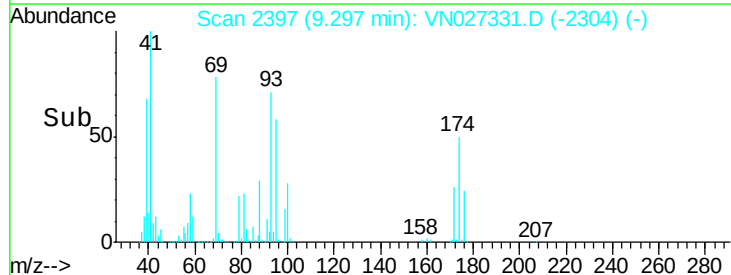
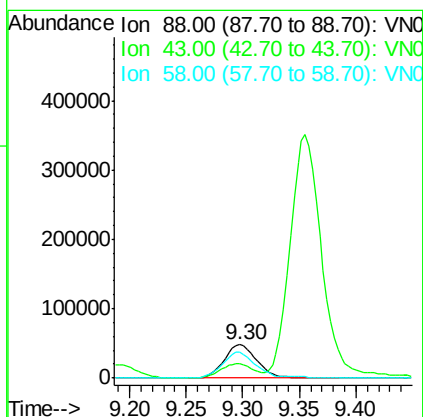
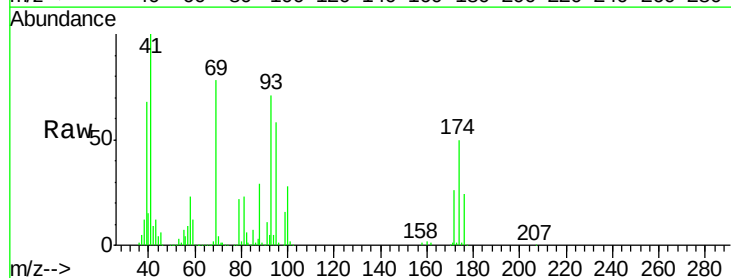
Instrument :
MSVOA_N
ClientSampled :
ICVVN092115

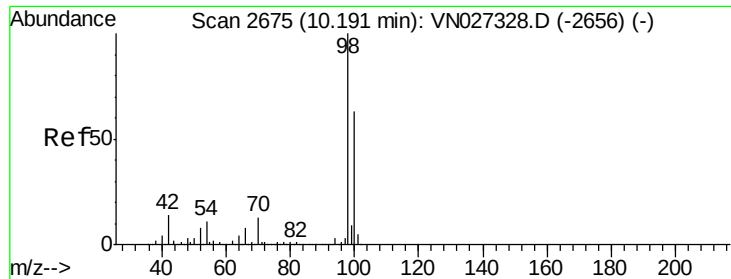
Tgt Ion: 41 Resp: 434704
Ion Ratio Lower Upper
41 100
69 78.4 59.3 88.9
39 67.3 39.5 59.3#



#50
1,4-Dioxane
Concen: 977.03 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

Tgt Ion: 88 Resp: 97972
Ion Ratio Lower Upper
88 100
43 40.2 27.6 41.4
58 80.5 63.1 94.7





#51

Toluene-d8

Concen: 45.15 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

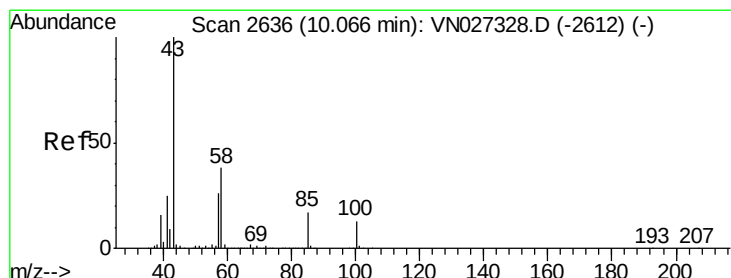
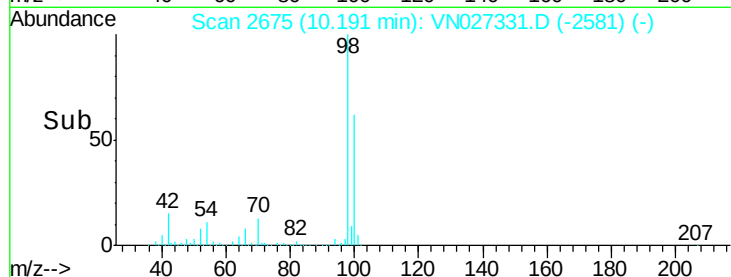
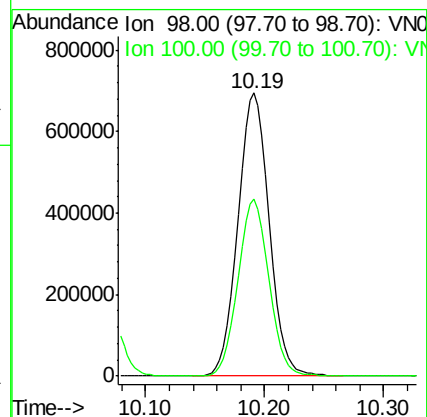
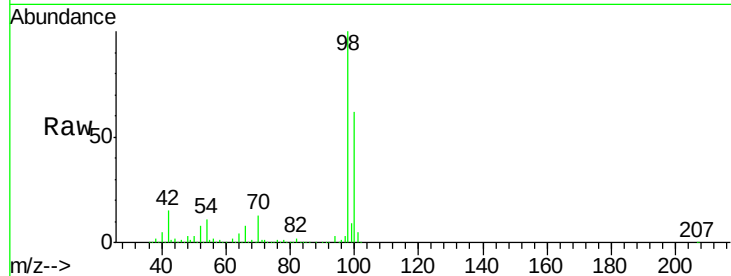
ICVVN092115

Tgt Ion: 98 Resp: 1263898

Ion Ratio Lower Upper

98 100

100 62.0 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 254.43 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027331.D

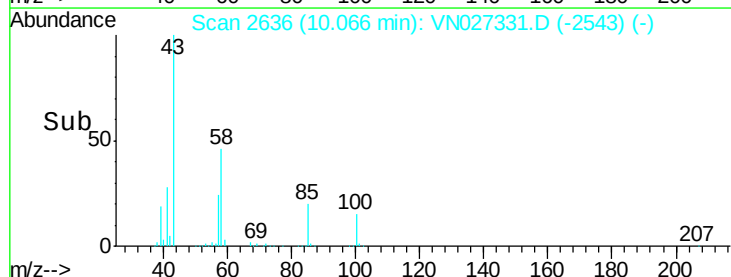
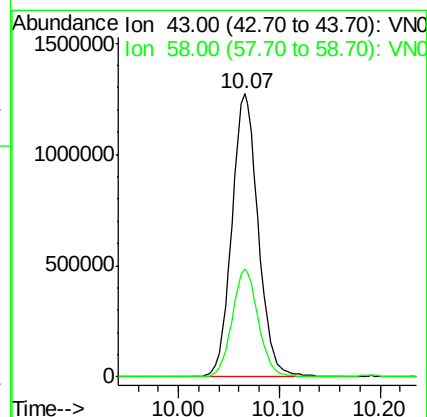
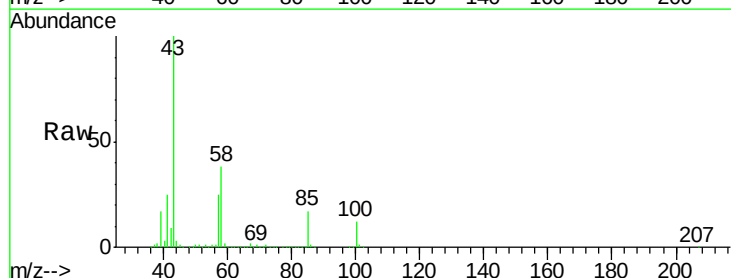
Acq: 21 Sep 2015 13:39

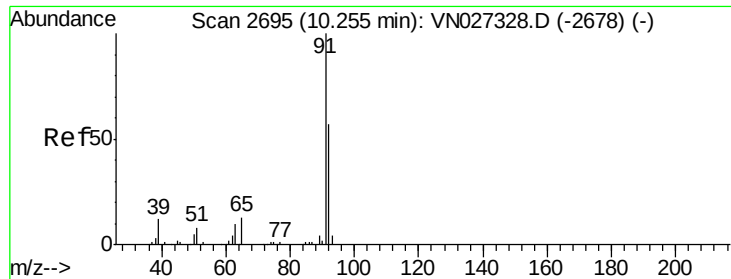
Tgt Ion: 43 Resp: 2310083

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.8





#53

Toluene

Concen: 47.91 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

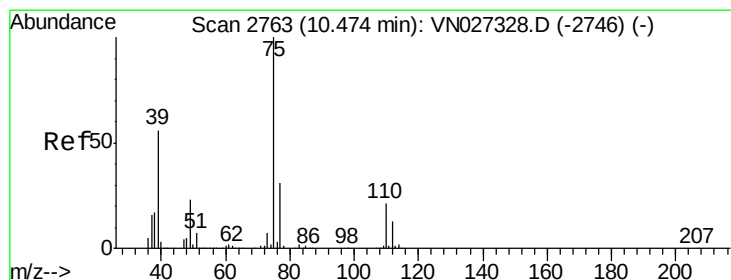
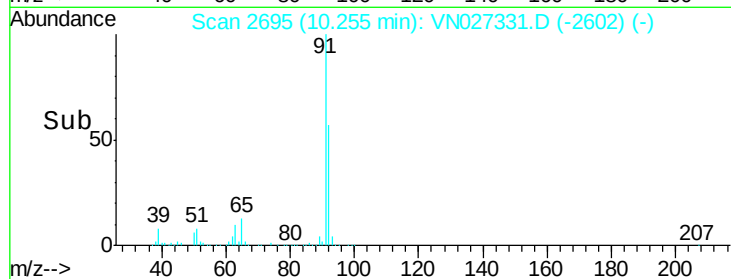
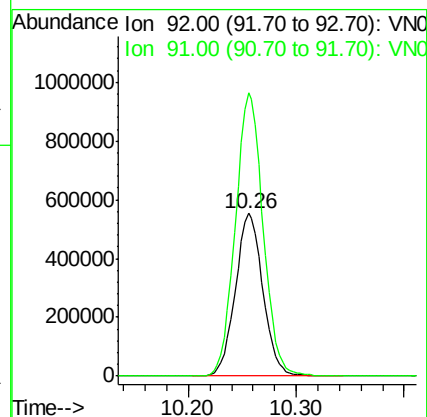
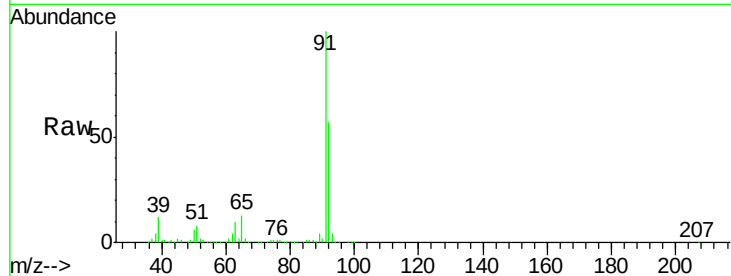
ICVVN092115

Tgt Ion: 92 Resp: 983774

Ion Ratio Lower Upper

92 100

91 175.1 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 50.55 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027331.D

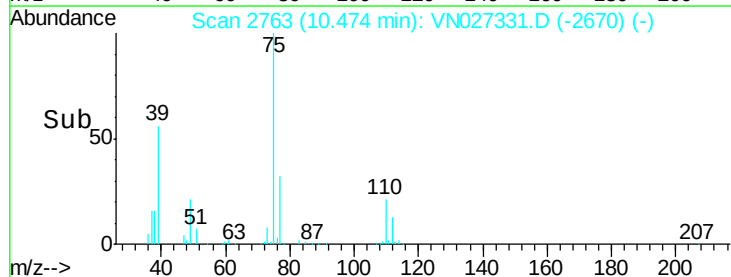
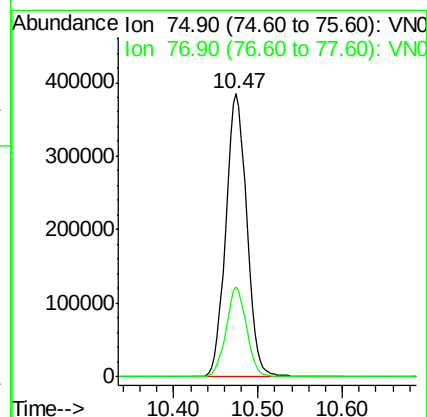
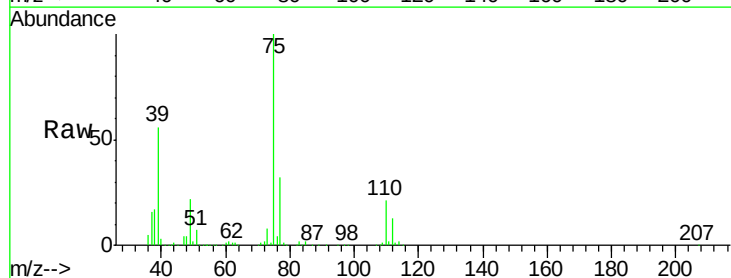
Acq: 21 Sep 2015 13:39

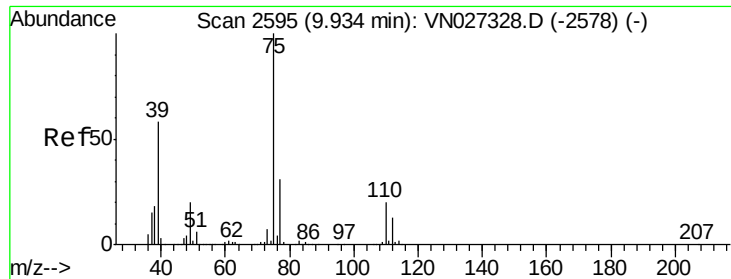
Tgt Ion: 75 Resp: 667430

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 49.87 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampled :

ICVVN092115

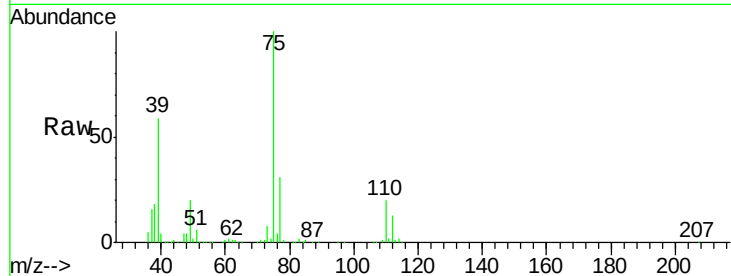
Tgt Ion: 75 Resp: 723289

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

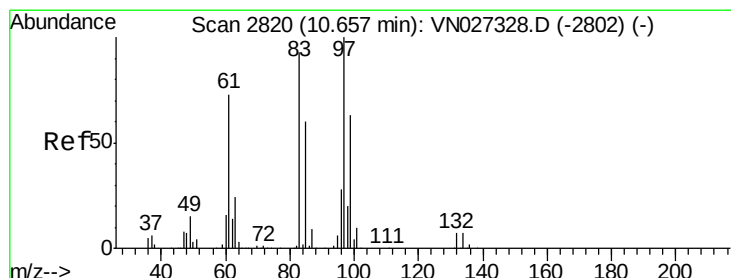
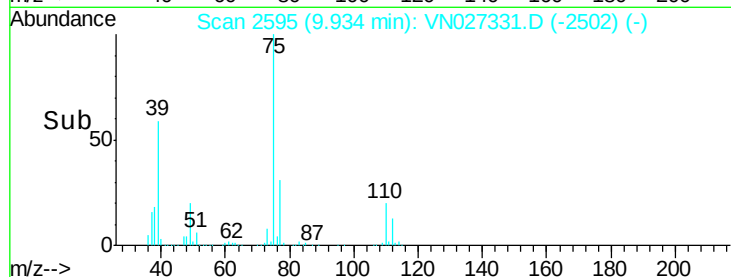
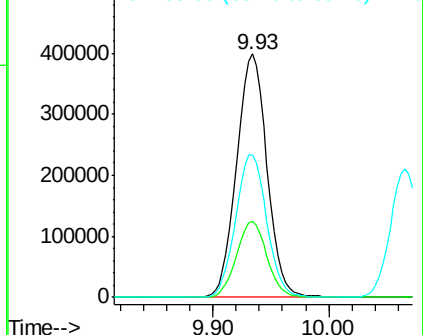
39 58.7 41.6 62.4



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: 49.25 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Tgt Ion: 97 Resp: 377146

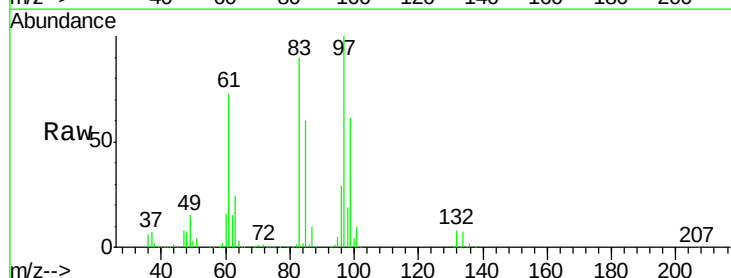
Ion Ratio Lower Upper

97 100

83 89.6 75.0 112.4

85 59.9 48.0 72.0

99 61.4 50.3 75.5

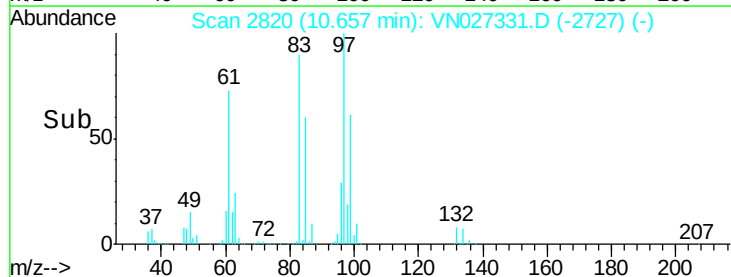
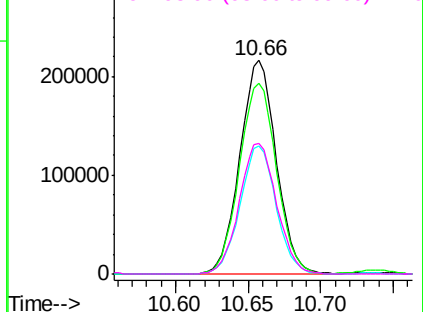


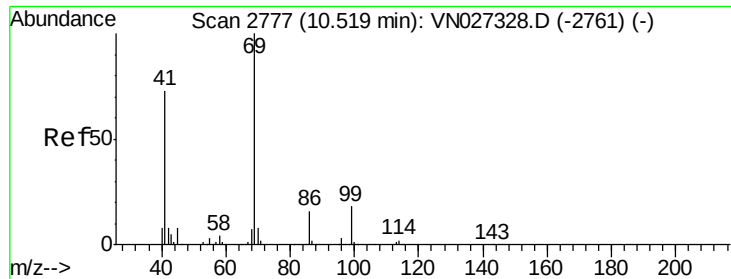
Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 50.37 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

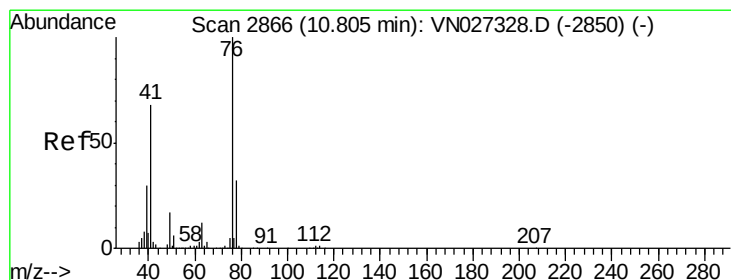
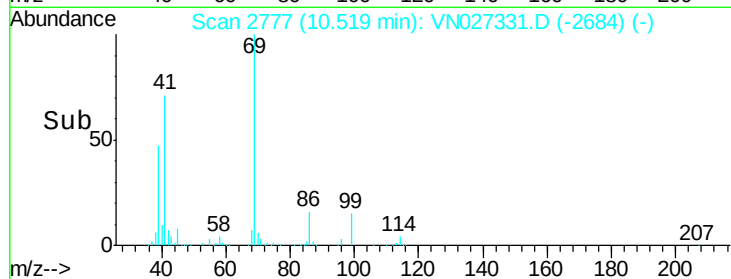
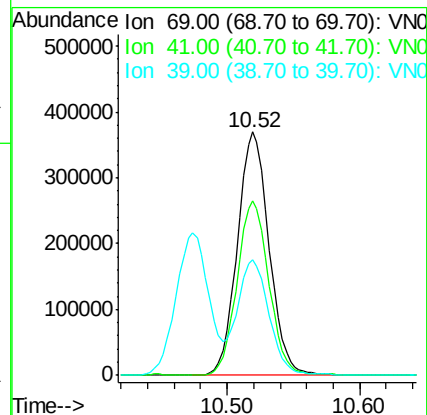
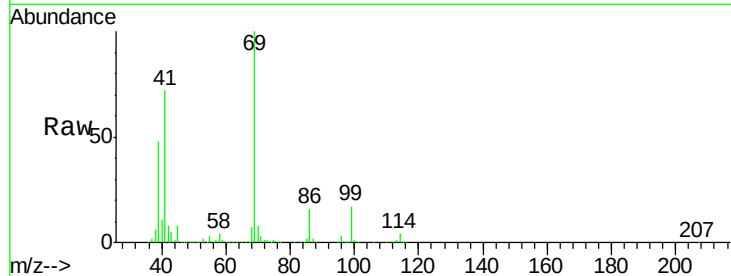
Tgt Ion: 69 Resp: 612201

Ion Ratio Lower Upper

69 100

41 71.3 61.3 91.9

39 47.5 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 49.07 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027331.D

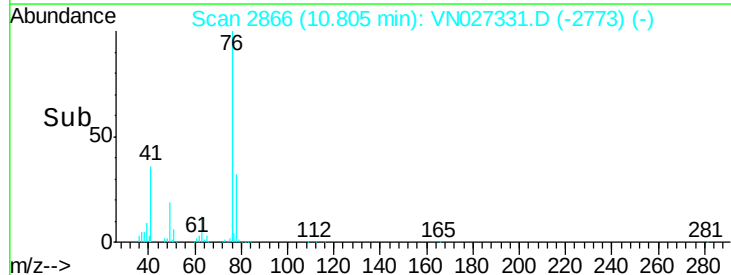
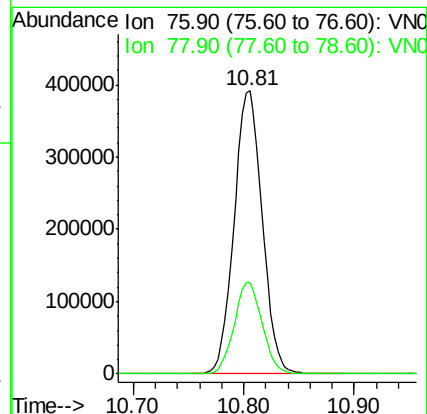
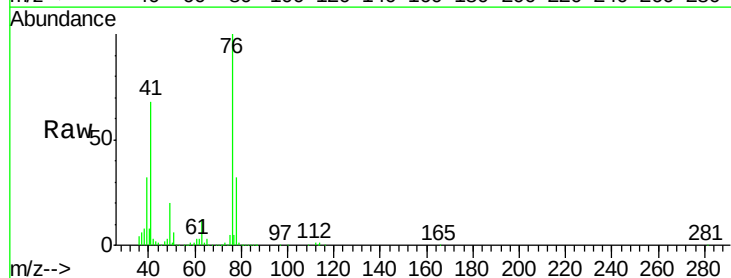
Acq: 21 Sep 2015 13:39

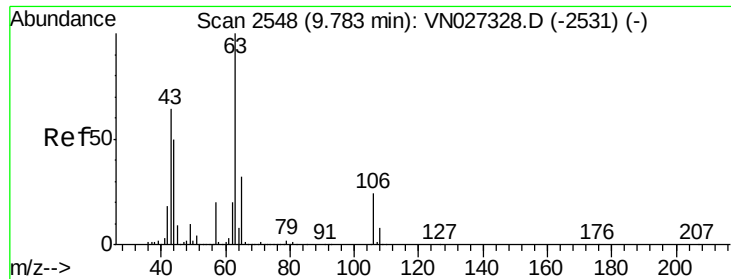
Tgt Ion: 76 Resp: 692593

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6

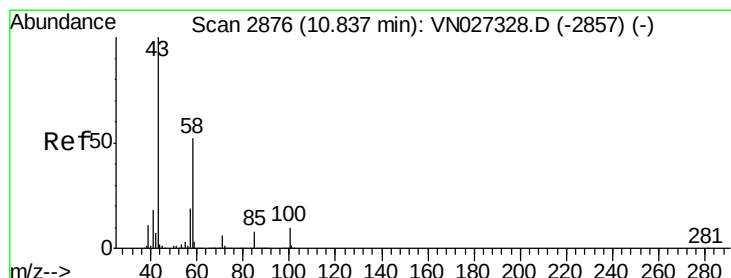
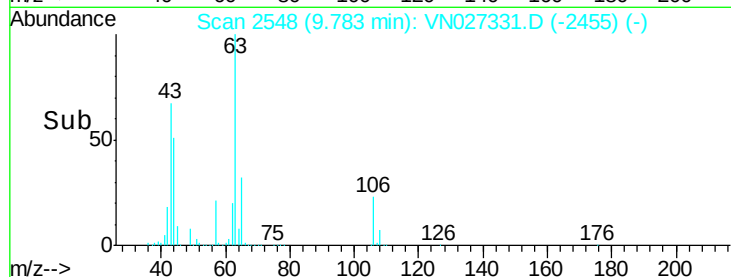
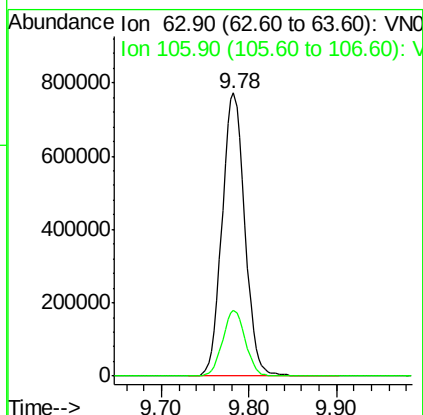
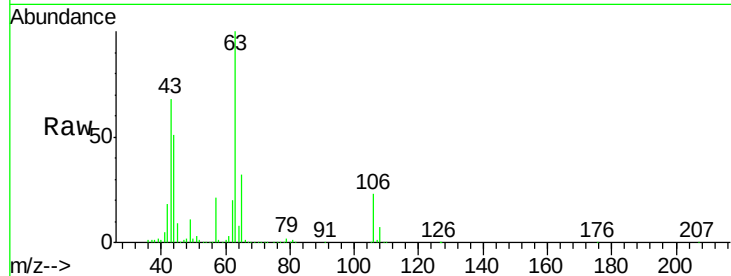




#59
 2-Chloroethyl Vinyl ether
 Concen: 258.71 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

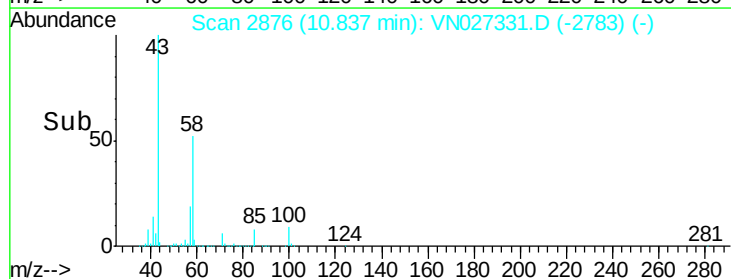
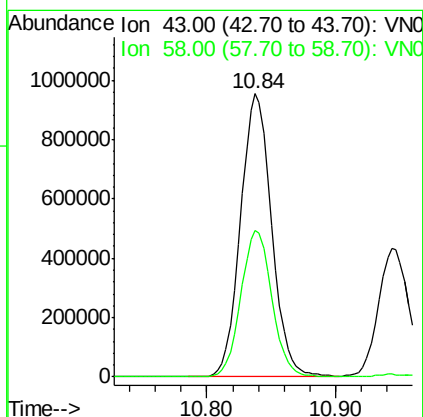
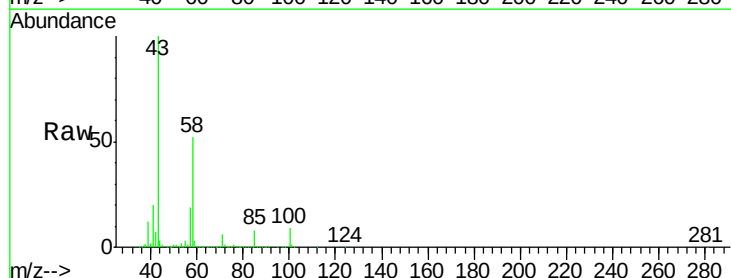
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

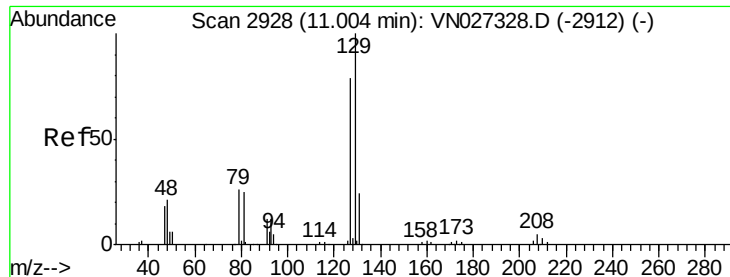
Tgt Ion: 63 Resp: 1393475
 Ion Ratio Lower Upper
 63 100
 106 23.2 17.7 26.5



#60
 2-Hexanone
 Concen: 258.87 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 43 Resp: 1597371
 Ion Ratio Lower Upper
 43 100
 58 51.9 26.2 78.5

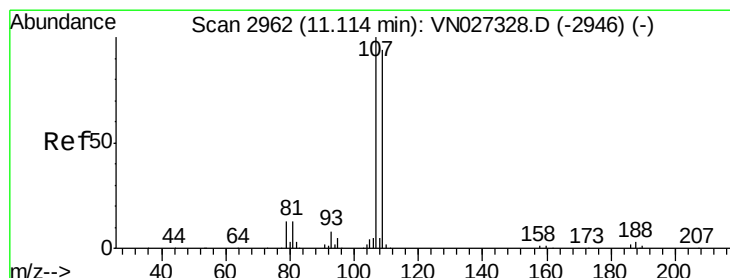
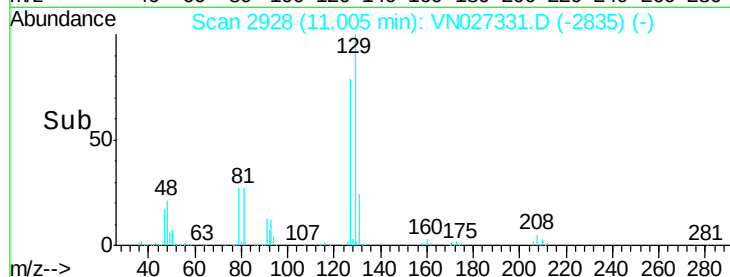
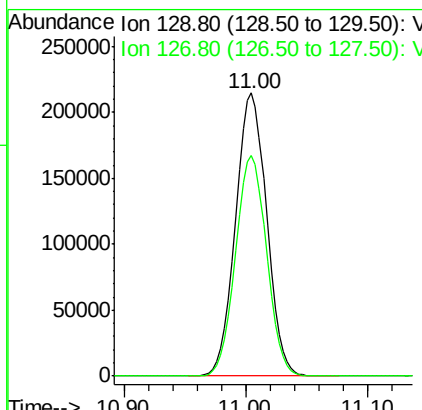
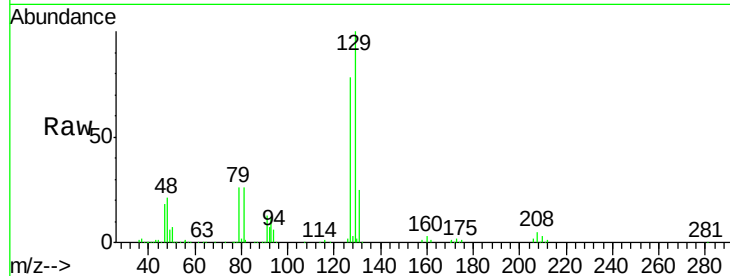




#61
 Dibromochloromethane
 Concen: 50.56 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

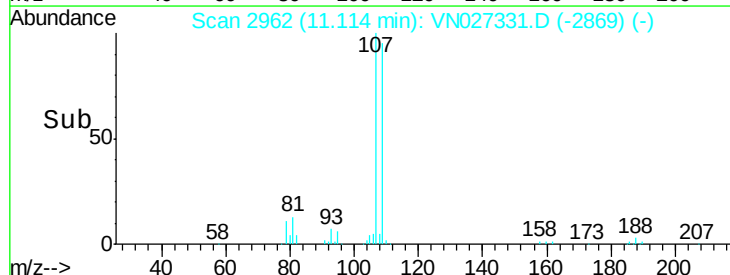
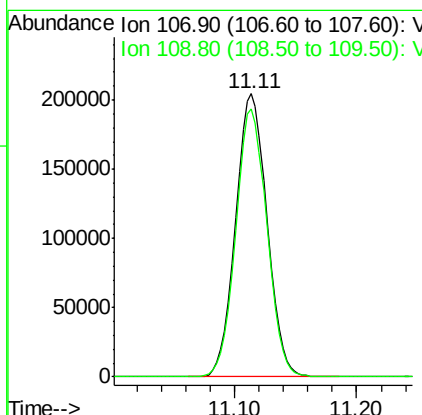
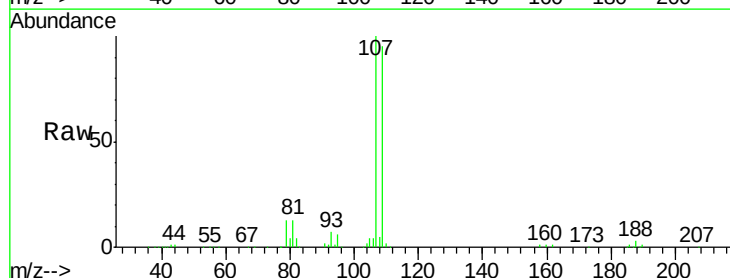
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

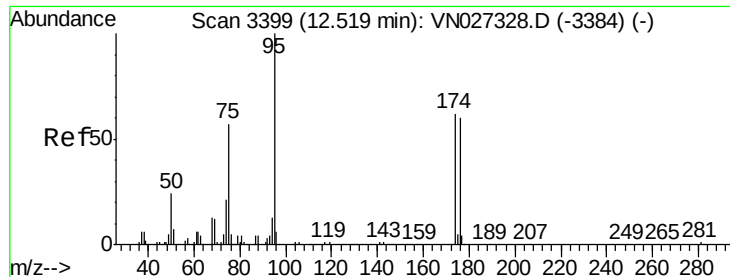
Tgt Ion:129 Resp: 379178
 Ion Ratio Lower Upper
 129 100
 127 77.7 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 49.93 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion:107 Resp: 363616
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4

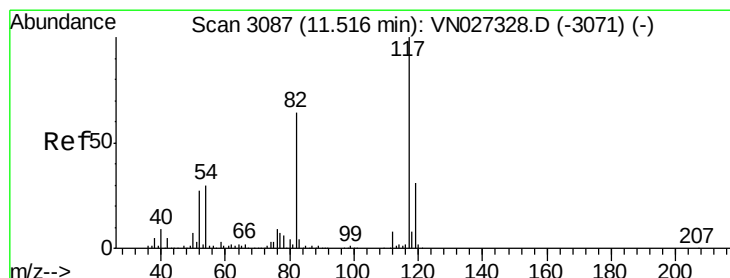
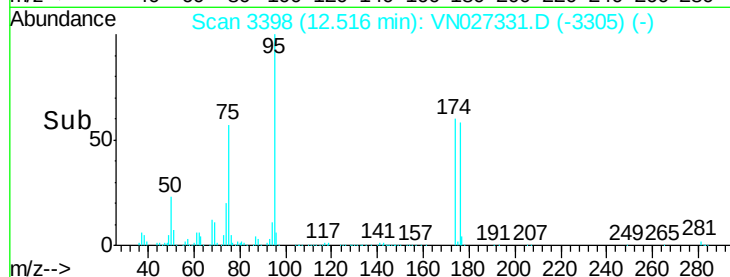
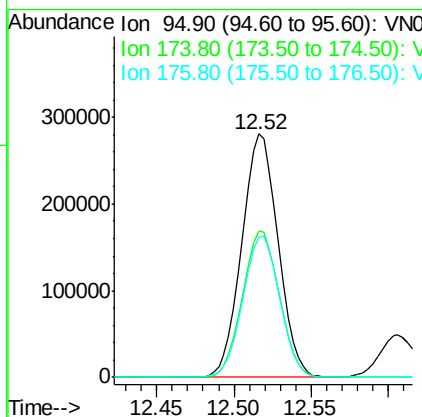
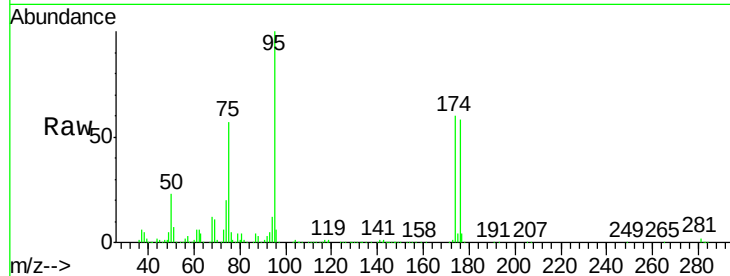




#63
4-Bromofluorobenzene
Concen: 45.17 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

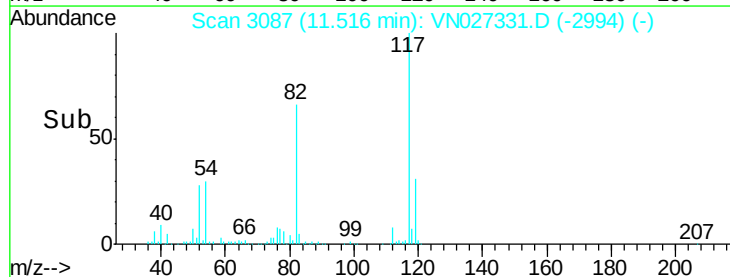
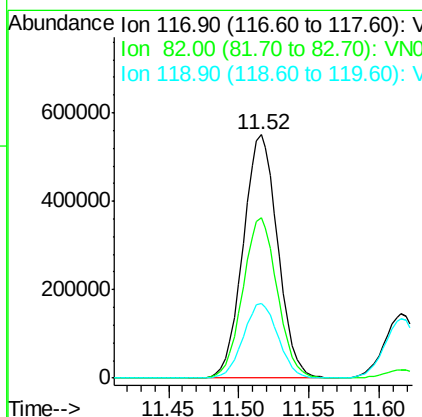
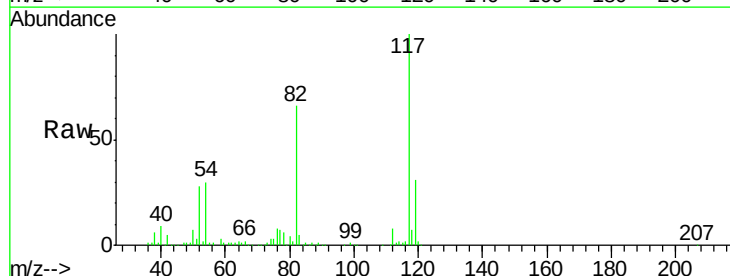
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092115

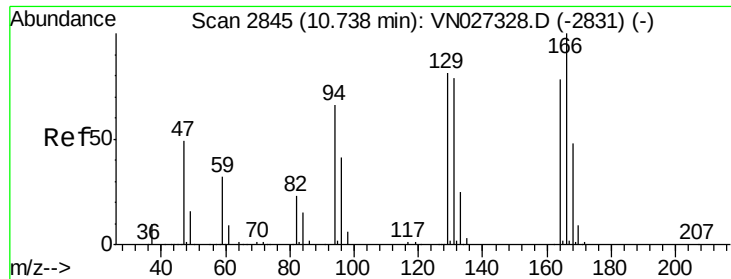
Tgt Ion: 95 Resp: 459377
Ion Ratio Lower Upper
95 100
174 61.1 0.0 137.0
176 58.9 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

Tgt Ion: 117 Resp: 945709
Ion Ratio Lower Upper
117 100
82 65.7 49.6 74.4
119 30.8 24.6 36.8





#65

Tetrachloroethene

Concen: 46.90 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

Tgt Ion:164 Resp: 263996

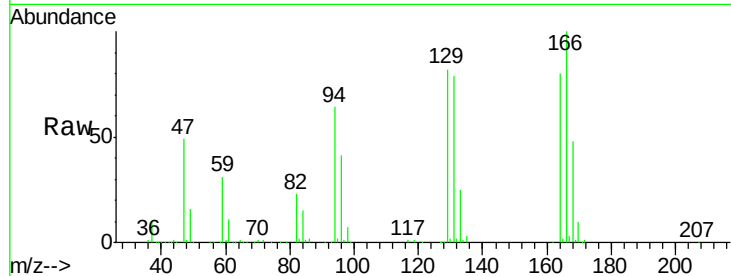
Ion Ratio Lower Upper

164 100

166 125.6 103.4 155.0

129 102.6 77.5 116.3

131 98.9 74.2 111.4

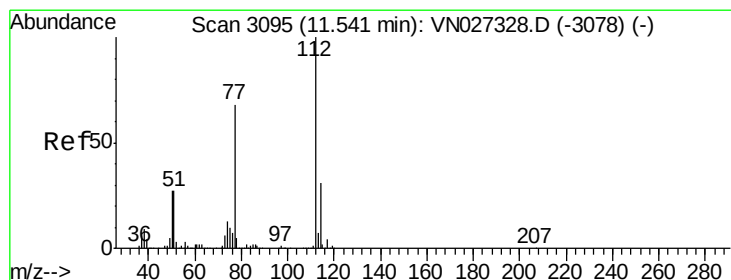
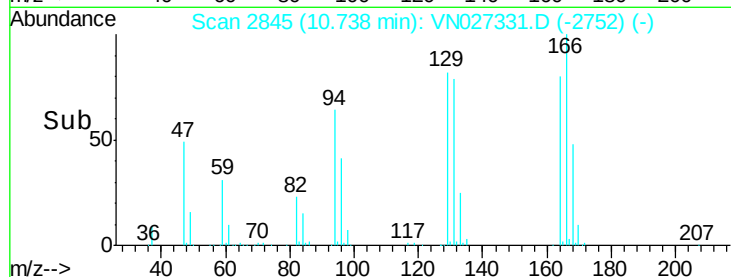
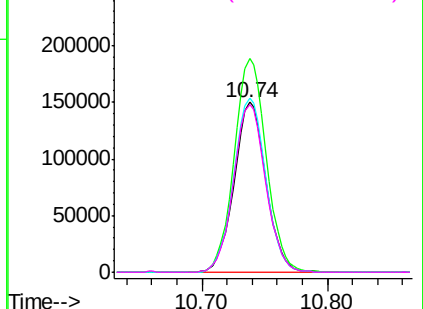


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.58 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027331.D

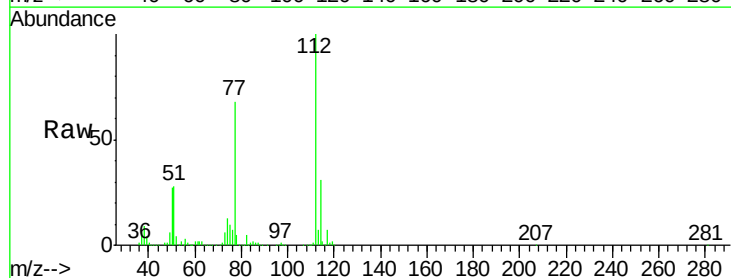
Acq: 21 Sep 2015 13:39

Tgt Ion:112 Resp: 984929

Ion Ratio Lower Upper

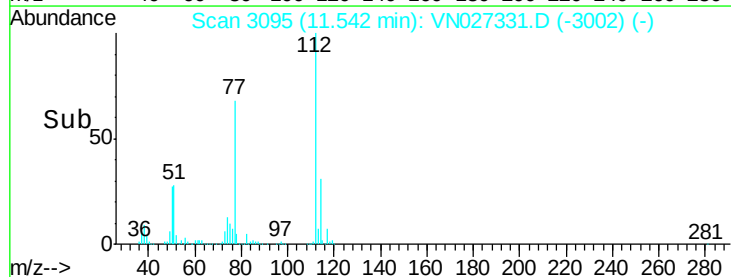
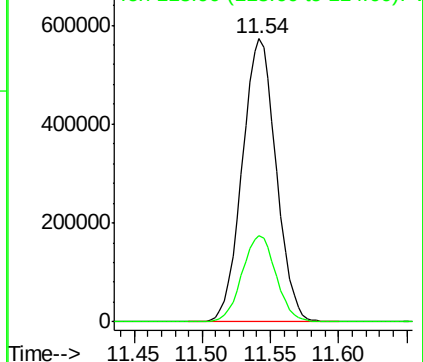
112 100

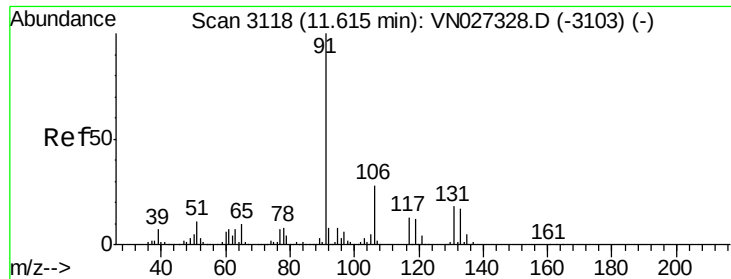
114 30.5 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

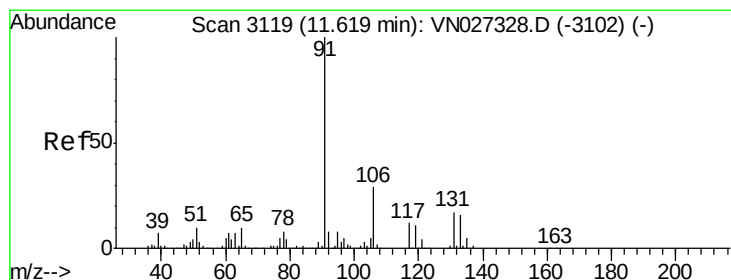
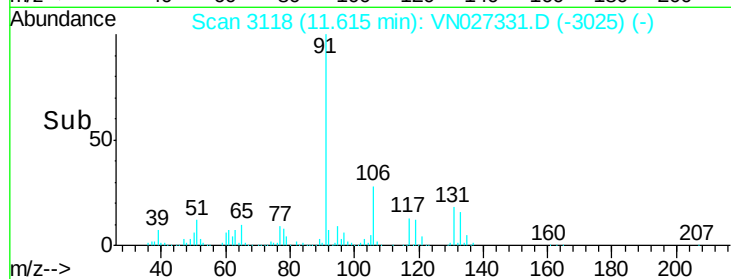
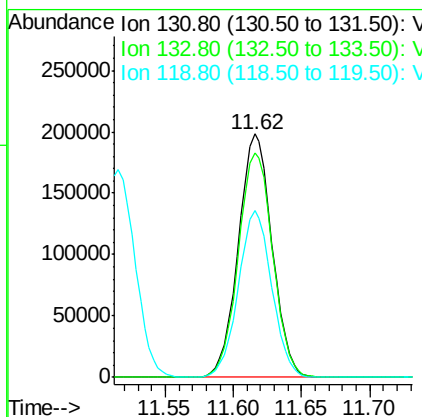
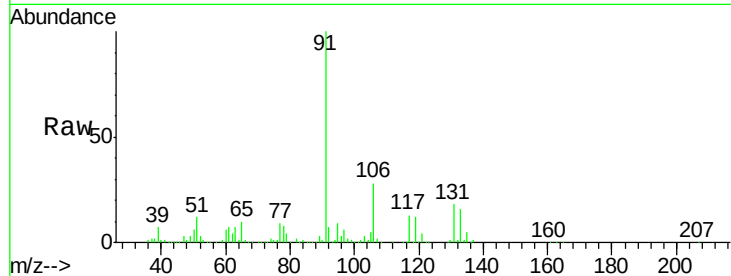




#67
 1,1,1,2-Tetrachloroethane
 Concen: 49.91 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

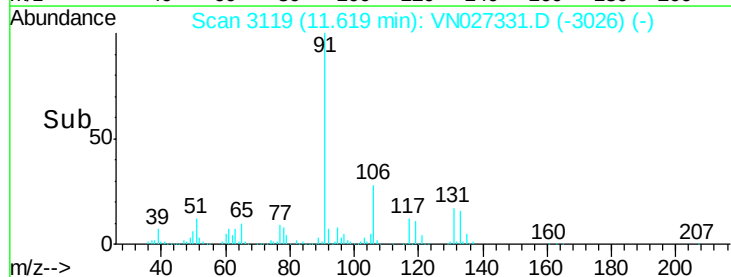
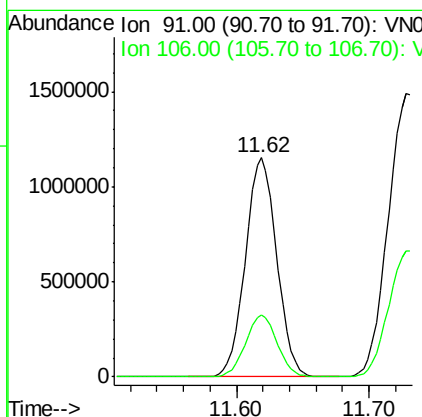
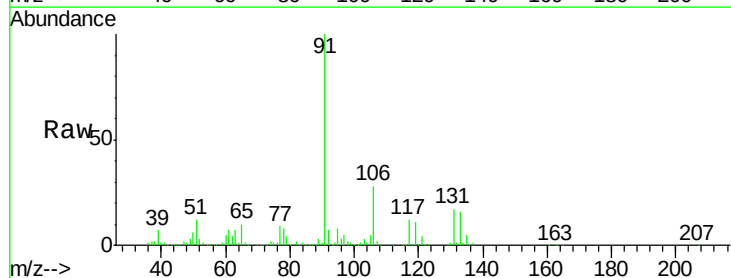
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN092115

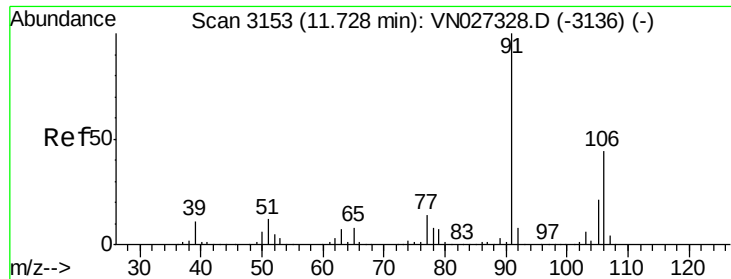
Tgt Ion:131 Resp: 339623
 Ion Ratio Lower Upper
 131 100
 133 94.4 47.0 141.2
 119 67.9 35.1 105.5



#68
 Ethyl Benzene
 Concen: 49.35 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 91 Resp: 1887651
 Ion Ratio Lower Upper
 91 100
 106 28.3 23.1 34.7





#69

m/p-Xylenes

Concen: 98.32 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

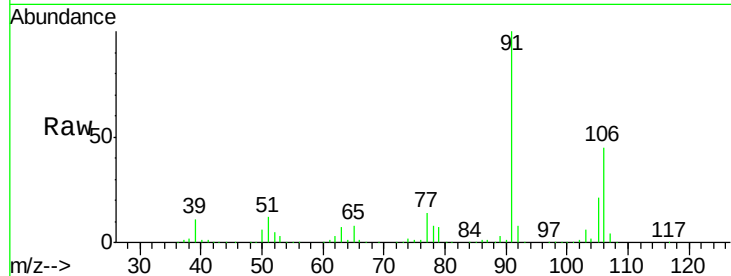
ICVVN092115

Tgt Ion:106 Resp: 1303690

Ion Ratio Lower Upper

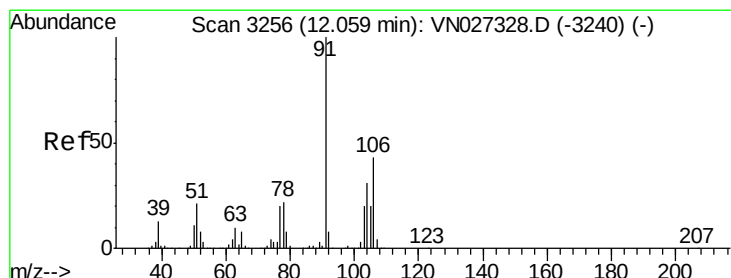
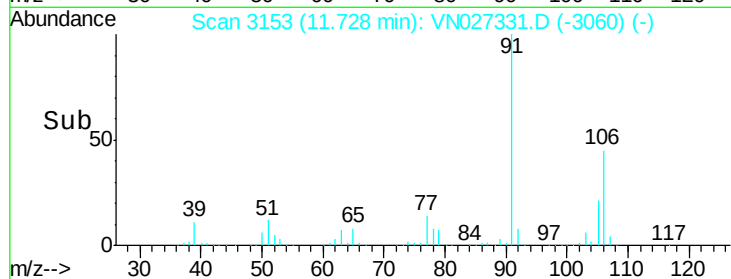
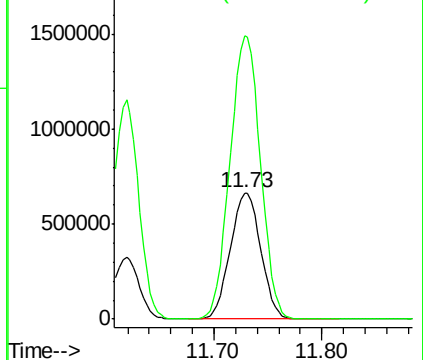
106 100

91 224.4 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 48.03 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027331.D

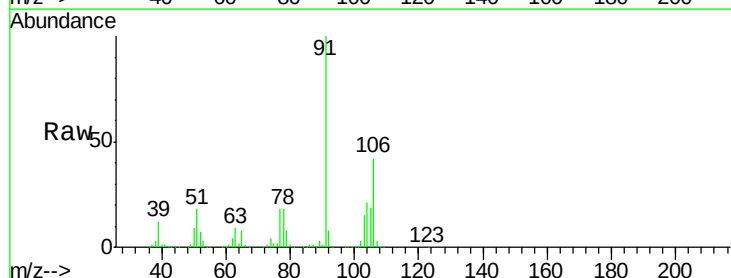
Acq: 21 Sep 2015 13:39

Tgt Ion:106 Resp: 643540

Ion Ratio Lower Upper

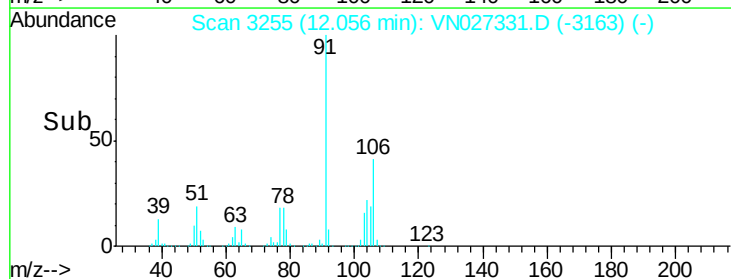
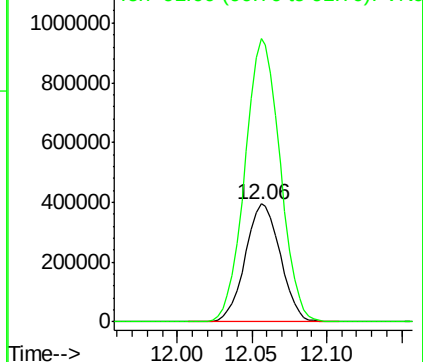
106 100

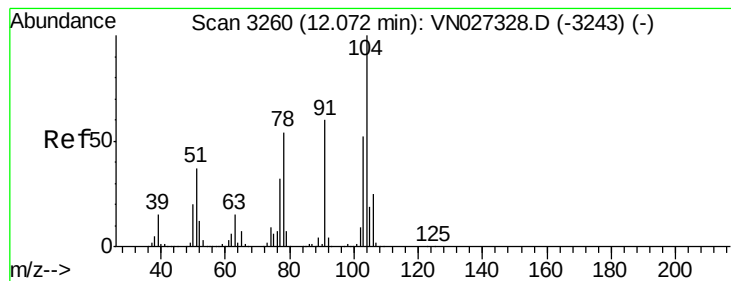
91 240.1 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Styrene

Concen: 50.77 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICV092115

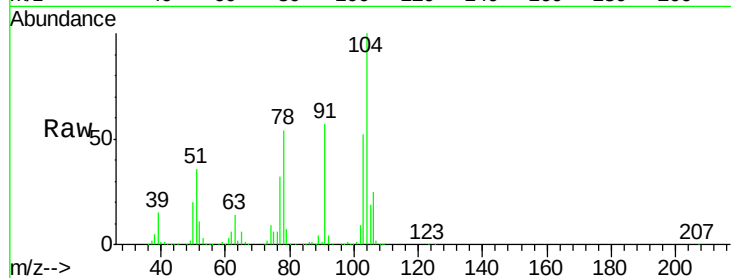
Tgt Ion:104 Resp: 1082980

Ion Ratio Lower Upper

104 100

78 59.4 41.6 62.4

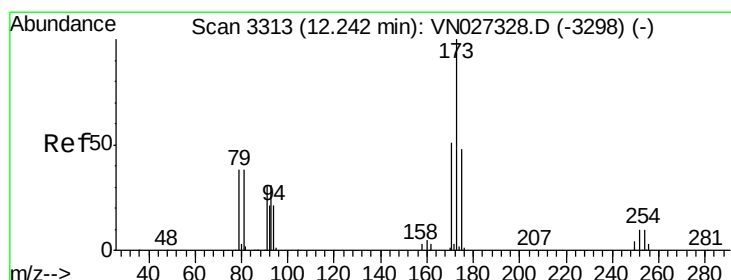
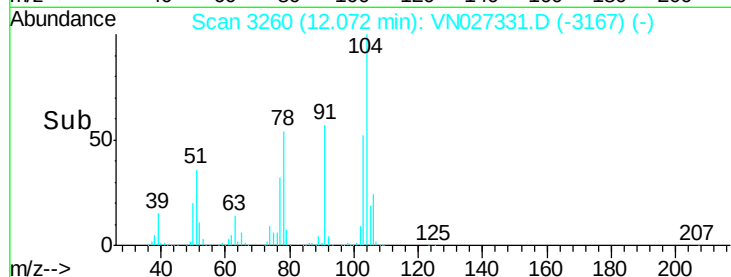
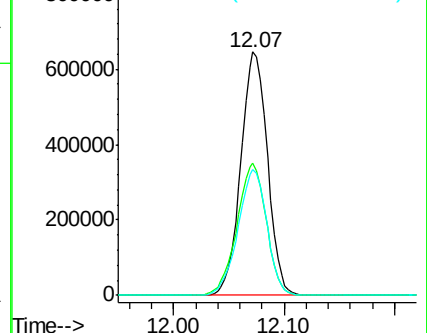
103 55.7 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 50.32 ug/l

RT: 12.24 min Scan# 3312

Delta R.T. -0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

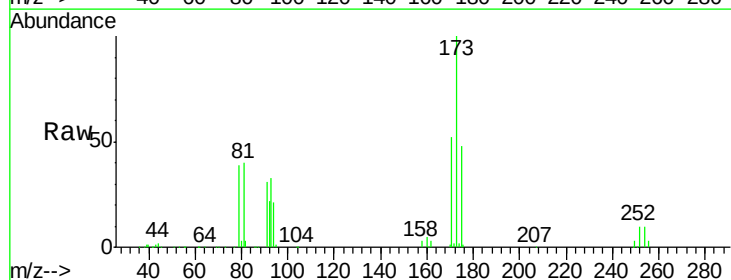
Tgt Ion:173 Resp: 229716

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

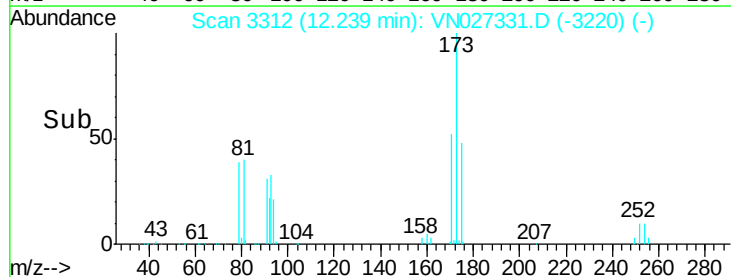
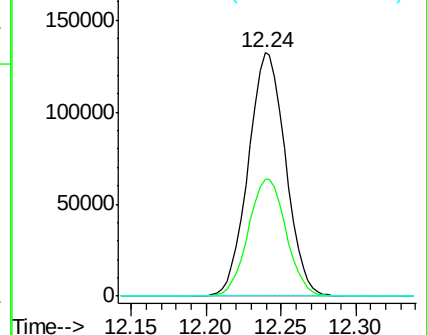
254 0.1 0.1 0.1#

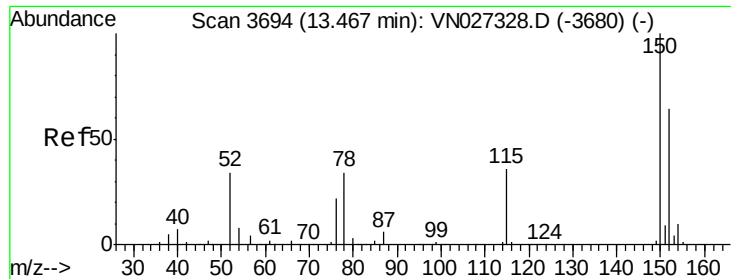


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

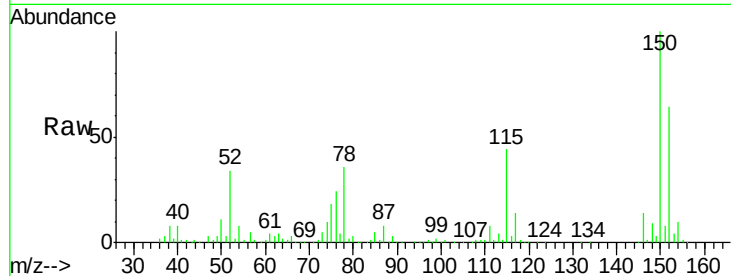
Tgt Ion:152 Resp: 372405

Ion Ratio Lower Upper

152 100

115 68.6 30.8 92.3

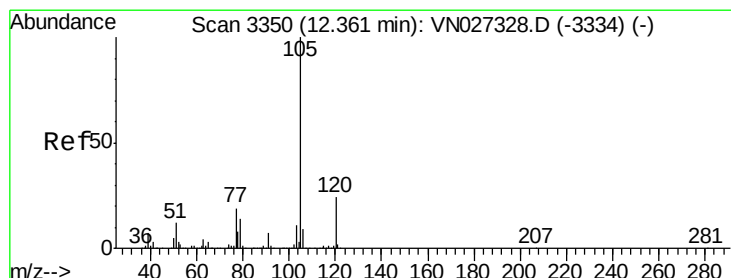
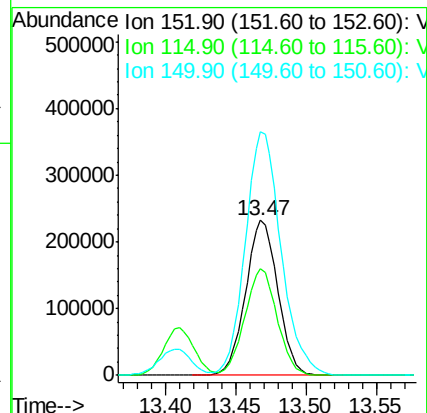
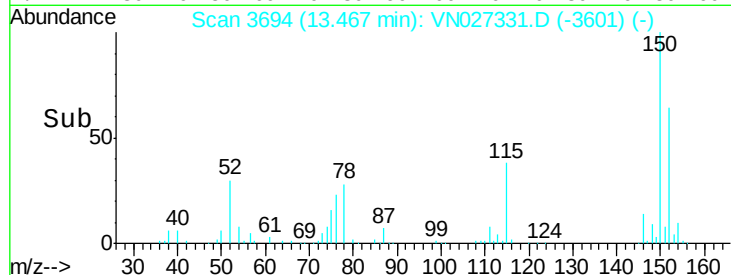
150 173.5 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

Isopropylbenzene

Concen: 47.53 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027331.D

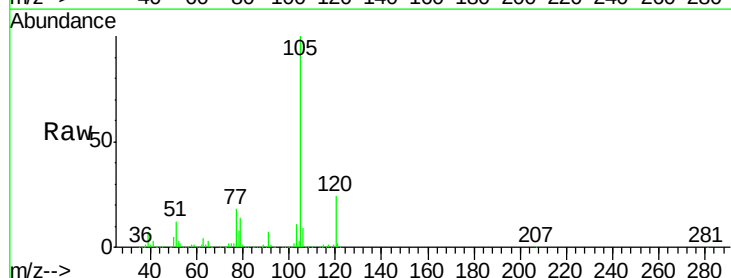
Acq: 21 Sep 2015 13:39

Tgt Ion:105 Resp: 1773339

Ion Ratio Lower Upper

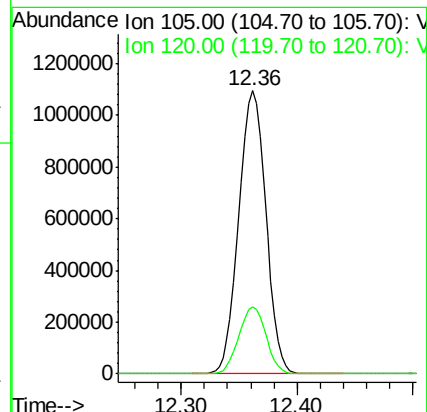
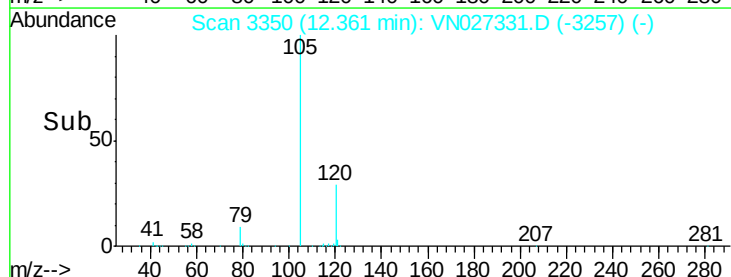
105 100

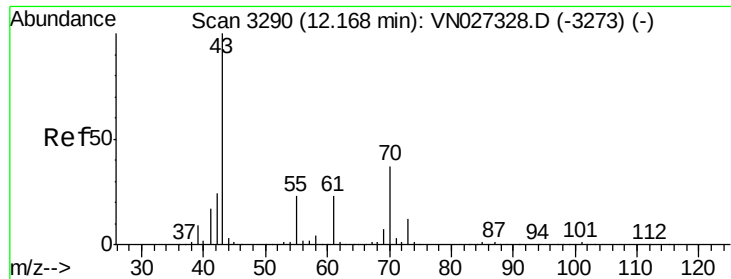
120 23.7 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 50.92 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

Tgt Ion: 43 Resp: 753720

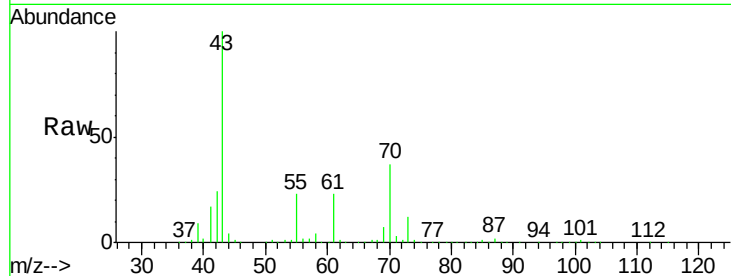
Ion Ratio Lower Upper

43 100

70 37.8 29.8 44.8

55 22.9 19.4 29.0

61 23.2 18.2 27.2

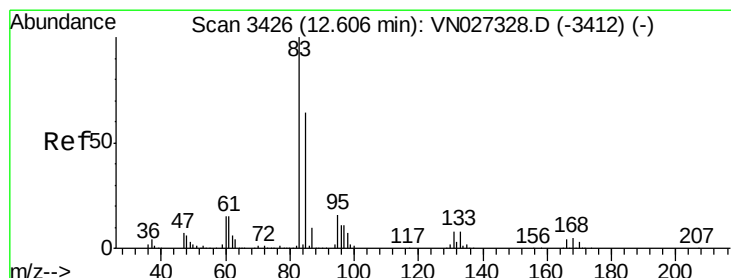
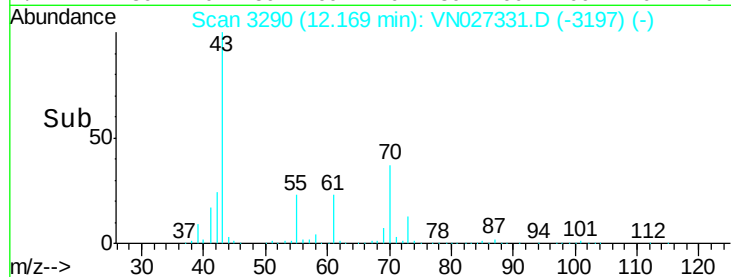
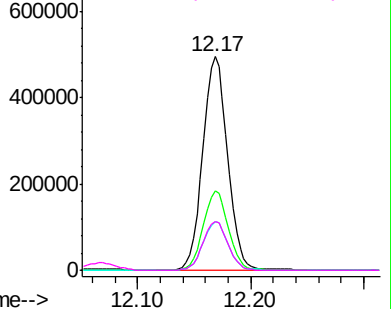


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,1,2,2-Tetrachloroethane

Concen: 46.86 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

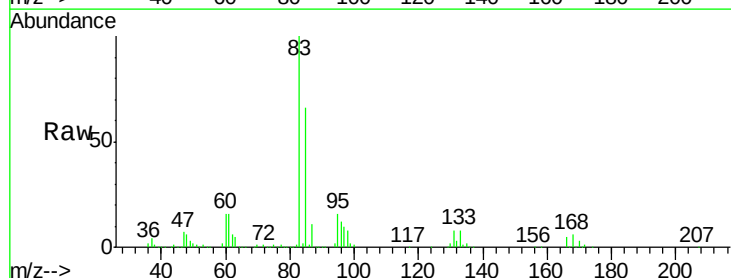
Tgt Ion: 83 Resp: 492066

Ion Ratio Lower Upper

83 100

131 8.3 4.1 12.3

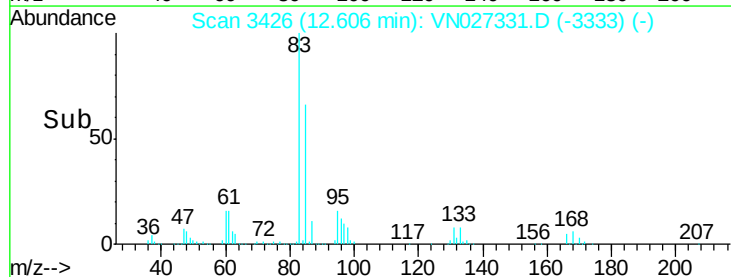
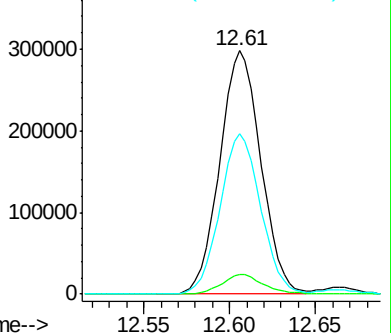
85 65.0 31.9 95.7

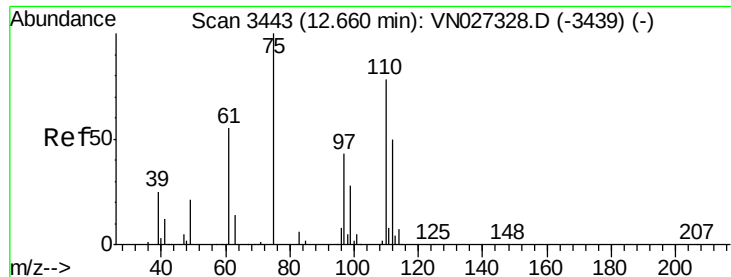


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 73.63 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampled :

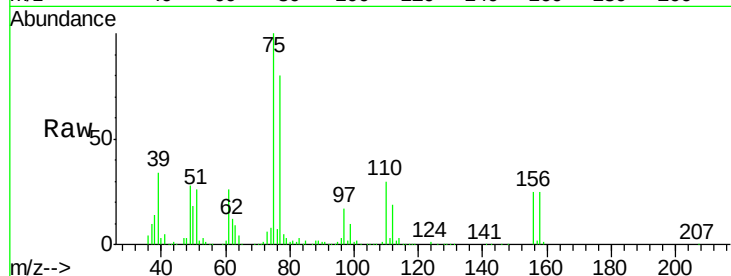
ICV092115

Tgt Ion: 75 Resp: 688462

Ion Ratio Lower Upper

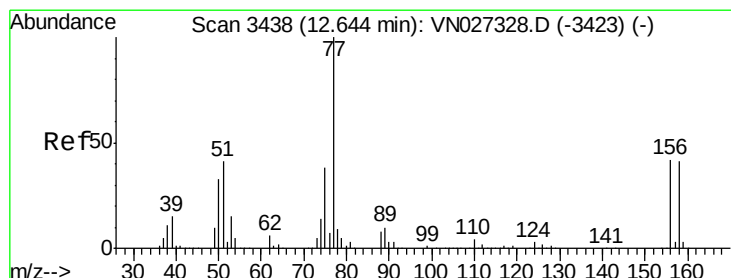
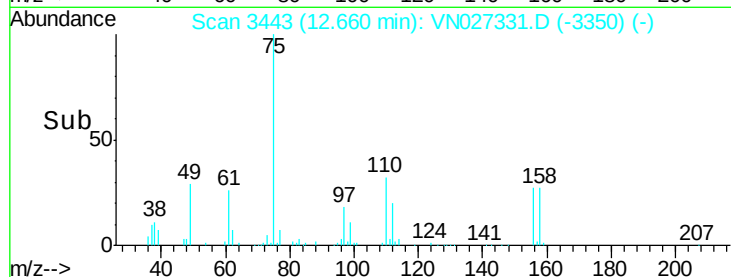
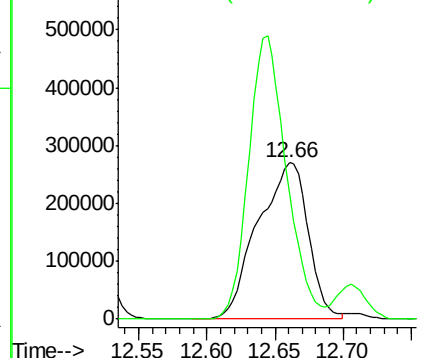
75 100

77 136.8 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

Bromobenzene

Concen: 47.46 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

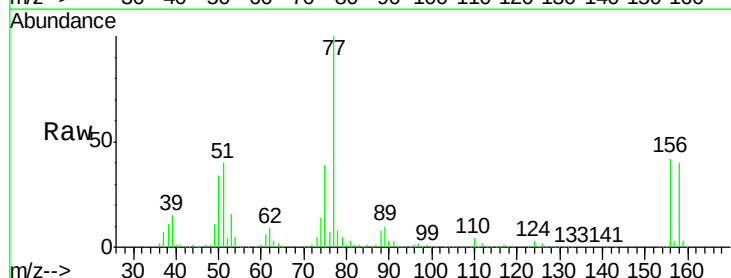
Tgt Ion: 156 Resp: 346486

Ion Ratio Lower Upper

156 100

77 271.8 127.3 381.9

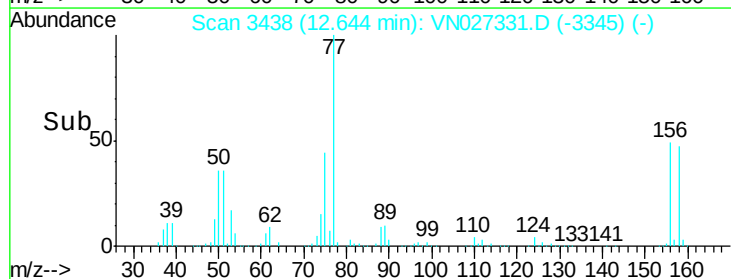
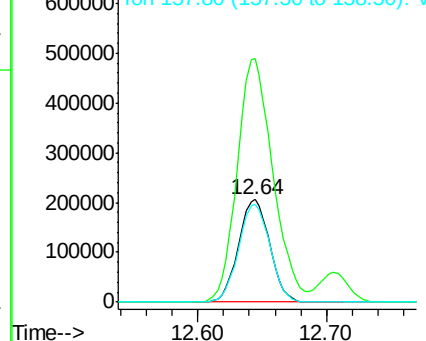
158 96.0 48.0 144.2

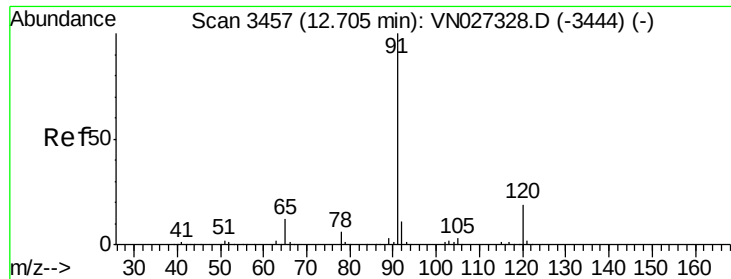


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#79

n-propylbenzene

Concen: 47.75 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampled :

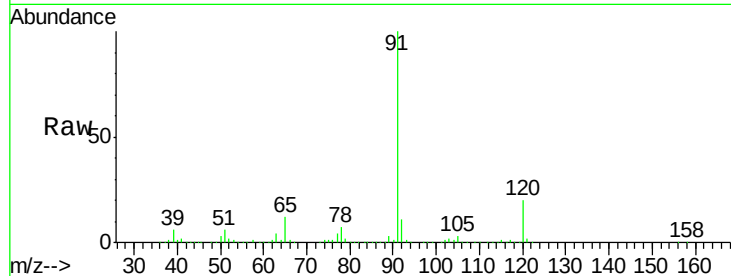
ICVVN092115

Tgt Ion: 91 Resp: 2124728

Ion Ratio Lower Upper

91 100

120 19.2 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.71

1500000

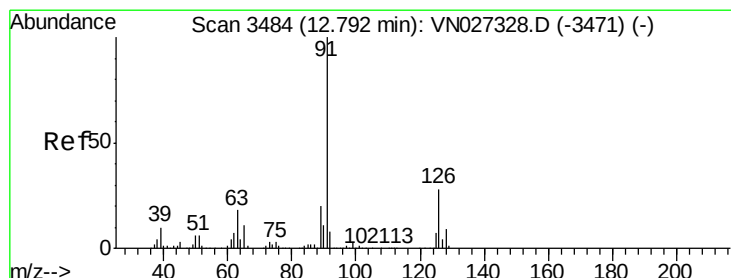
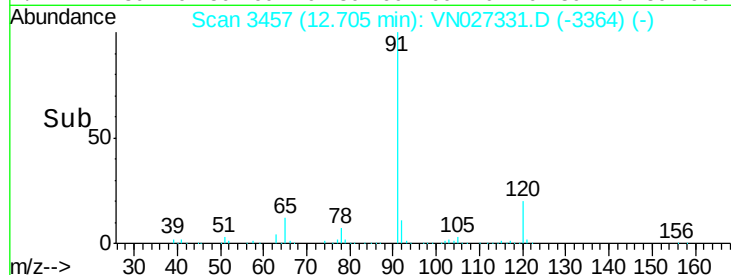
1000000

500000

0

Time-->

12.65 12.70 12.75



#80

2-Chlorotoluene

Concen: 46.25 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027331.D

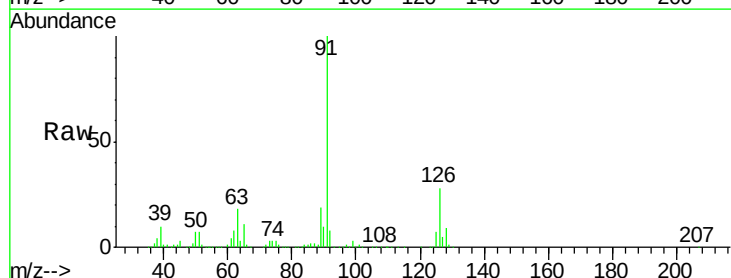
Acq: 21 Sep 2015 13:39

Tgt Ion: 91 Resp: 1258084

Ion Ratio Lower Upper

91 100

126 27.5 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.79

1200000

1000000

800000

600000

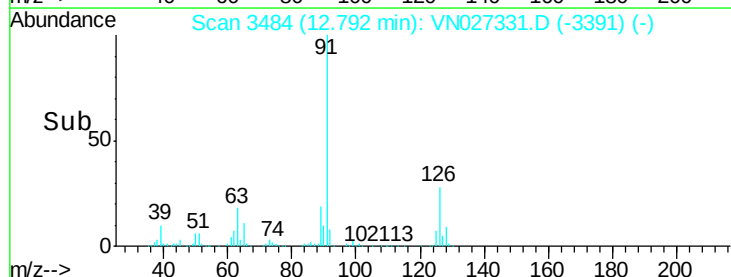
400000

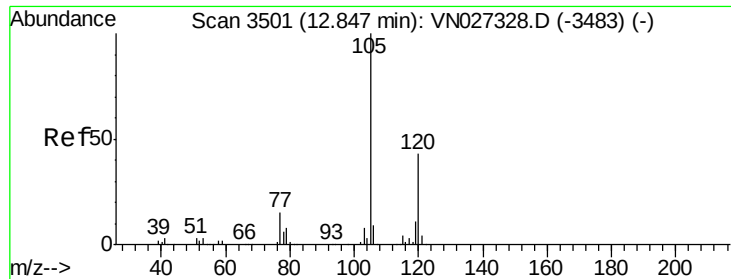
200000

0

Time-->

12.75 12.80

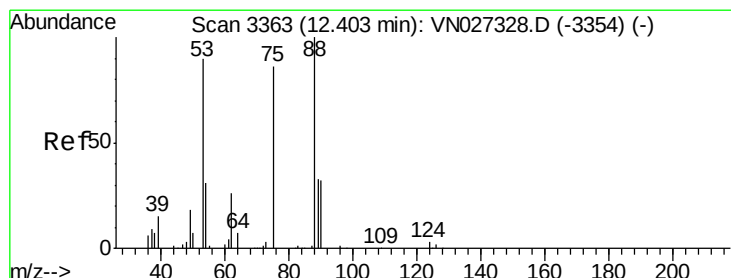
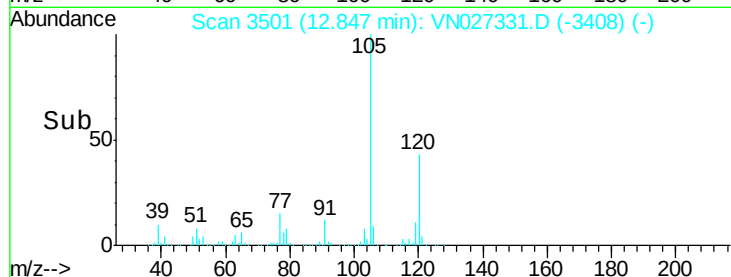
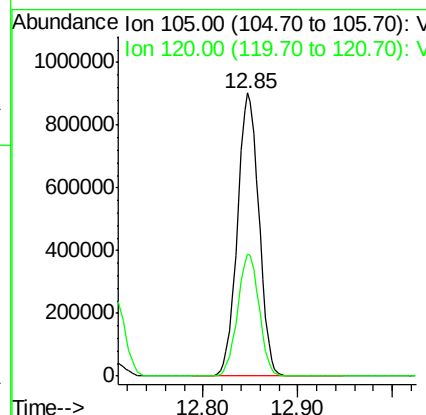
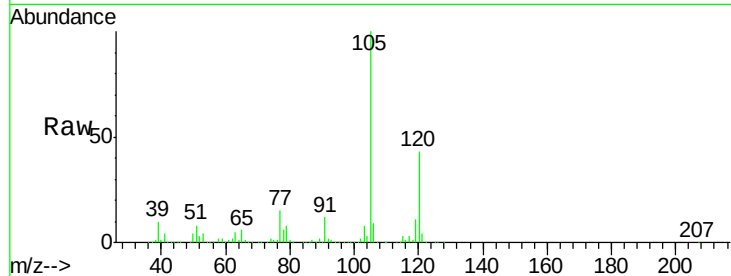




#81
 1,3,5-Trimethylbenzene
 Concen: 47.16 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

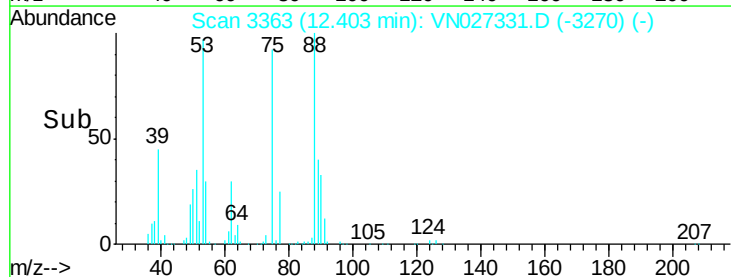
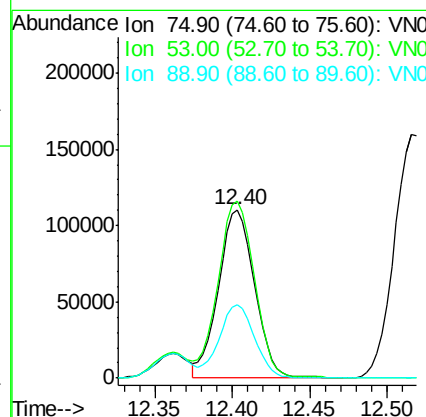
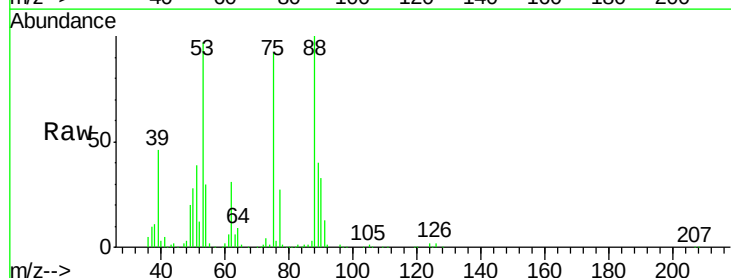
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

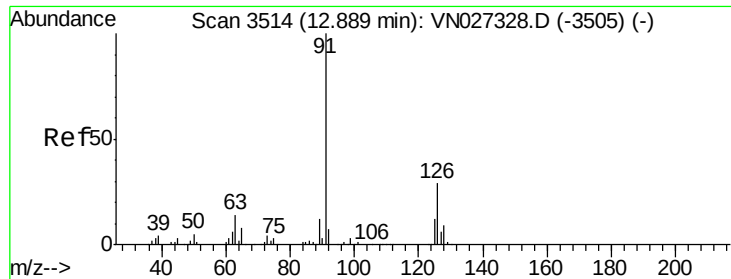
Tgt Ion: 105 Resp: 1422256
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 48.89 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 75 Resp: 178244
 Ion Ratio Lower Upper
 75 100
 53 106.4 92.9 139.3
 89 43.3 34.2 51.4

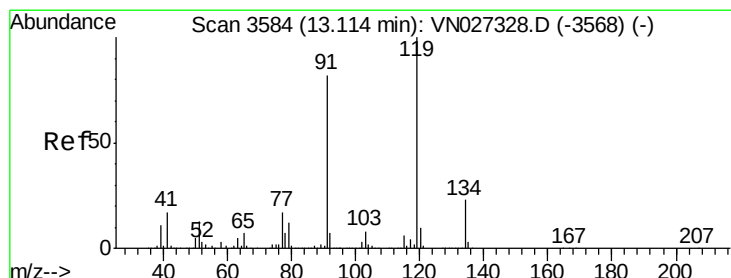
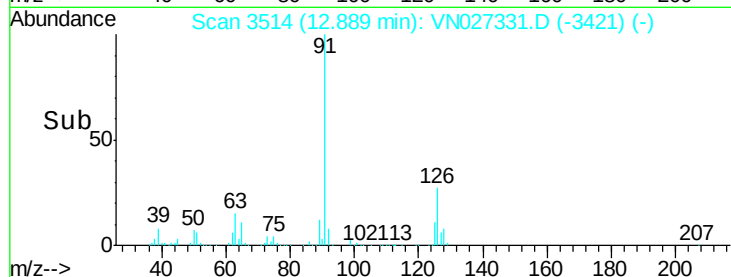
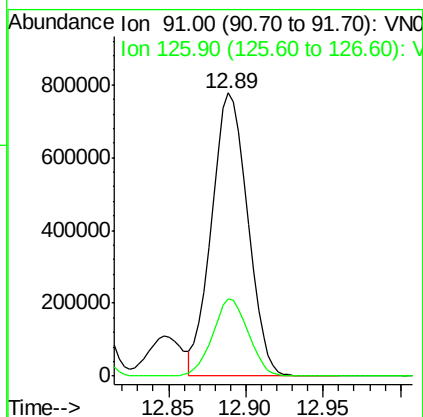
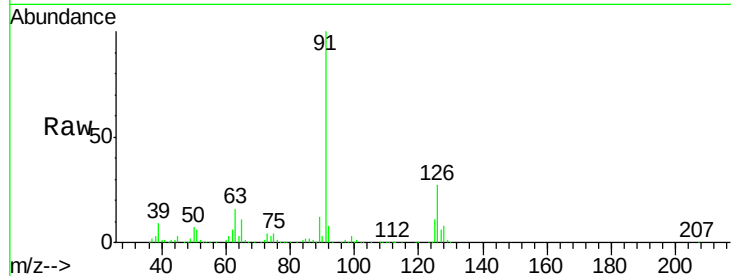




#83
4-Chlorotoluene
Concen: 47.45 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

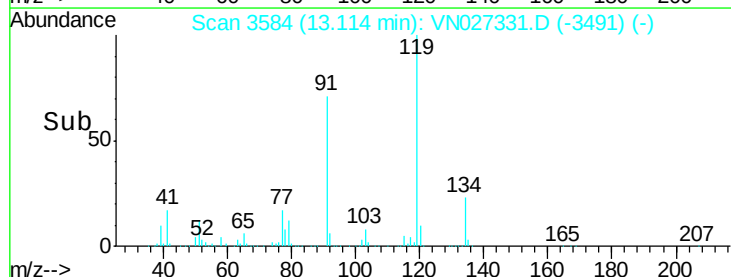
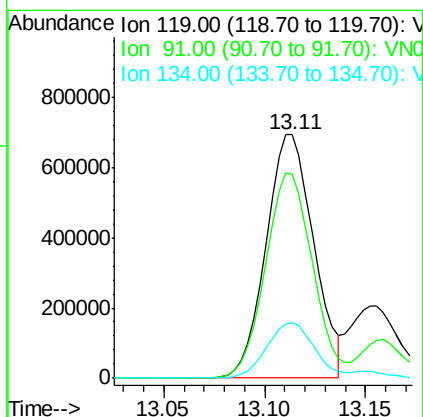
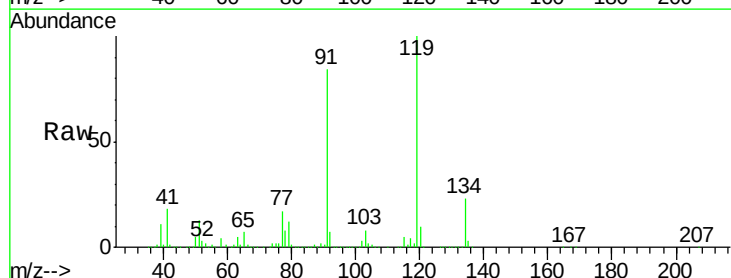
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092115

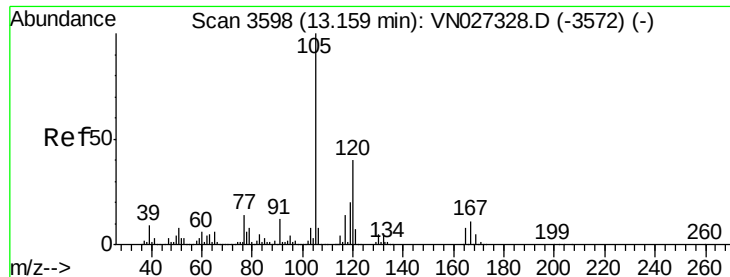
Tgt Ion: 91 Resp: 1259538
Ion Ratio Lower Upper
91 100
126 27.1 14.9 44.5



#84
tert-Butylbenzene
Concen: 46.84 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027331.D
Acq: 21 Sep 2015 13:39

Tgt Ion: 119 Resp: 1139062
Ion Ratio Lower Upper
119 100
91 82.7 34.6 103.8
134 22.5 11.4 34.2

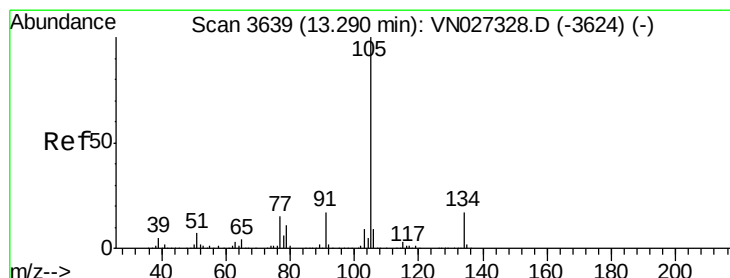
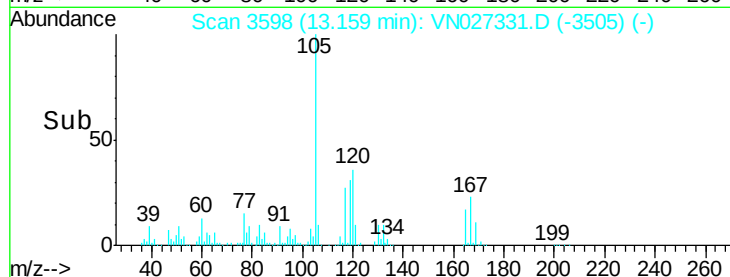
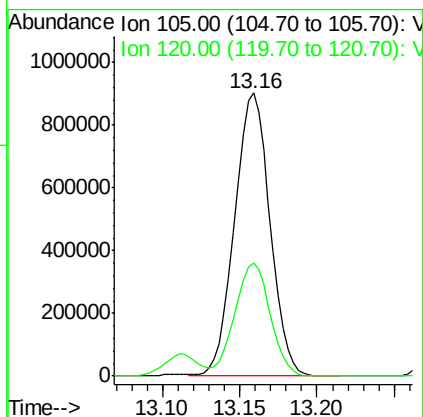
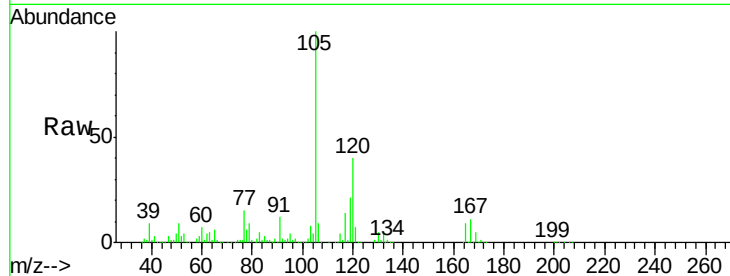




#85
 1,2,4-Trimethylbenzene
 Concen: 47.67 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

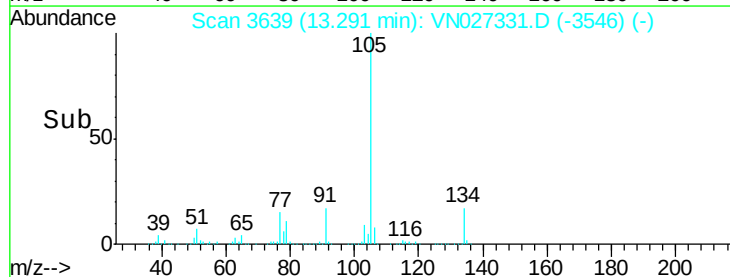
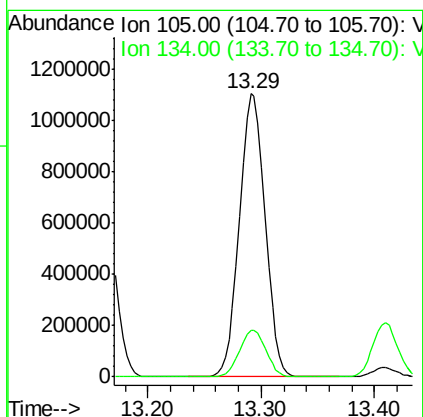
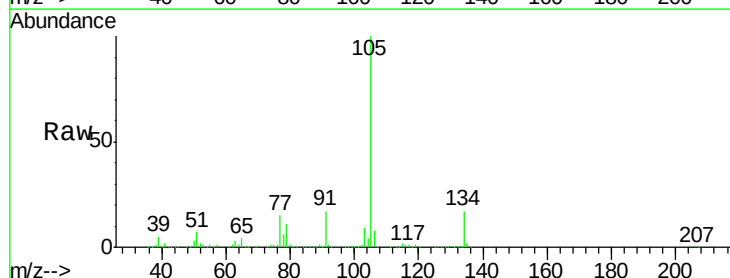
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

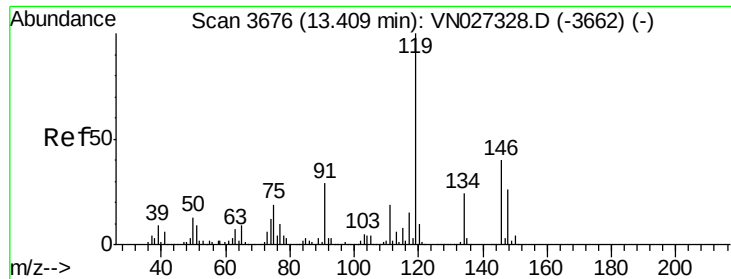
Tgt Ion:105 Resp: 1429801
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 48.29 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion:105 Resp: 1749127
 Ion Ratio Lower Upper
 105 100
 134 17.0 8.8 26.4

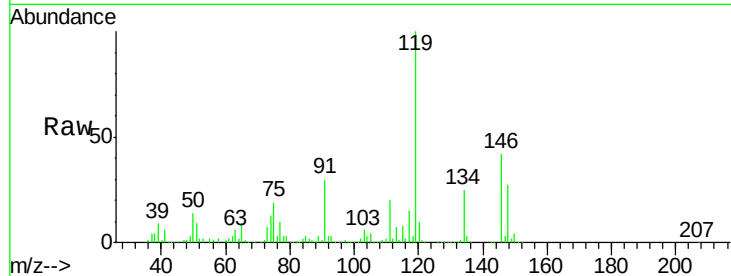




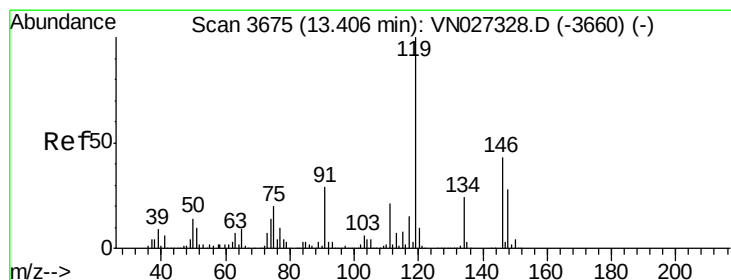
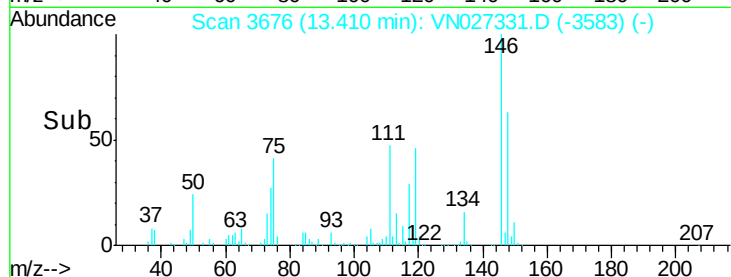
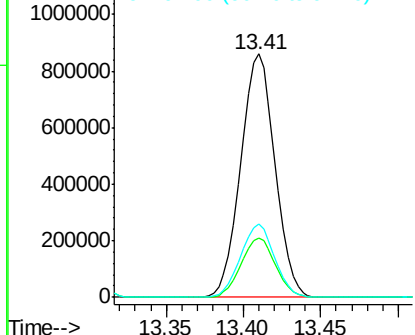
#87
 p-Isopropyltoluene
 Concen: 48.71 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

Tgt Ion:119 Resp: 1322882
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.4 37.0
 91 29.8 12.0 36.1

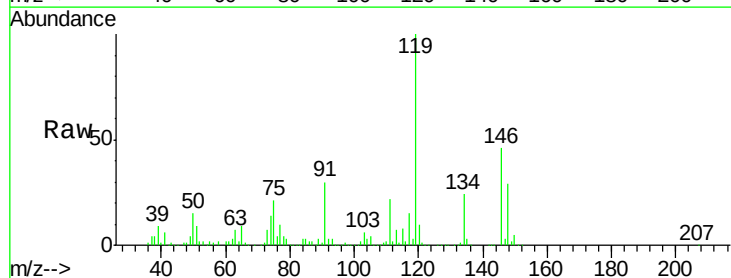


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

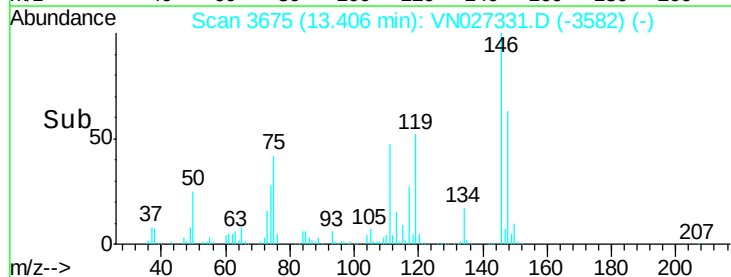
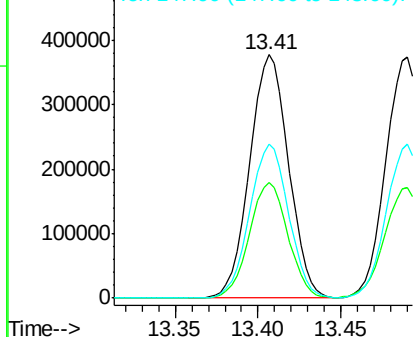


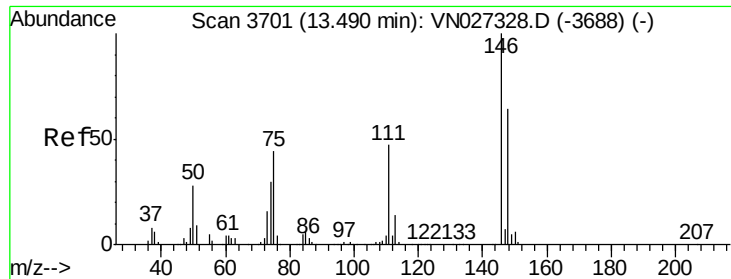
#88
 1,3-Dichlorobenzene
 Concen: 48.82 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion:146 Resp: 614996
 Ion Ratio Lower Upper
 146 100
 111 47.1 21.0 63.0
 148 63.3 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

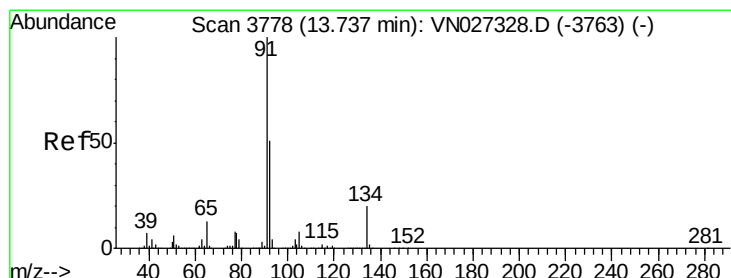
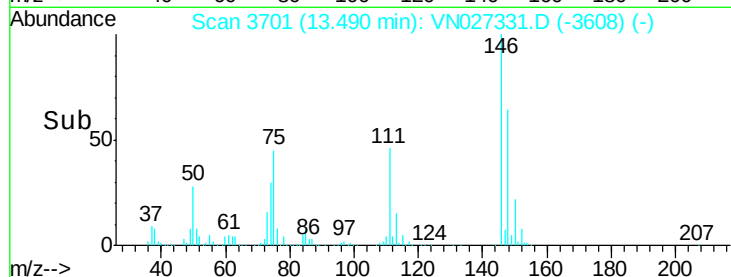
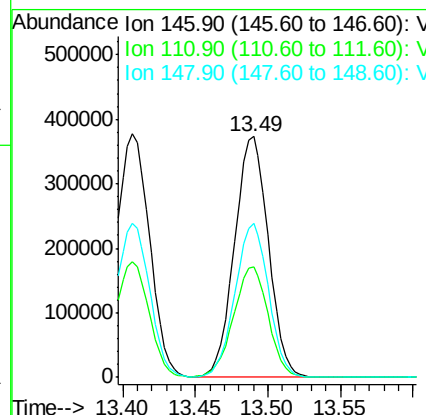
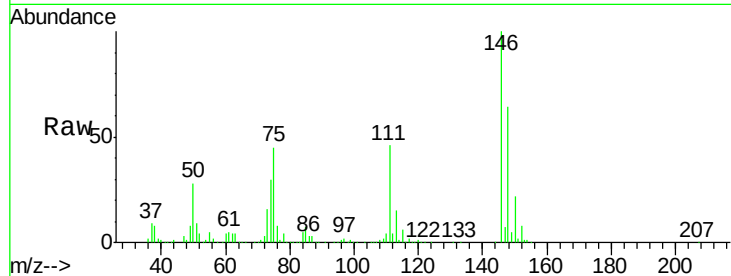




#89
 1,4-Dichlorobenzene
 Concen: 47.36 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

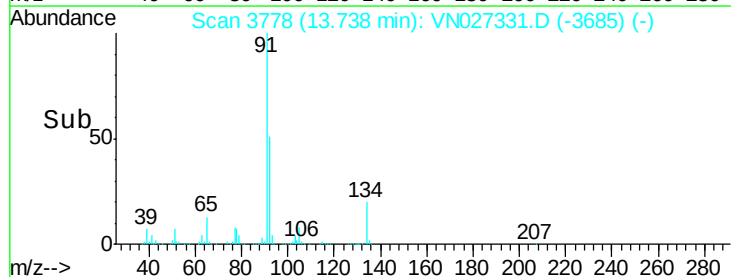
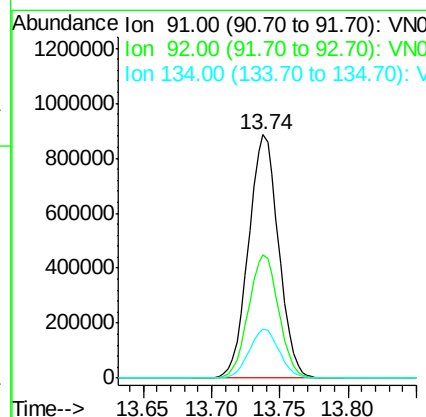
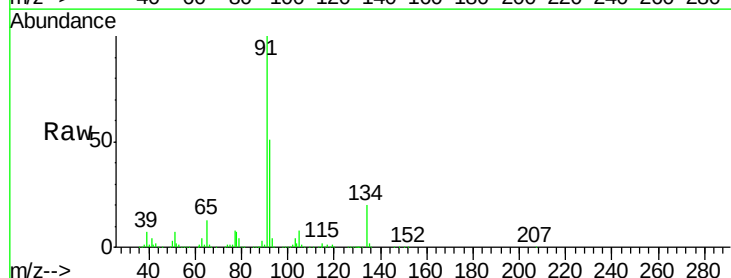
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

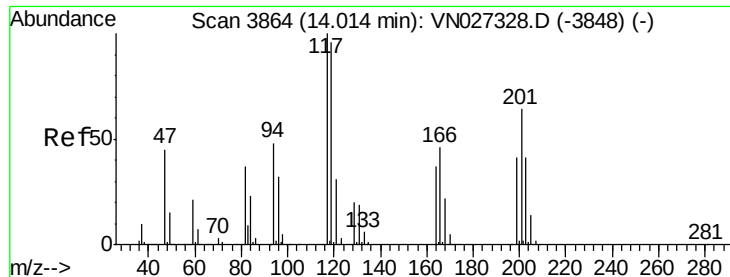
Tgt Ion: 146 Resp: 603754
 Ion Ratio Lower Upper
 146 100
 111 46.8 19.9 59.6
 148 63.3 31.7 95.1



#90
 n-Butylbenzene
 Concen: 49.87 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Tgt Ion: 91 Resp: 1352632
 Ion Ratio Lower Upper
 91 100
 92 51.0 26.1 78.2
 134 20.3 11.1 33.1





#91

Hexachloroethane

Concen: 47.47 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

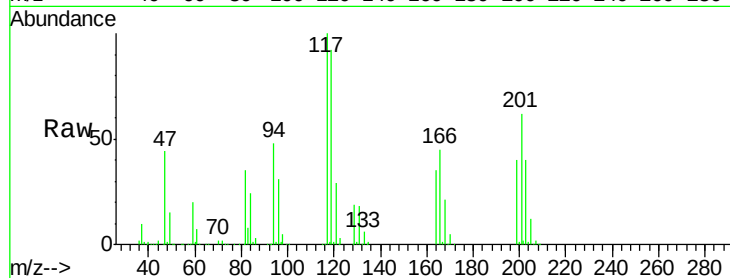
ICV092115

Tgt Ion:117 Resp: 275666

Ion Ratio Lower Upper

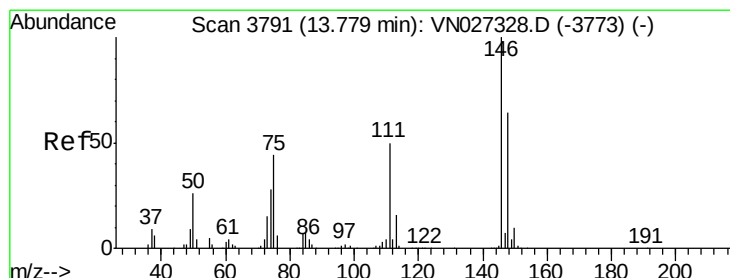
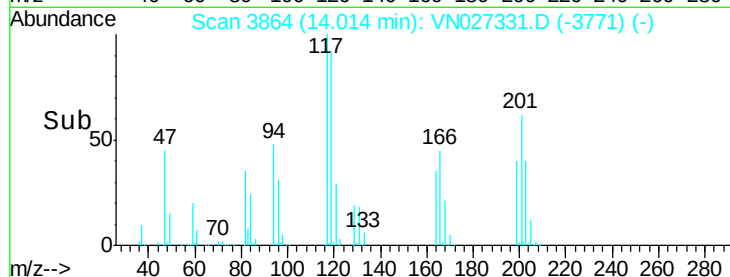
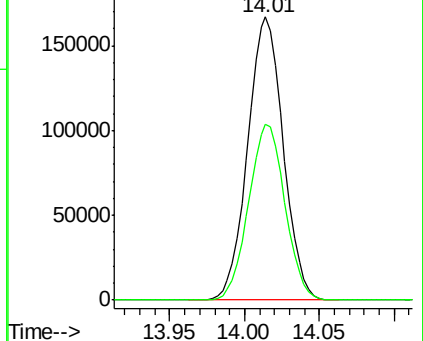
117 100

201 63.4 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 47.70 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

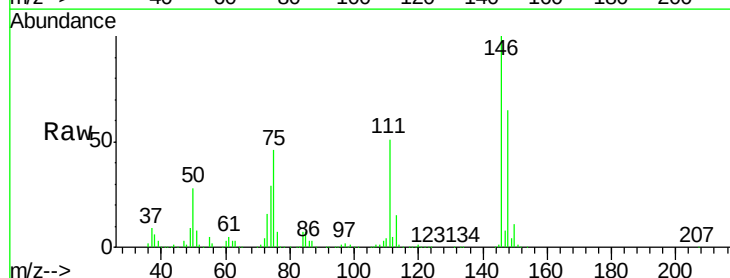
Tgt Ion:146 Resp: 600279

Ion Ratio Lower Upper

146 100

111 50.8 22.1 66.3

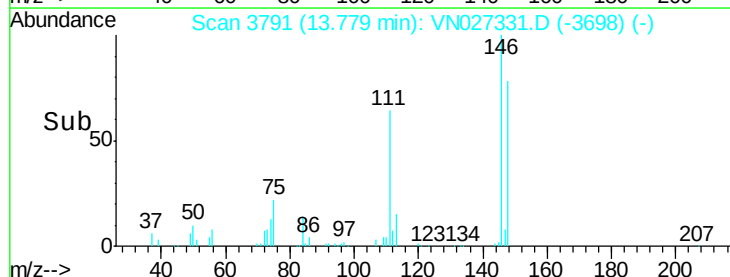
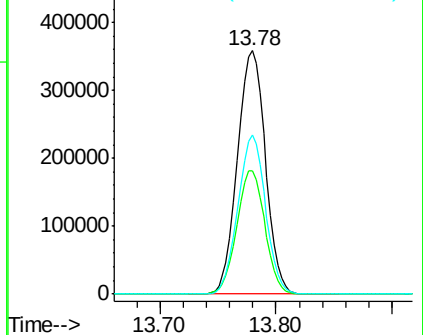
148 64.1 32.0 96.0

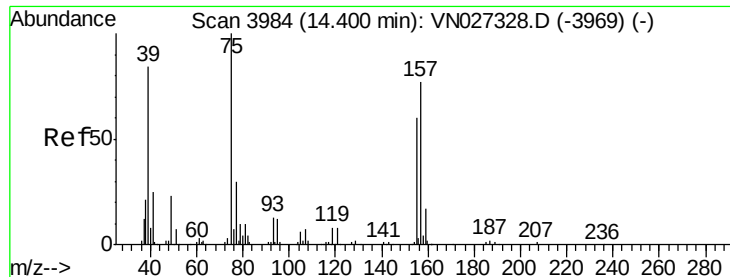


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 48.89 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092115

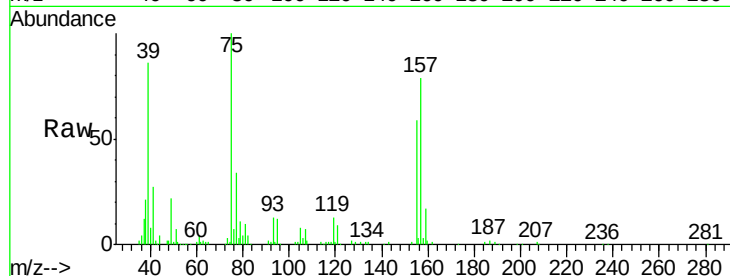
Tgt Ion: 75 Resp: 100616

Ion Ratio Lower Upper

75 100

155 59.3 35.6 106.9

157 76.5 44.6 133.8



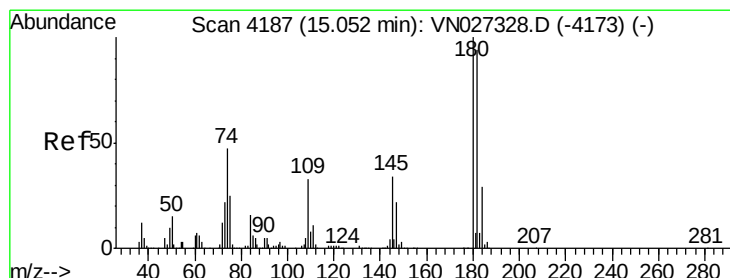
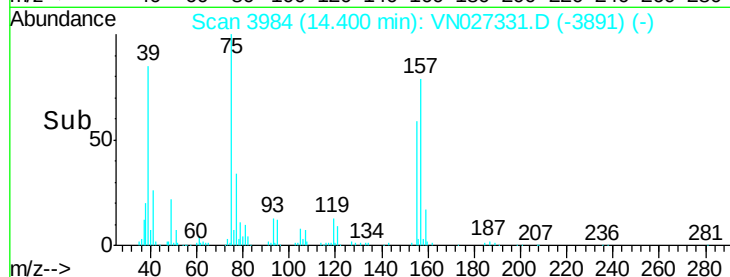
Abundance Ion 74.90 (74.60 to 75.60): VN027328.D (-3969) (-)

Ion 154.80 (154.50 to 155.50): VN027328.D (-3969) (-)

Ion 156.80 (156.50 to 157.50): VN027328.D (-3969) (-)

Time-->

14.35 14.40 14.45



#94

1,2,4-Trichlorobenzene

Concen: 51.66 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

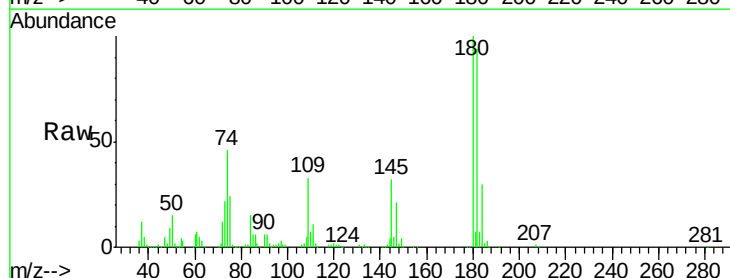
Tgt Ion: 180 Resp: 335976

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 32.8 15.1 45.3



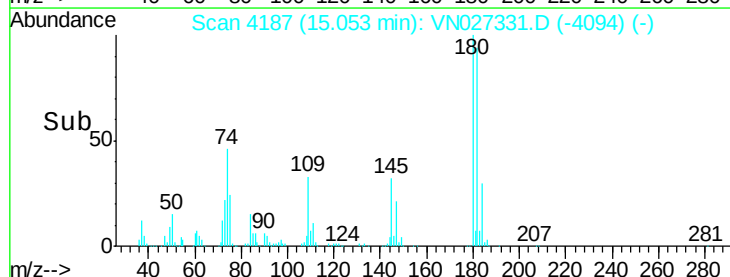
Abundance Ion 179.80 (179.50 to 180.50): VN027328.D (-4173) (-)

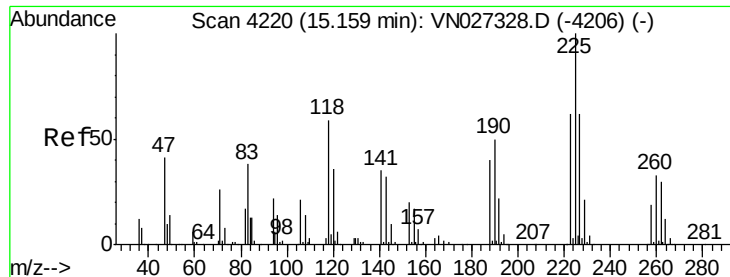
Ion 181.80 (181.50 to 182.50): VN027328.D (-4173) (-)

Ion 144.80 (144.50 to 145.50): VN027328.D (-4173) (-)

Time-->

15.00 15.10





#95

Hexachlorobutadiene

Concen: 47.39 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

Instrument :

MSVOA_N

ClientSampled :

ICVVN092115

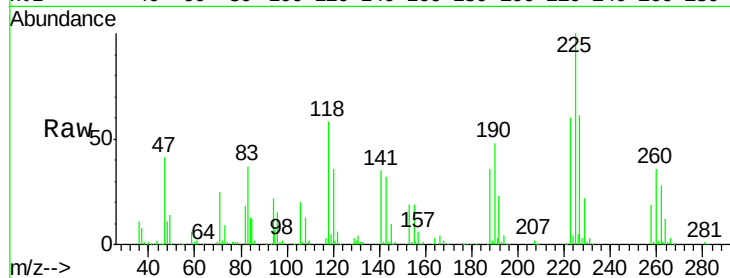
Tgt Ion:225 Resp: 168869

Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

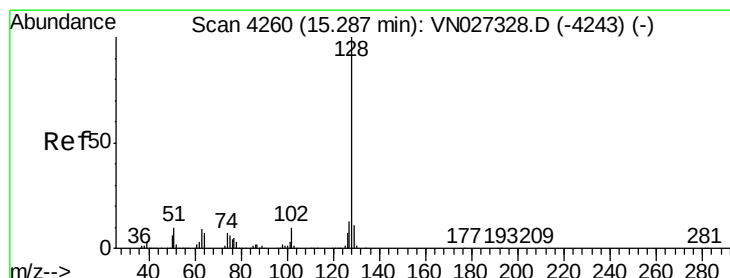
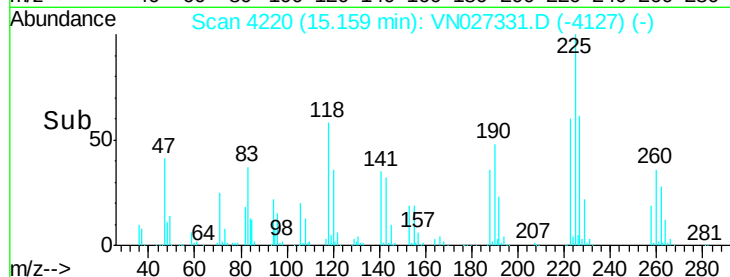
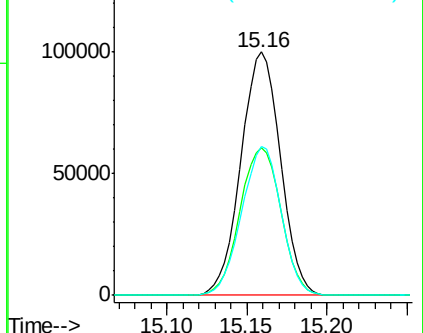
227 61.0 31.7 95.1



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: 47.02 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027331.D

Acq: 21 Sep 2015 13:39

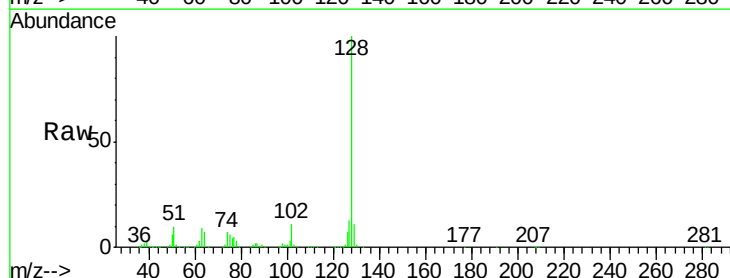
Tgt Ion:128 Resp: 931798

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

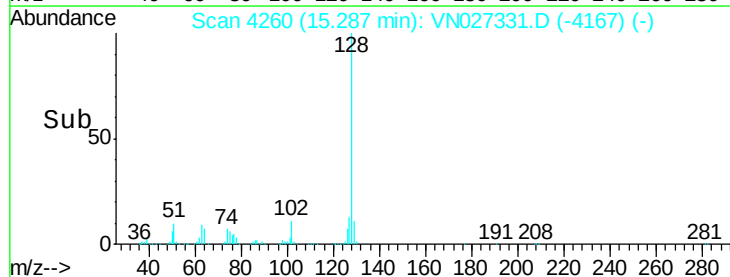
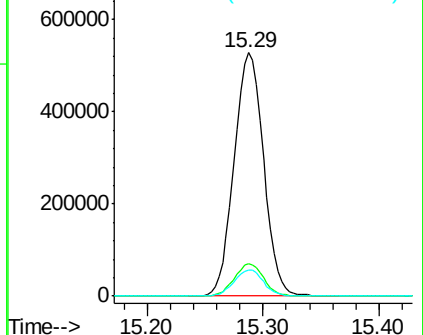
129 10.7 8.6 12.8

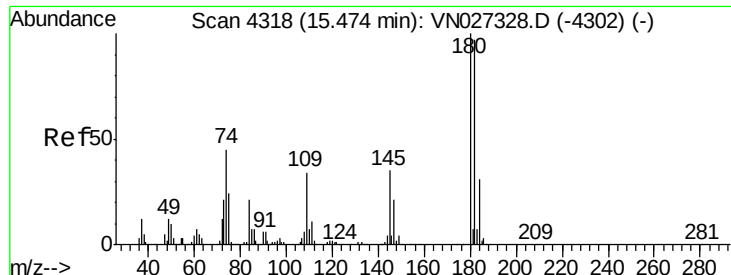


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 50.81 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027331.D
 Acq: 21 Sep 2015 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092115

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.8	146.4
145	35.4	16.6	49.8

