

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027197.D
 Acq On : 16 Sep 2015 7:38
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 16 07:58:29 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	547126	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1056967	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	902348	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	344777	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	574191	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
36) Dibromofluoromethane	7.68	113	359919	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
51) Toluene-d8	10.19	98	1415611	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
63) 4-Bromofluorobenzene	12.52	95	501208	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	322504	49.26	ug/l	98
3) Chlorodifluoromethane	1.82	51	395931	52.27	ug/l	93
4) Chloromethane	2.01	50	356618	48.67	ug/l	97
5) Vinyl Chloride	2.14	62	388185	50.21	ug/l	99
6) Bromomethane	2.54	94	193505	50.95	ug/l	100
7) Chloroethane	2.69	64	250043	47.57	ug/l	99
8) Trichlorofluoromethane	3.02	101	573258	49.08	ug/l	98
9) Diethyl Ether	3.42	74	260322	48.44	ug/l	84
10) 1,1,2-Trichlorotrifluoroet	3.79	101	347793	47.41	ug/l	97
11) Methyl Iodide	3.99	142	365925	51.32	ug/l	91
12) Tert butyl alcohol	4.80	59	238928	217.96	ug/l	97
13) 1,1-Dichloroethene	3.77	96	343815	48.94	ug/l	96
14) Acrolein	3.63	56	47352	36.77	ug/l	98
15) Allyl chloride	4.37	41	660422	46.54	ug/l	# 83
16) Acrylonitrile	5.02	53	875661	244.27	ug/l	99
17) Acetone	3.82	43	689850	228.24	ug/l	95
18) Carbon Disulfide	4.11	76	1051571	45.97	ug/l	100
19) Methyl Acetate	4.36	43	1126115	51.44	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	1350897	47.90	ug/l	97
21) Methylene Chloride	4.60	84	411921	48.92	ug/l	98
22) trans-1,2-Dichloroethene	5.13	96	368002	48.43	ug/l	97
23) Diisopropyl ether	6.03	45	1441186	48.41	ug/l	89
24) Vinyl Acetate	5.97	43	2095040	212.62	ug/l	99
25) 1,1-Dichloroethane	5.93	63	822395	47.55	ug/l	99
26) 2-Butanone	6.91	43	1053239	231.41	ug/l	97
27) 2,2-Dichloropropane	6.92	77	514022	34.26	ug/l	97
28) cis-1,2-Dichloroethene	6.92	96	431117	49.47	ug/l	99
29) Bromochloromethane	7.29	49	334910	49.89	ug/l	96
30) Tetrahydrofuran	7.31	42	678889	216.43	ug/l	90
31) Chloroform	7.46	83	776088	49.67	ug/l	100
32) Cyclohexane	7.77	56	774797	50.33	ug/l	94
33) 1,1,1-Trichloroethane	7.67	97	682274	48.97	ug/l	96
37) 1,1-Dichloropropene	7.89	75	595670	48.14	ug/l	97
38) Ethyl Acetate	7.02	43	478683	45.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	557085	47.89	ug/l	99
40) Methylcyclohexane	9.19	83	701111	46.53	ug/l	98
41) Benzene	8.14	78	1701995	47.15	ug/l	100
42) Methacrylonitrile	7.24	41	285691	47.77	ug/l #	93
43) 1,2-Dichloroethane	8.22	62	700042	48.14	ug/l	95
44) Isopropyl Acetate	8.25	43	895265	45.28	ug/l	97
45) Trichloroethene	8.93	130	347088	47.87	ug/l	90
46) 1,2-Dichloropropane	9.22	63	487662	46.95	ug/l	98
47) Dibromomethane	9.31	93	285299	46.78	ug/l	93
48) Bromodichloromethane	9.49	83	619655	48.22	ug/l	100
49) Methyl methacrylate	9.29	41	452446	45.93	ug/l #	89
50) 1,4-Dioxane	9.30	88	100197	867.26	ug/l	96
52) 4-Methyl-2-Pentanone	10.07	43	2308767	220.85	ug/l	99
53) Toluene	10.26	92	995679	47.09	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	634888	43.99	ug/l	100
55) cis-1,3-Dichloropropene	9.93	75	705348	44.93	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	376219	47.34	ug/l	99
57) Ethyl methacrylate	10.52	69	614643	45.89	ug/l #	91
58) 1,3-Dichloropropane	10.81	76	698500	47.35	ug/l	100
59) 2-Chloroethyl Vinyl ether	9.78	63	1479563	240.61	ug/l	97
60) 2-Hexanone	10.84	43	1533480	215.46	ug/l	99
61) Dibromochloromethane	11.00	129	383360	47.24	ug/l	100
62) 1,2-Dibromoethane	11.11	107	365492	46.80	ug/l	100
65) Tetrachloroethene	10.74	164	284447	49.29	ug/l	96
66) Chlorobenzene	11.54	112	995174	46.72	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	348600	47.97	ug/l	97
68) Ethyl Benzene	11.62	91	1888506	46.75	ug/l	99
69) m/p-Xylenes	11.73	106	1308819	93.91	ug/l	91
70) o-Xylene	12.06	106	652584	46.71	ug/l	91
71) Styrene	12.07	104	1076839	47.74	ug/l	94
72) Bromoform	12.24	173	233852	46.28	ug/l #	100
74) Isopropylbenzene	12.36	105	1758917	46.30	ug/l	99
75) N-amyl acetate	12.17	43	757388	44.67	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	493064	50.29	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	680196	65.28	ug/l	55
78) Bromobenzene	12.64	156	344999	46.31	ug/l	93
79) n-propylbenzene	12.71	91	2083909	46.62	ug/l	98
80) 2-Chlorotoluene	12.79	91	1263889	47.09	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1415871	46.39	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	162724	38.36	ug/l	92
83) 4-Chlorotoluene	12.89	91	1245535	47.23	ug/l	96
84) tert-Butylbenzene	13.11	119	1165017	46.26	ug/l	91
85) 1,2,4-Trimethylbenzene	13.16	105	1413463	46.11	ug/l	96
86) sec-Butylbenzene	13.29	105	1711737	46.40	ug/l	99
87) p-Isopropyltoluene	13.41	119	1306893	45.99	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	602384	47.25	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	598229	46.33	ug/l	95
90) n-Butylbenzene	13.74	91	1293334	46.90	ug/l	98
91) Hexachloroethane	14.01	117	285079	45.84	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	594261	47.17	ug/l	96

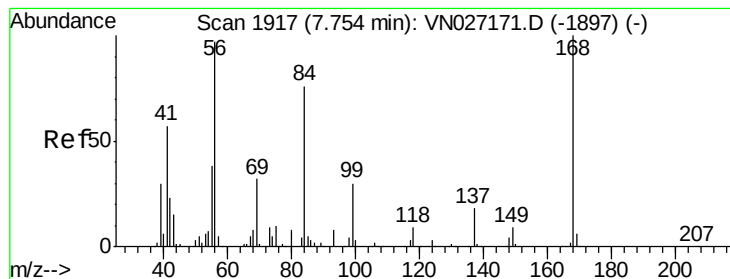
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	101230	46.56	ug/l	86
94) 1,2,4-Trichlorobenzene	15.05	180	328223	48.22	ug/l	98
95) Hexachlorobutadiene	15.16	225	159187	44.41	ug/l	98
96) Naphthalene	15.29	128	955815	47.90	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	329077	48.64	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

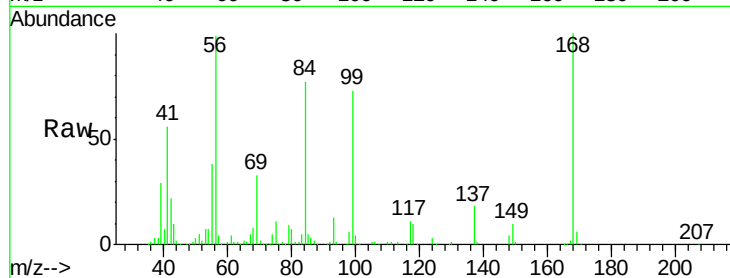
VSTDCCC050EC

Tot Ion:168 Resp: 547126

Ion Ratio Lower Upper

168 100

99 72.1 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

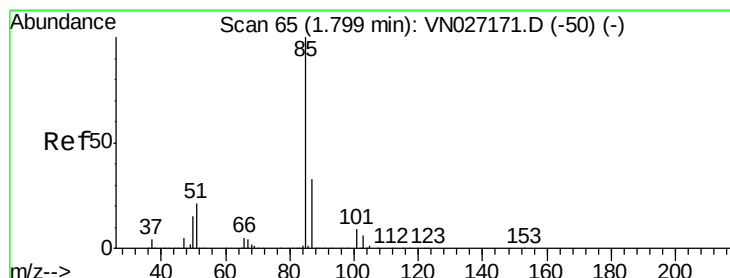
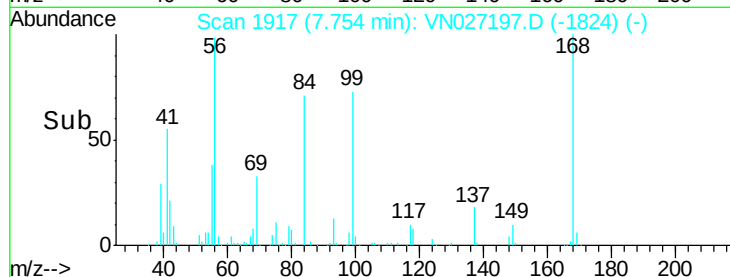
100000

50000

0

7.65 7.70 7.75 7.80 7.85

Time-->



#2

Dichlorodifluoromethane

Concen: 49.26 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027197.D

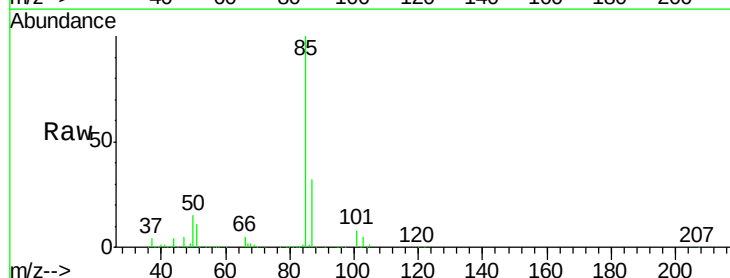
Acq: 16 Sep 2015 7:38

Tgt Ion: 85 Resp: 322504

Ion Ratio Lower Upper

85 100

87 31.6 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

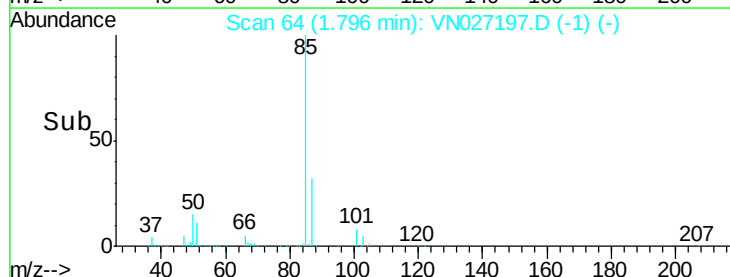
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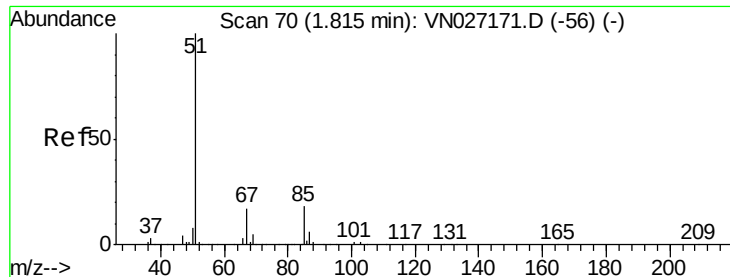
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chlorodifluoromethane

Concen: 52.27 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

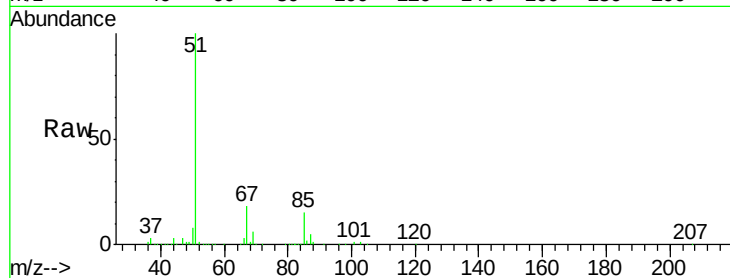
VSTDCCC050EC

Tot Ion: 51 Resp: 395931

Ion Ratio Lower Upper

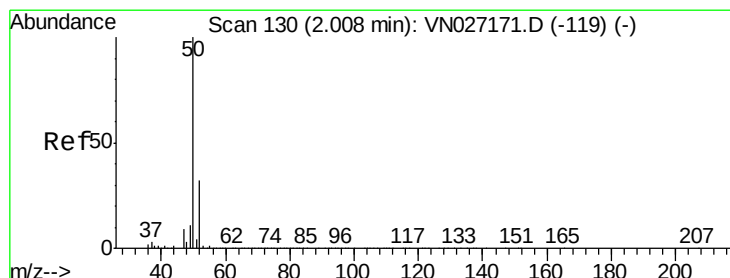
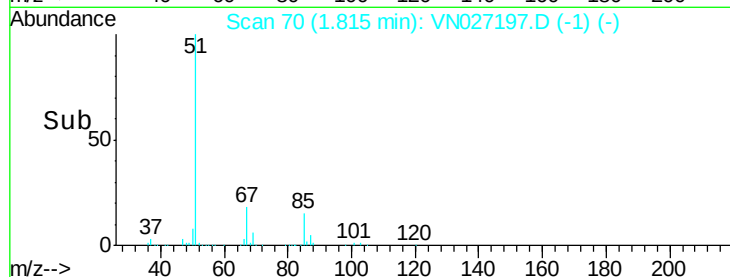
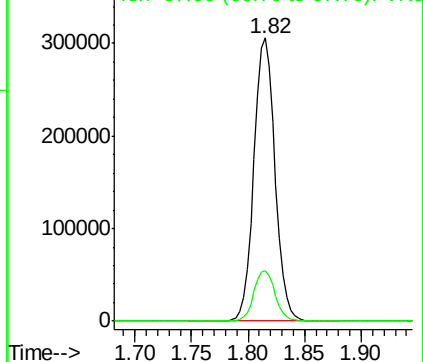
51 100

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: 48.67 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027197.D

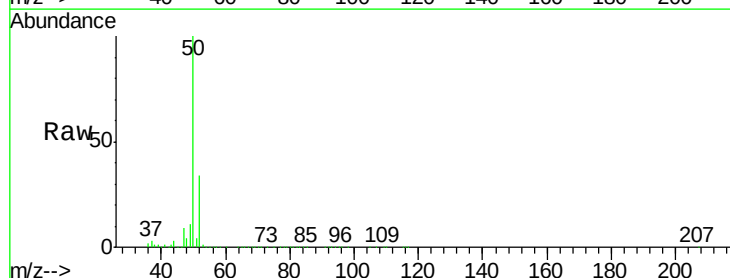
Acq: 16 Sep 2015 7:38

Tgt Ion: 50 Resp: 356618

Ion Ratio Lower Upper

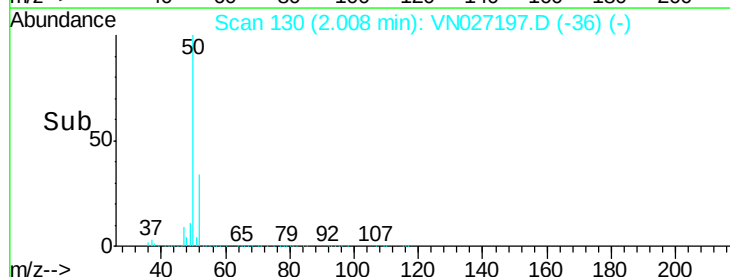
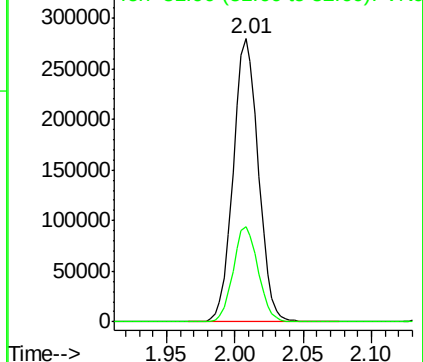
50 100

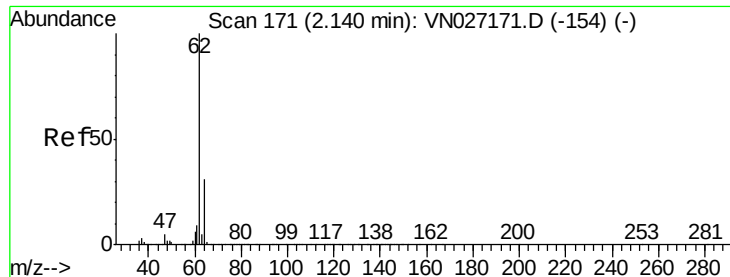
52 33.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 50.21 ug/l

RT: 2.14 min Scan# 172

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

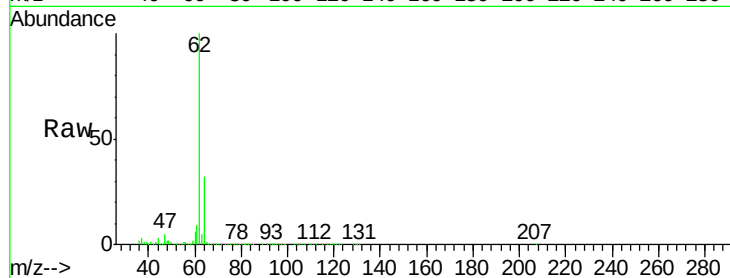
VSTDCCC050EC

Tot Ion: 62 Resp: 388185

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.14

250000

200000

150000

100000

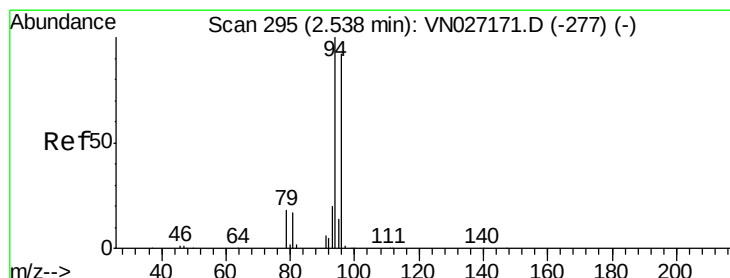
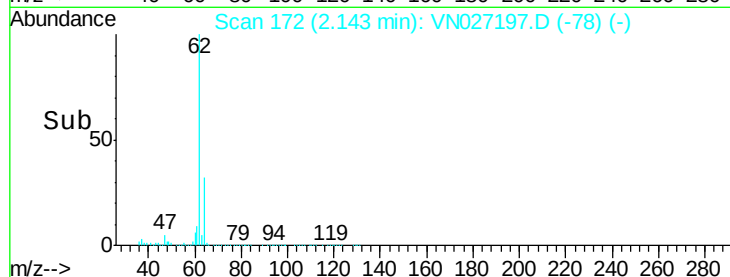
50000

0

Time-->

2.10

2.20



#6

Bromomethane

Concen: 50.95 ug/l

RT: 2.54 min Scan# 296

Delta R.T. 0.00 min

Lab File: VN027197.D

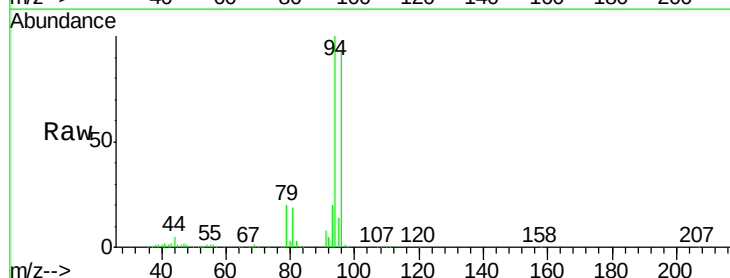
Acq: 16 Sep 2015 7:38

Tgt Ion: 94 Resp: 193505

Ion Ratio Lower Upper

94 100

96 92.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

100000

80000

60000

40000

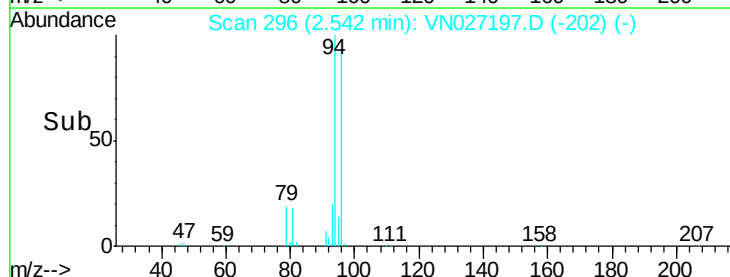
20000

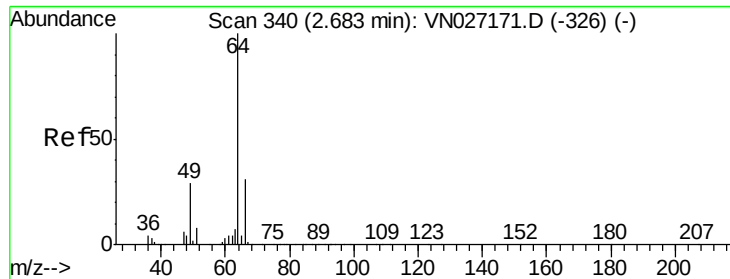
0

Time-->

2.50

2.60





#7

Chloroethane

Concen: 47.57 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

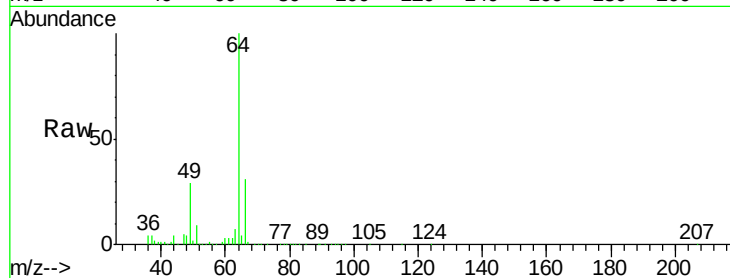
VSTDCCC050EC

Tot Ion: 64 Resp: 250043

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN027197.D (-341) (-)

Ion 65.90 (65.60 to 66.60): VN027197.D (-341) (-)

2.69

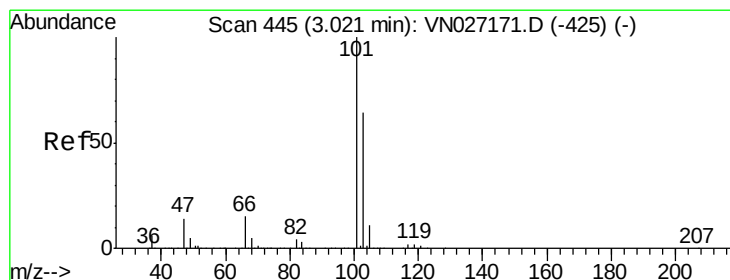
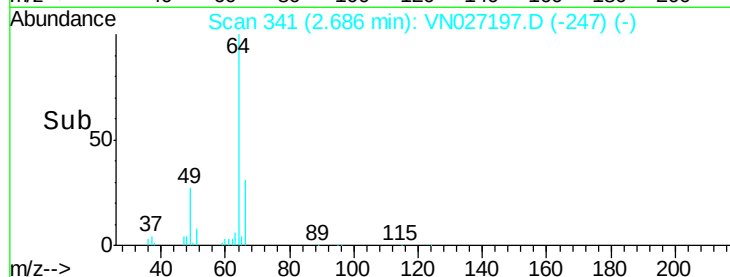
150000

100000

50000

0

Time-->



#8

Trichlorofluoromethane

Concen: 49.08 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027197.D

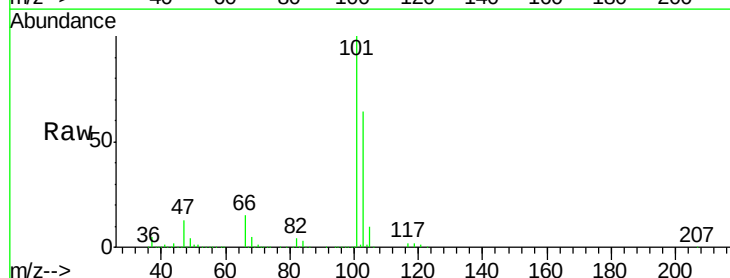
Acq: 16 Sep 2015 7:38

Tgt Ion: 101 Resp: 573258

Ion Ratio Lower Upper

101 100

103 64.1 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): VN027197.D (-446) (-)

Ion 102.80 (102.50 to 103.50): VN027197.D (-446) (-)

3.02

300000

250000

200000

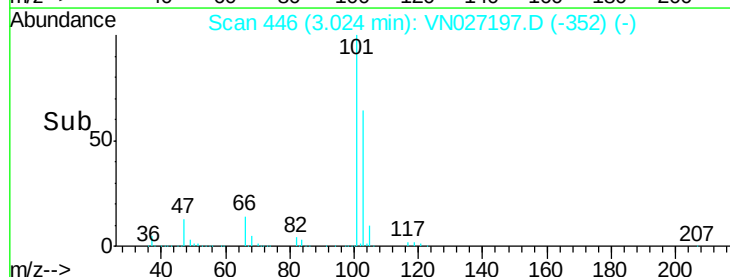
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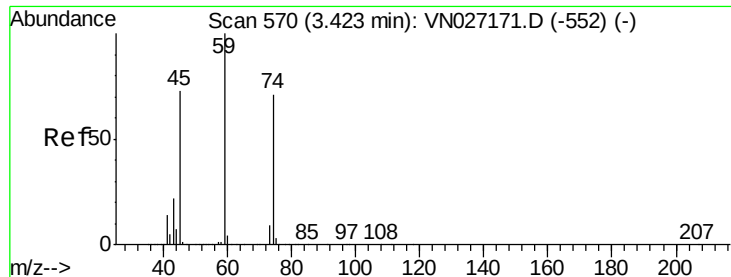
100000

50000

0

Time-->





#9

Diethyl Ether

Concen: 48.44 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

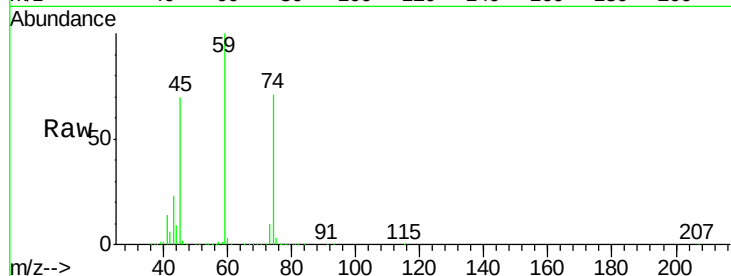
VSTDCCC050EC

Tot Ion: 74 Resp: 260322

Ion Ratio Lower Upper

74 100

45 98.5 58.1 174.3



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.42

120000

100000

80000

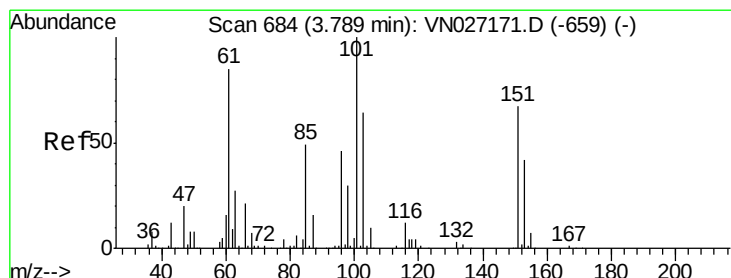
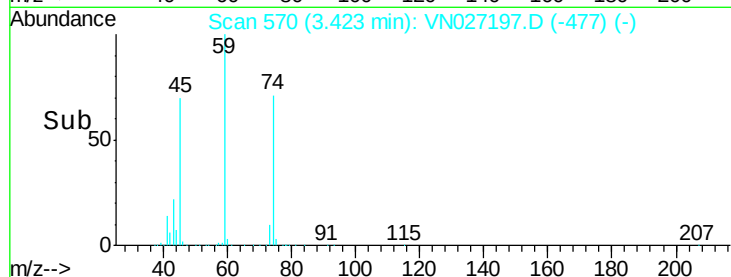
60000

40000

20000

0

Time--> 3.30 3.40 3.50 3.60



#10

1,1,2-Trichlorotrifluoroethane

Concen: 47.41 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

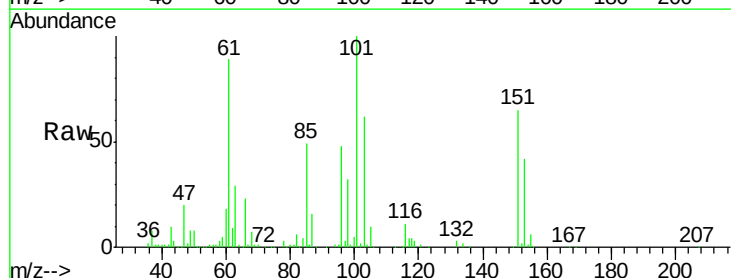
Tgt Ion: 101 Resp: 347793

Ion Ratio Lower Upper

101 100

85 49.2 37.4 56.0

151 67.5 55.9 83.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

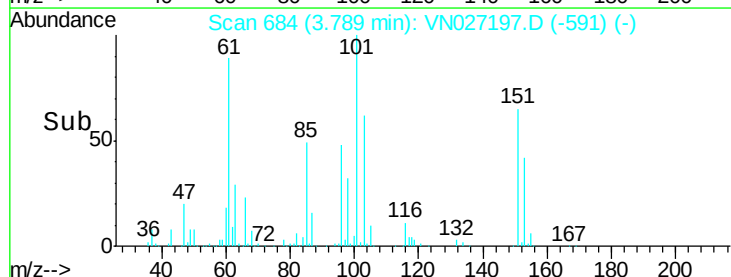
150000

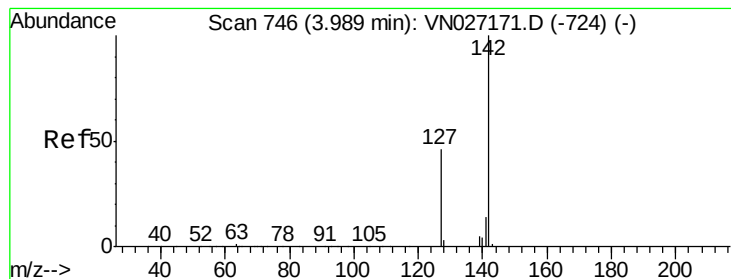
100000

50000

0

Time--> 3.70 3.80 3.90





#11

Methvl Iodide

Concen: 51.32 ug/l

RT: 3.99 min Scan# 747

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

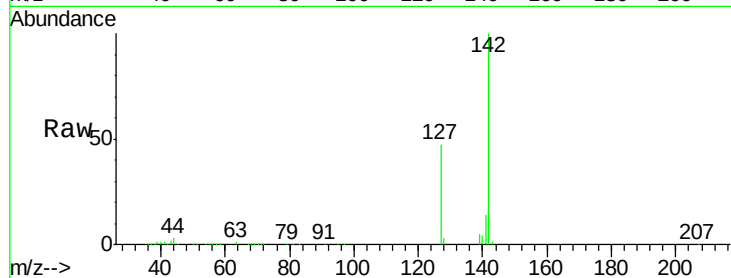
Tot Ion:142 Resp: 365925

Ion Ratio Lower Upper

142 100

127 47.1 32.3 48.5

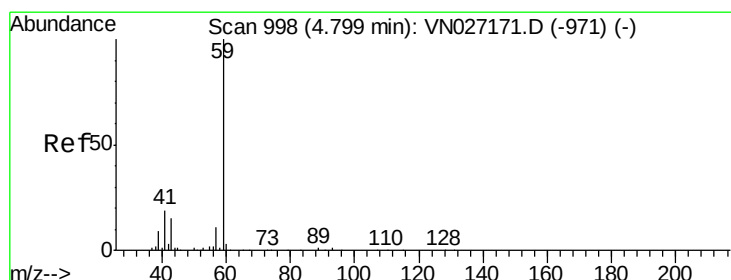
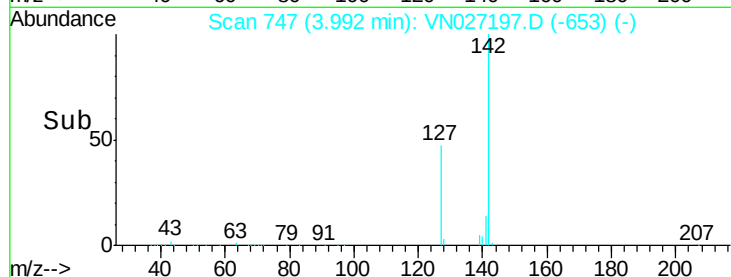
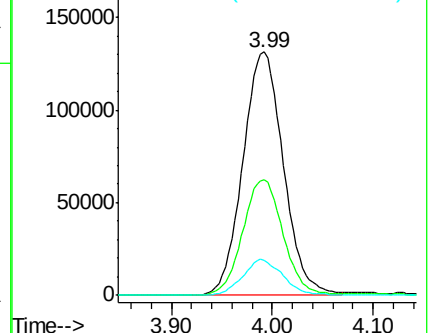
141 14.7 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#12

Tert butyl alcohol

Concen: 217.96 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN027197.D

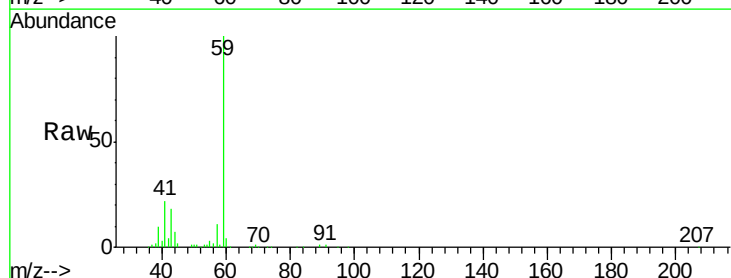
Acq: 16 Sep 2015 7:38

Tgt Ion: 59 Resp: 238928

Ion Ratio Lower Upper

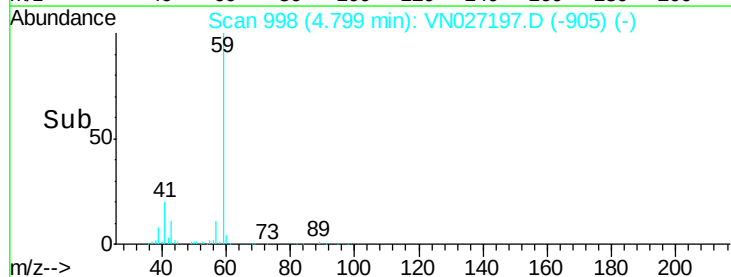
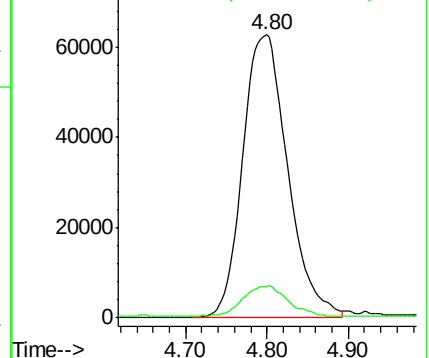
59 100

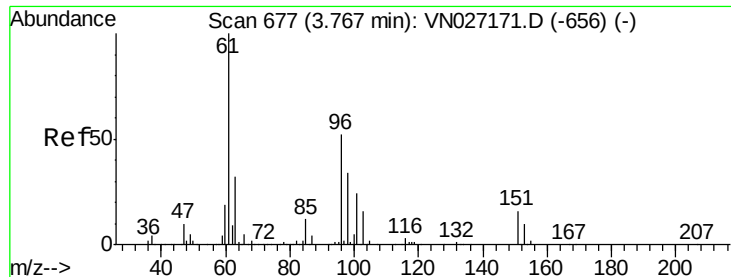
57 10.7 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V

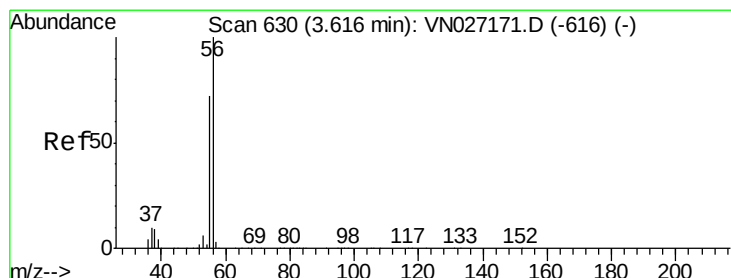
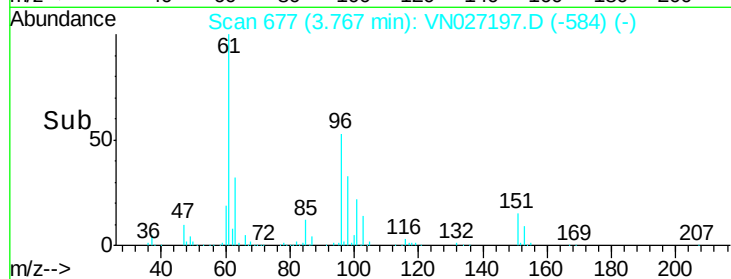
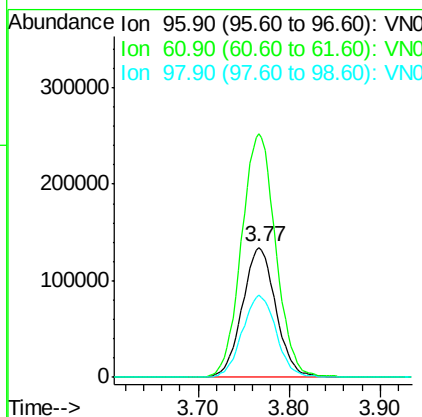
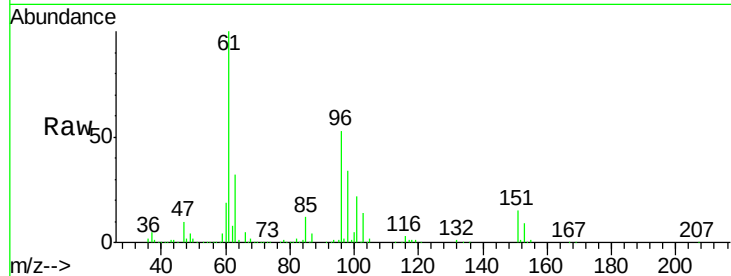




#13
 1,1-Dichloroethene
 Concen: 48.94 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

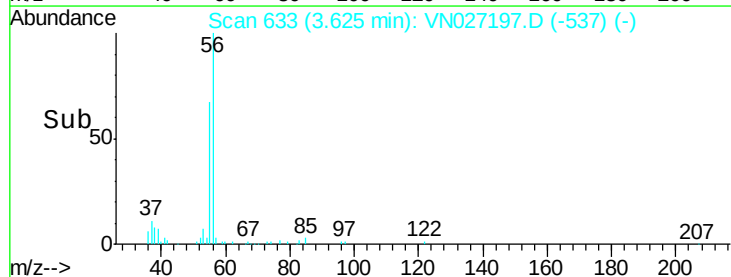
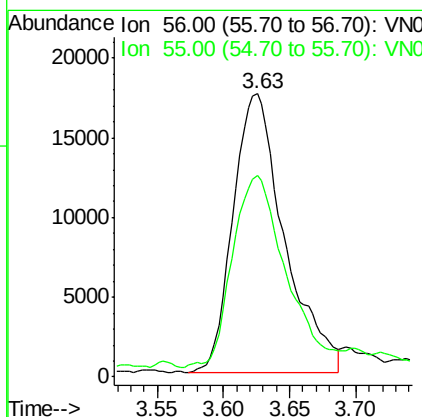
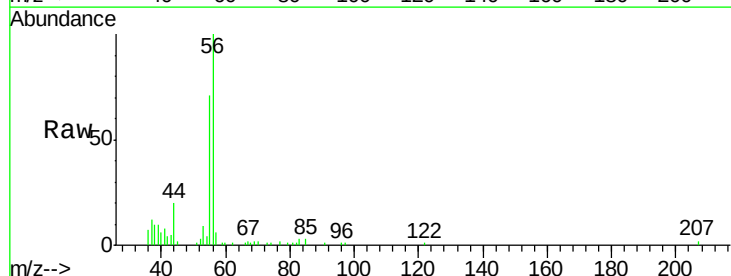
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

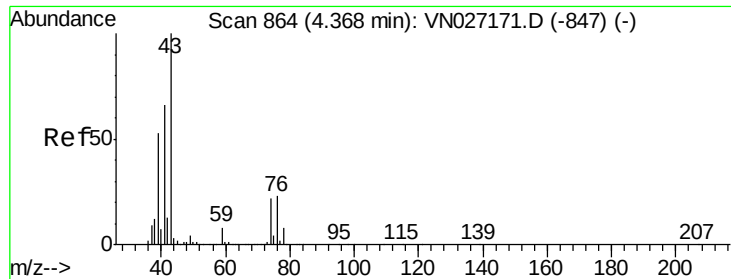
Tot Ion	96	Resp	343815
Ion	Ratio	Lower	Upper
96	100		
61	187.6	143.8	215.8
98	63.0	50.3	75.5



#14
 Acrolein
 Concen: 36.77 ug/l
 RT: 3.63 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion	56	Resp	47352
Ion	Ratio	Lower	Upper
56	100		
55	71.4	55.7	83.5

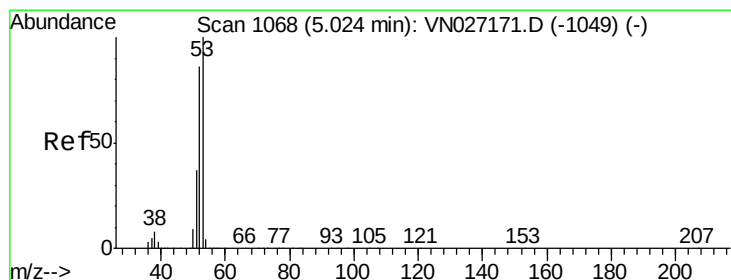
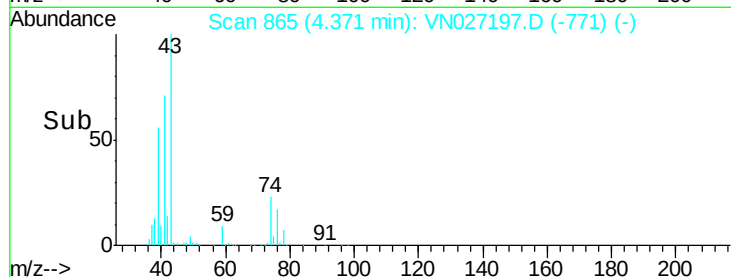
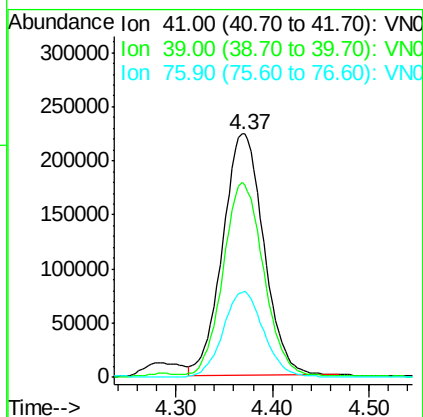
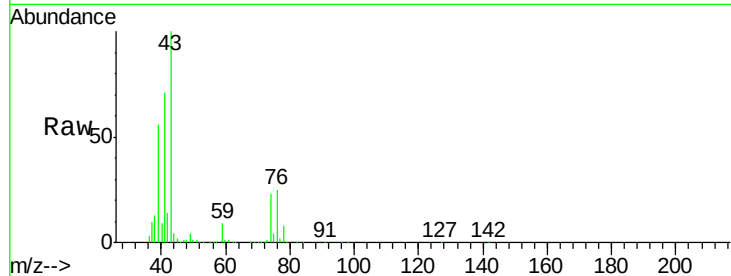




#15
 Allvl chloride
 Concen: 46.54 ug/l
 RT: 4.37 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

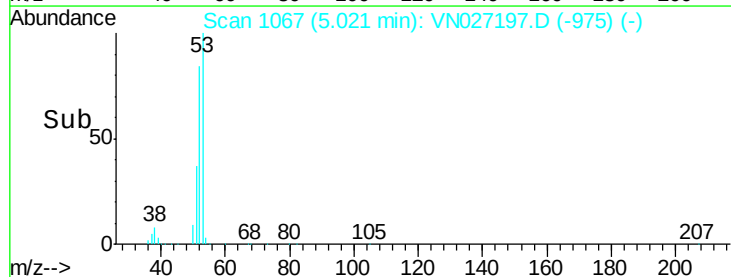
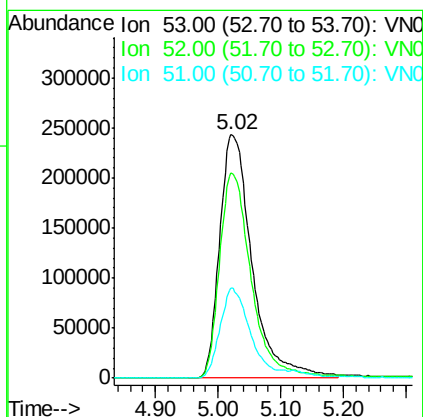
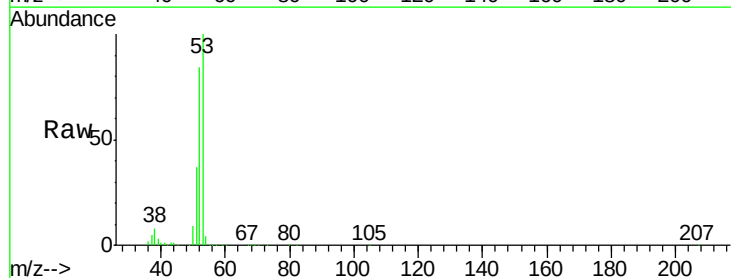
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

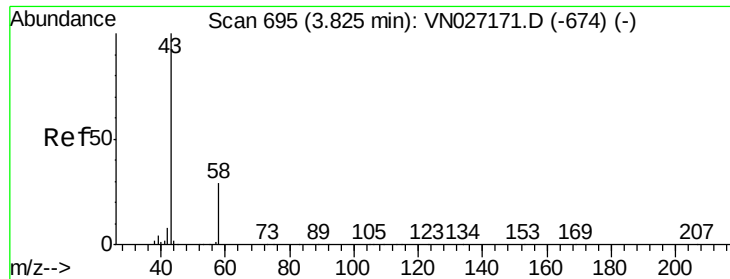
Tot Ion	Ratio	Lower	Upper
41	100		
39	78.6	49.7	74.5#
76	34.8	24.8	37.2



#16
 Acrylonitrile
 Concen: 244.27 ug/l
 RT: 5.02 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.9	100.3
51	34.9	27.4	41.0





#17

Acetone

Concen: 228.24 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

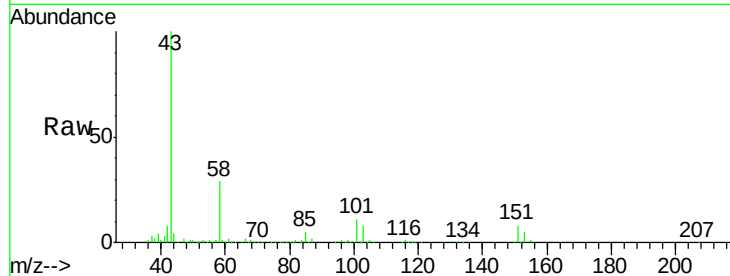
VSTDCCC050EC

Tot Ion: 43 Resp: 689850

Ion Ratio Lower Upper

43 100

58 29.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

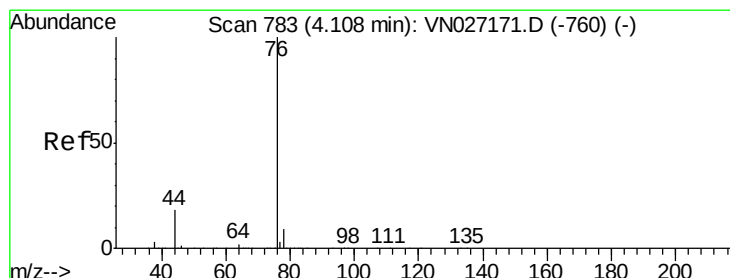
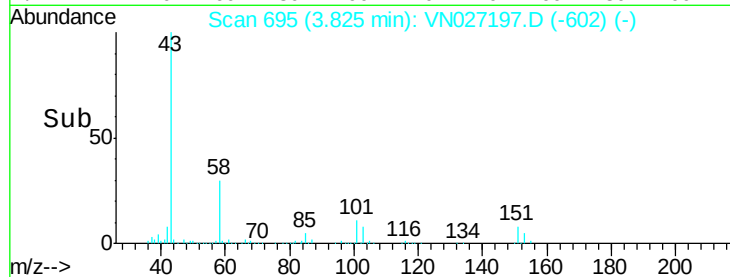
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#18

Carbon Disulfide

Concen: 45.97 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027197.D

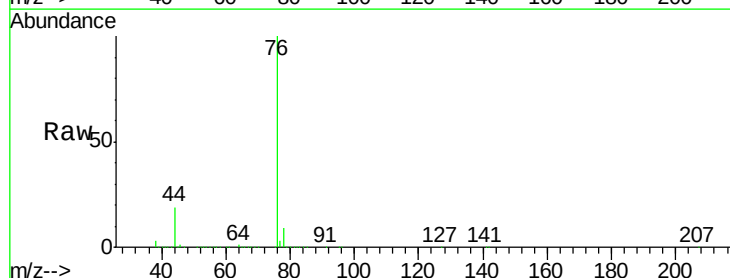
Acq: 16 Sep 2015 7:38

Tgt Ion: 76 Resp: 1051571

Ion Ratio Lower Upper

76 100

78 9.0 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

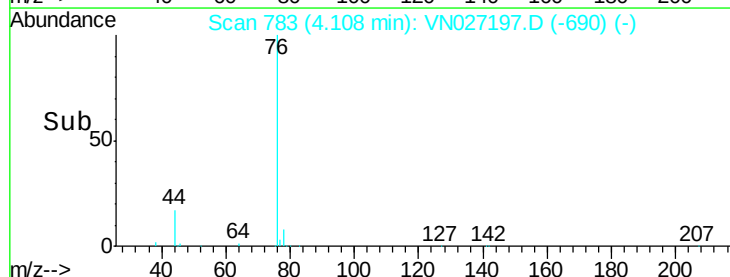
200000

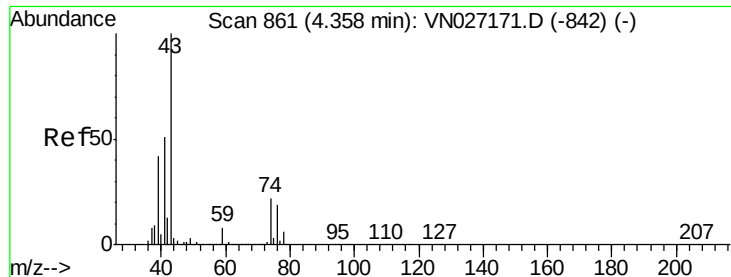
100000

0

4.00 4.10 4.20

Time-->

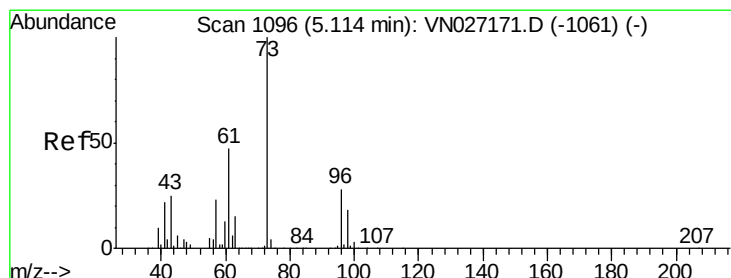
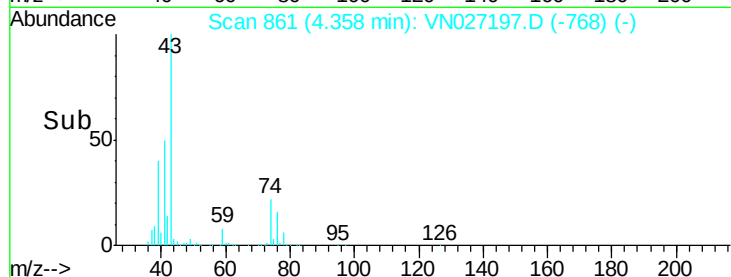
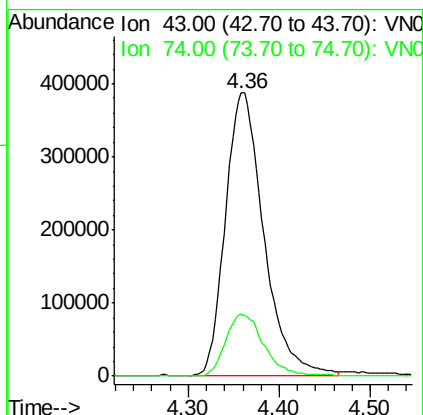
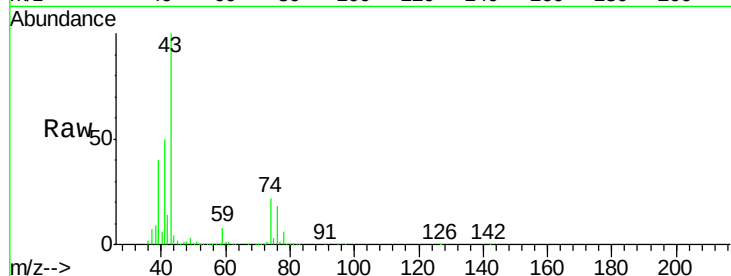




#19
Methyl Acetate
Concen: 51.44 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

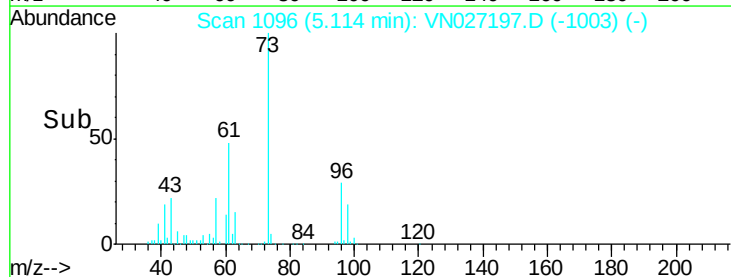
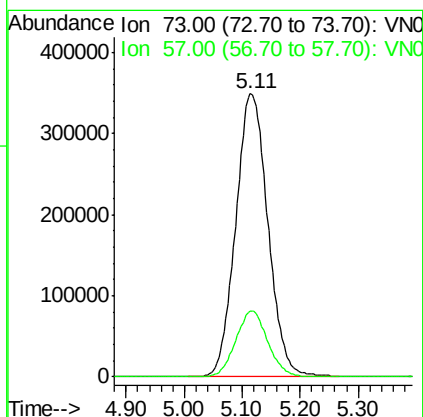
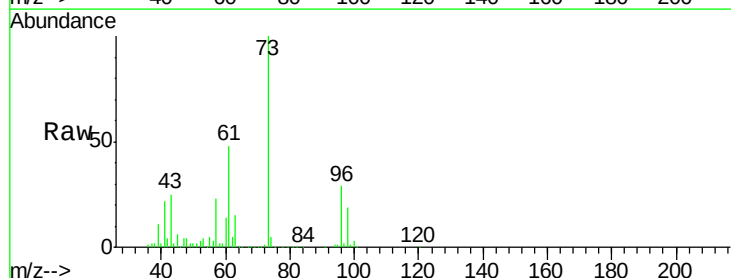
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

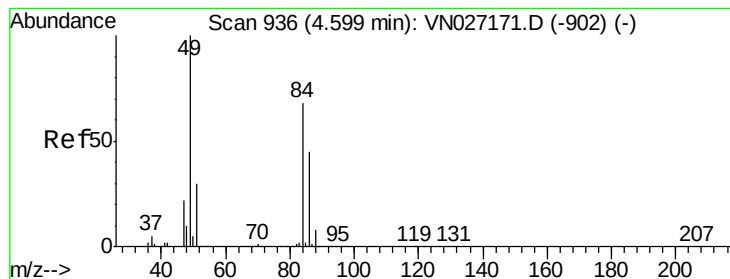
Tot Ion: 43 Resp: 1126115
Ion Ratio Lower Upper
43 100
74 22.1 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 47.90 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion: 73 Resp: 1350897
Ion Ratio Lower Upper
73 100
57 23.1 19.8 29.6





#21

Methylene Chloride

Concen: 48.92 ug/l

RT: 4.60 min Scan# 935

Delta R.T. -0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 84 Resp: 411921

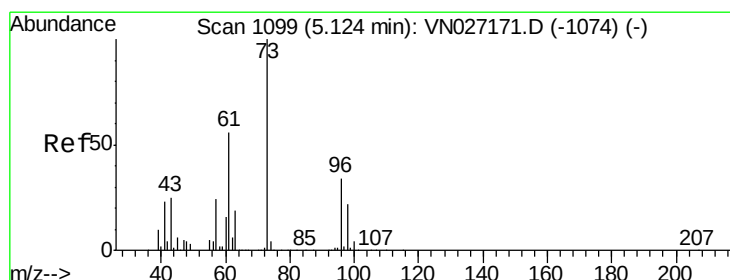
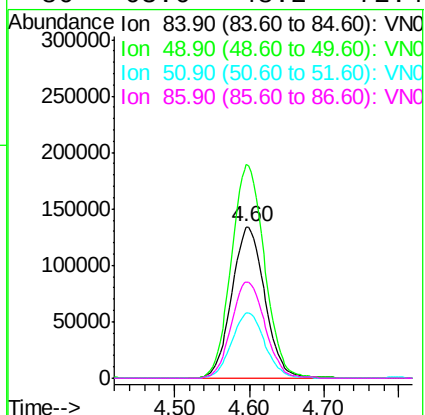
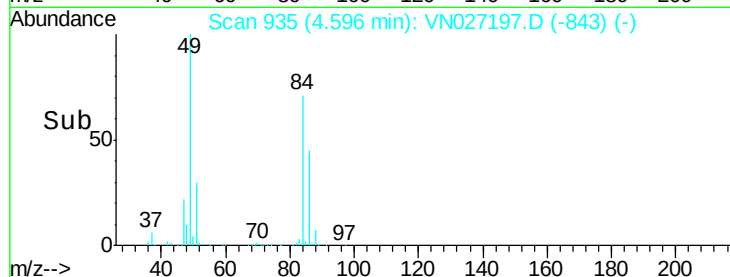
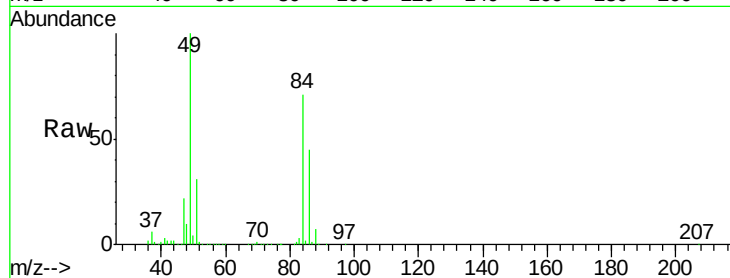
Ion	Ratio	Lower	Upper
84	100		
49	140.9	112.3	168.5
51	43.1	33.8	50.8
86	63.6	48.2	72.4

84 100

49 140.9 112.3 168.5

51 43.1 33.8 50.8

86 63.6 48.2 72.4



#22

trans-1,2-Dichloroethene

Concen: 48.43 ug/l

RT: 5.13 min Scan# 1100

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

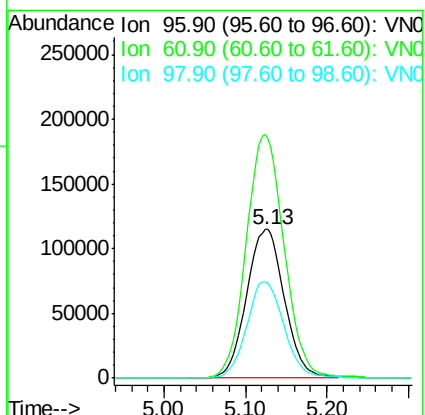
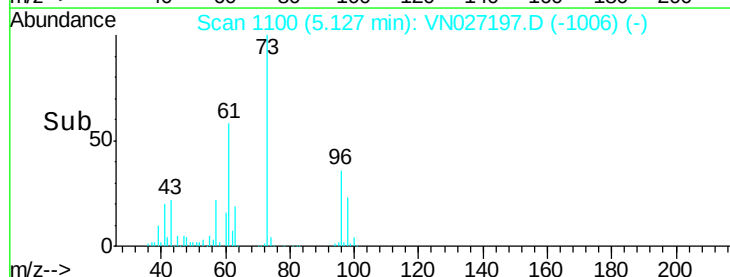
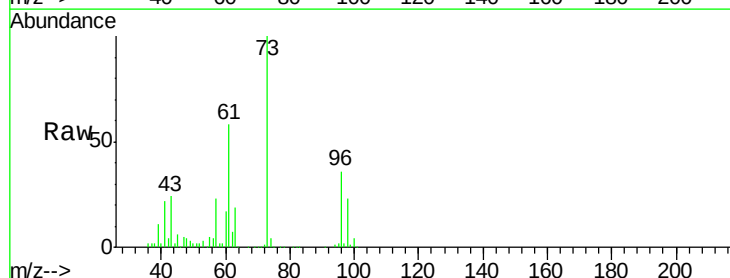
Tgt Ion: 96 Resp: 368002

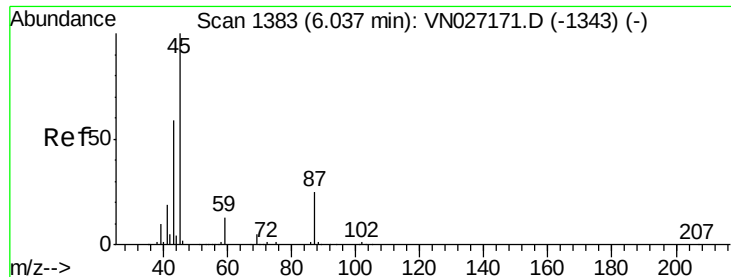
Ion	Ratio	Lower	Upper
96	100		
61	161.5	126.6	189.8
98	64.0	47.4	71.2

96 100

61 161.5 126.6 189.8

98 64.0 47.4 71.2



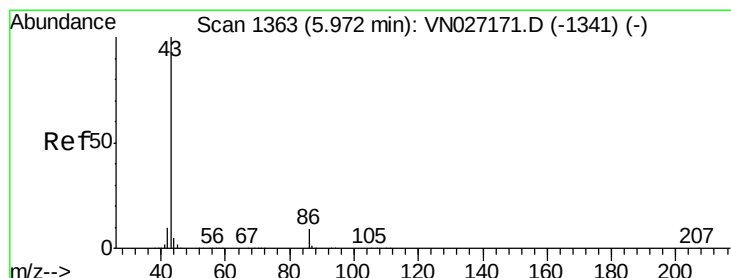
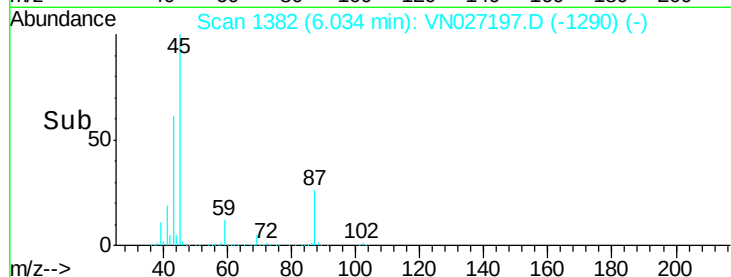
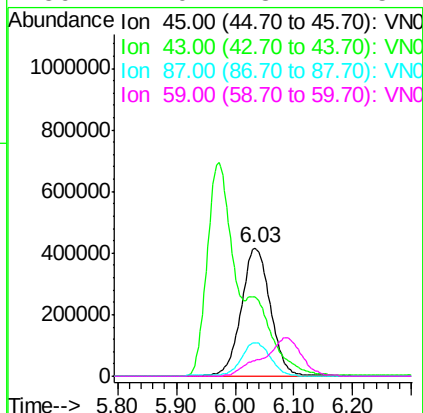
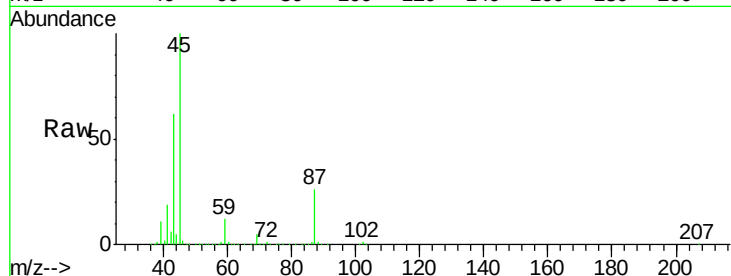


#23
Diisopropyl ether
Concen: 48.41 ug/l
RT: 6.03 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 45 Resp: 1441186

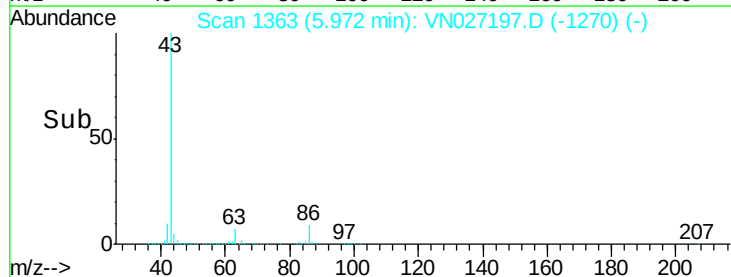
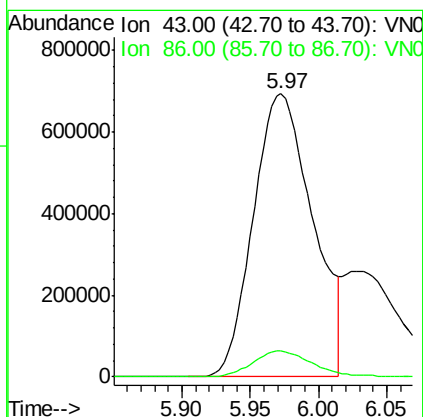
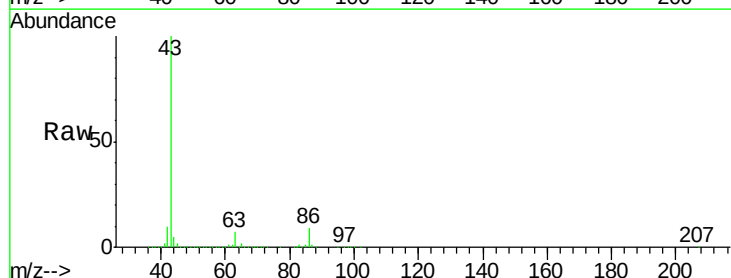
Ion	Ratio	Lower	Upper
45	100		
43	60.6	41.0	61.6
87	26.1	17.5	26.3
59	12.0	8.7	13.1

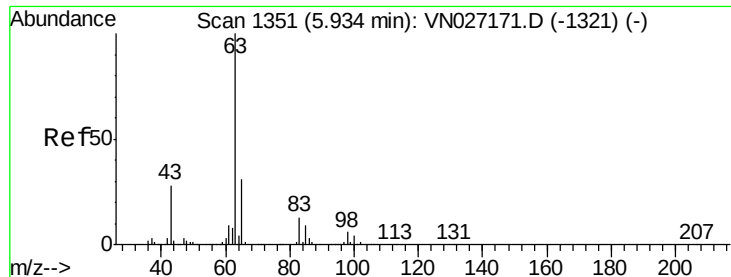


#24
Vinyl Acetate
Concen: 212.62 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion: 43 Resp: 2095040

Ion	Ratio	Lower	Upper
43	100		
86	9.0	6.9	10.3

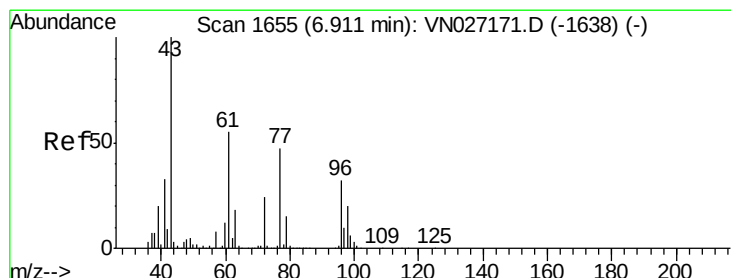
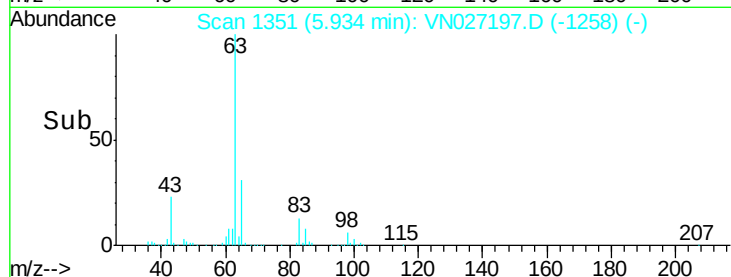
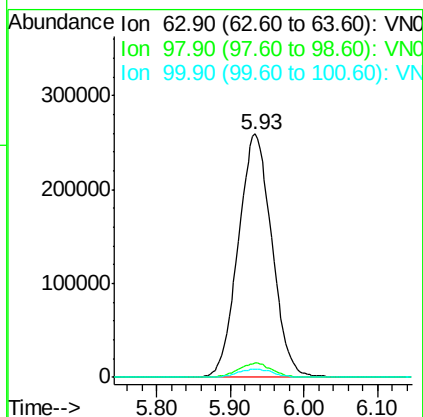
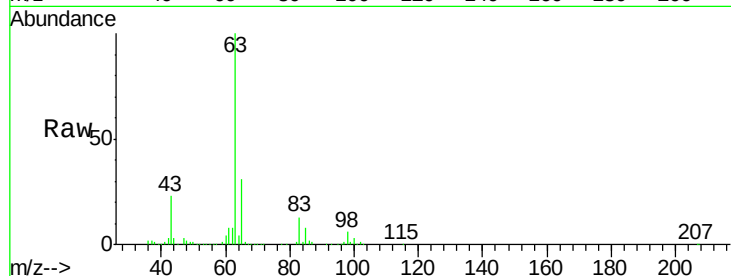




#25
 1,1-Dichloroethane
 Concen: 47.55 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

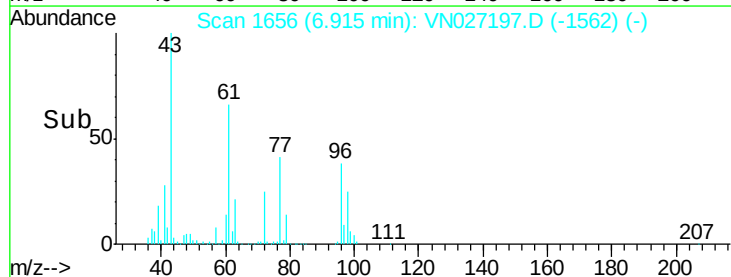
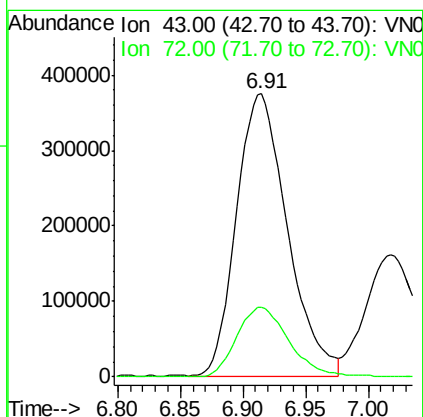
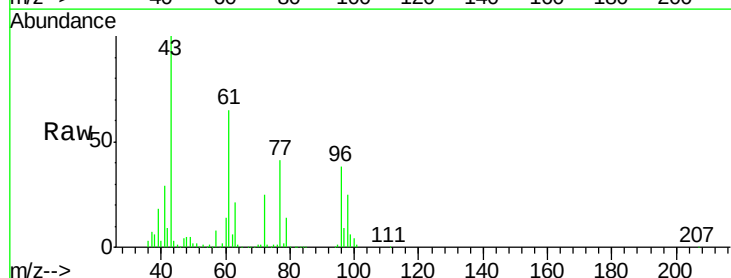
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

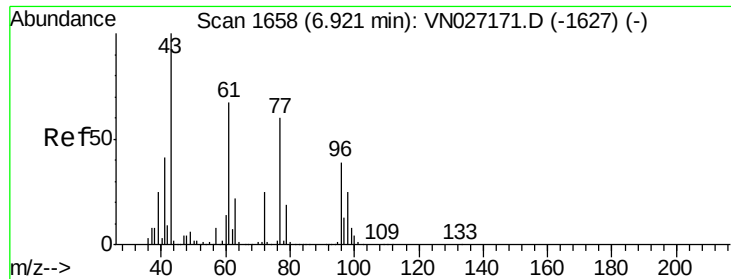
Tot Ion: 63 Resp: 822395
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.8 8.3
 100 3.1 1.7 5.0



#26
 2-Butanone
 Concen: 231.41 ug/l
 RT: 6.91 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion: 43 Resp: 1053239
 Ion Ratio Lower Upper
 43 100
 72 24.9 18.8 28.2

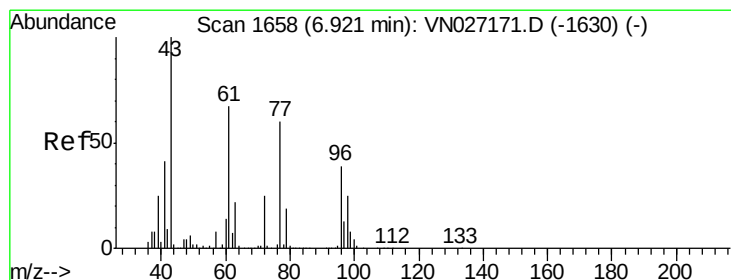
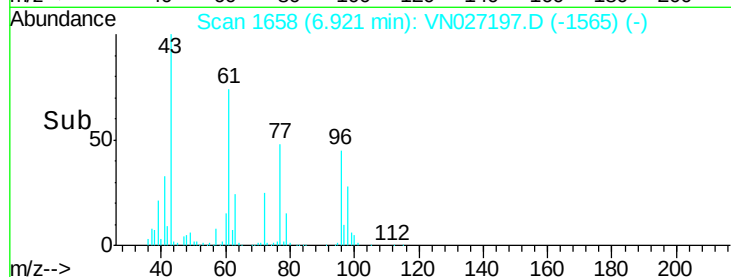
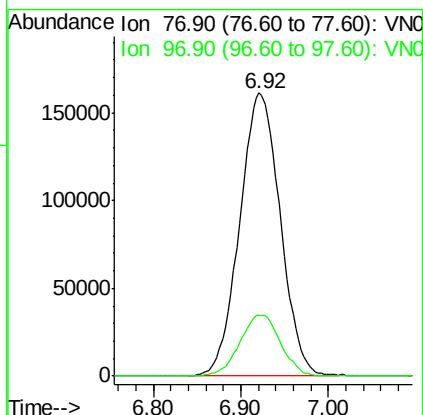
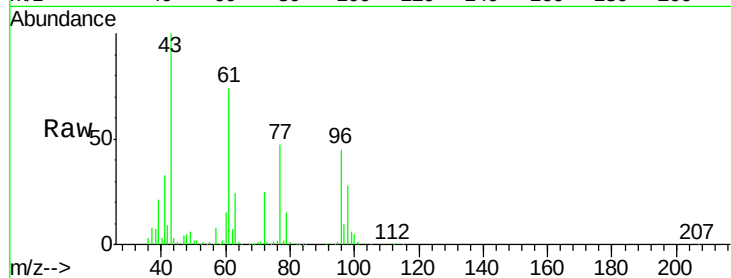




#27
 2,2-Dichloropropane
 Concen: 34.26 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

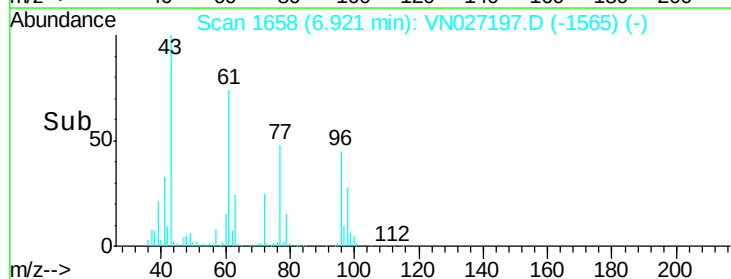
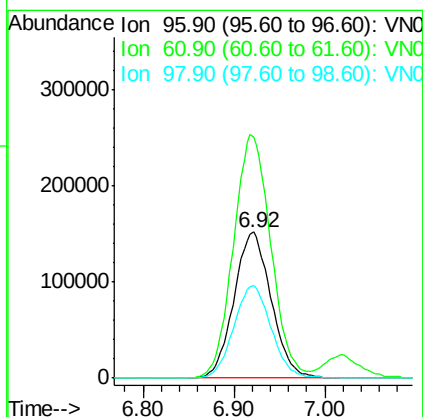
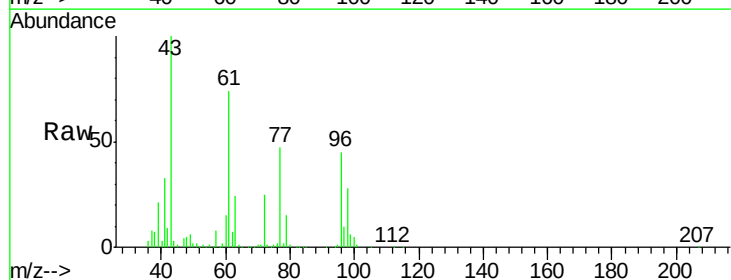
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

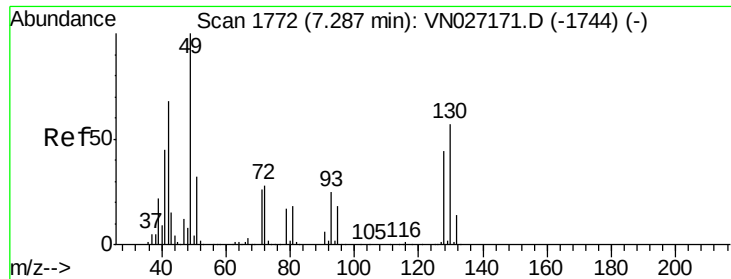
Tot Ion: 77 Resp: 514022
 Ion Ratio Lower Upper
 77 100
 97 21.9 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 49.47 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion: 96 Resp: 431117
 Ion Ratio Lower Upper
 96 100
 61 166.8 0.0 329.2
 98 63.7 0.0 126.0





#29

Bromochloromethane

Concen: 49.89 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

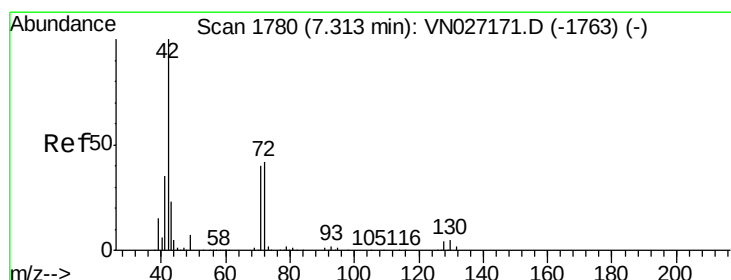
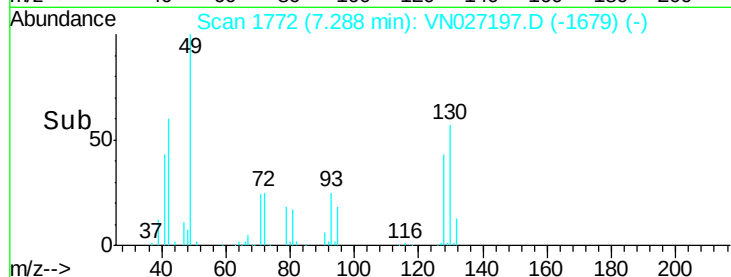
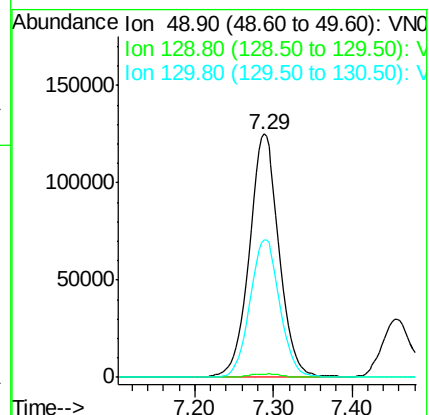
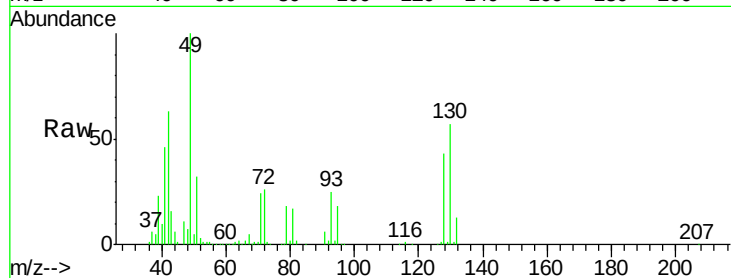
Tot Ion: 49 Resp: 334910

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

130 56.8 43.2 64.8



#30

Tetrahydrofuran

Concen: 216.43 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

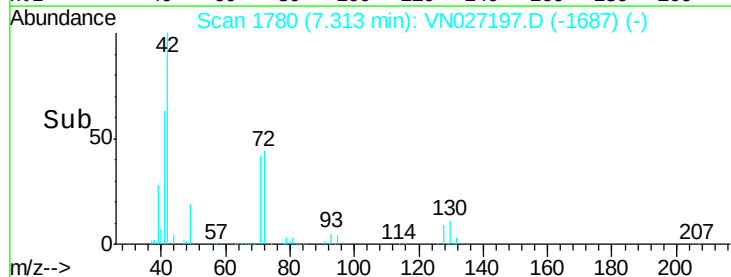
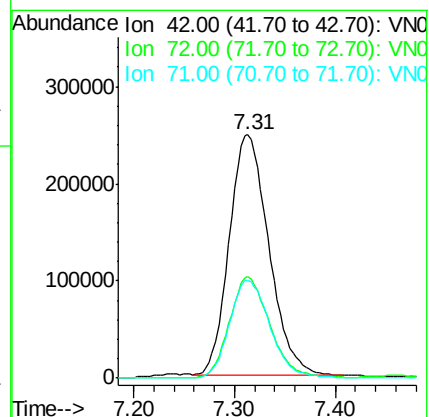
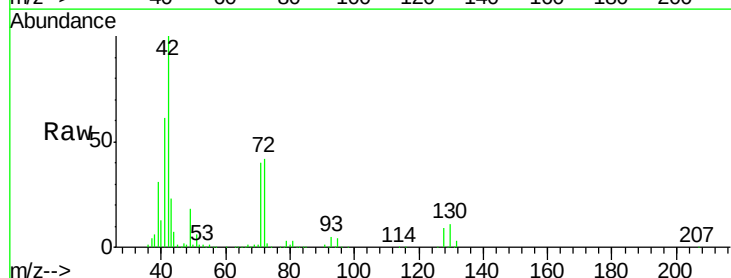
Tgt Ion: 42 Resp: 678889

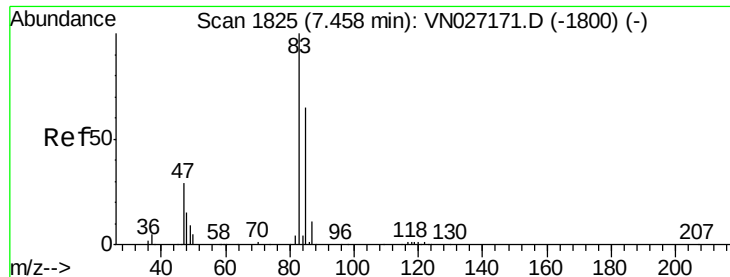
Ion Ratio Lower Upper

42 100

72 42.9 29.9 44.9

71 41.5 28.3 42.5





#31

Chloroform

Concen: 49.67 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

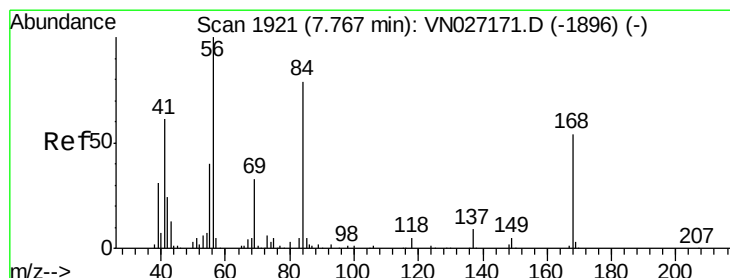
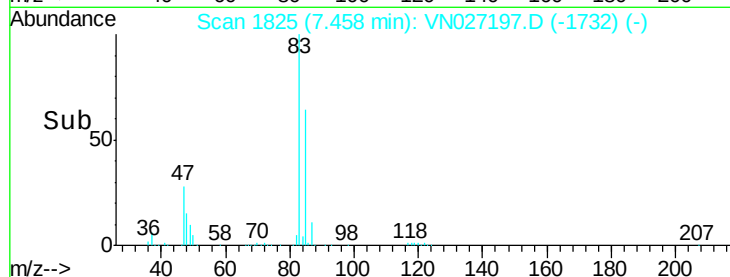
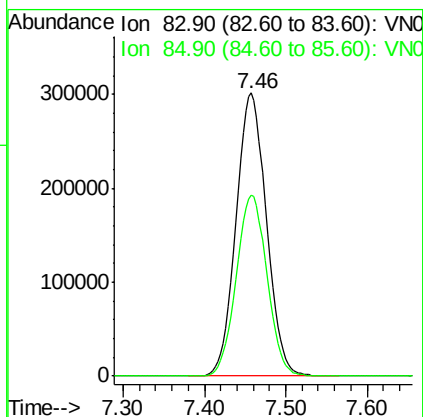
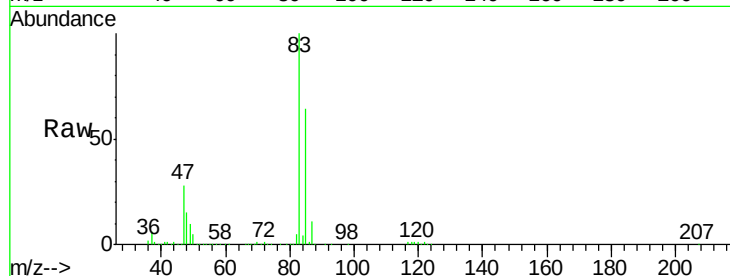
VSTDCCC050EC

Tot Ion: 83 Resp: 776088

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7



#32

Cyclohexane

Concen: 50.33 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

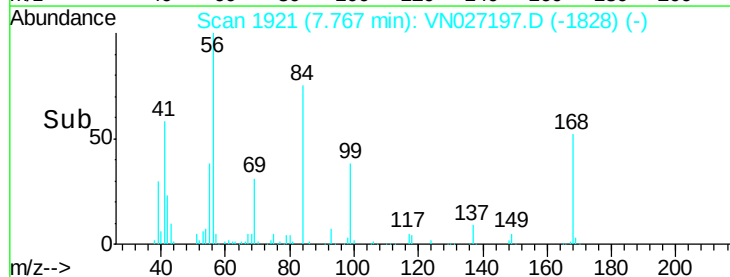
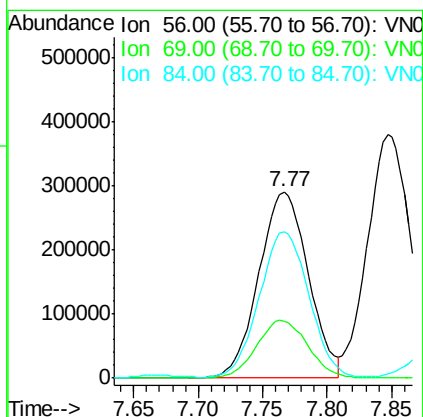
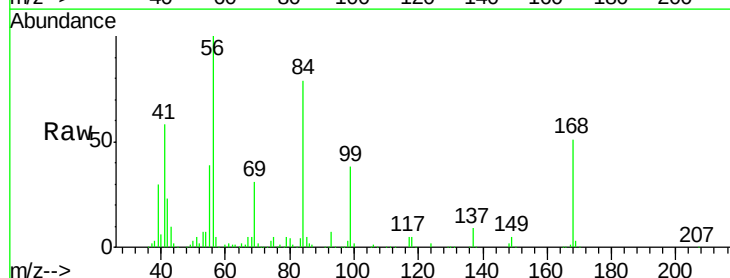
Tgt Ion: 56 Resp: 774797

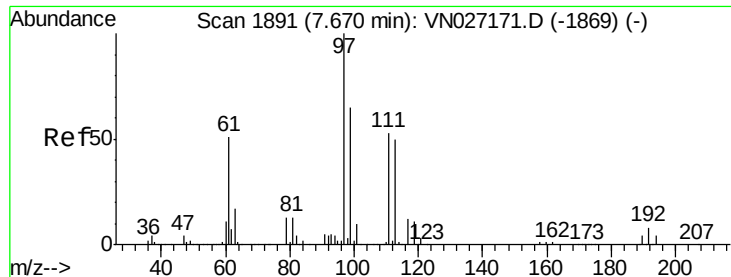
Ion Ratio Lower Upper

56 100

69 30.6 23.0 34.4

84 78.0 57.8 86.8

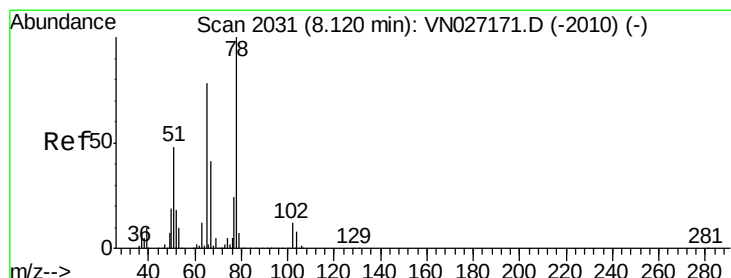
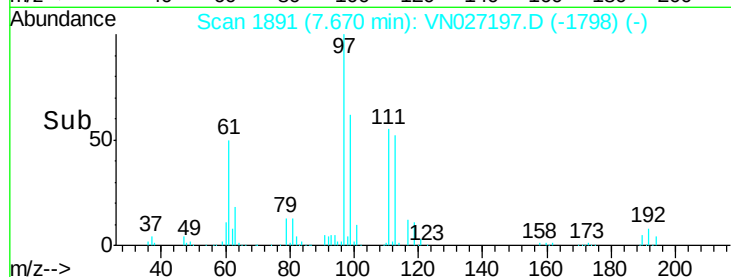
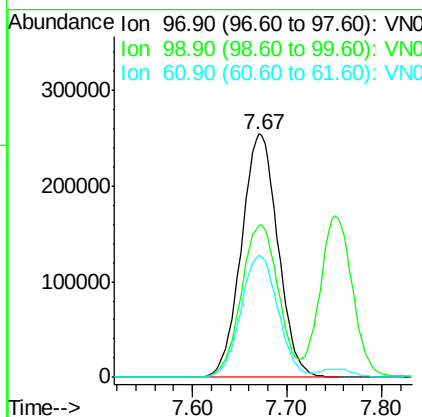
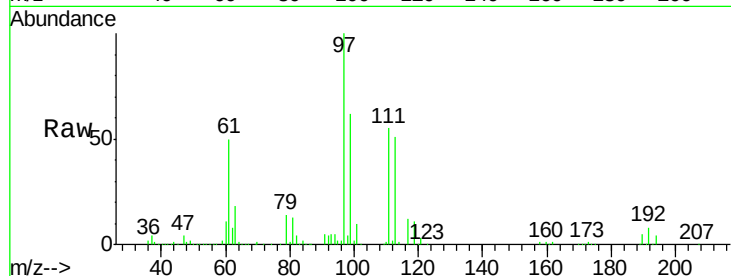




#33
 1,1,1-Trichloroethane
 Concen: 48.97 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

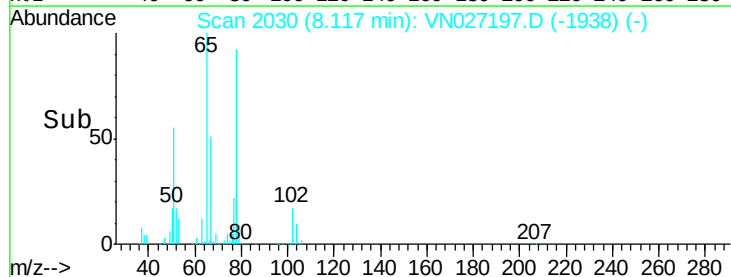
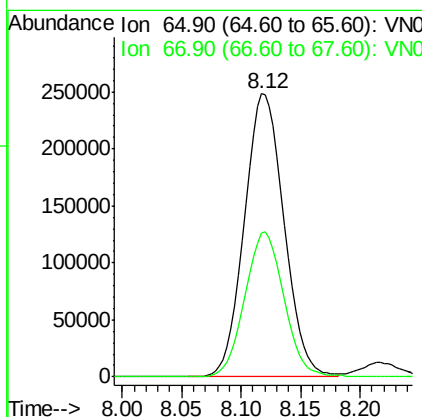
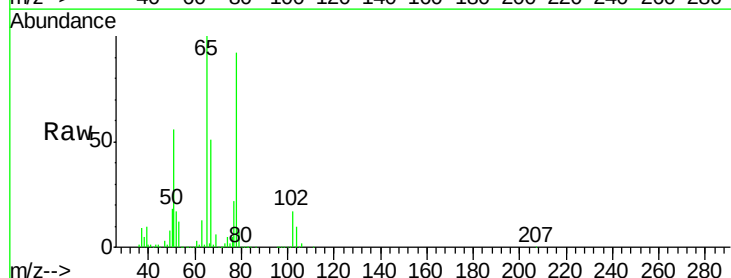
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

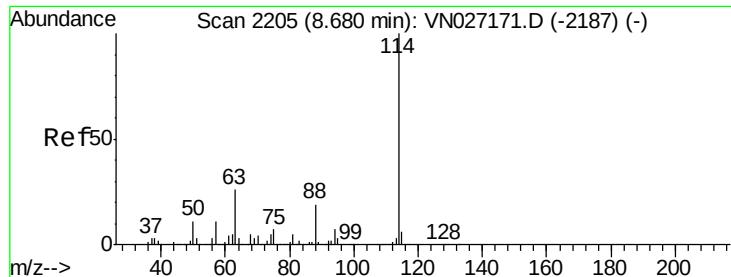
Tot Ion: 97 Resp: 682274
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.1 75.1
 61 50.9 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 51.22 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion: 65 Resp: 574191
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 110.6



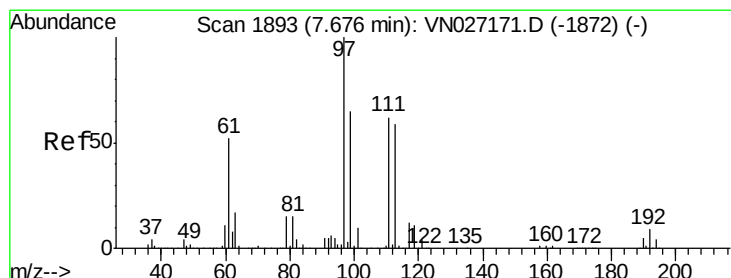
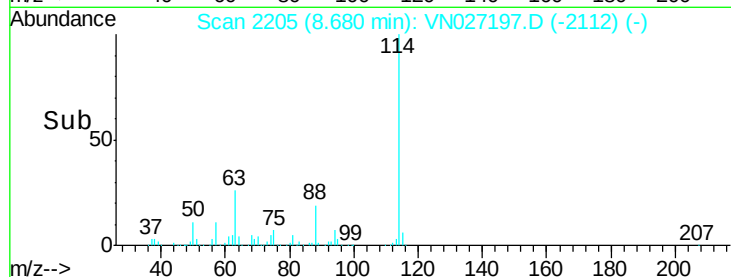
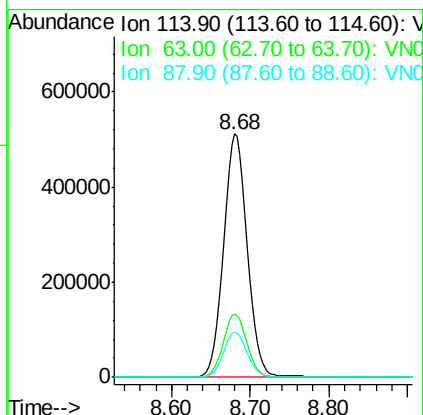
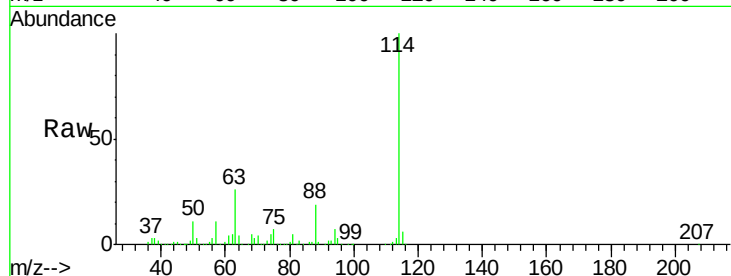


#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:114 Resp: 1056967

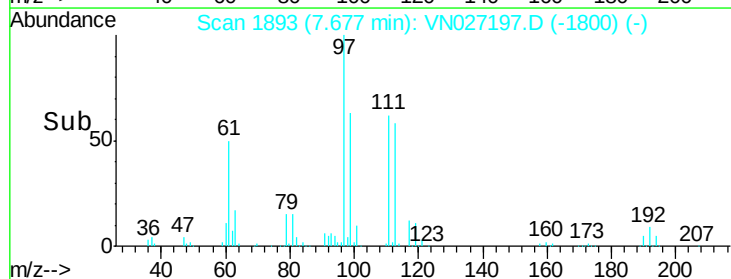
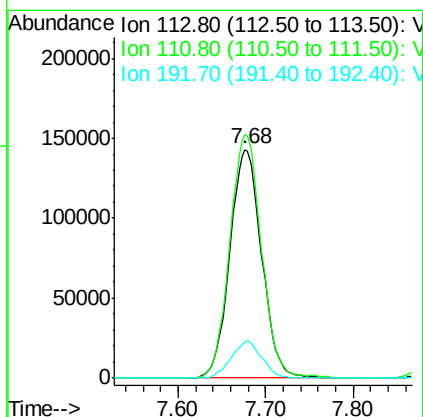
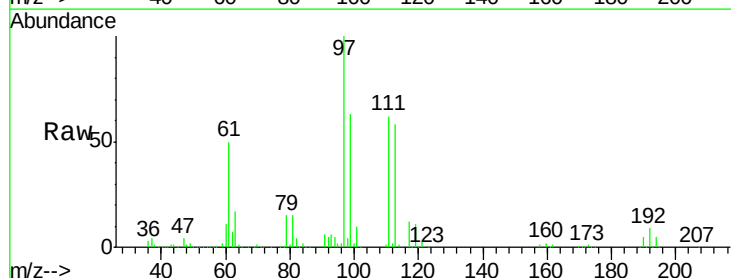
Ion	Ratio	Lower	Upper
114	100		
63	26.1	0.0	48.8
88	18.5	0.0	32.2

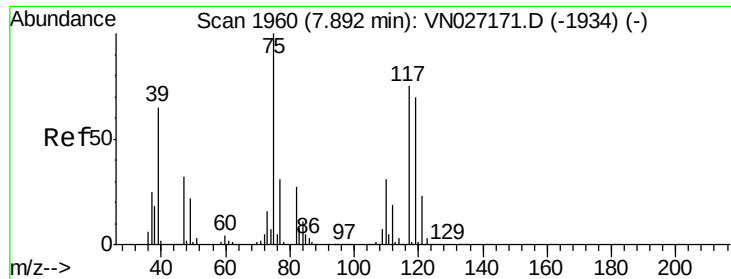


#36
 Dibromofluoromethane
 Concen: 49.12 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion:113 Resp: 359919

Ion	Ratio	Lower	Upper
113	100		
111	105.5	83.0	124.4
192	15.8	14.1	21.1

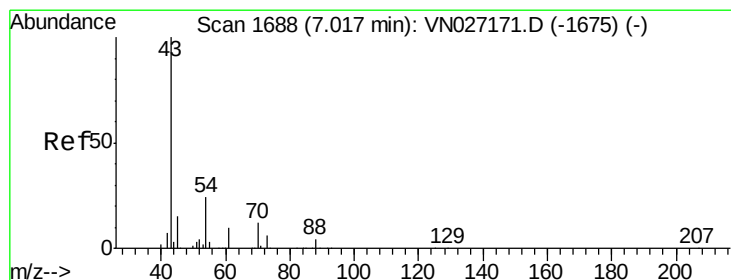
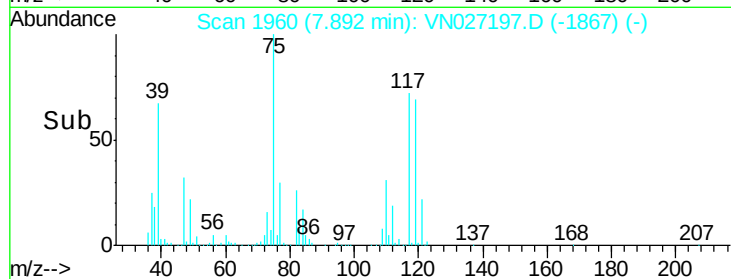
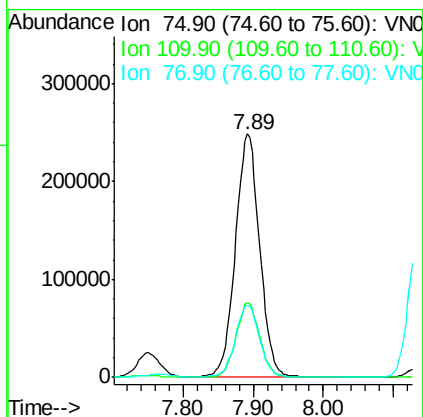
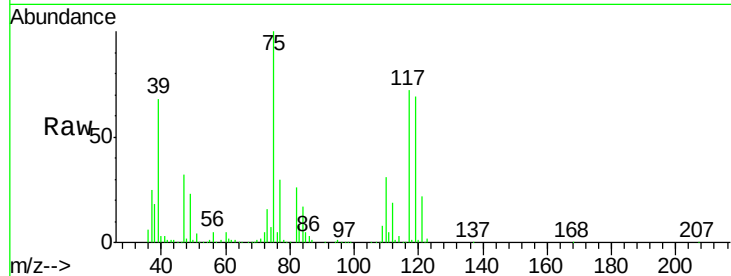




#37
 1,1-Dichloropropene
 Concen: 48.14 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

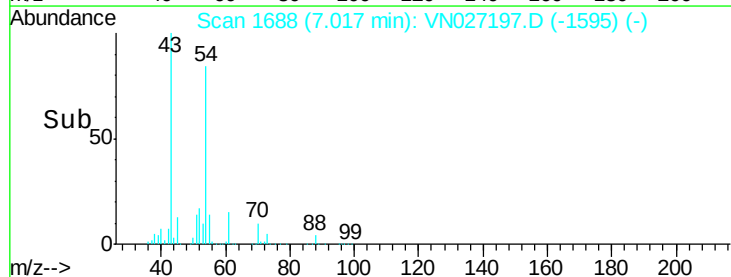
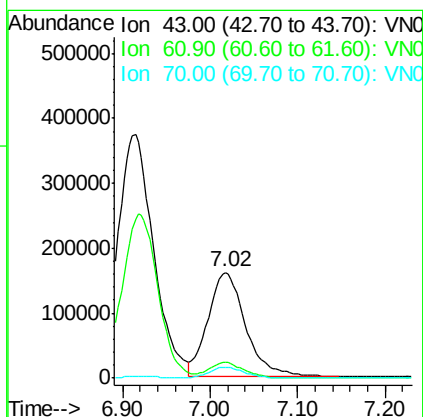
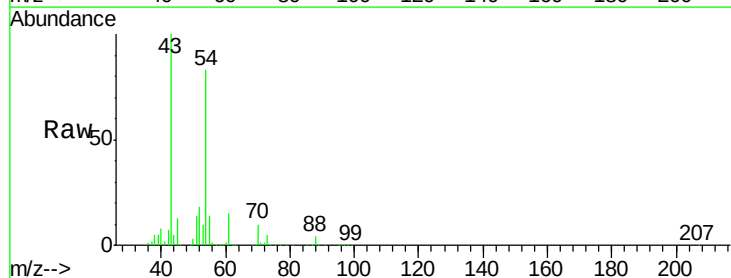
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

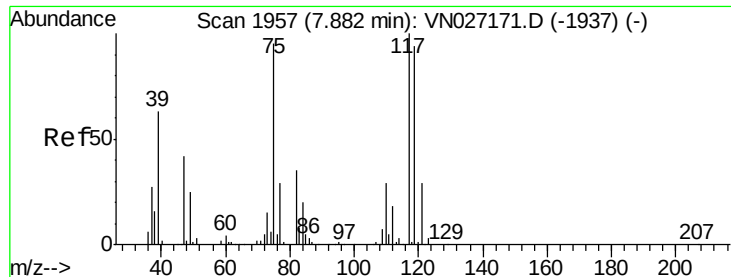
Tot Ion	Ratio	Lower	Upper
75	100		
110	30.0	15.9	47.7
77	29.8	24.9	37.3



#38
 Ethyl Acetate
 Concen: 45.41 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.4
70	9.9	7.4	11.0

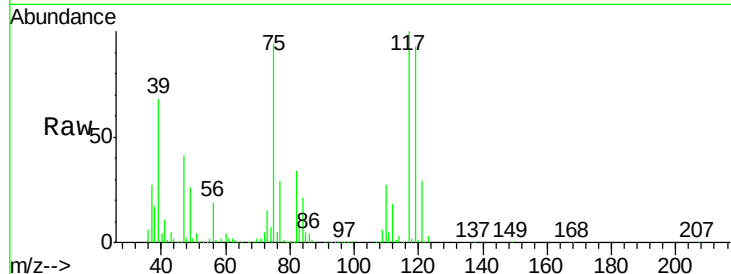




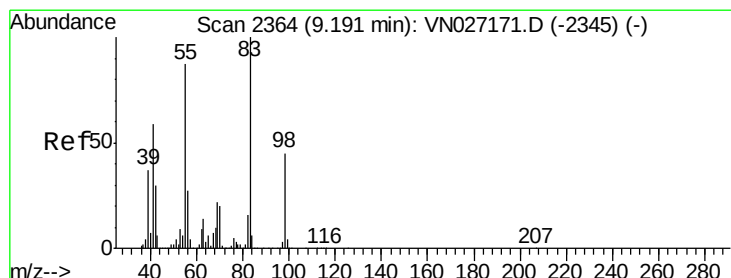
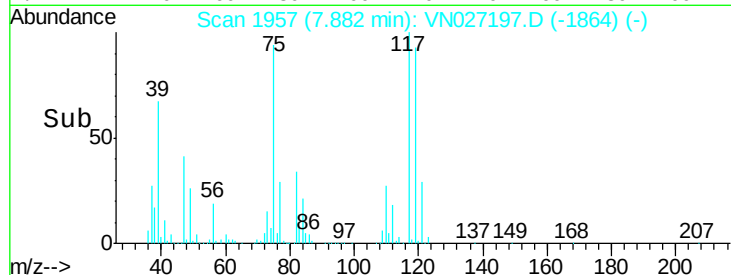
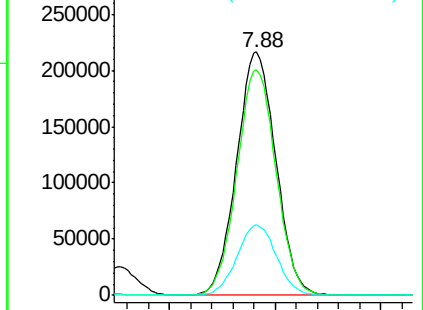
#39
Carbon Tetrachloride
Concen: 47.89 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 557085
Ion Ratio Lower Upper
117 100
119 92.9 75.3 112.9
121 29.1 23.8 35.8

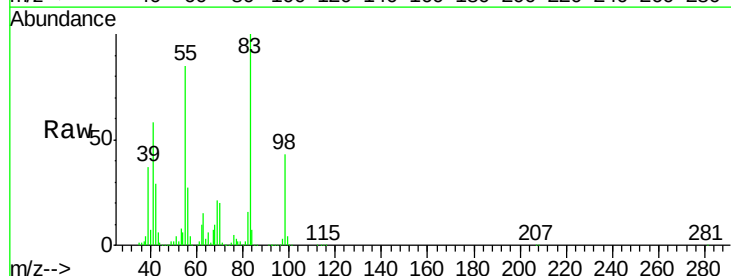


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

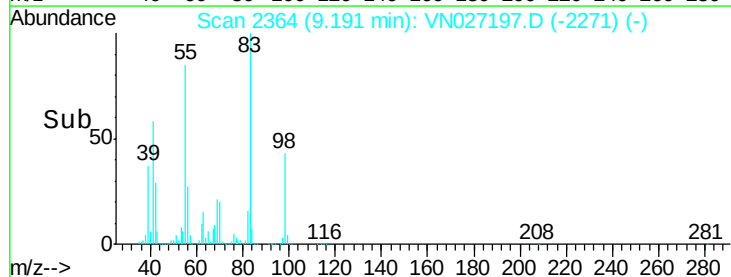
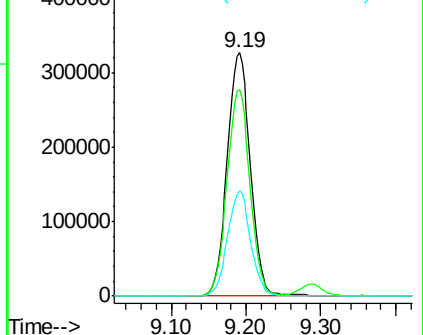


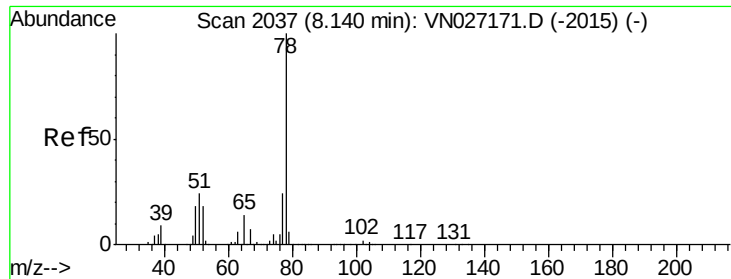
#40
Methylcyclohexane
Concen: 46.53 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion: 83 Resp: 701111
Ion Ratio Lower Upper
83 100
55 84.8 69.8 104.8
98 43.2 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: 47.15 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

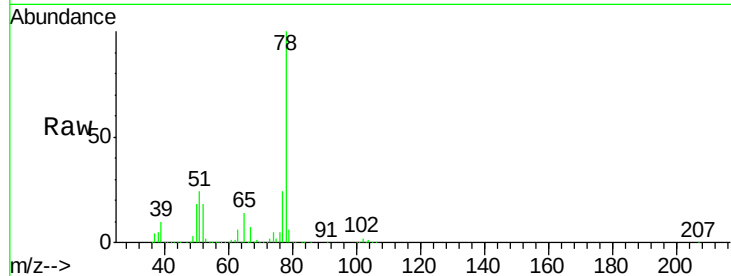
VSTDCCC050EC

Tot Ion: 78 Resp: 1701995

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.14

800000

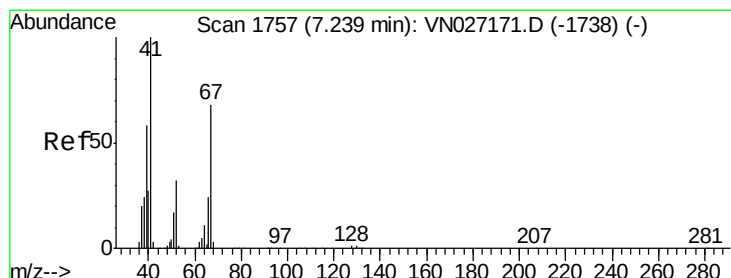
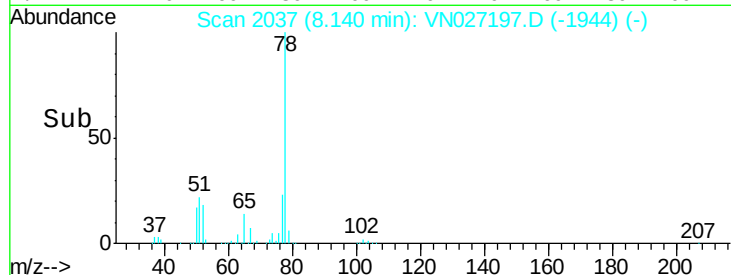
600000

400000

200000

0

Time-->



#42

Methacrylonitrile

Concen: 47.77 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Tgt Ion: 41 Resp: 285691

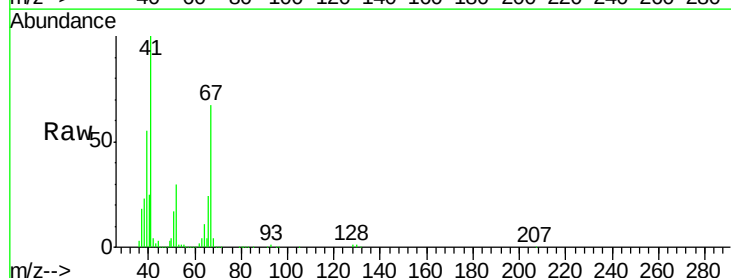
Ion Ratio Lower Upper

41 100

39 56.8 43.0 64.6

67 70.5 52.2 78.2

52 32.5 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

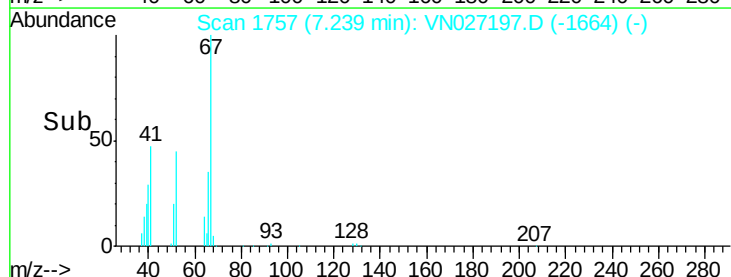
150000

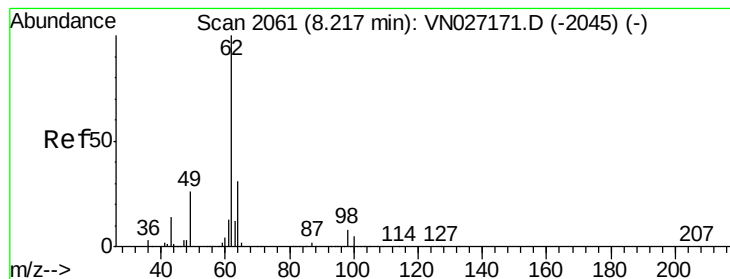
100000

50000

0

Time-->





#43

1,2-Dichloroethane

Concen: 48.14 ug/l

RT: 8.22 min Scan# 2061

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

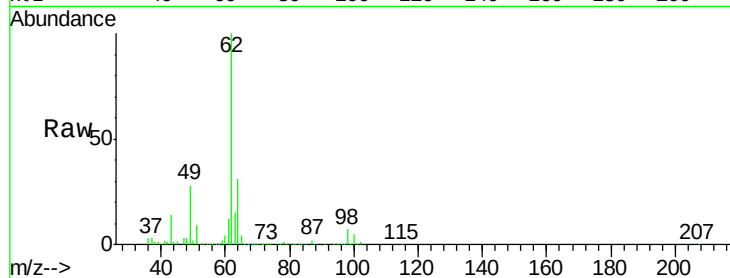
VSTDCCC050EC

Tot Ion: 62 Resp: 700042

Ion Ratio Lower Upper

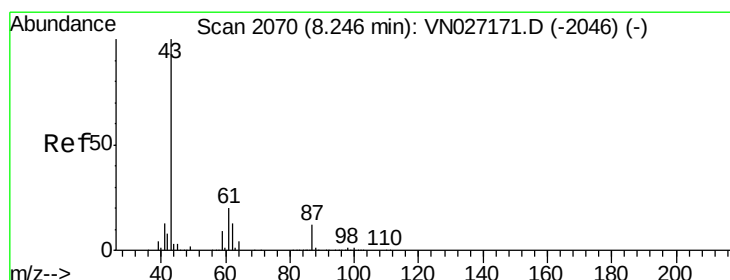
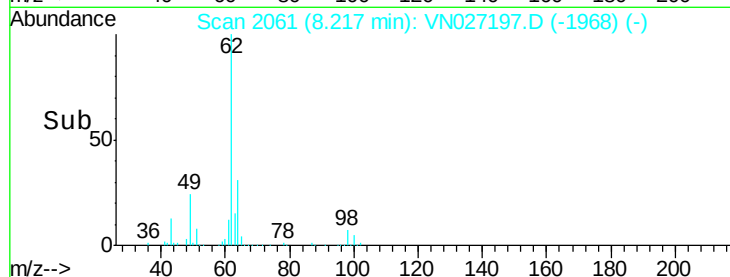
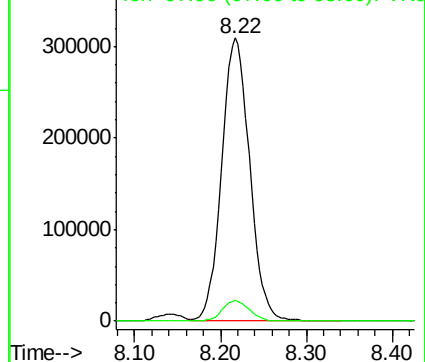
62 100

98 7.1 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#44

Isopropyl Acetate

Concen: 45.28 ug/l

RT: 8.25 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

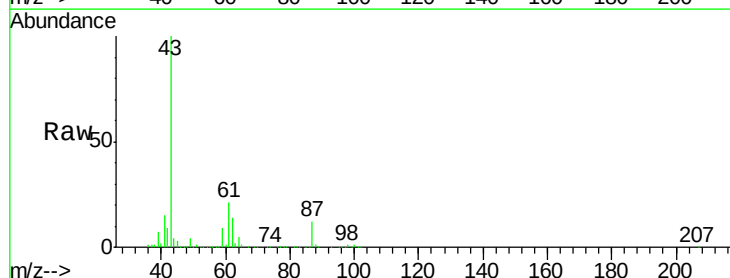
Tgt Ion: 43 Resp: 895265

Ion Ratio Lower Upper

43 100

61 27.2 20.6 31.0

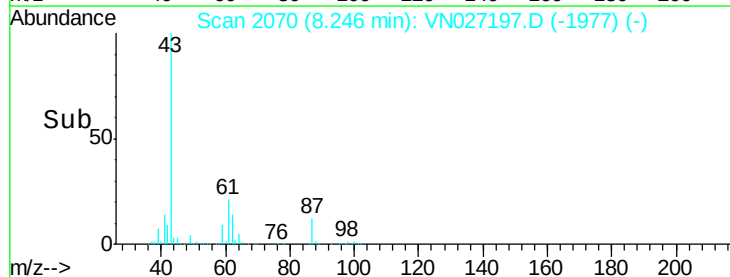
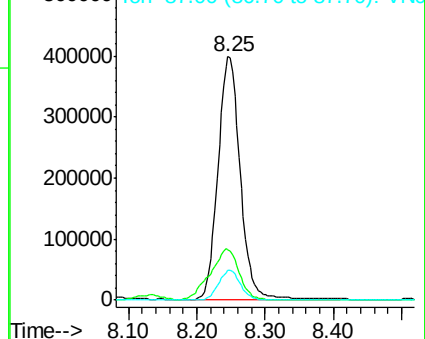
87 12.2 8.6 13.0

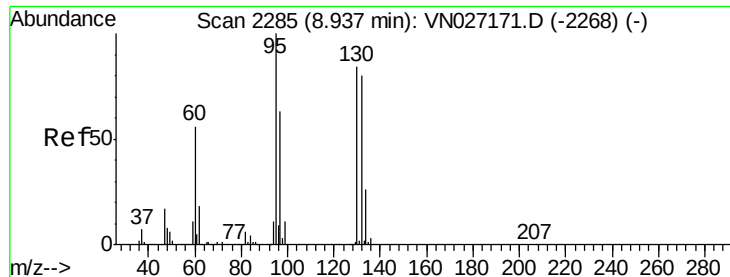


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

Trichloroethene

Concen: 47.87 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

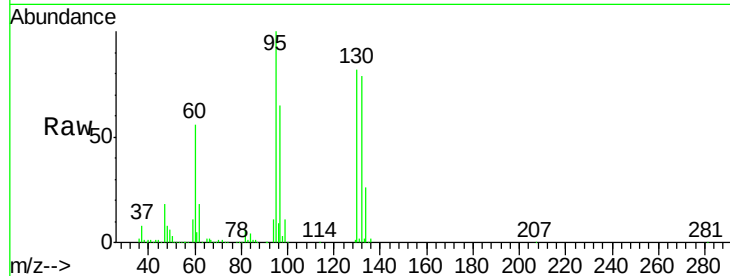
VSTDCCC050EC

Tot Ion:130 Resp: 347088

Ion Ratio Lower Upper

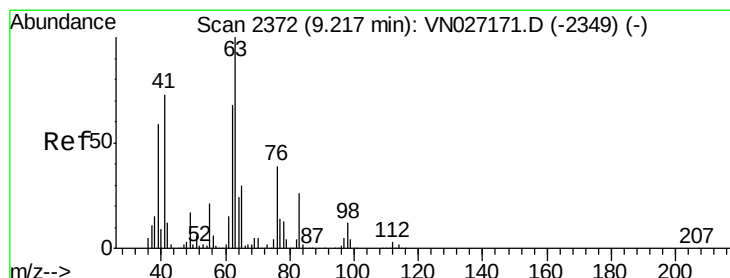
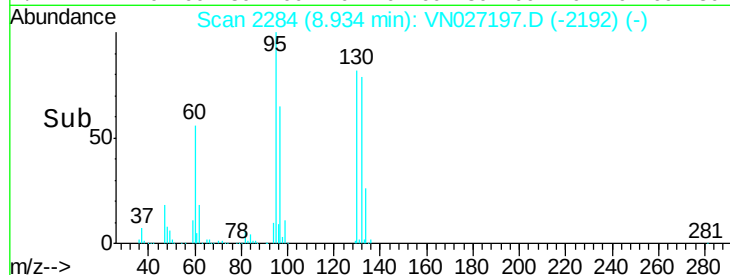
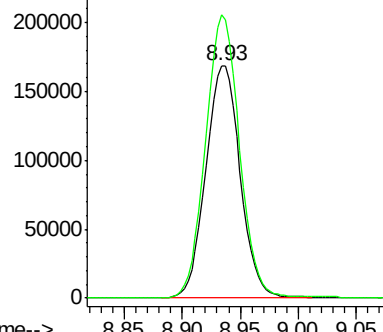
130 100

95 121.6 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

1,2-Dichloropropane

Concen: 46.95 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027197.D

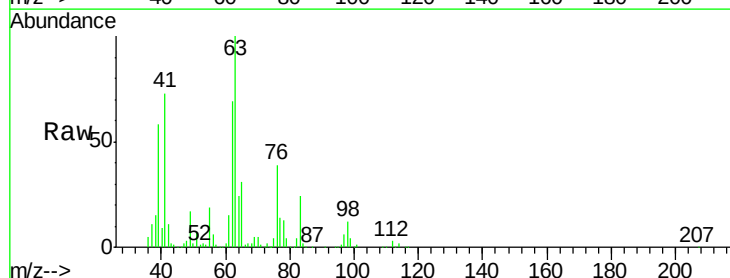
Acq: 16 Sep 2015 7:38

Tgt Ion: 63 Resp: 487662

Ion Ratio Lower Upper

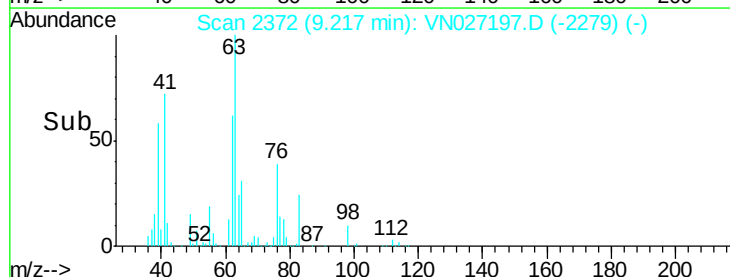
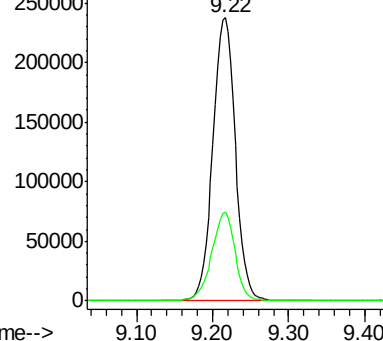
63 100

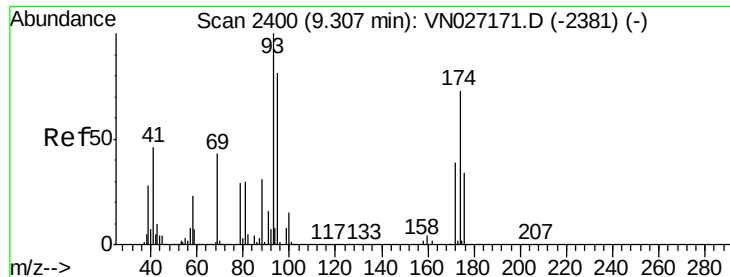
65 31.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Dibromomethane

Concen: 46.78 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

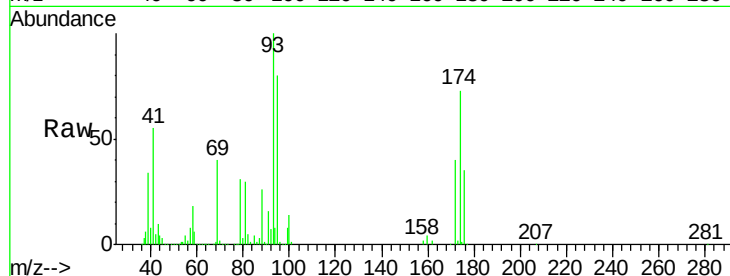
Tot Ion: 93 Resp: 285299

Ion Ratio Lower Upper

93 100

95 81.1 66.3 99.5

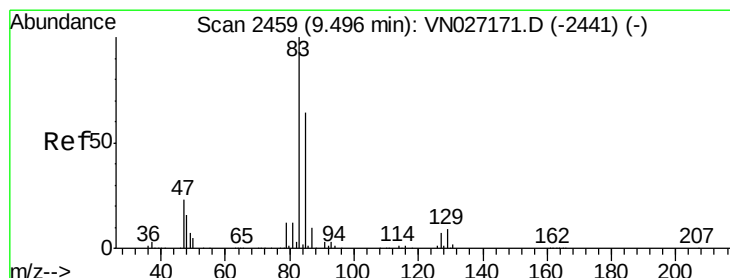
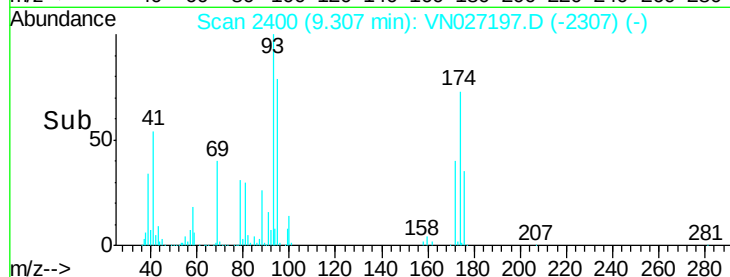
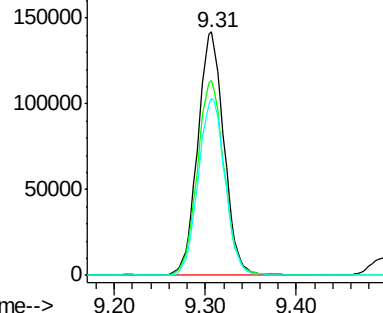
174 73.7 67.8 101.6



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: 48.22 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

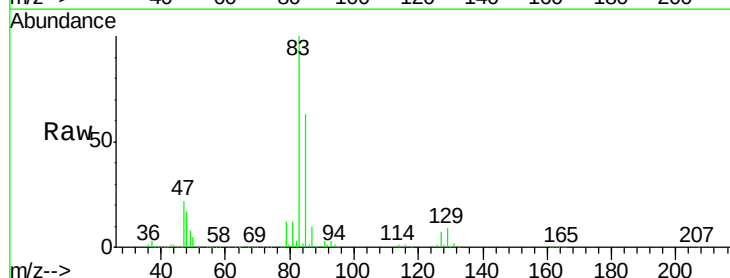
Tgt Ion: 83 Resp: 619655

Ion Ratio Lower Upper

83 100

85 63.1 50.7 76.1

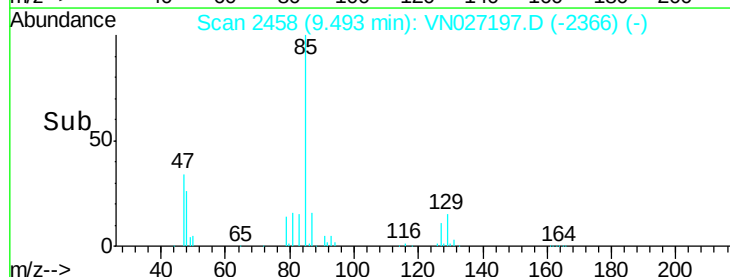
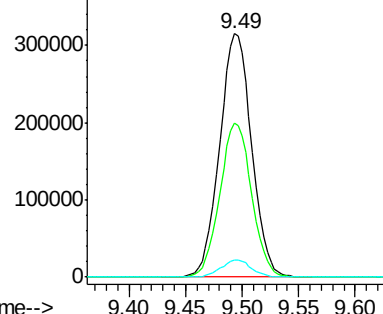
127 7.2 5.5 8.3

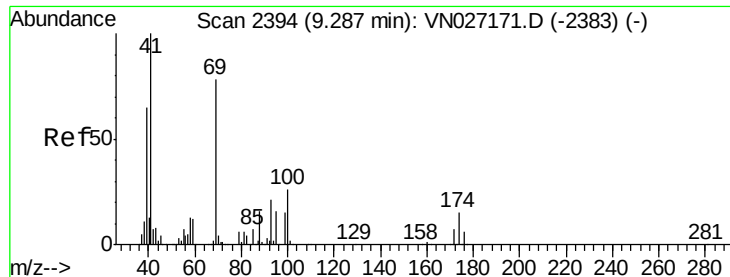


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

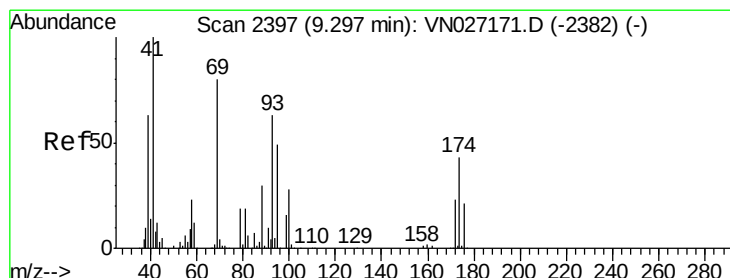
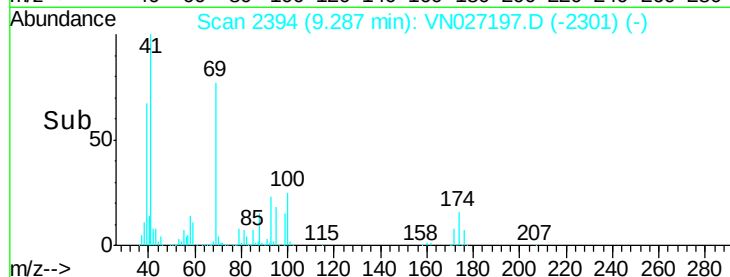
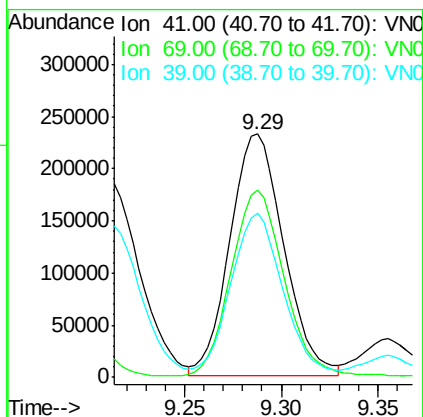
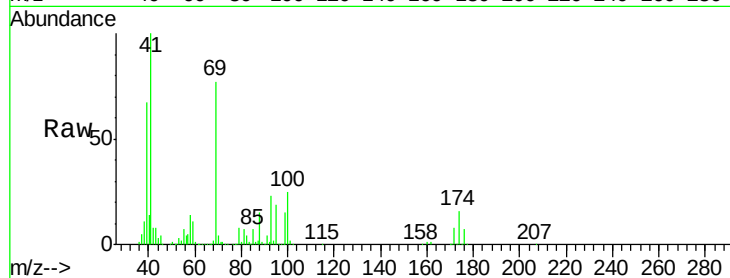




#49
Methvl methacrylate
Concen: 45.93 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

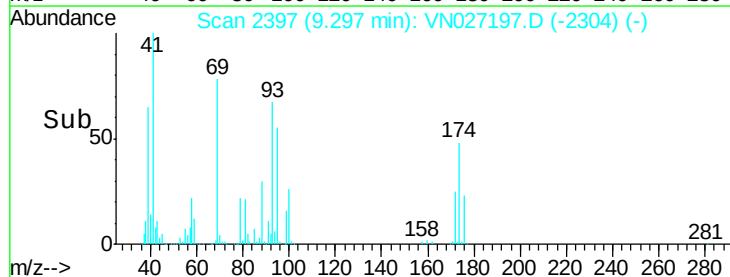
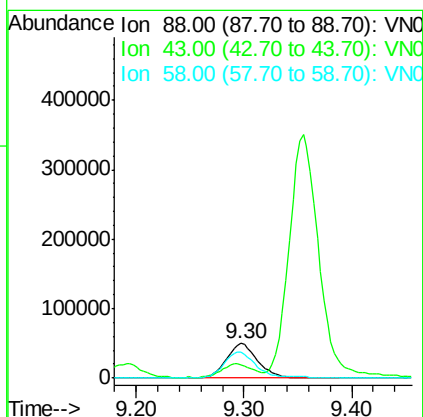
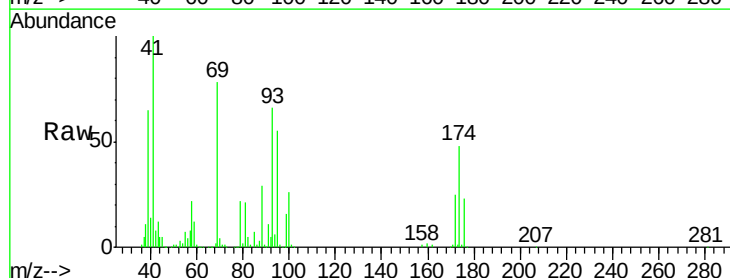
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

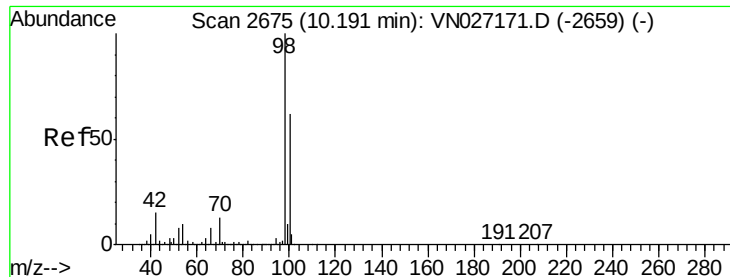
Tot Ion: 41 Resp: 452446
Ion Ratio Lower Upper
41 100
69 76.5 59.3 88.9
39 65.7 39.5 59.3#



#50
1,4-Dioxane
Concen: 867.26 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion: 88 Resp: 100197
Ion Ratio Lower Upper
88 100
43 37.1 27.6 41.4
58 76.2 63.1 94.7





#51

Toluene-d8

Concen: 49.35 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

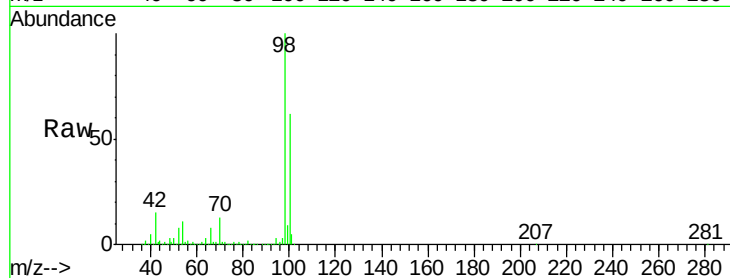
VSTDCCC050EC

Tot Ion: 98 Resp: 1415611

Ion Ratio Lower Upper

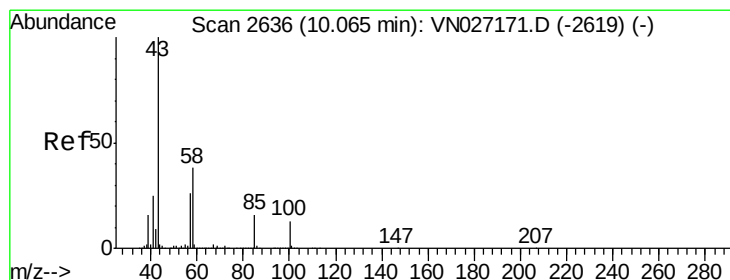
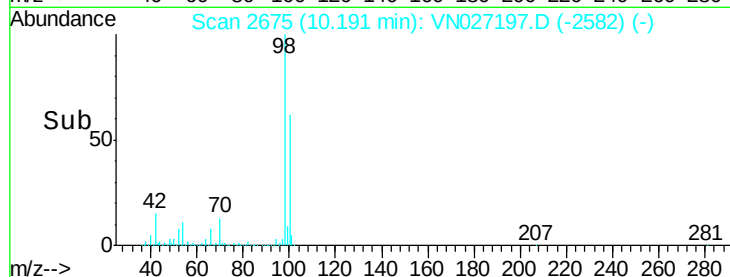
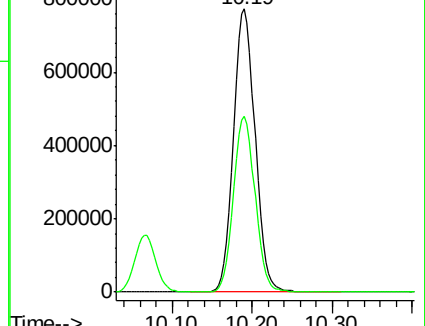
98 100

100 62.2 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

4-Methyl-2-Pentanone

Concen: 220.85 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027197.D

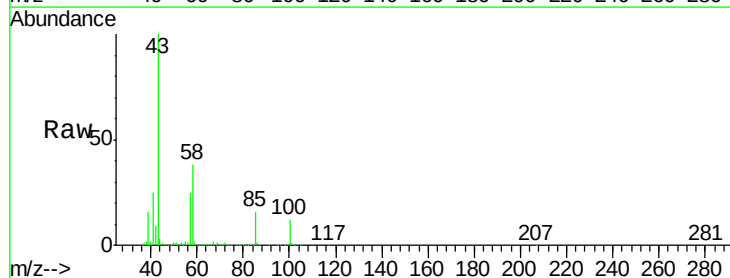
Acq: 16 Sep 2015 7:38

Tgt Ion: 43 Resp: 2308767

Ion Ratio Lower Upper

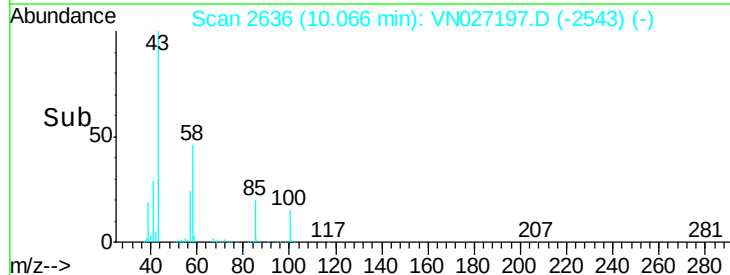
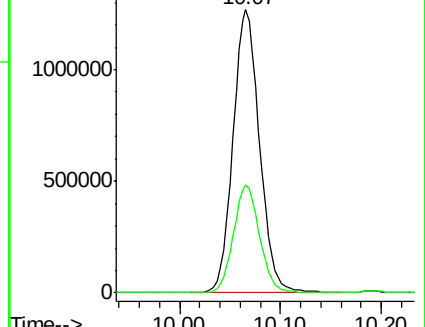
43 100

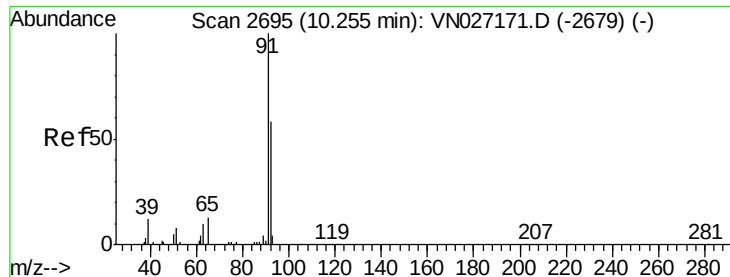
58 37.8 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

Toluene

Concen: 47.09 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

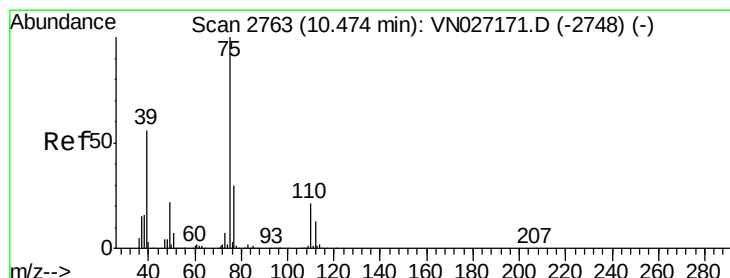
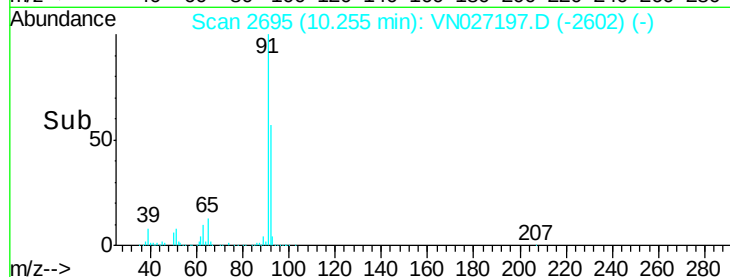
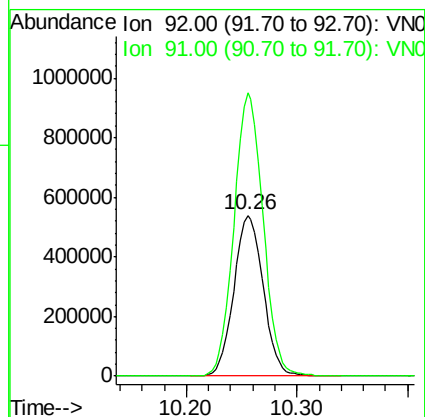
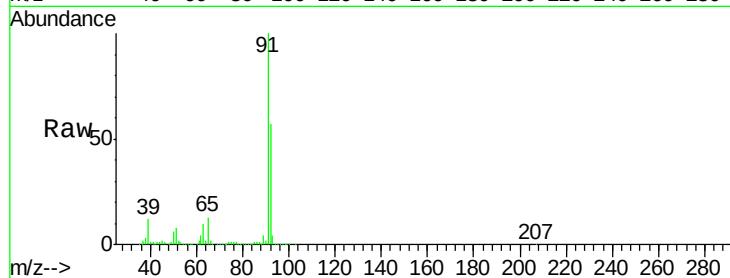
VSTDCCC050EC

Tot Ion: 92 Resp: 995679

Ion Ratio Lower Upper

92 100

91 174.5 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 43.99 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027197.D

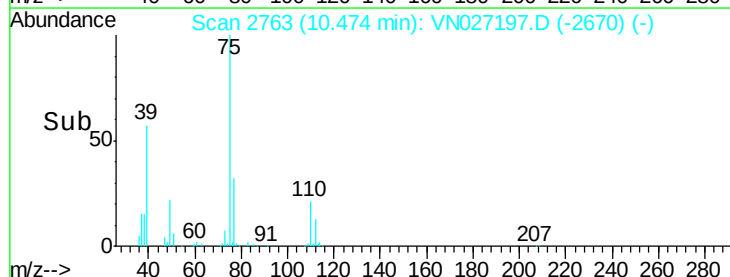
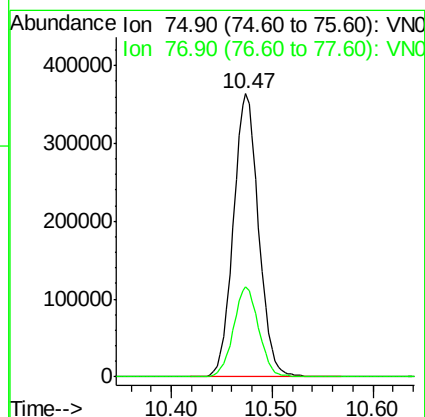
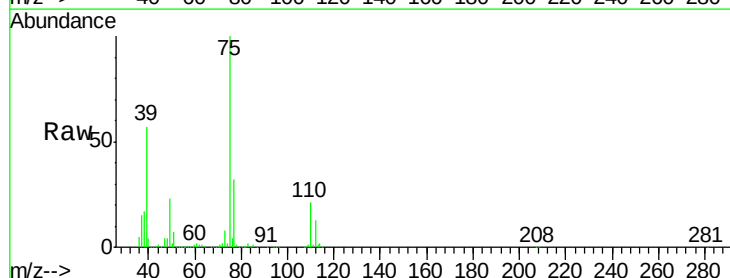
Acq: 16 Sep 2015 7:38

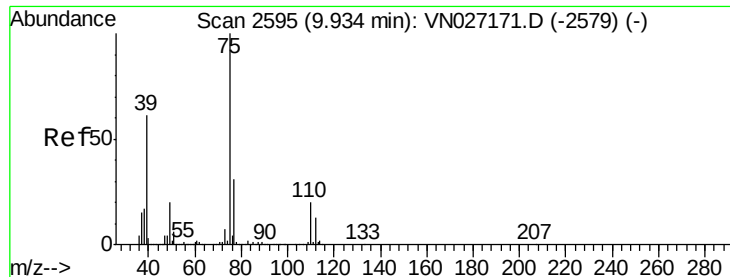
Tgt Ion: 75 Resp: 634888

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 44.93 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

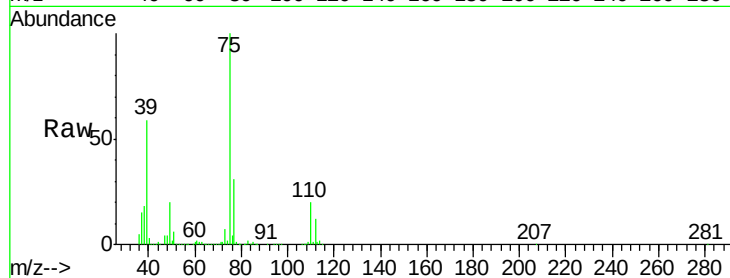
Tot Ion: 75 Resp: 705348

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

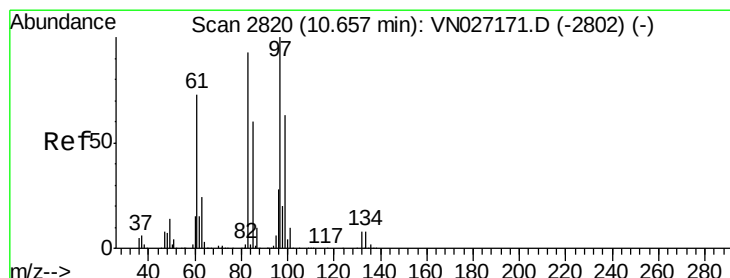
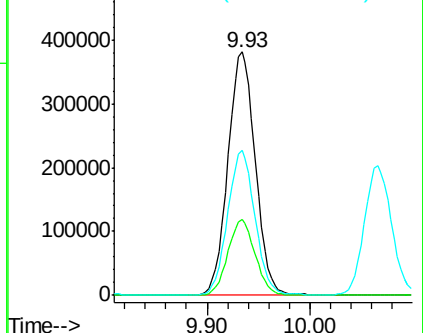
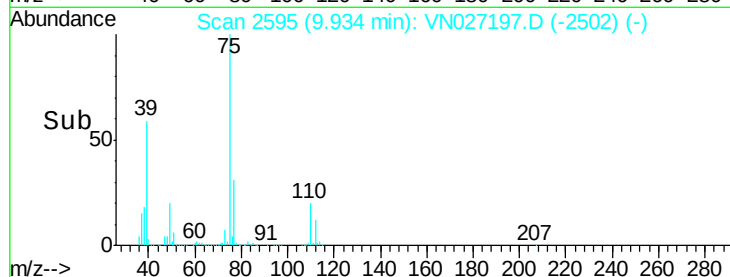
39 59.2 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VN027197.D (-2502) (-)

Ion 76.90 (76.60 to 77.60): VN027197.D (-2502) (-)

Ion 39.00 (38.70 to 39.70): VN027197.D (-2502) (-)



#56

1,1,2-Trichloroethane

Concen: 47.34 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Tgt Ion: 97 Resp: 376219

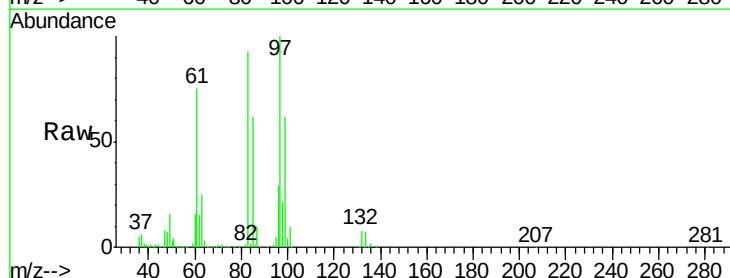
Ion Ratio Lower Upper

97 100

83 93.2 75.0 112.4

85 61.6 48.0 72.0

99 62.4 50.3 75.5

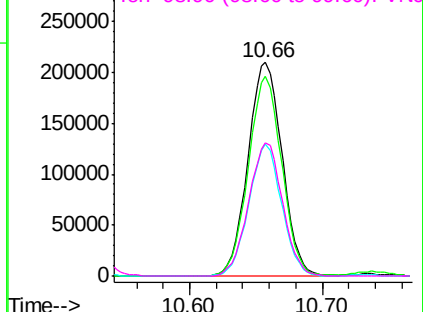
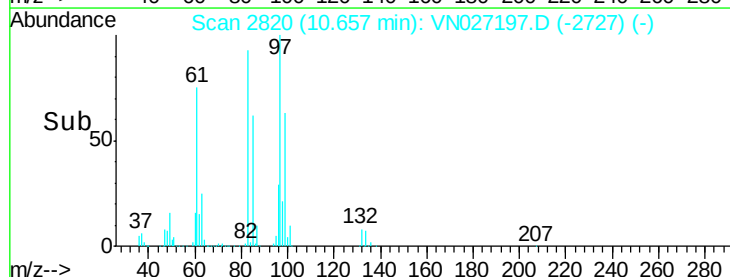


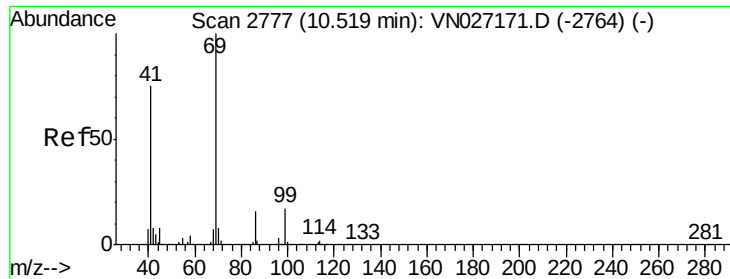
Abundance Ion 96.90 (96.60 to 97.60): VN027197.D (-2727) (-)

Ion 82.90 (82.60 to 83.60): VN027197.D (-2727) (-)

Ion 84.90 (84.60 to 85.60): VN027197.D (-2727) (-)

Ion 98.90 (98.60 to 99.60): VN027197.D (-2727) (-)





#57

Ethyl methacrylate

Concen: 45.89 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

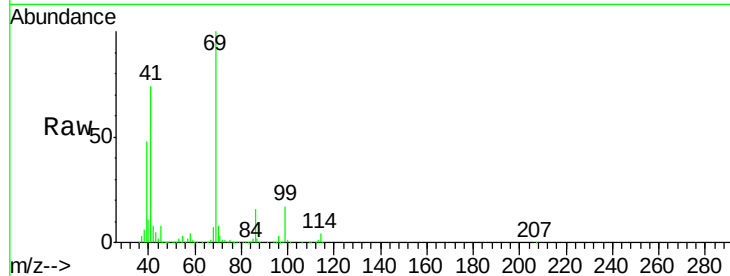
Tot Ion: 69 Resp: 614643

Ion Ratio Lower Upper

69 100

41 72.8 61.3 91.9

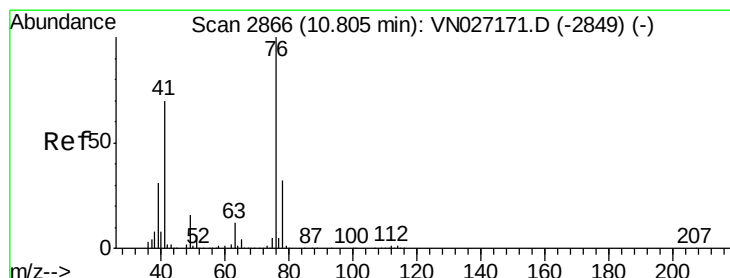
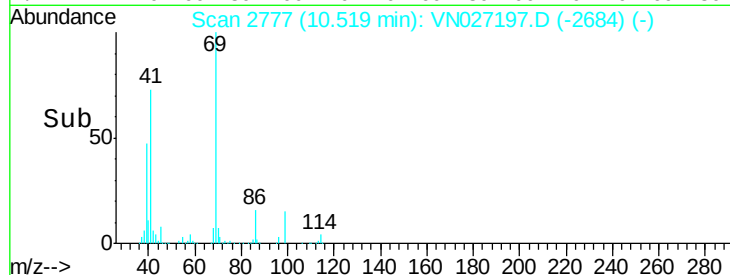
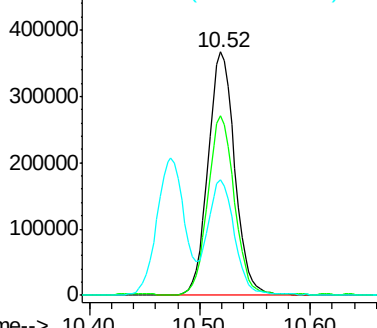
39 47.3 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

1,3-Dichloropropane

Concen: 47.35 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027197.D

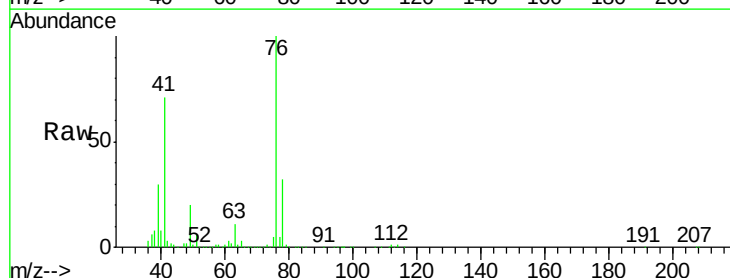
Acq: 16 Sep 2015 7:38

Tgt Ion: 76 Resp: 698500

Ion Ratio Lower Upper

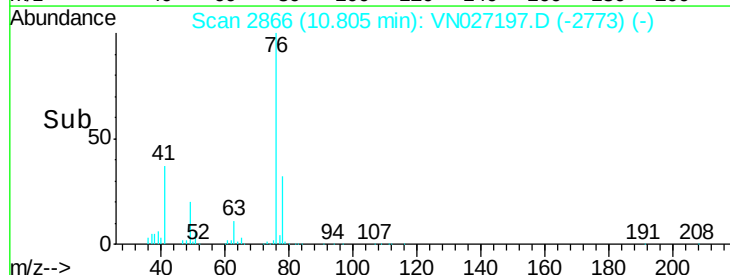
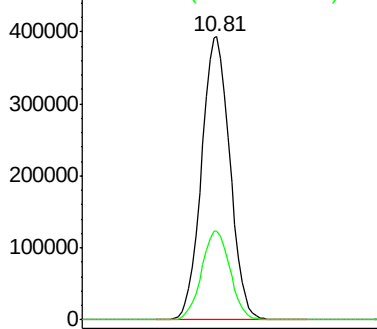
76 100

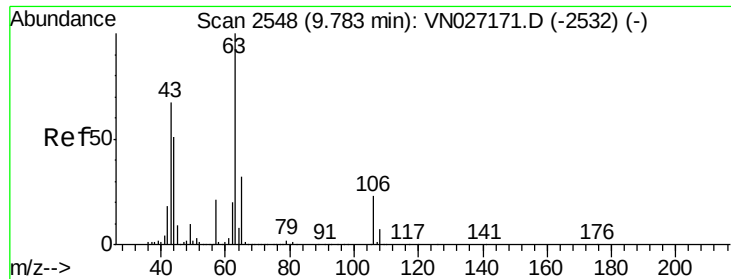
78 31.5 25.0 37.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

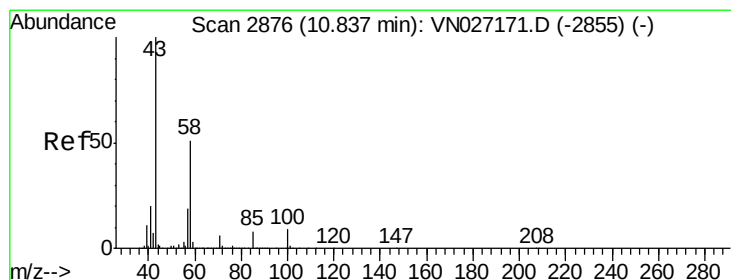
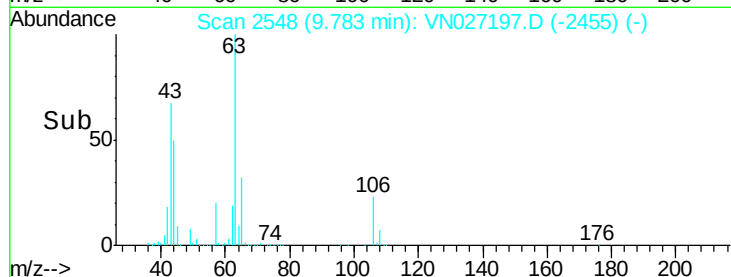
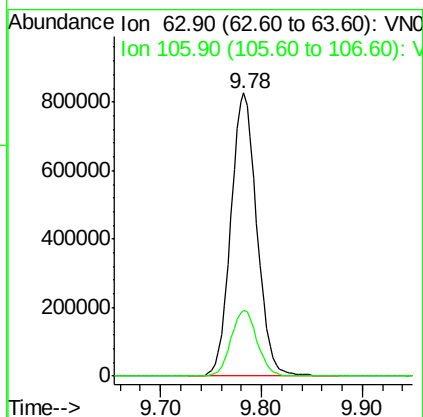
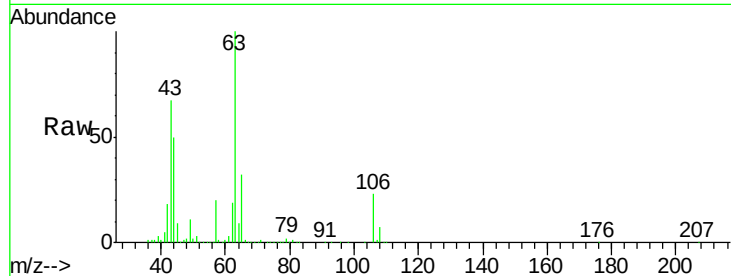




#59
 2-Chloroethyl Vinyl ether
 Concen: 240.61 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

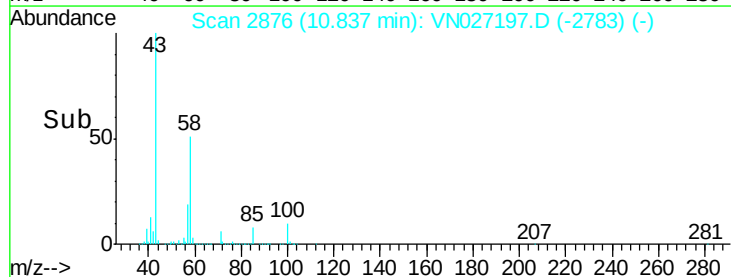
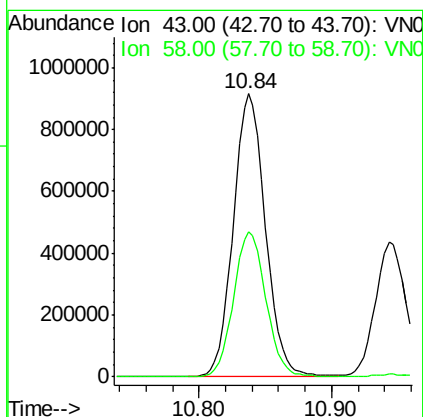
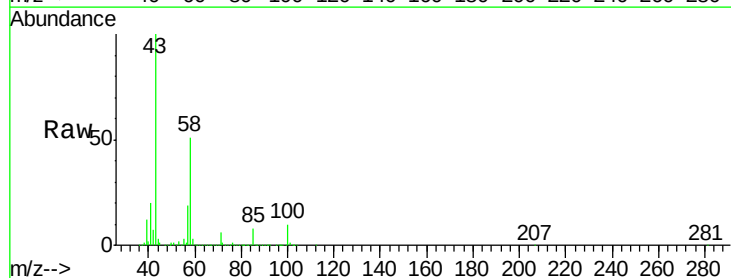
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

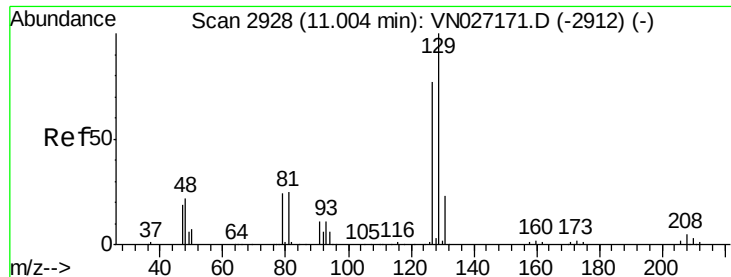
Tot Ion: 63 Resp: 1479563
 Ion Ratio Lower Upper
 63 100
 106 23.5 17.7 26.5



#60
 2-Hexanone
 Concen: 215.46 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion: 43 Resp: 1533480
 Ion Ratio Lower Upper
 43 100
 58 51.9 26.2 78.5

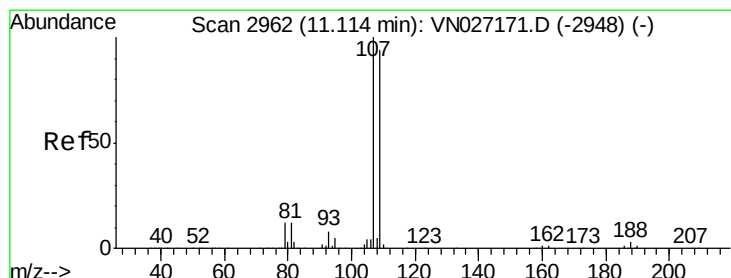
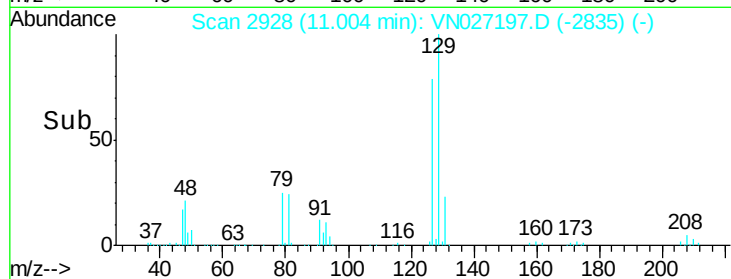
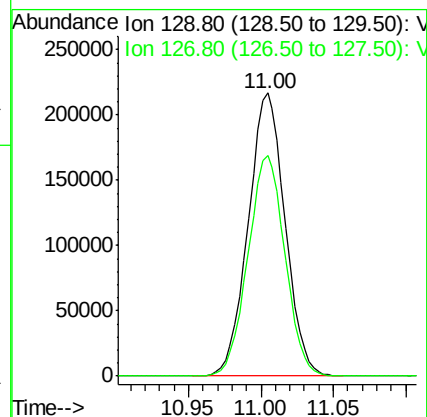
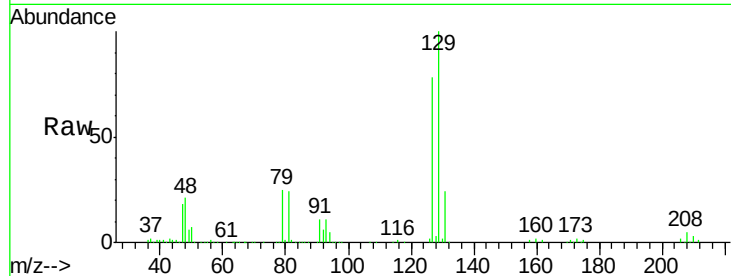




#61
 Dibromochloromethane
 Concen: 47.24 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

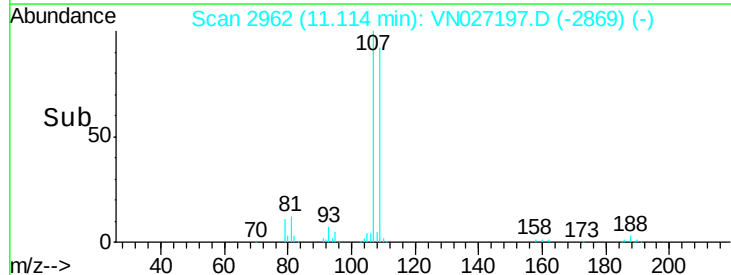
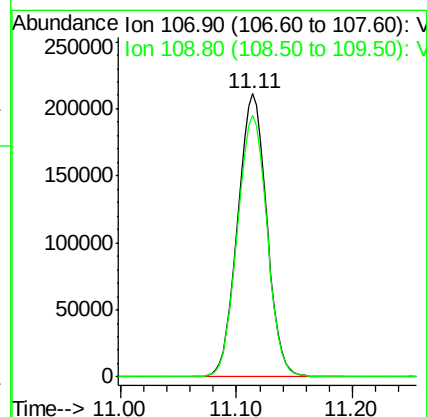
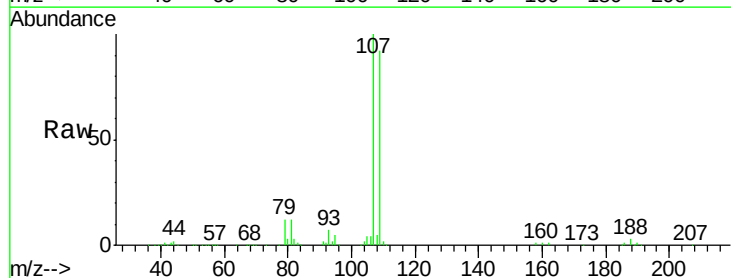
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

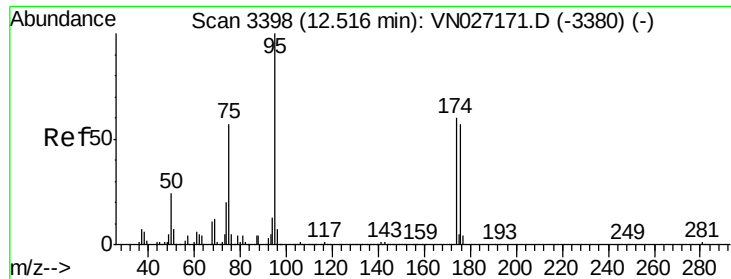
Tot Ion:129 Resp: 383360
 Ion Ratio Lower Upper
 129 100
 127 78.3 39.1 117.2



#62
 1,2-Dibromoethane
 Concen: 46.80 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion:107 Resp: 365492
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4

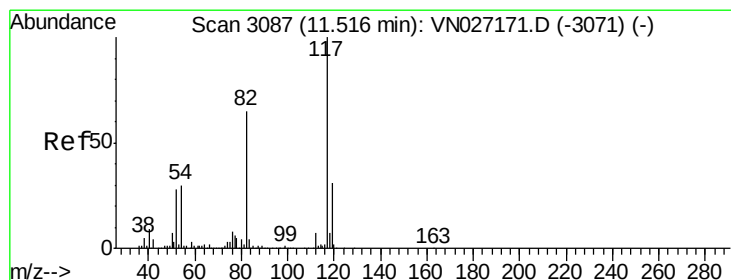
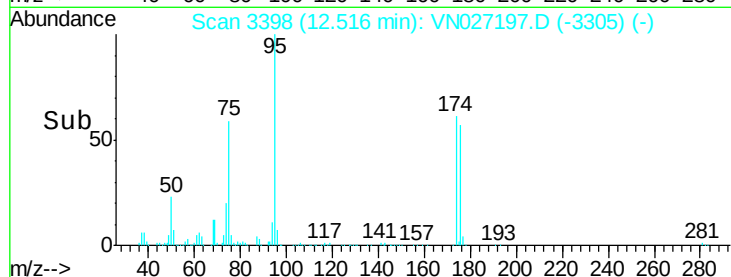
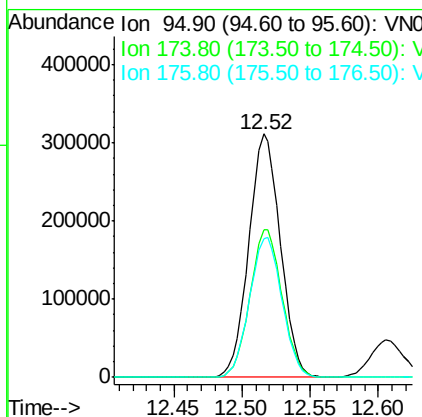
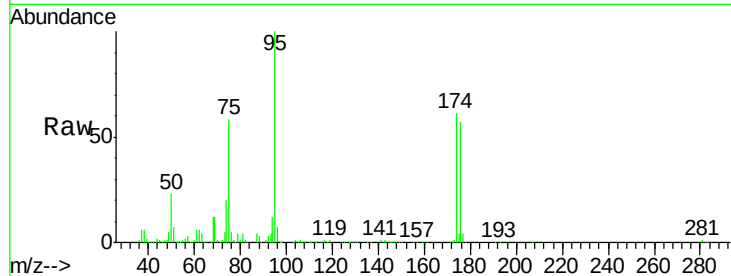




#63
4-Bromofluorobenzene
Concen: 49.22 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

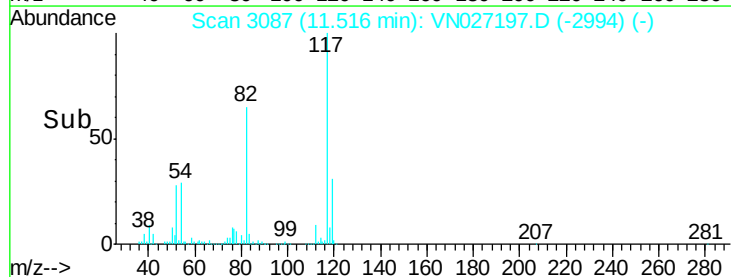
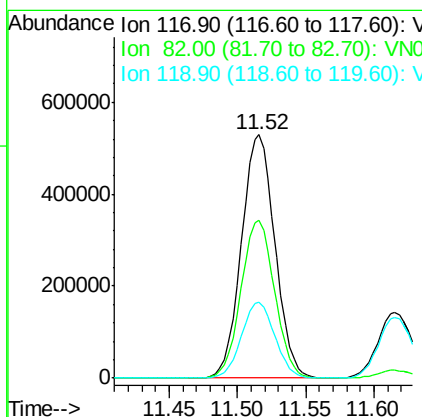
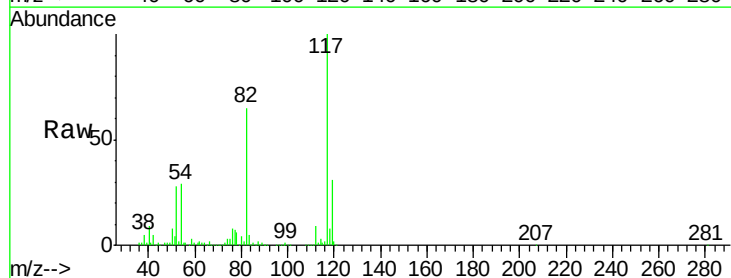
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

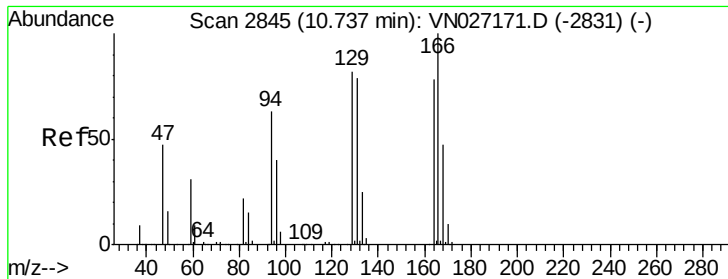
Tot Ion	Ratio	Lower	Upper
95	100		
174	61.7	0.0	137.0
176	58.9	0.0	130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.6	49.6	74.4
119	31.0	24.6	36.8

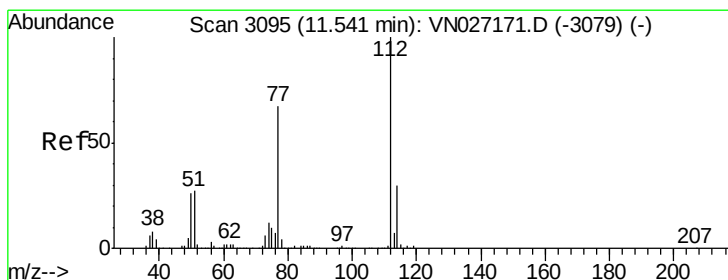
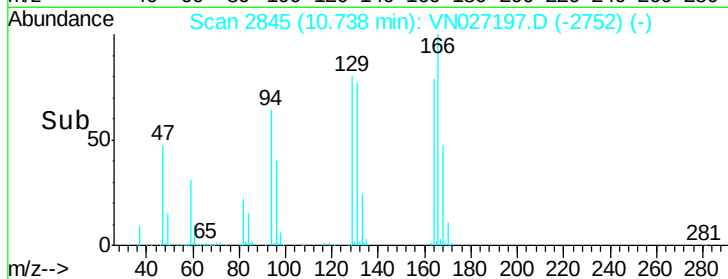
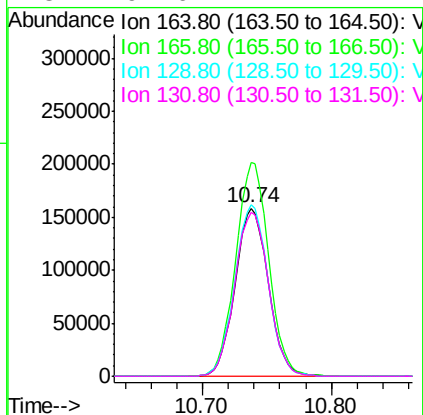
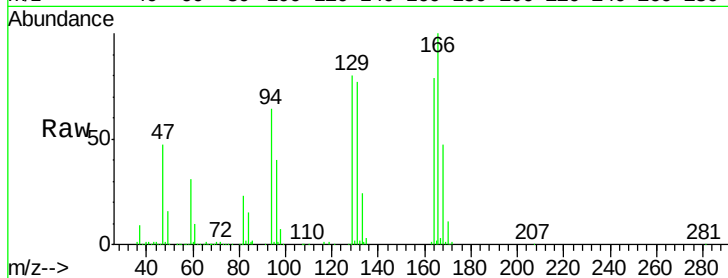




#65
Tetrachloroethene
Concen: 49.29 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

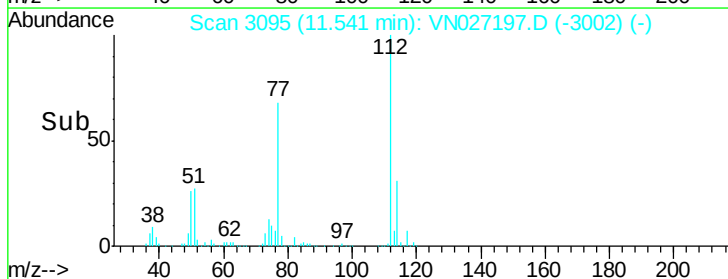
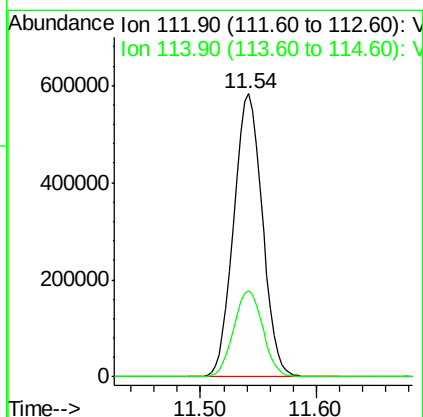
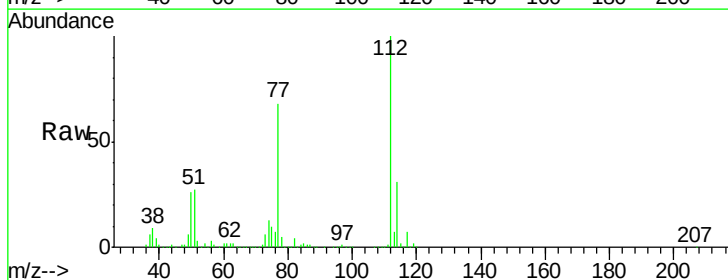
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

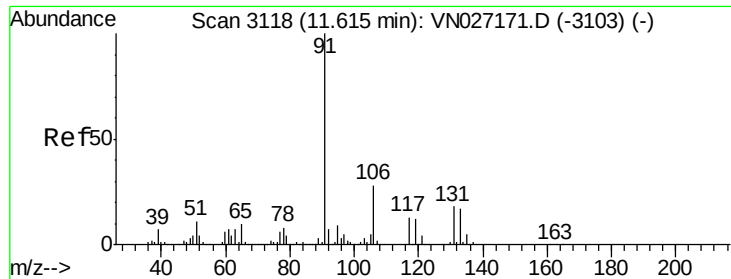
Tot Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.4	155.0
129	102.0	77.5	116.3
131	97.6	74.2	111.4



#66
Chlorobenzene
Concen: 46.72 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.6	24.9	37.3





#67

1,1,1,2-Tetrachloroethane

Concen: 47.97 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

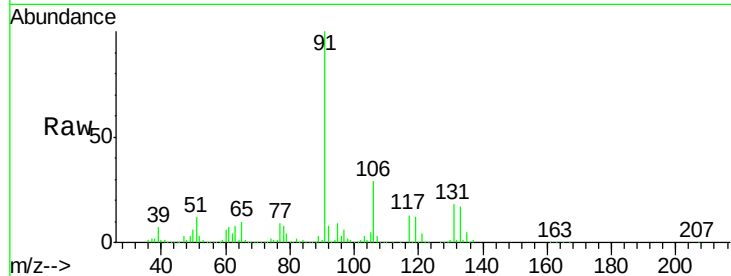
Tot Ion:131 Resp: 348600

Ion Ratio Lower Upper

131 100

133 93.5 47.0 141.2

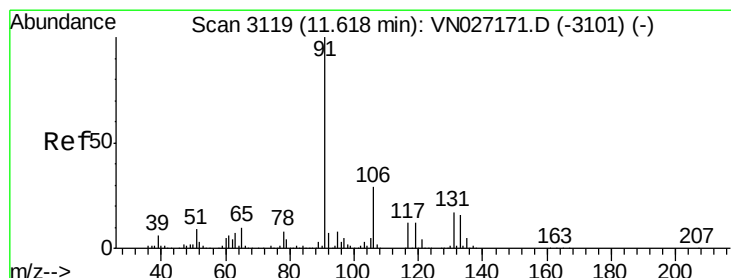
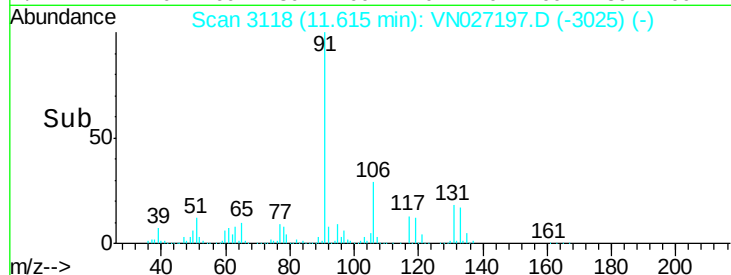
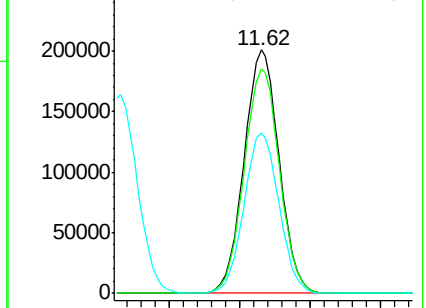
119 66.0 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 46.75 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027197.D

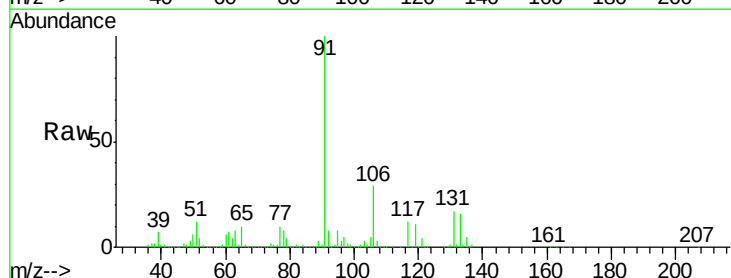
Acq: 16 Sep 2015 7:38

Tgt Ion: 91 Resp: 1888506

Ion Ratio Lower Upper

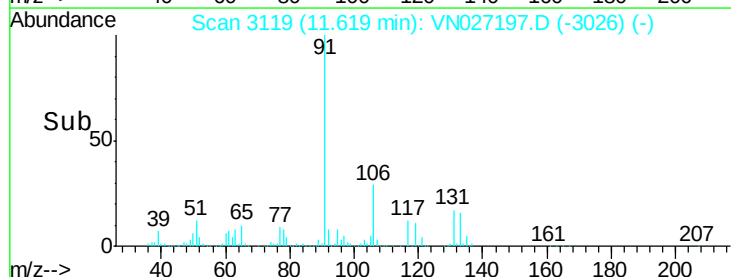
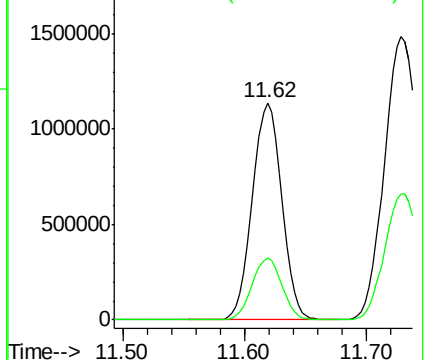
91 100

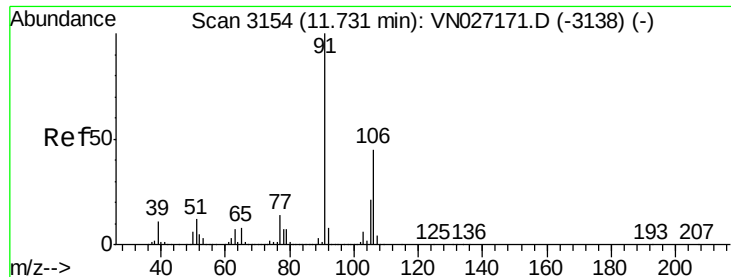
106 28.6 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

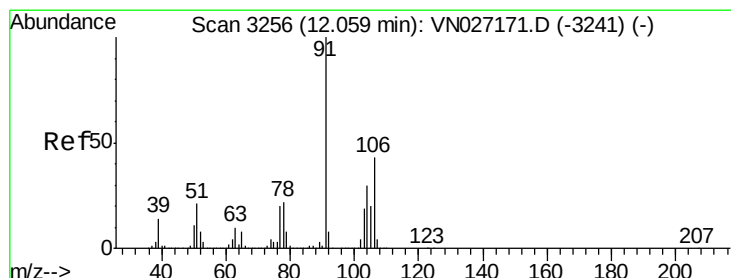
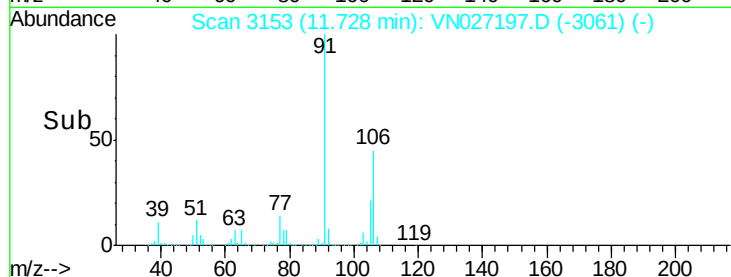
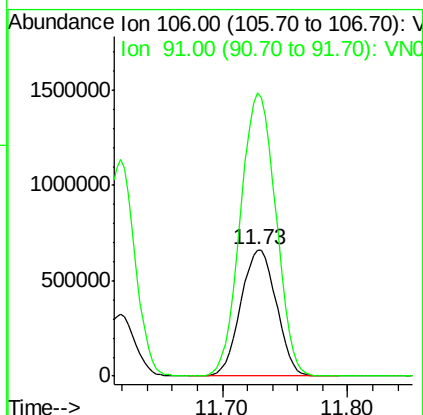
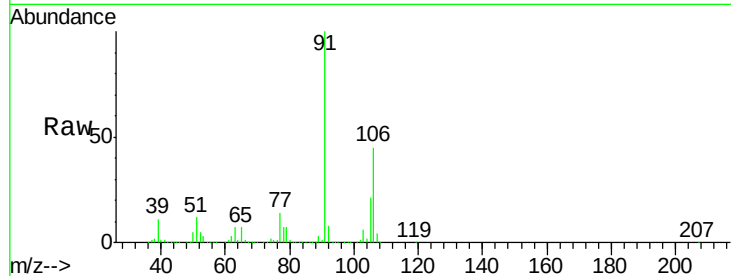




#69
m/p-Xylenes
Concen: 93.91 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

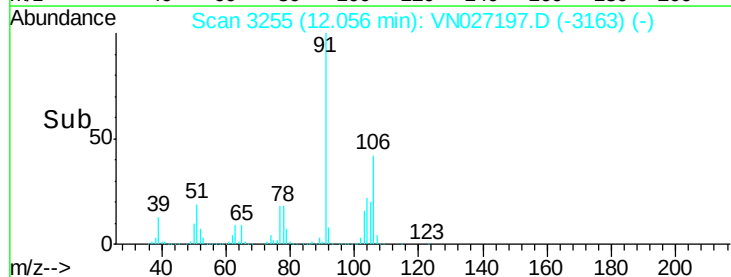
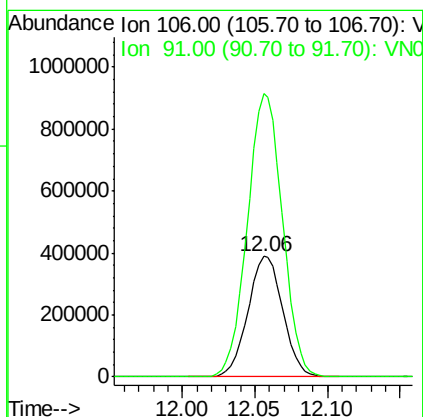
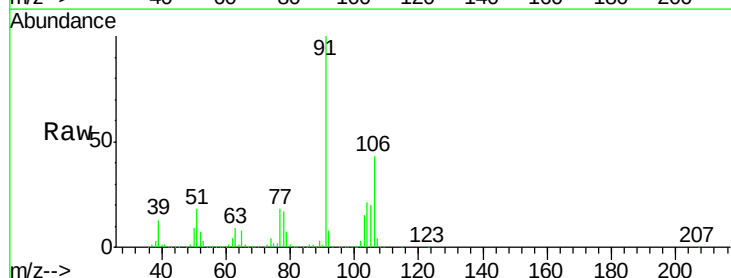
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

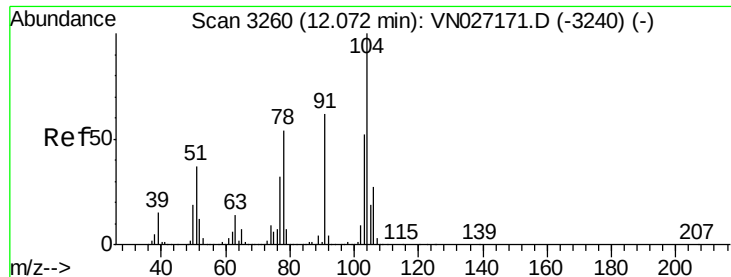
Tot Ion:106 Resp: 1308819
Ion Ratio Lower Upper
106 100
91 222.8 167.1 250.7



#70
o-Xylene
Concen: 46.71 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion:106 Resp: 652584
Ion Ratio Lower Upper
106 100
91 235.4 110.7 331.9





#71

Stvrene

Concen: 47.74 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

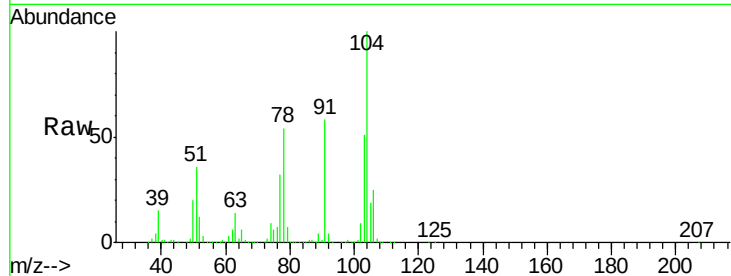
Tot Ion:104 Resp: 1076839

Ion Ratio Lower Upper

104 100

78 59.3 41.6 62.4

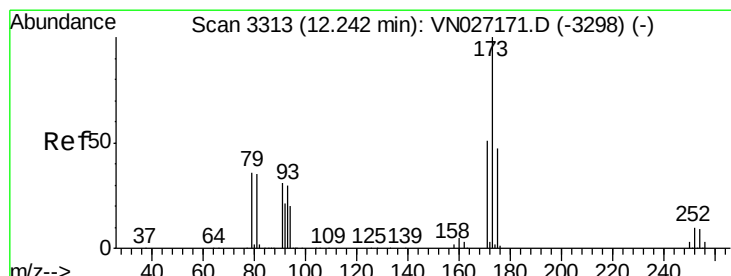
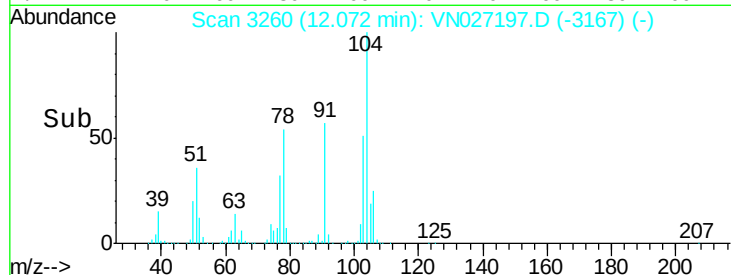
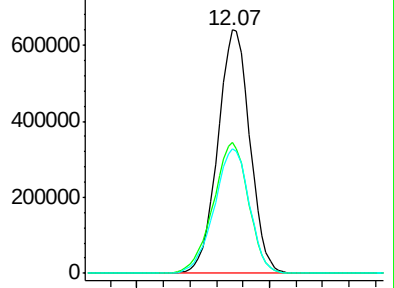
103 56.0 44.2 66.2



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: 46.28 ug/l

RT: 12.24 min Scan# 3312

Delta R.T. -0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

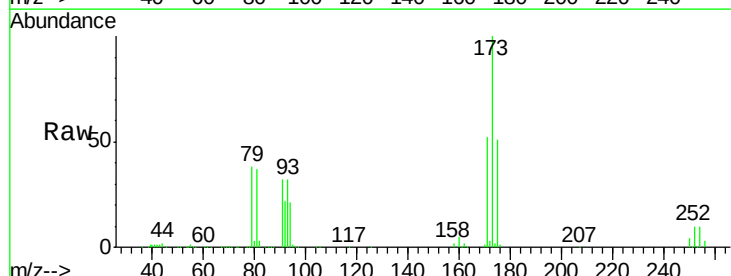
Tgt Ion:173 Resp: 233852

Ion Ratio Lower Upper

173 100

175 49.0 24.4 73.4

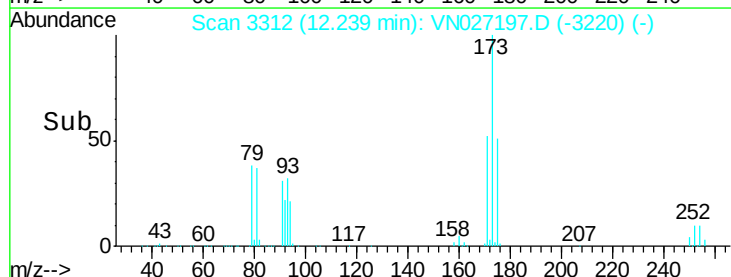
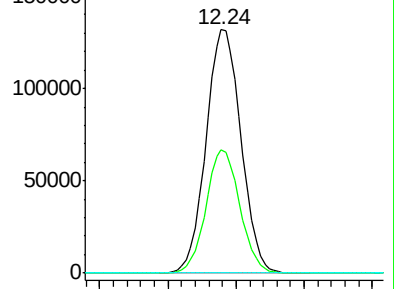
254 0.0 0.1 0.1#

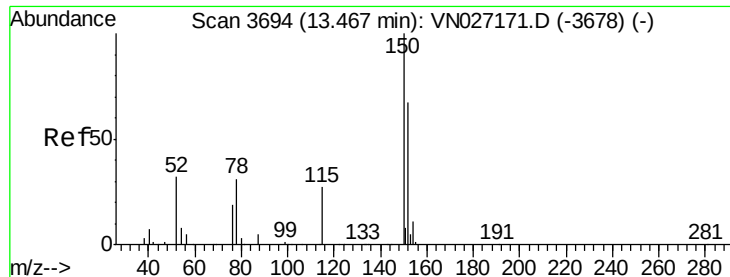


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

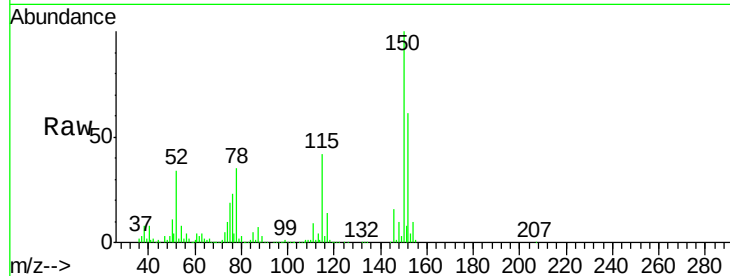
Tot Ion:152 Resp: 344777

Ion Ratio Lower Upper

152 100

115 67.5 30.8 92.3

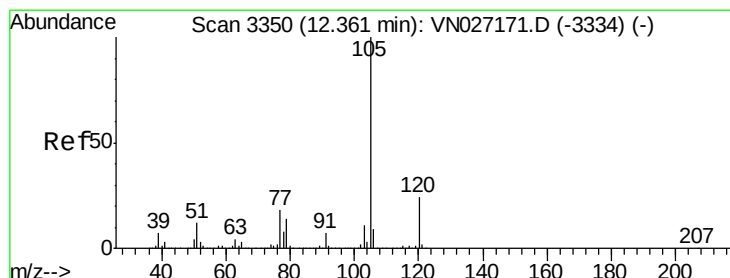
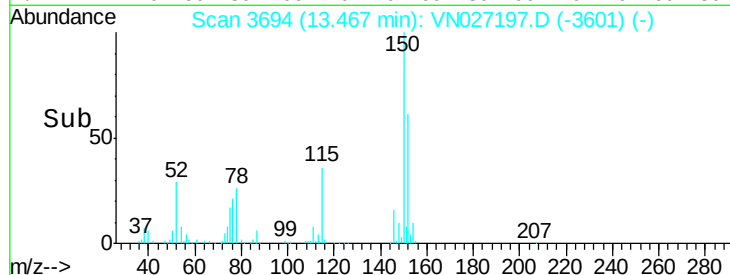
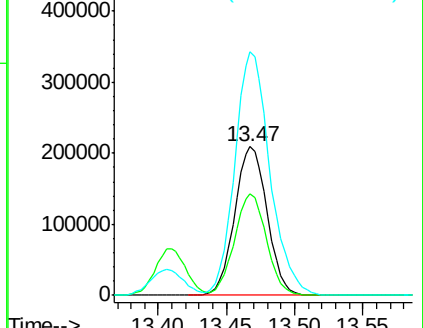
150 177.5 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

Isopropylbenzene

Concen: 46.30 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027197.D

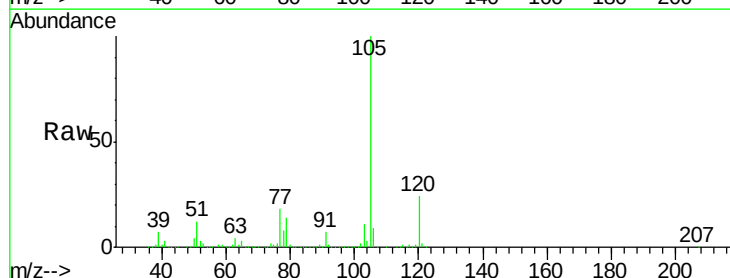
Acq: 16 Sep 2015 7:38

Tgt Ion:105 Resp: 1758917

Ion Ratio Lower Upper

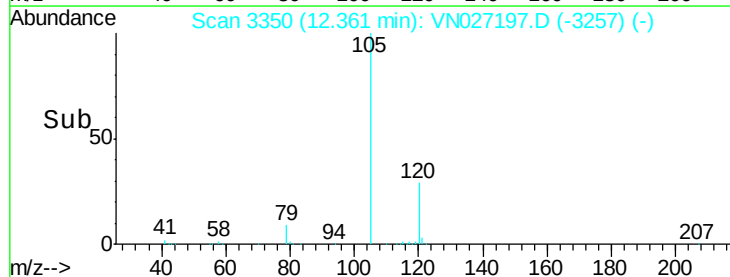
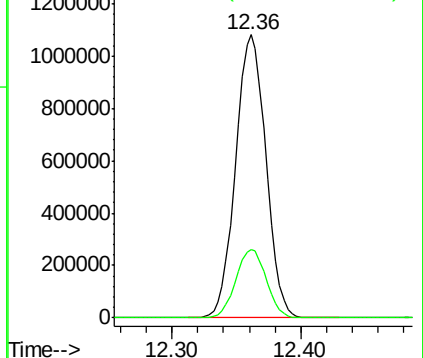
105 100

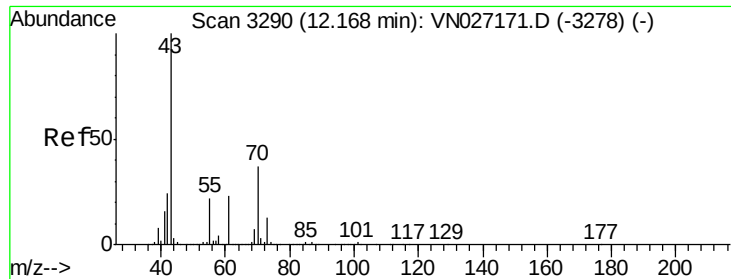
120 24.3 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-amyl acetate

Concen: 44.67 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 757388

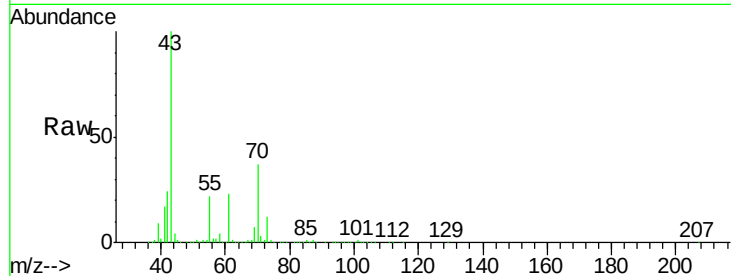
Ion Ratio Lower Upper

43 100

70 36.9 29.8 44.8

55 22.4 19.4 29.0

61 23.0 18.2 27.2

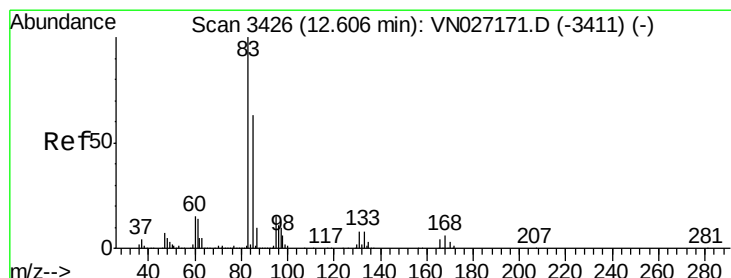
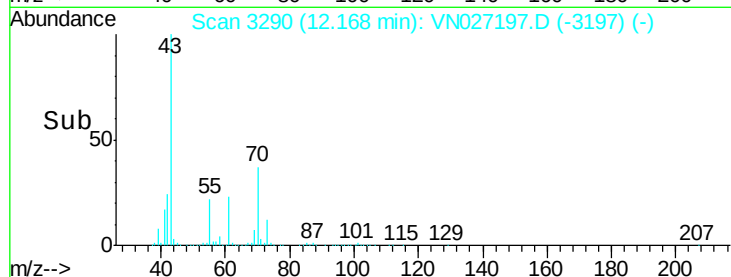
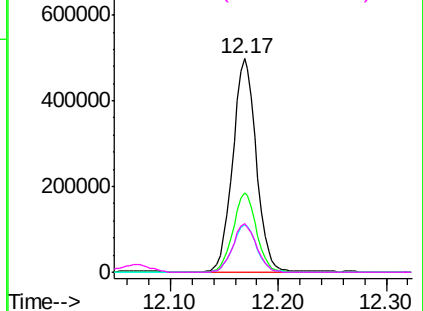


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 50.29 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

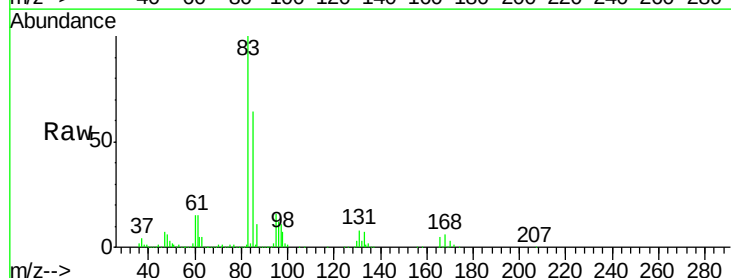
Tgt Ion: 83 Resp: 493064

Ion Ratio Lower Upper

83 100

131 8.5 4.1 12.3

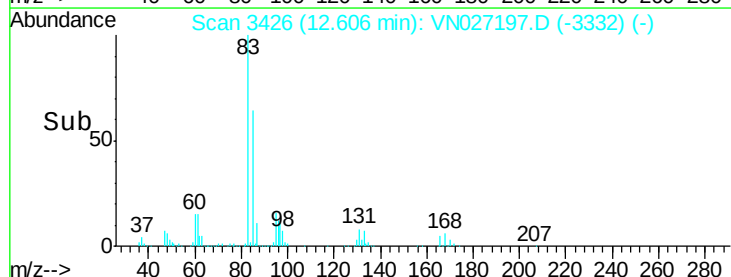
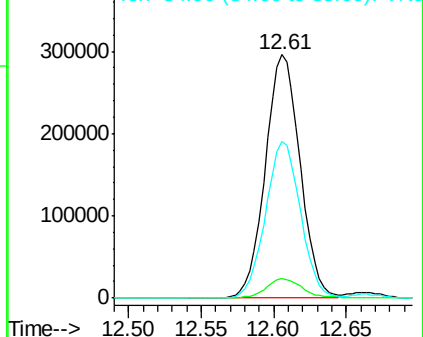
85 64.6 31.9 95.7

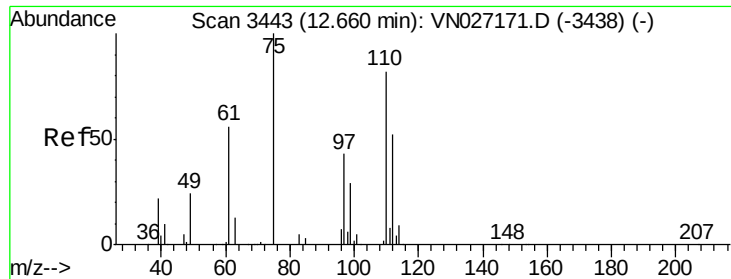


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 65.28 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

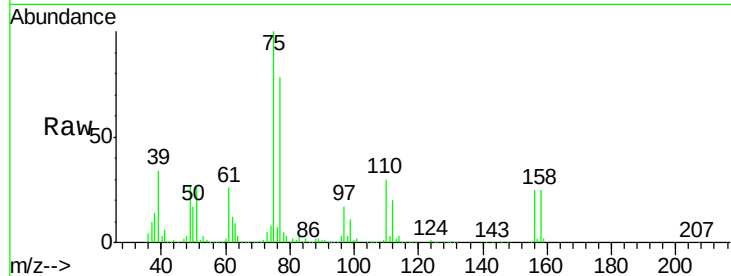
VSTDCCC050EC

Tot Ion: 75 Resp: 680196

Ion Ratio Lower Upper

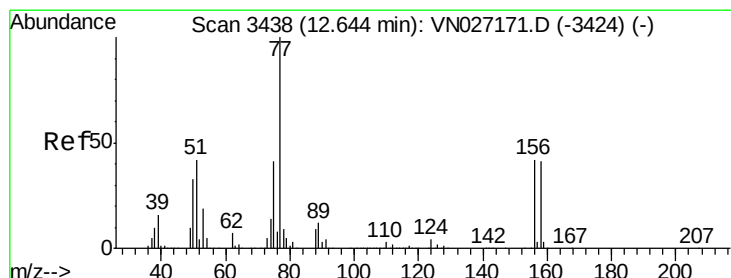
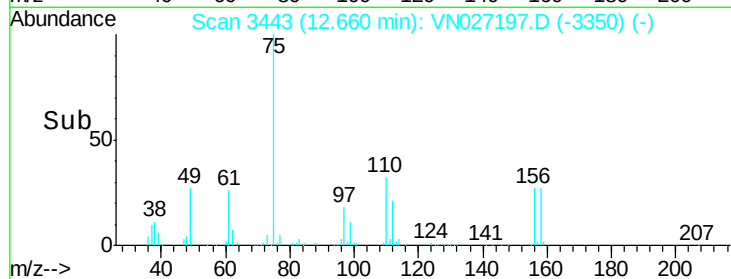
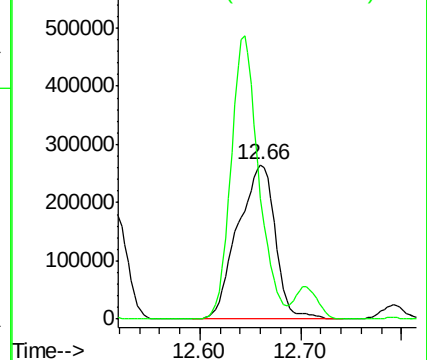
75 100

77 136.6 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

Bromobenzene

Concen: 46.31 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

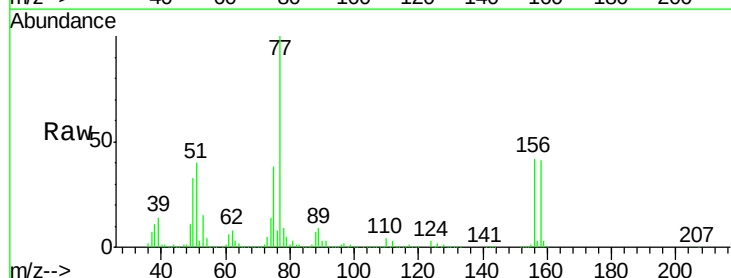
Tgt Ion: 156 Resp: 344999

Ion Ratio Lower Upper

156 100

77 269.4 127.3 381.9

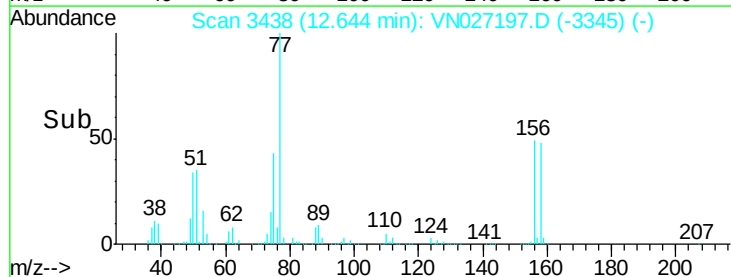
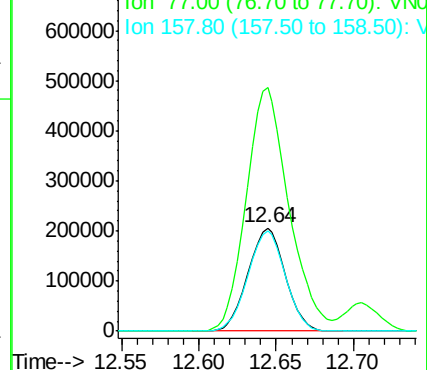
158 98.0 48.0 144.2

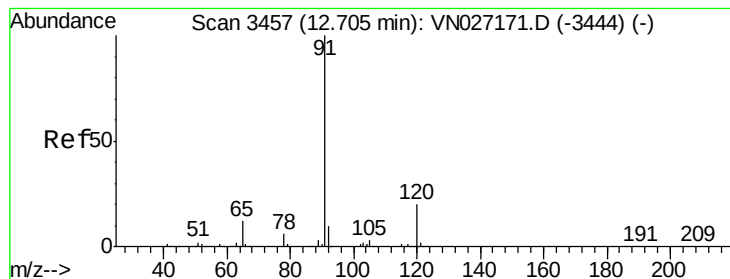


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#79

n-propylbenzene

Concen: 46.62 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

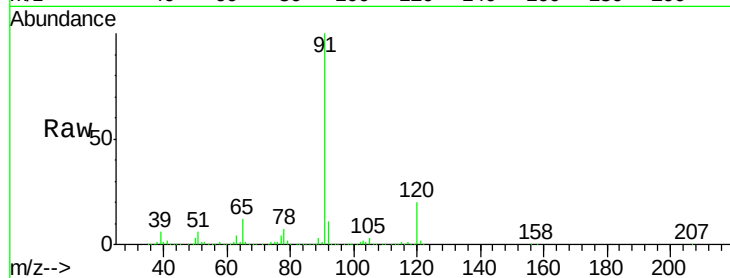
VSTDCCC050EC

Tot Ion: 91 Resp: 2083909

Ion Ratio Lower Upper

91 100

120 19.5 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

1500000

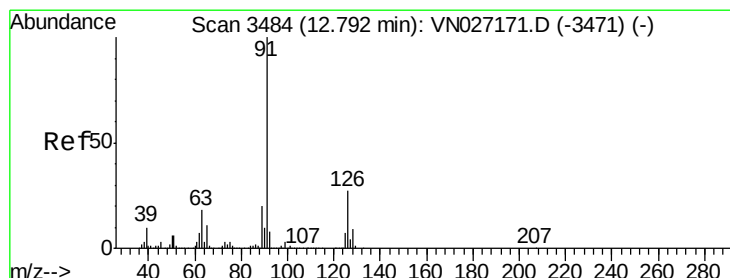
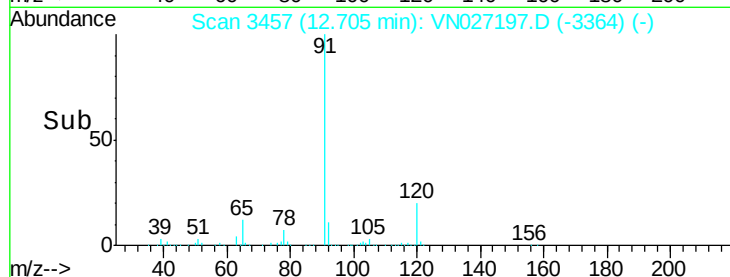
1000000

500000

0

12.65 12.70 12.75

Time-->



#80

2-Chlorotoluene

Concen: 47.09 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027197.D

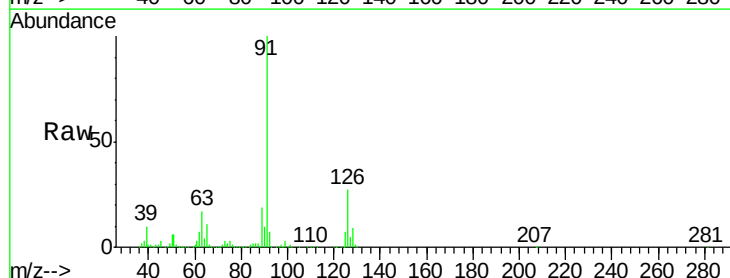
Acq: 16 Sep 2015 7:38

Tgt Ion: 91 Resp: 1263889

Ion Ratio Lower Upper

91 100

126 27.4 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

1000000

800000

600000

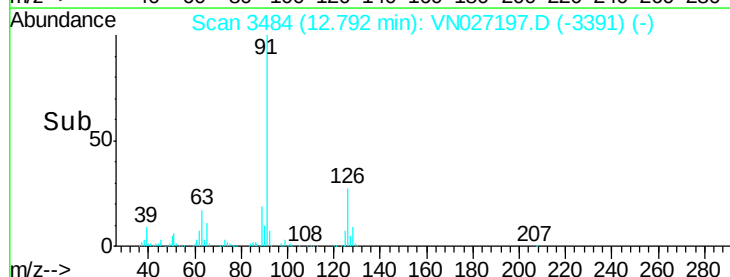
400000

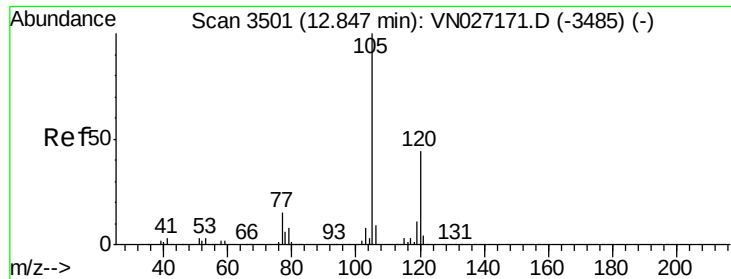
200000

0

12.75 12.80

Time-->





#81

1,3,5-Trimethylbenzene

Concen: 46.39 ug/l

RT: 12.85 min Scan# 3501

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

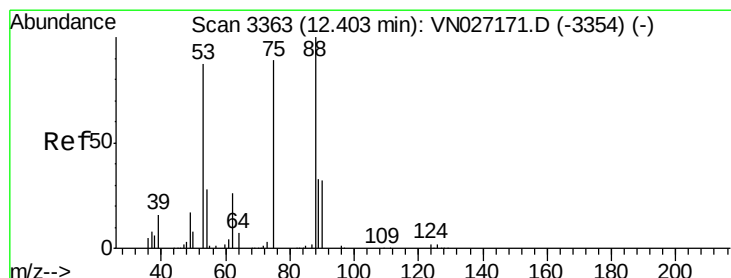
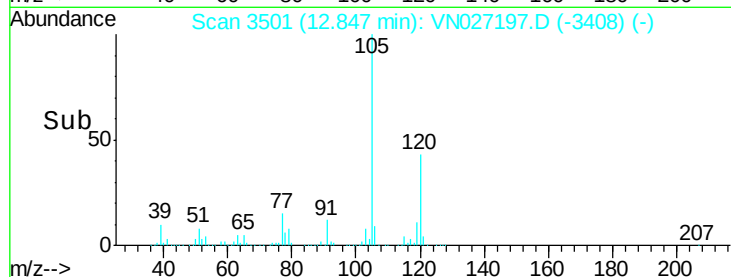
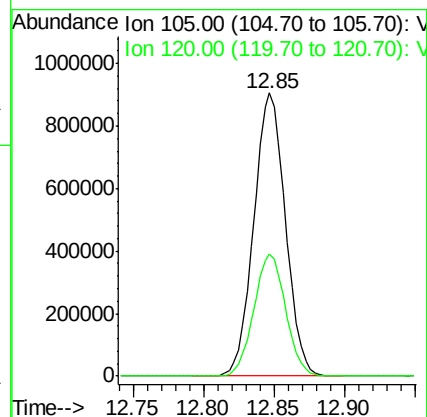
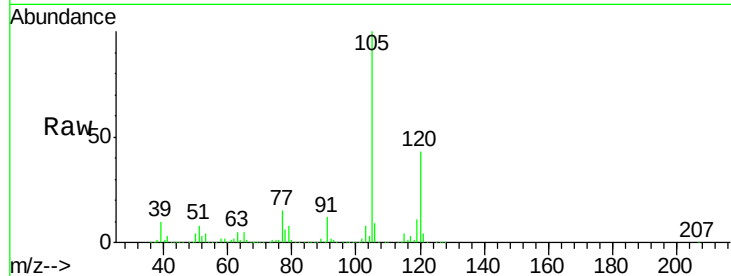
VSTDCCC050EC

Tot Ion:105 Resp: 1415871

Ion Ratio Lower Upper

105 100

120 43.3 23.4 70.0



#82

trans-1,4-Dichloro-2-butene

Concen: 38.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

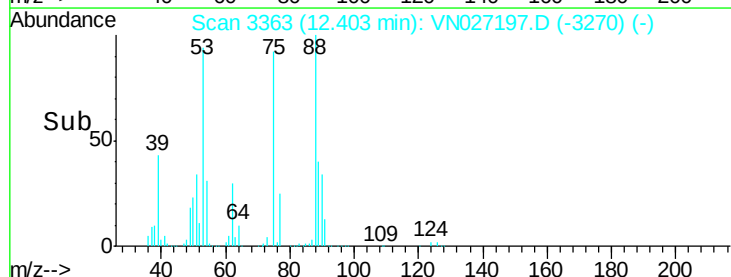
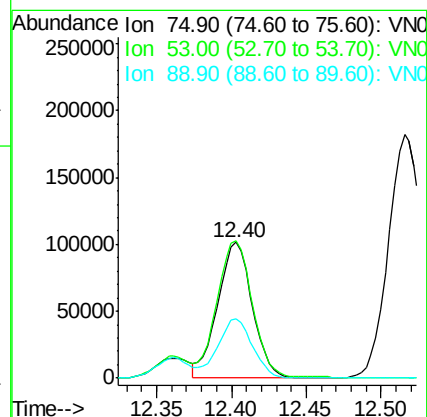
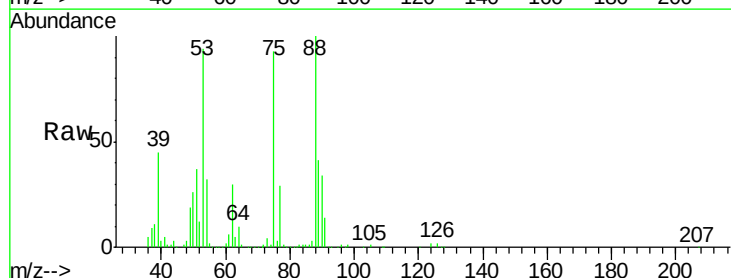
Tgt Ion: 75 Resp: 162724

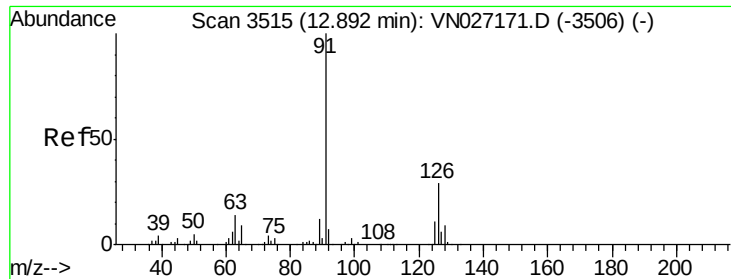
Ion Ratio Lower Upper

75 100

53 104.5 92.9 139.3

89 44.0 34.2 51.4

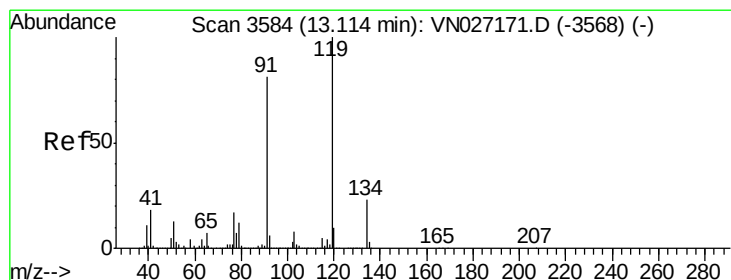
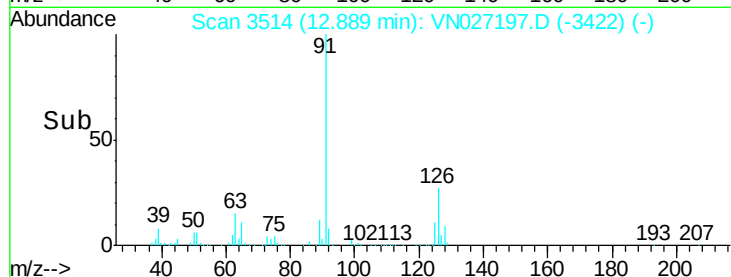
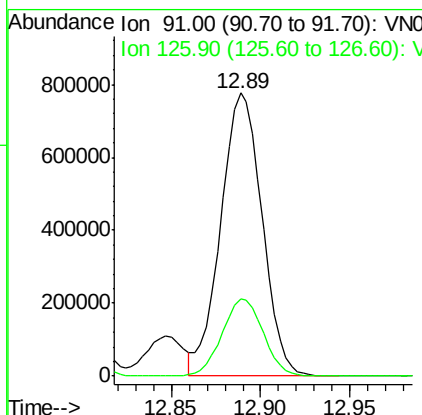
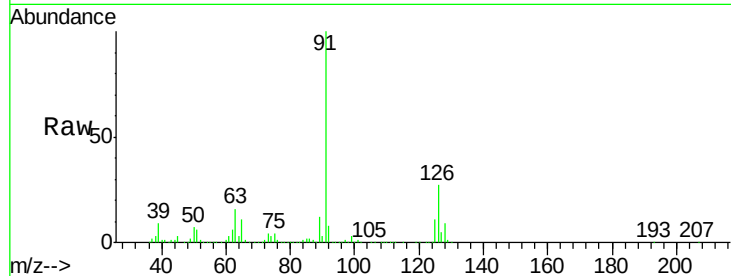




#83
4-Chlorotoluene
Concen: 47.23 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

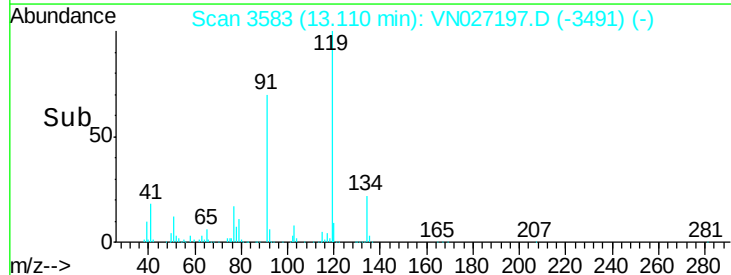
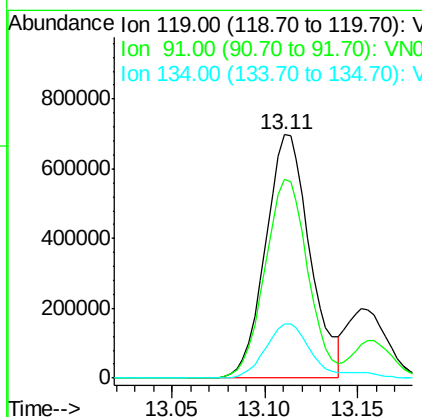
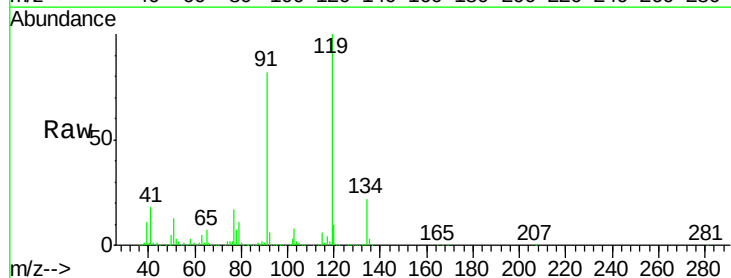
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

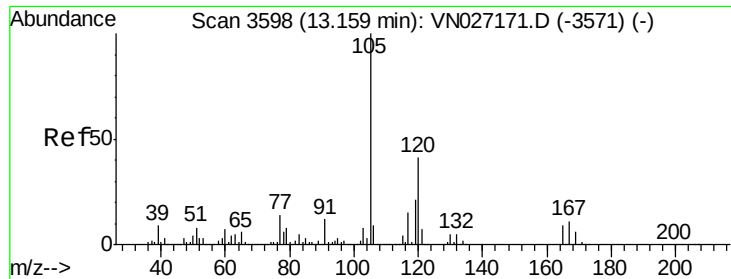
Tot Ion: 91 Resp: 1245535
Ion Ratio Lower Upper
91 100
126 27.3 14.9 44.5



#84
tert-Butylbenzene
Concen: 46.26 ug/l
RT: 13.11 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion: 119 Resp: 1165017
Ion Ratio Lower Upper
119 100
91 79.2 34.6 103.8
134 22.3 11.4 34.2

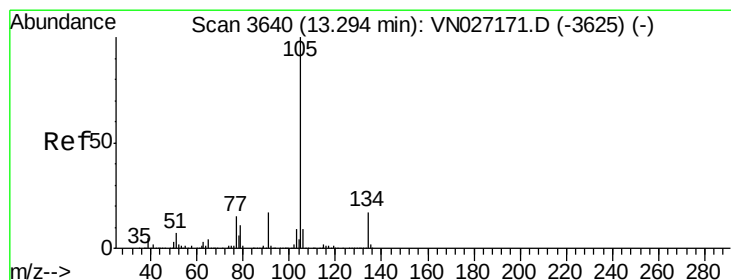
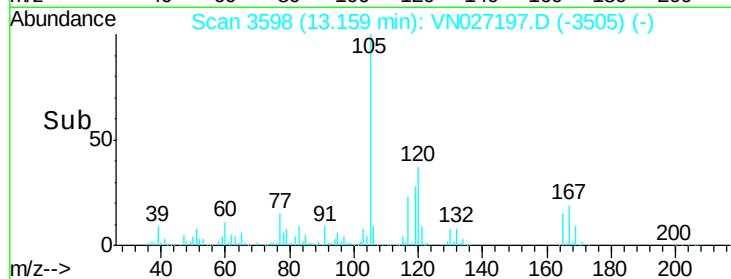
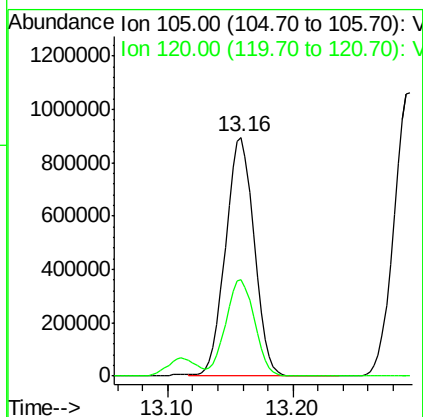
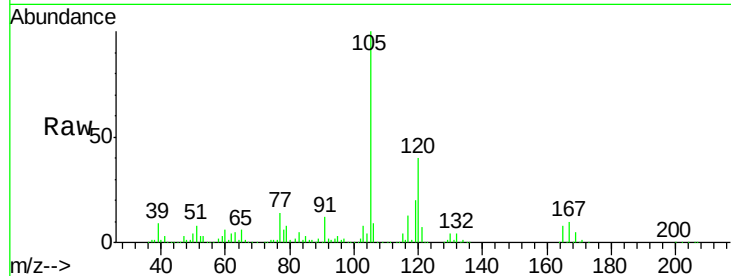




#85
 1,2,4-Trimethylbenzene
 Concen: 46.11 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

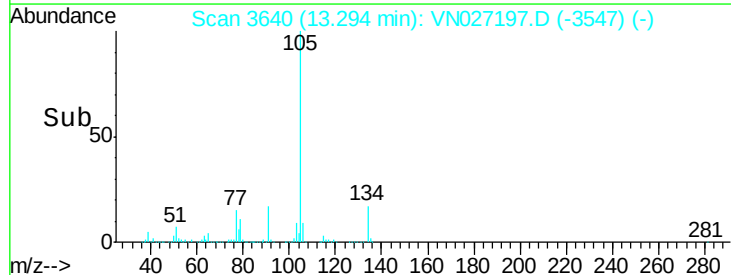
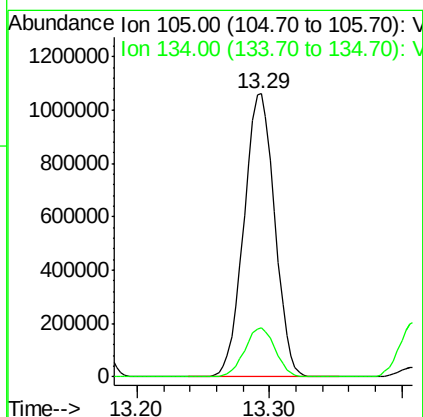
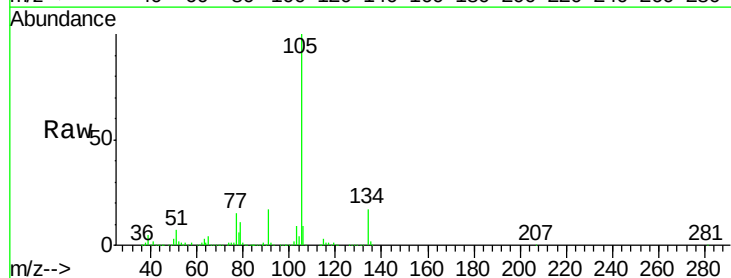
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

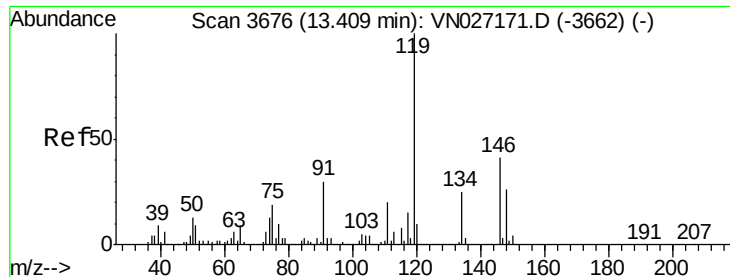
Tot Ion:105 Resp: 1413463
 Ion Ratio Lower Upper
 105 100
 120 40.8 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 46.40 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion:105 Resp: 1711737
 Ion Ratio Lower Upper
 105 100
 134 17.3 8.8 26.4

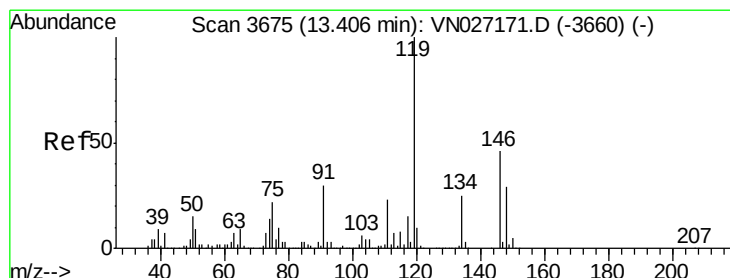
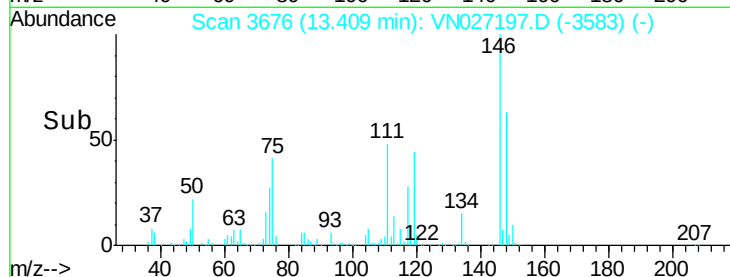
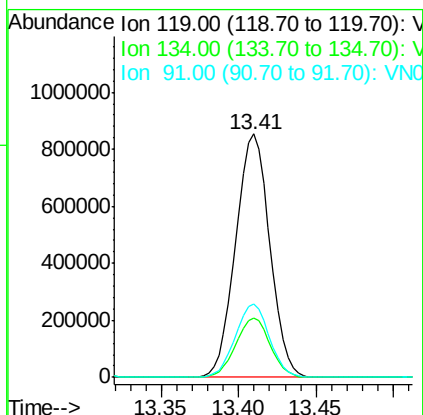
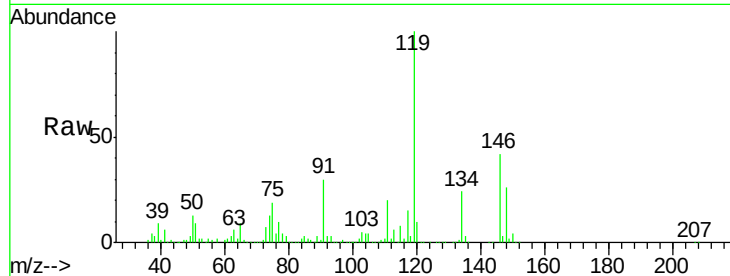




#87
 p-Isopropyltoluene
 Concen: 45.99 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

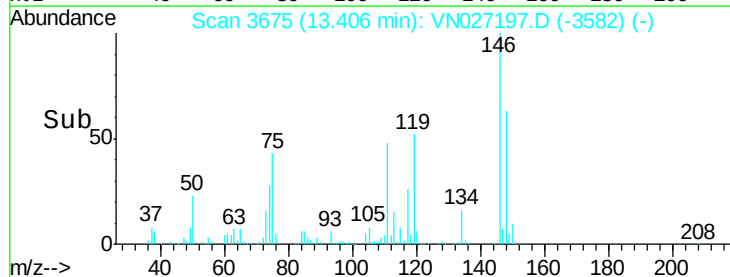
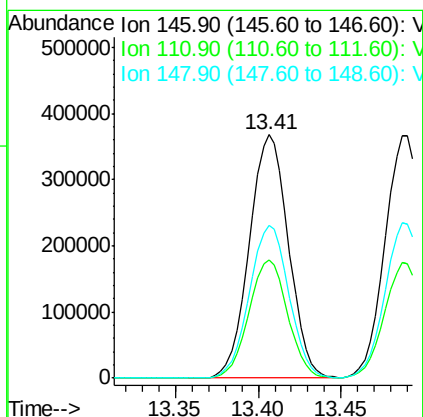
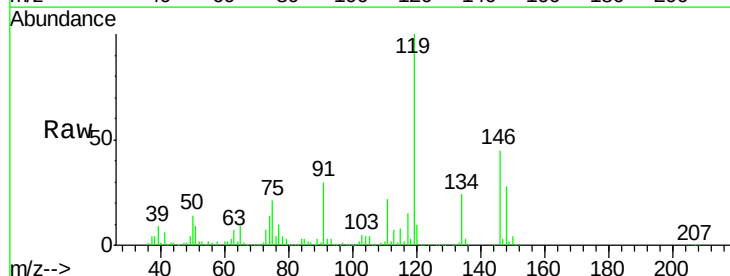
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

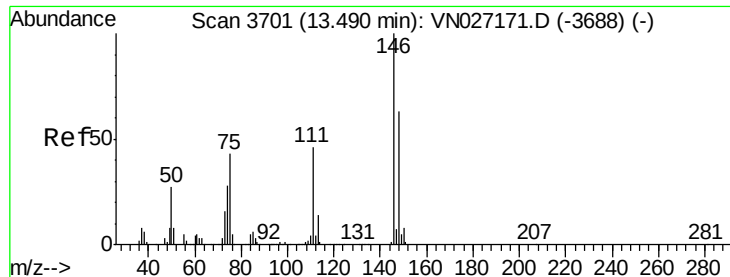
Tot Ion:119 Resp: 1306893
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.4 37.0
 91 29.9 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 47.25 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion:146 Resp: 602384
 Ion Ratio Lower Upper
 146 100
 111 48.2 21.0 63.0
 148 63.4 31.9 95.9

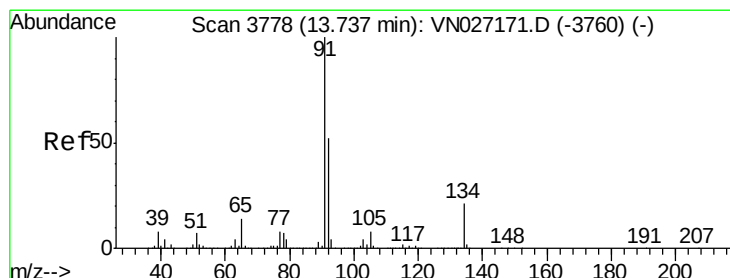
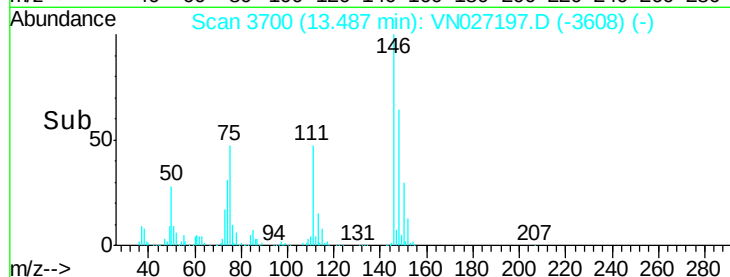
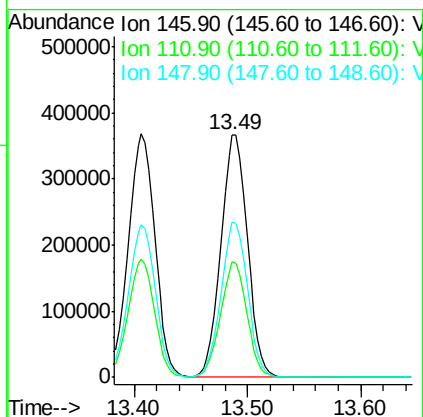
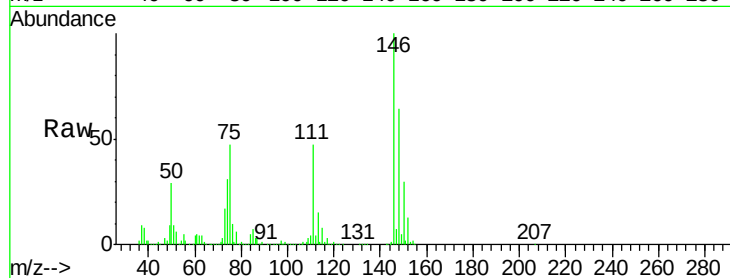




#89
 1,4-Dichlorobenzene
 Concen: 46.33 ug/l
 RT: 13.49 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

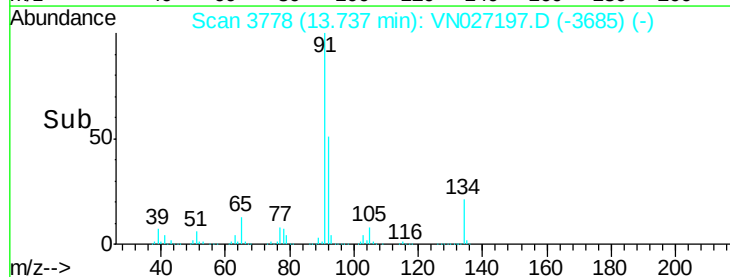
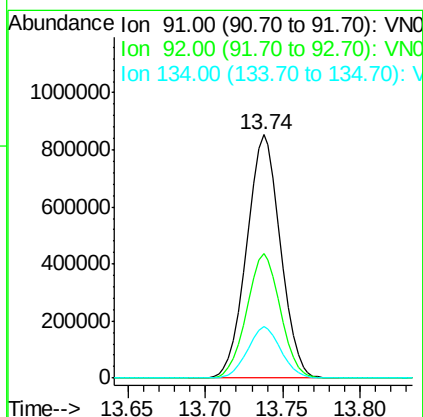
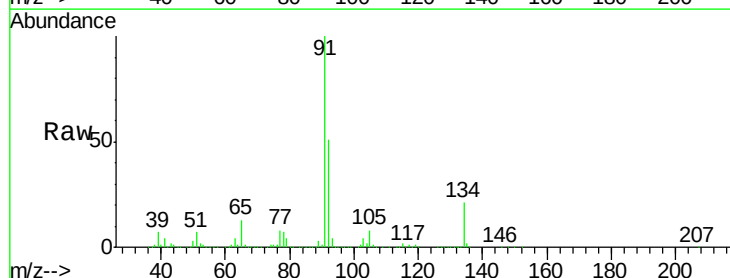
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

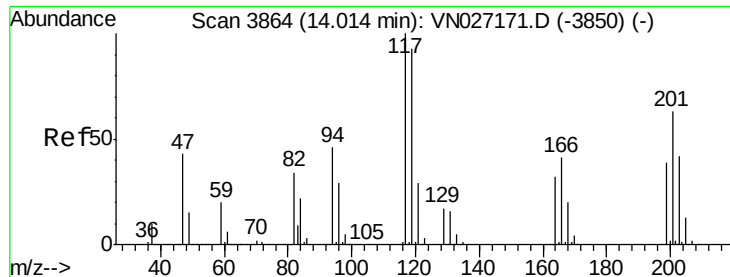
Tot Ion	Ratio	Lower	Upper
146	100		
111	47.1	19.9	59.6
148	64.2	31.7	95.1



#90
 n-Butylbenzene
 Concen: 46.90 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027197.D
 Acq: 16 Sep 2015 7:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.1	78.2
134	21.0	11.1	33.1

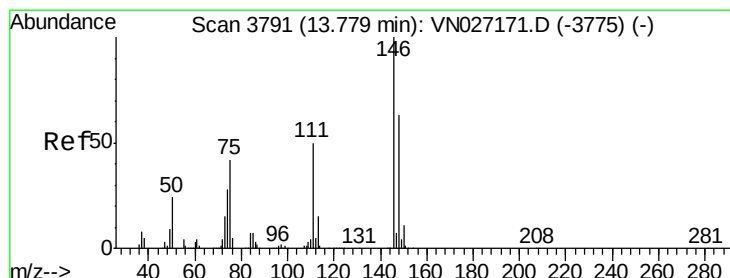
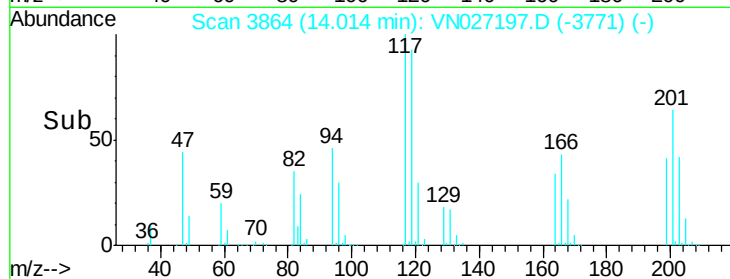
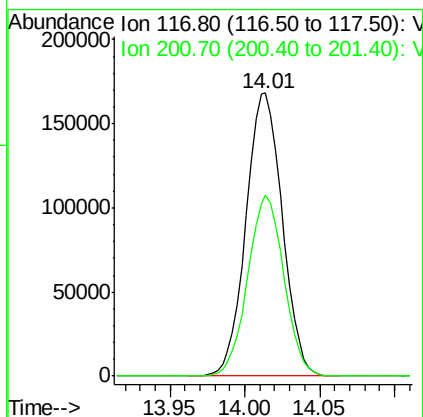
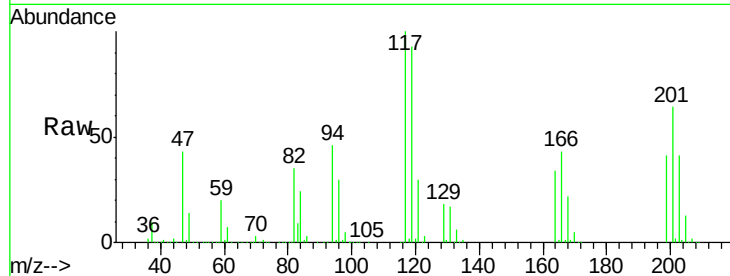




#91
Hexachloroethane
Concen: 45.84 ug/l
RT: 14.01 min Scan# 3864
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

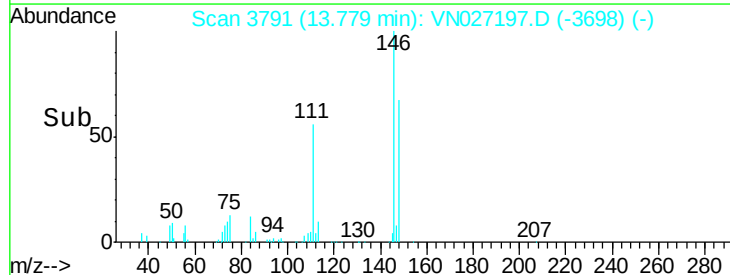
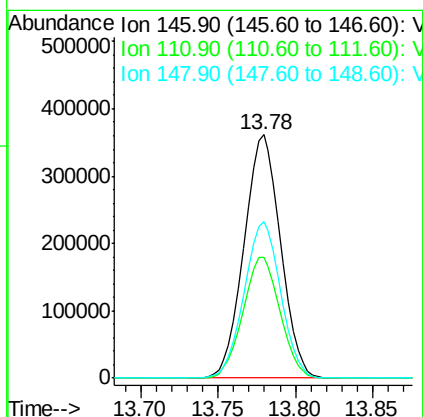
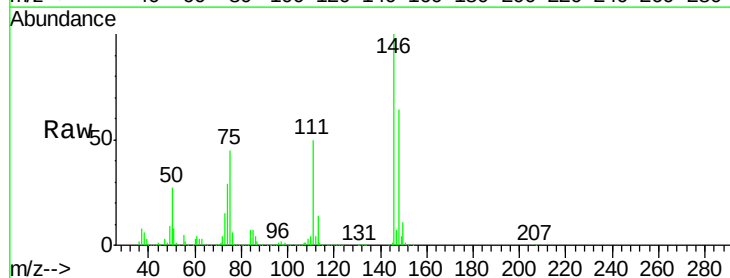
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

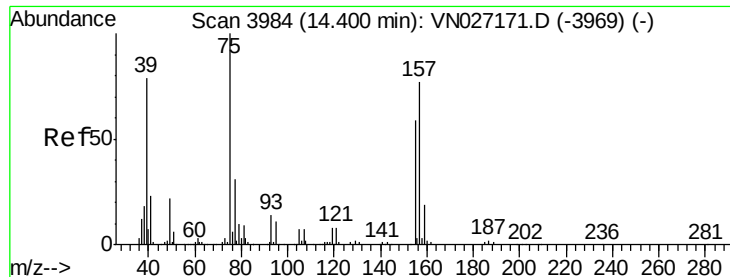
Tot Ion:117 Resp: 285079
Ion Ratio Lower Upper
117 100
201 63.3 34.9 104.7



#92
1,2-Dichlorobenzene
Concen: 47.17 ug/l
RT: 13.78 min Scan# 3791
Delta R.T. 0.00 min
Lab File: VN027197.D
Acq: 16 Sep 2015 7:38

Tgt Ion:146 Resp: 594261
Ion Ratio Lower Upper
146 100
111 50.4 22.1 66.3
148 64.4 32.0 96.0





#93

1,2-Dibromo-3-Chloropropane

Concen: 46.56 ug/l

RT: 14.40 min Scan# 3983

Delta R.T. -0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

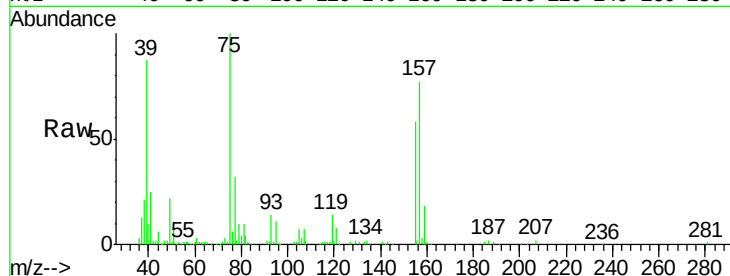
Tot Ion: 75 Resp: 101230

Ion Ratio Lower Upper

75 100

155 59.4 35.6 106.9

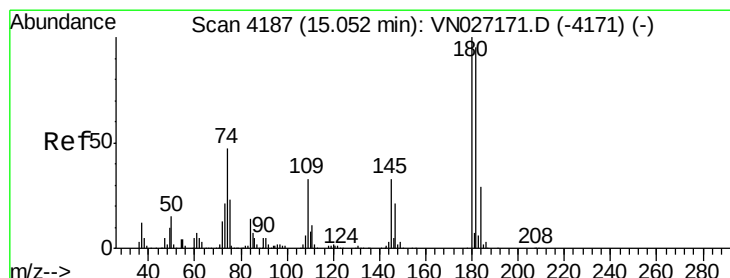
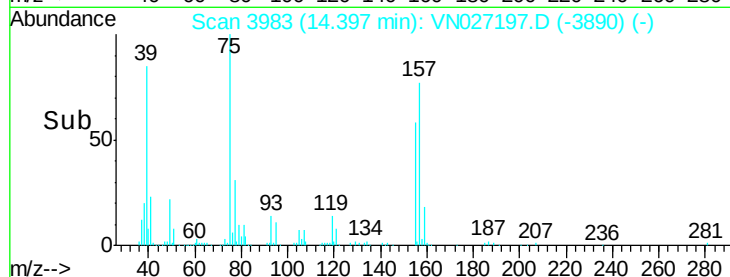
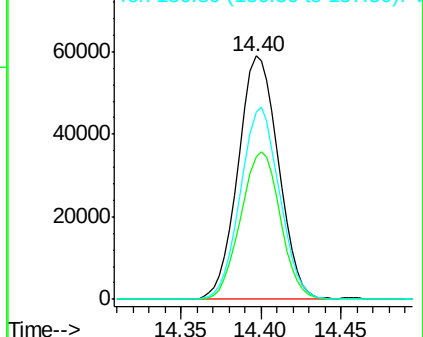
157 76.5 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#94

1,2,4-Trichlorobenzene

Concen: 48.22 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

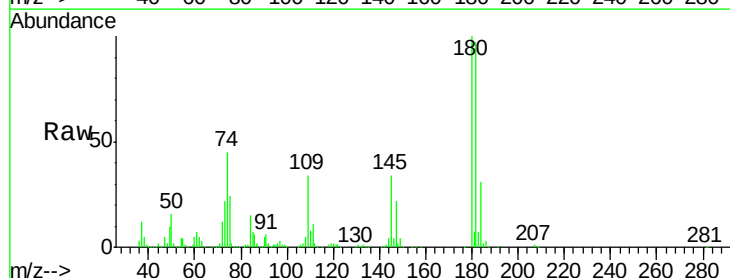
Tgt Ion: 180 Resp: 328223

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

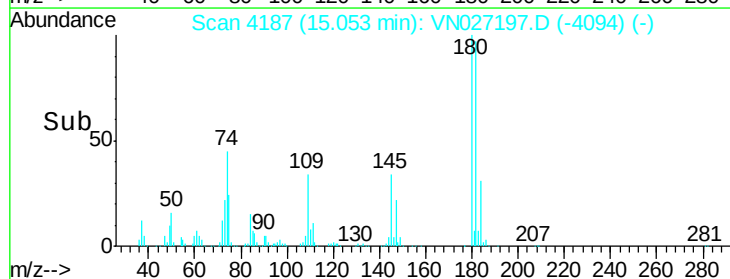
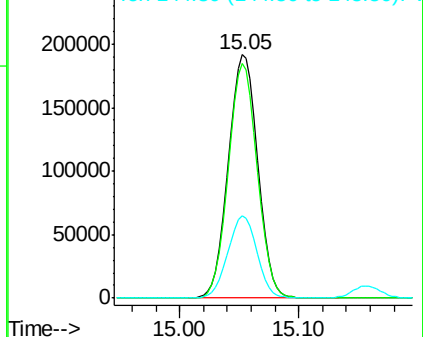
145 33.6 15.1 45.3

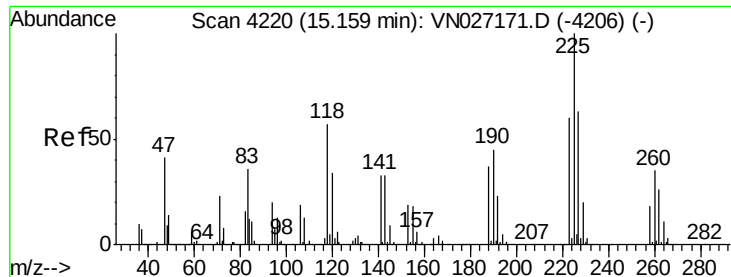


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Hexachlorobutadiene

Concen: 44.41 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

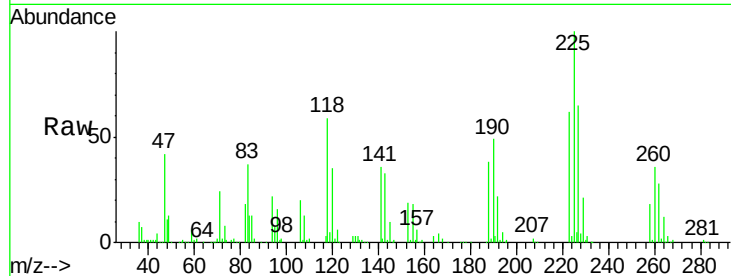
Tot Ion:225 Resp: 159187

Ion Ratio Lower Upper

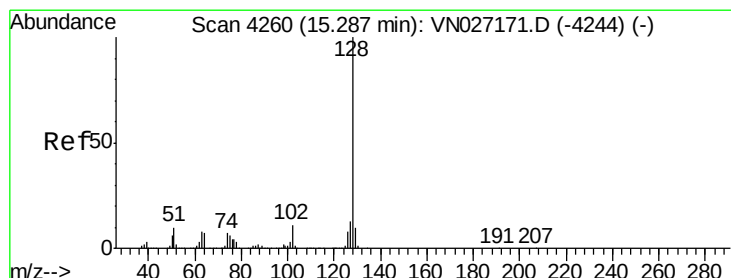
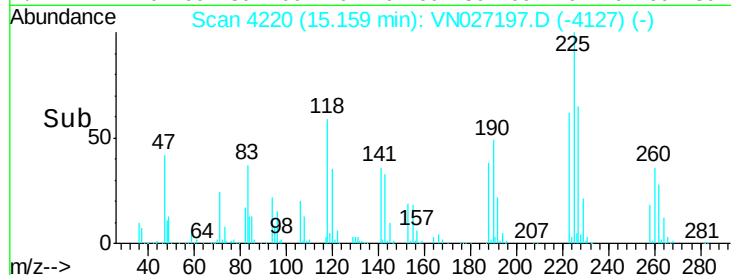
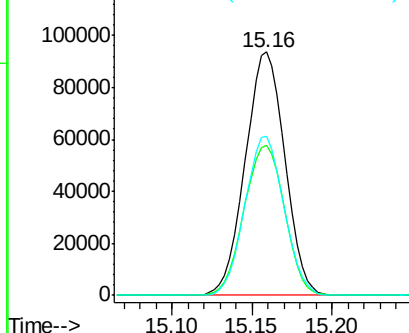
225 100

223 62.9 30.8 92.3

227 64.4 31.7 95.1



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



#96

Naphthalene

Concen: 47.90 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

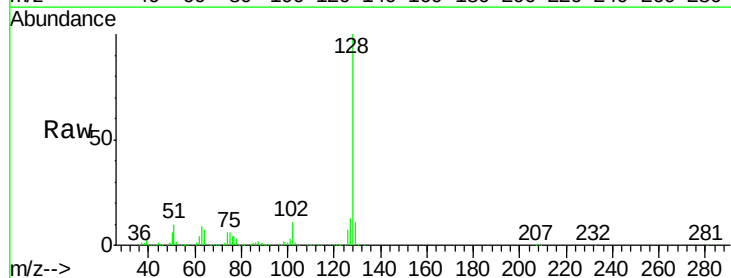
Tgt Ion:128 Resp: 955815

Ion Ratio Lower Upper

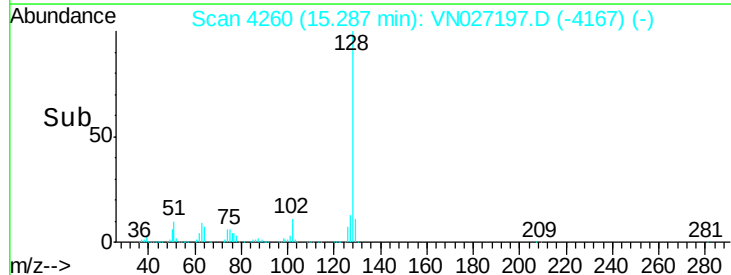
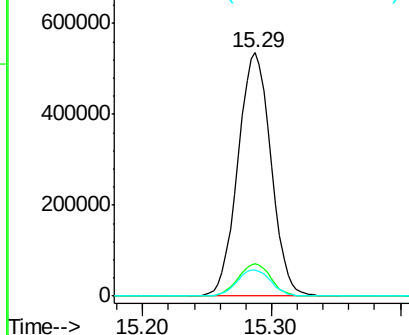
128 100

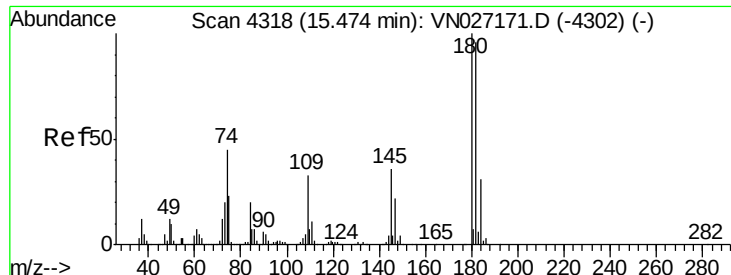
127 13.3 10.4 15.6

129 11.0 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: 48.64 ug/l

RT: 15.47 min Scan# 4318

Delta R.T. 0.00 min

Lab File: VN027197.D

Acq: 16 Sep 2015 7:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

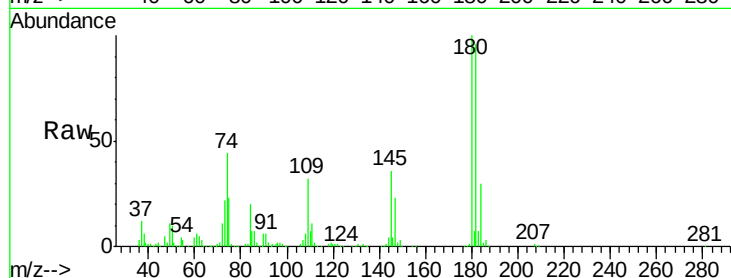
Tot Ion:180 Resp: 329077

Ion Ratio Lower Upper

180 100

182 96.7 48.8 146.4

145 36.0 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

