

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
 Data File : VN027328.D
 Acq On : 21 Sep 2015 11:49
 Operator : MD\FY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 21 12:11:10 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 12:10:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	618069	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1139809	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	972752	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	377892	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	540028	42.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.28%	
36) Dibromofluoromethane	7.68	113	339747	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
51) Toluene-d8	10.19	98	1318092	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	
63) 4-Bromofluorobenzene	12.52	95	475561	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	303460	41.03	ug/l	99
3) Chlorodifluoromethane	1.82	51	412298	48.18	ug/l	93
4) Chloromethane	2.01	50	327247	39.74	ug/l	99
5) Vinyl Chloride	2.14	62	376971	43.16	ug/l	99
6) Bromomethane	2.54	94	150180	35.50	ug/l	99
7) Chloroethane	2.69	64	239180	40.28	ug/l	97
8) Trichlorofluoromethane	3.02	101	573812	43.49	ug/l	99
9) Diethyl Ether	3.42	74	250218	41.21	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	368786	44.50	ug/l	95
11) Methyl Iodide	3.99	142	282096	35.02	ug/l	92
12) Tert butyl alcohol	4.80	59	217314	175.49	ug/l	97
13) 1,1-Dichloroethene	3.77	96	337323	42.51	ug/l	95
14) Acrolein	3.62	56	305790	210.20	ug/l	97
15) Allyl chloride	4.37	41	642660	40.09	ug/l	# 81
16) Acrylonitrile	5.02	53	817239	201.81	ug/l	99
17) Acetone	3.82	43	754055	220.85	ug/l	98
18) Carbon Disulfide	4.11	76	986967	38.19	ug/l	98
19) Methyl Acetate	4.36	43	980249	39.64	ug/l	95
20) Methyl tert-butyl Ether	5.11	73	1316603	41.33	ug/l	97
21) Methylene Chloride	4.60	84	401080	42.17	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	367109	42.77	ug/l	99
23) Diisopropyl ether	6.03	45	1398899	41.60	ug/l	# 89
24) Vinyl Acetate	5.97	43	3039197	273.04	ug/l	98
25) 1,1-Dichloroethane	5.93	63	816351	41.78	ug/l	99
26) 2-Butanone	6.91	43	1036473	201.59	ug/l	97
27) 2,2-Dichloropropane	6.92	77	732347	43.21	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	429528	43.63	ug/l	95
29) Bromochloromethane	7.29	49	326044	43.00	ug/l	96
30) Tetrahydrofuran	7.31	42	629712	177.71	ug/l	89
31) Chloroform	7.45	83	781369	44.26	ug/l	99
32) Cyclohexane	7.77	56	758643	43.50	ug/l	91
33) 1,1,1-Trichloroethane	7.67	97	680826	43.26	ug/l	96
37) 1,1-Dichloropropene	7.89	75	590504	44.26	ug/l	98
38) Ethyl Acetate	7.02	43	458226	40.19	ug/l	99

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Quant Time: Sep 21 12:11:10 2015
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 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 12:10:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	549853	43.83	ug/l	99
40) Methylcyclohexane	9.19	83	714686	43.99	ug/l	96
41) Benzene	8.14	78	1695112	43.54	ug/l	98
42) Methacrylonitrile	7.24	41	262351	40.68	ug/l #	90
43) 1,2-Dichloroethane	8.22	62	684833	43.67	ug/l	95
44) Isopropyl Acetate	8.25	43	842437	39.51	ug/l	96
45) Trichloroethene	8.93	130	349541	44.70	ug/l	90
46) 1,2-Dichloropropane	9.22	63	472161	42.16	ug/l	99
47) Dibromomethane	9.31	93	286525	43.57	ug/l	91
48) Bromodichloromethane	9.49	83	614565	44.34	ug/l	99
49) Methyl methacrylate	9.29	41	412444	38.83	ug/l #	87
50) 1,4-Dioxane	9.30	88	92325	741.04	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	2160132	191.62	ug/l	98
53) Toluene	10.26	92	1006461	44.14	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	662553	42.57	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	731264	43.19	ug/l	94
56) 1,1,2-Trichloroethane	10.66	97	377907	44.10	ug/l	100
57) Ethyl methacrylate	10.52	69	590634	40.90	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	685359	43.08	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1436514	216.63	ug/l	98
60) 2-Hexanone	10.84	43	1477832	192.55	ug/l	100
61) Dibromochloromethane	11.00	129	374267	42.76	ug/l	98
62) 1,2-Dibromoethane	11.11	107	358292	42.54	ug/l	99
65) Tetrachloroethene	10.74	164	275777	44.33	ug/l	95
66) Chlorobenzene	11.54	112	995901	43.37	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	340385	43.45	ug/l	97
68) Ethyl Benzene	11.62	91	1912523	43.92	ug/l	99
69) m/p-Xylenes	11.73	106	1323469	88.09	ug/l	90
70) o-Xylene	12.06	106	654157	43.43	ug/l	90
71) Styrene	12.07	104	1076516	44.27	ug/l	94
72) Bromoform	12.24	173	225540	41.40	ug/l #	99
74) Isopropylbenzene	12.36	105	1799110	43.20	ug/l	97
75) N-amyl acetate	12.17	43	727846	39.16	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	475921	43.85	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	664356	58.17	ug/l	58
78) Bromobenzene	12.64	156	342098	41.89	ug/l	92
79) n-propylbenzene	12.71	91	2186729	44.63	ug/l	97
80) 2-Chlorotoluene	12.79	91	1279435	43.49	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1450499	43.36	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	174643	37.56	ug/l	92
83) 4-Chlorotoluene	12.89	91	1307045	45.22	ug/l	94
84) tert-Butylbenzene	13.11	119	1152090	41.74	ug/l	88
85) 1,2,4-Trimethylbenzene	13.16	105	1467911	43.69	ug/l	94
86) sec-Butylbenzene	13.29	105	1786208	44.17	ug/l	99
87) p-Isopropyltoluene	13.41	119	1359768	43.66	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	616405	44.11	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	613585	43.36	ug/l	95
90) n-Butylbenzene	13.74	91	1405052	46.49	ug/l	98
91) Hexachloroethane	14.01	117	281500	41.30	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	608156	44.04	ug/l	96

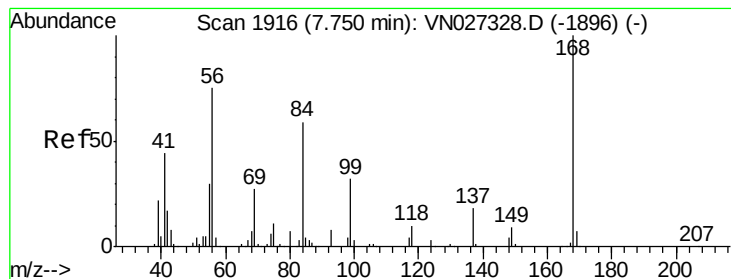
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	93366	38.95	ug/l	88
94) 1,2,4-Trichlorobenzene	15.05	180	343815	46.09	ug/l	98
95) Hexachlorobutadiene	15.16	225	176856	45.02	ug/l	99
96) Naphthalene	15.29	128	884686	40.45	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	332170	44.79	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

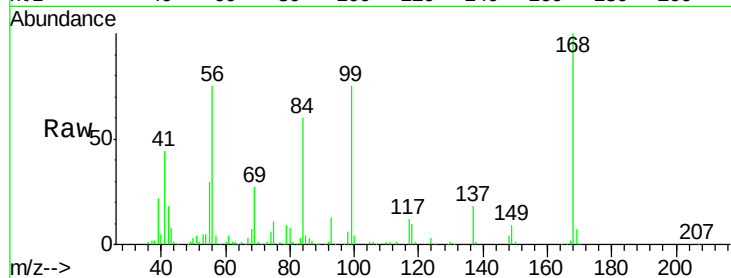
VSTDICCC050

Tgt Ion:168 Resp: 618069

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

7.75

250000

200000

150000

100000

50000

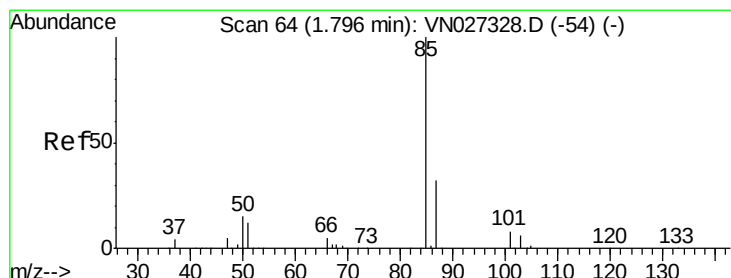
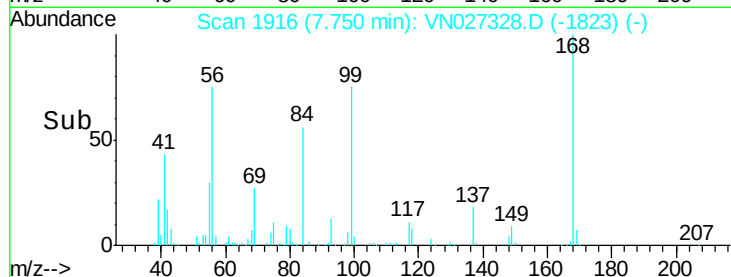
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.03 ug/l

RT: 1.80 min Scan# 64

Delta R.T. 0.00 min

Lab File: VN027328.D

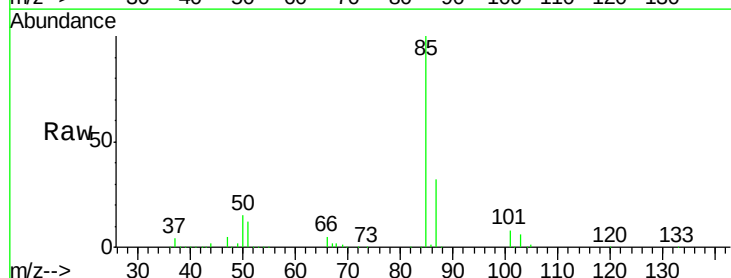
Acq: 21 Sep 2015 11:49

Tgt Ion: 85 Resp: 303460

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.80

250000

200000

150000

100000

50000

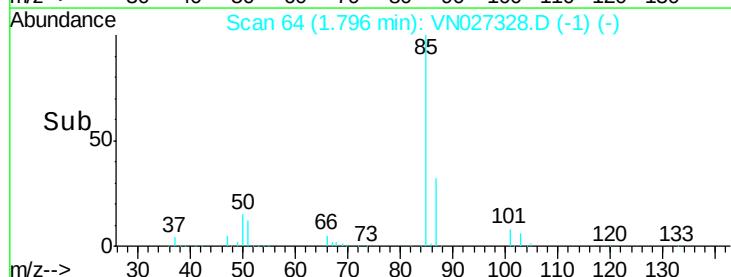
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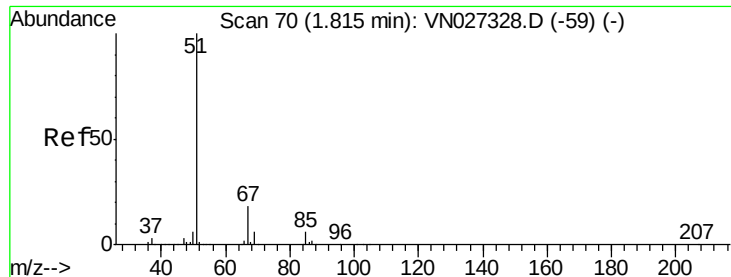
1.75

1.80

1.85

Time-->





#3

Chlorodifluoromethane

Concen: 48.18 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

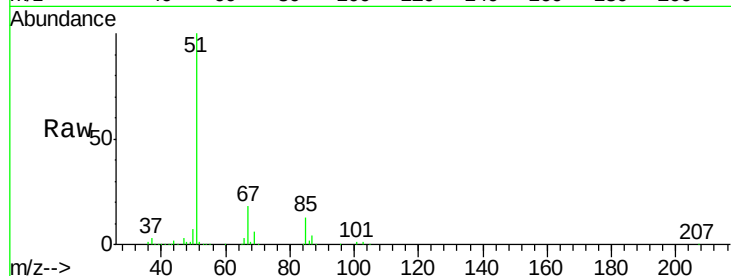
VSTDICCC050

Tgt Ion: 51 Resp: 412298

Ion Ratio Lower Upper

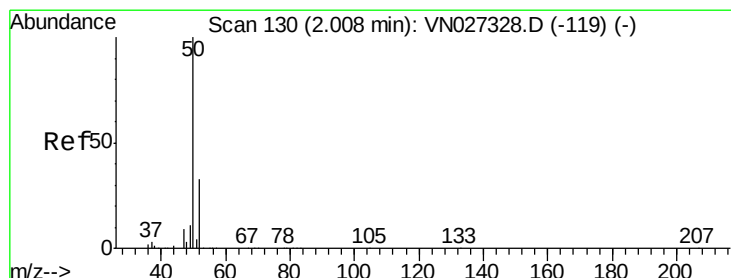
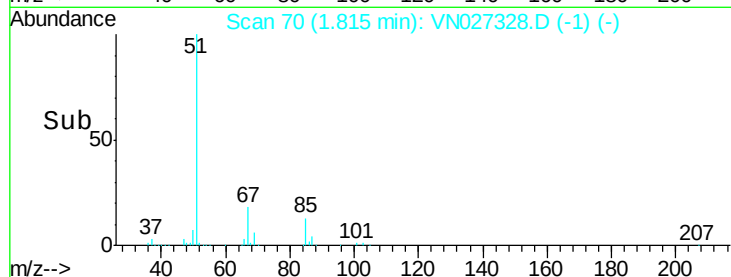
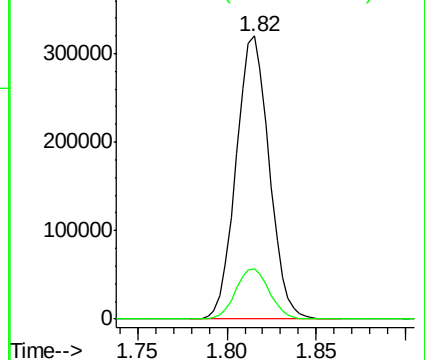
51 100

67 18.1 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: 39.74 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027328.D

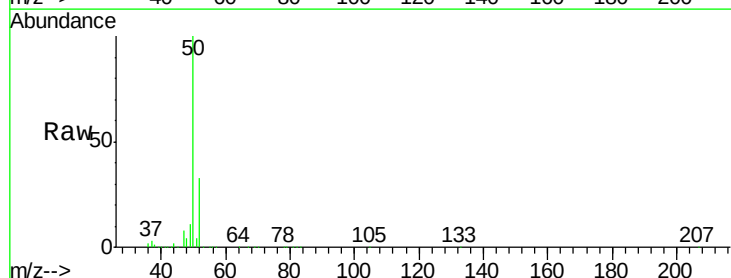
Acq: 21 Sep 2015 11:49

Tgt Ion: 50 Resp: 327247

Ion Ratio Lower Upper

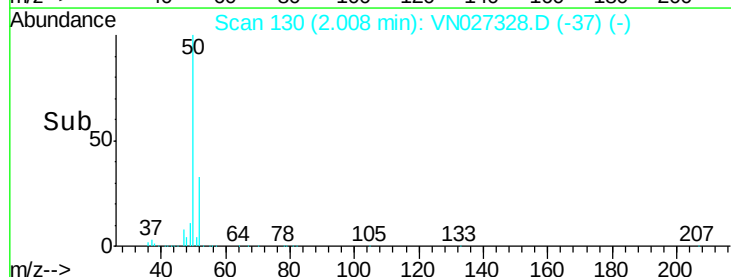
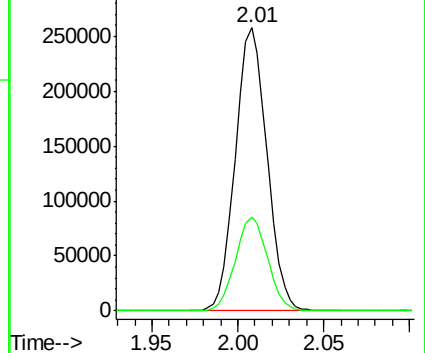
50 100

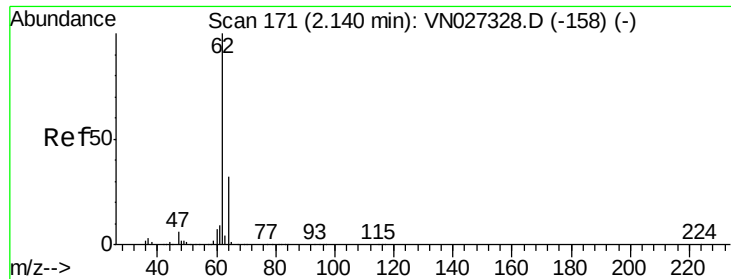
52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 43.16 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

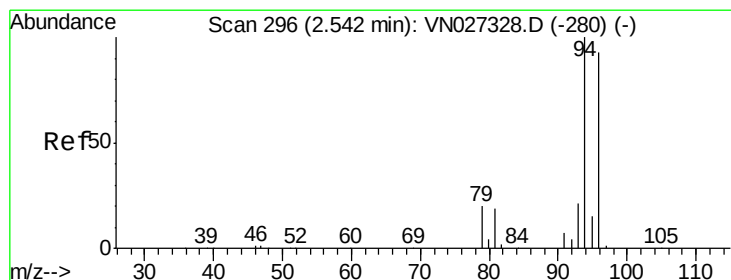
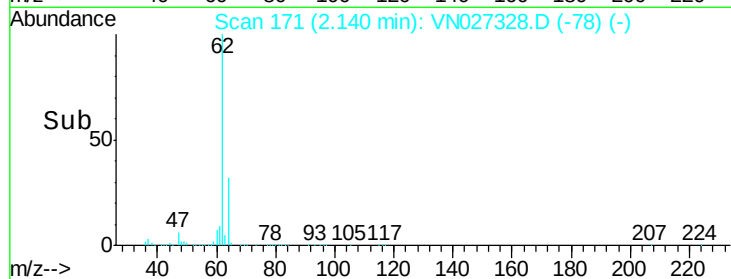
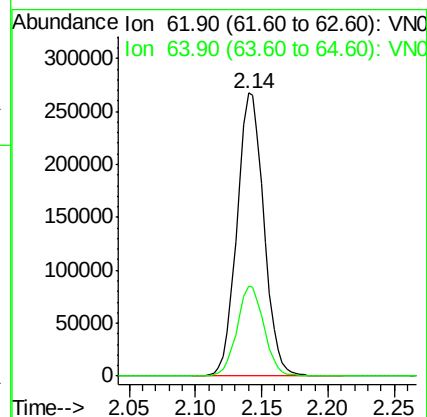
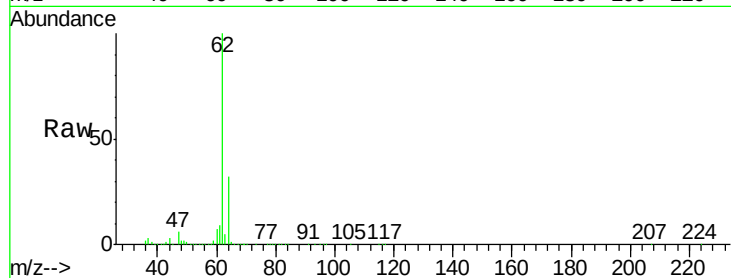
VSTDICCC050

Tgt Ion: 62 Resp: 376971

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9



#6

Bromomethane

Concen: 35.50 ug/l

RT: 2.54 min Scan# 296

Delta R.T. 0.00 min

Lab File: VN027328.D

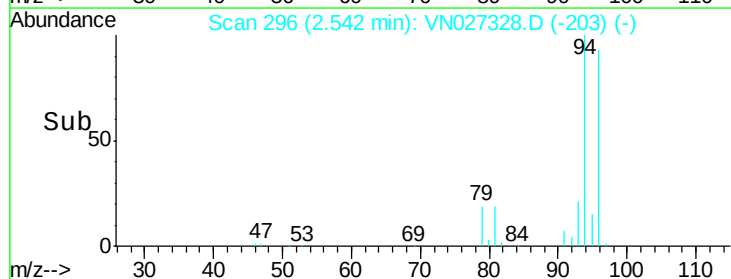
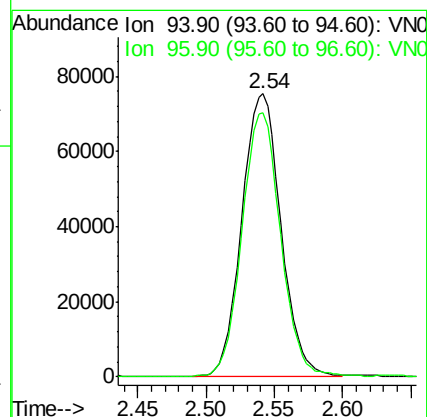
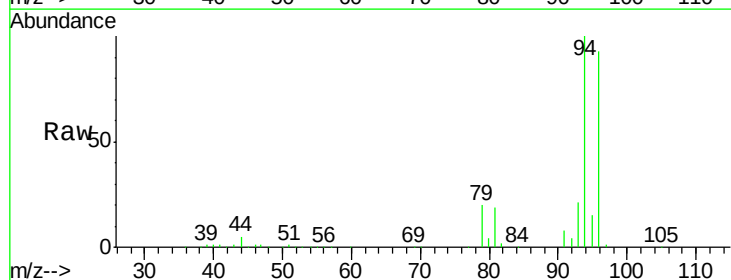
Acq: 21 Sep 2015 11:49

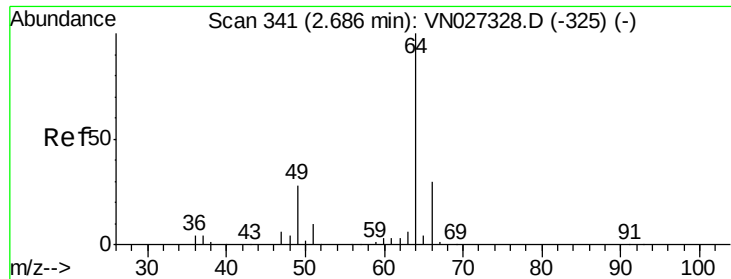
Tgt Ion: 94 Resp: 150180

Ion Ratio Lower Upper

94 100

96 93.1 73.4 110.2





#7

Chloroethane

Concen: 40.28 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

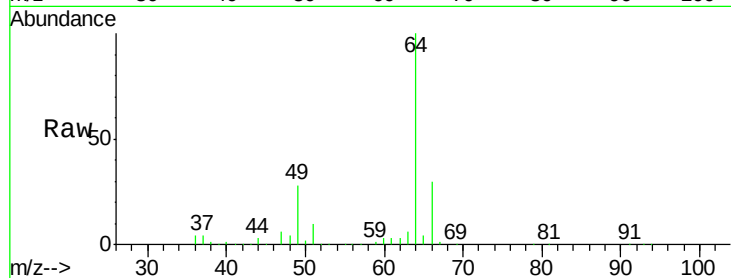
VSTDICCC050

Tgt Ion: 64 Resp: 239180

Ion Ratio Lower Upper

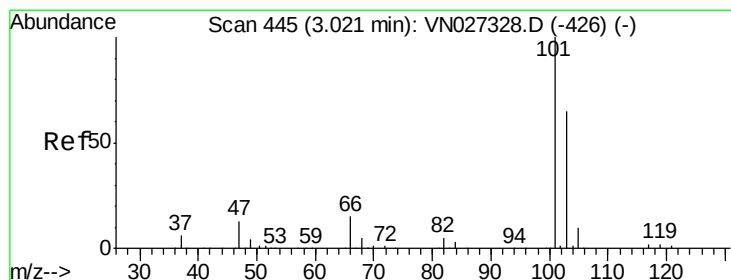
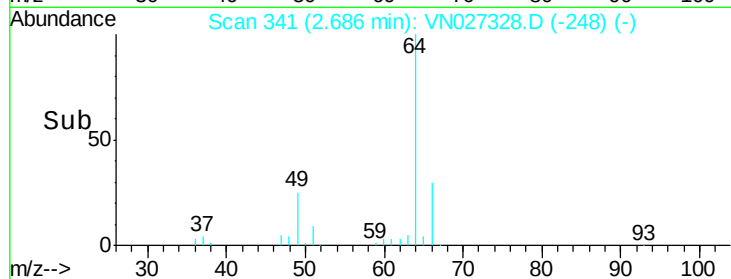
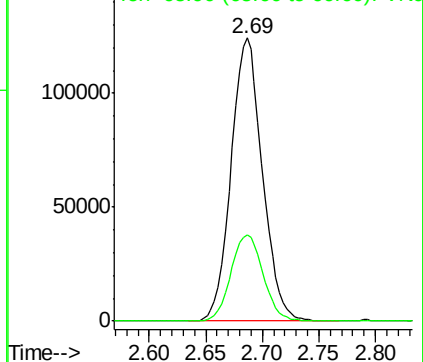
64 100

66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#8

Trichlorofluoromethane

Concen: 43.49 ug/l

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027328.D

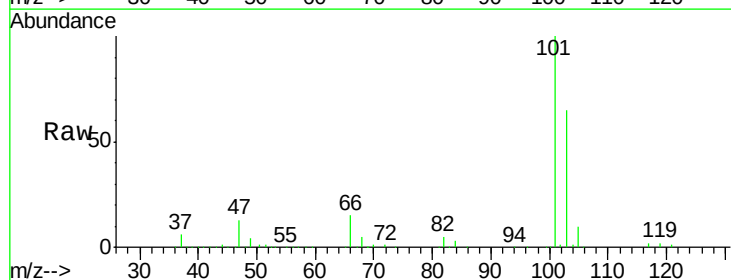
Acq: 21 Sep 2015 11:49

Tgt Ion: 101 Resp: 573812

Ion Ratio Lower Upper

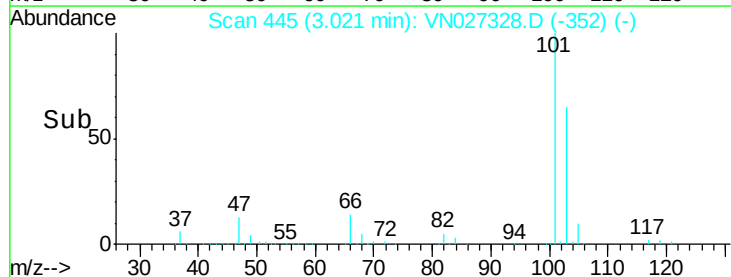
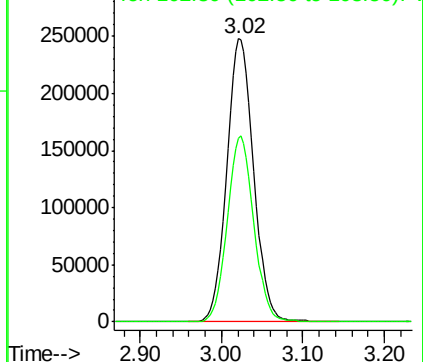
101 100

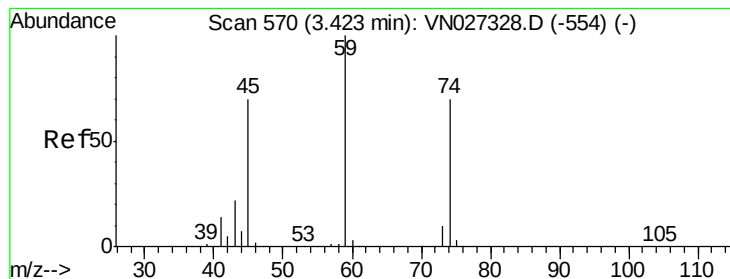
103 65.0 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#9

Diethyl Ether

Concen: 41.21 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027328.D

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Instrument :

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ClientSampleId :

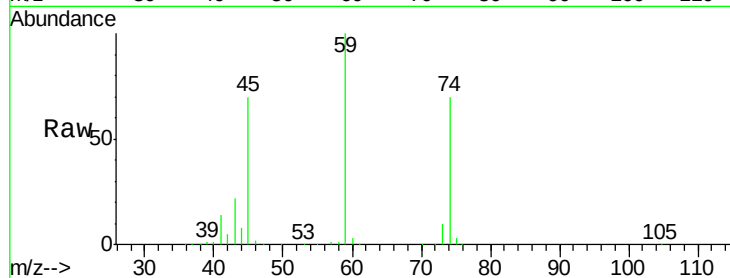
VSTDICCC050

Tgt Ion: 74 Resp: 250218

Ion Ratio Lower Upper

74 100

45 100.0 58.1 174.3



Abundance Ion 74.00 (73.70 to 74.70): VN027328.D (-554) (-)

Ion 45.00 (44.70 to 45.70): VN027328.D (-554) (-)

3.42

120000

100000

80000

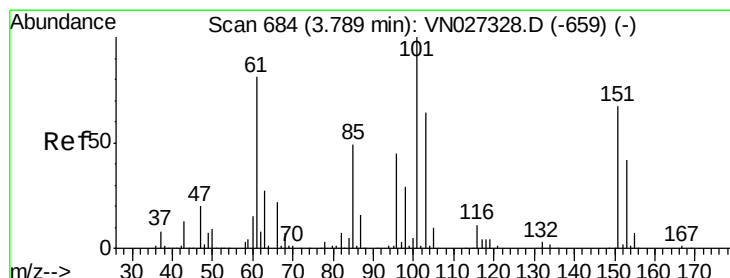
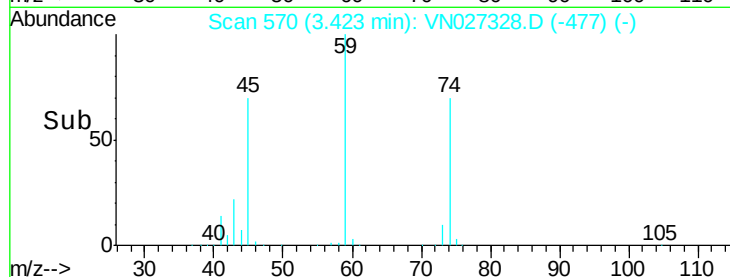
60000

40000

20000

0

Time--> 3.30 3.40 3.50



#10

1,1,2-Trichlorotrifluoroethane

Concen: 44.50 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

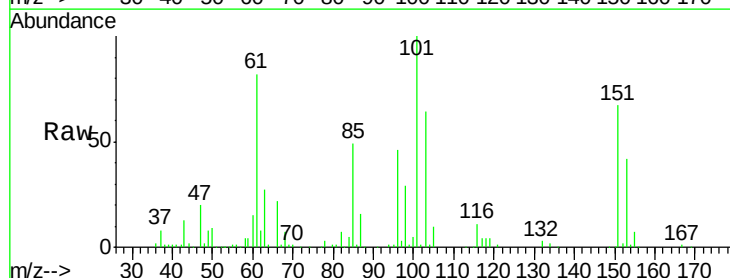
Tgt Ion: 101 Resp: 368786

Ion Ratio Lower Upper

101 100

85 49.0 37.4 56.0

151 64.8 55.9 83.9



Abundance Ion 100.90 (100.60 to 101.60): VN027328.D (-659) (-)

Ion 84.90 (84.60 to 85.60): VN027328.D (-659) (-)

Ion 150.80 (150.50 to 151.50): VN027328.D (-659) (-)

3.79

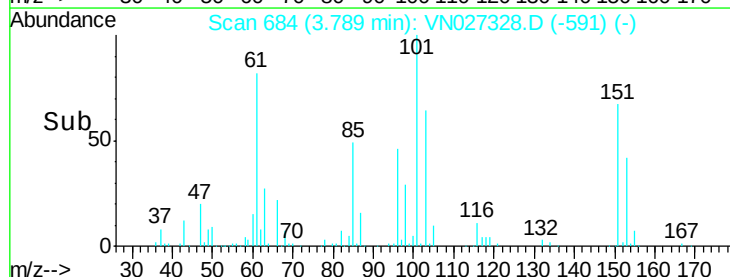
150000

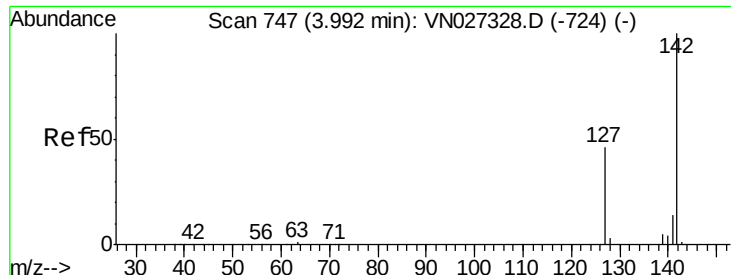
100000

50000

0

Time--> 3.70 3.80 3.90

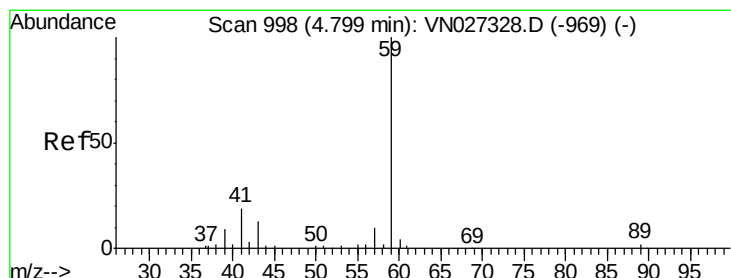
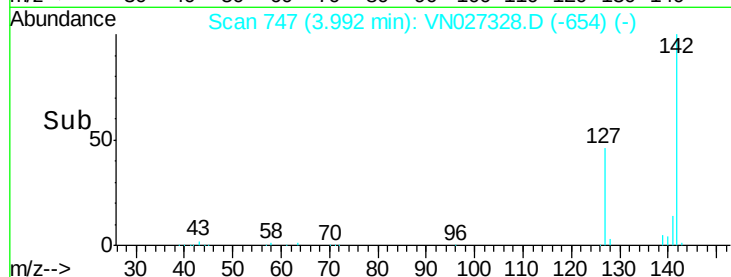
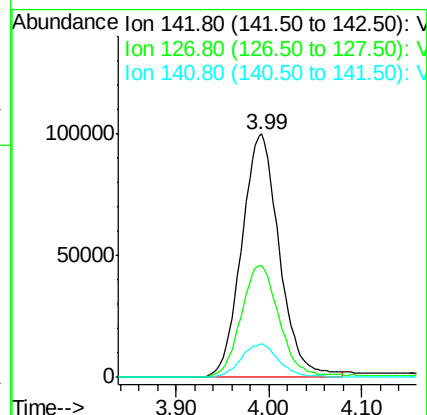
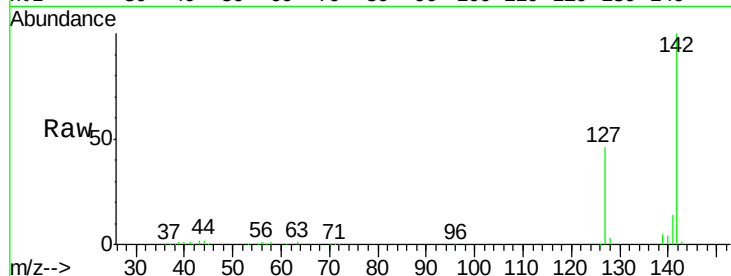




#11
Methyl Iodide
Concen: 35.02 ug/l
RT: 3.99 min Scan# 747
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

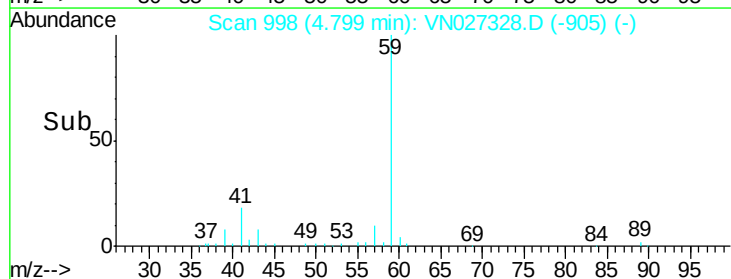
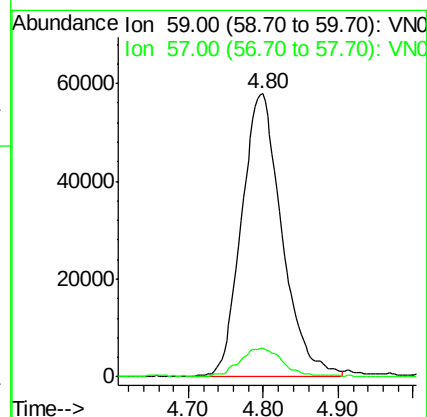
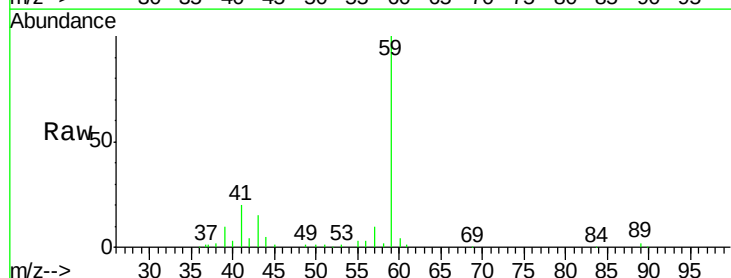
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

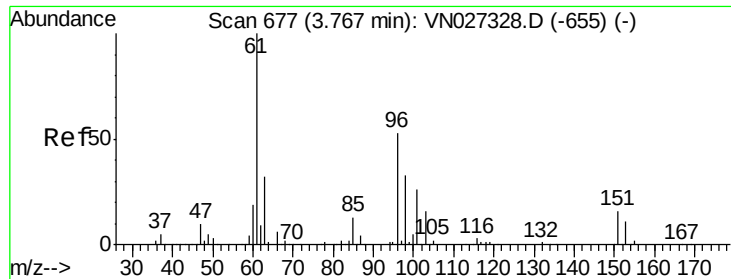
Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.7	32.3	48.5
141	13.8	11.2	16.8



#12
Tert butyl alcohol
Concen: 175.49 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	7.6	11.4

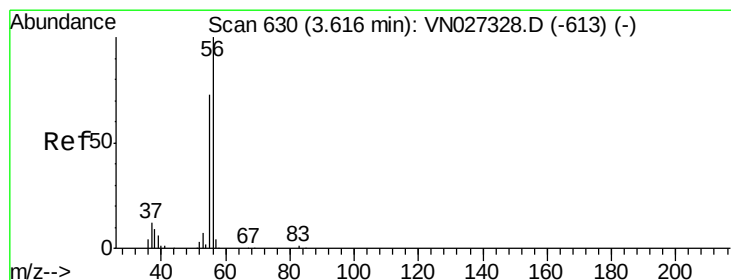
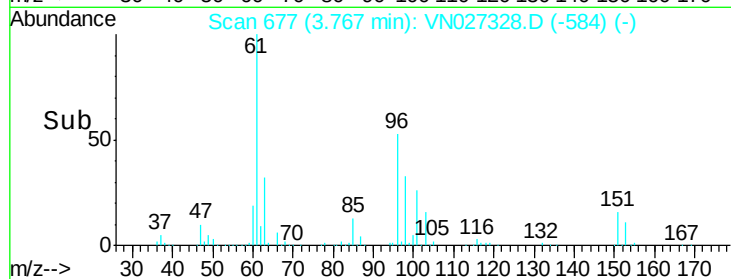
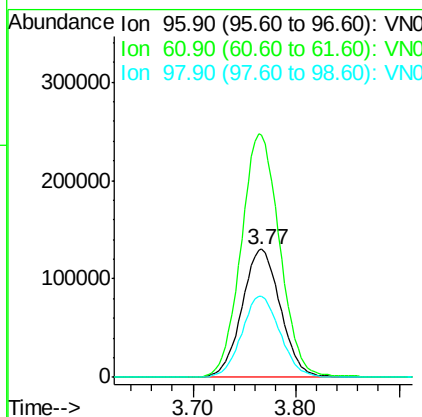
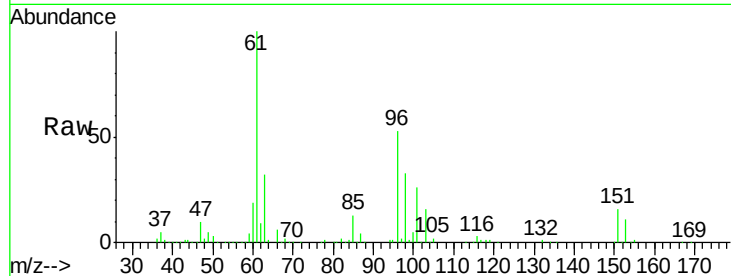




#13
 1,1-Dichloroethene
 Concen: 42.51 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

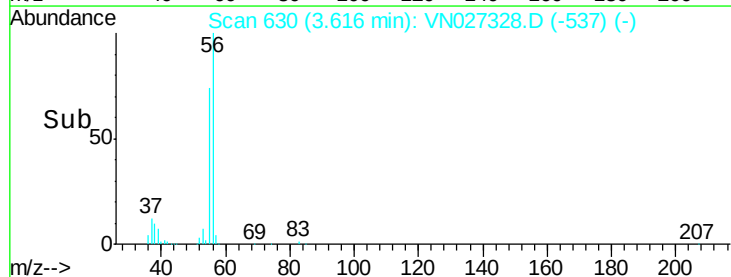
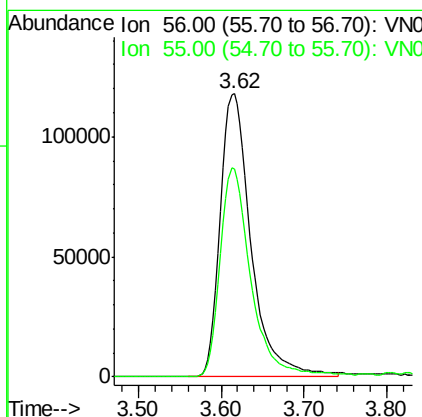
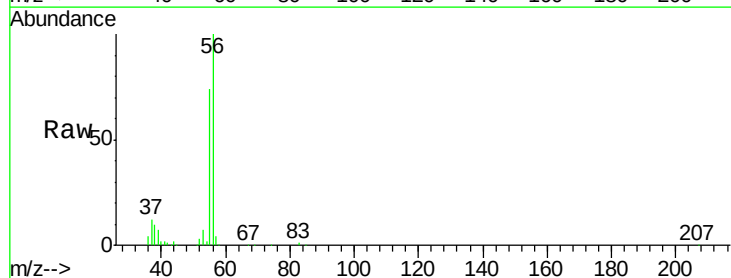
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

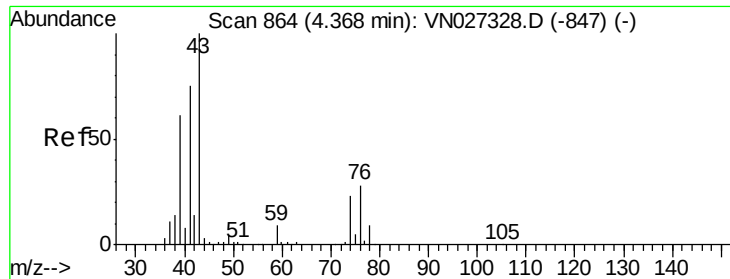
Tgt Ion: 96 Resp: 337323
 Ion Ratio Lower Upper
 96 100
 61 189.1 143.8 215.8
 98 63.0 50.3 75.5



#14
 Acrolein
 Concen: 210.20 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 56 Resp: 305790
 Ion Ratio Lower Upper
 56 100
 55 72.3 55.7 83.5

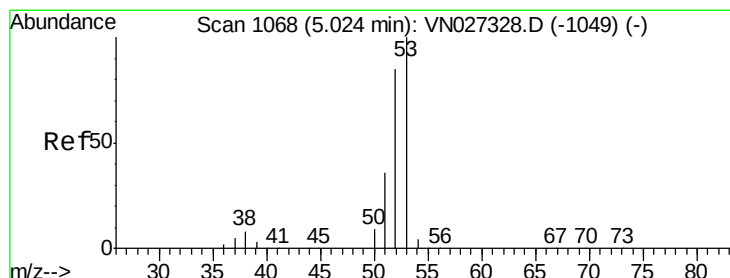
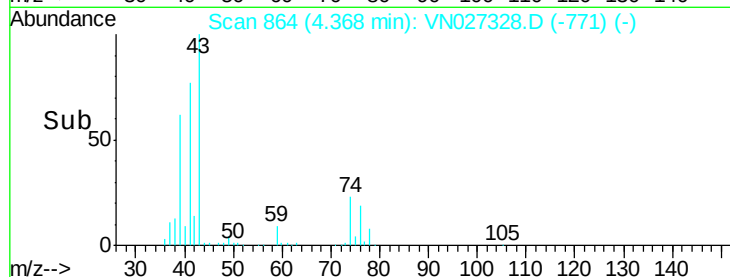
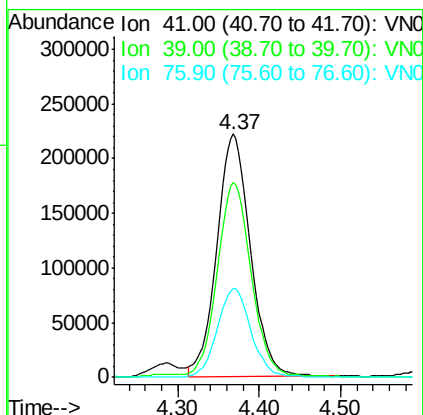
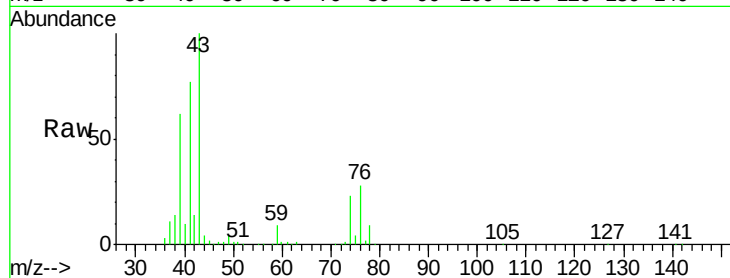




#15
 Allyl chloride
 Concen: 40.09 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

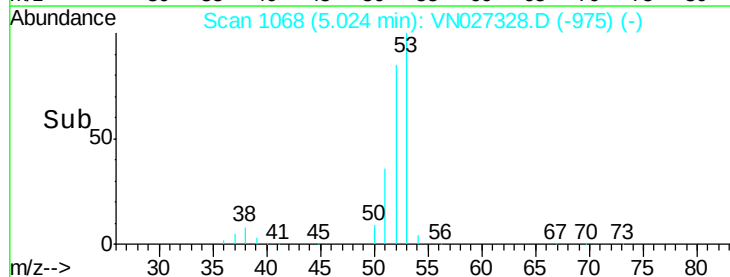
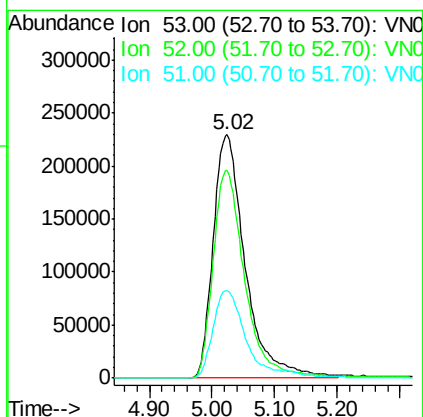
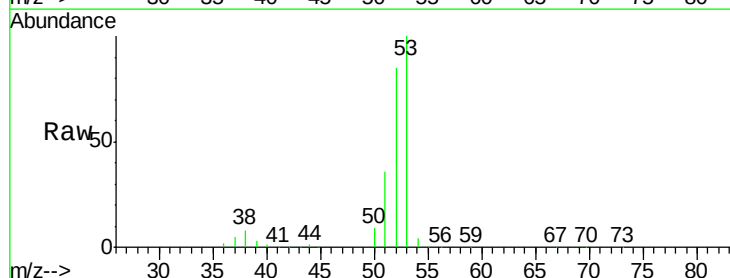
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

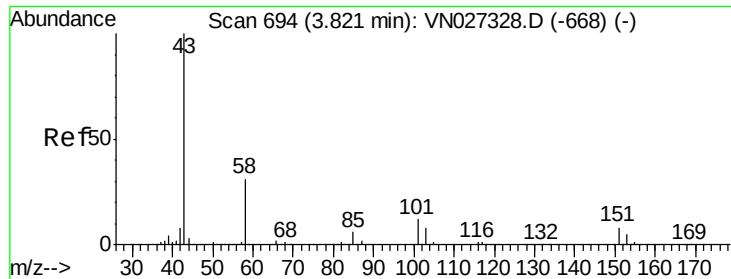
Tgt Ion: 41 Resp: 642660
 Ion Ratio Lower Upper
 41 100
 39 80.7 49.7 74.5#
 76 36.2 24.8 37.2



#16
 Acrylonitrile
 Concen: 201.81 ug/l
 RT: 5.02 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 53 Resp: 817239
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.9 100.3
 51 35.6 27.4 41.0





#17

Acetone

Concen: 220.85 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

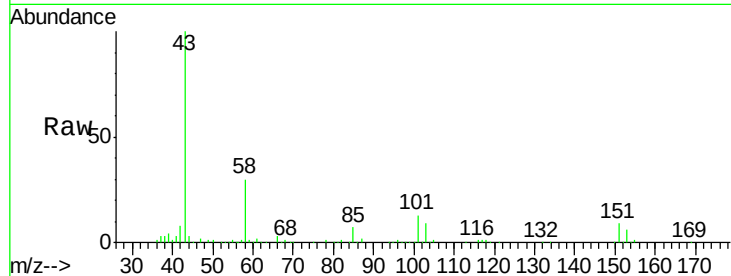
VSTDICCC050

Tgt Ion: 43 Resp: 754055

Ion Ratio Lower Upper

43 100

58 30.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

300000

250000

200000

150000

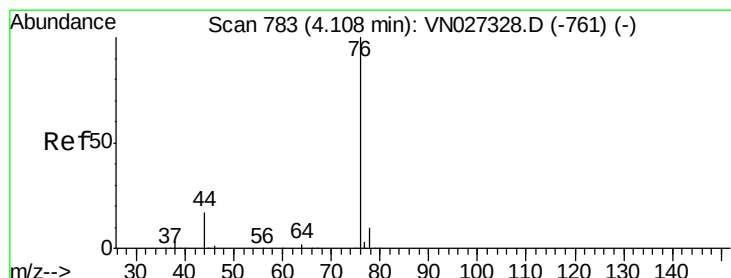
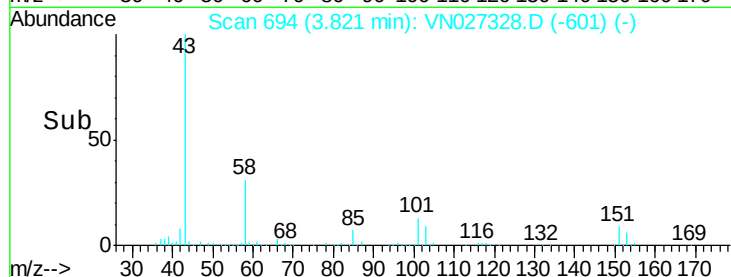
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#18

Carbon Disulfide

Concen: 38.19 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027328.D

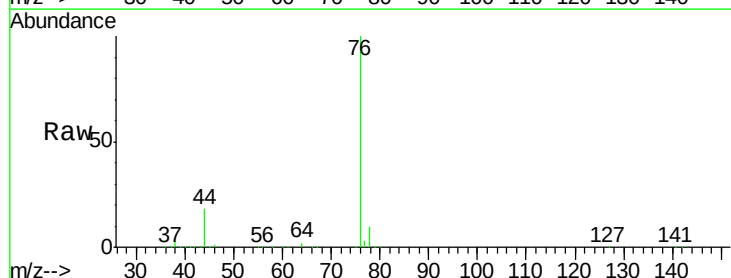
Acq: 21 Sep 2015 11:49

Tgt Ion: 76 Resp: 986967

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

400000

300000

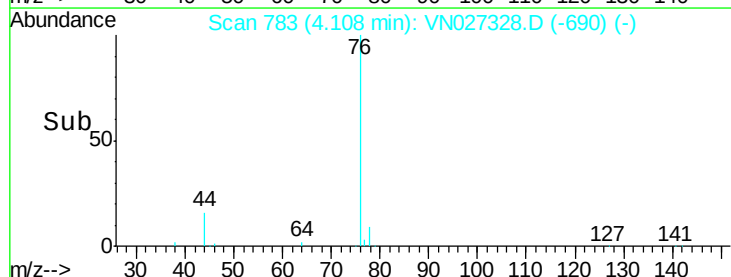
200000

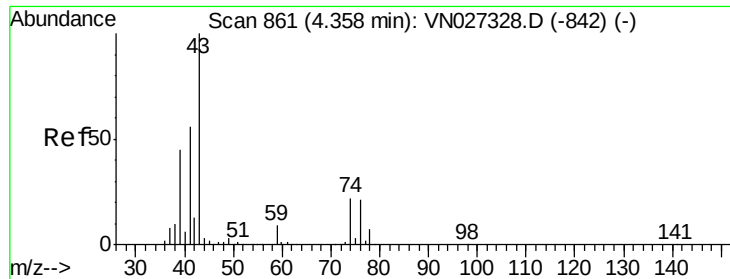
100000

0

4.00 4.10 4.20 4.30

Time-->

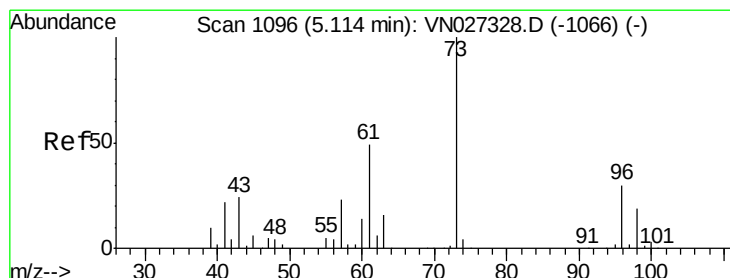
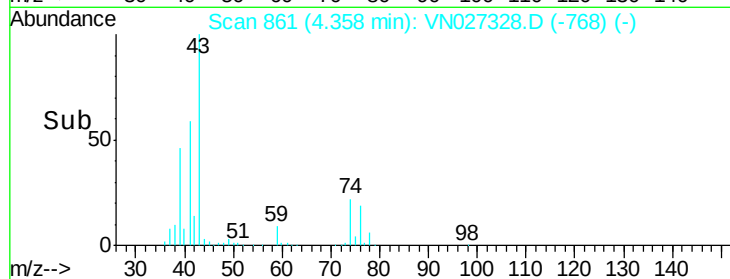
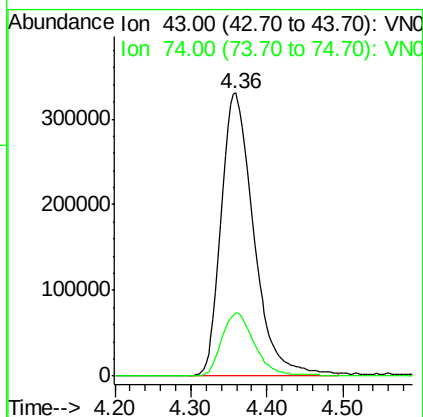
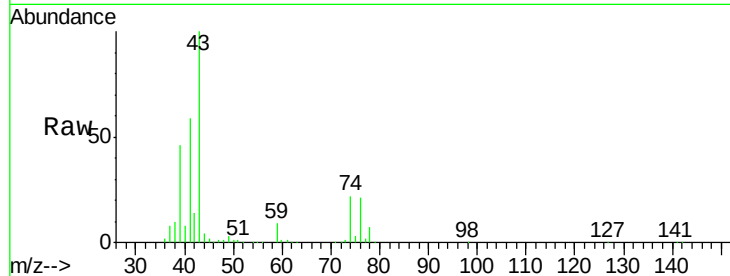




#19
Methyl Acetate
Concen: 39.64 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

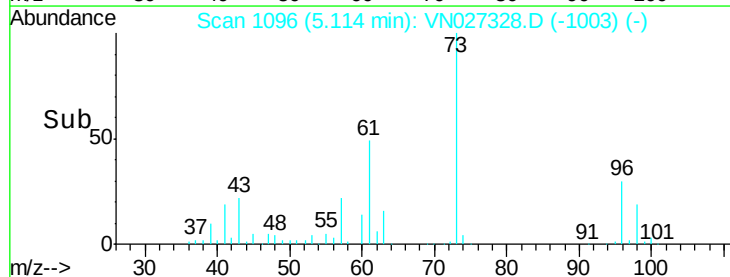
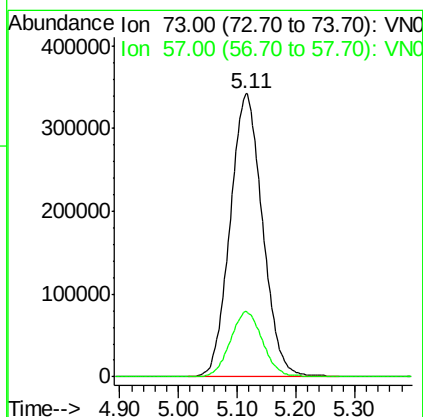
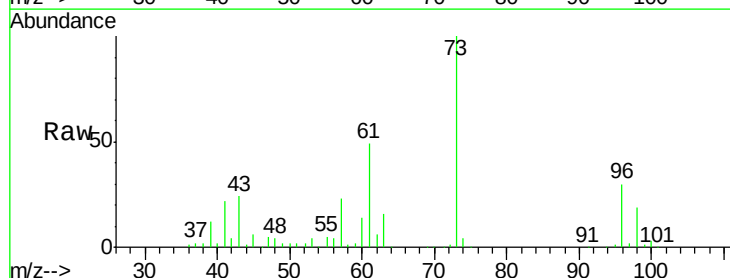
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

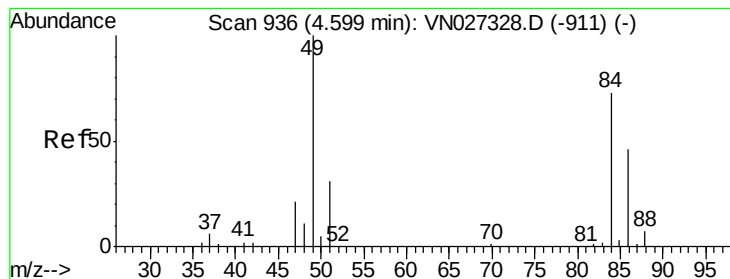
Tgt Ion: 43 Resp: 980249
Ion Ratio Lower Upper
43 100
74 22.3 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 41.33 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion: 73 Resp: 1316603
Ion Ratio Lower Upper
73 100
57 23.0 19.8 29.6





#21

Methylene Chloride

Concen: 42.17 ug/l

RT: 4.60 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tgt Ion: 84 Resp: 401080

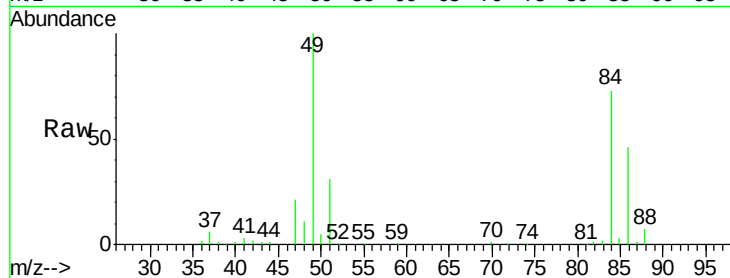
Ion Ratio Lower Upper

84 100

49 137.7 112.3 168.5

51 42.1 33.8 50.8

86 62.9 48.2 72.4

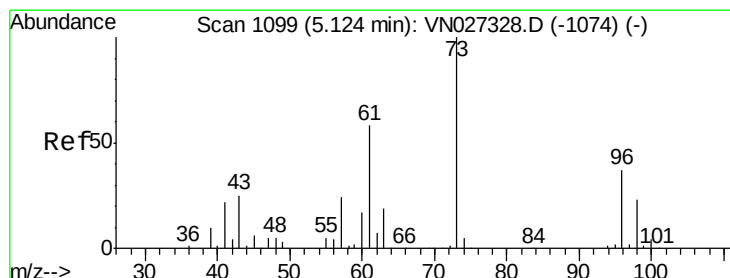
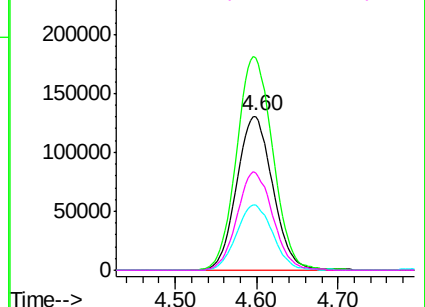
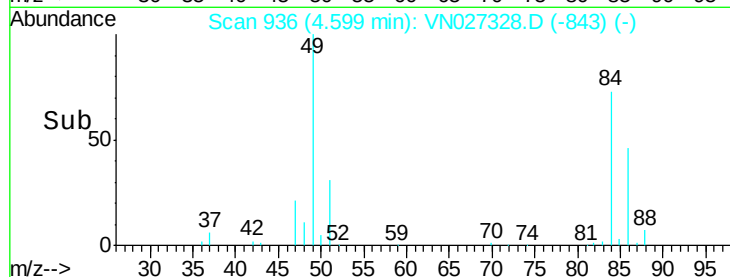


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#22

trans-1,2-Dichloroethene

Concen: 42.77 ug/l

RT: 5.12 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

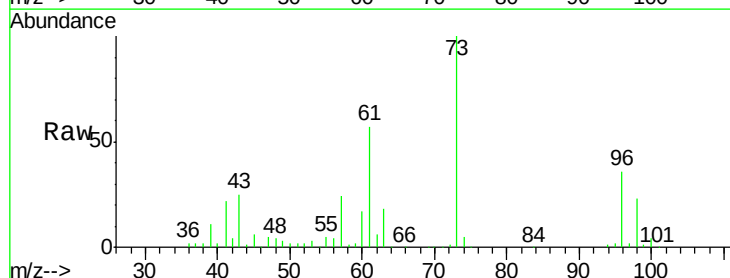
Tgt Ion: 96 Resp: 367109

Ion Ratio Lower Upper

96 100

61 158.6 126.6 189.8

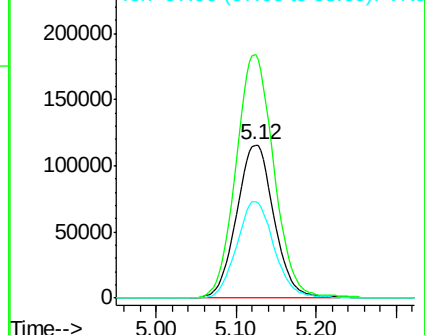
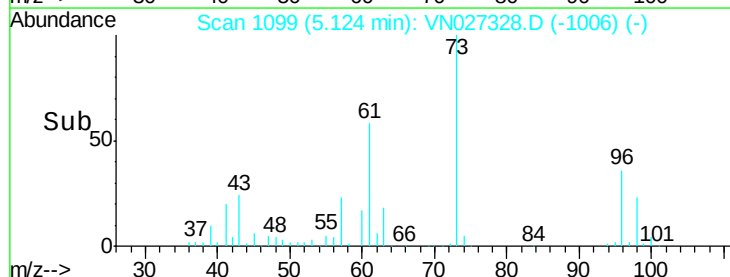
98 62.8 47.4 71.2

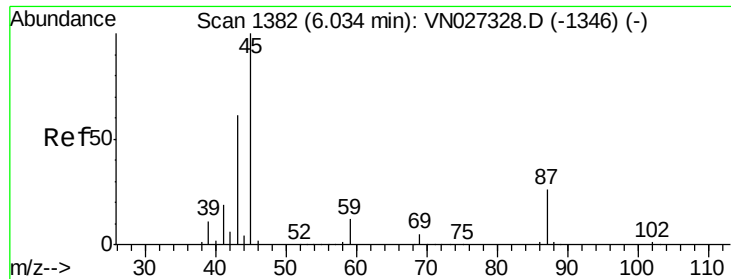


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

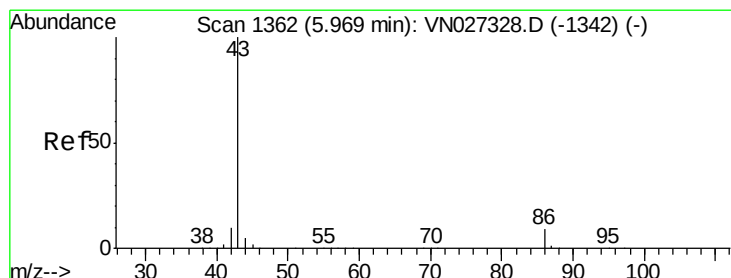
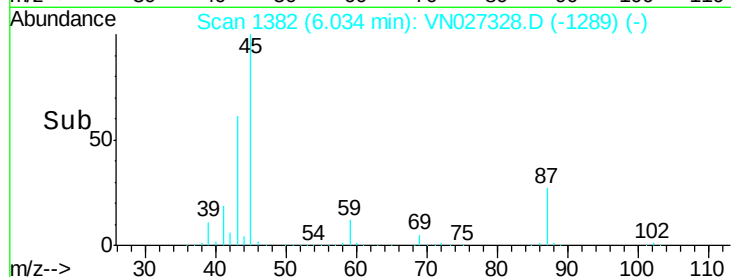
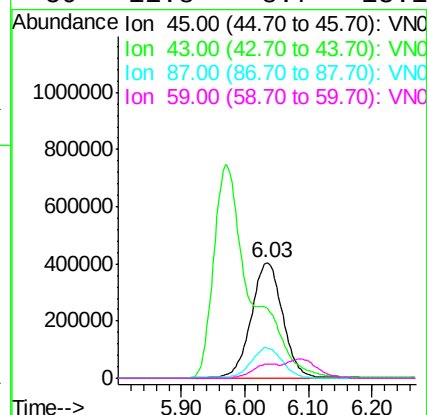
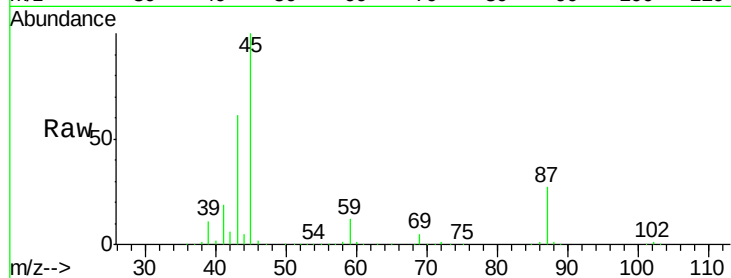




#23
Diisopropyl ether
Concen: 41.60 ug/l
RT: 6.03 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

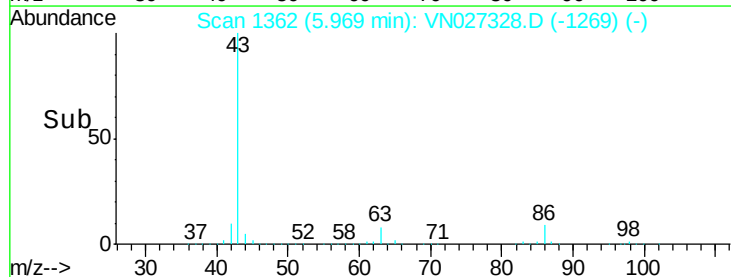
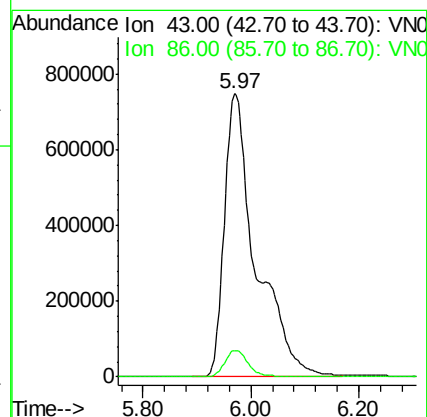
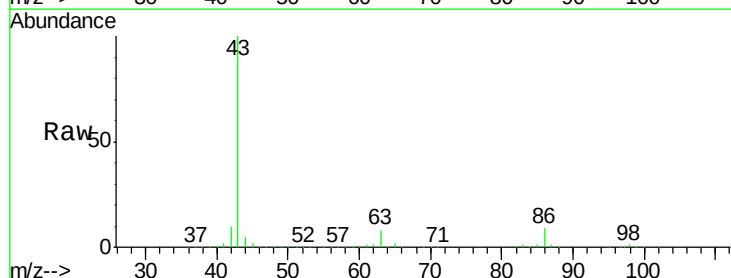
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

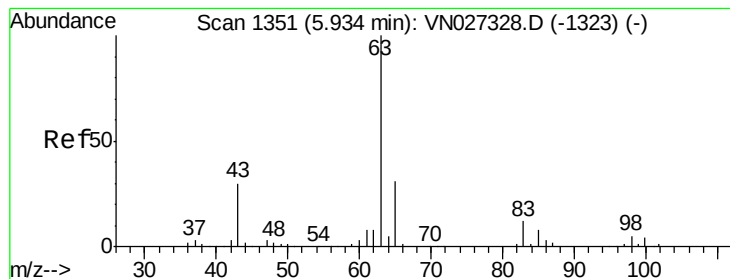
Tgt Ion: 45 Resp: 1398899
Ion Ratio Lower Upper
45 100
43 60.6 41.0 61.6
87 26.4 17.5 26.3#
59 11.8 8.7 13.1



#24
Vinyl Acetate
Concen: 273.04 ug/l
RT: 5.97 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion: 43 Resp: 3039197
Ion Ratio Lower Upper
43 100
86 9.4 6.9 10.3





#25

1,1-Dichloroethane

Concen: 41.78 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

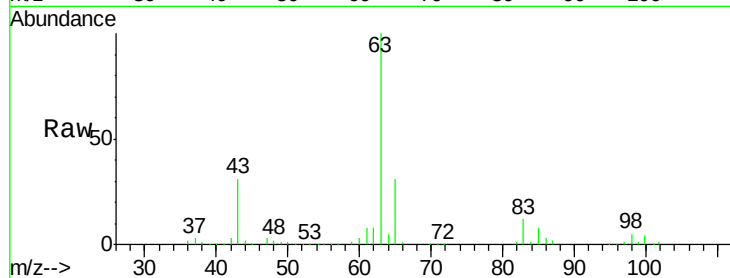
Tgt Ion: 63 Resp: 816351

Ion Ratio Lower Upper

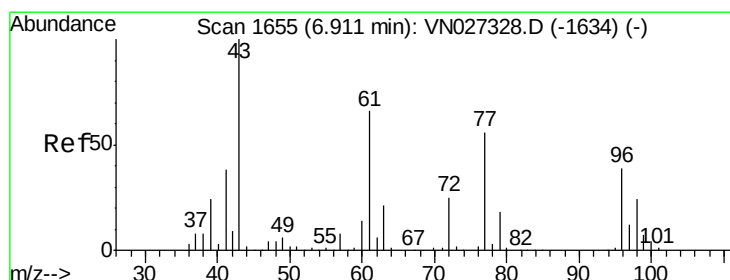
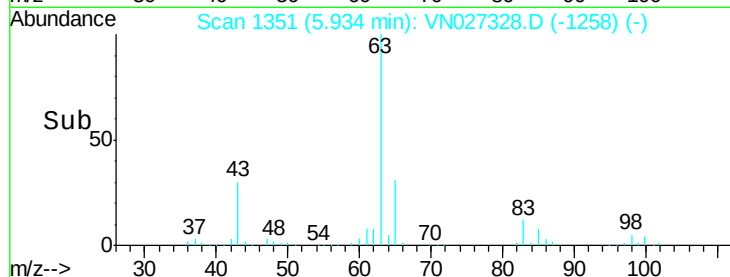
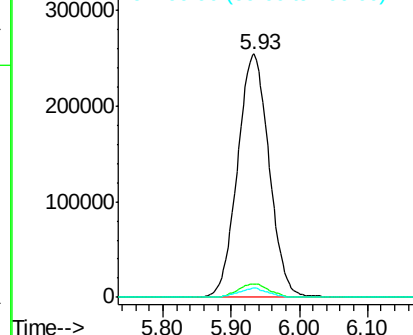
63 100

98 5.4 2.8 8.3

100 3.7 1.7 5.0



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



#26

2-Butanone

Concen: 201.59 ug/l

RT: 6.91 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VN027328.D

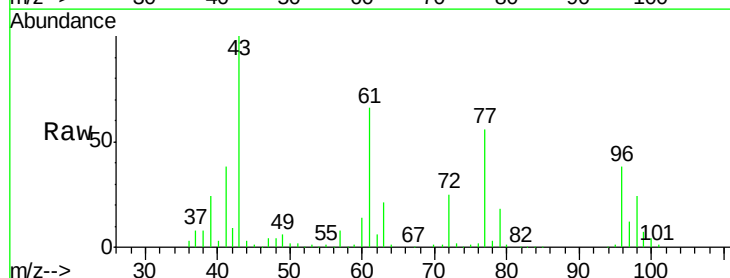
Acq: 21 Sep 2015 11:49

Tgt Ion: 43 Resp: 1036473

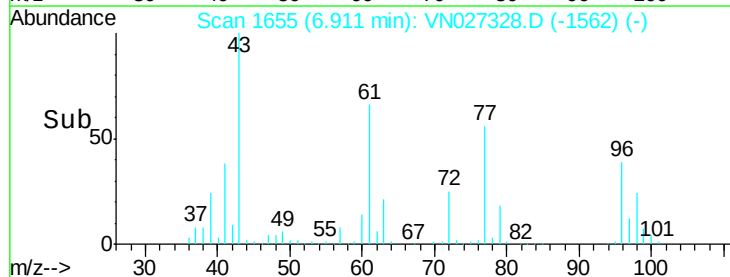
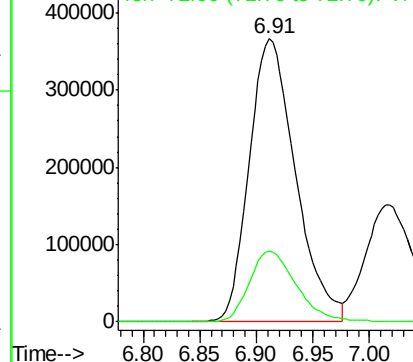
Ion Ratio Lower Upper

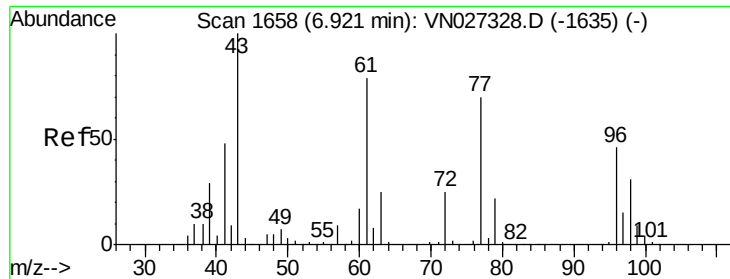
43 100

72 25.1 18.8 28.2



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

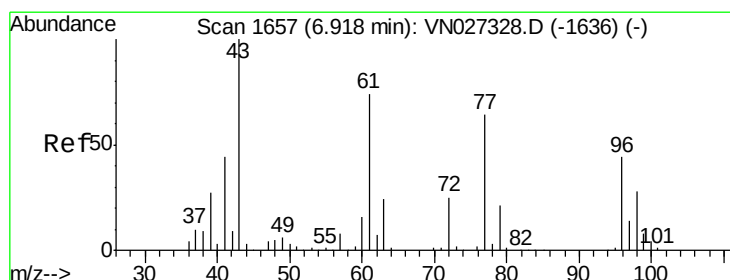
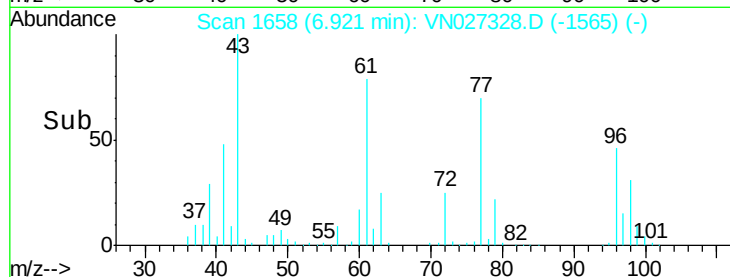
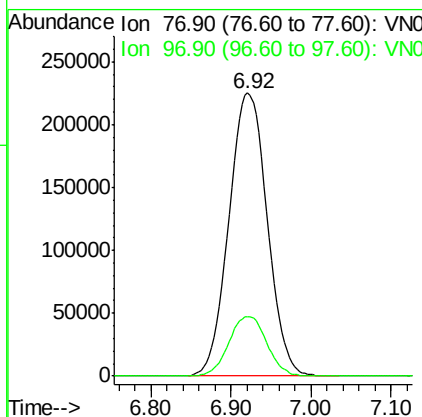
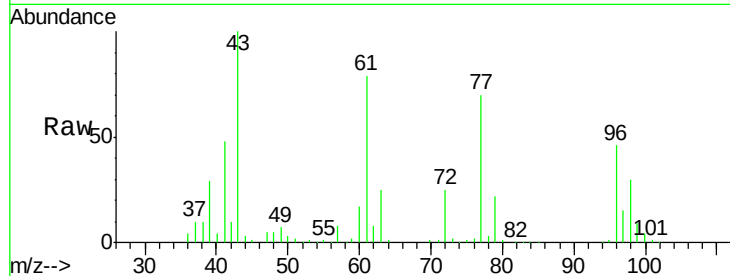




#27
 2,2-Dichloropropane
 Concen: 43.21 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

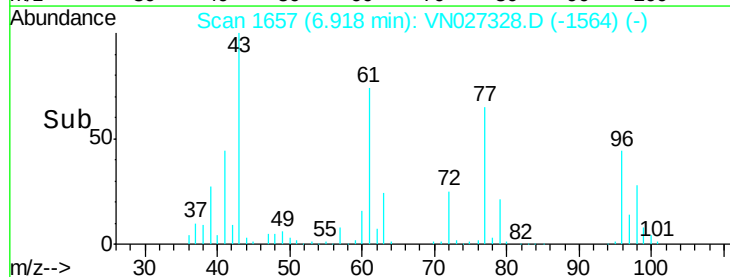
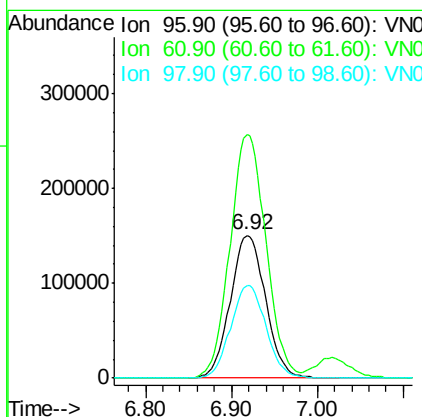
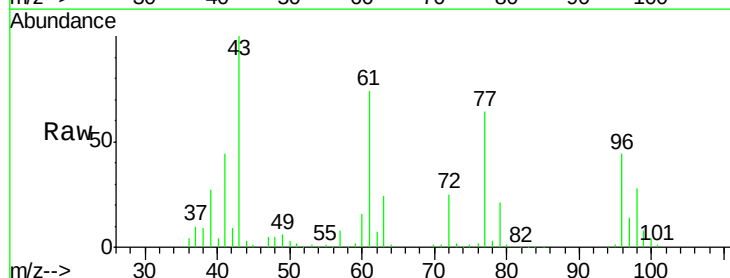
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

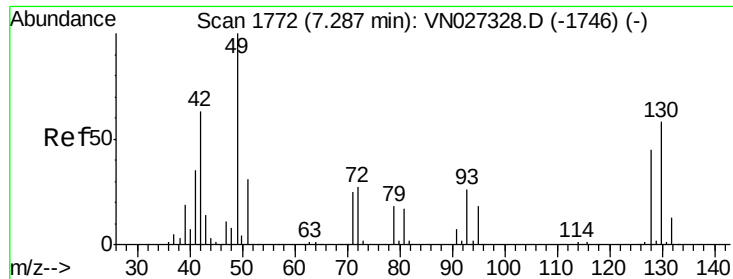
Tgt Ion: 77 Resp: 732347
 Ion Ratio Lower Upper
 77 100
 97 20.9 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 43.63 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 96 Resp: 429528
 Ion Ratio Lower Upper
 96 100
 61 173.2 0.0 329.2
 98 65.0 0.0 126.0

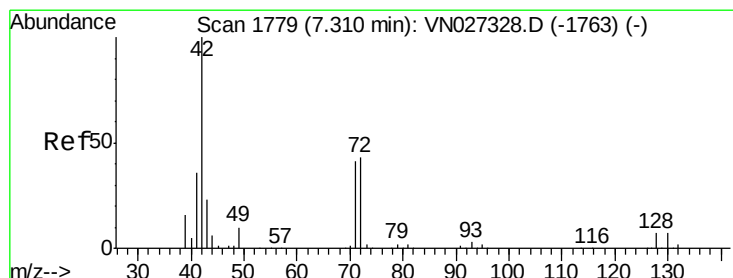
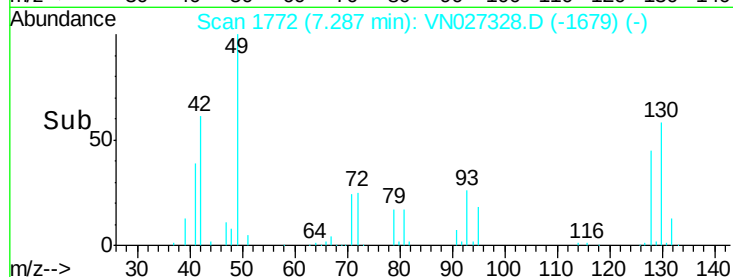
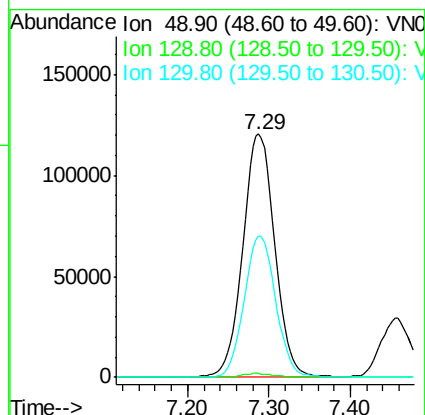
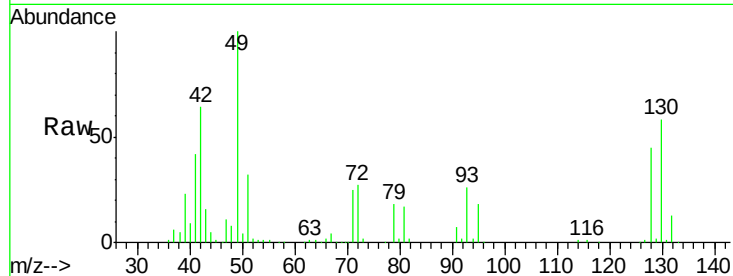




#29
Bromochloromethane
Concen: 43.00 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

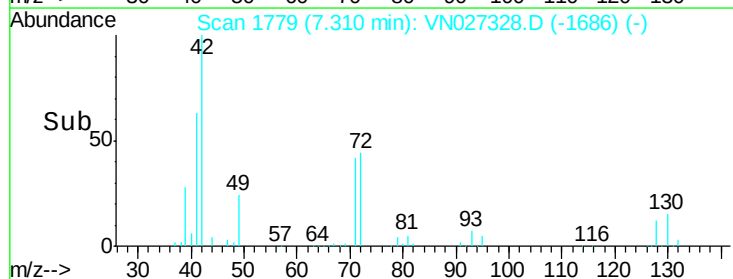
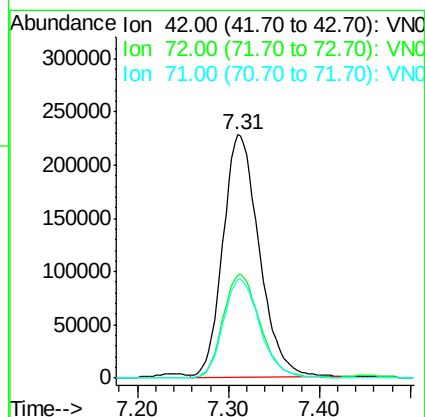
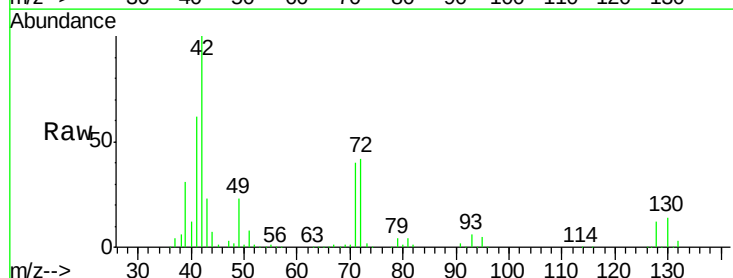
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

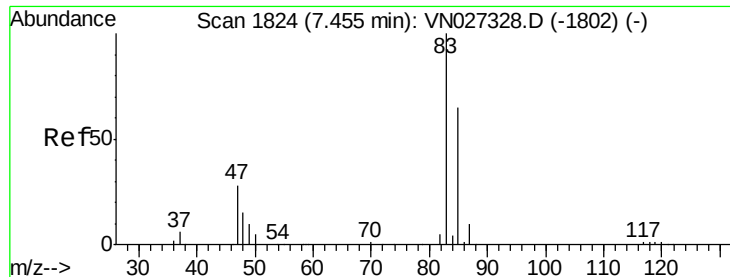
Tgt Ion: 49 Resp: 326044
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.2
130 56.9 43.2 64.8



#30
Tetrahydrofuran
Concen: 177.71 ug/l
RT: 7.31 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion: 42 Resp: 629712
Ion Ratio Lower Upper
42 100
72 43.8 29.9 44.9
71 41.7 28.3 42.5

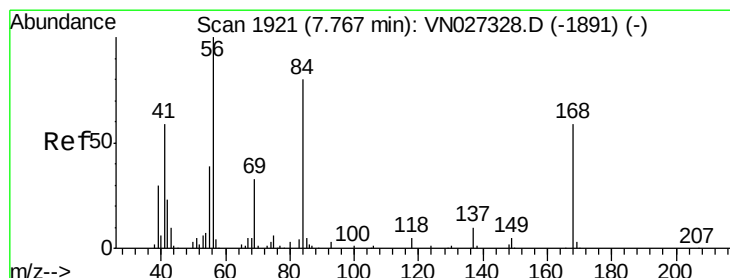
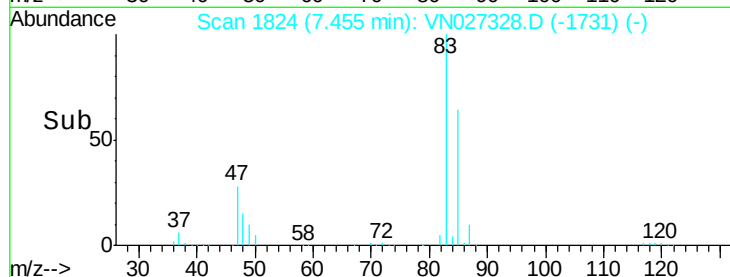
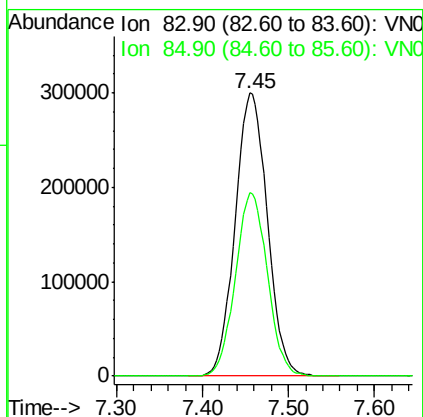
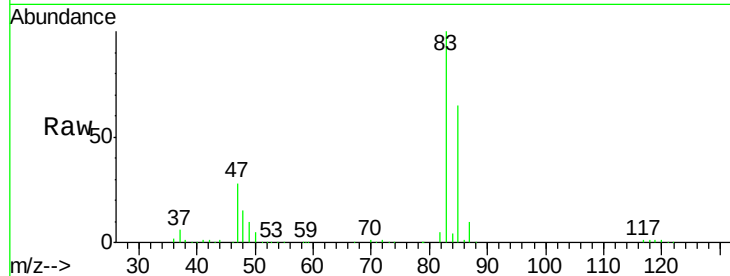




#31
Chloroform
Concen: 44.26 ug/l
RT: 7.45 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

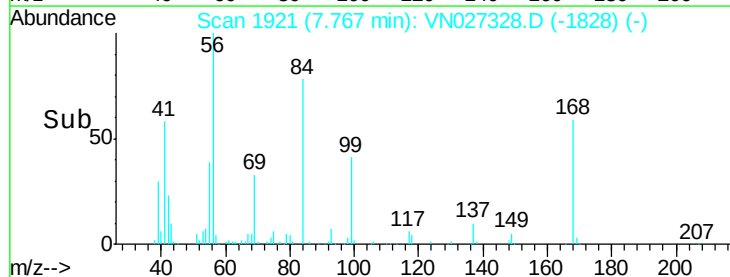
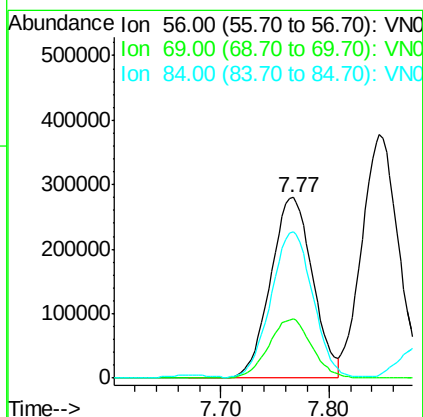
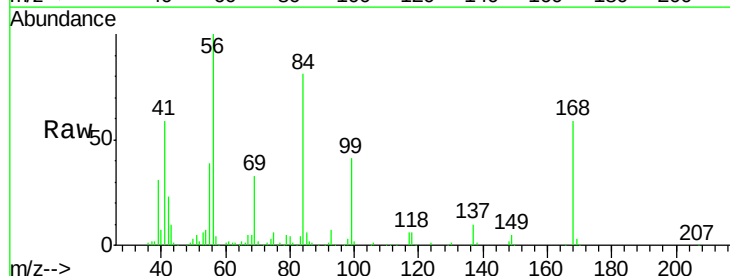
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

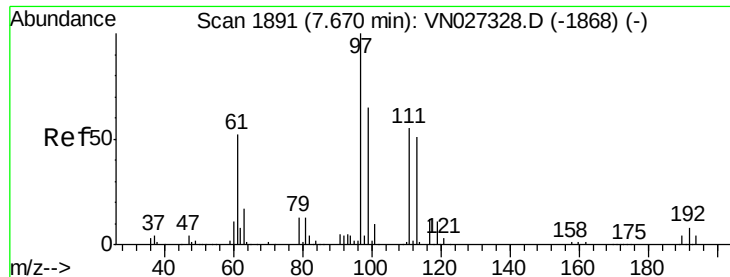
Tgt Ion: 83 Resp: 781369
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7



#32
Cyclohexane
Concen: 43.50 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion: 56 Resp: 758643
Ion Ratio Lower Upper
56 100
69 32.9 23.0 34.4
84 79.9 57.8 86.8

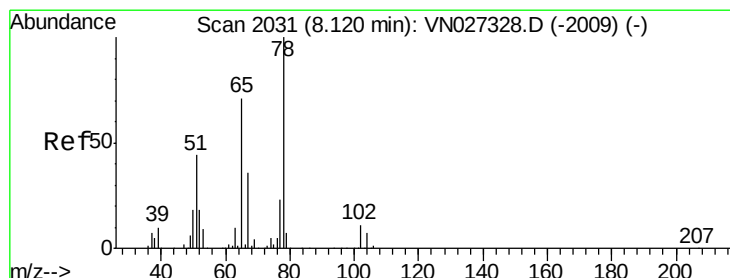
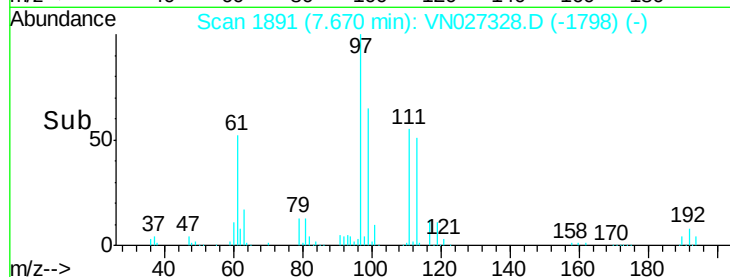
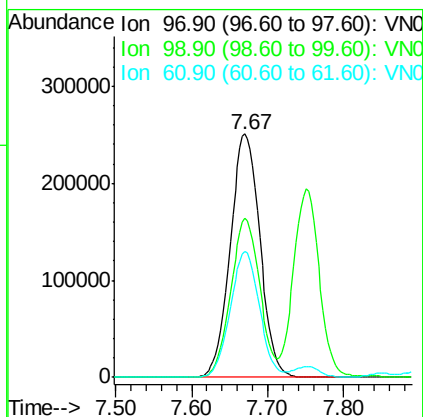
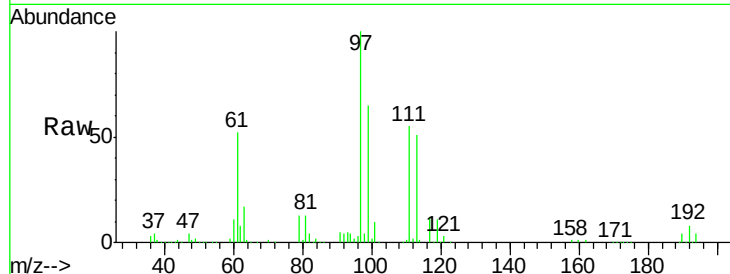




#33
 1,1,1-Trichloroethane
 Concen: 43.26 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

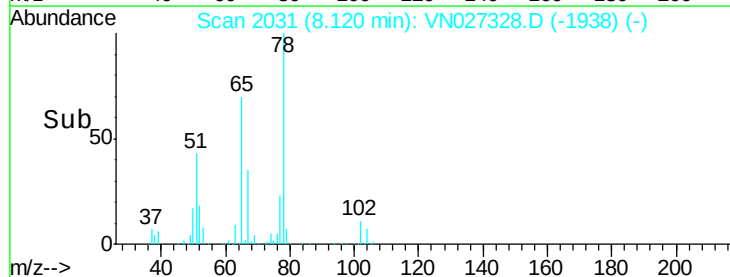
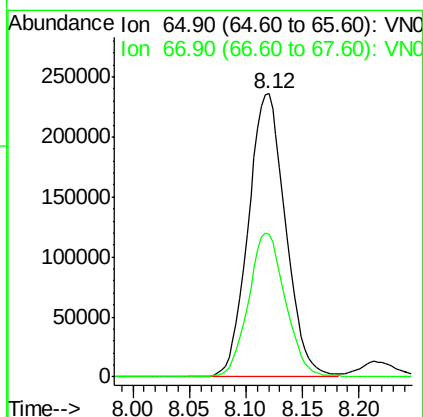
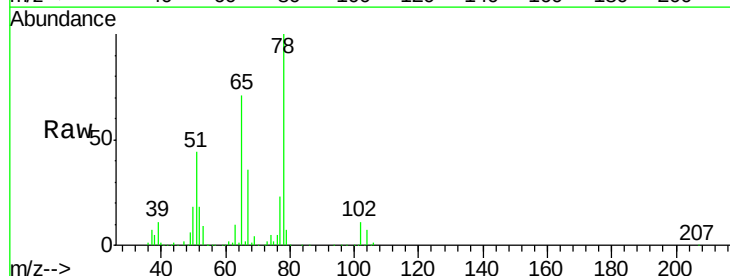
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

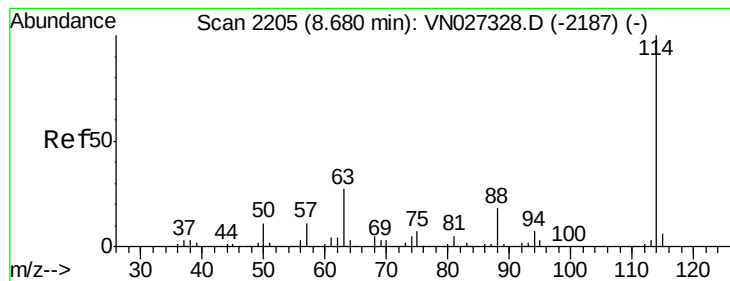
Tgt Ion: 97 Resp: 680826
 Ion Ratio Lower Upper
 97 100
 99 63.9 50.1 75.1
 61 50.9 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 42.64 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 65 Resp: 540028
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 110.6





#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

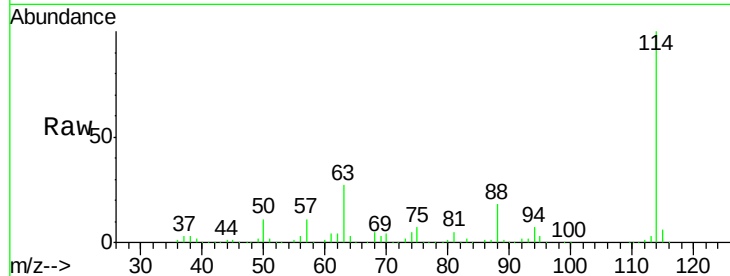
Tgt Ion:114 Resp: 1139809

Ion Ratio Lower Upper

114 100

63 26.7 0.0 48.8

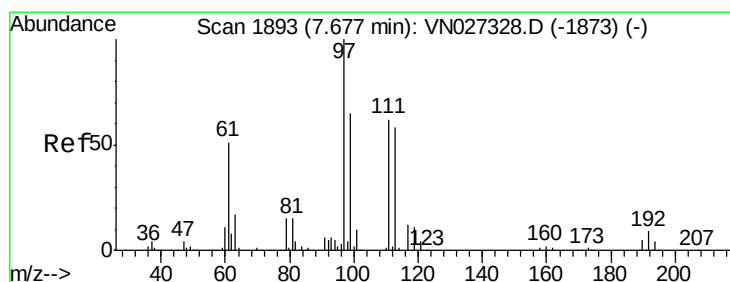
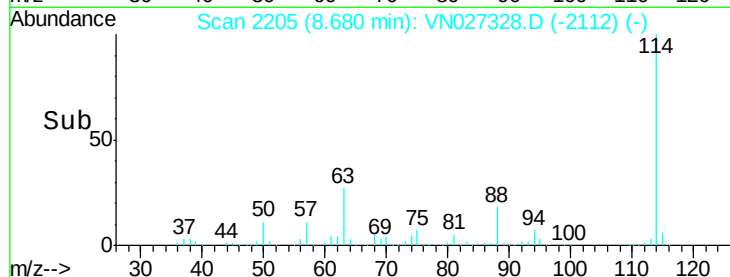
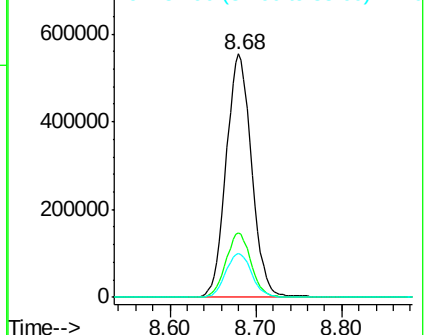
88 18.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#36

Dibromofluoromethane

Concen: 43.00 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

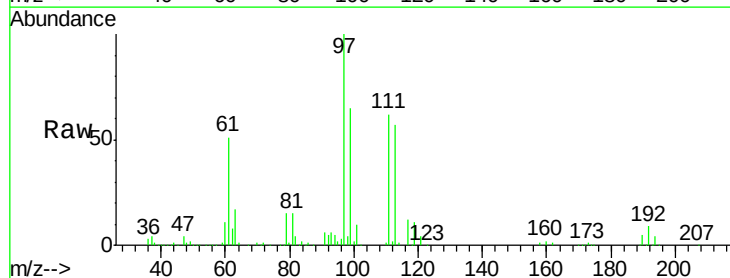
Tgt Ion:113 Resp: 339747

Ion Ratio Lower Upper

113 100

111 106.3 83.0 124.4

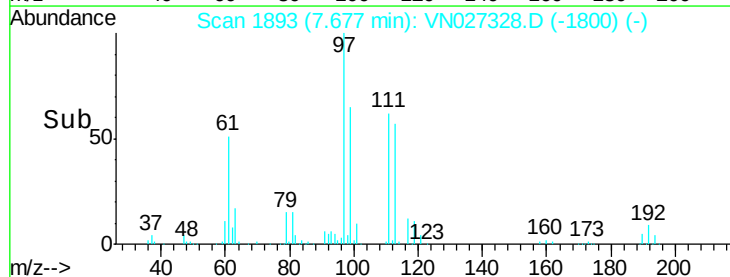
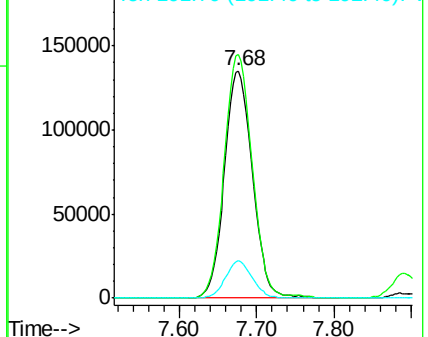
192 15.8 14.1 21.1

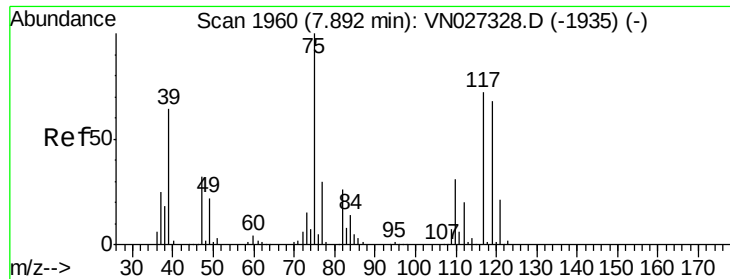


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

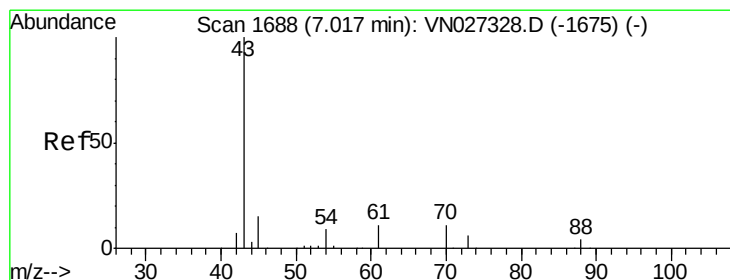
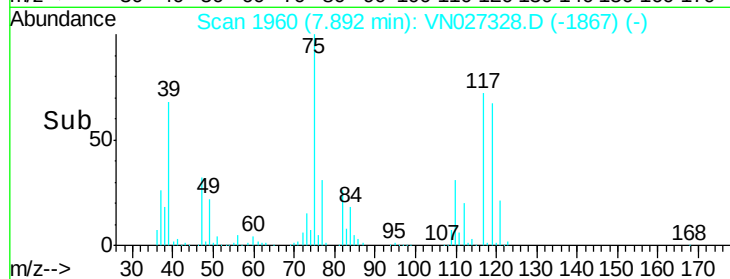
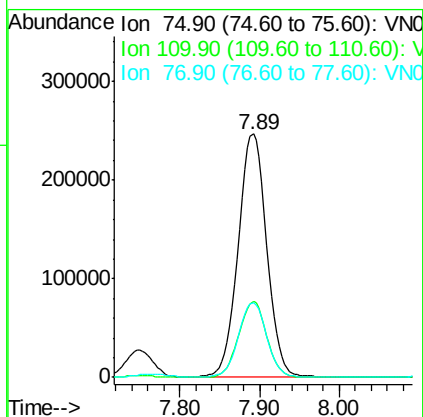
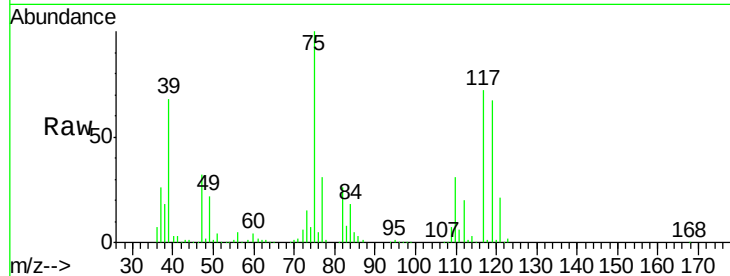




#37
 1,1-Dichloropropene
 Concen: 44.26 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

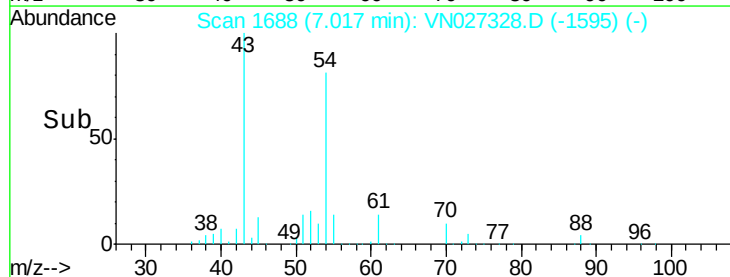
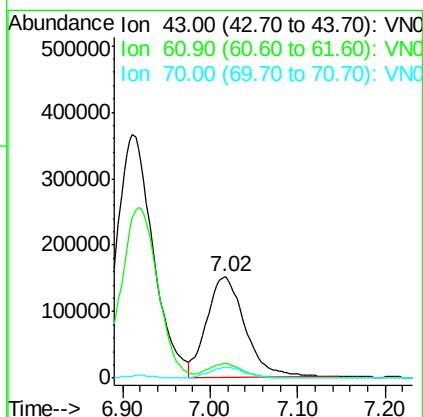
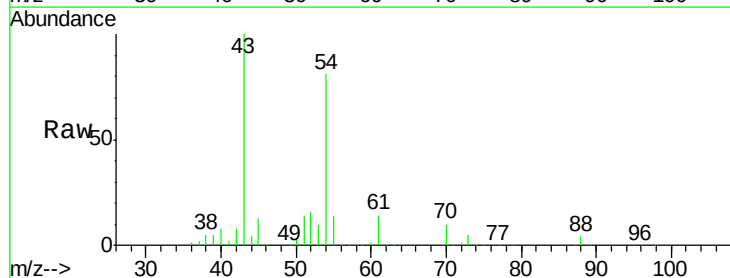
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

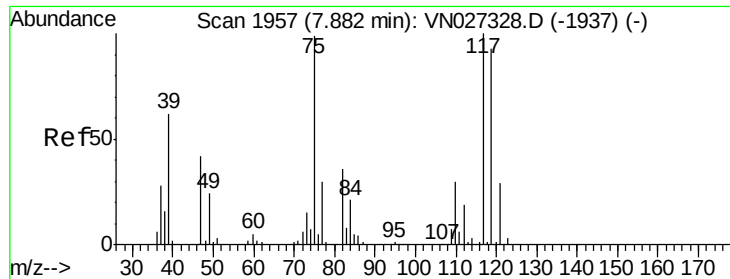
Tgt Ion: 75 Resp: 590504
 Ion Ratio Lower Upper
 75 100
 110 30.7 15.9 47.7
 77 30.5 24.9 37.3



#38
 Ethyl Acetate
 Concen: 40.19 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 43 Resp: 458226
 Ion Ratio Lower Upper
 43 100
 61 13.2 10.2 15.4
 70 9.9 7.4 11.0





#39

Carbon Tetrachloride

Concen: 43.83 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

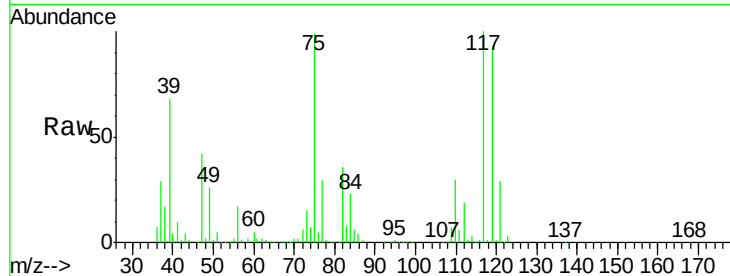
Tgt Ion:117 Resp: 549853

Ion Ratio Lower Upper

117 100

119 92.8 75.3 112.9

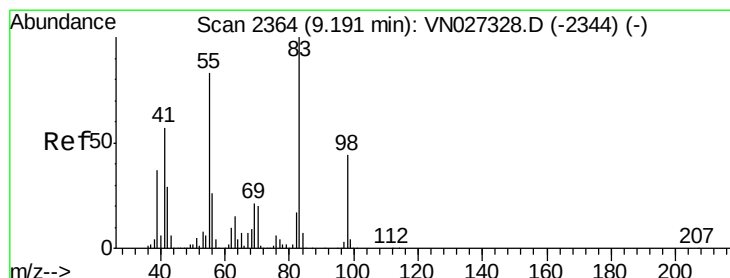
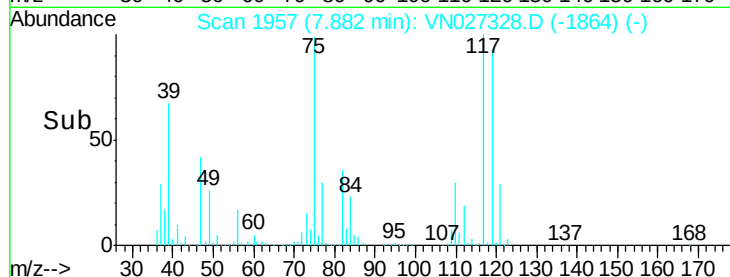
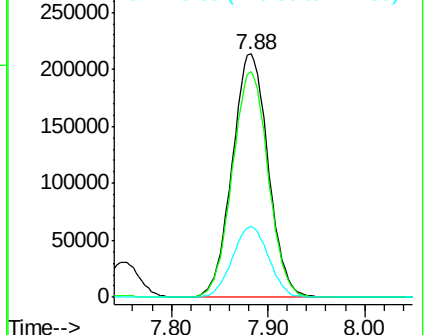
121 29.1 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Methylcyclohexane

Concen: 43.99 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

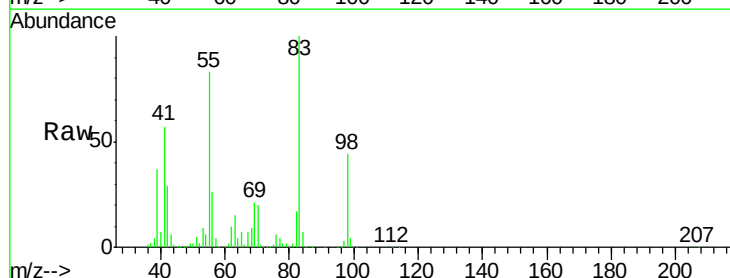
Tgt Ion: 83 Resp: 714686

Ion Ratio Lower Upper

83 100

55 82.6 69.8 104.8

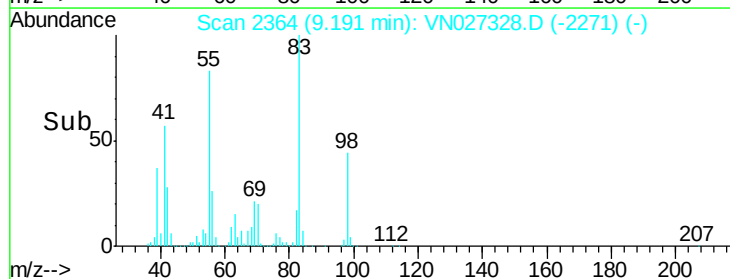
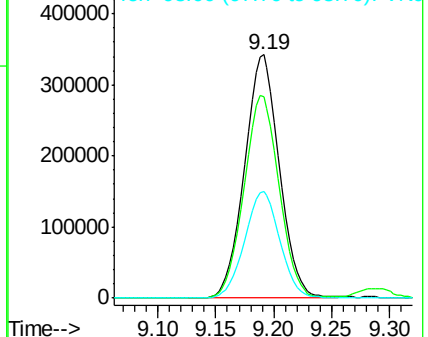
98 43.7 34.3 51.5

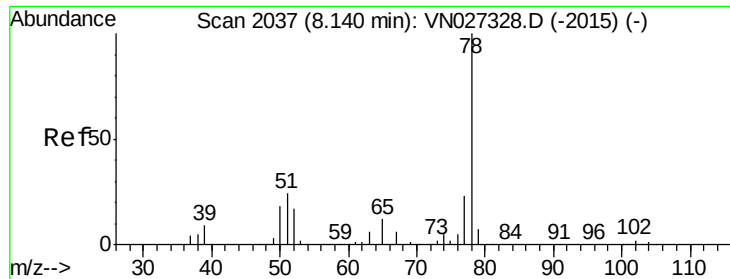


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 43.54 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

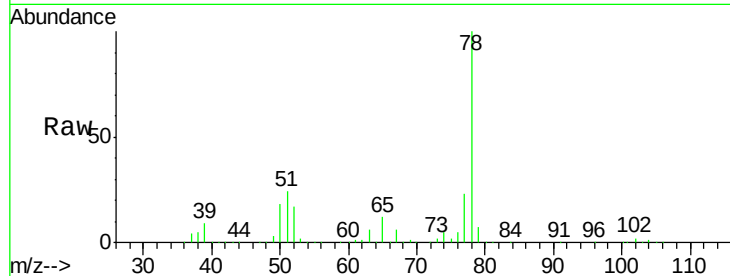
VSTDICCC050

Tgt Ion: 78 Resp: 1695112

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.14

800000

600000

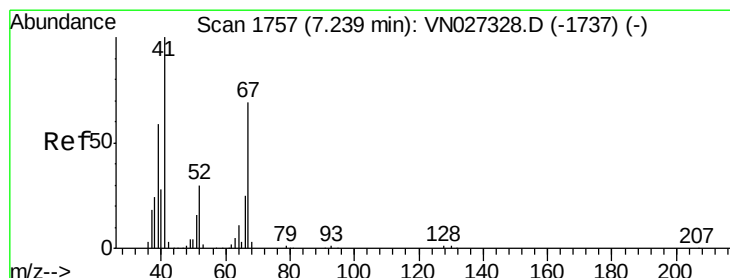
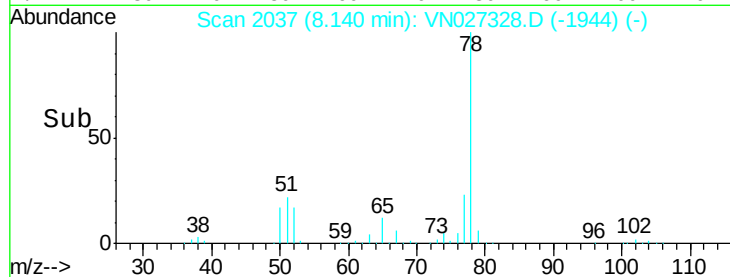
400000

200000

0

Time-->

8.00 8.10 8.20



#42

Methacrylonitrile

Concen: 40.68 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Tgt Ion: 41 Resp: 262351

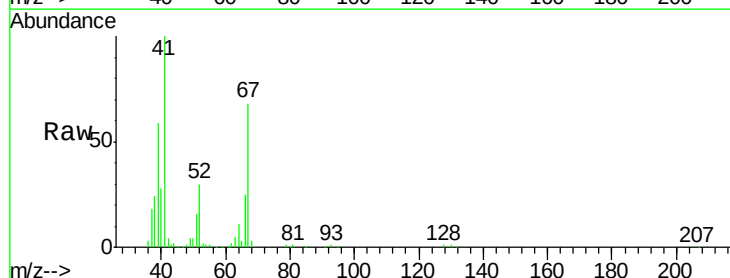
Ion Ratio Lower Upper

41 100

39 59.0 43.0 64.6

67 74.6 52.2 78.2

52 33.3 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

200000

150000

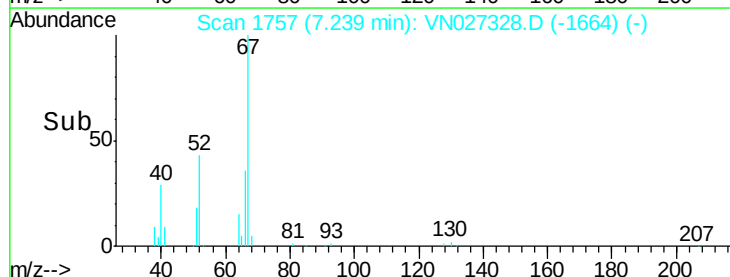
100000

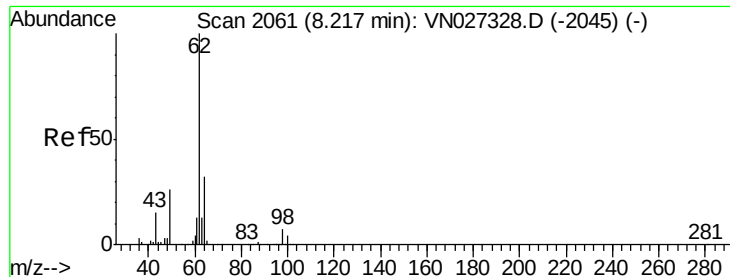
50000

0

Time-->

7.15 7.20 7.25 7.30

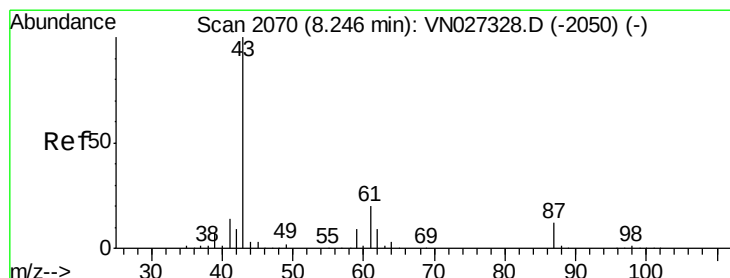
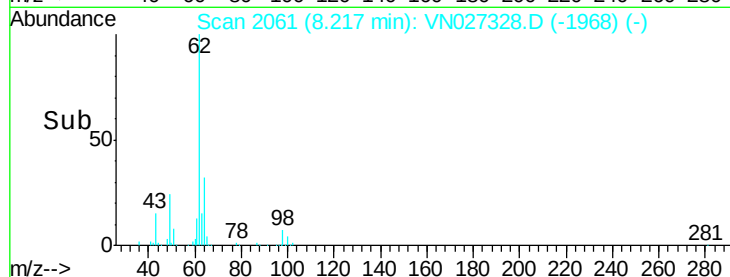
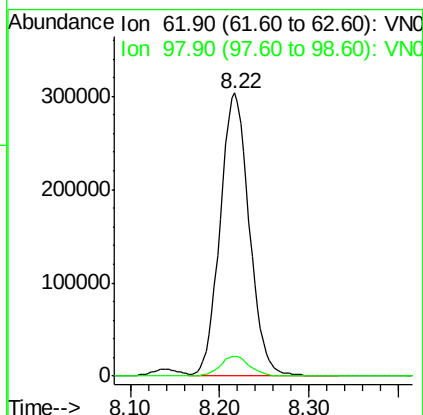
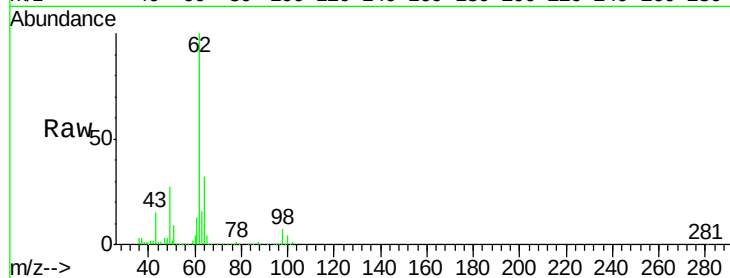




#43
 1,2-Dichloroethane
 Concen: 43.67 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

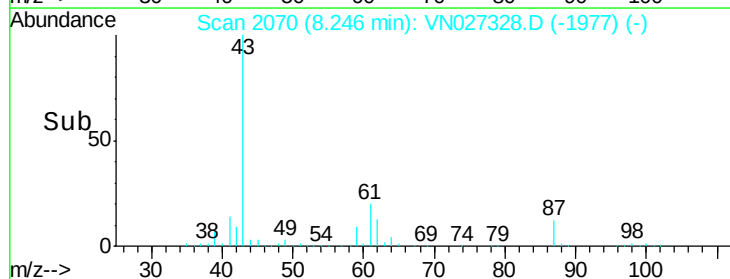
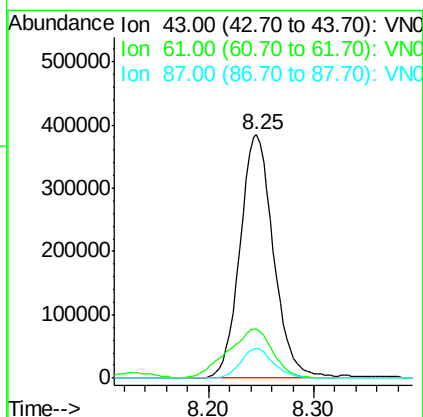
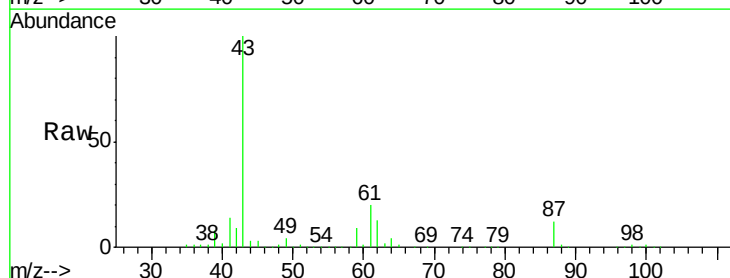
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

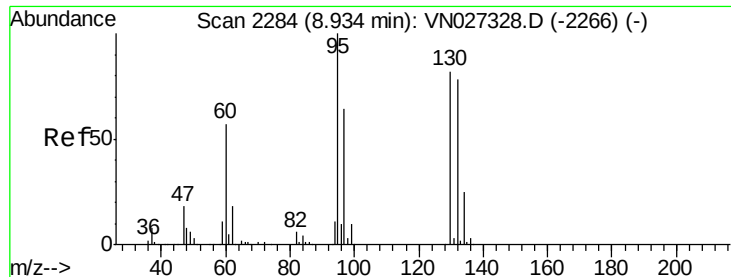
Tgt Ion: 62 Resp: 684833
 Ion Ratio Lower Upper
 62 100
 98 7.1 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 39.51 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 43 Resp: 842437
 Ion Ratio Lower Upper
 43 100
 61 27.6 20.6 31.0
 87 12.1 8.6 13.0





#45

Trichloroethene

Concen: 44.70 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

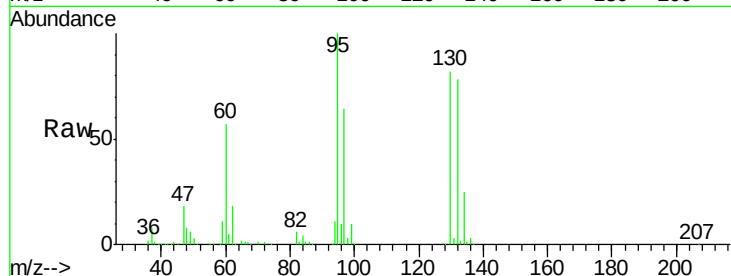
VSTDICCC050

Tgt Ion:130 Resp: 349541

Ion Ratio Lower Upper

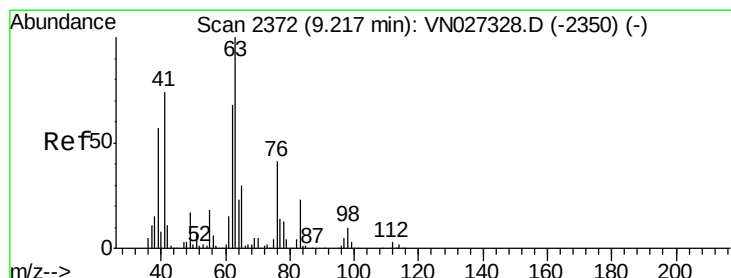
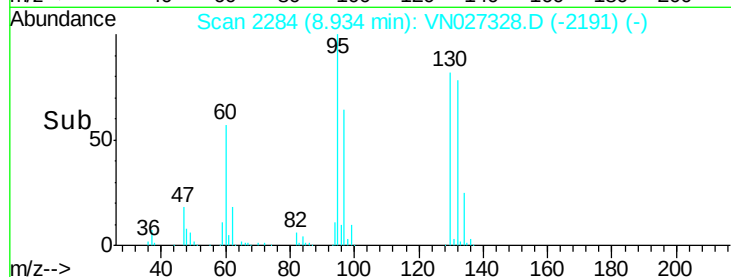
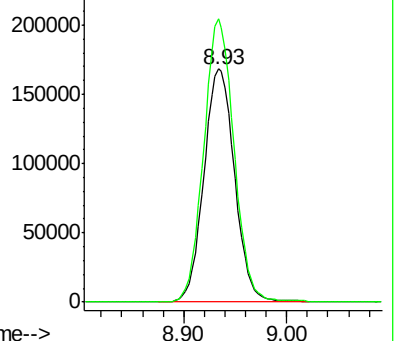
130 100

95 121.4 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: 42.16 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027328.D

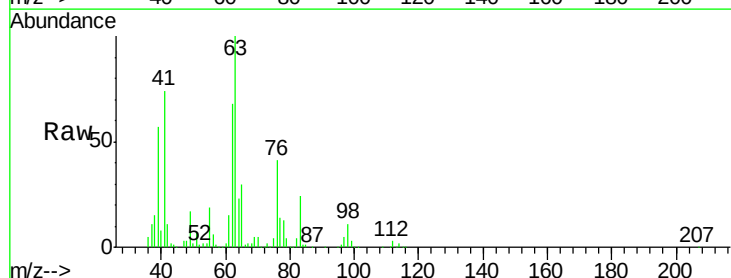
Acq: 21 Sep 2015 11:49

Tgt Ion: 63 Resp: 472161

Ion Ratio Lower Upper

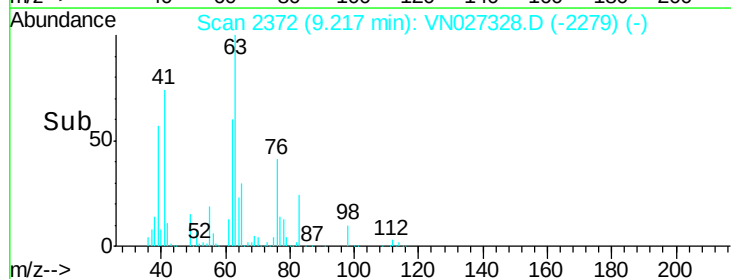
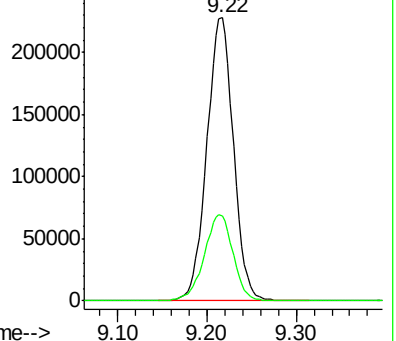
63 100

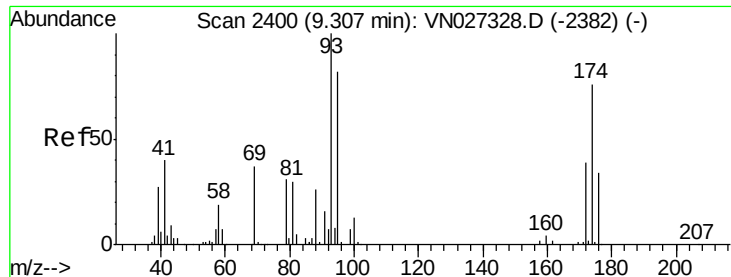
65 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#47

Dibromomethane

Concen: 43.57 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

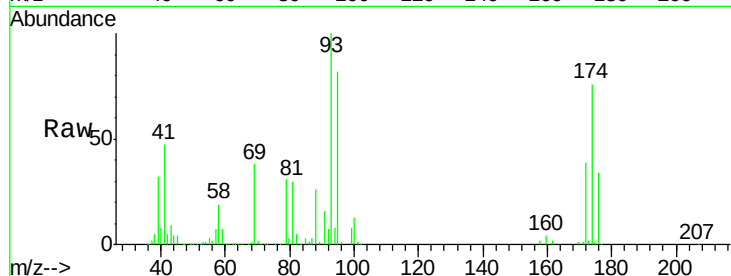
Tgt Ion: 93 Resp: 286525

Ion Ratio Lower Upper

93 100

95 79.3 66.3 99.5

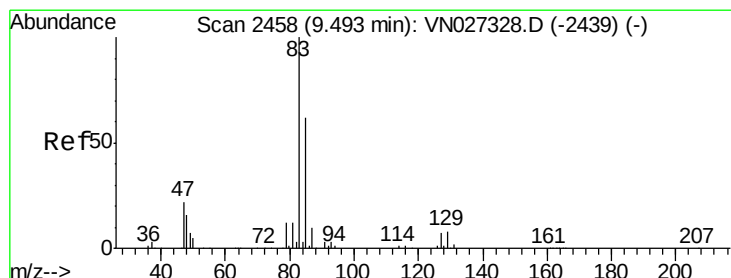
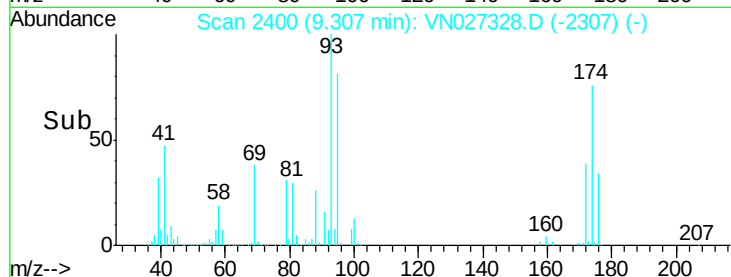
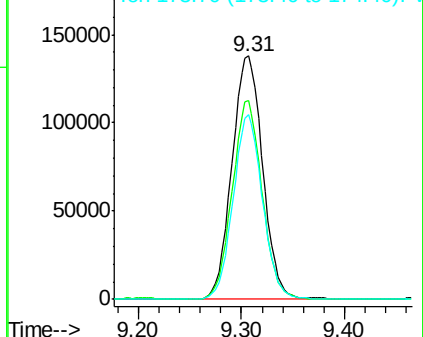
174 72.5 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#48

Bromodichloromethane

Concen: 44.34 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

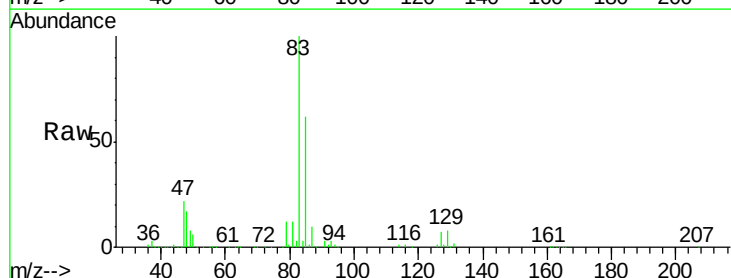
Tgt Ion: 83 Resp: 614565

Ion Ratio Lower Upper

83 100

85 62.4 50.7 76.1

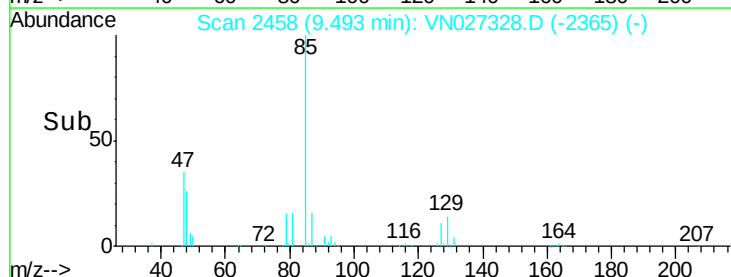
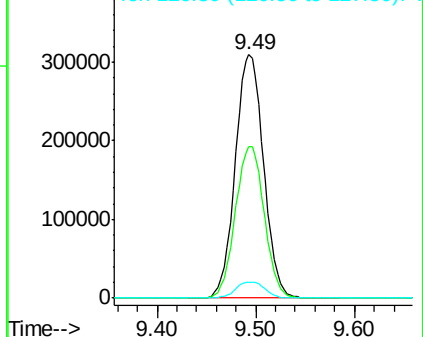
127 6.6 5.5 8.3

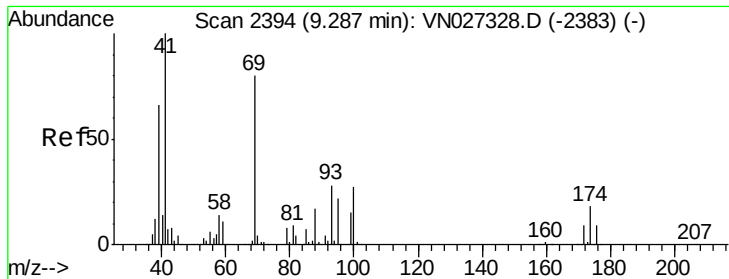


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

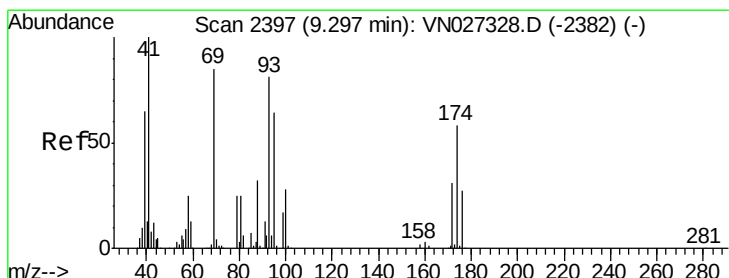
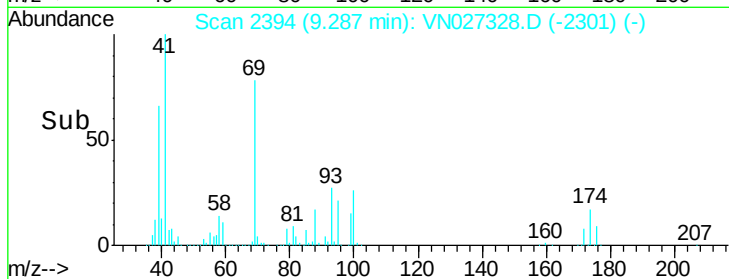
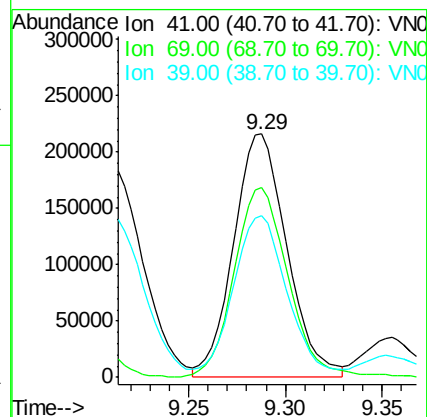
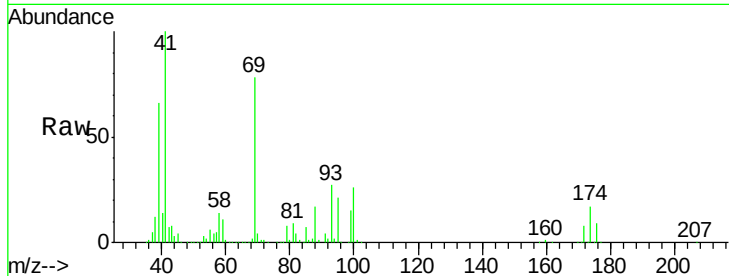




#49
Methyl methacrylate
Concen: 38.83 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

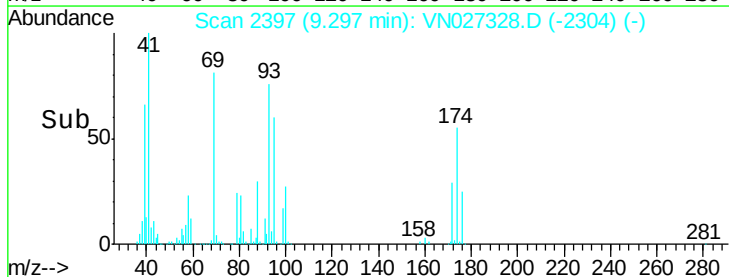
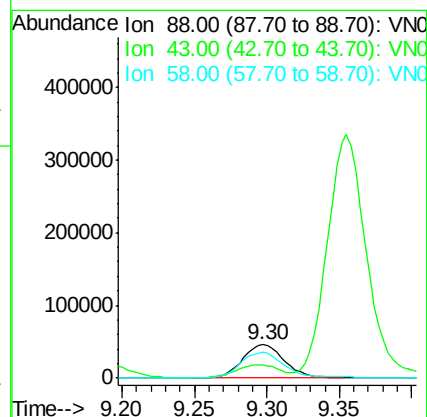
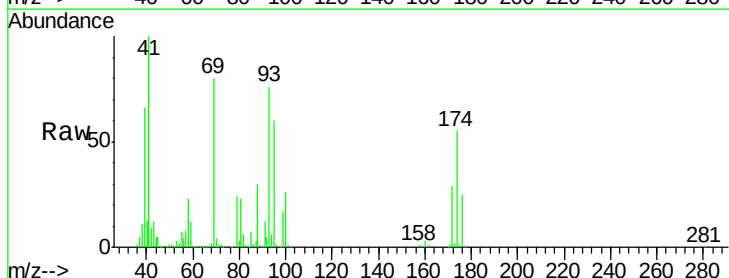
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

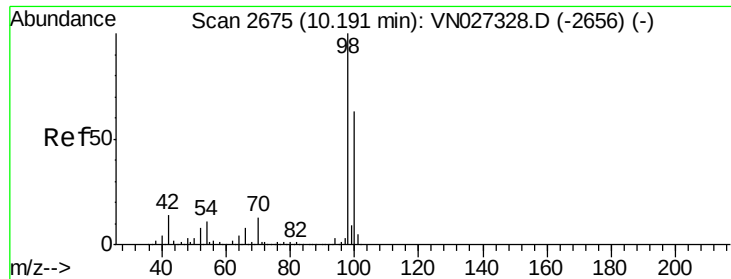
Tgt Ion: 41 Resp: 412444
Ion Ratio Lower Upper
41 100
69 78.7 59.3 88.9
39 66.9 39.5 59.3#



#50
1,4-Dioxane
Concen: 741.04 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion: 88 Resp: 92325
Ion Ratio Lower Upper
88 100
43 39.0 27.6 41.4
58 79.8 63.1 94.7





#51

Toluene-d8

Concen: 42.61 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

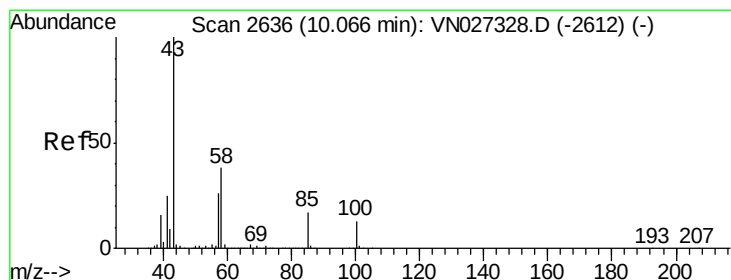
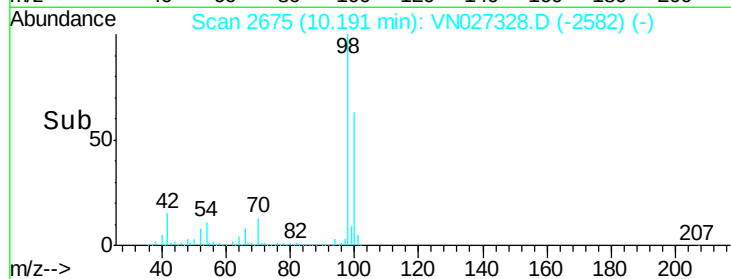
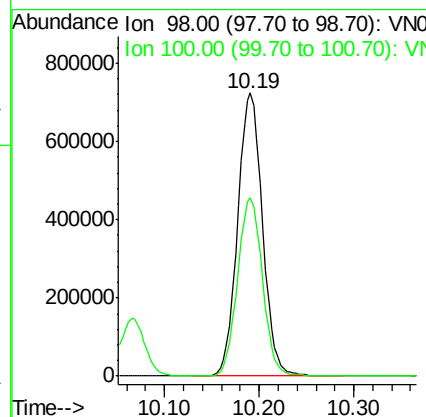
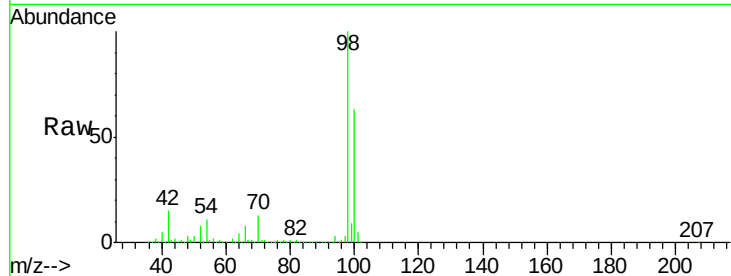
VSTDICCC050

Tgt Ion: 98 Resp: 1318092

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 191.62 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027328.D

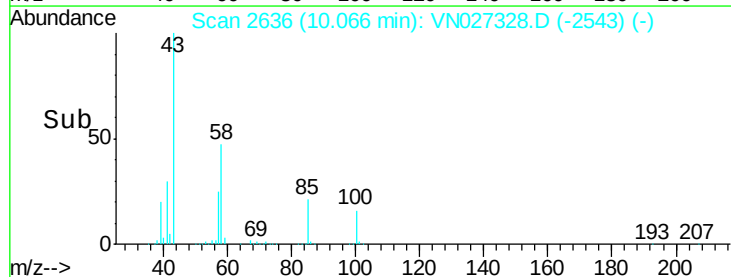
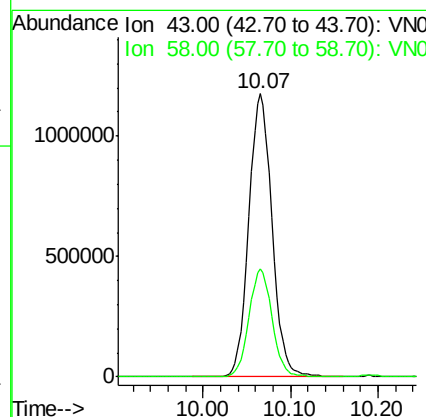
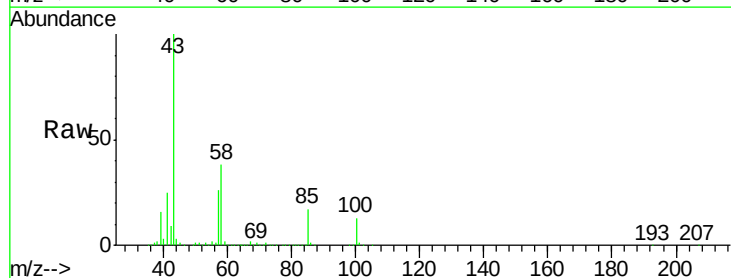
Acq: 21 Sep 2015 11:49

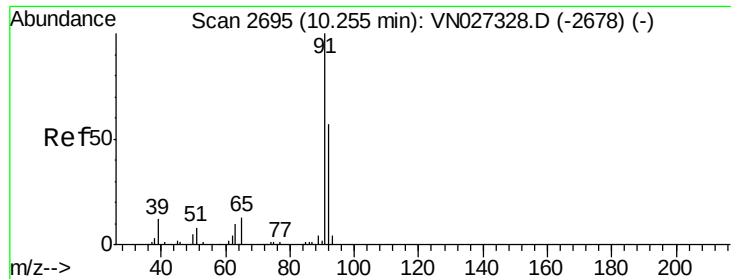
Tgt Ion: 43 Resp: 2160132

Ion Ratio Lower Upper

43 100

58 38.2 29.8 44.8





#53

Toluene

Concen: 44.14 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampled :

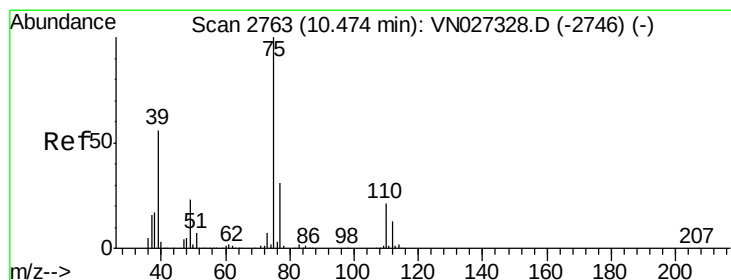
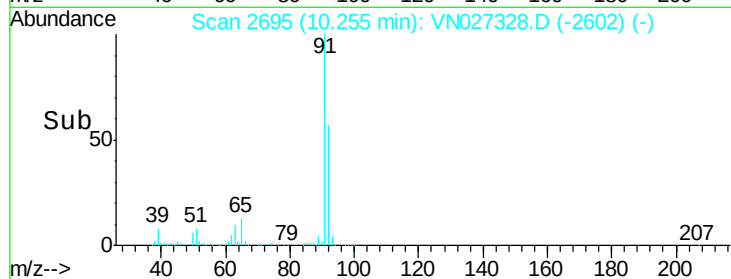
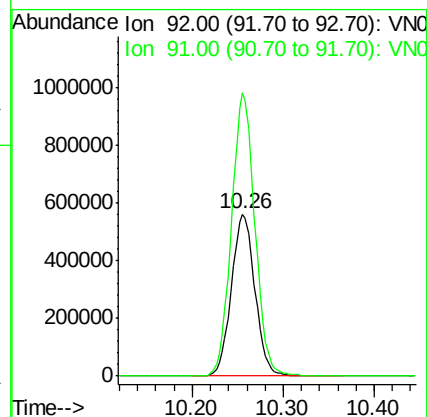
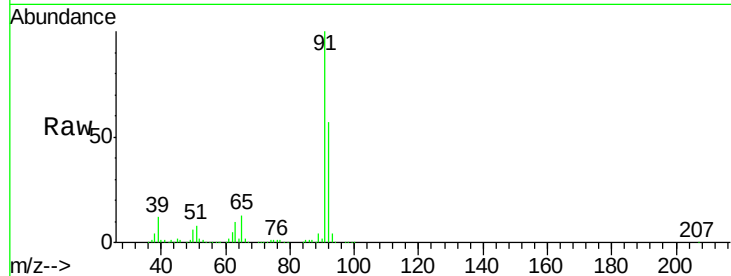
VSTDICCC050

Tgt Ion: 92 Resp: 1006461

Ion Ratio Lower Upper

92 100

91 173.7 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 42.57 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027328.D

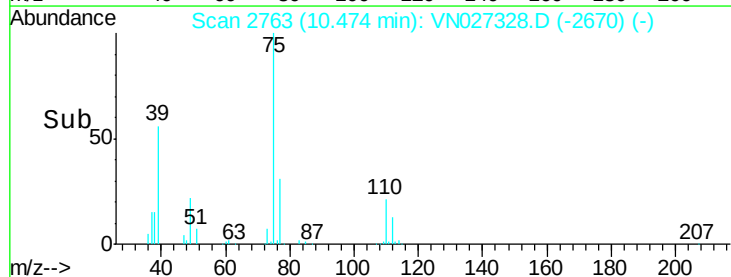
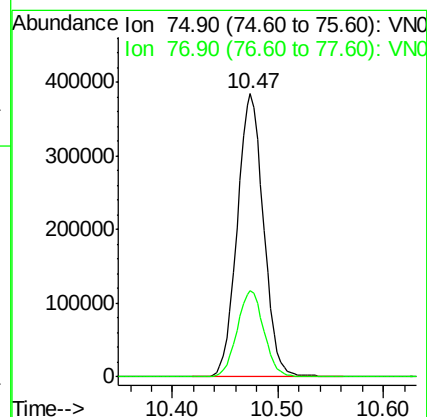
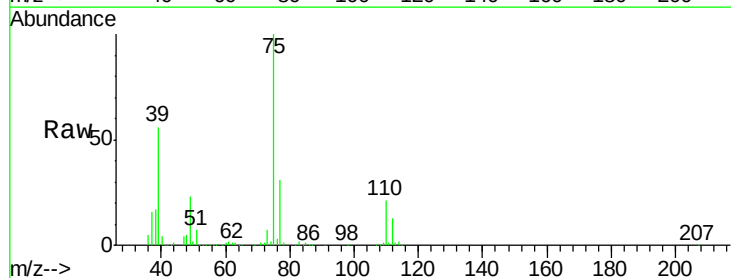
Acq: 21 Sep 2015 11:49

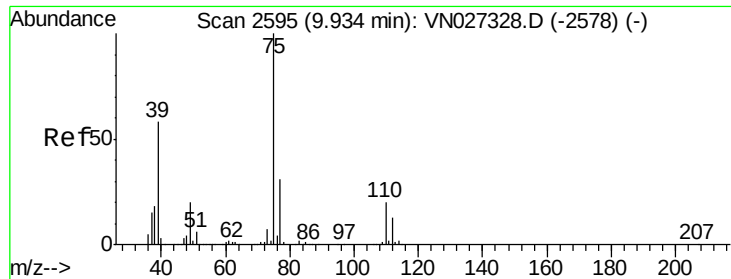
Tgt Ion: 75 Resp: 662553

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 43.19 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

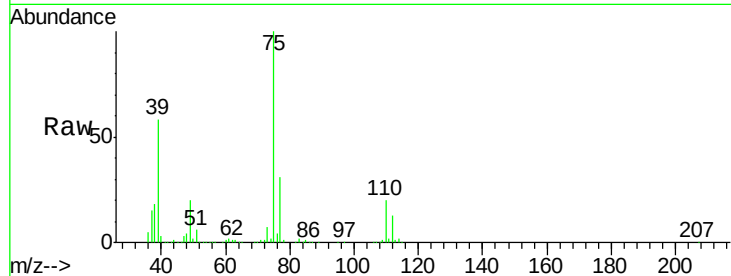
Tgt Ion: 75 Resp: 731264

Ion Ratio Lower Upper

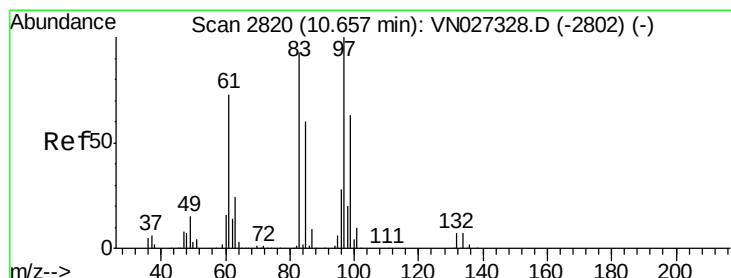
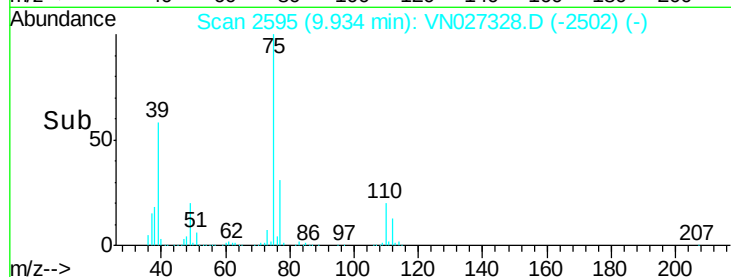
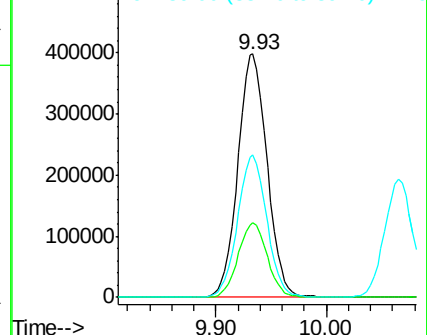
75 100

77 30.8 25.6 38.4

39 58.2 41.6 62.4



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



#56

1,1,2-Trichloroethane

Concen: 44.10 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Tgt Ion: 97 Resp: 377907

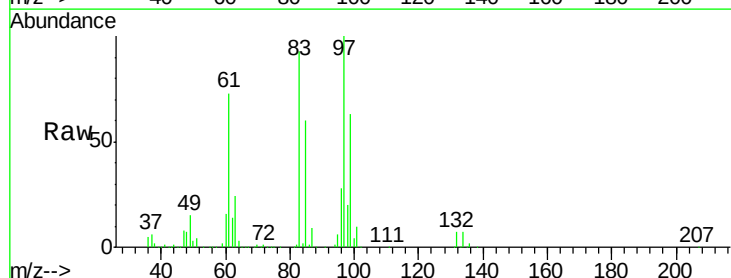
Ion Ratio Lower Upper

97 100

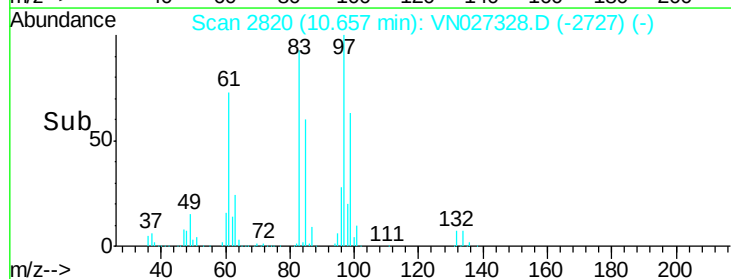
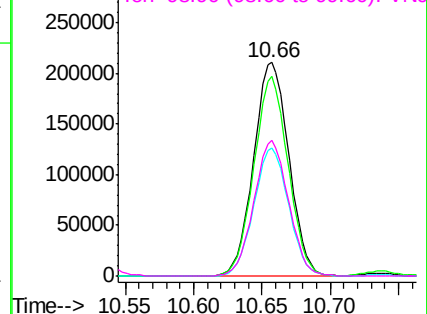
83 93.1 75.0 112.4

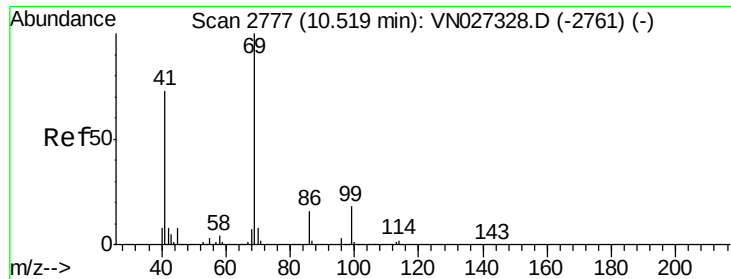
85 59.8 48.0 72.0

99 63.3 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: 40.90 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

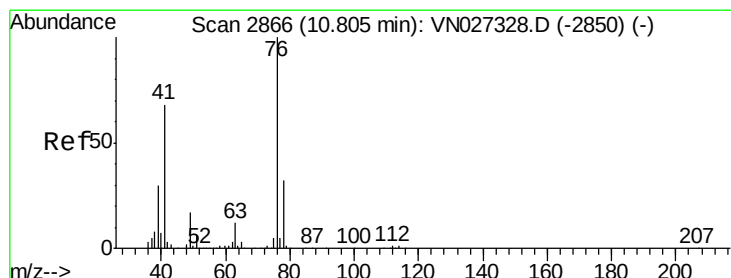
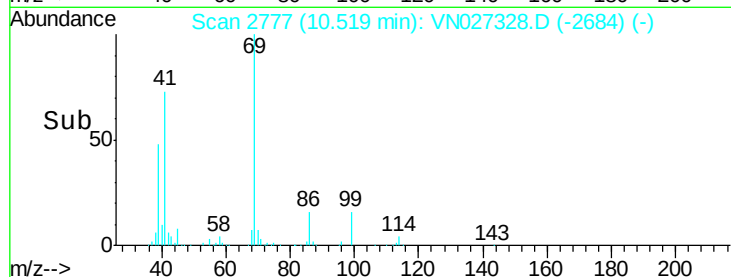
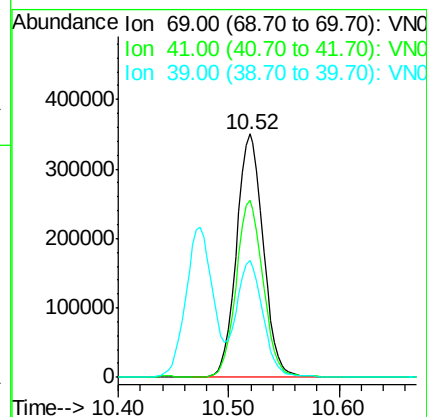
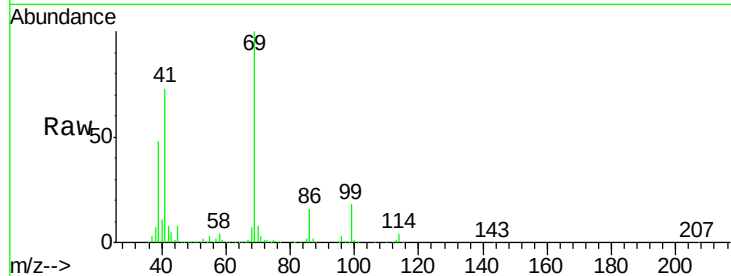
Tgt Ion: 69 Resp: 590634

Ion Ratio Lower Upper

69 100

41 72.1 61.3 91.9

39 47.5 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 43.08 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027328.D

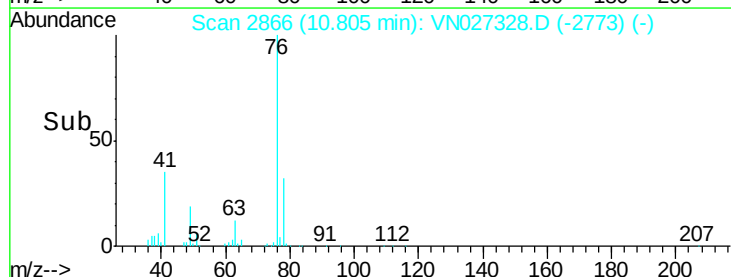
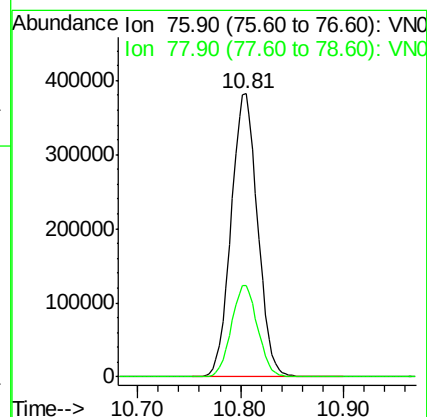
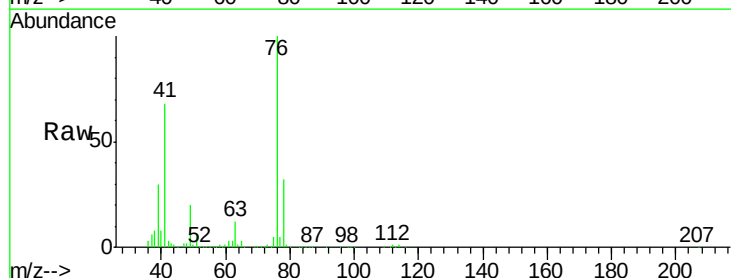
Acq: 21 Sep 2015 11:49

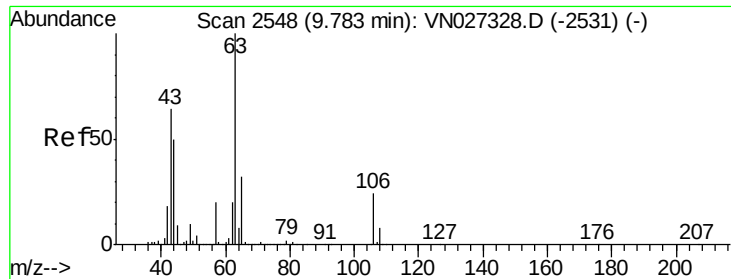
Tgt Ion: 76 Resp: 685359

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6

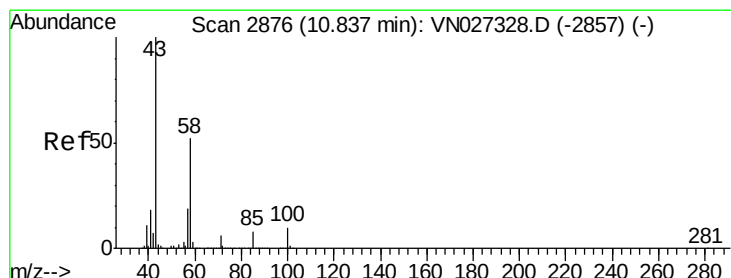
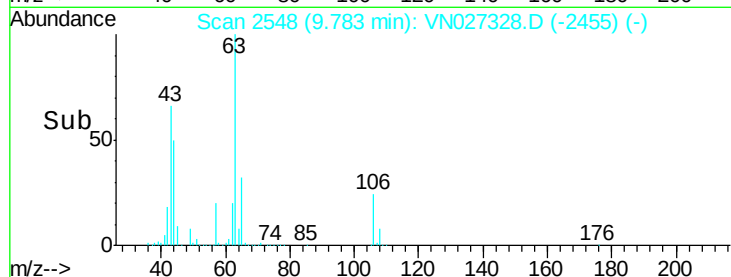
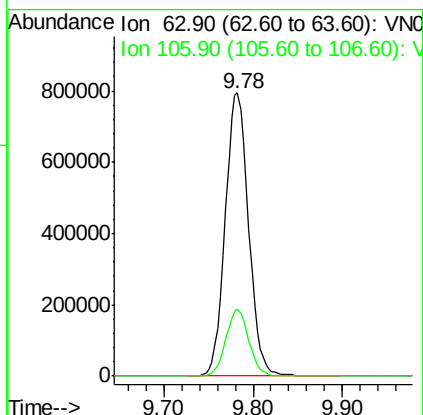
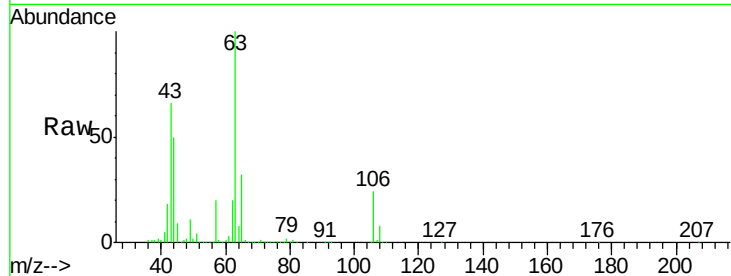




#59
 2-Chloroethyl Vinyl ether
 Concen: 216.63 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

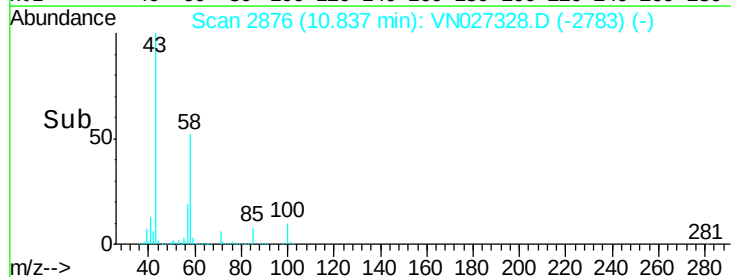
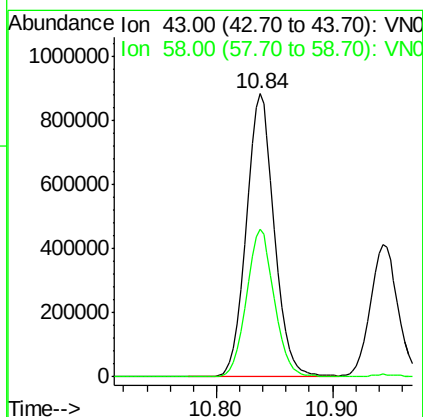
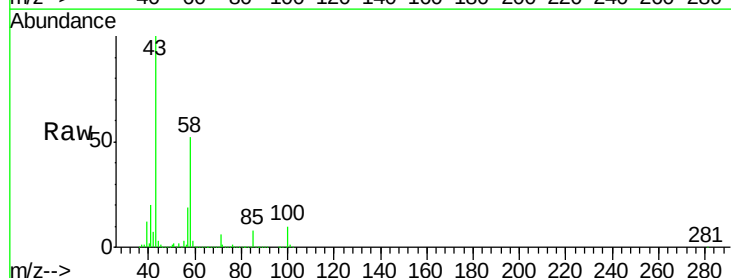
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

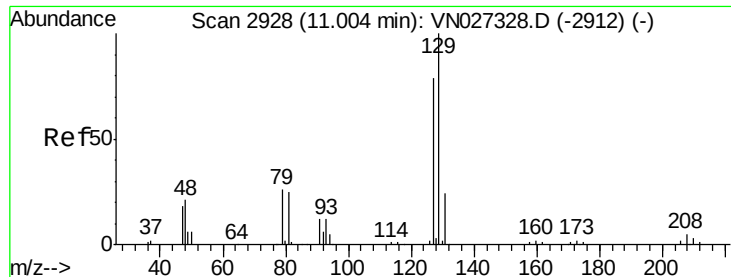
Tgt Ion: 63 Resp: 1436514
 Ion Ratio Lower Upper
 63 100
 106 23.2 17.7 26.5



#60
 2-Hexanone
 Concen: 192.55 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 43 Resp: 1477832
 Ion Ratio Lower Upper
 43 100
 58 52.2 26.2 78.5

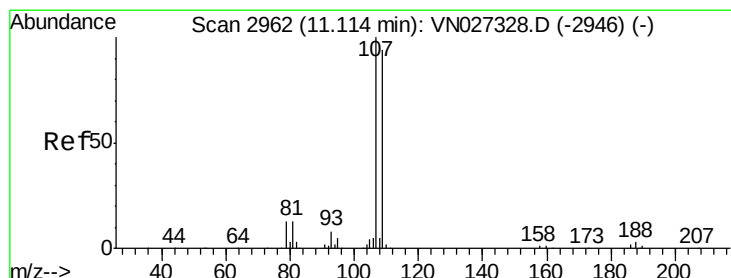
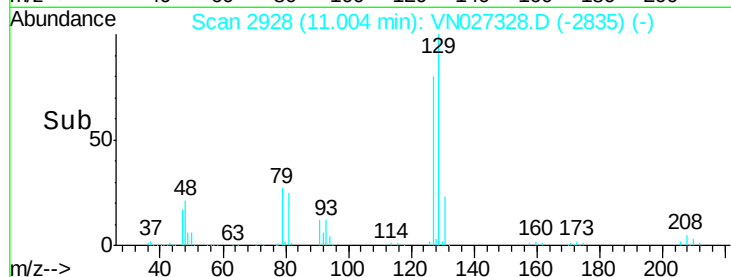
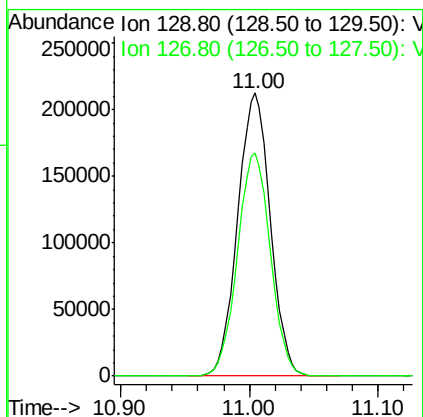
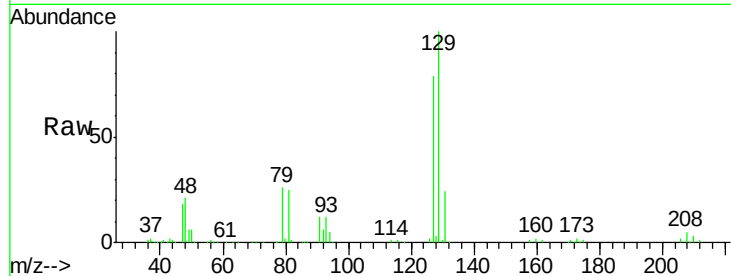




#61
 Dibromochloromethane
 Concen: 42.76 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

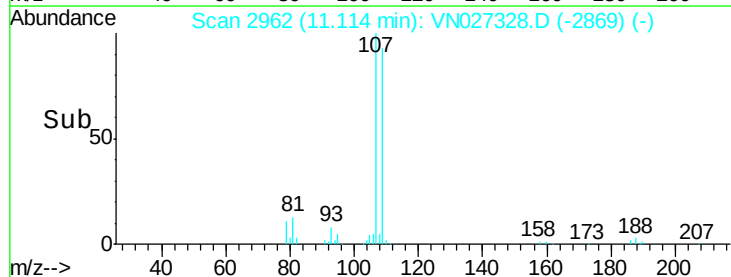
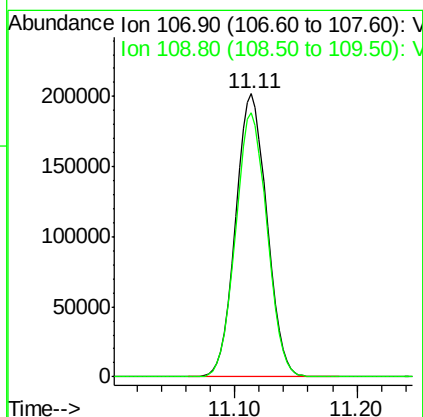
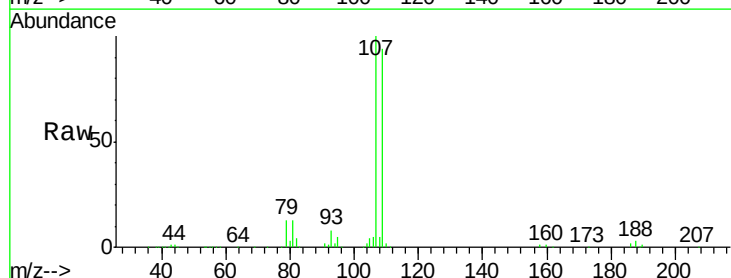
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

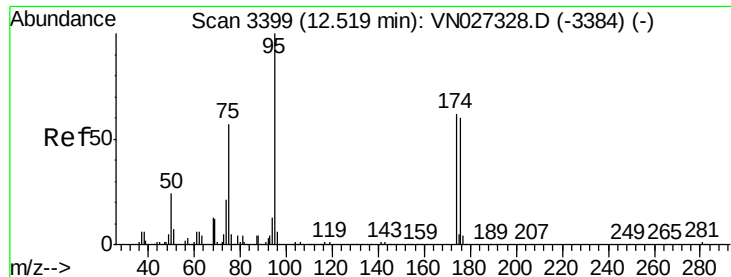
Tgt Ion:129 Resp: 374267
 Ion Ratio Lower Upper
 129 100
 127 79.5 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 42.54 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion:107 Resp: 358292
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4

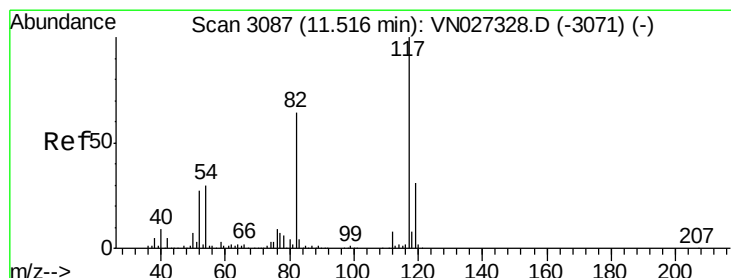
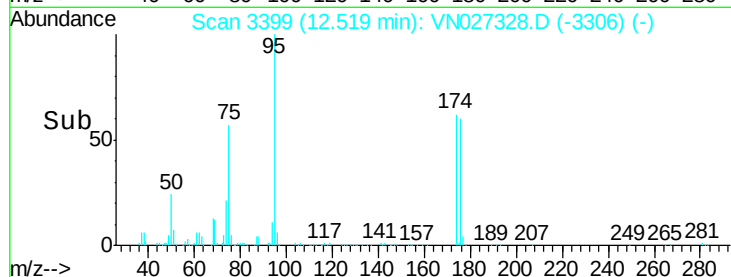
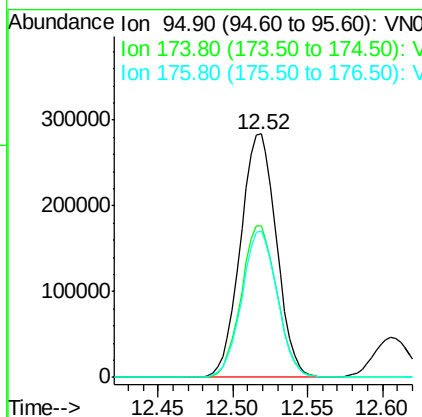
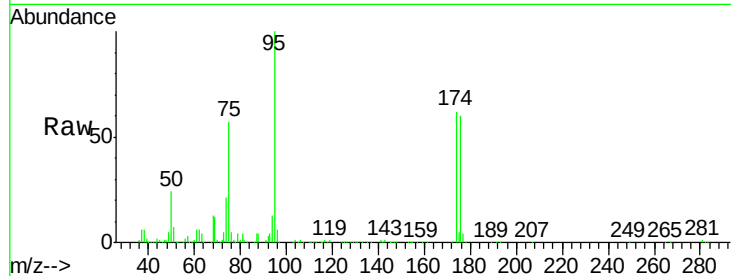




#63
4-Bromofluorobenzene
Concen: 43.31 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

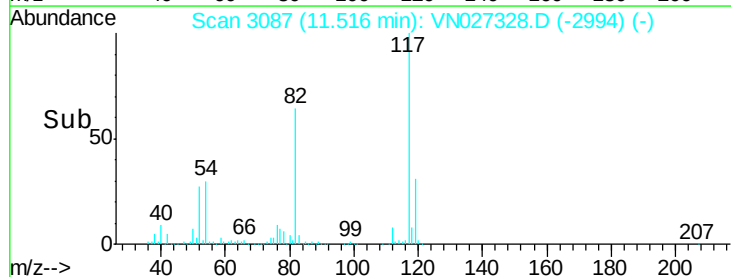
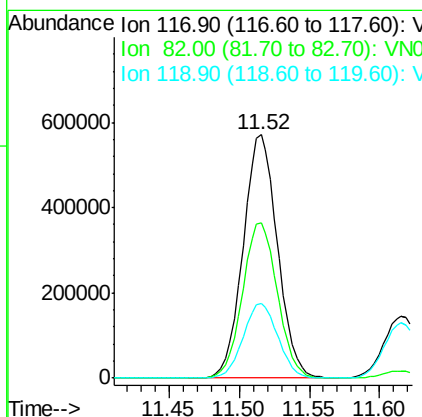
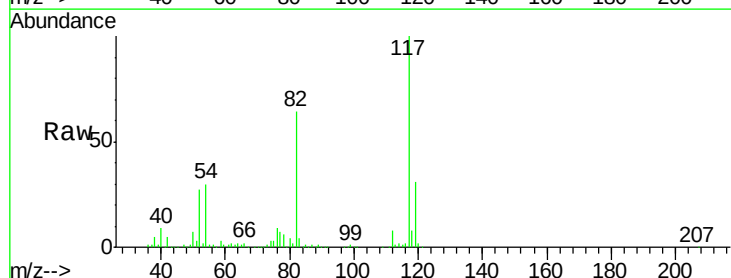
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

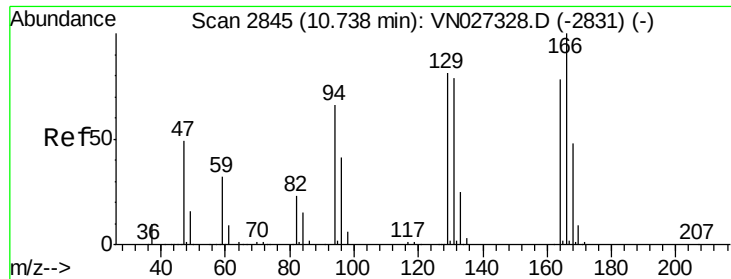
Tgt Ion: 95 Resp: 475561
Ion Ratio Lower Upper
95 100
174 61.7 0.0 137.0
176 59.1 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion: 117 Resp: 972752
Ion Ratio Lower Upper
117 100
82 64.0 49.6 74.4
119 30.7 24.6 36.8





#65

Tetrachloroethene

Concen: 44.33 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:164 Resp: 275777

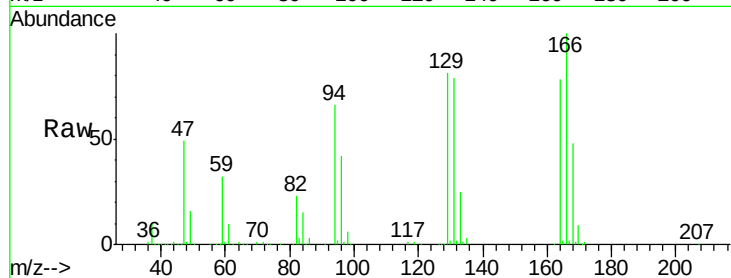
Ion Ratio Lower Upper

164 100

166 128.0 103.4 155.0

129 103.5 77.5 116.3

131 101.4 74.2 111.4

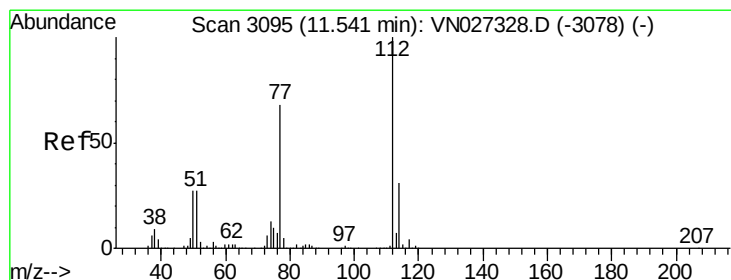
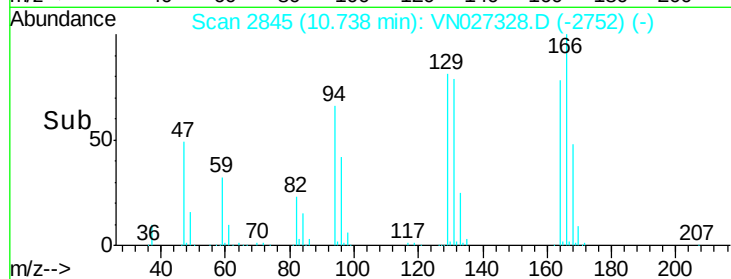
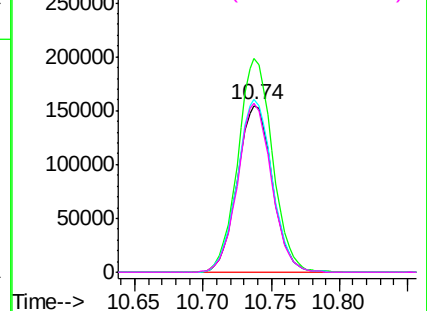


Abundance Ion 163.80 (163.50 to 164.50): V

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: 43.37 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027328.D

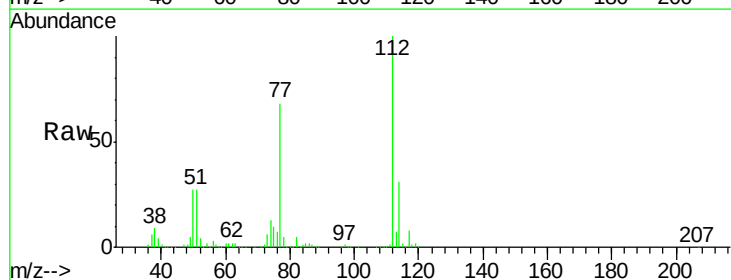
Acq: 21 Sep 2015 11:49

Tgt Ion:112 Resp: 995901

Ion Ratio Lower Upper

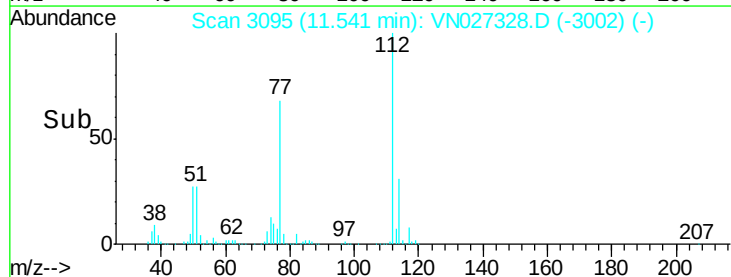
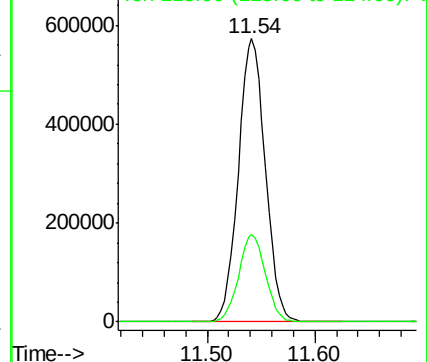
112 100

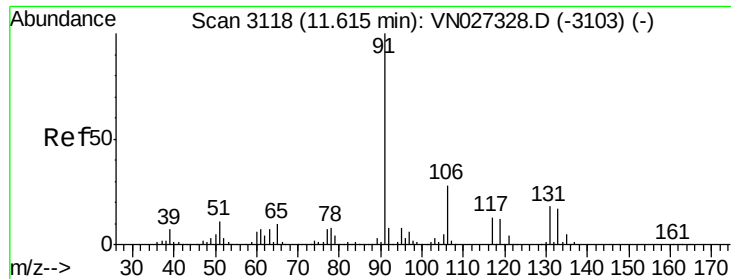
114 31.0 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

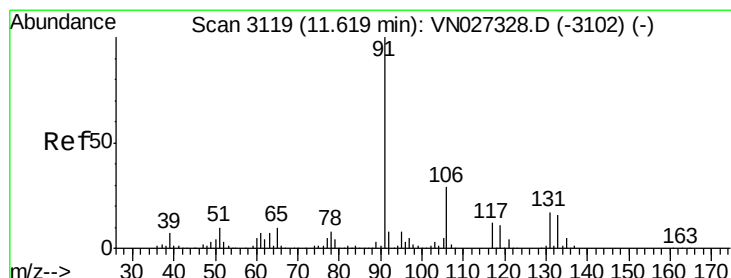
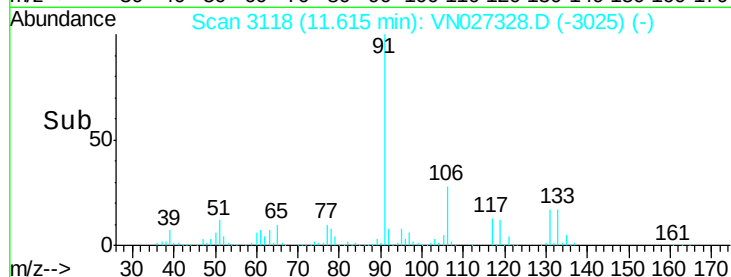
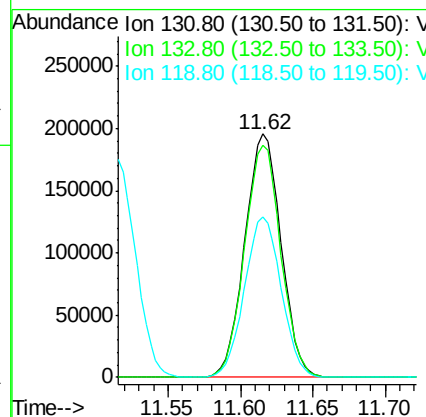
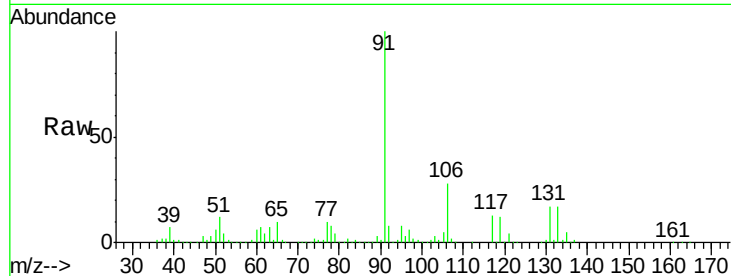




#67
 1,1,1,2-Tetrachloroethane
 Concen: 43.45 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

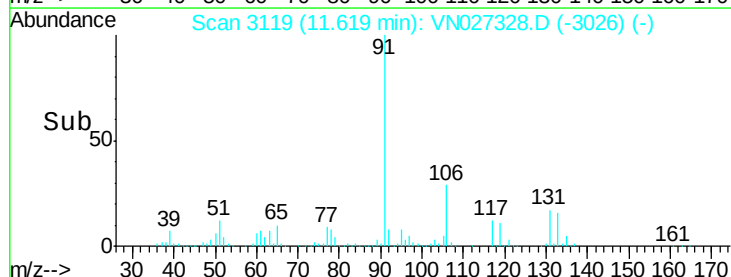
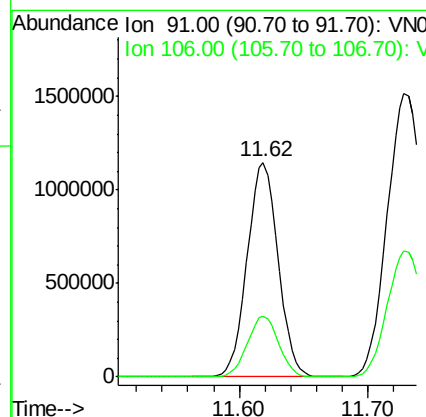
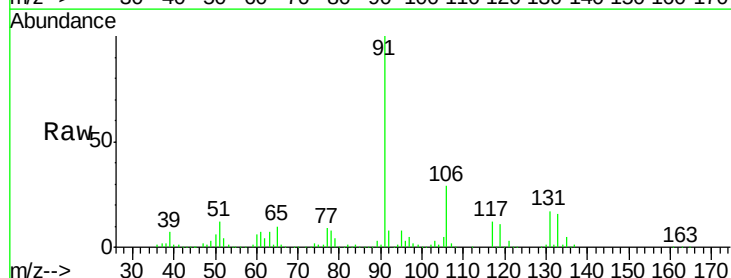
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

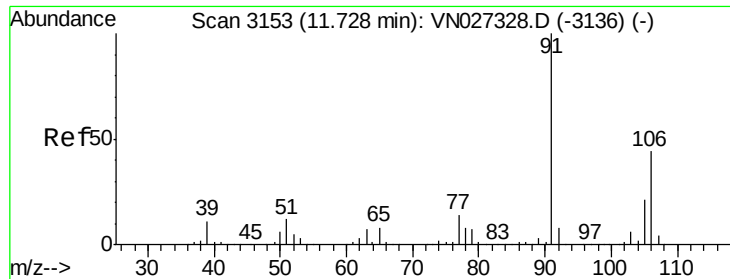
Tgt Ion: 131 Resp: 340385
 Ion Ratio Lower Upper
 131 100
 133 95.3 47.0 141.2
 119 66.8 35.1 105.5



#68
 Ethyl Benzene
 Concen: 43.92 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 91 Resp: 1912523
 Ion Ratio Lower Upper
 91 100
 106 28.5 23.1 34.7

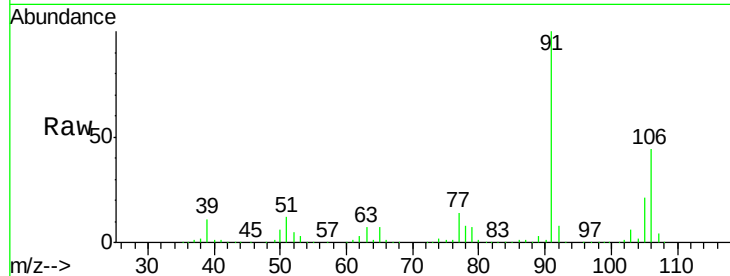




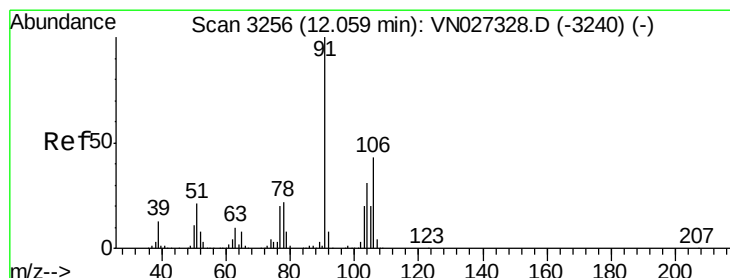
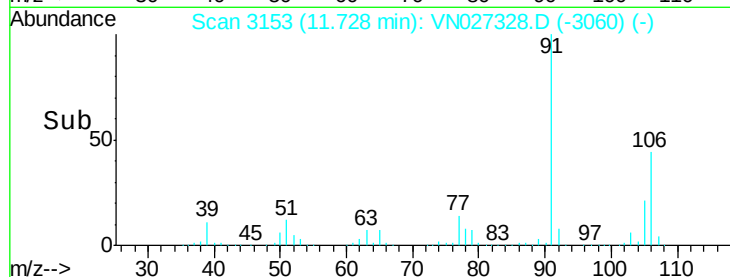
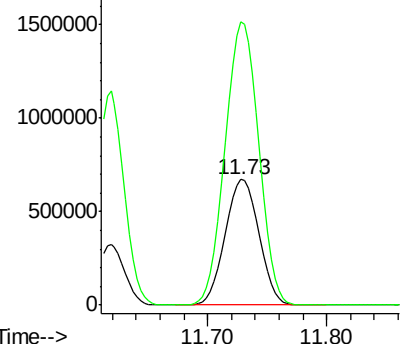
#69
m/p-Xylenes
Concen: 88.09 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 1323469
Ion Ratio Lower Upper
106 100
91 224.5 167.1 250.7

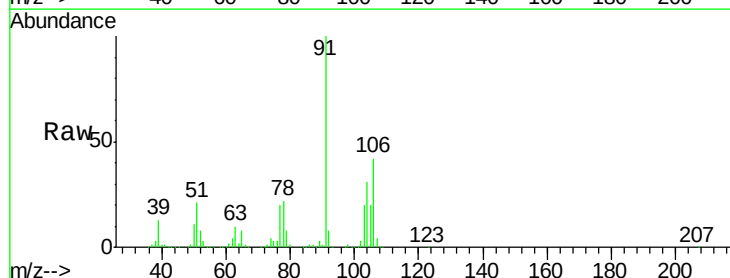


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

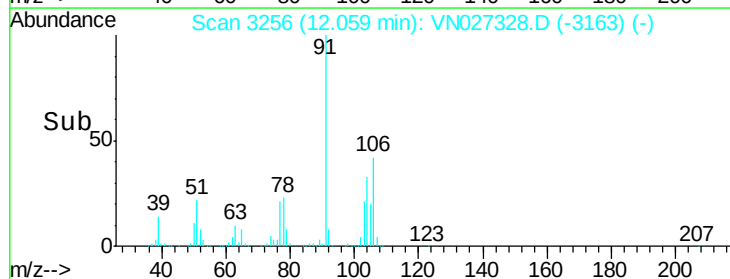
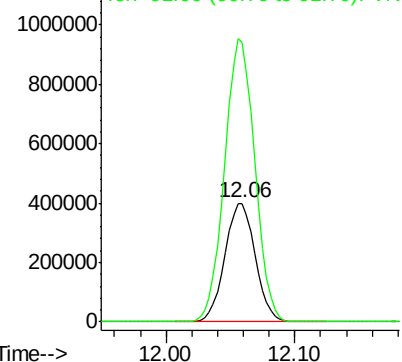


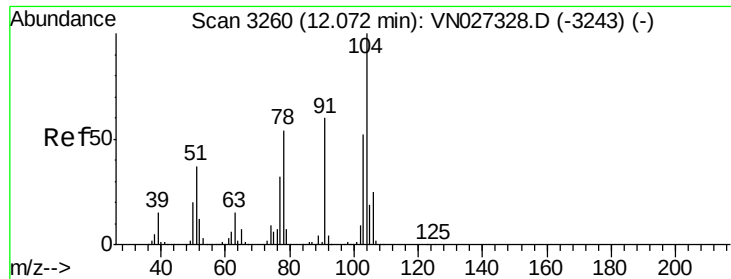
#70
o-Xylene
Concen: 43.43 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion:106 Resp: 654157
Ion Ratio Lower Upper
106 100
91 237.6 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Styrene

Concen: 44.27 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

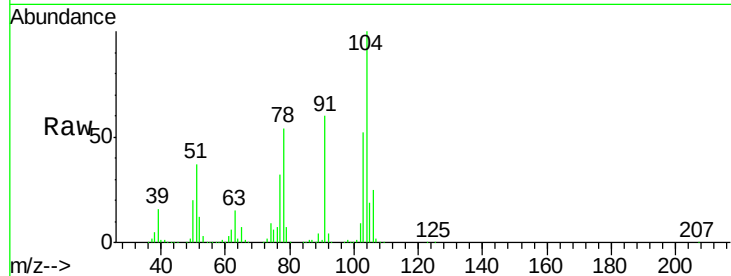
Tgt Ion:104 Resp: 1076516

Ion Ratio Lower Upper

104 100

78 59.5 41.6 62.4

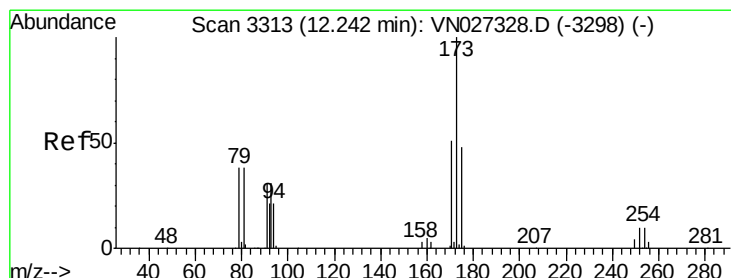
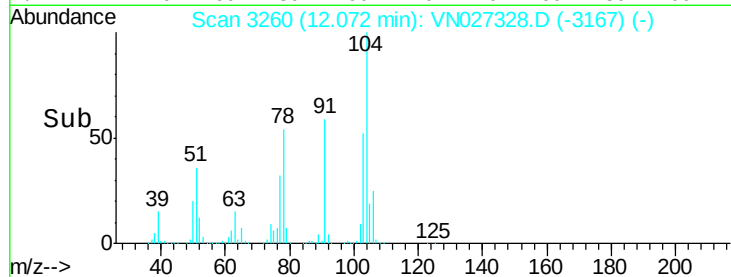
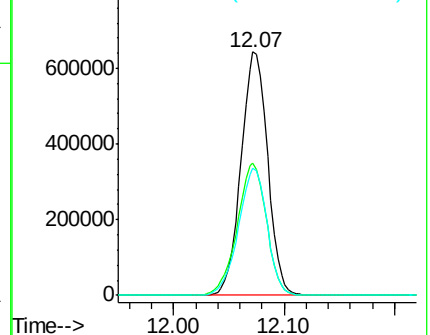
103 56.0 44.2 66.2



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: 41.40 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

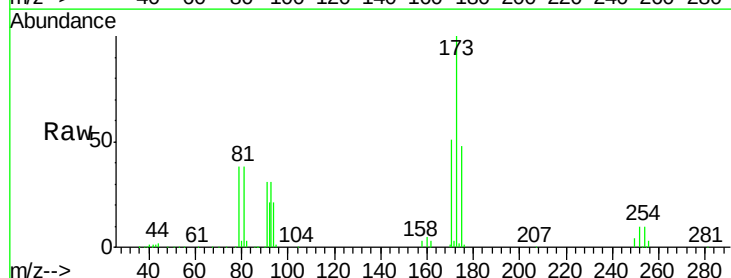
Tgt Ion:173 Resp: 225540

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.4

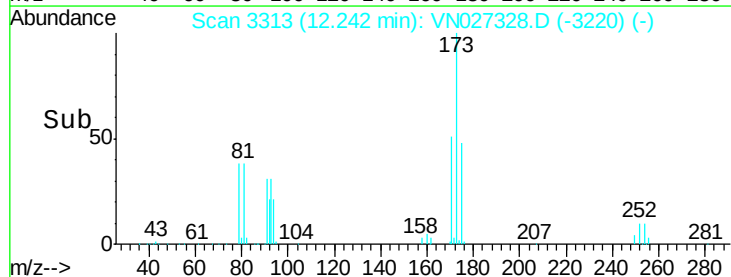
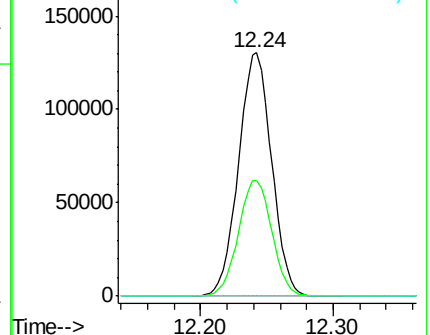
254 0.1 0.1 0.1#

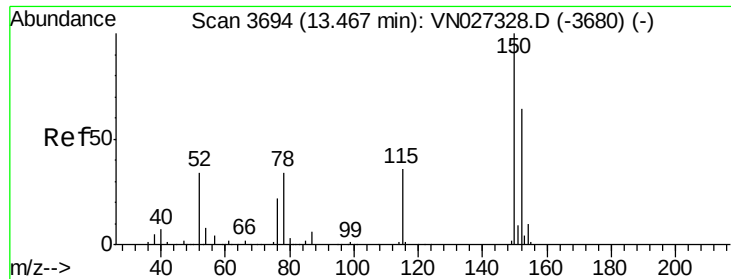


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

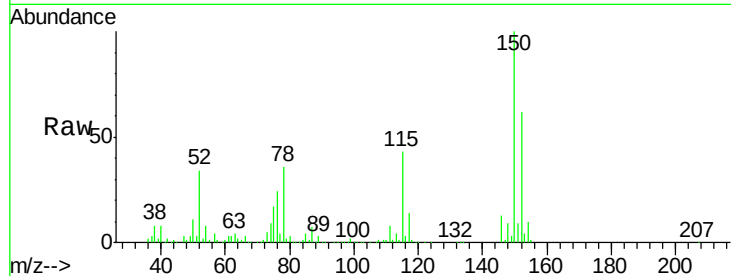
Tgt Ion:152 Resp: 377892

Ion Ratio Lower Upper

152 100

115 69.5 30.8 92.3

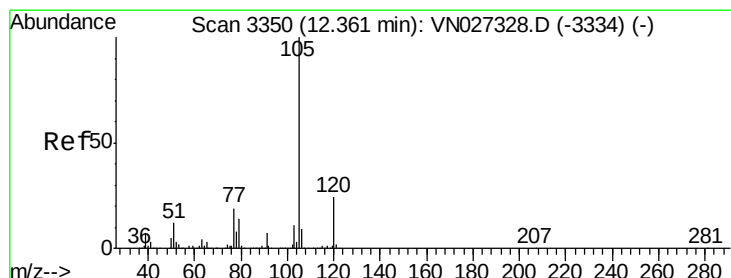
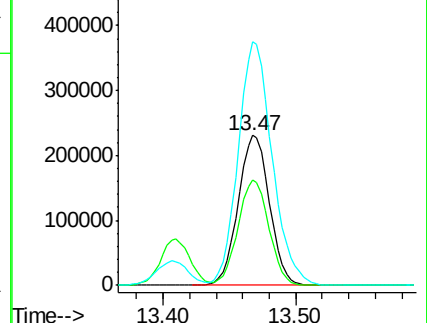
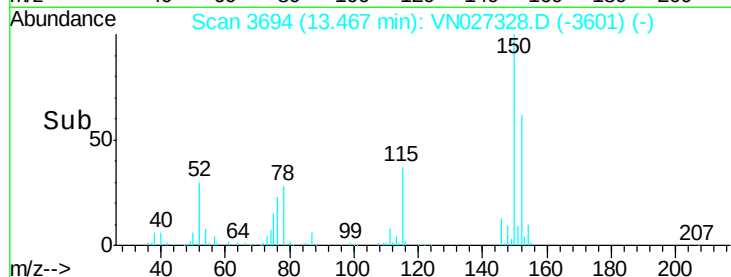
150 176.6 0.0 345.0



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: 43.20 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027328.D

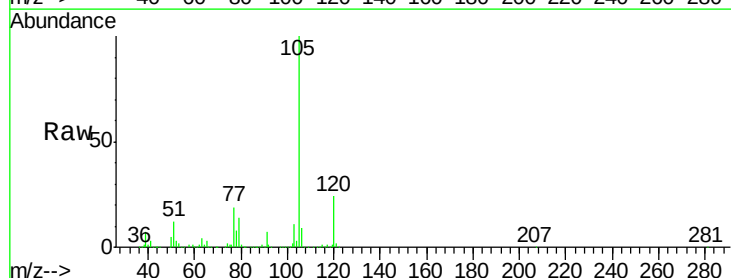
Acq: 21 Sep 2015 11:49

Tgt Ion:105 Resp: 1799110

Ion Ratio Lower Upper

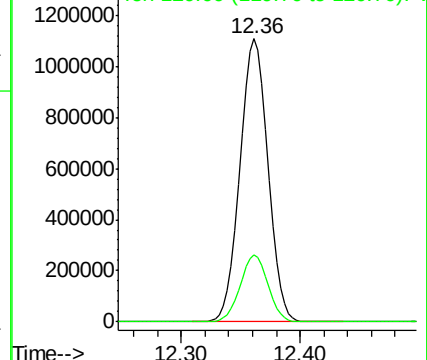
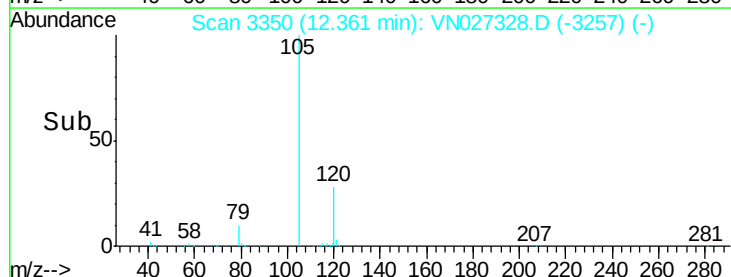
105 100

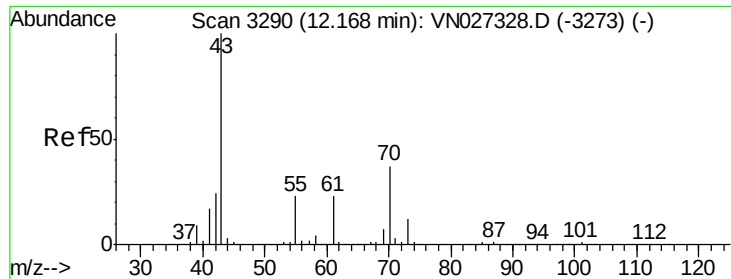
120 23.5 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-ethyl acetate

Concen: 39.16 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 727846

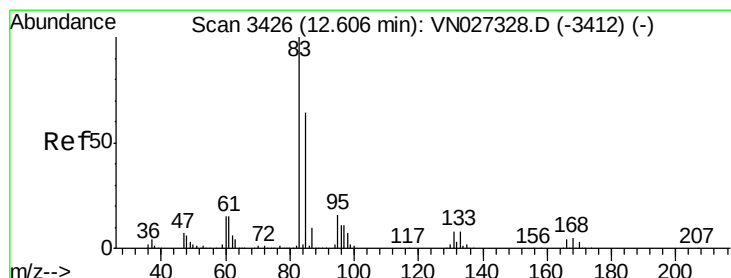
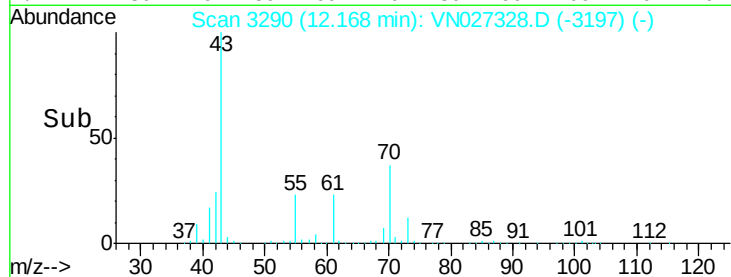
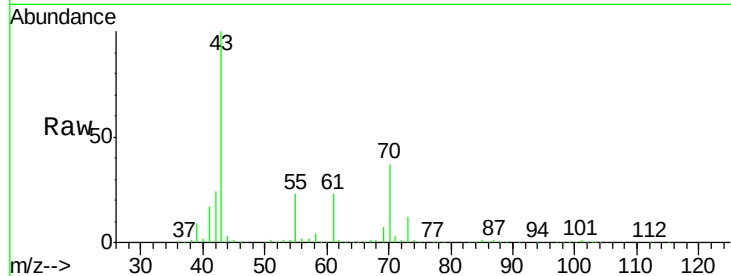
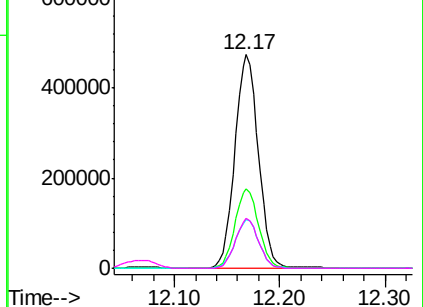
Ion	Ratio	Lower	Upper
43	100		
70	37.3	29.8	44.8
55	22.9	19.4	29.0
61	22.9	18.2	27.2

Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,1,2,2-Tetrachloroethane

Concen: 43.85 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

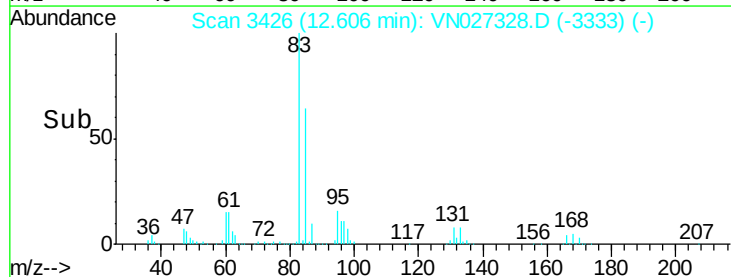
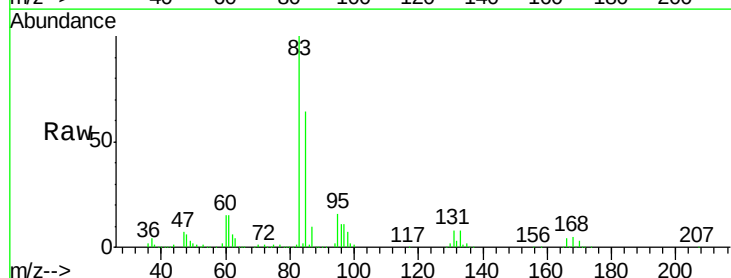
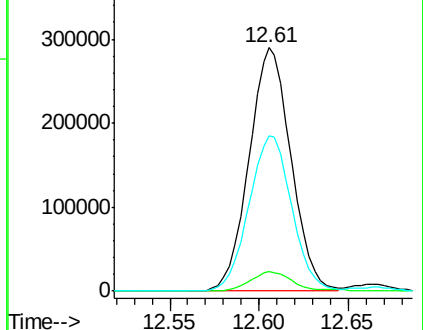
Tgt Ion: 83 Resp: 475921

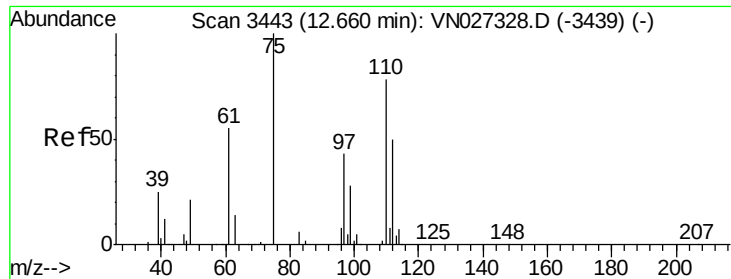
Ion	Ratio	Lower	Upper
83	100		
131	8.3	4.1	12.3
85	65.1	31.9	95.7

Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 58.17 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampled :

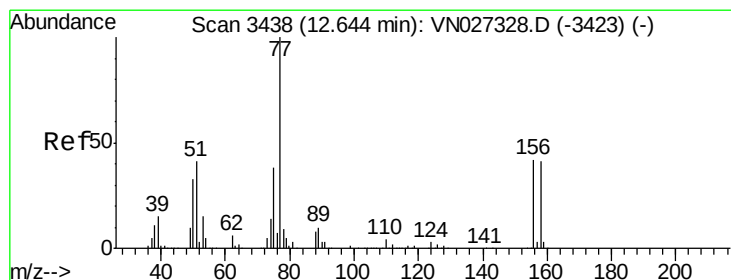
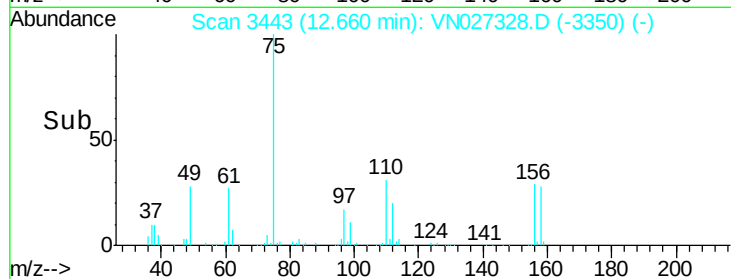
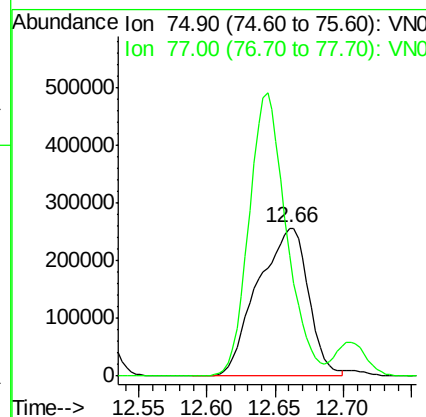
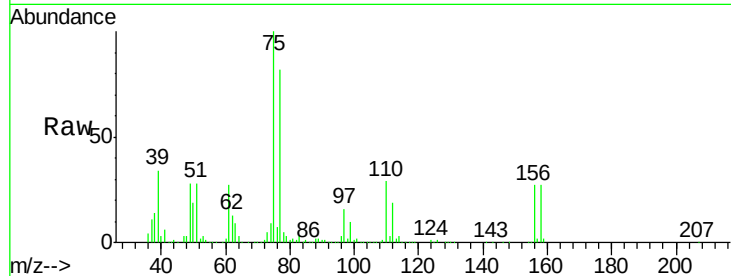
VSTDICCC050

Tgt Ion: 75 Resp: 664356

Ion Ratio Lower Upper

75 100

77 140.6 103.1 309.3



#78

Bromobenzene

Concen: 41.89 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

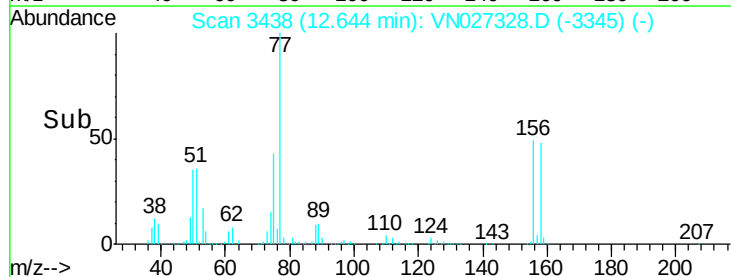
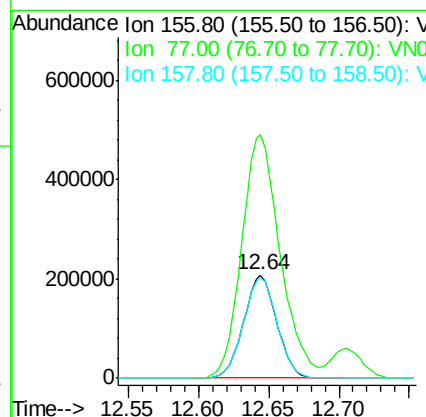
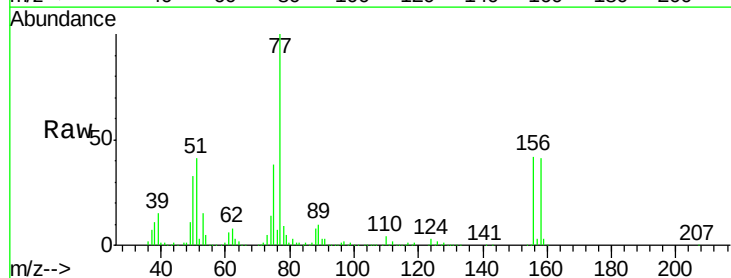
Tgt Ion: 156 Resp: 342098

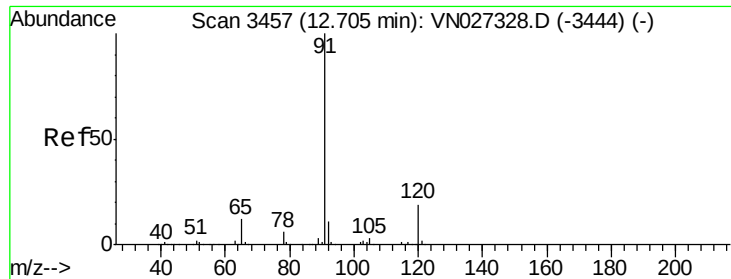
Ion Ratio Lower Upper

156 100

77 273.0 127.3 381.9

158 99.1 48.0 144.2





#79

n-propylbenzene

Concen: 44.63 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

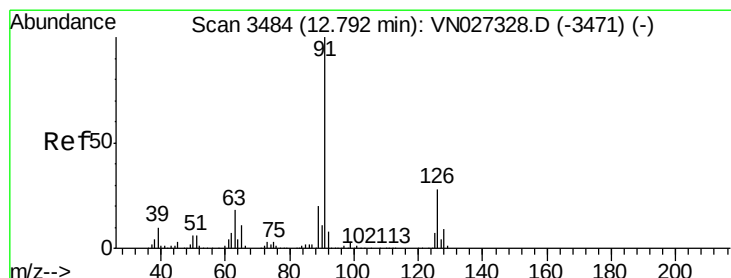
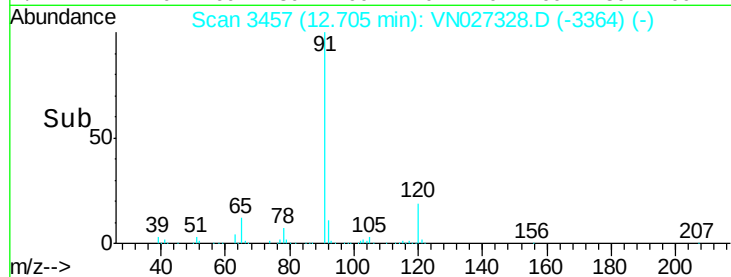
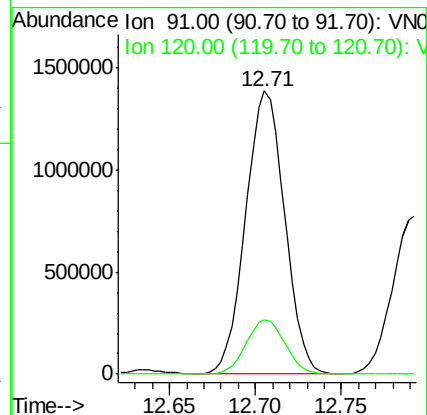
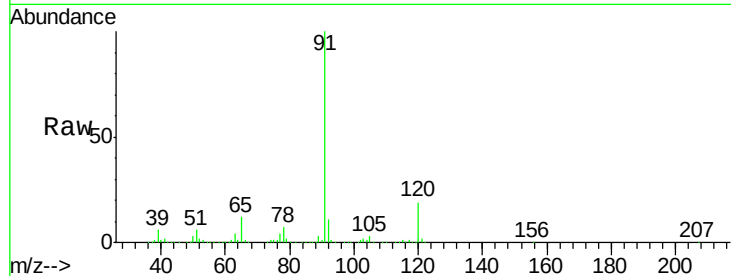
VSTDICCC050

Tgt Ion: 91 Resp: 2186729

Ion Ratio Lower Upper

91 100

120 19.3 10.3 30.8



#80

2-Chlorotoluene

Concen: 43.49 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027328.D

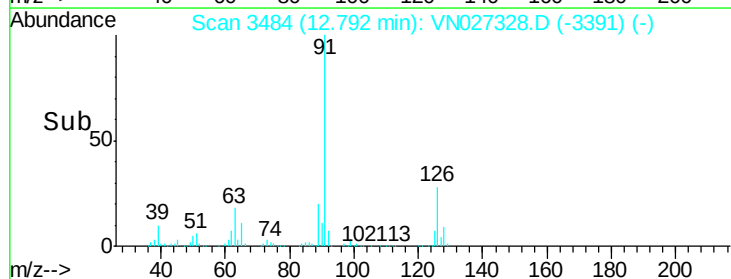
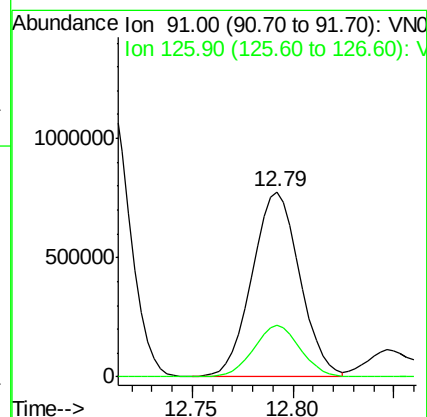
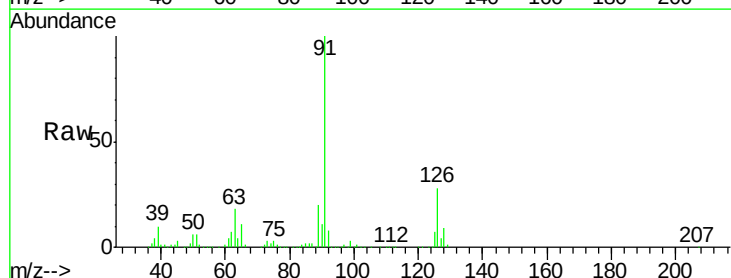
Acq: 21 Sep 2015 11:49

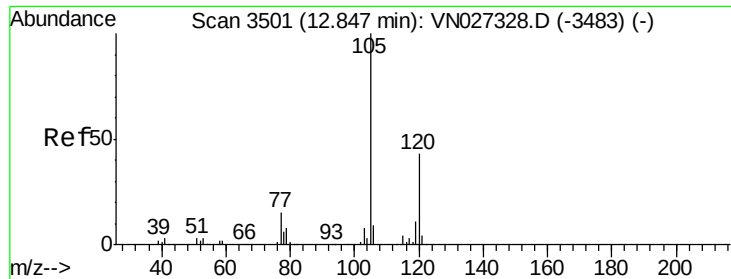
Tgt Ion: 91 Resp: 1279435

Ion Ratio Lower Upper

91 100

126 27.4 15.2 45.5

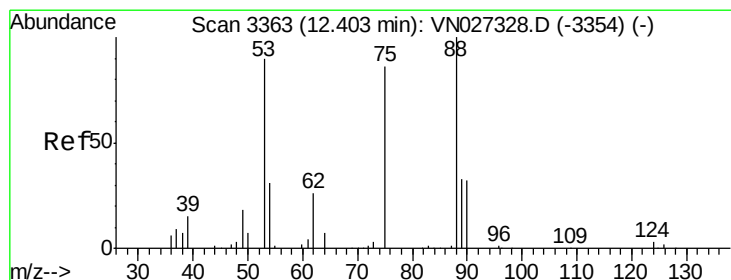
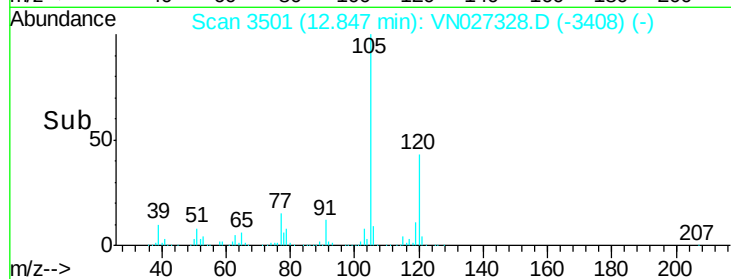
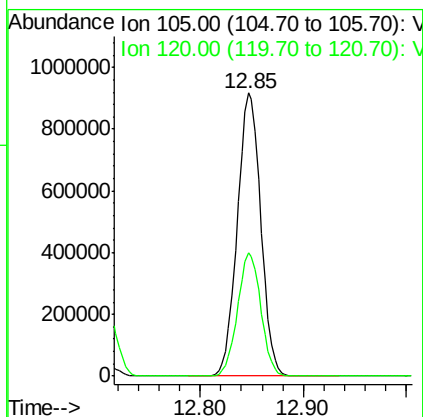
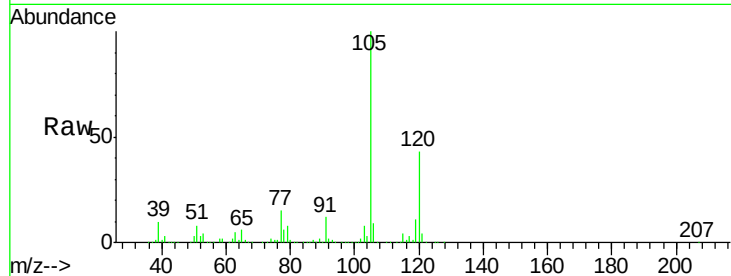




#81
 1,3,5-Trimethylbenzene
 Concen: 43.36 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

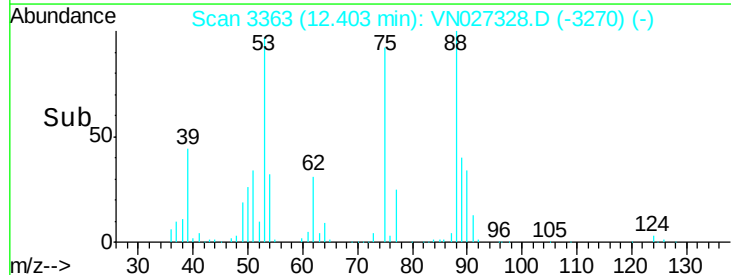
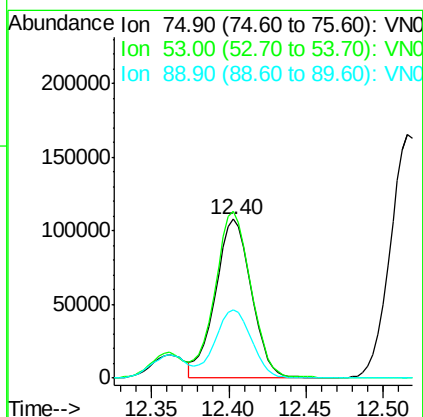
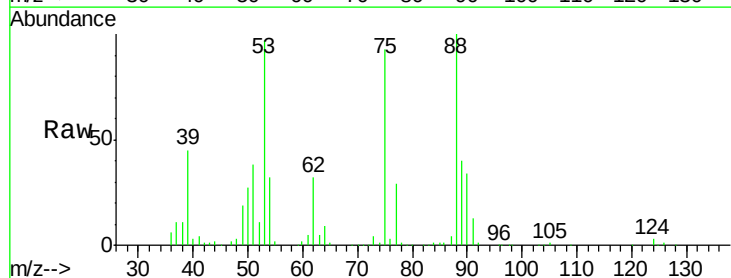
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

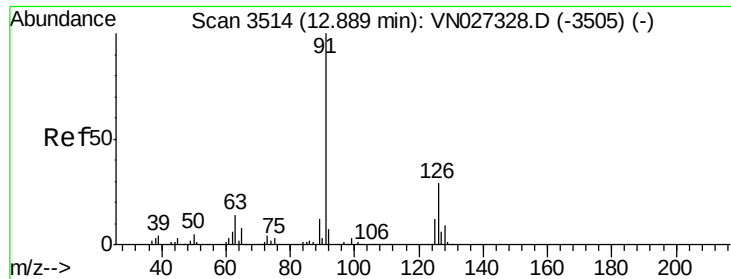
Tgt Ion: 105 Resp: 1450499
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 37.56 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 75 Resp: 174643
 Ion Ratio Lower Upper
 75 100
 53 104.5 92.9 139.3
 89 43.3 34.2 51.4

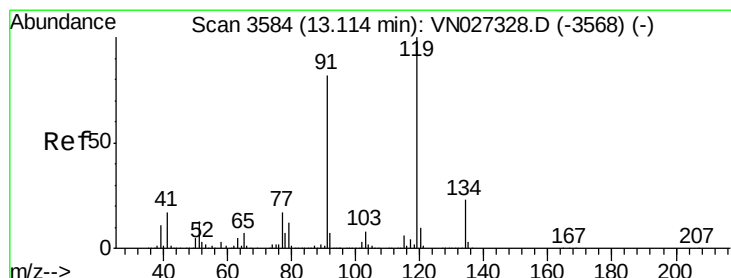
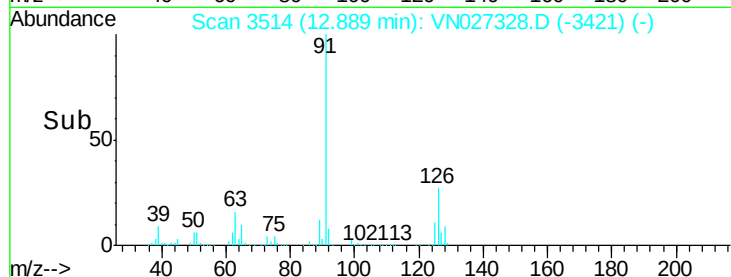
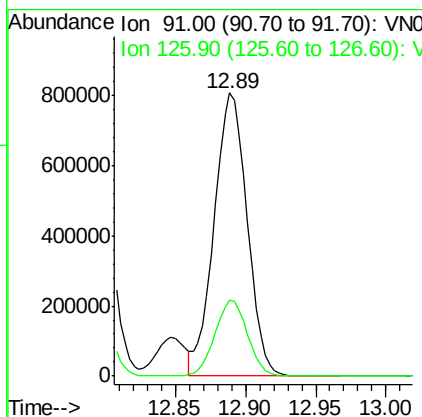
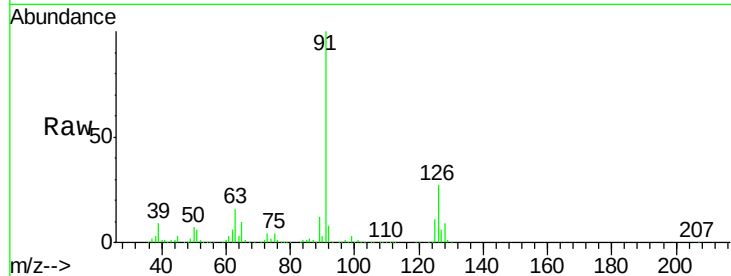




#83
 4-Chlorotoluene
 Concen: 45.22 ug/l
 RT: 12.89 min Scan# 3514
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

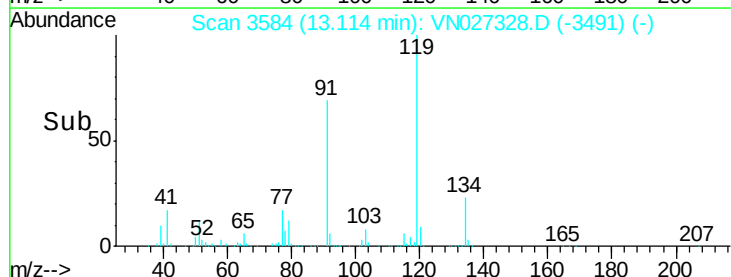
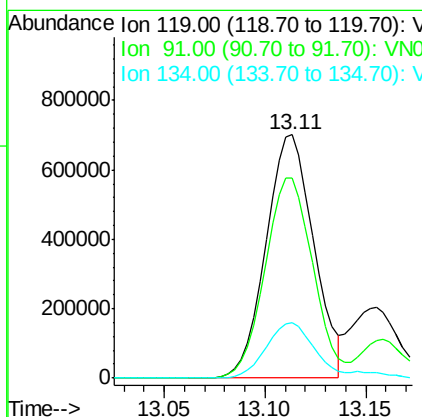
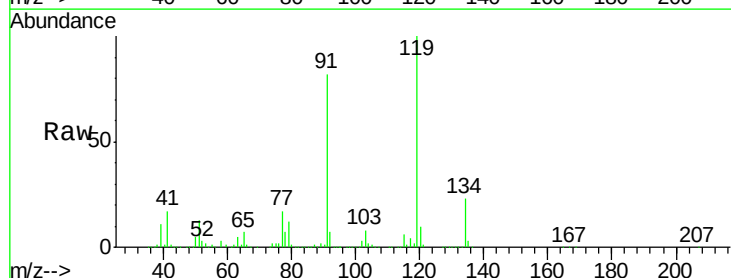
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

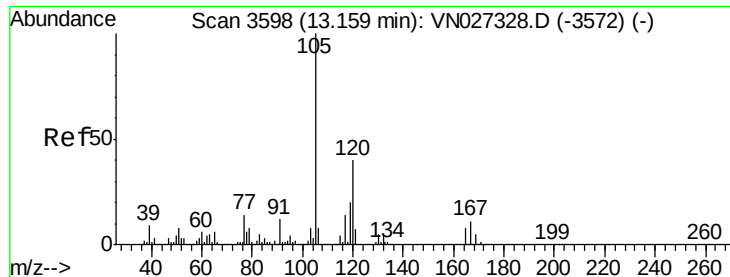
Tgt Ion: 91 Resp: 1307045
 Ion Ratio Lower Upper
 91 100
 126 26.6 14.9 44.5



#84
 tert-Butylbenzene
 Concen: 41.74 ug/l
 RT: 13.11 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 119 Resp: 1152090
 Ion Ratio Lower Upper
 119 100
 91 82.1 34.6 103.8
 134 23.0 11.4 34.2

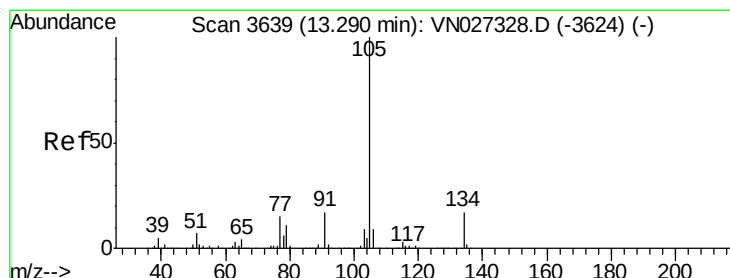
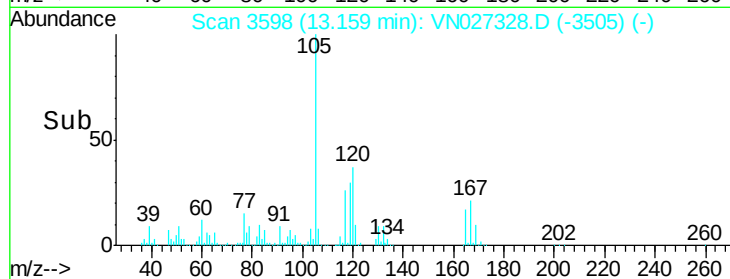
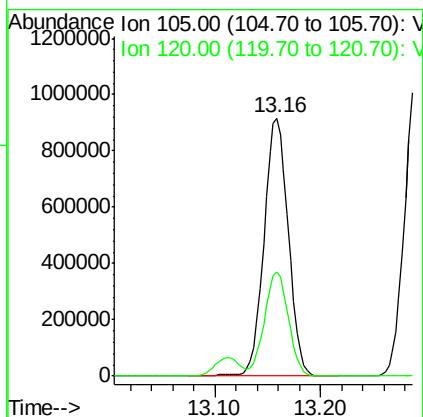
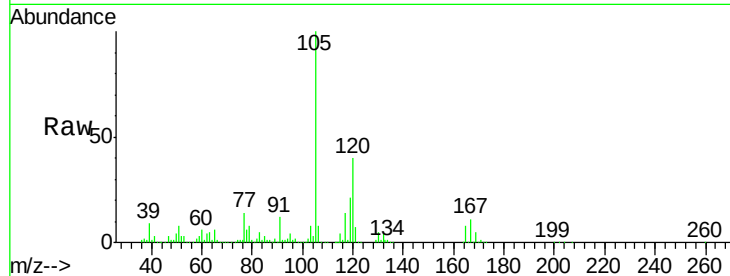




#85
 1,2,4-Trimethylbenzene
 Concen: 43.69 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

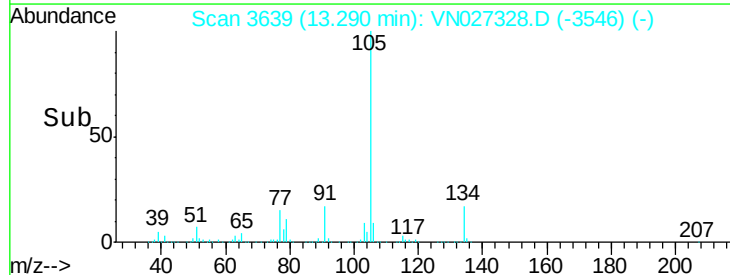
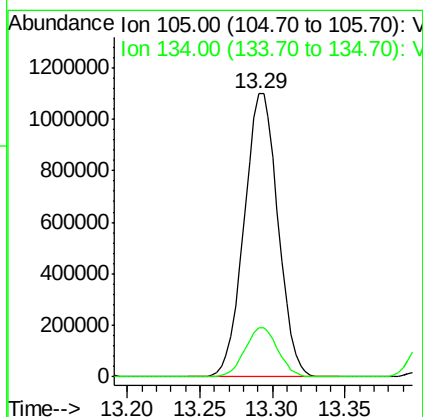
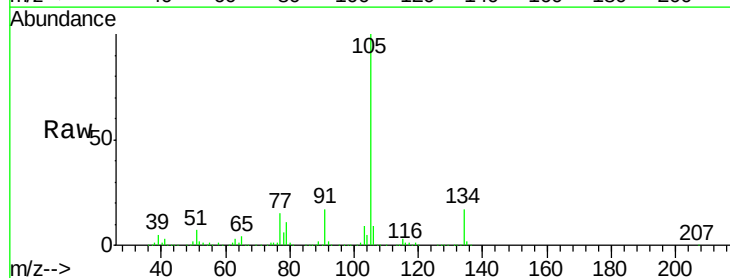
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

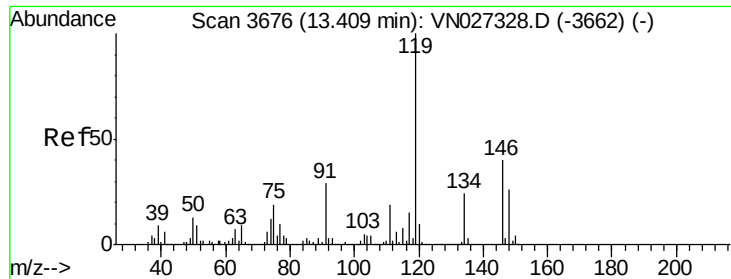
Tgt Ion:105 Resp: 1467911
 Ion Ratio Lower Upper
 105 100
 120 40.0 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 44.17 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion:105 Resp: 1786208
 Ion Ratio Lower Upper
 105 100
 134 17.1 8.8 26.4

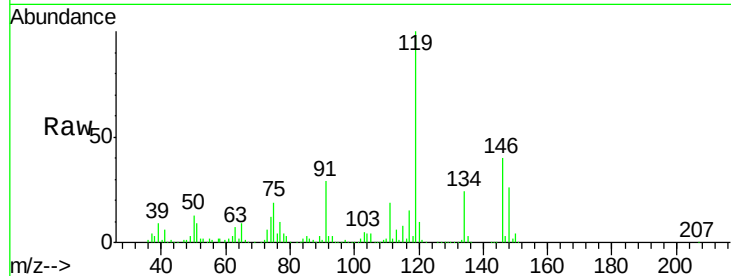




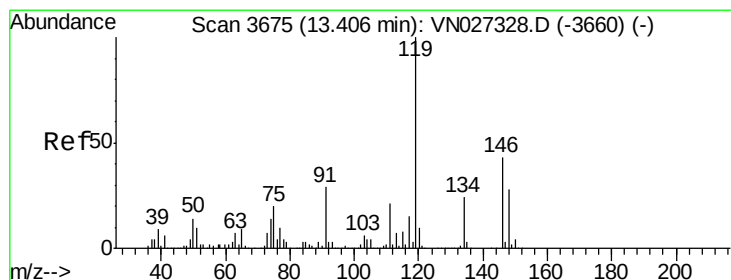
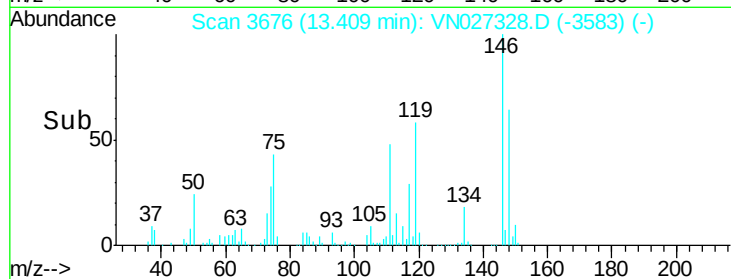
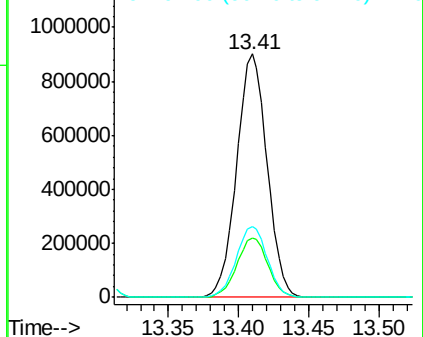
#87
 p-Isopropyltoluene
 Concen: 43.66 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 1359768
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.4 37.0
 91 29.6 12.0 36.1

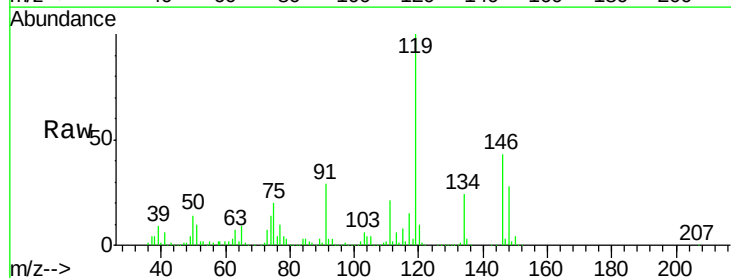


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

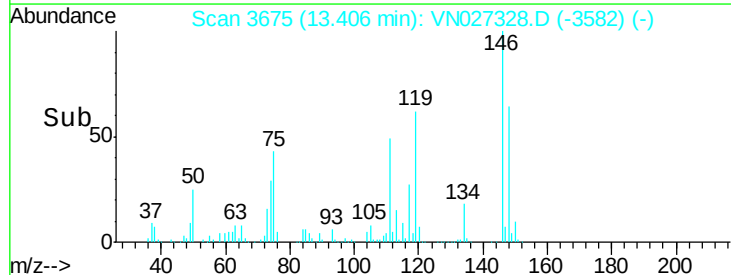
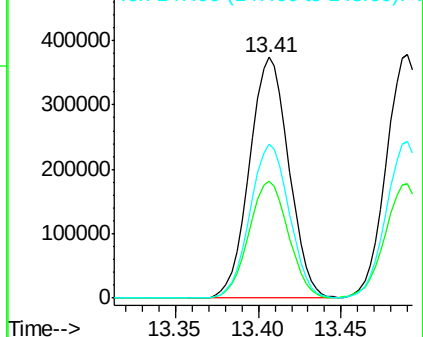


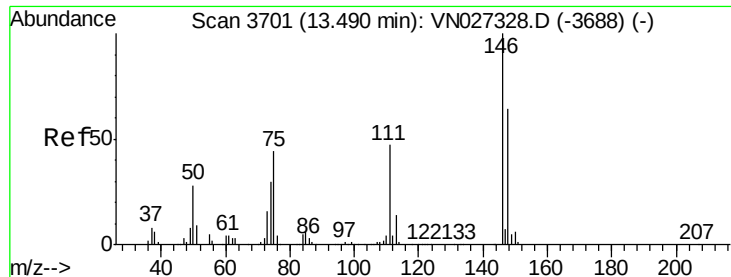
#88
 1,3-Dichlorobenzene
 Concen: 44.11 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion:146 Resp: 616405
 Ion Ratio Lower Upper
 146 100
 111 48.7 21.0 63.0
 148 63.8 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

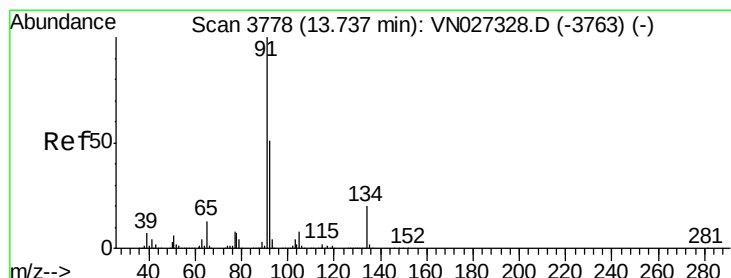
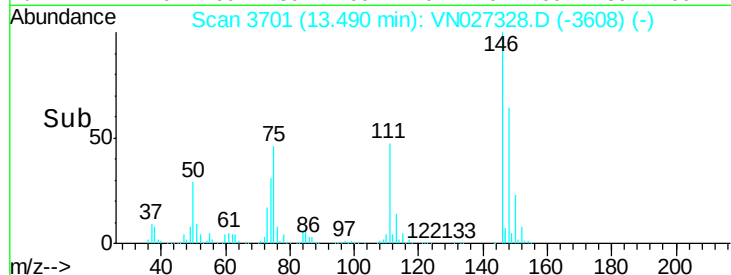
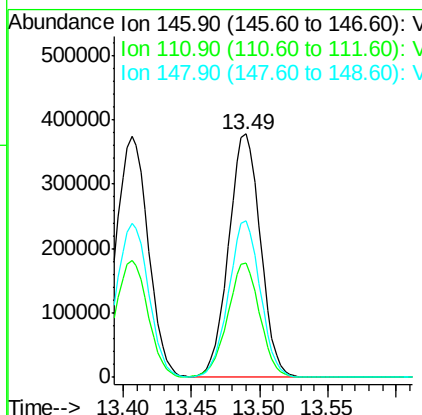
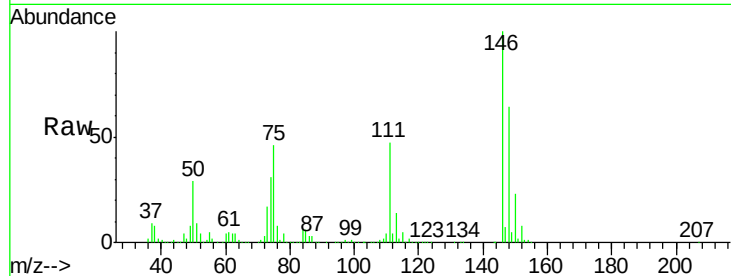




#89
 1,4-Dichlorobenzene
 Concen: 43.36 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

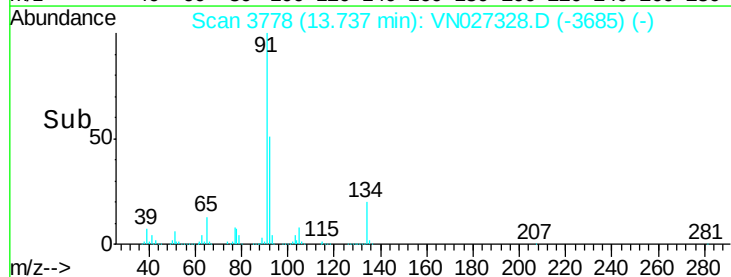
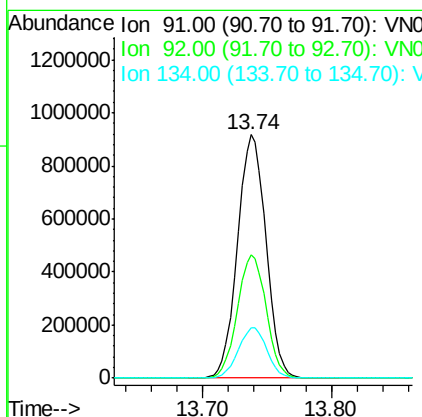
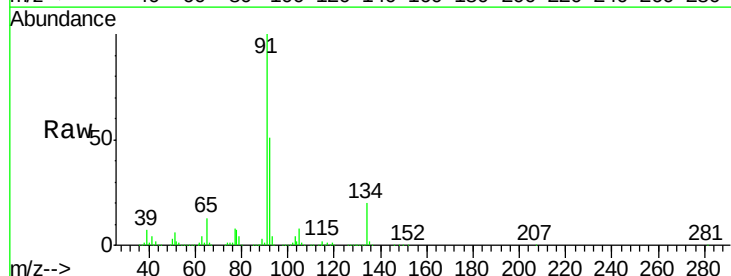
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

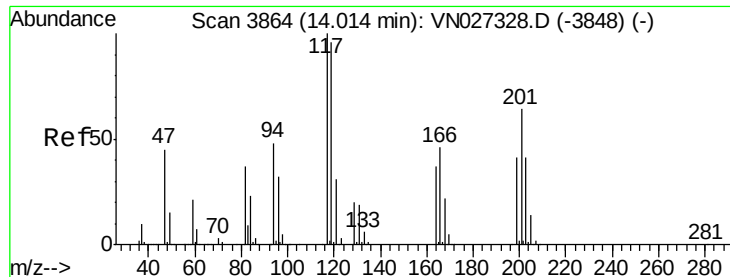
Tgt Ion: 146 Resp: 613585
 Ion Ratio Lower Upper
 146 100
 111 47.1 19.9 59.6
 148 63.7 31.7 95.1



#90
 n-Butylbenzene
 Concen: 46.49 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Tgt Ion: 91 Resp: 1405052
 Ion Ratio Lower Upper
 91 100
 92 51.1 26.1 78.2
 134 20.8 11.1 33.1

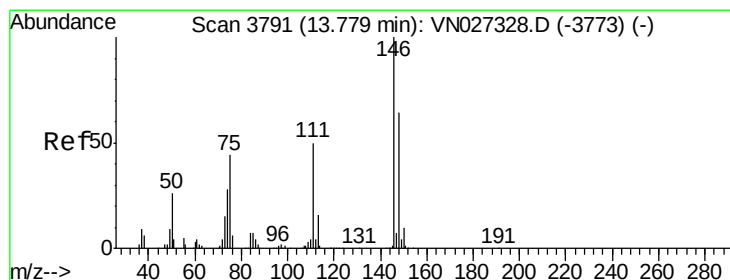
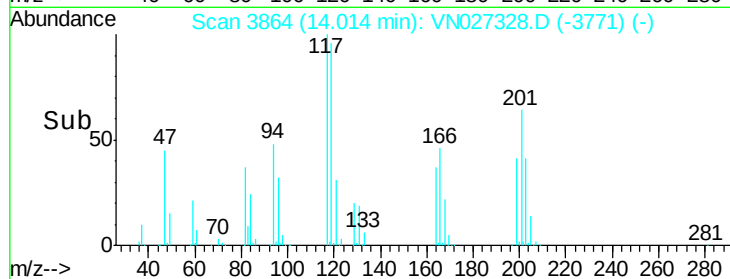
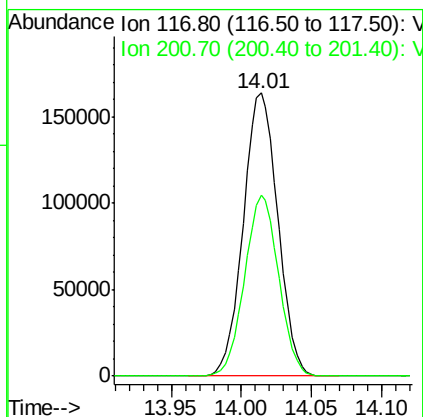
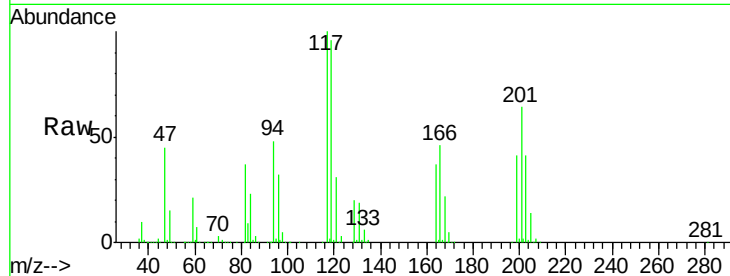




#91
Hexachloroethane
Concen: 41.30 ug/l
RT: 14.01 min Scan# 3864
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

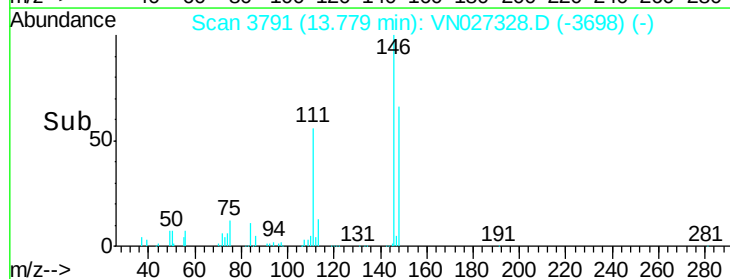
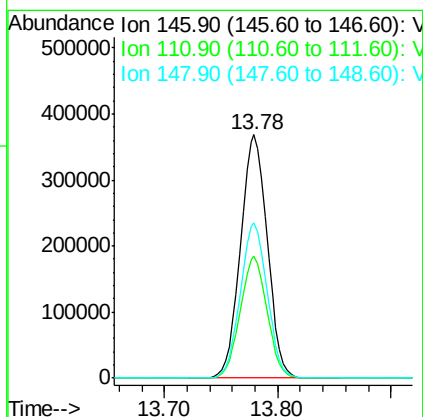
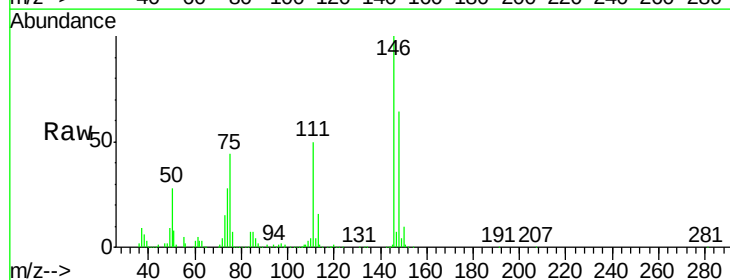
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

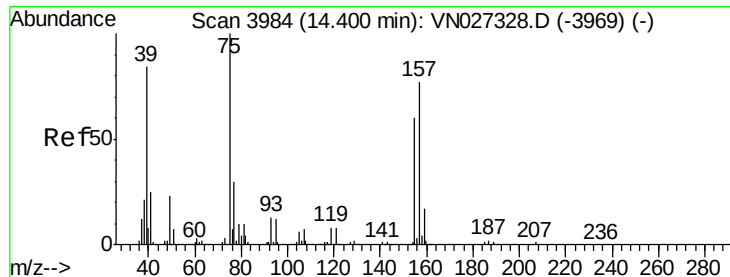
Tgt Ion:117 Resp: 281500
Ion Ratio Lower Upper
117 100
201 62.9 34.9 104.7



#92
1,2-Dichlorobenzene
Concen: 44.04 ug/l
RT: 13.78 min Scan# 3791
Delta R.T. 0.00 min
Lab File: VN027328.D
Acq: 21 Sep 2015 11:49

Tgt Ion:146 Resp: 608156
Ion Ratio Lower Upper
146 100
111 50.1 22.1 66.3
148 63.9 32.0 96.0





#93

1,2-Dibromo-3-Chloropropane

Concen: 38.95 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

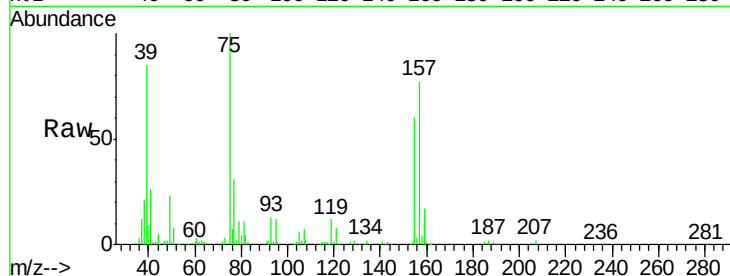
Tgt Ion: 75 Resp: 93366

Ion	Ratio	Lower	Upper
75	100		
155	60.4	35.6	106.9
157	78.5	44.6	133.8

75 100

155 60.4 35.6 106.9

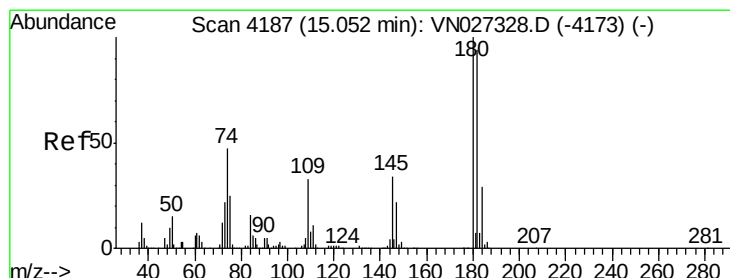
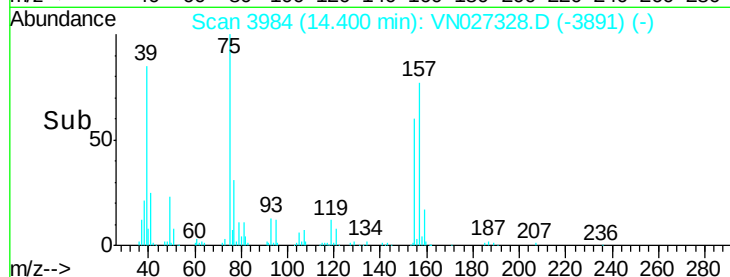
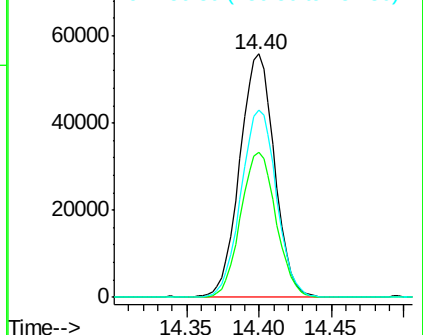
157 78.5 44.6 133.8



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) (-)



#94

1,2,4-Trichlorobenzene

Concen: 46.09 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

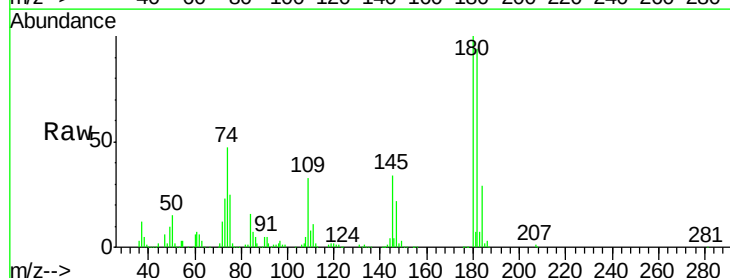
Tgt Ion: 180 Resp: 343815

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	33.2	15.1	45.3

180 100

182 95.5 47.5 142.5

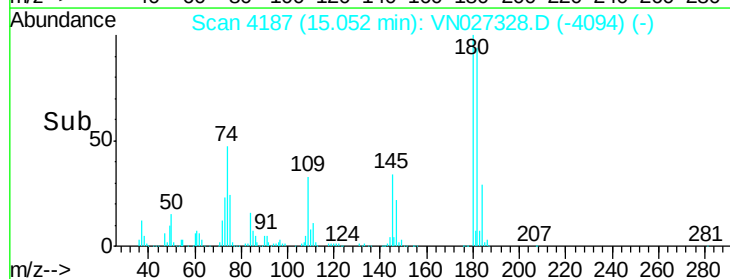
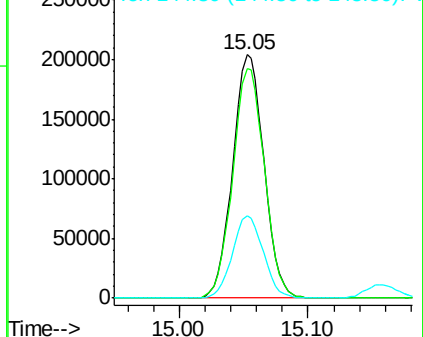
145 33.2 15.1 45.3

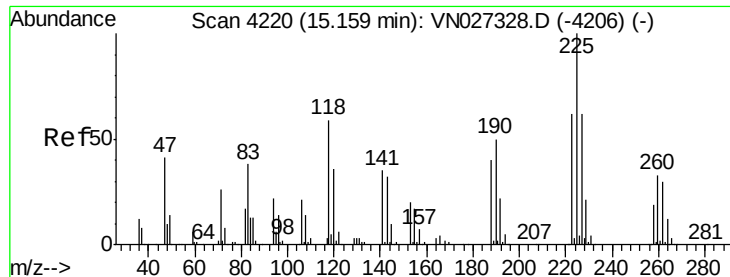


Abundance Ion 179.80 (179.50 to 180.50): VN027328.D (-4173) (-)

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

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





#95

Hexachlorobutadiene

Concen: 45.02 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

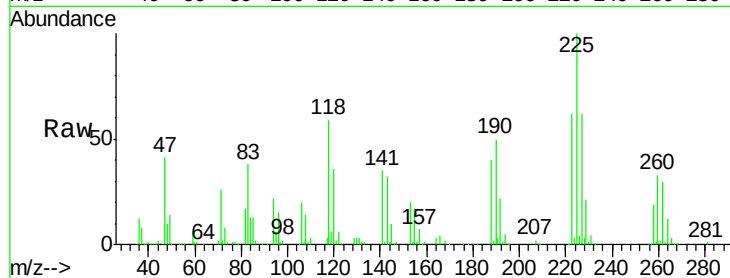
Tgt Ion:225 Resp: 176856

Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

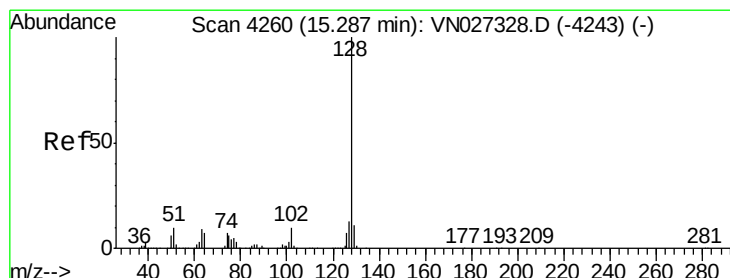
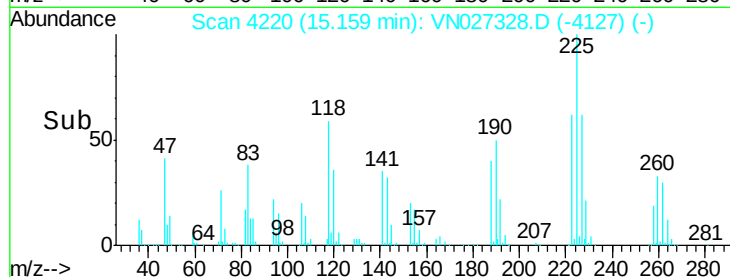
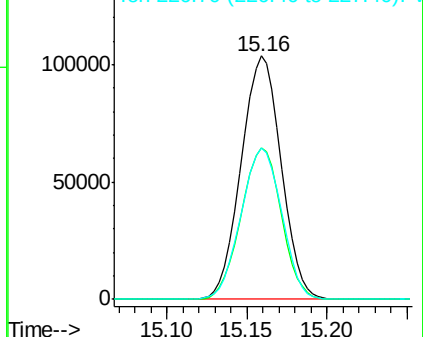
227 63.1 31.7 95.1



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: 40.45 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027328.D

Acq: 21 Sep 2015 11:49

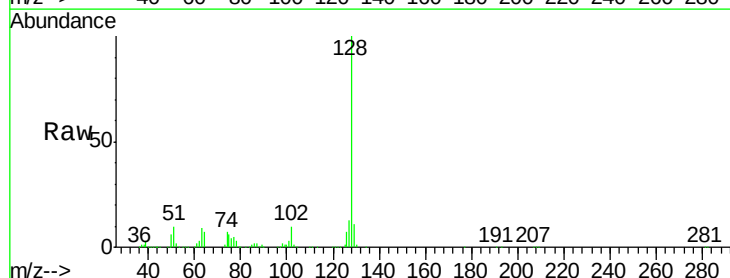
Tgt Ion:128 Resp: 884686

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

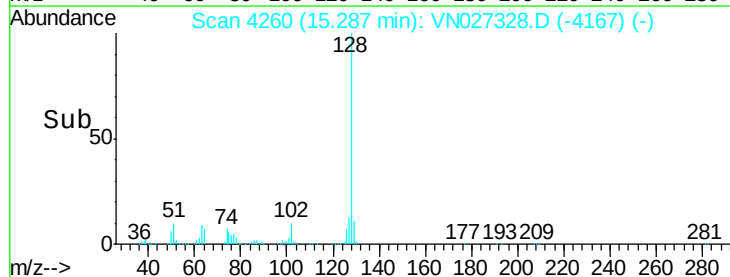
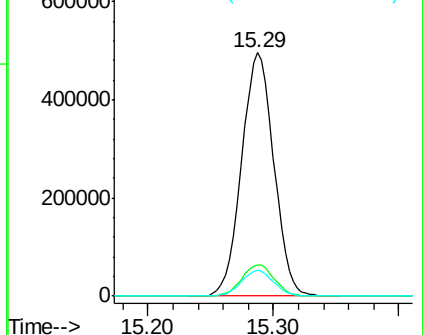
129 10.5 8.6 12.8

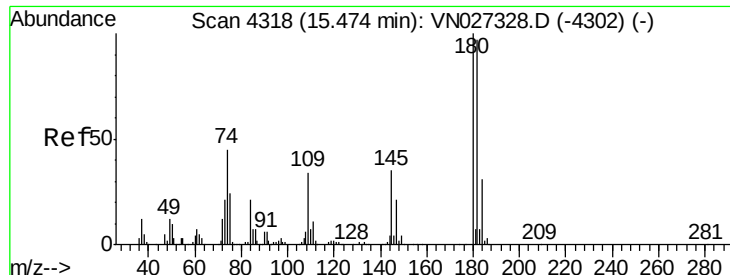


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 44.79 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027328.D
 Acq: 21 Sep 2015 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.8	146.4
145	34.8	16.6	49.8

