

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027173.D
 Acq On : 15 Sep 2015 17:47
 Operator : MD\FY
 Sample : VSTDICC200
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC200

Quant Time: Sep 16 01:17:22 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	542652	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1030287	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	900430	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	359938	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	2228931	200.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	400.94%	
36) Dibromofluoromethane	7.68	113	1390023	194.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	389.26%	
51) Toluene-d8	10.19	98	5501767	196.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	393.50%	
63) 4-Bromofluorobenzene	12.52	95	2051861	206.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	413.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	1287496	198.28	ug/l	100
3) Chlorodifluoromethane	1.81	51	1622288	215.92	ug/l	94
4) Chloromethane	2.01	50	1497209	202.42	ug/l	99
5) Vinyl Chloride	2.14	62	1505552	196.33	ug/l	99
6) Bromomethane	2.51	94	778941	201.89	ug/l	98
7) Chloroethane	2.67	64	981321	188.25	ug/l	100
8) Trichlorofluoromethane	3.01	101	2216736	191.37	ug/l	97
9) Diethyl Ether	3.42	74	1035784	194.32	ug/l	86
10) 1,1,2-Trichlorotrifluoroet	3.79	101	1387249	190.67	ug/l	96
11) Methyl Iodide	3.99	142	1476480	208.79	ug/l	92
12) Tert butyl alcohol	4.80	59	1013877	932.52	ug/l	98
13) 1,1-Dichloroethene	3.76	96	1347216	193.36	ug/l	93
14) Acrolein	3.61	56	1304267	1021.17	ug/l	97
15) Allyl chloride	4.36	41	2651542	188.41	ug/l	# 84
16) Acrylonitrile	5.02	53	3731792	1049.60	ug/l	98
17) Acetone	3.82	43	2990176	997.48	ug/l	96
18) Carbon Disulfide	4.10	76	4352121	191.81	ug/l	99
19) Methyl Acetate	4.36	43	4485860	206.61	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	5370598	192.00	ug/l	96
21) Methylene Chloride	4.59	84	1606006	192.31	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	1446433	191.93	ug/l	94
23) Diisopropyl ether	6.03	45	5733679	194.19	ug/l	93
24) Vinyl Acetate	5.97	43	10235927	1047.39	ug/l	98
25) 1,1-Dichloroethane	5.93	63	3269221	190.59	ug/l	100
26) 2-Butanone	6.91	43	4504441	997.84	ug/l	98
27) 2,2-Dichloropropane	6.92	77	2835773	190.55	ug/l	93
28) cis-1,2-Dichloroethene	6.92	96	1682741	194.68	ug/l	93
29) Bromochloromethane	7.29	49	1267705	190.41	ug/l	98
30) Tetrahydrofuran	7.31	42	2899244	931.90	ug/l	92
31) Chloroform	7.46	83	3029011	195.44	ug/l	98
32) Cyclohexane	7.77	56	3020729	200.60	ug/l	95
33) 1,1,1-Trichloroethane	7.67	97	2672918	193.43	ug/l	97
37) 1,1-Dichloropropene	7.89	75	2365445	196.12	ug/l	98
38) Ethyl Acetate	7.01	43	2005288	198.75	ug/l	98

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 VSTDICC200

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	2155158	190.07	ug/l	100
40) Methylcyclohexane	9.19	83	2851881	194.18	ug/l	99
41) Benzene	8.14	78	6629646	188.40	ug/l	100
42) Methacrylonitrile	7.24	41	1180315	202.46	ug/l #	92
43) 1,2-Dichloroethane	8.22	62	2719599	191.85	ug/l	95
44) Isopropyl Acetate	8.25	43	3740429	194.08	ug/l	98
45) Trichloroethene	8.93	130	1366939	193.40	ug/l	90
46) 1,2-Dichloropropane	9.22	63	1870810	184.79	ug/l	100
47) Dibromomethane	9.30	93	1119074	188.26	ug/l	93
48) Bromodichloromethane	9.49	83	2424904	193.57	ug/l	100
49) Methyl methacrylate	9.29	41	1876992	195.48	ug/l #	90
50) 1,4-Dioxane	9.30	88	418549	3716.57	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	9336793	916.28	ug/l	99
53) Toluene	10.26	92	3951098	191.69	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	2790099	198.33	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	2947599	192.60	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	1459755	188.44	ug/l	99
57) Ethyl methacrylate	10.52	69	2512876	192.49	ug/l #	92
58) 1,3-Dichloropropane	10.81	76	2729053	189.78	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	6058092	1010.71	ug/l	97
60) 2-Hexanone	10.84	43	6423612	925.90	ug/l	100
61) Dibromochloromethane	11.00	129	1518968	192.01	ug/l	99
62) 1,2-Dibromoethane	11.11	107	1466380	192.63	ug/l	99
65) Tetrachloroethene	10.74	164	1041138	180.81	ug/l	95
66) Chlorobenzene	11.54	112	4005333	188.42	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	1327638	183.10	ug/l	99
68) Ethyl Benzene	11.62	91	7581831	188.08	ug/l	100
69) m/p-Xylenes	11.73	106	5346623	384.43	ug/l	91
70) o-Xylene	12.06	106	2642665	189.55	ug/l	90
71) Styrene	12.07	104	4451878	197.80	ug/l	95
72) Bromoform	12.24	173	955172	189.42	ug/l #	98
74) Isopropylbenzene	12.36	105	7113429	179.34	ug/l	98
75) N-amyl acetate	12.17	43	3197398	180.62	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	1916887	197.36	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	2827447	259.92	ug/l	54
78) Bromobenzene	12.64	156	1362866	175.22	ug/l	89
79) n-propylbenzene	12.71	91	8736669	187.22	ug/l	98
80) 2-Chlorotoluene	12.79	91	5139987	183.43	ug/l	94
81) 1,3,5-Trimethylbenzene	12.85	105	5897942	185.08	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	789814	178.34	ug/l	91
83) 4-Chlorotoluene	12.89	91	5291274	192.19	ug/l	95
84) tert-Butylbenzene	13.11	119	4690670	178.42	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	5894157	184.17	ug/l	95
86) sec-Butylbenzene	13.29	105	7112869	184.68	ug/l	99
87) p-Isopropyltoluene	13.41	119	5528160	186.35	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	2499072	187.76	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	2488802	184.63	ug/l	95
90) n-Butylbenzene	13.74	91	5906499	205.18	ug/l	99
91) Hexachloroethane	14.01	117	1146547	176.61	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	2417040	183.76	ug/l	96

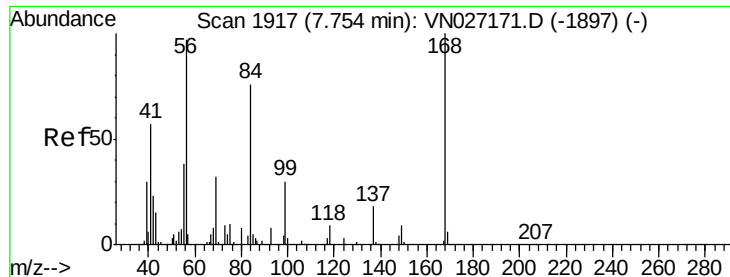
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	442797	199.60	ug/l	86
94) 1,2,4-Trichlorobenzene	15.05	180	1570558	221.04	ug/l	98
95) Hexachlorobutadiene	15.16	225	709872	189.70	ug/l	98
96) Naphthalene	15.29	128	4726916	226.93	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	1538587	217.83	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

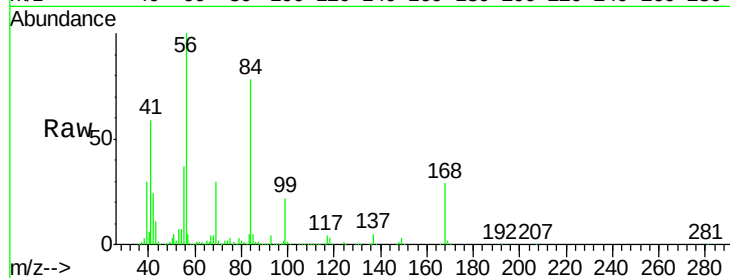
VSTDICC200

Tgt Ion:168 Resp: 542652

Ion Ratio Lower Upper

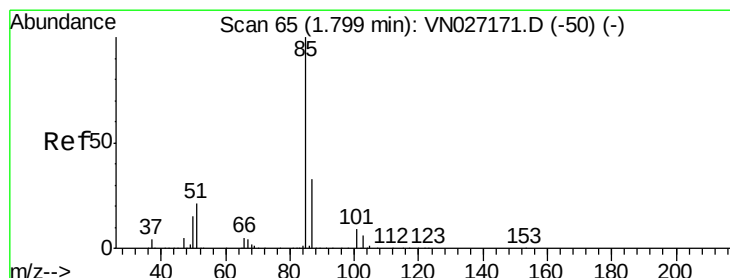
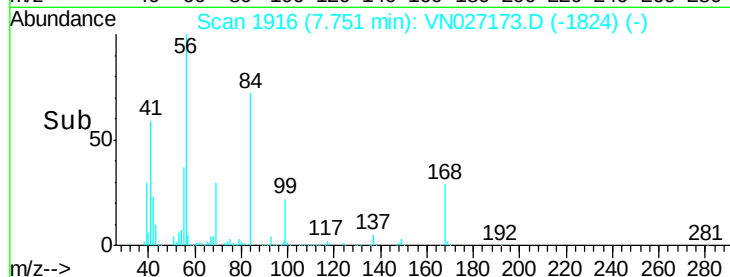
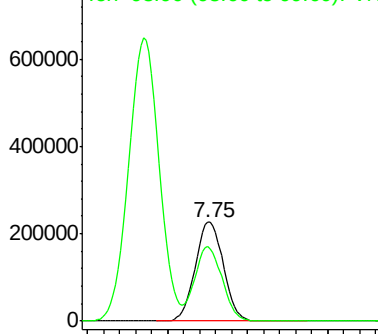
168 100

99 75.6 50.4 75.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 198.28 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027173.D

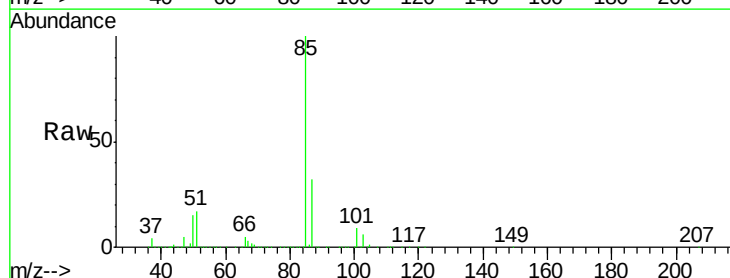
Acq: 15 Sep 2015 17:47

Tgt Ion: 85 Resp: 1287496

Ion Ratio Lower Upper

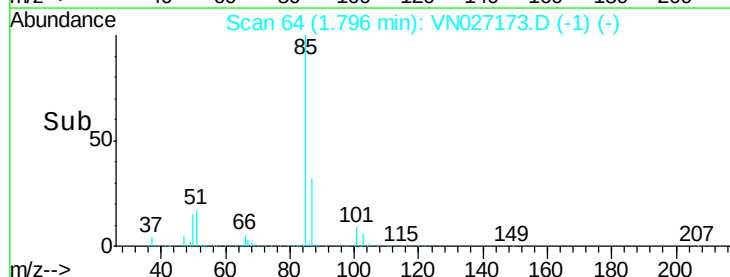
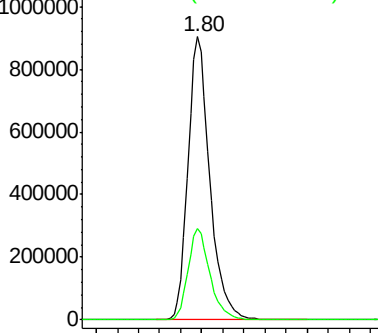
85 100

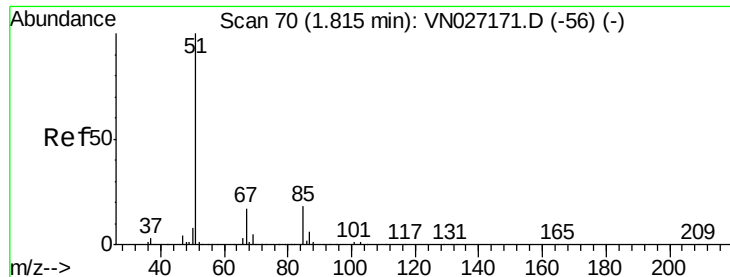
87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chlorodifluoromethane

Concen: 215.92 ug/l

RT: 1.81 min Scan# 69

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

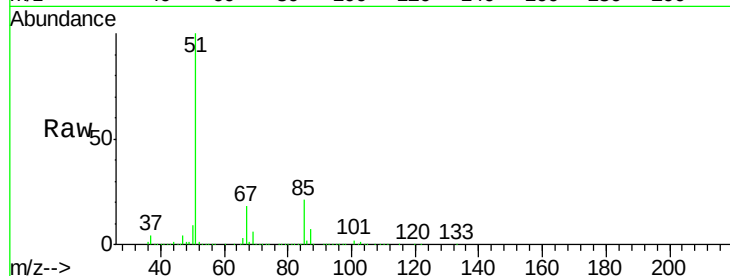
VSTDIC200

Tgt Ion: 51 Resp: 1622288

Ion Ratio Lower Upper

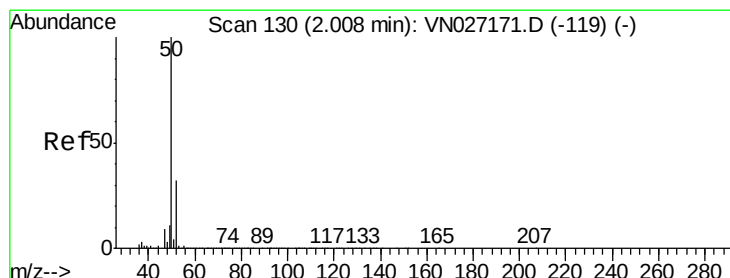
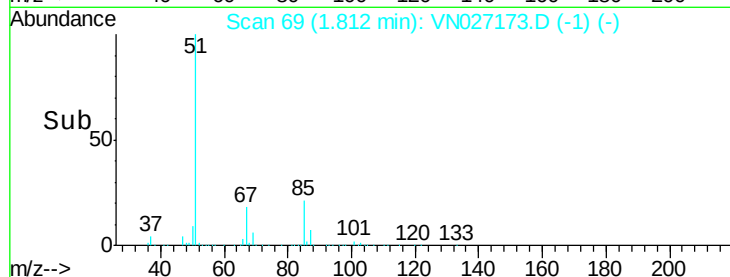
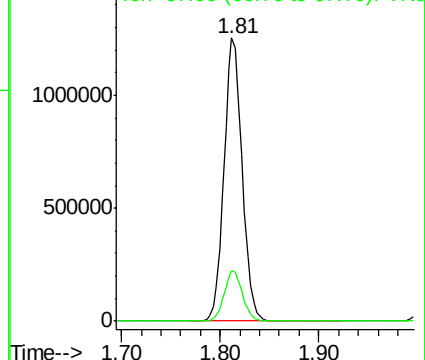
51 100

67 17.7 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: 202.42 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027173.D

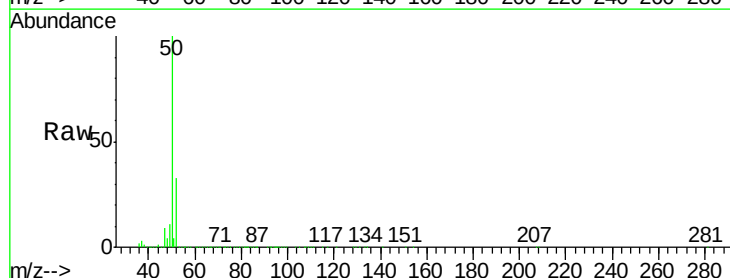
Acq: 15 Sep 2015 17:47

Tgt Ion: 50 Resp: 1497209

Ion Ratio Lower Upper

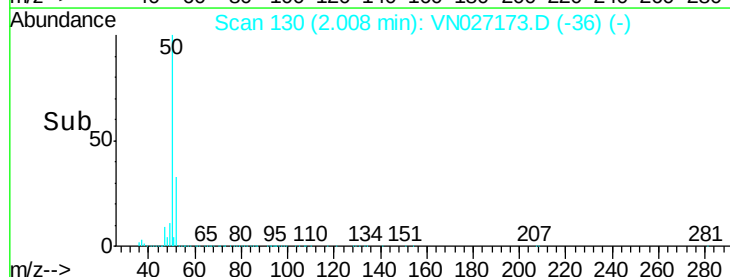
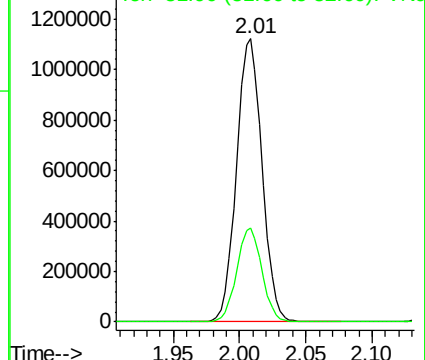
50 100

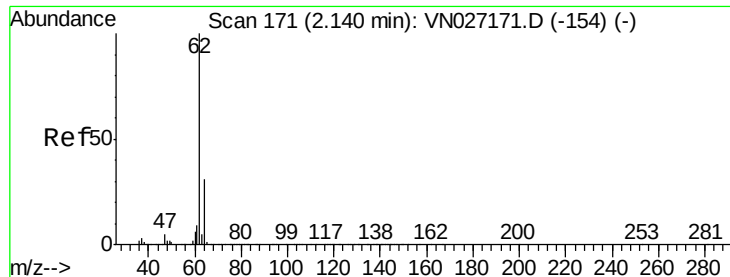
52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 196.33 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

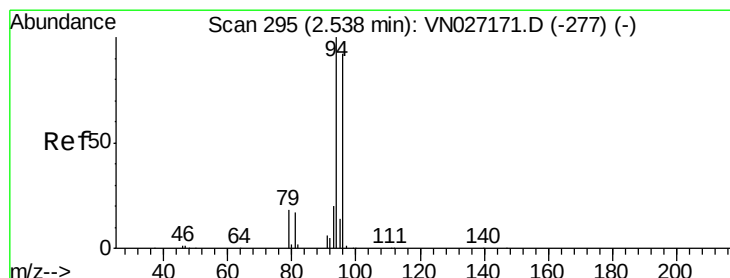
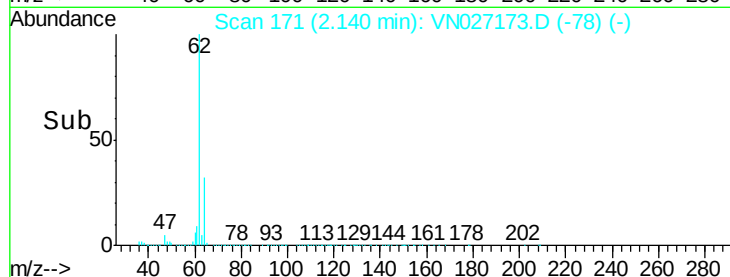
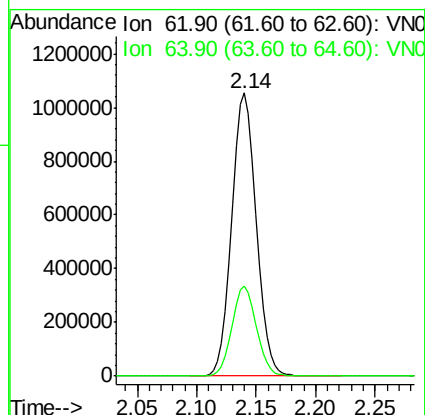
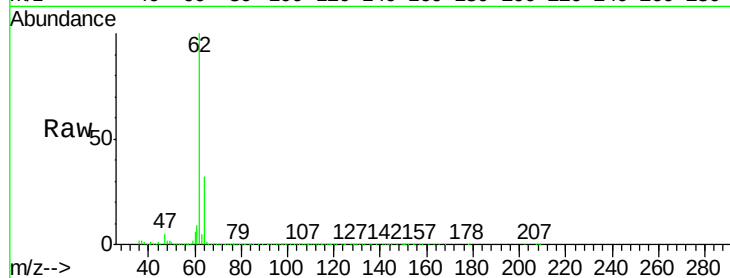
VSTDIC200

Tgt Ion: 62 Resp: 1505552

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9



#6

Bromomethane

Concen: 201.89 ug/l

RT: 2.51 min Scan# 287

Delta R.T. -0.03 min

Lab File: VN027173.D

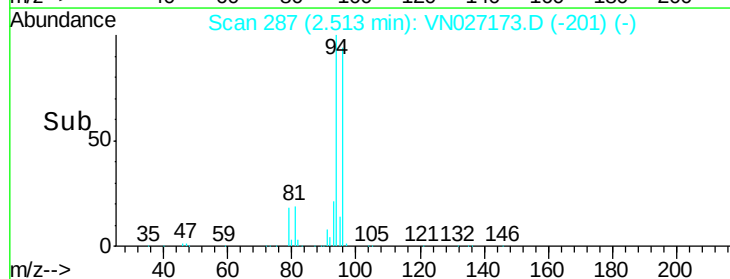
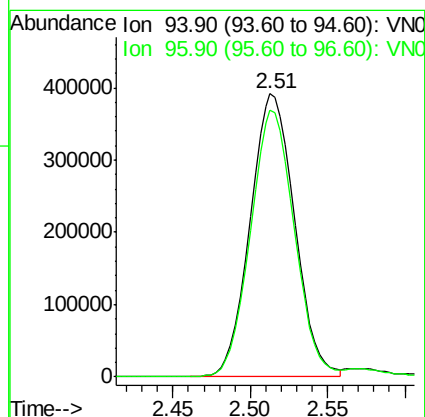
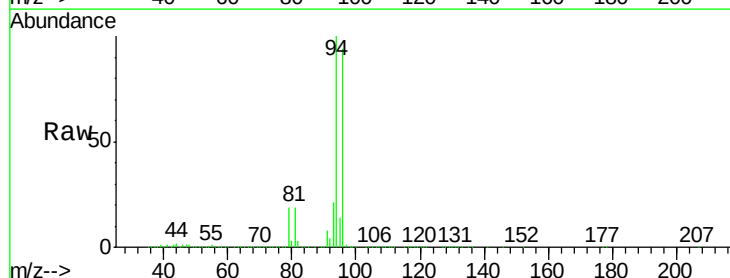
Acq: 15 Sep 2015 17:47

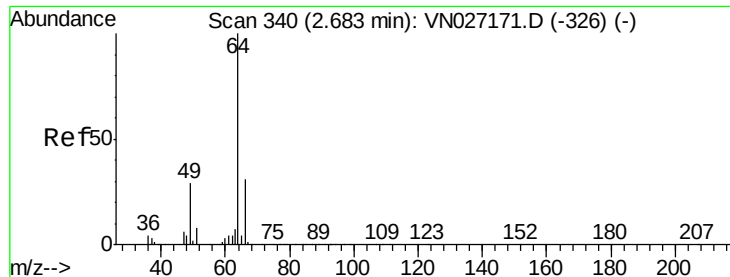
Tgt Ion: 94 Resp: 778941

Ion Ratio Lower Upper

94 100

96 94.2 73.4 110.2





#7

Chloroethane

Concen: 188.25 ug/l

RT: 2.67 min Scan# 336

Delta R.T. -0.01 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampled :

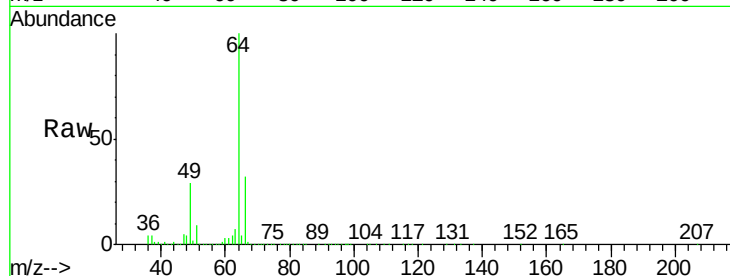
VSTDIC200

Tgt Ion: 64 Resp: 981321

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN027173.D (-336) (-)

Ion 65.90 (65.60 to 66.60): VN027173.D (-336) (-)

2.67

500000

400000

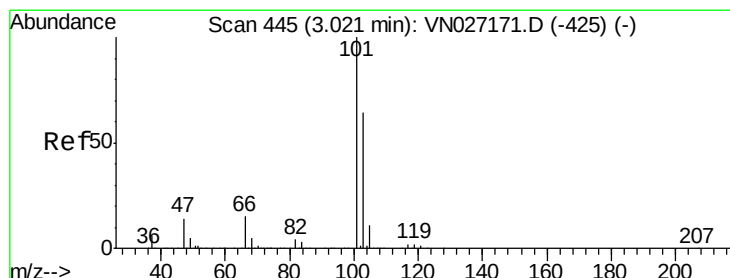
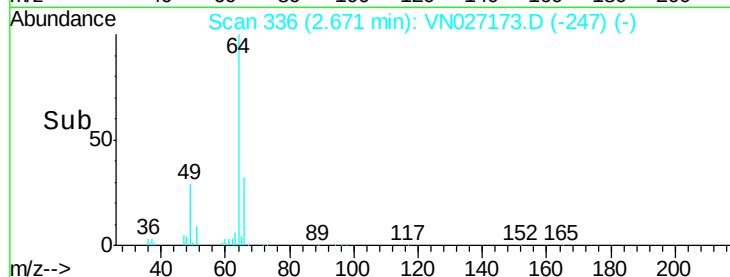
300000

200000

100000

0

Time-->



#8

Trichlorofluoromethane

Concen: 191.37 ug/l

RT: 3.01 min Scan# 443

Delta R.T. -0.01 min

Lab File: VN027173.D

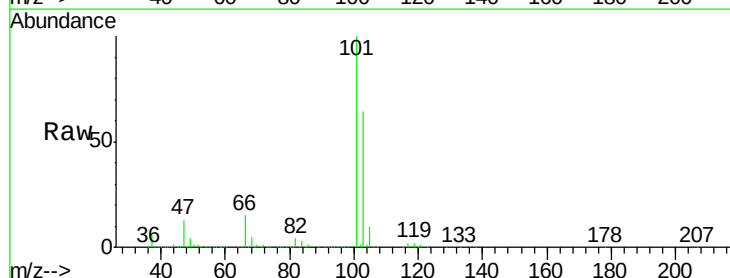
Acq: 15 Sep 2015 17:47

Tgt Ion: 101 Resp: 2216736

Ion Ratio Lower Upper

101 100

103 63.6 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): VN027173.D (-443) (-)

Ion 102.80 (102.50 to 103.50): VN027173.D (-443) (-)

3.01

1000000

800000

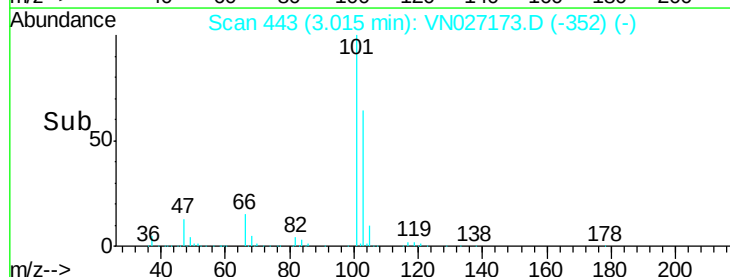
600000

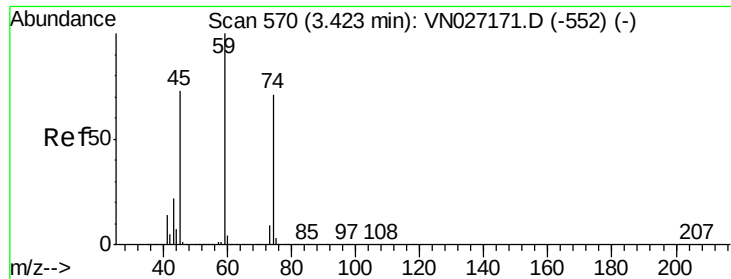
400000

200000

0

Time-->





#9

Diethyl Ether

Concen: 194.32 ug/l

RT: 3.42 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

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ClientSampleId :

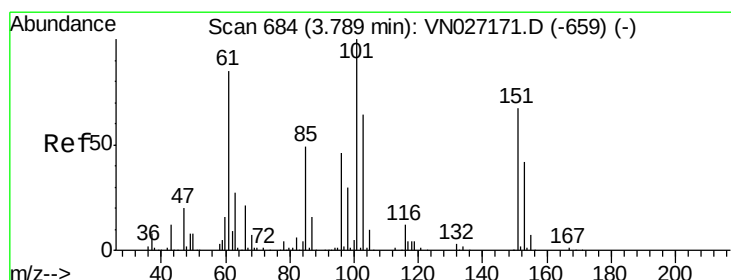
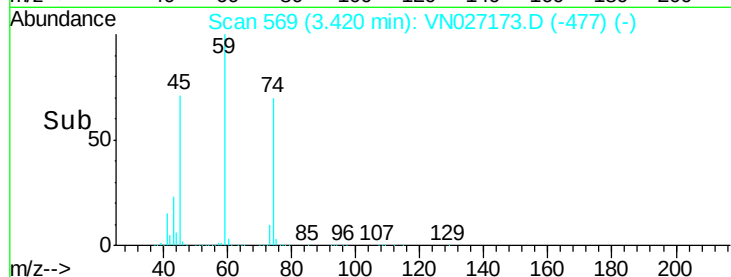
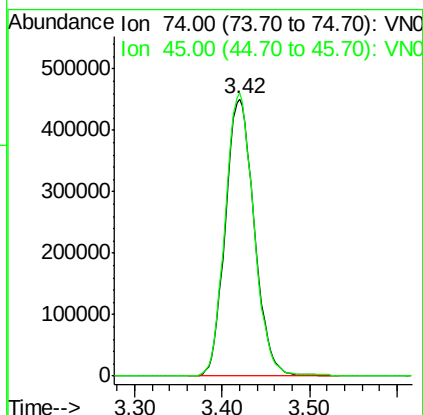
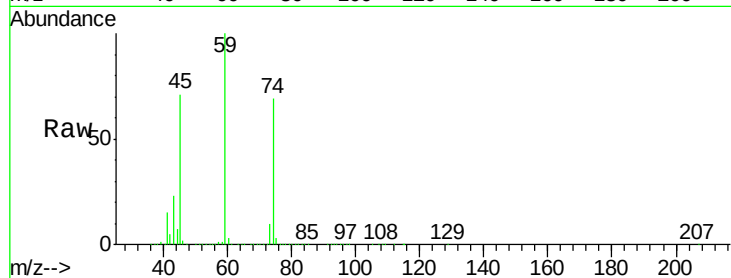
VSTDIC200

Tgt Ion: 74 Resp: 1035784

Ion Ratio Lower Upper

74 100

45 100.7 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 190.67 ug/l

RT: 3.79 min Scan# 683

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

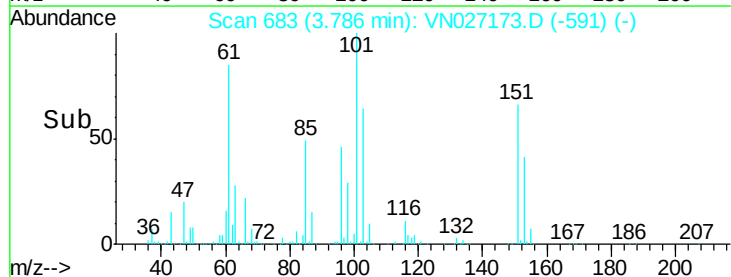
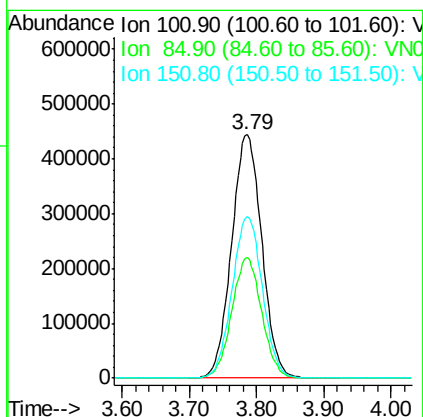
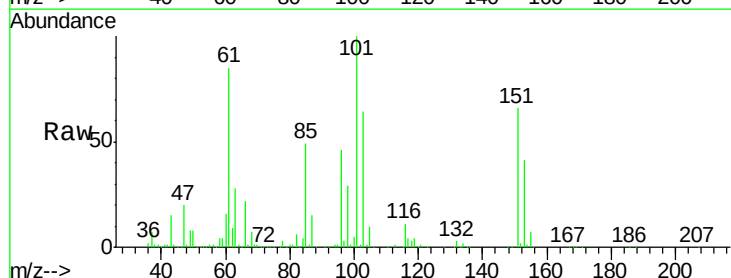
Tgt Ion: 101 Resp: 1387249

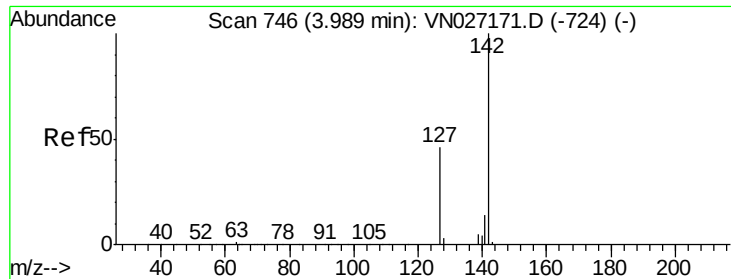
Ion Ratio Lower Upper

101 100

85 48.7 37.4 56.0

151 66.5 55.9 83.9

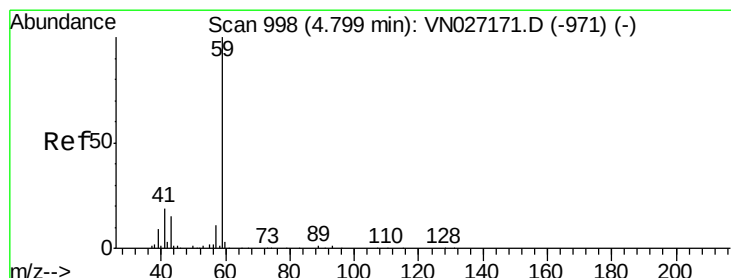
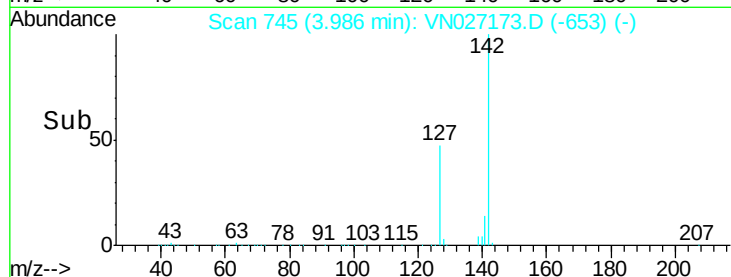
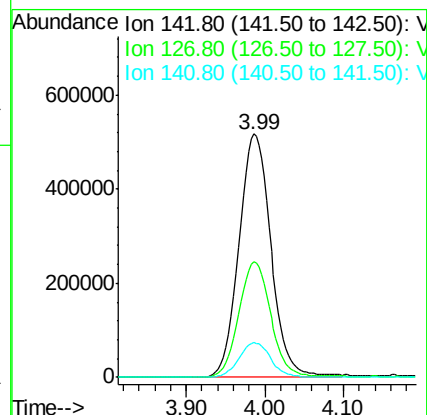
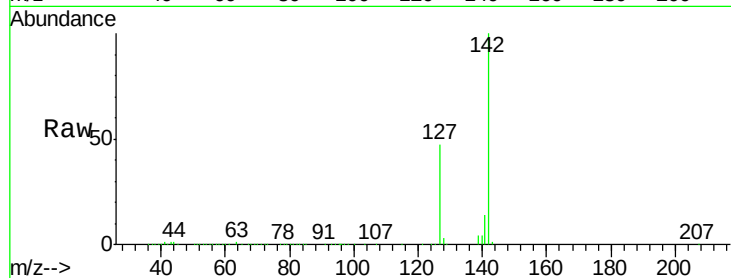




#11
Methyl Iodide
Concen: 208.79 ug/l
RT: 3.99 min Scan# 745
Delta R.T. -0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

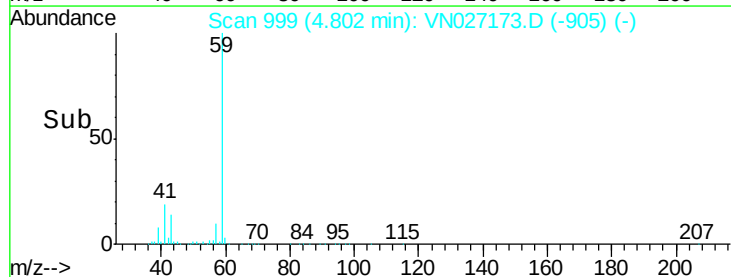
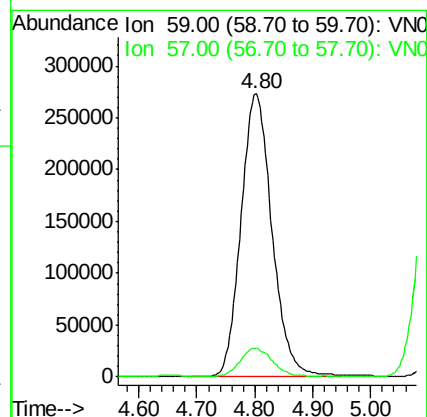
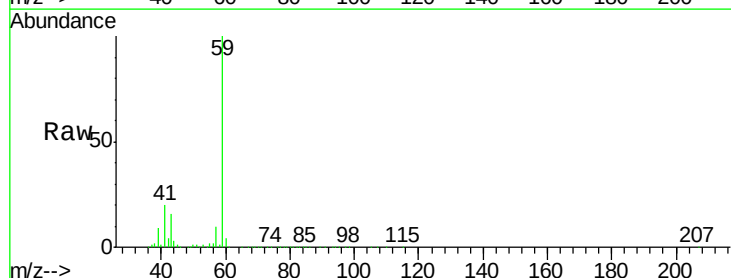
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC200

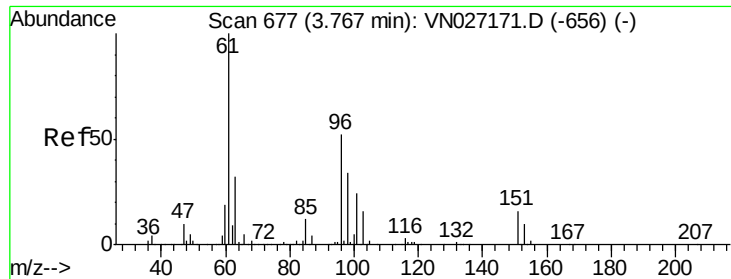
Tgt Ion:142 Resp: 1476480
Ion Ratio Lower Upper
142 100
127 47.4 32.3 48.5
141 14.0 11.2 16.8



#12
Tert butyl alcohol
Concen: 932.52 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

Tgt Ion: 59 Resp: 1013877
Ion Ratio Lower Upper
59 100
57 10.4 7.6 11.4

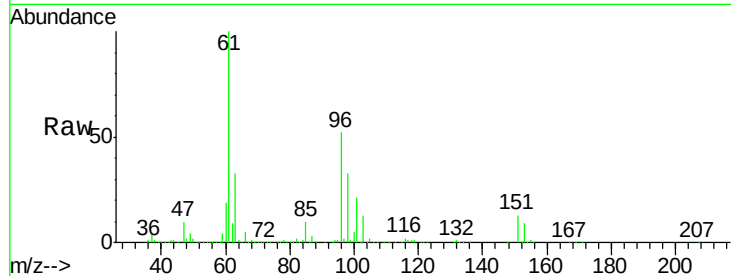




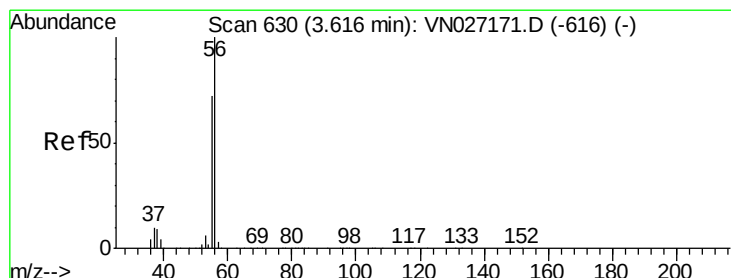
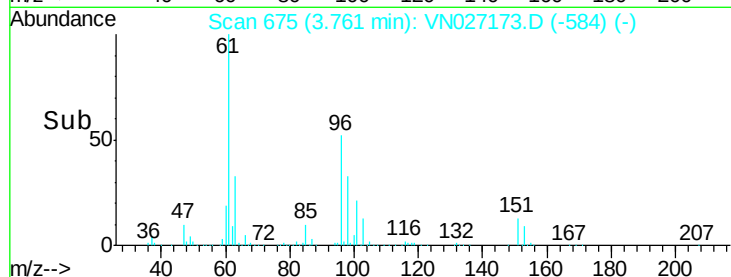
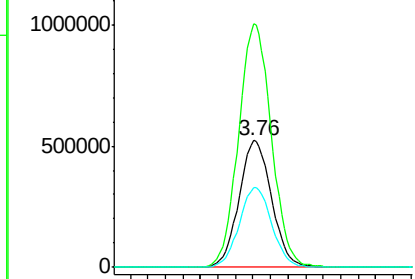
#13
 1,1-Dichloroethene
 Concen: 193.36 ug/l
 RT: 3.76 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

Tgt Ion: 96 Resp: 1347216
 Ion Ratio Lower Upper
 96 100
 61 192.2 143.8 215.8
 98 62.5 50.3 75.5

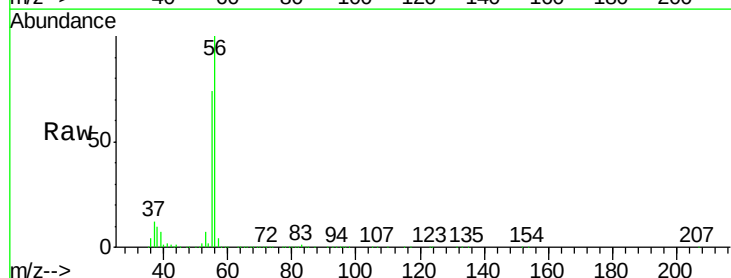


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

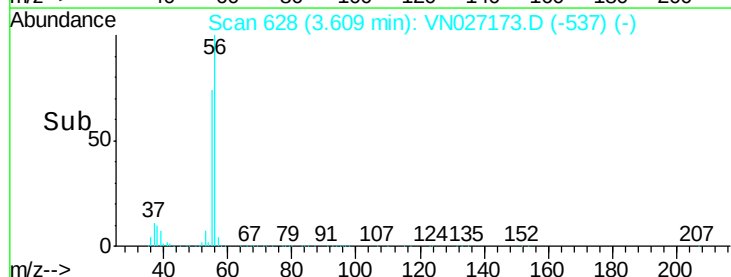
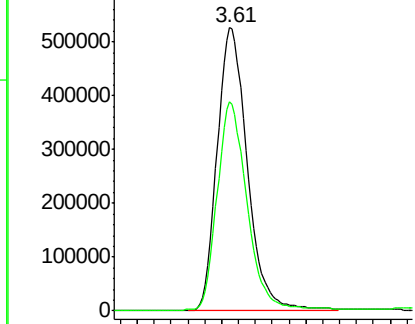


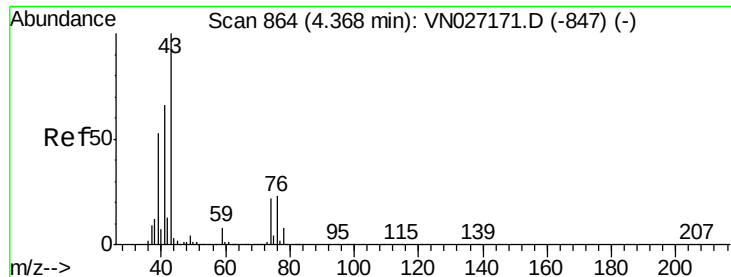
#14
 Acrolein
 Concen: 1021.17 ug/l
 RT: 3.61 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 56 Resp: 1304267
 Ion Ratio Lower Upper
 56 100
 55 72.3 55.7 83.5



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





#15

Allyl chloride

Concen: 188.41 ug/l

RT: 4.36 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC200

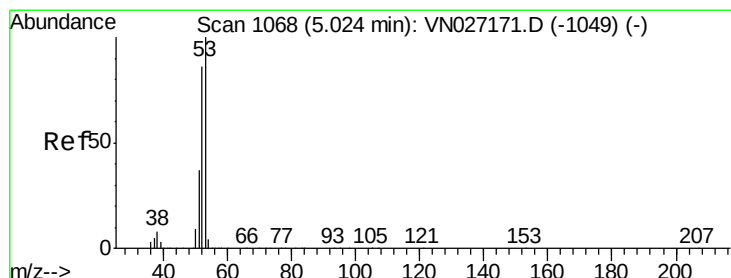
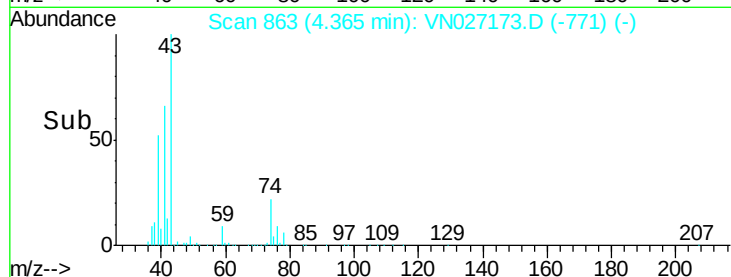
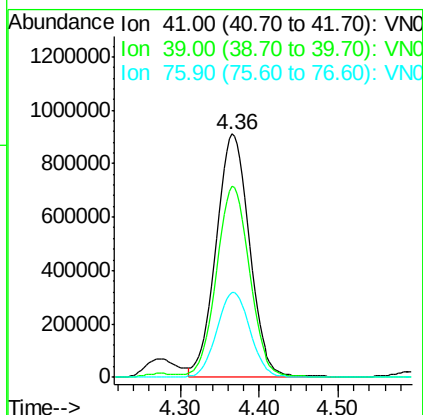
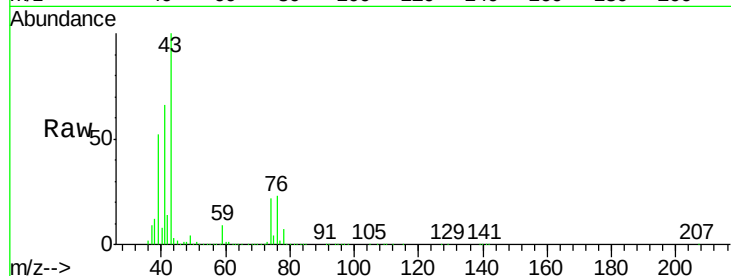
Tgt Ion: 41 Resp: 2651542

Ion Ratio Lower Upper

41 100

39 78.4 49.7 74.5#

76 34.7 24.8 37.2



#16

Acrylonitrile

Concen: 1049.60 ug/l

RT: 5.02 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

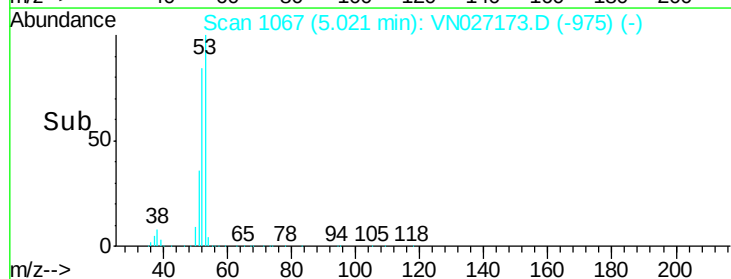
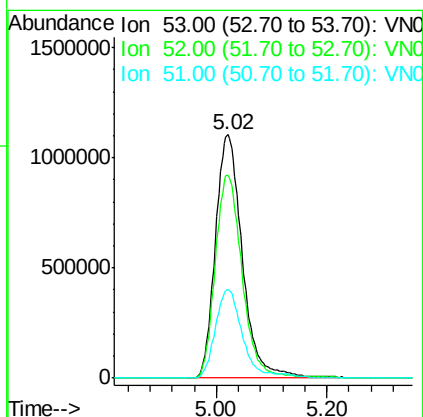
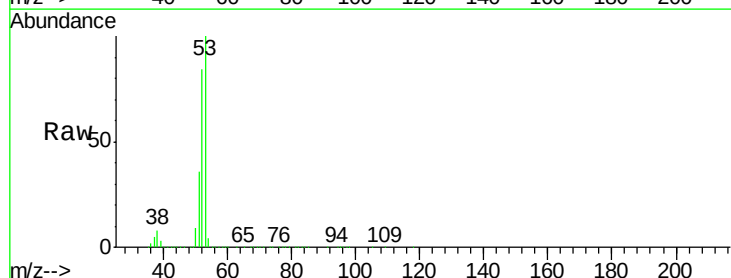
Tgt Ion: 53 Resp: 3731792

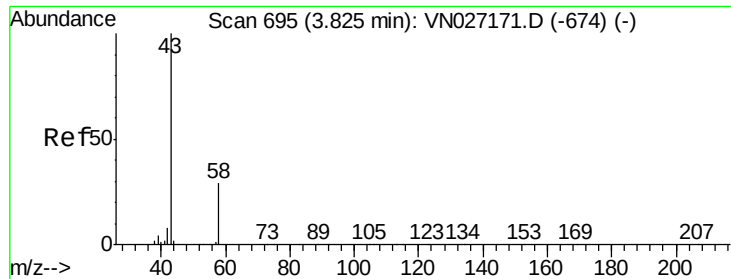
Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

51 37.0 27.4 41.0





#17

Acetone

Concen: 997.48 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

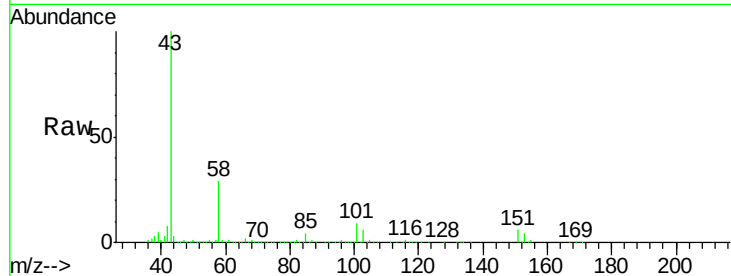
VSTDIC200

Tgt Ion: 43 Resp: 2990176

Ion Ratio Lower Upper

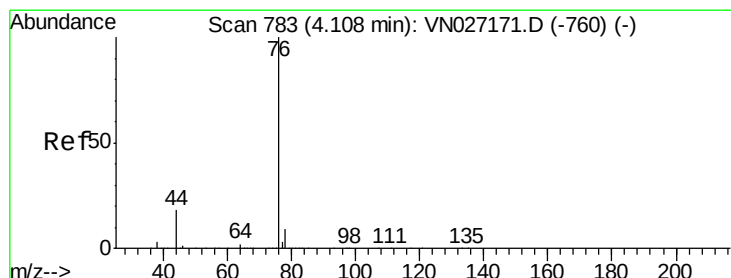
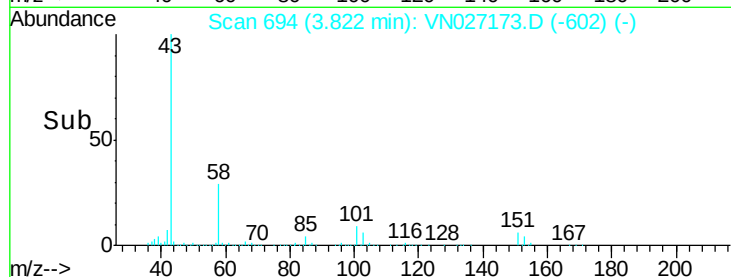
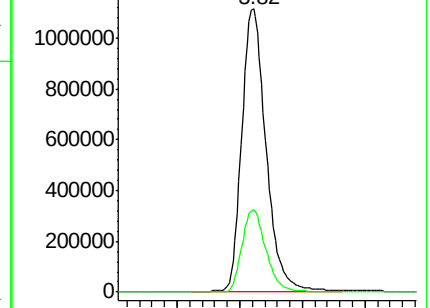
43 100

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



#18

Carbon Disulfide

Concen: 191.81 ug/l

RT: 4.10 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN027173.D

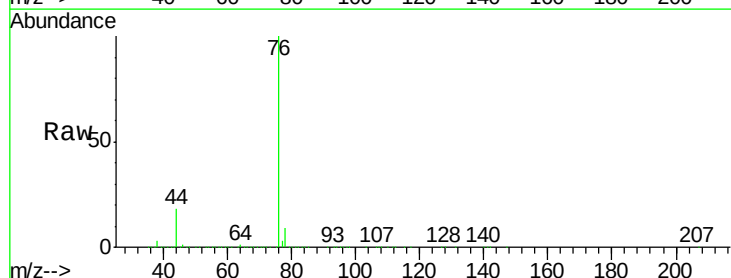
Acq: 15 Sep 2015 17:47

Tgt Ion: 76 Resp: 4352121

Ion Ratio Lower Upper

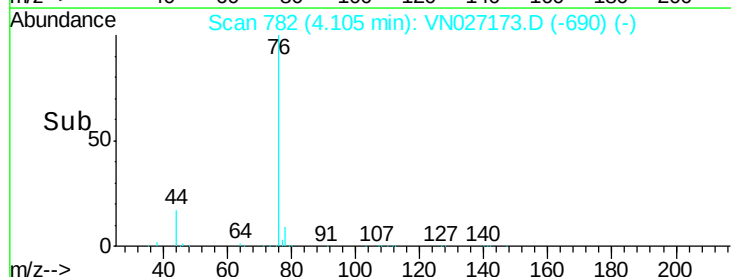
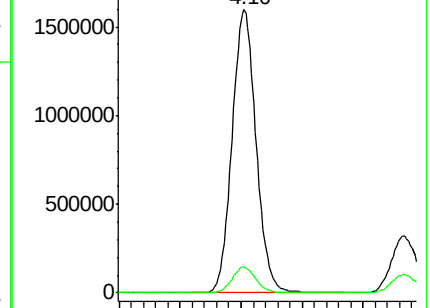
76 100

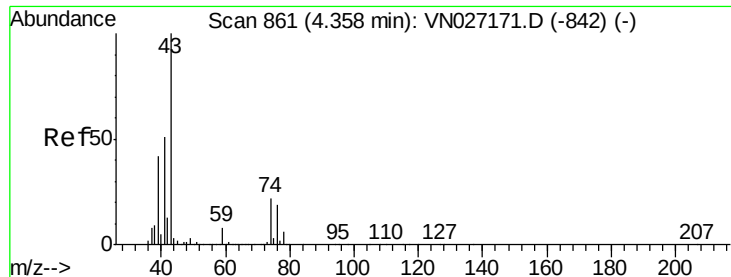
78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

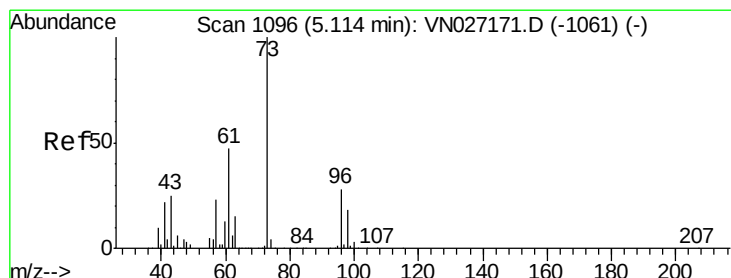
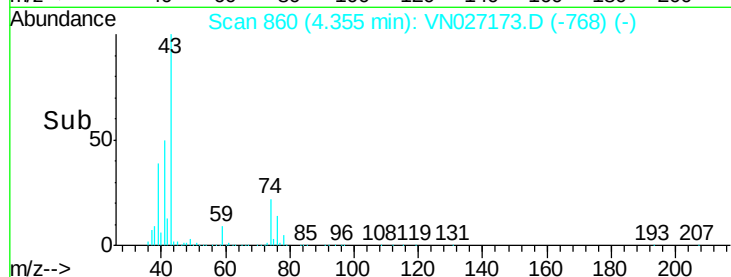
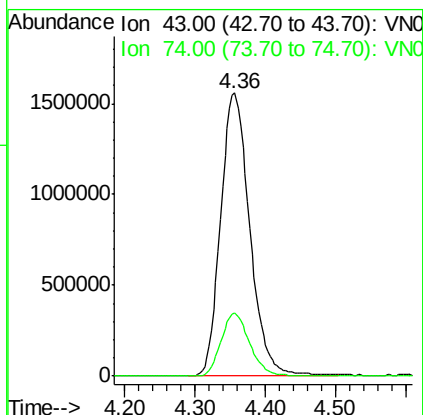
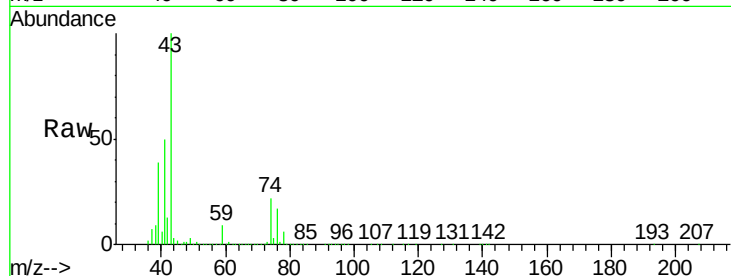




#19
Methyl Acetate
Concen: 206.61 ug/l
RT: 4.36 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

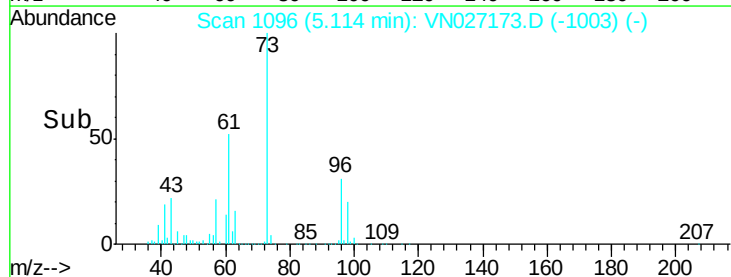
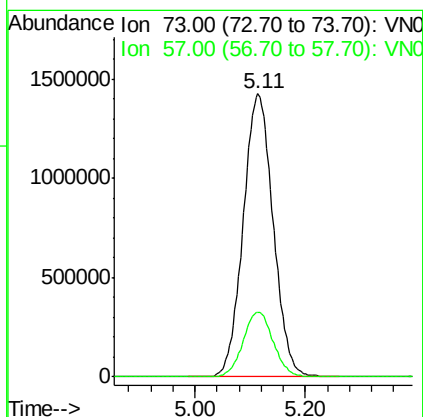
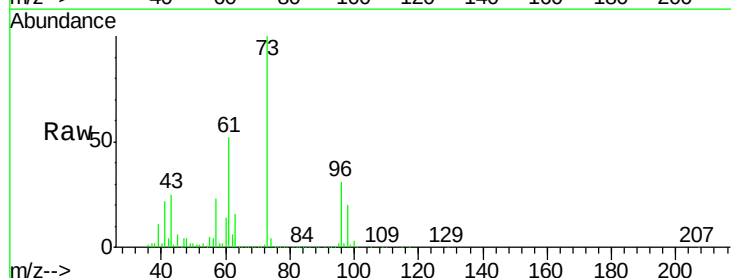
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC200

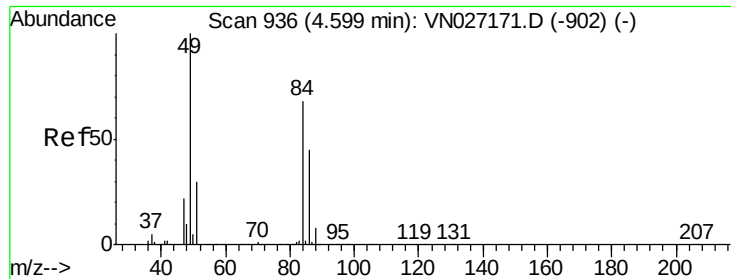
Tgt Ion: 43 Resp: 4485860
Ion Ratio Lower Upper
43 100
74 22.1 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 192.00 ug/l
RT: 5.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

Tgt Ion: 73 Resp: 5370598
Ion Ratio Lower Upper
73 100
57 22.9 19.8 29.6

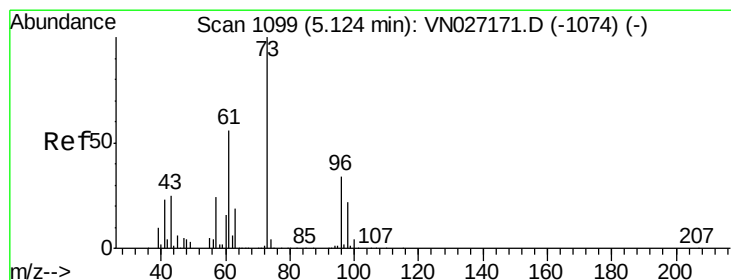
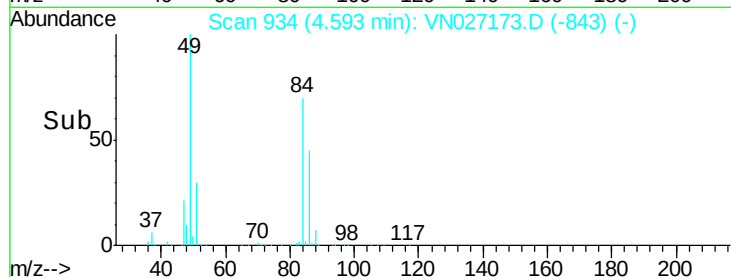
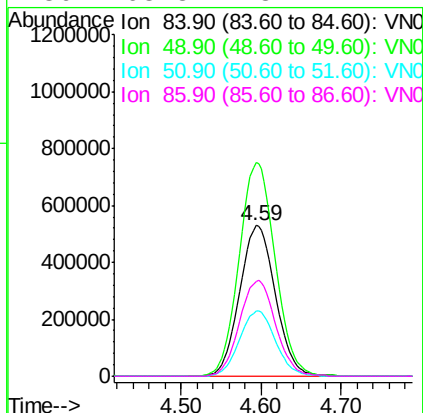
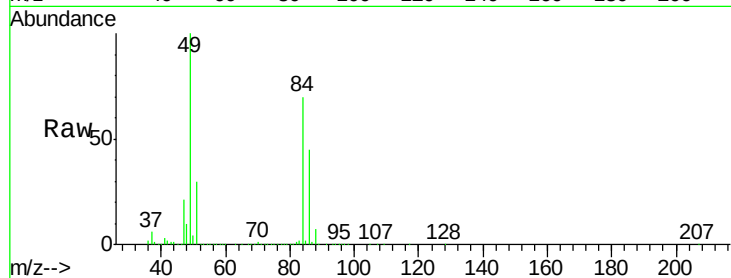




#21
Methylene Chloride
Concen: 192.31 ug/l
RT: 4.59 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

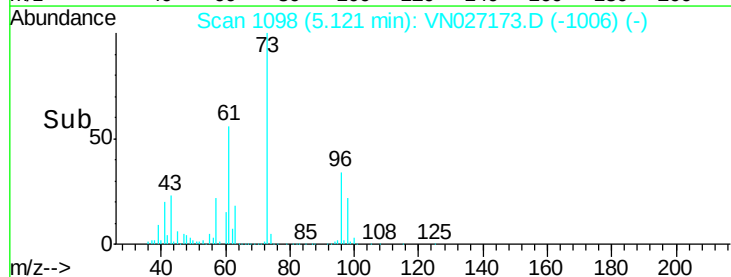
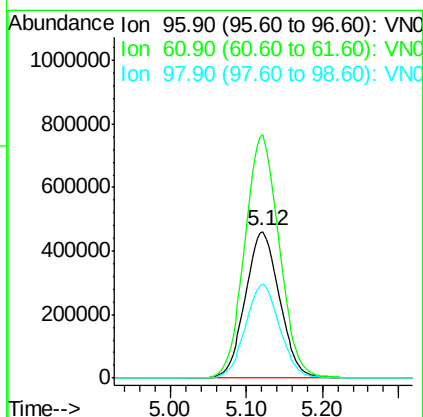
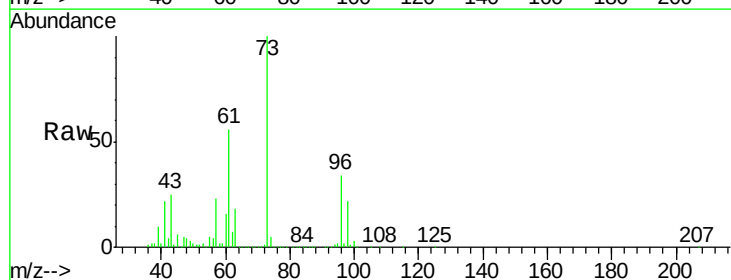
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC200

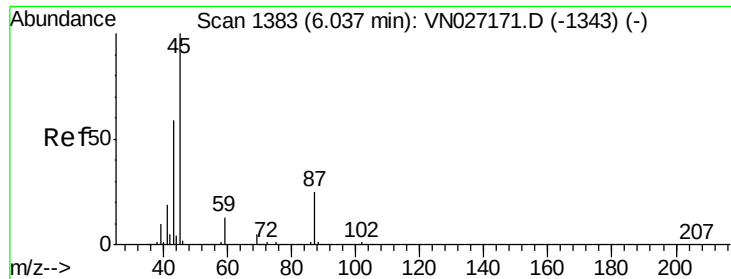
Tgt Ion: 84 Resp: 1606006
Ion Ratio Lower Upper
84 100
49 142.0 112.3 168.5
51 43.0 33.8 50.8
86 63.3 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 191.93 ug/l
RT: 5.12 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

Tgt Ion: 96 Resp: 1446433
Ion Ratio Lower Upper
96 100
61 166.0 126.6 189.8
98 63.8 47.4 71.2



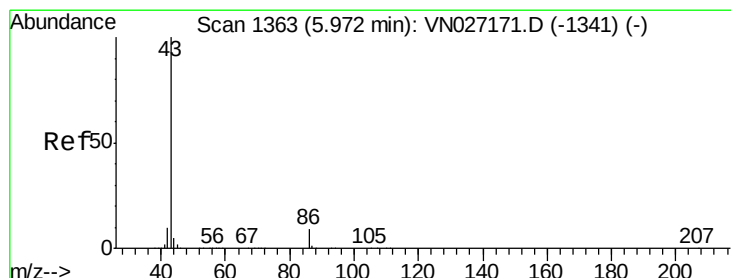
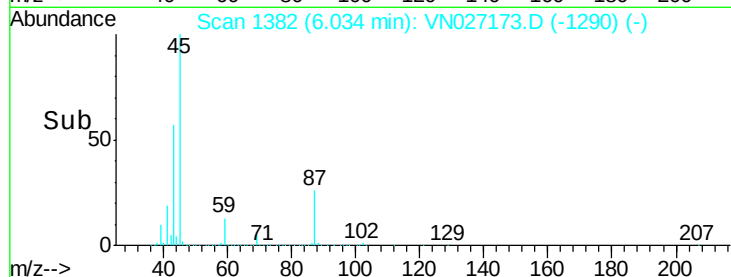
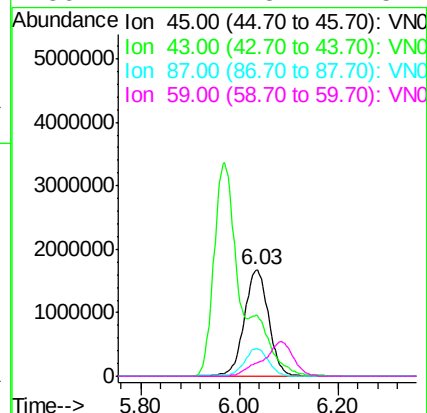
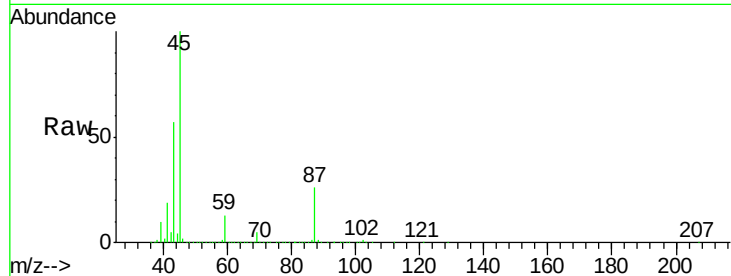


#23
 Diisopropyl ether
 Concen: 194.19 ug/l
 RT: 6.03 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

Tgt Ion: 45 Resp: 5733679

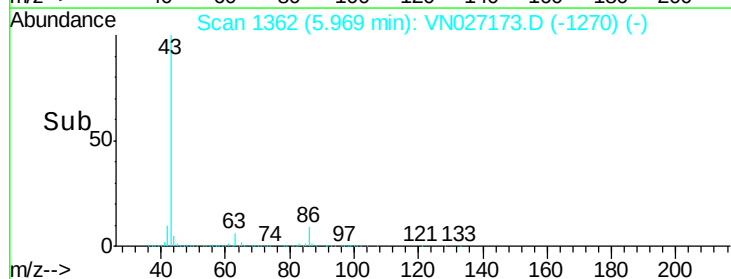
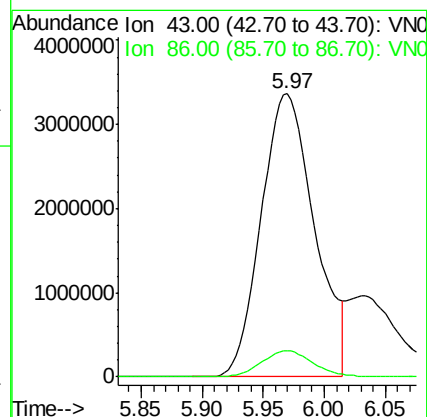
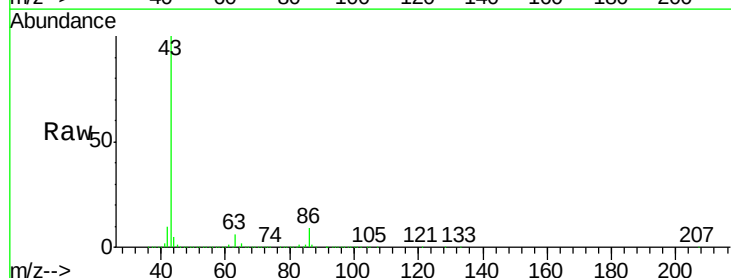
Ion	Ratio	Lower	Upper
45	100		
43	56.8	41.0	61.6
87	25.8	17.5	26.3
59	12.4	8.7	13.1

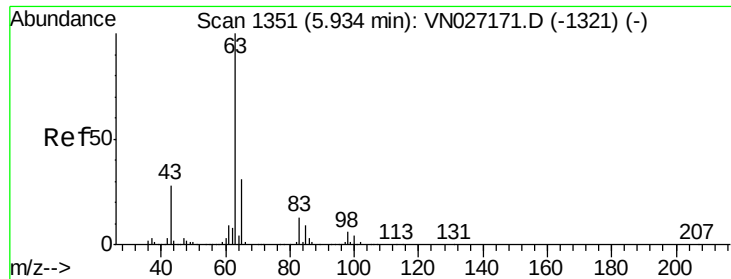


#24
 Vinyl Acetate
 Concen: 1047.39 ug/l
 RT: 5.97 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 43 Resp: 10235927

Ion	Ratio	Lower	Upper
43	100		
86	9.2	6.9	10.3

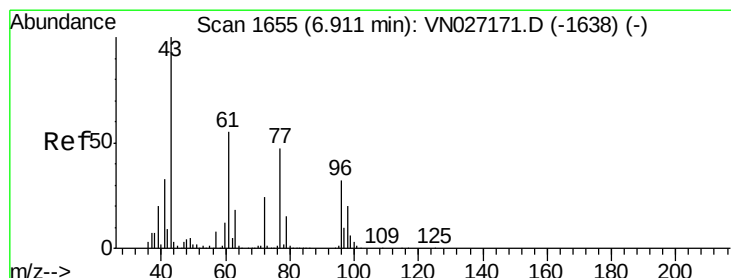
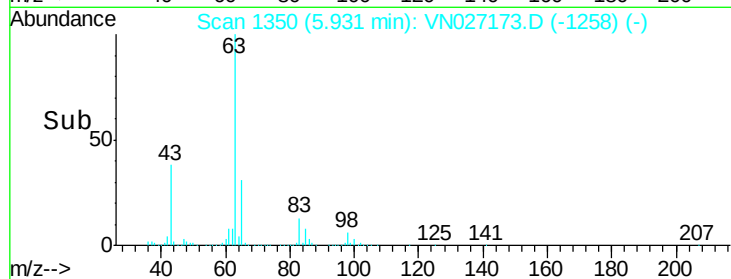
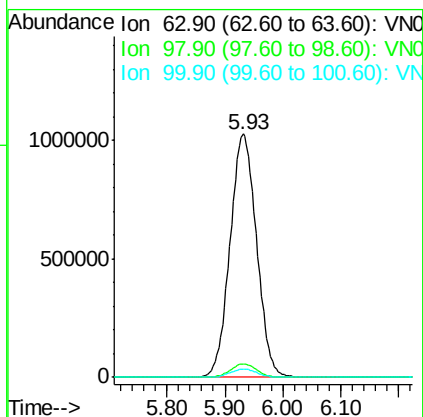
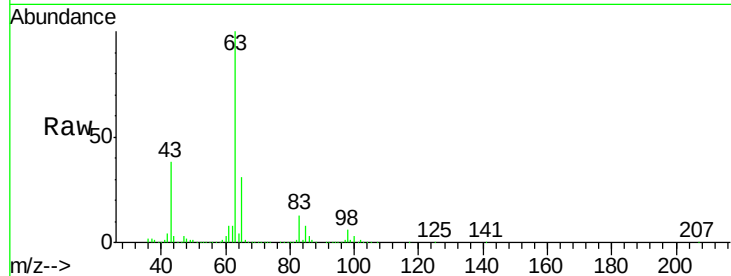




#25
 1,1-Dichloroethane
 Concen: 190.59 ug/l
 RT: 5.93 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

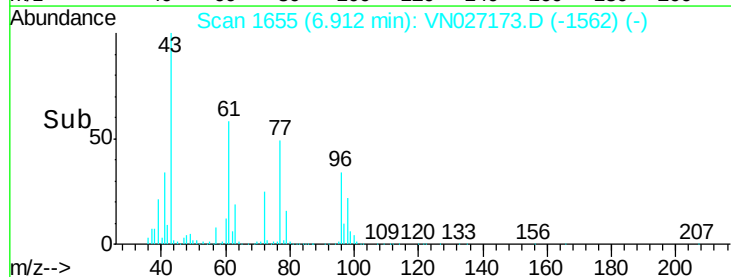
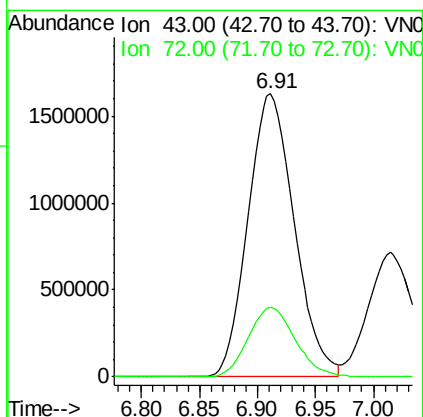
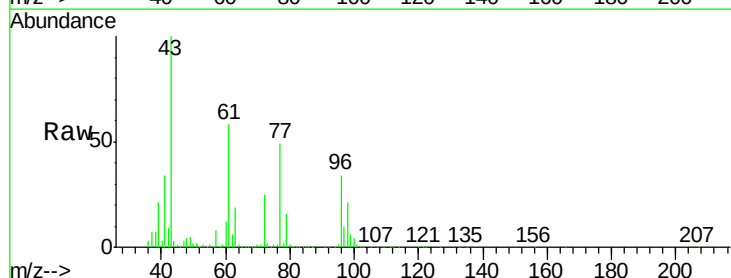
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

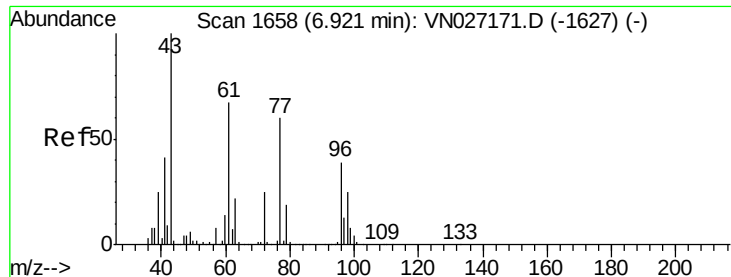
Tgt Ion: 63 Resp: 3269221
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.8 8.3
 100 3.4 1.7 5.0



#26
 2-Butanone
 Concen: 997.84 ug/l
 RT: 6.91 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 43 Resp: 4504441
 Ion Ratio Lower Upper
 43 100
 72 24.7 18.8 28.2





#27

2,2-Dichloropropane

Concen: 190.55 ug/l

RT: 6.92 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

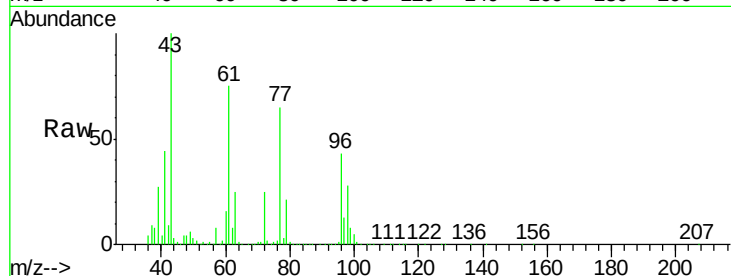
VSTDIC200

Tgt Ion: 77 Resp: 2835773

Ion Ratio Lower Upper

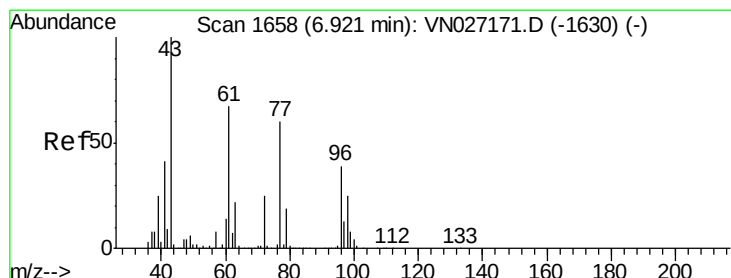
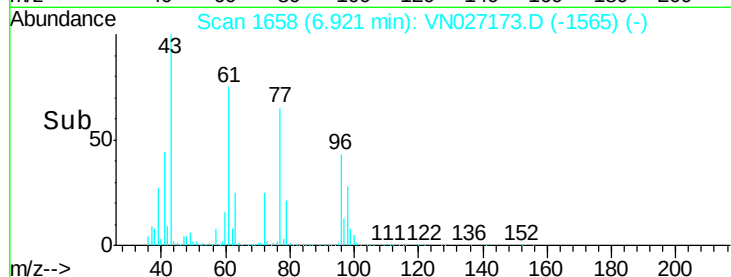
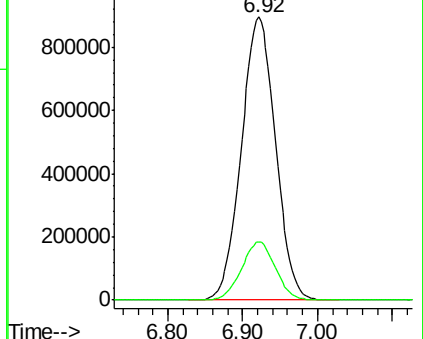
77 100

97 20.3 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



#28

cis-1,2-Dichloroethene

Concen: 194.68 ug/l

RT: 6.92 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

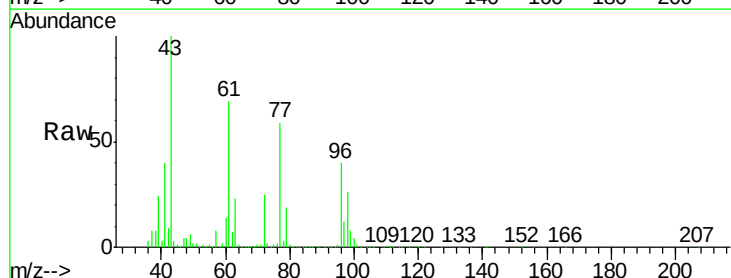
Tgt Ion: 96 Resp: 1682741

Ion Ratio Lower Upper

96 100

61 176.3 0.0 329.2

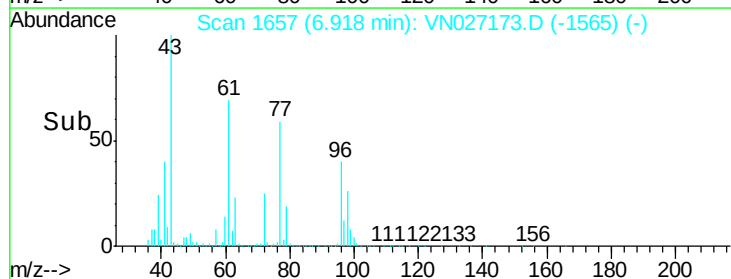
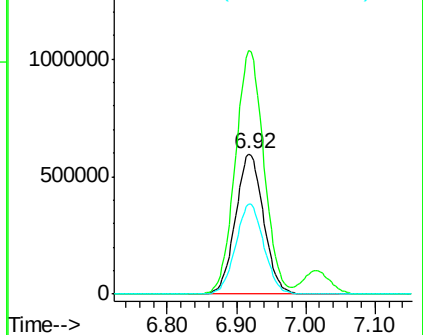
98 64.5 0.0 126.0

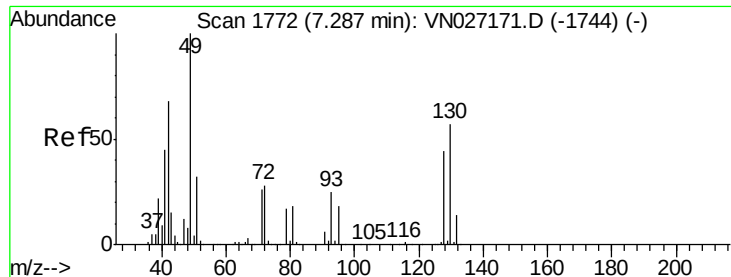


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#29

Bromochloromethane

Concen: 190.41 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC200

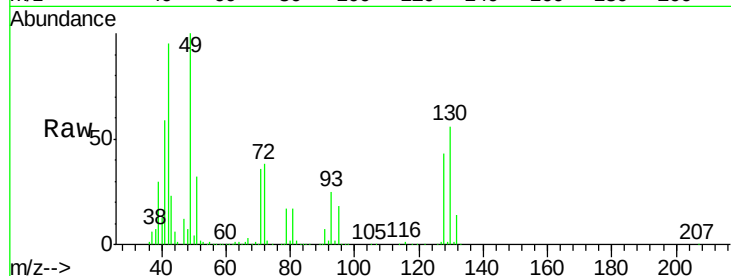
Tgt Ion: 49 Resp: 1267705

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

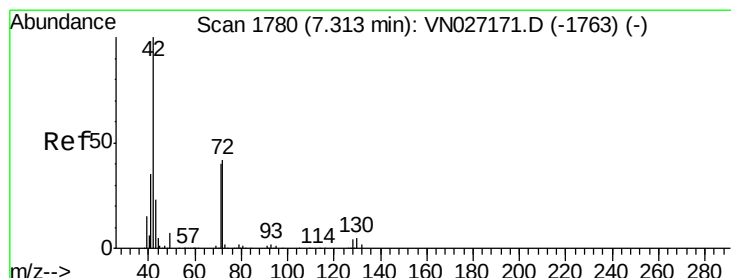
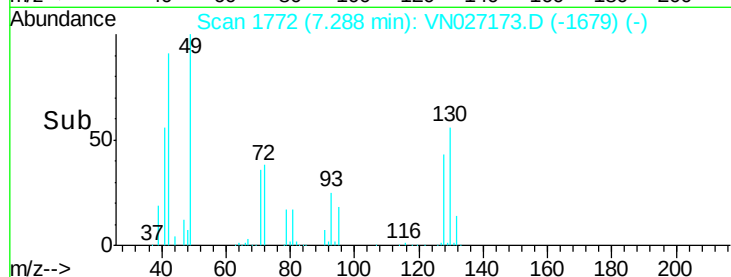
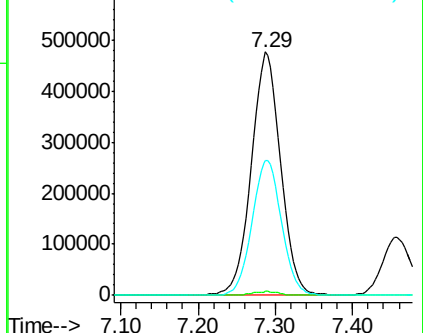
130 55.5 43.2 64.8



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0



#30

Tetrahydrofuran

Concen: 931.90 ug/l

RT: 7.31 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

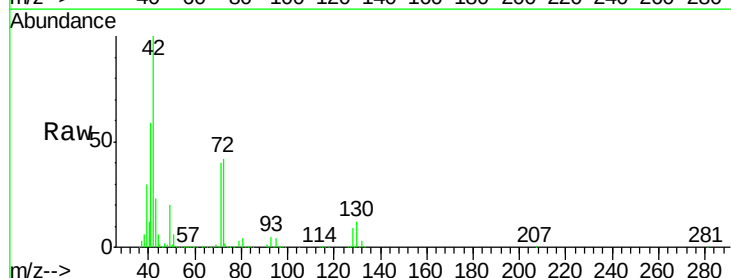
Tgt Ion: 42 Resp: 2899244

Ion Ratio Lower Upper

42 100

72 42.0 29.9 44.9

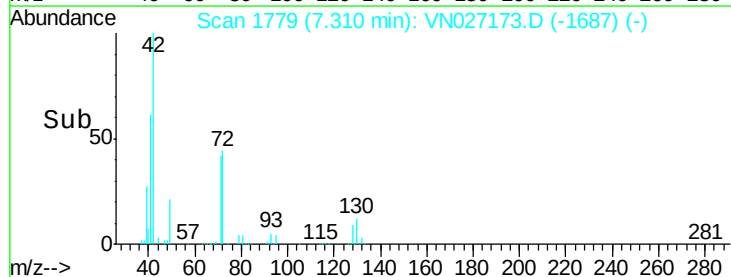
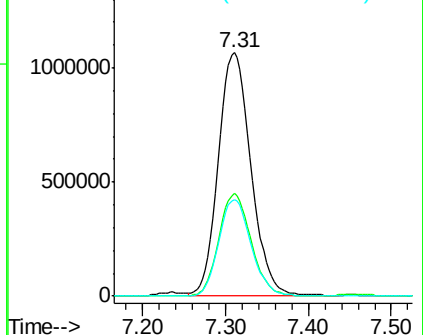
71 39.8 28.3 42.5

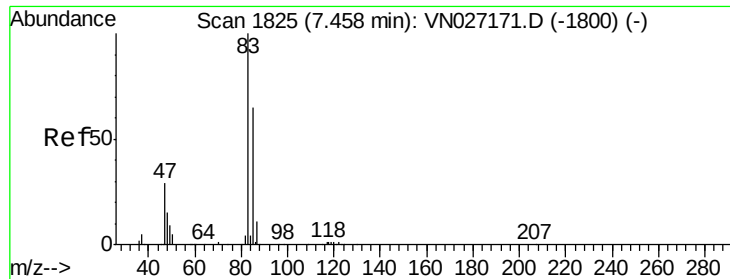


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

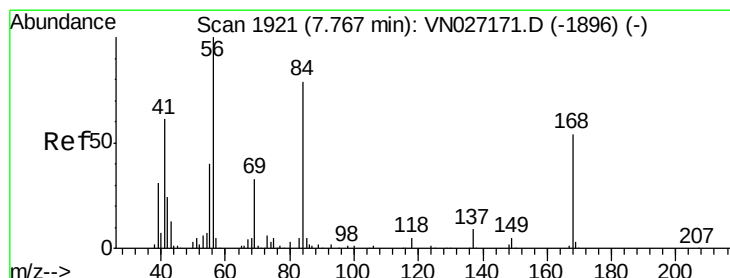
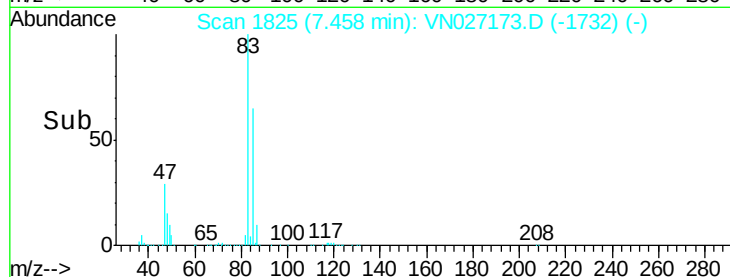
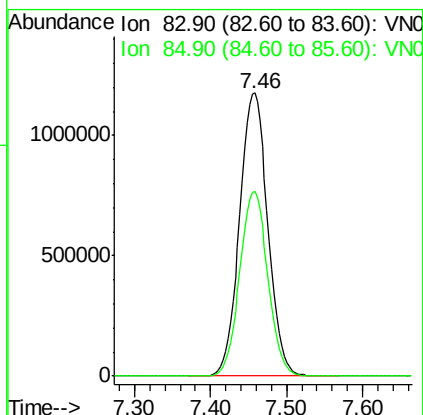
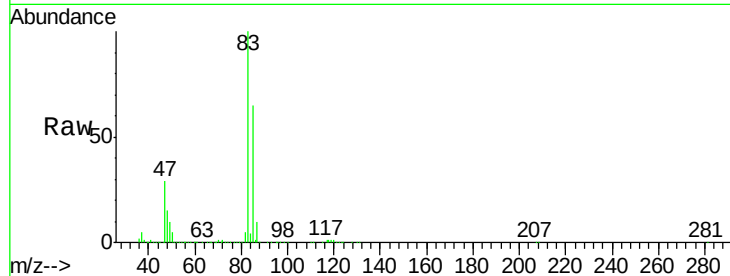




#31
Chloroform
Concen: 195.44 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

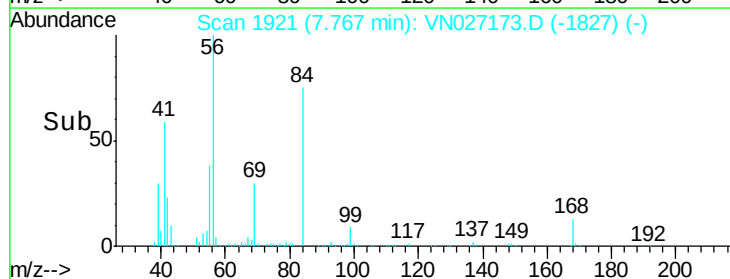
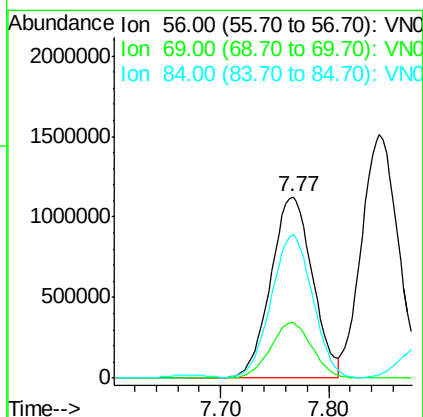
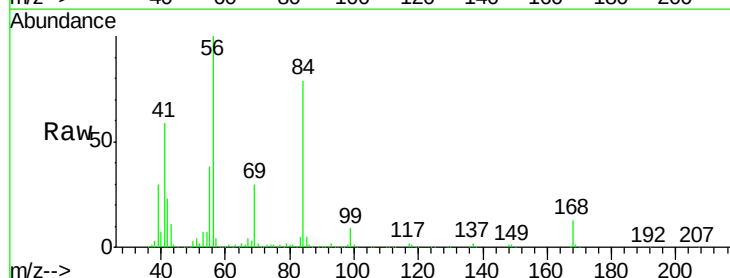
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC200

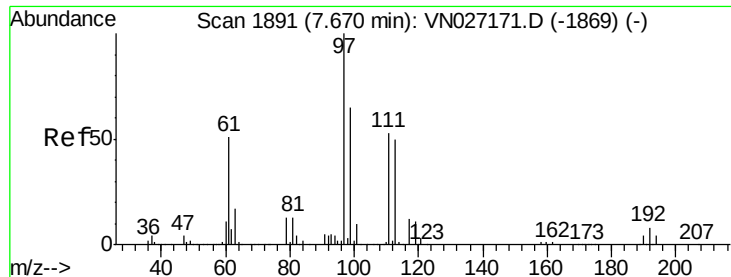
Tgt Ion: 83 Resp: 3029011
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7



#32
Cyclohexane
Concen: 200.60 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

Tgt Ion: 56 Resp: 3020729
Ion Ratio Lower Upper
56 100
69 30.3 23.0 34.4
84 77.2 57.8 86.8

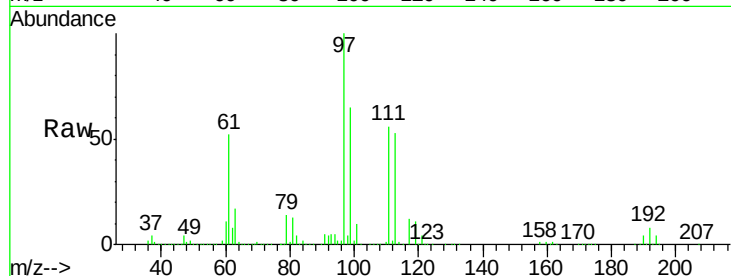




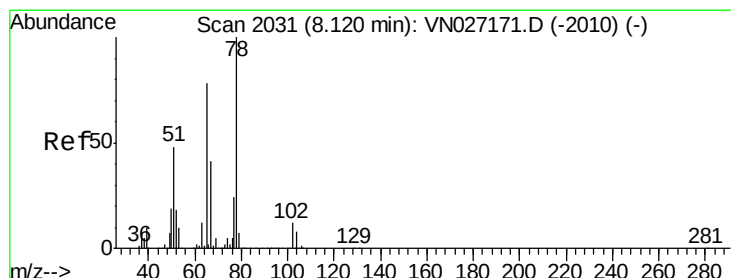
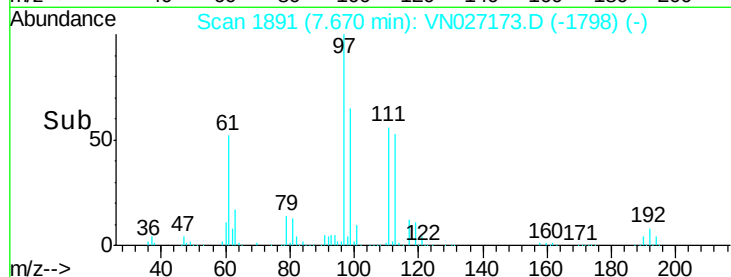
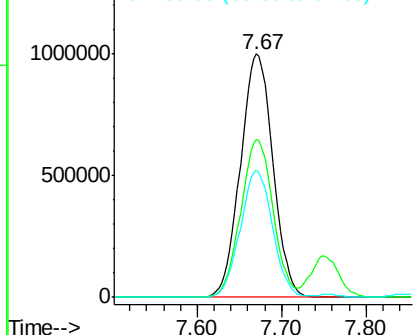
#33
 1,1,1-Trichloroethane
 Concen: 193.43 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

Tgt Ion: 97 Resp: 2672918
 Ion Ratio Lower Upper
 97 100
 99 64.6 50.1 75.1
 61 51.8 44.0 66.0

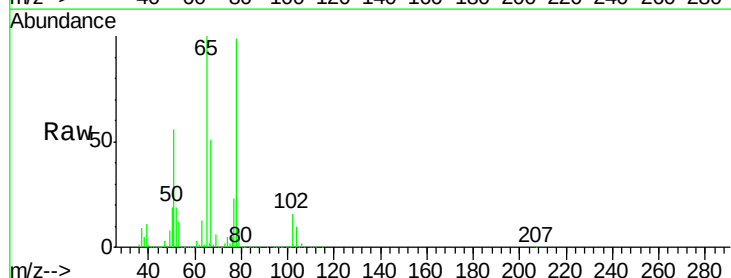


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0

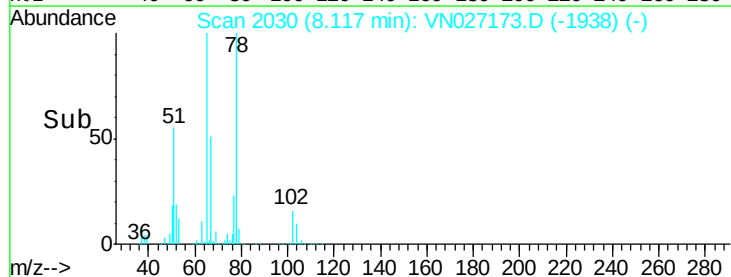
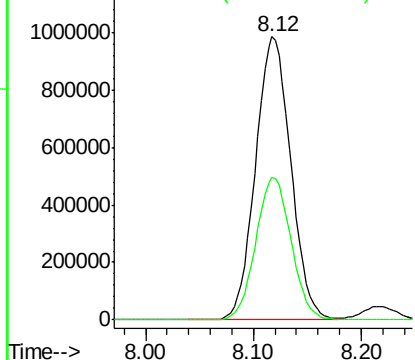


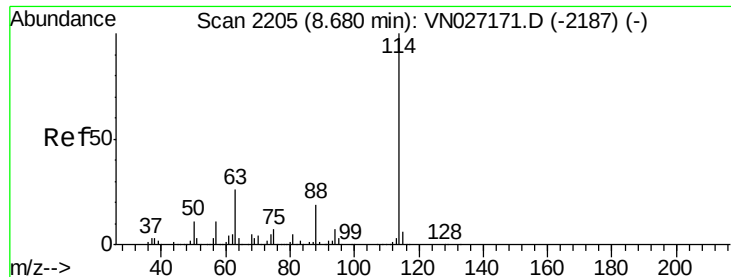
#34
 1,2-Dichloroethane-d4
 Concen: 200.47 ug/l
 RT: 8.12 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 65 Resp: 2228931
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

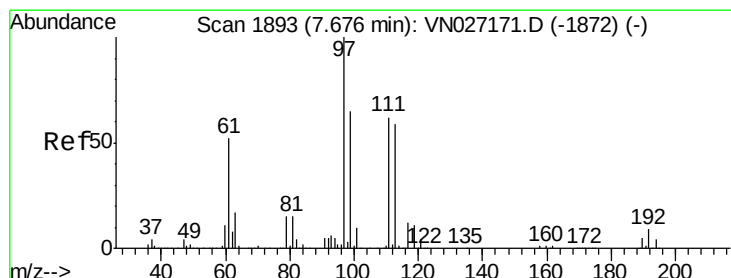
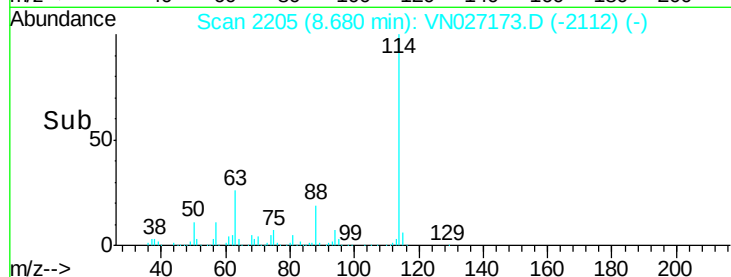
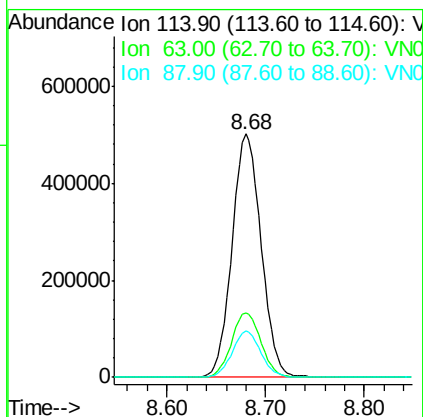
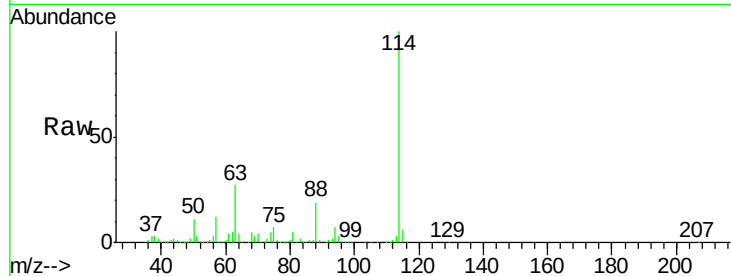




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

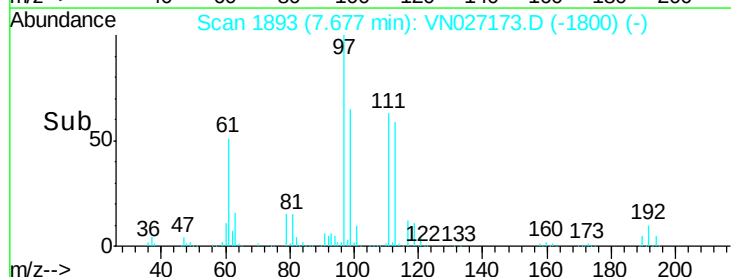
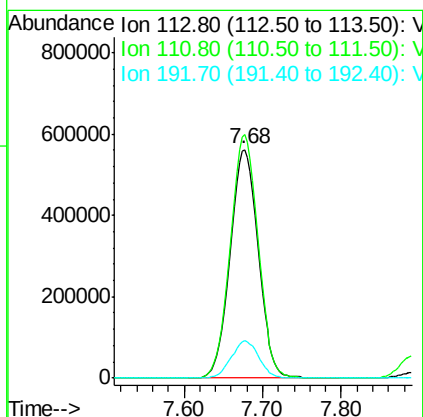
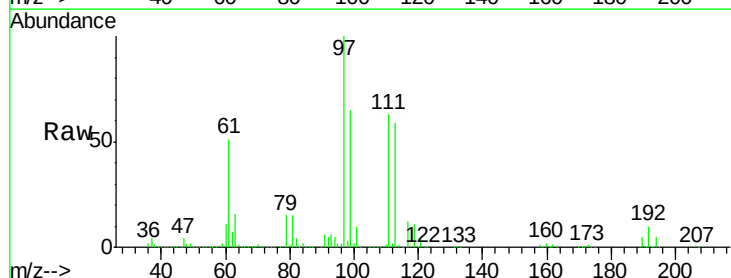
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

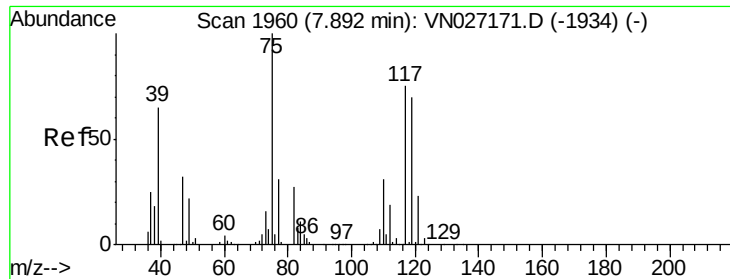
Tgt Ion:114 Resp: 1030287
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 48.8
 88 18.9 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 194.63 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion:113 Resp: 1390023
 Ion Ratio Lower Upper
 113 100
 111 105.7 83.0 124.4
 192 16.1 14.1 21.1

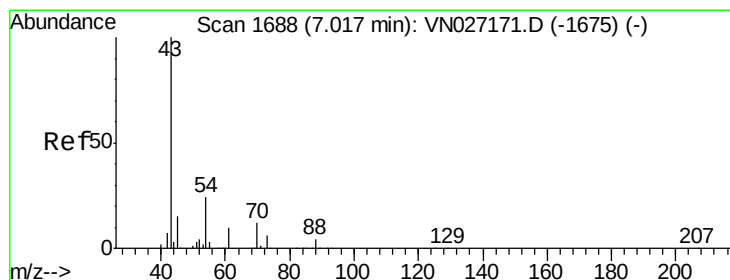
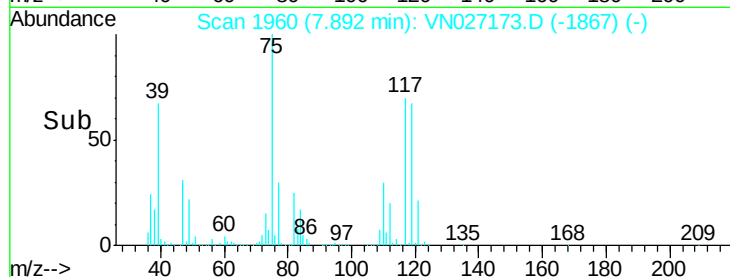
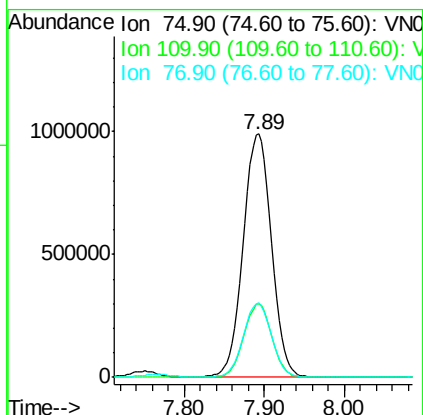
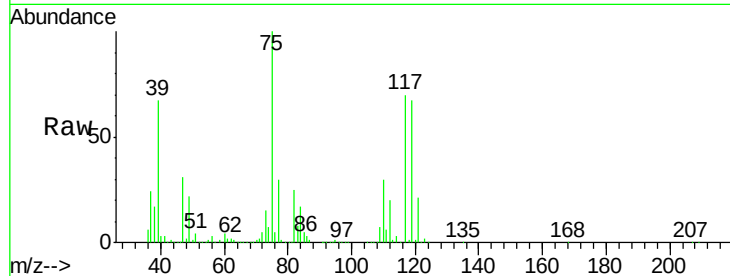




#37
 1,1-Dichloropropene
 Concen: 196.12 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

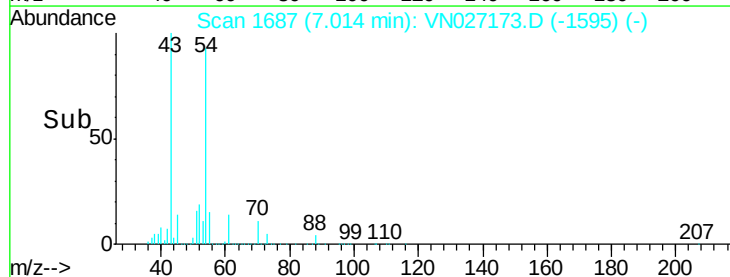
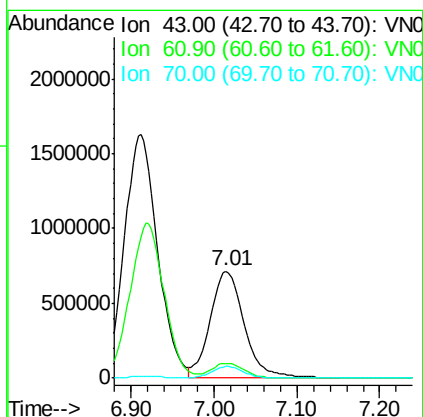
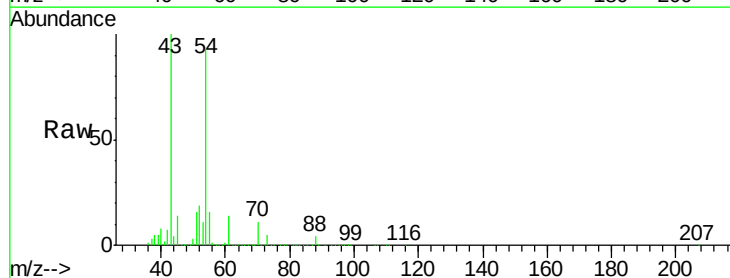
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

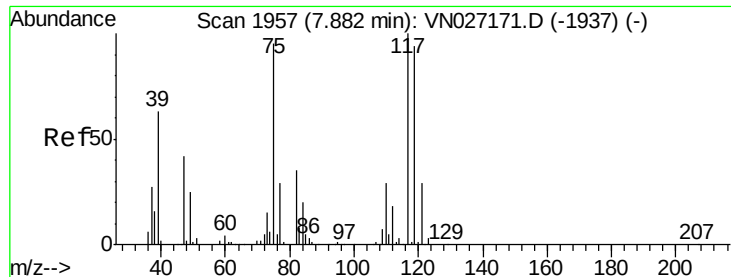
Tgt Ion: 75 Resp: 2365445
 Ion Ratio Lower Upper
 75 100
 110 30.1 15.9 47.7
 77 30.4 24.9 37.3



#38
 Ethyl Acetate
 Concen: 198.75 ug/l
 RT: 7.01 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 43 Resp: 2005288
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.2 15.4
 70 10.2 7.4 11.0





#39

Carbon Tetrachloride

Concen: 190.07 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC200

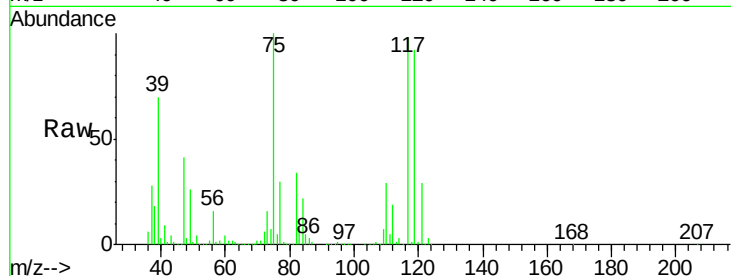
Tgt Ion:117 Resp: 2155158

Ion Ratio Lower Upper

117 100

119 93.7 75.3 112.9

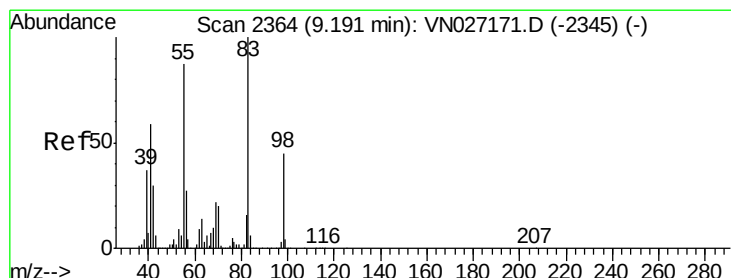
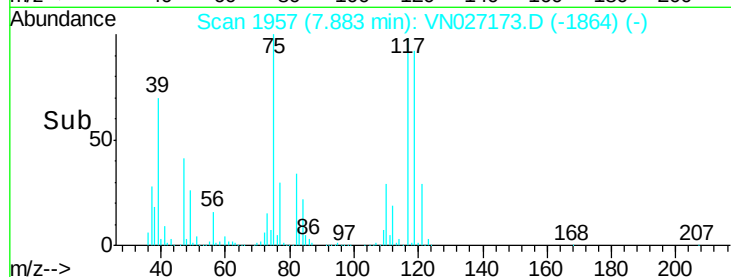
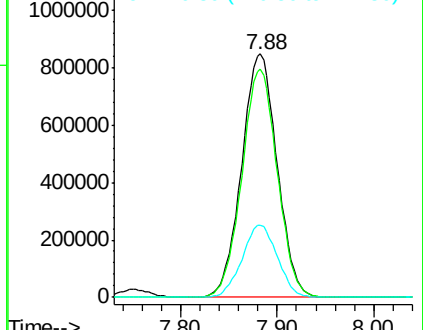
121 29.7 23.8 35.8



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: 194.18 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

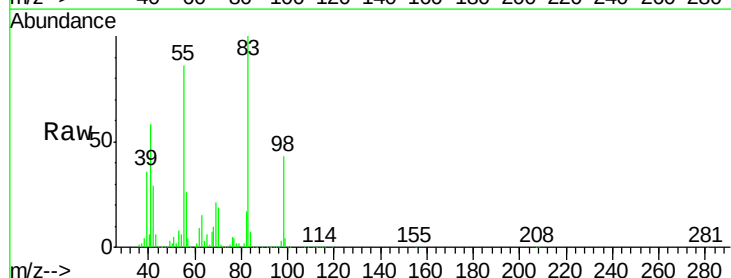
Tgt Ion: 83 Resp: 2851881

Ion Ratio Lower Upper

83 100

55 85.7 69.8 104.8

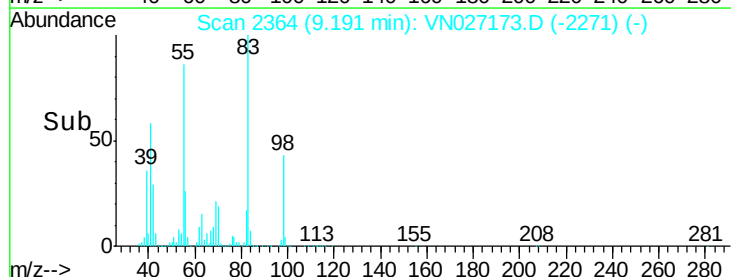
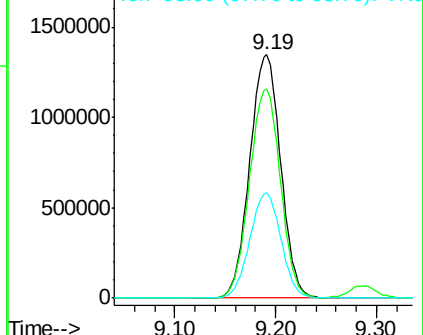
98 43.2 34.3 51.5

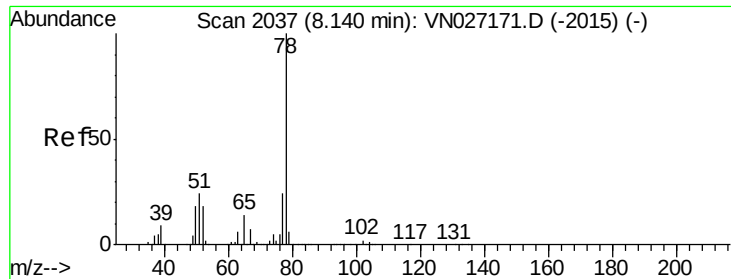


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 188.40 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

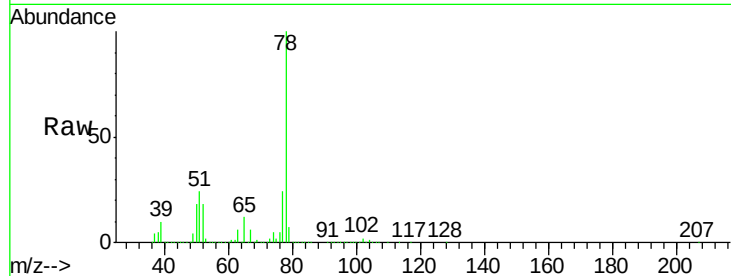
VSTDIC200

Tgt Ion: 78 Resp: 6629646

Ion Ratio Lower Upper

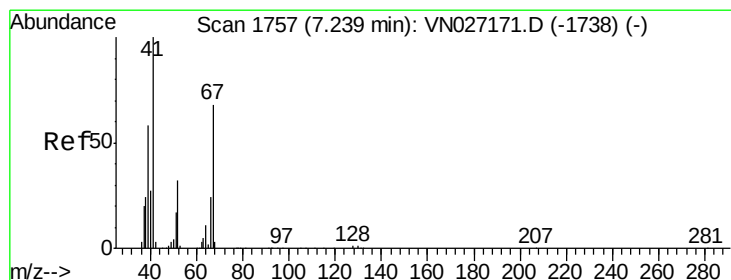
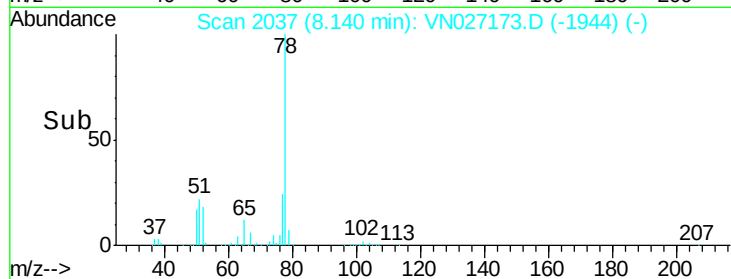
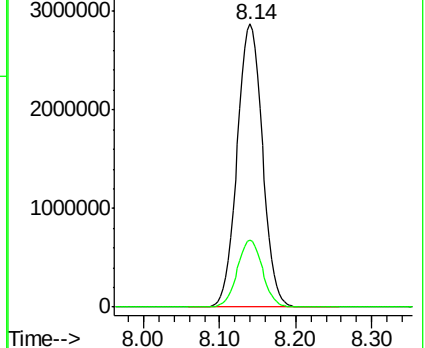
78 100

77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VNC

Ion 77.00 (76.70 to 77.70): VNC



#42

Methacrylonitrile

Concen: 202.46 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Tgt Ion: 41 Resp: 1180315

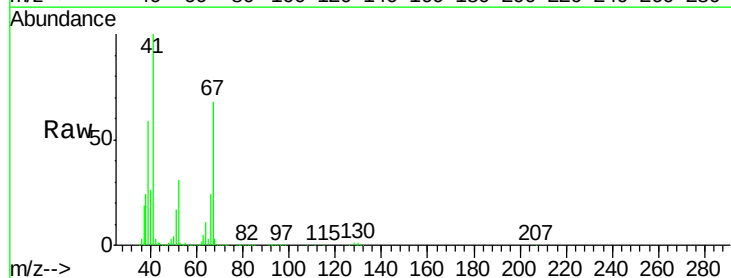
Ion Ratio Lower Upper

41 100

39 59.1 43.0 64.6

67 71.3 52.2 78.2

52 32.2 21.3 31.9#

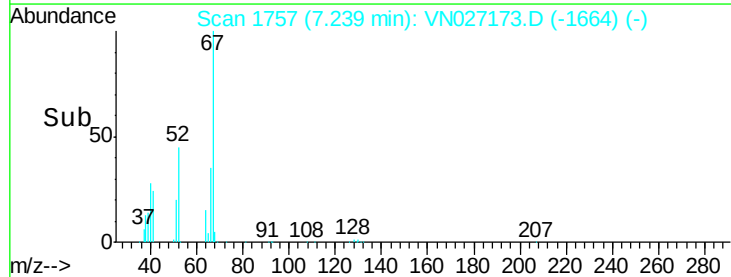
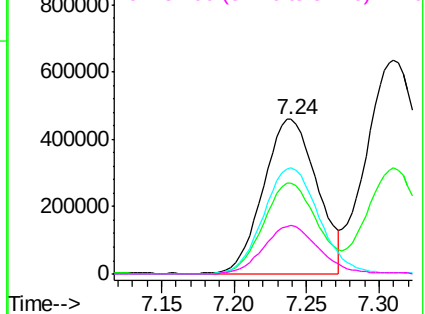


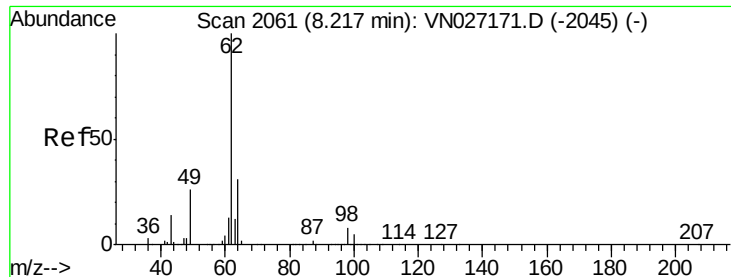
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC

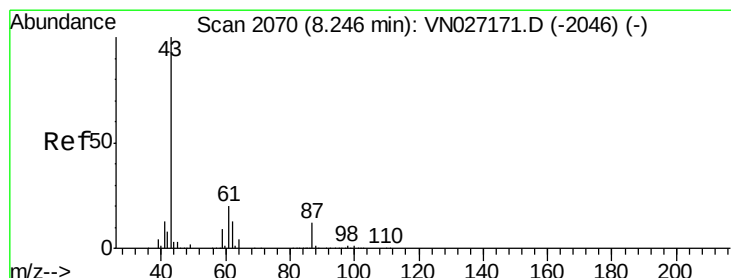
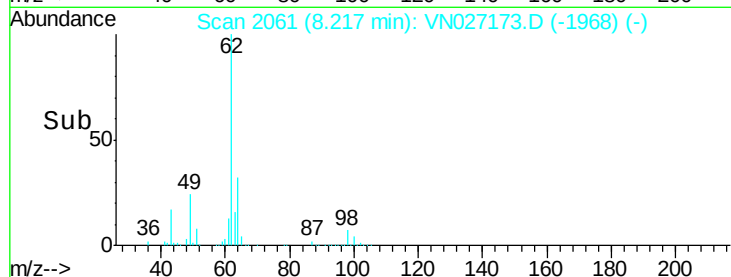
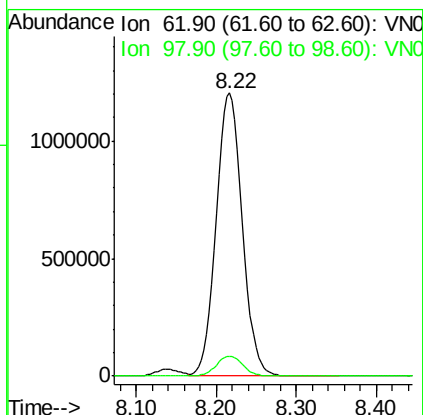
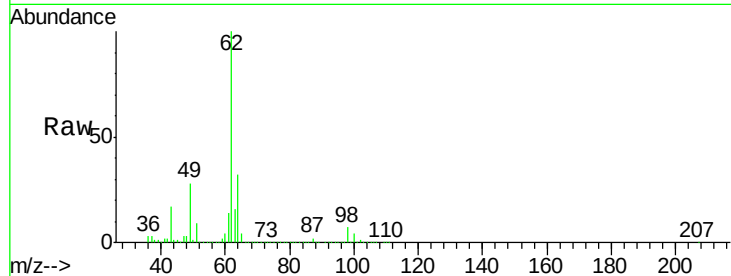




#43
 1,2-Dichloroethane
 Concen: 191.85 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

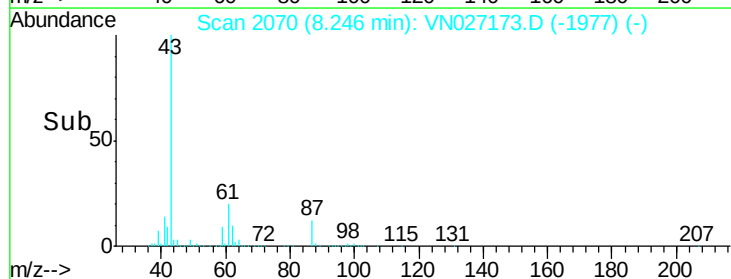
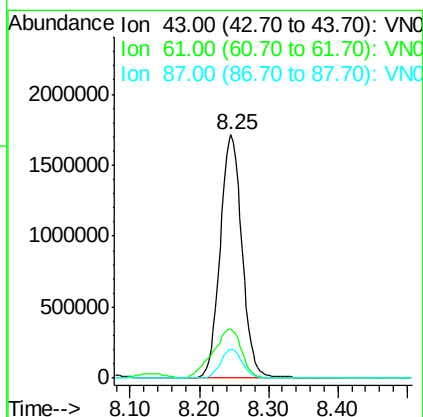
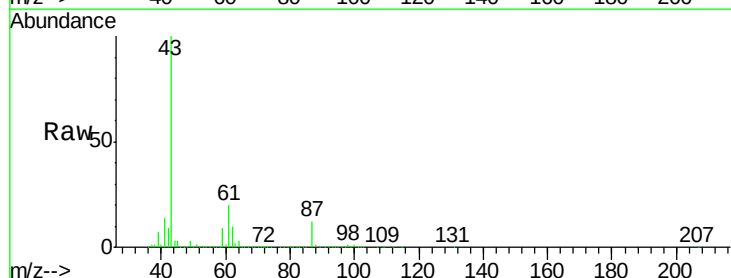
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

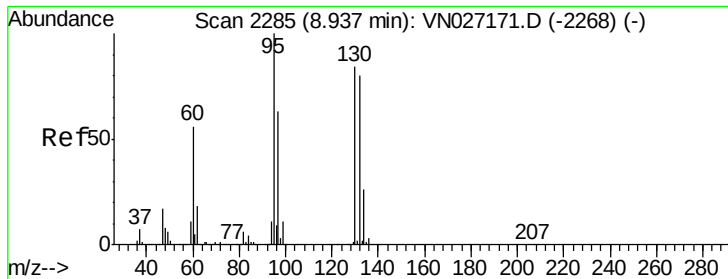
Tgt Ion: 62 Resp: 2719599
 Ion Ratio Lower Upper
 62 100
 98 7.1 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 194.08 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 43 Resp: 3740429
 Ion Ratio Lower Upper
 43 100
 61 26.6 20.6 31.0
 87 11.9 8.6 13.0





#45

Trichloroethene

Concen: 193.40 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

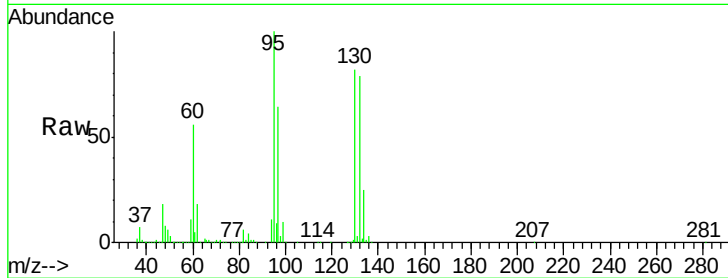
VSTDIC200

Tgt Ion:130 Resp: 1366939

Ion Ratio Lower Upper

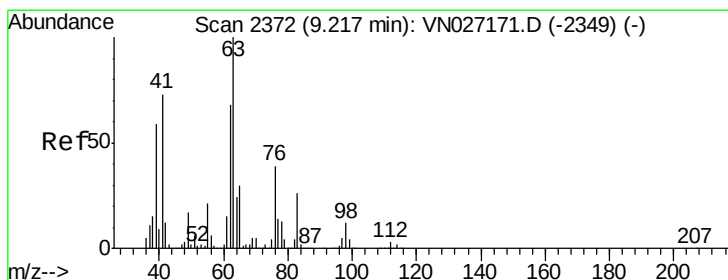
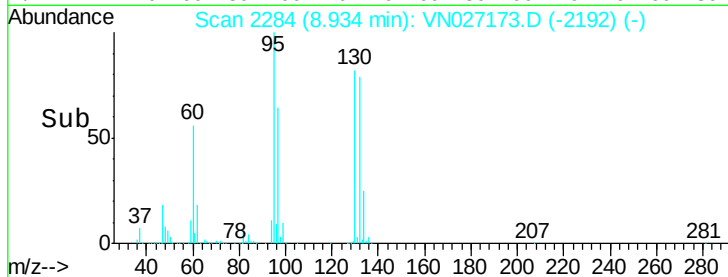
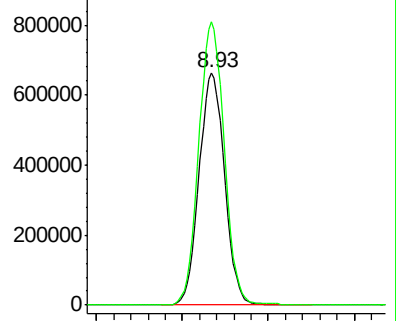
130 100

95 121.7 0.0 222.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#46

1,2-Dichloropropane

Concen: 184.79 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027173.D

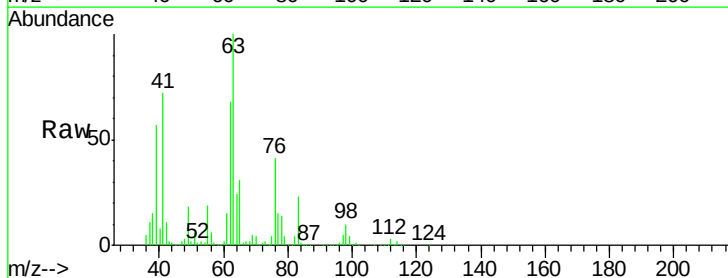
Acq: 15 Sep 2015 17:47

Tgt Ion: 63 Resp: 1870810

Ion Ratio Lower Upper

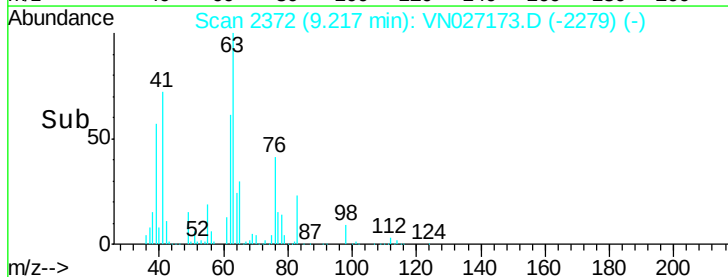
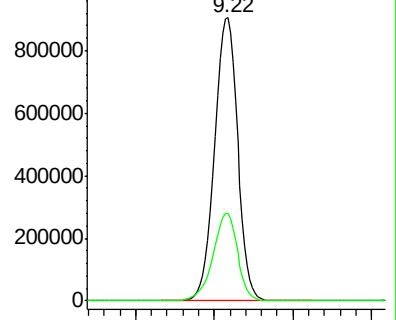
63 100

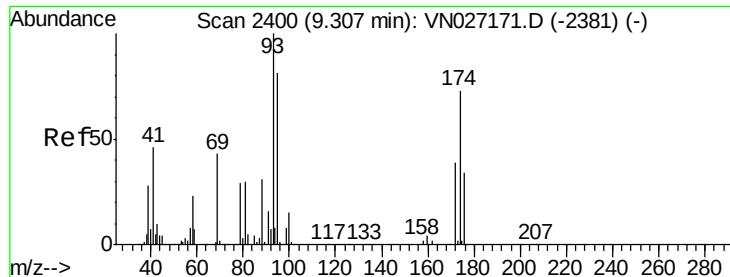
65 30.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#47

Dibromomethane

Concen: 188.26 ug/l

RT: 9.30 min Scan# 2399

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC200

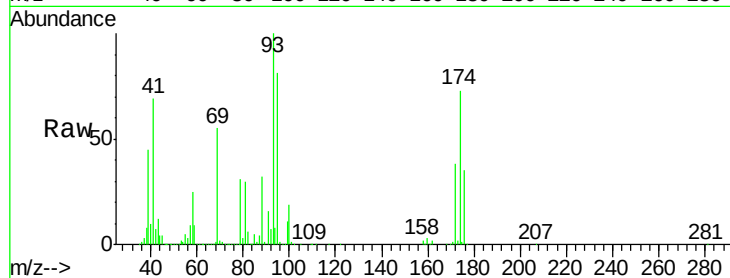
Tgt Ion: 93 Resp: 1119074

Ion Ratio Lower Upper

93 100

95 80.3 66.3 99.5

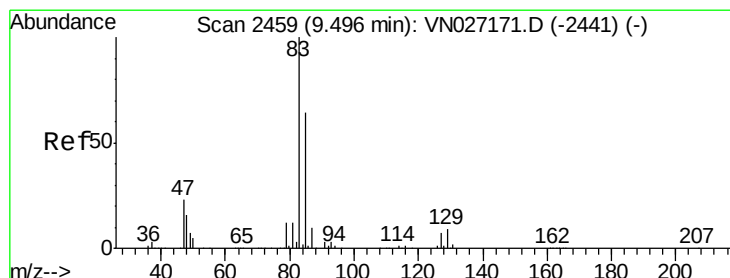
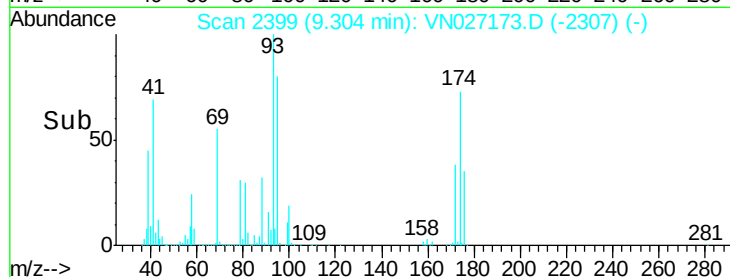
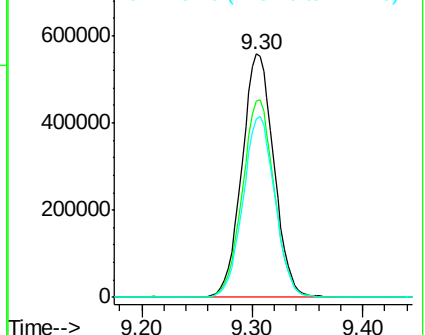
174 73.9 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN027173.D (-2399) (-)

Ion 94.80 (94.50 to 95.50): VN027173.D (-2399) (-)

Ion 173.70 (173.40 to 174.40): VN027173.D (-2399) (-)



#48

Bromodichloromethane

Concen: 193.57 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

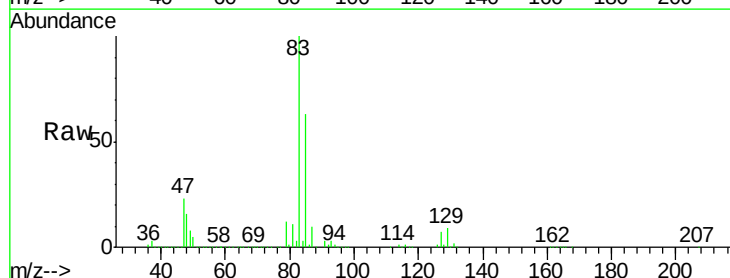
Tgt Ion: 83 Resp: 2424904

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

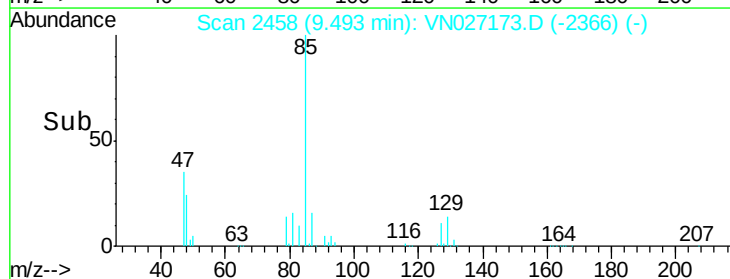
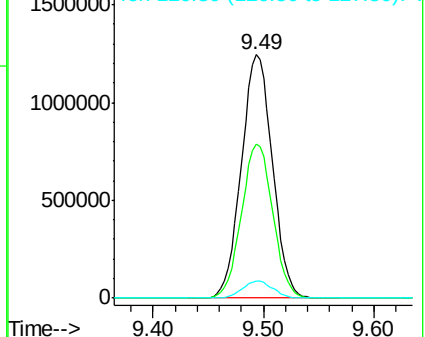
127 7.0 5.5 8.3

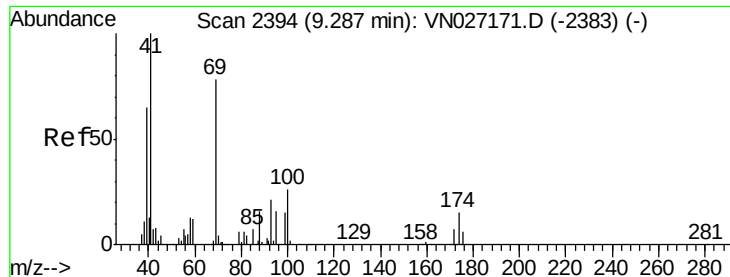


Abundance Ion 82.90 (82.60 to 83.60): VN027173.D (-2458) (-)

Ion 84.90 (84.60 to 85.60): VN027173.D (-2458) (-)

Ion 126.80 (126.50 to 127.50): VN027173.D (-2458) (-)





#49

Methyl methacrylate

Concen: 195.48 ug/l

RT: 9.29 min Scan# 2394

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC200

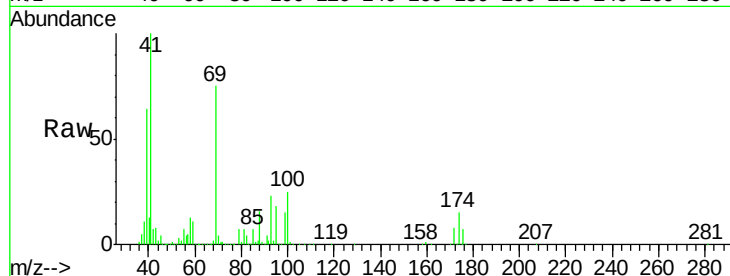
Tgt Ion: 41 Resp: 1876992

Ion Ratio Lower Upper

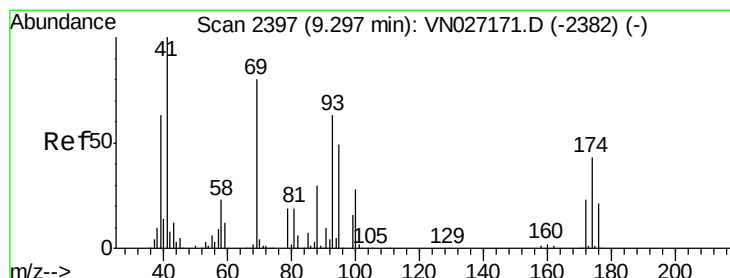
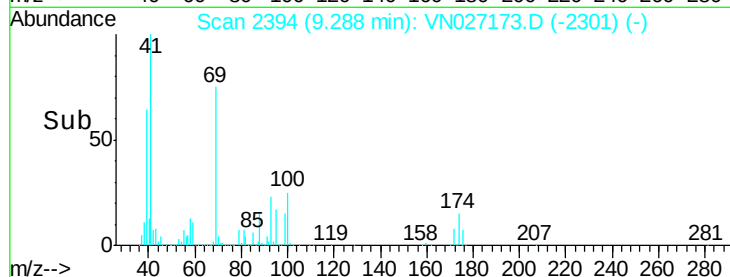
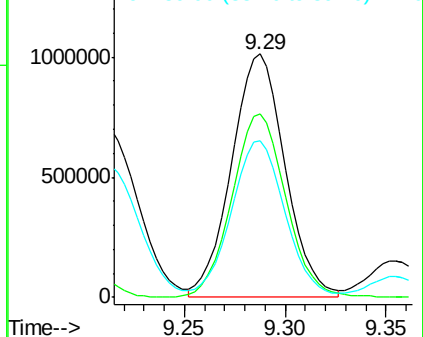
41 100

69 76.0 59.3 88.9

39 64.7 39.5 59.3#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



#50

1,4-Dioxane

Concen: 3716.57 ug/l

RT: 9.30 min Scan# 2397

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

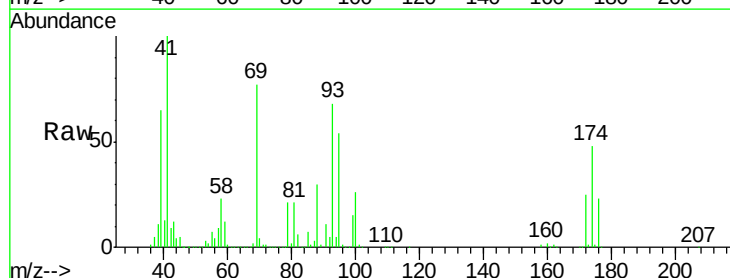
Tgt Ion: 88 Resp: 418549

Ion Ratio Lower Upper

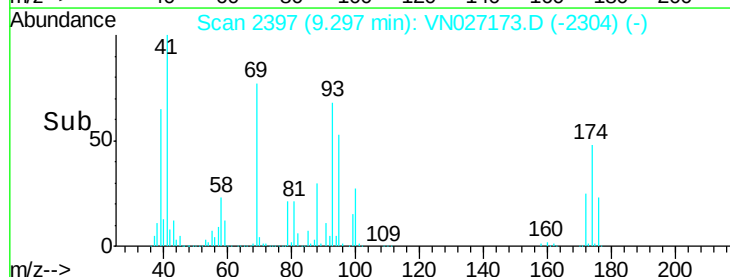
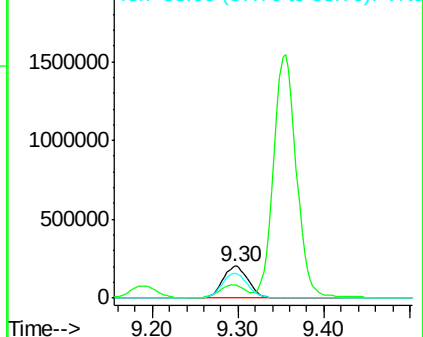
88 100

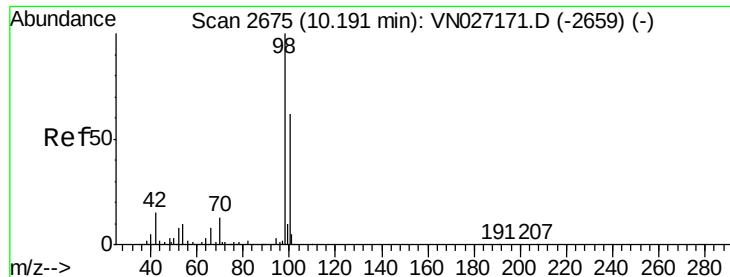
43 40.1 27.6 41.4

58 78.6 63.1 94.7



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#51

Toluene-d8

Concen: 196.75 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

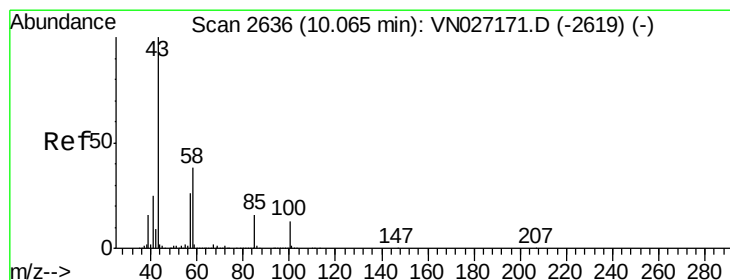
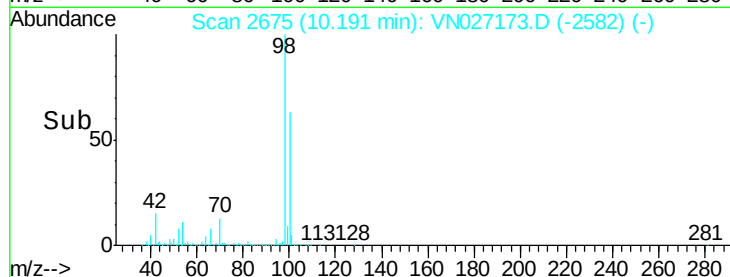
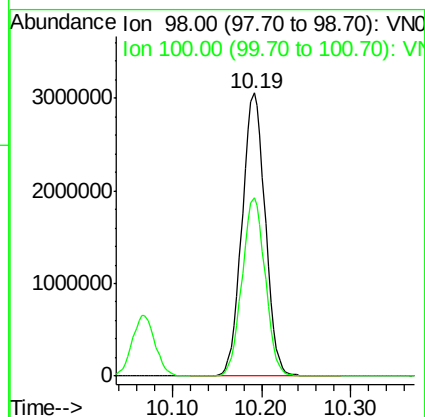
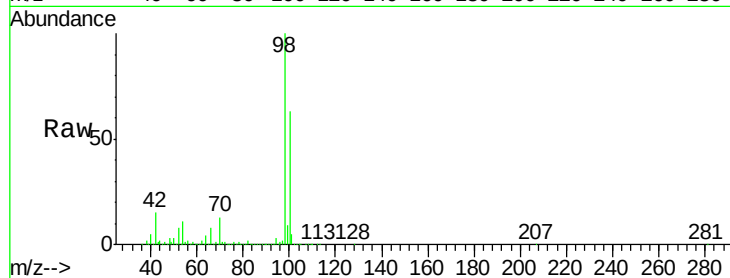
VSTDIC200

Tgt Ion: 98 Resp: 5501767

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 916.28 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027173.D

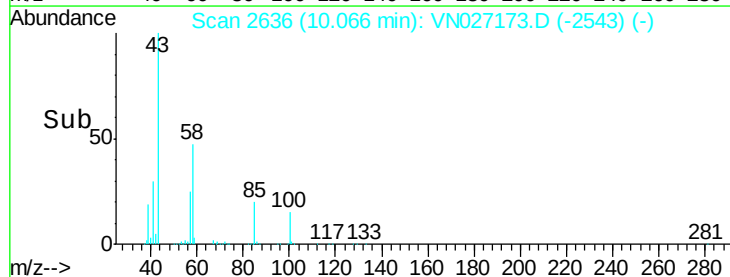
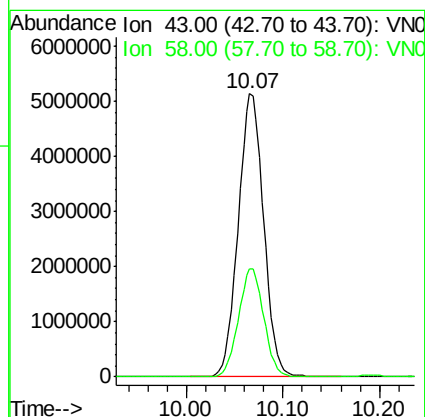
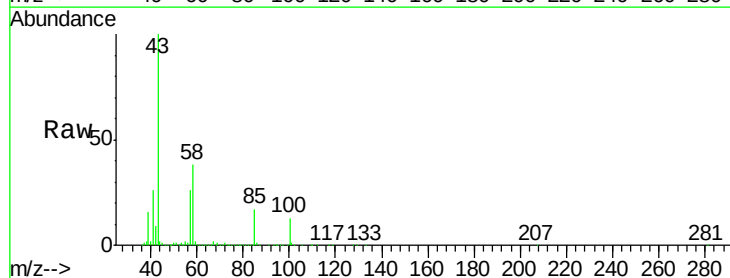
Acq: 15 Sep 2015 17:47

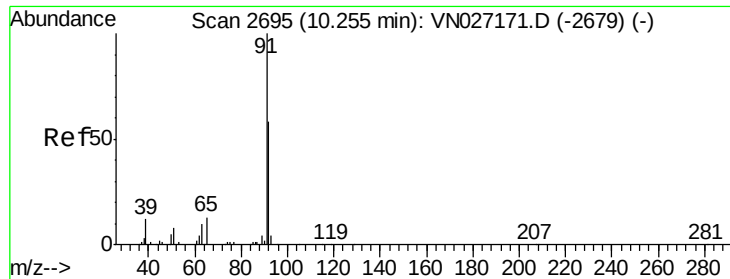
Tgt Ion: 43 Resp: 9336793

Ion Ratio Lower Upper

43 100

58 38.1 29.8 44.8





#53

Toluene

Concen: 191.69 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

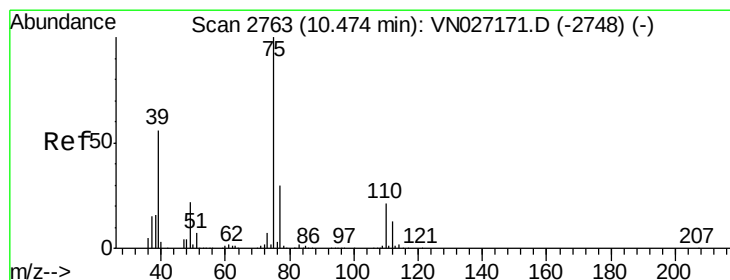
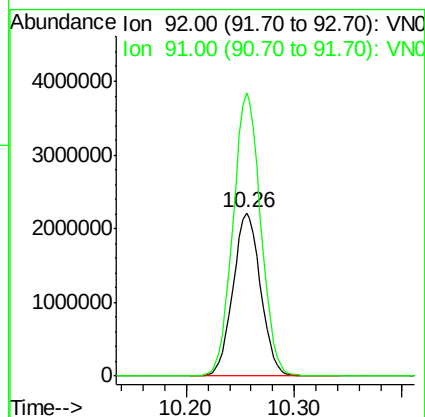
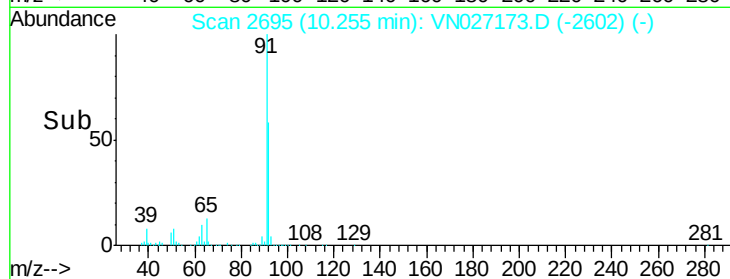
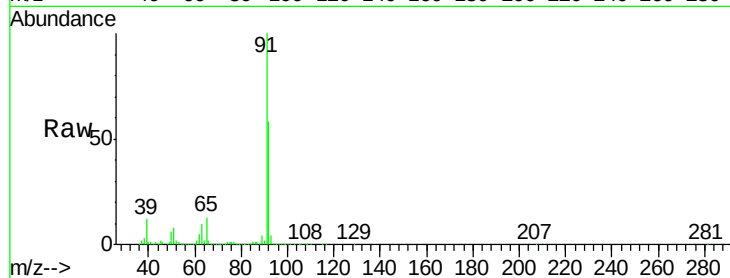
VSTDIC200

Tgt Ion: 92 Resp: 3951098

Ion Ratio Lower Upper

92 100

91 174.4 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 198.33 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027173.D

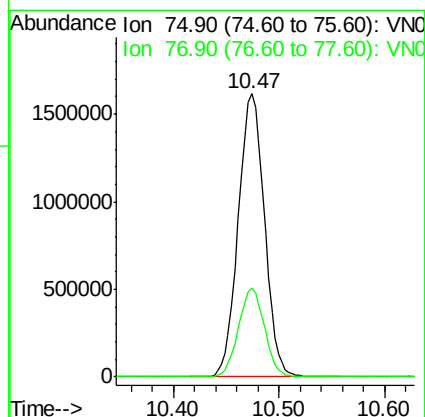
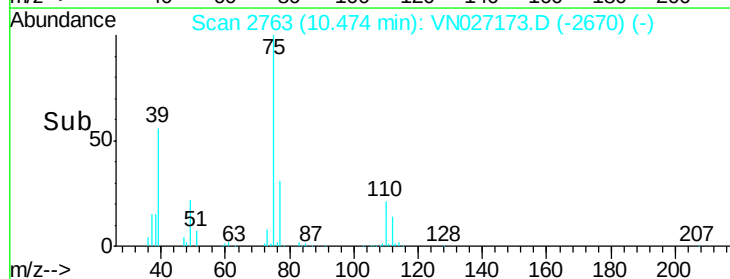
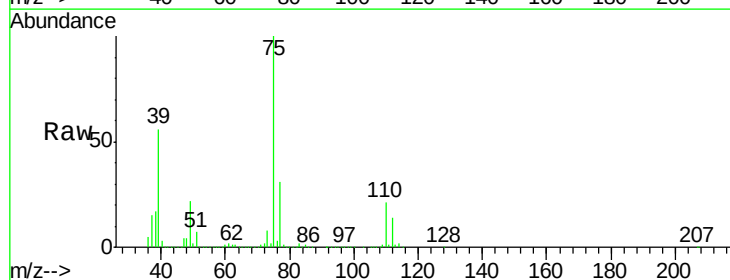
Acq: 15 Sep 2015 17:47

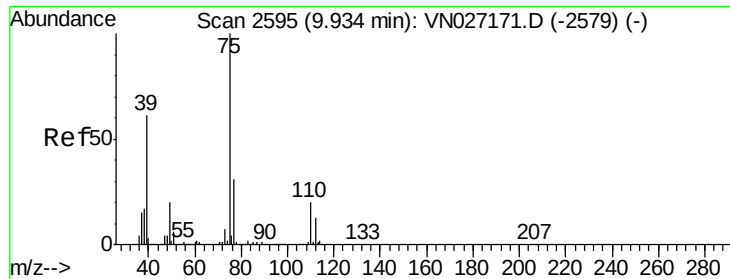
Tgt Ion: 75 Resp: 2790099

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 192.60 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC200

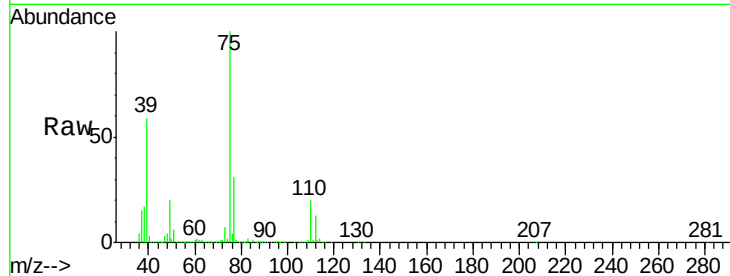
Tgt Ion: 75 Resp: 2947599

Ion Ratio Lower Upper

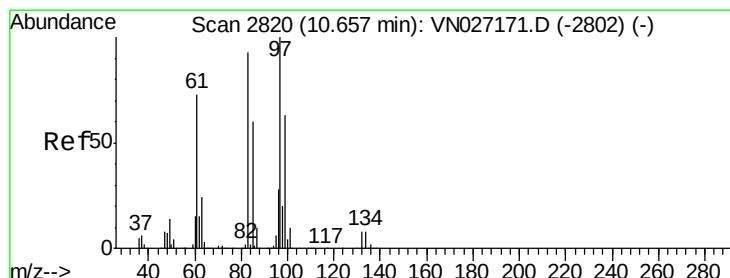
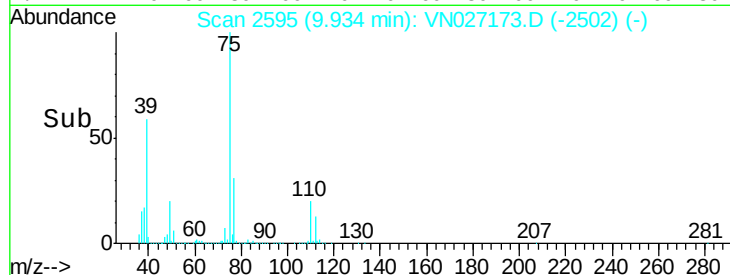
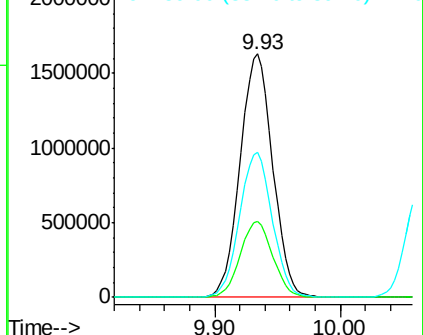
75 100

77 31.3 25.6 38.4

39 59.3 41.6 62.4



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



#56

1,1,2-Trichloroethane

Concen: 188.44 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Tgt Ion: 97 Resp: 1459755

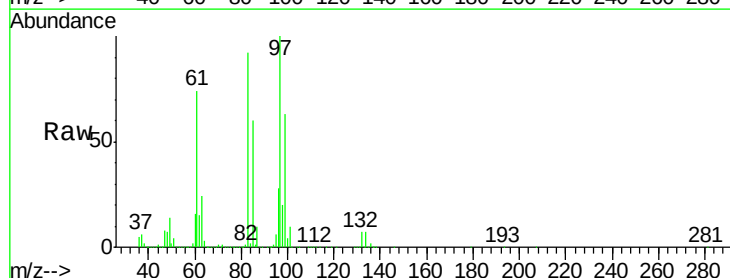
Ion Ratio Lower Upper

97 100

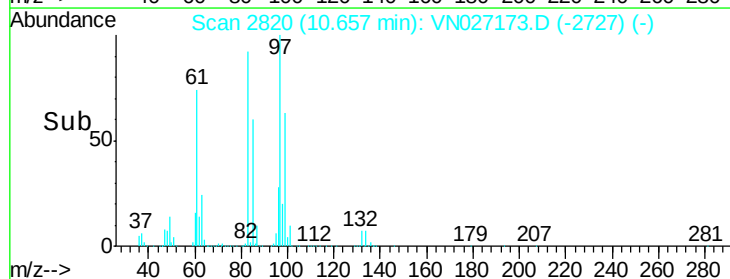
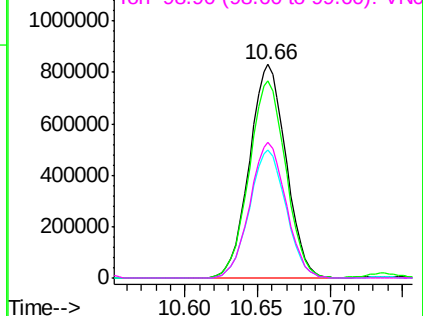
83 92.3 75.0 112.4

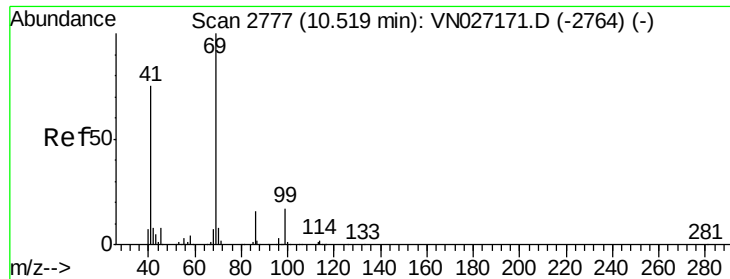
85 59.8 48.0 72.0

99 63.3 50.3 75.5



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





#57

Ethyl methacrylate

Concen: 192.49 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC200

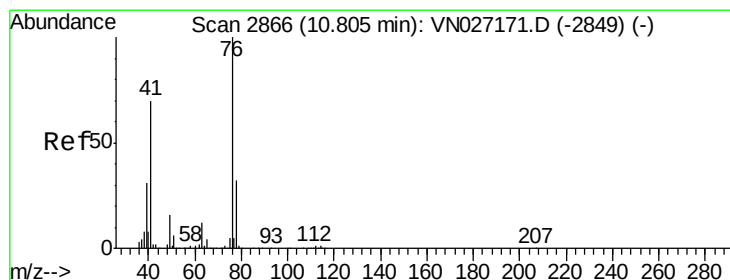
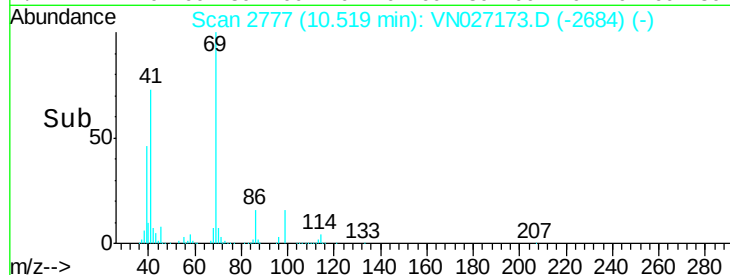
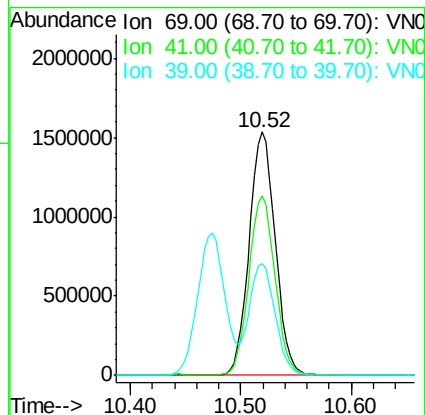
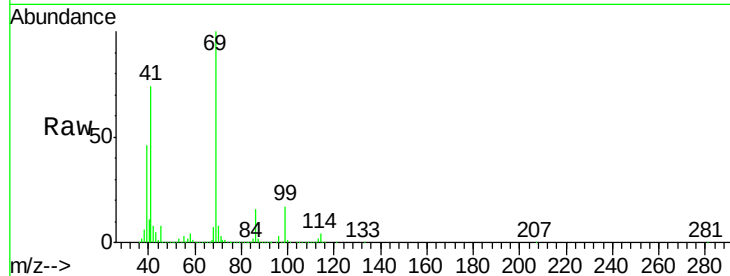
Tgt Ion: 69 Resp: 2512876

Ion Ratio Lower Upper

69 100

41 73.7 61.3 91.9

39 46.5 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 189.78 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027173.D

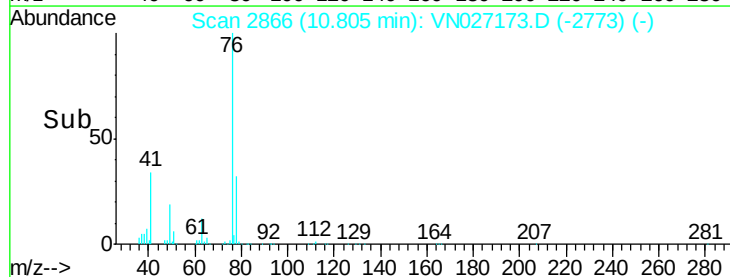
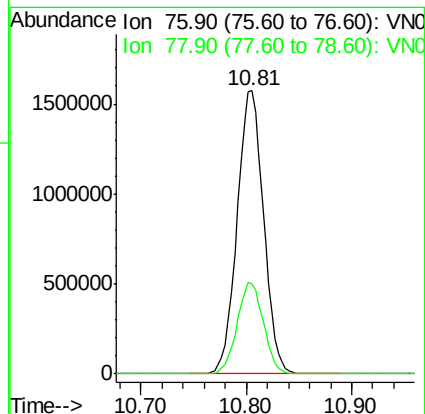
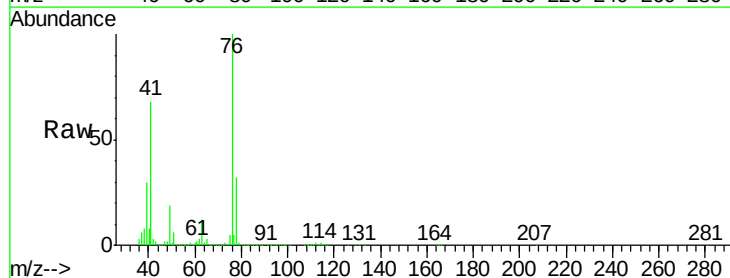
Acq: 15 Sep 2015 17:47

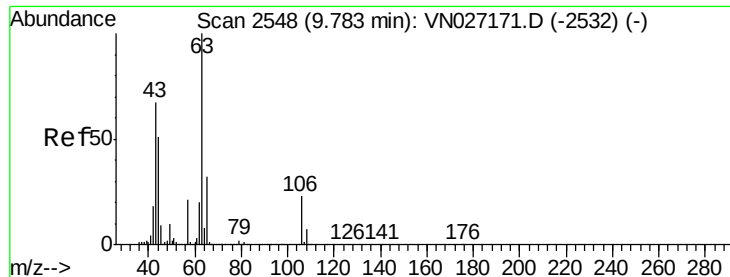
Tgt Ion: 76 Resp: 2729053

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6

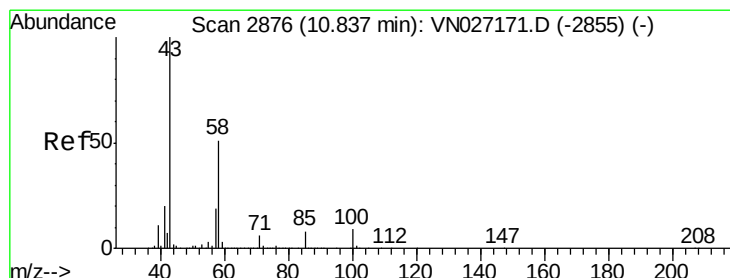
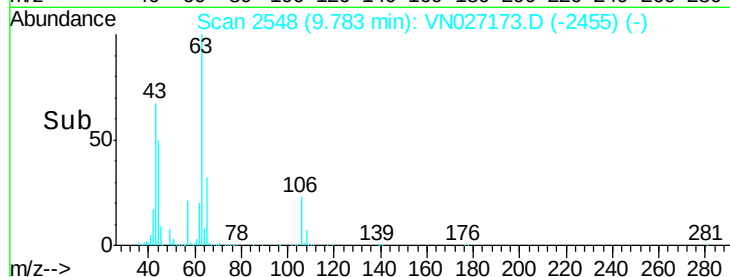
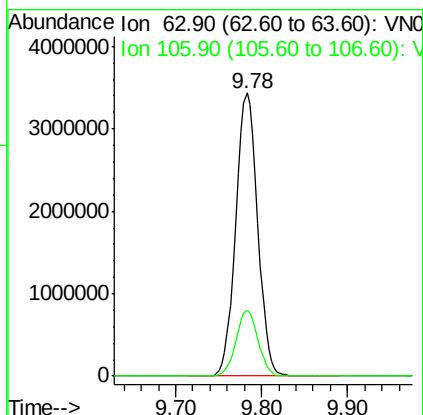
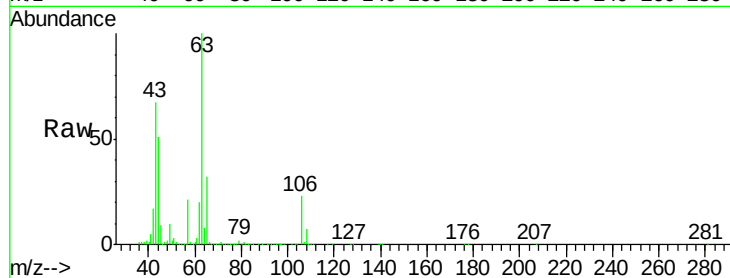




#59
 2-Chloroethyl Vinyl ether
 Concen: 1010.71 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

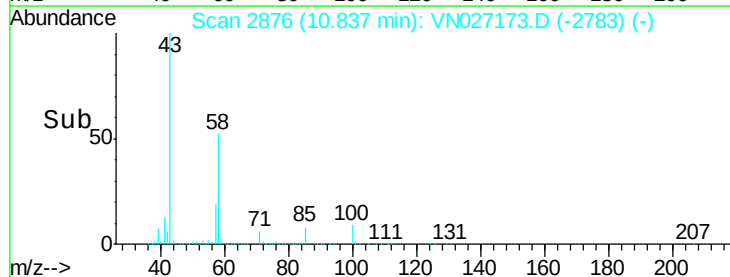
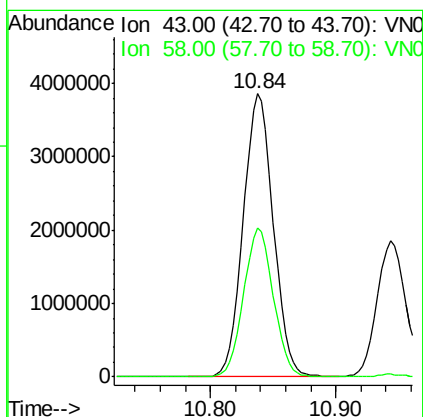
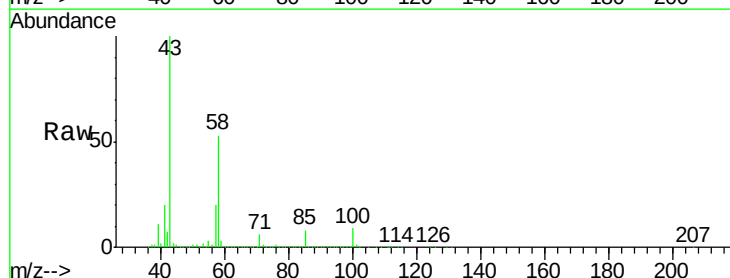
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

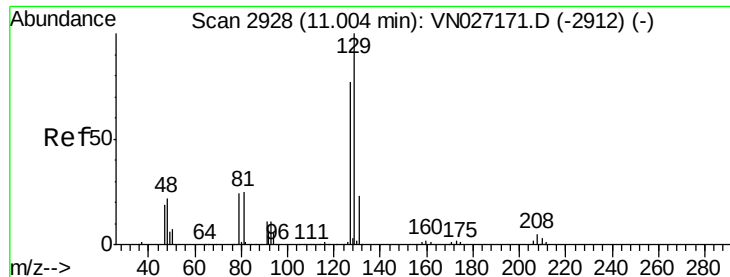
Tgt Ion: 63 Resp: 6058092
 Ion Ratio Lower Upper
 63 100
 106 23.3 17.7 26.5



#60
 2-Hexanone
 Concen: 925.90 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 43 Resp: 6423612
 Ion Ratio Lower Upper
 43 100
 58 52.2 26.2 78.5





#61

Dibromochloromethane

Concen: 192.01 ug/l

RT: 11.00 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

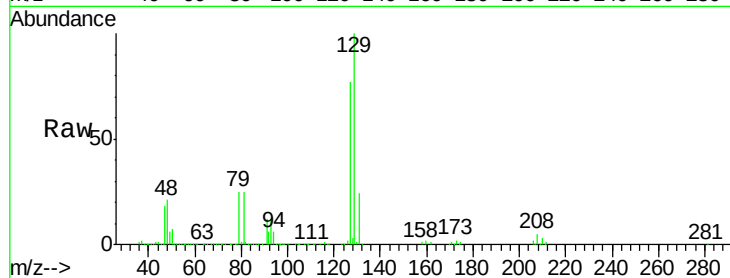
VSTDIC200

Tgt Ion:129 Resp: 1518968

Ion Ratio Lower Upper

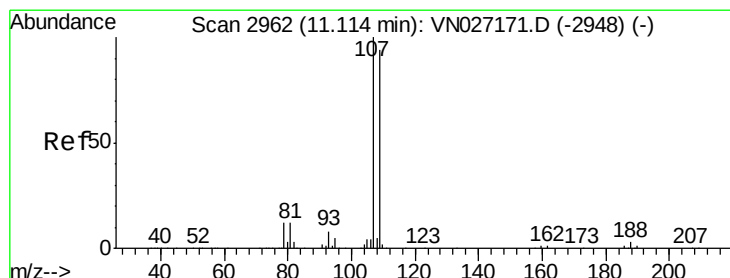
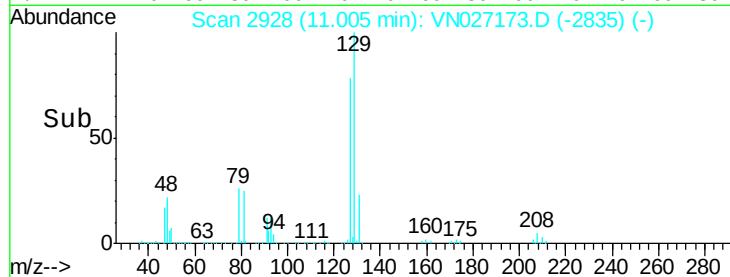
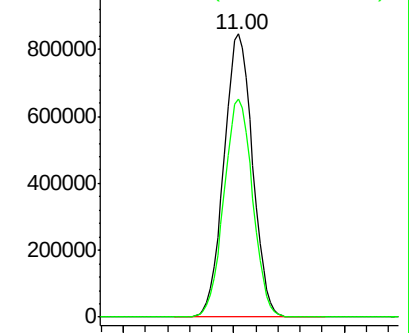
129 100

127 77.3 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

1,2-Dibromoethane

Concen: 192.63 ug/l

RT: 11.11 min Scan# 2962

Delta R.T. 0.00 min

Lab File: VN027173.D

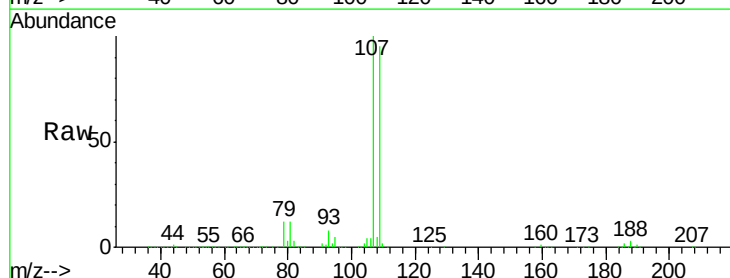
Acq: 15 Sep 2015 17:47

Tgt Ion:107 Resp: 1466380

Ion Ratio Lower Upper

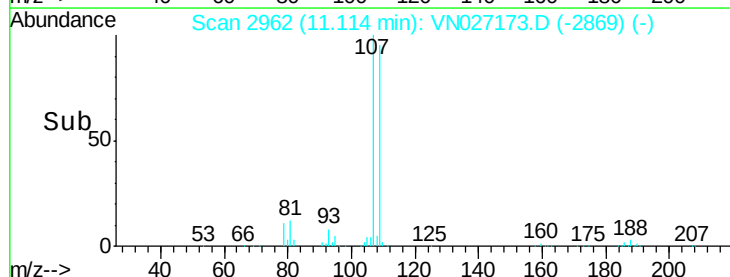
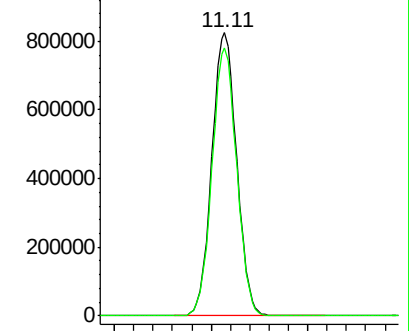
107 100

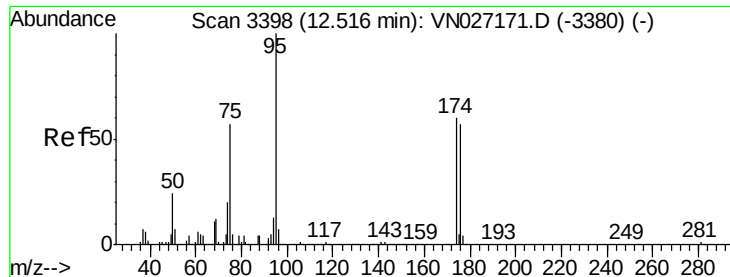
109 93.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

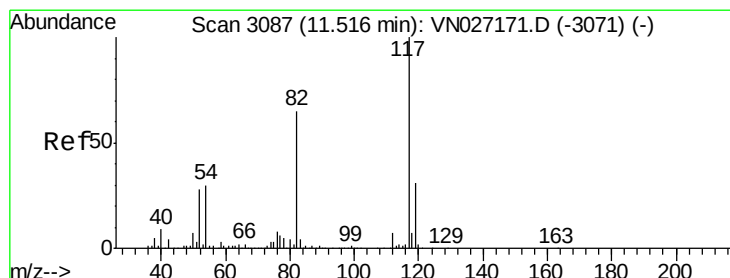
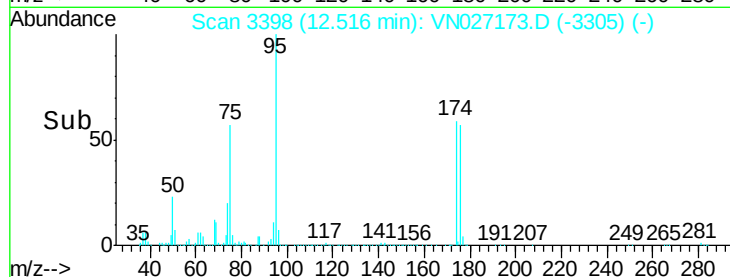
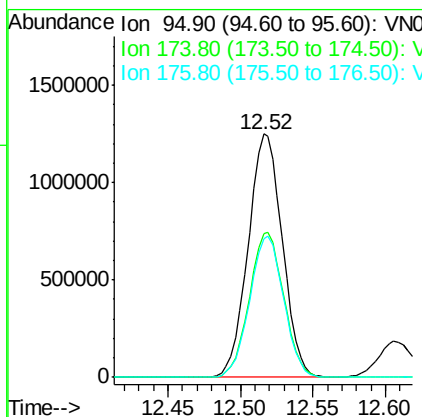
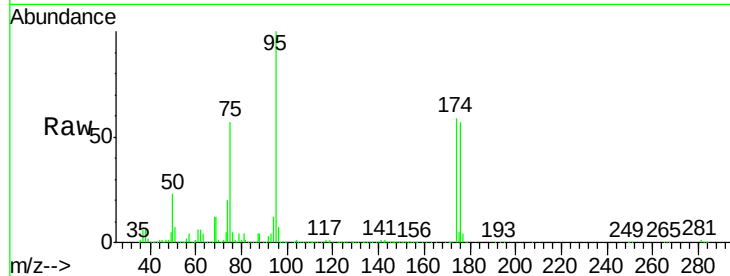




#63
4-Bromofluorobenzene
Concen: 206.73 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

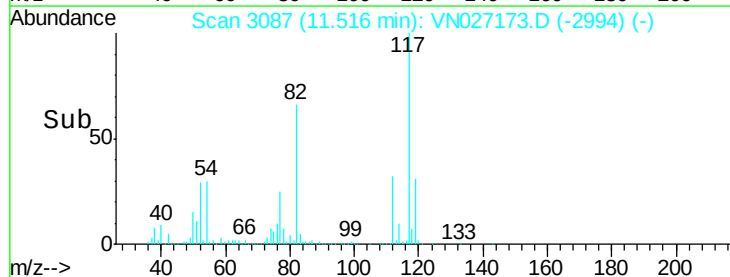
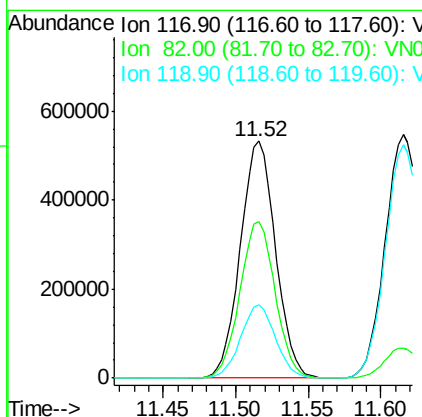
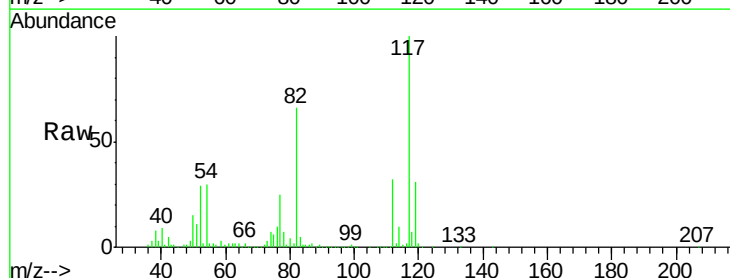
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC200

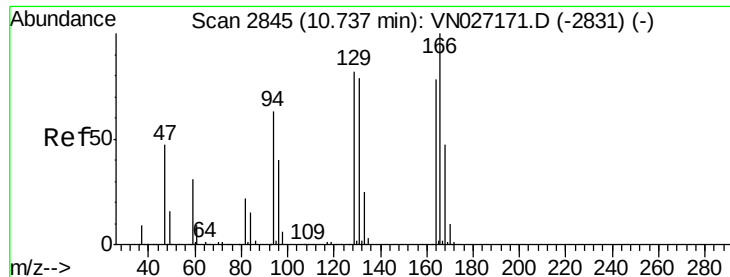
Tgt Ion: 95 Resp: 2051861
Ion Ratio Lower Upper
95 100
174 60.0 0.0 137.0
176 57.8 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027173.D
Acq: 15 Sep 2015 17:47

Tgt Ion: 117 Resp: 900430
Ion Ratio Lower Upper
117 100
82 65.8 49.6 74.4
119 30.9 24.6 36.8





#65

Tetrachloroethene

Concen: 180.81 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC200

Tgt Ion:164 Resp: 1041138

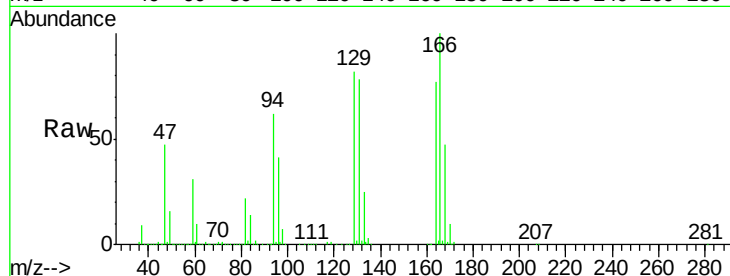
Ion Ratio Lower Upper

164 100

166 129.6 103.4 155.0

129 105.6 77.5 116.3

131 101.2 74.2 111.4

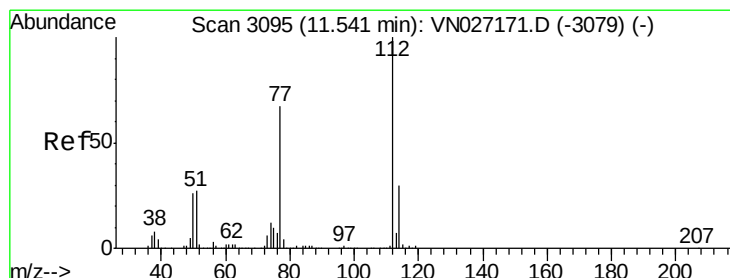
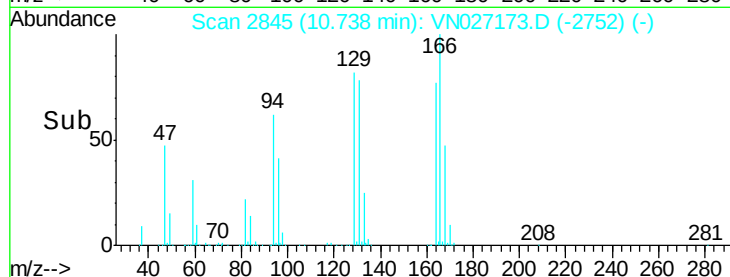
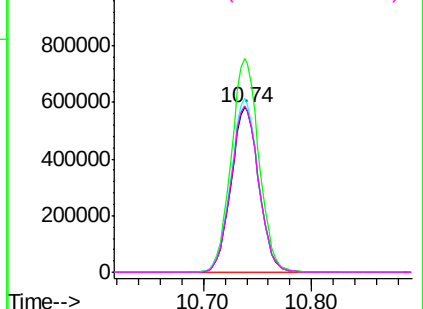


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#66

Chlorobenzene

Concen: 188.42 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027173.D

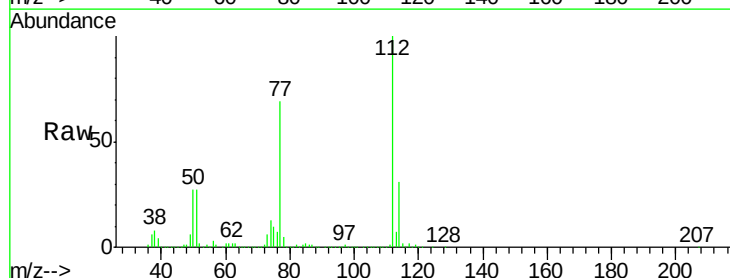
Acq: 15 Sep 2015 17:47

Tgt Ion:112 Resp: 4005333

Ion Ratio Lower Upper

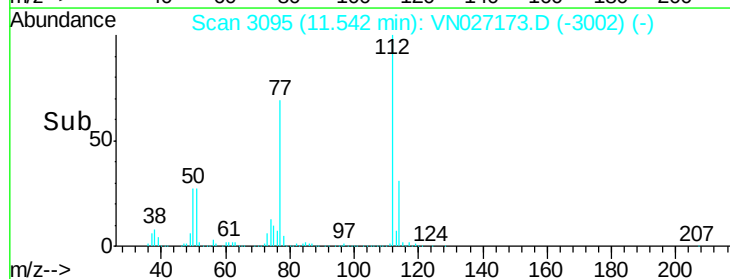
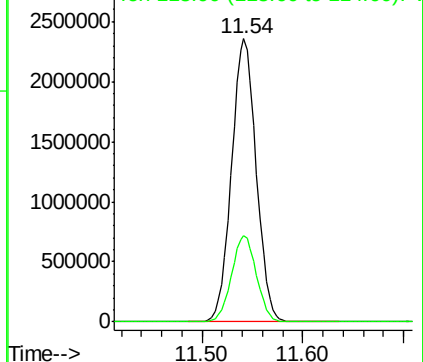
112 100

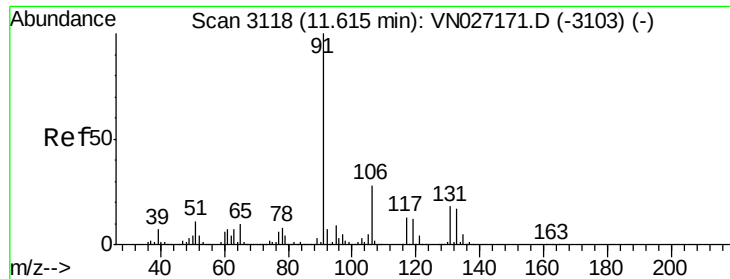
114 30.6 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

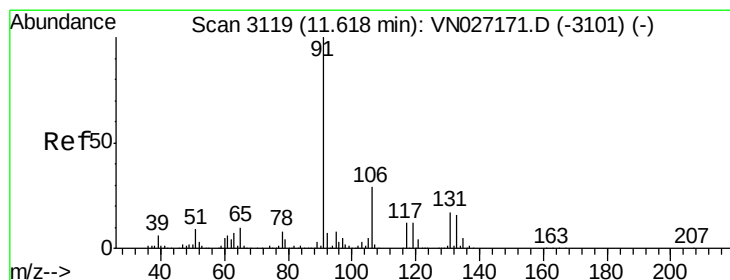
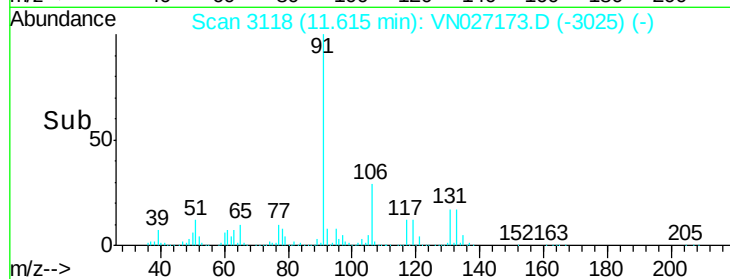
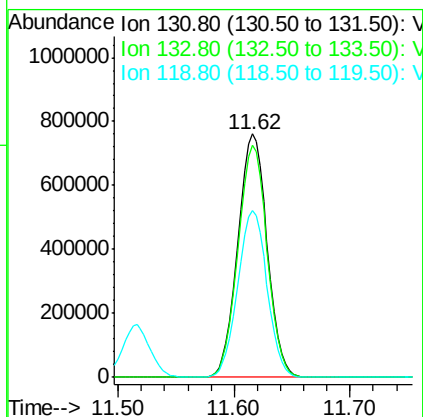
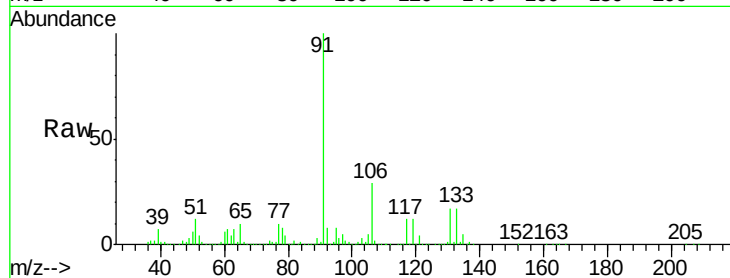




#67
 1,1,1,2-Tetrachloroethane
 Concen: 183.10 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

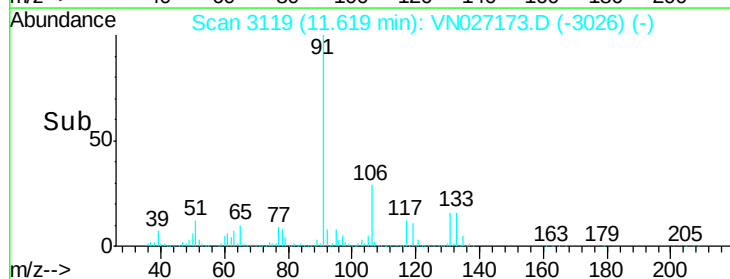
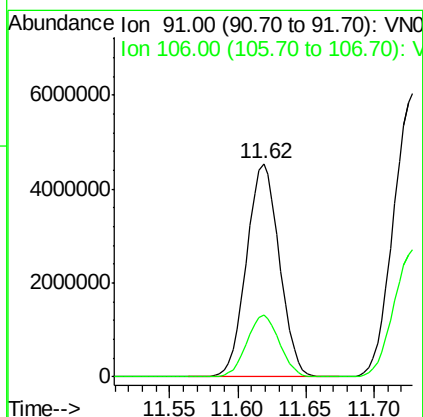
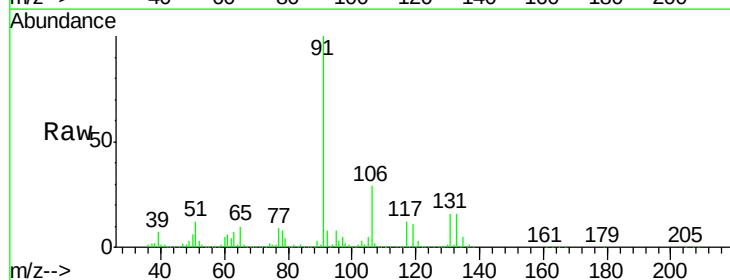
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

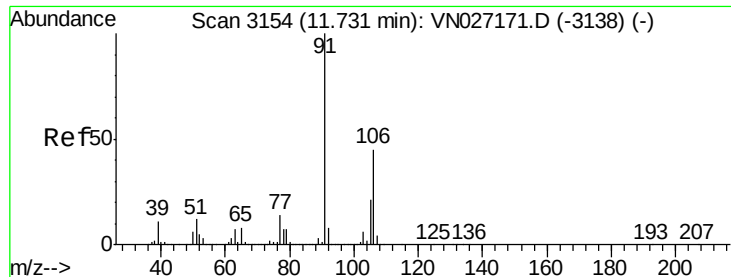
Tgt Ion:131 Resp: 1327638
 Ion Ratio Lower Upper
 131 100
 133 95.0 47.0 141.2
 119 68.6 35.1 105.5



#68
 Ethyl Benzene
 Concen: 188.08 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 91 Resp: 7581831
 Ion Ratio Lower Upper
 91 100
 106 28.9 23.1 34.7





#69

m/p-Xylenes

Concen: 384.43 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

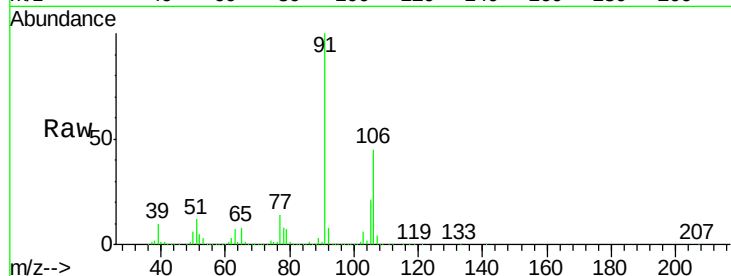
VSTDIC200

Tgt Ion:106 Resp: 5346623

Ion Ratio Lower Upper

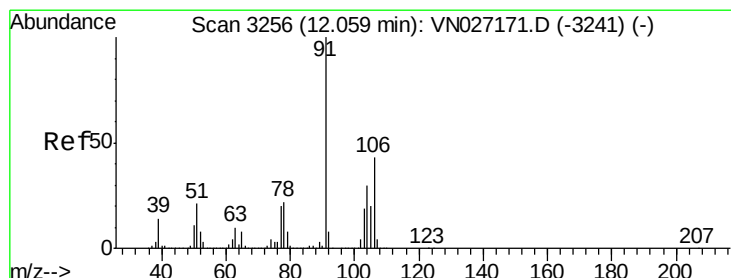
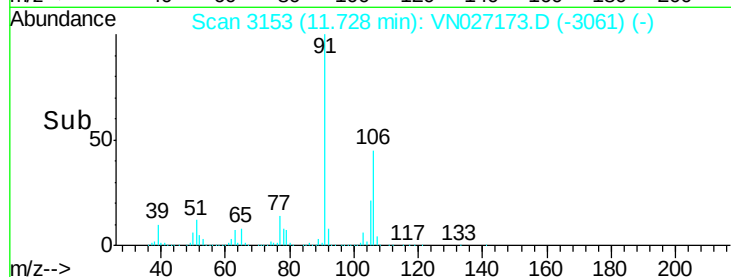
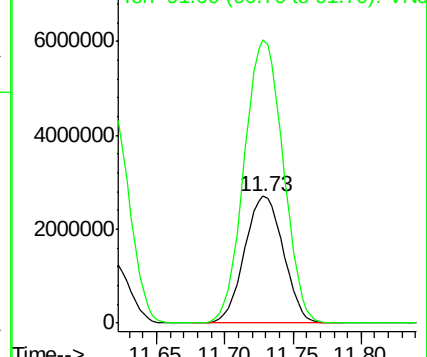
106 100

91 223.4 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

o-Xylene

Concen: 189.55 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027173.D

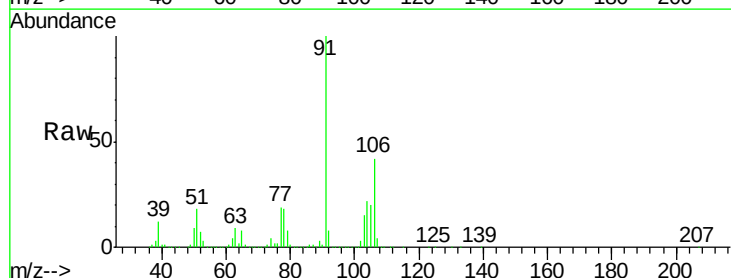
Acq: 15 Sep 2015 17:47

Tgt Ion:106 Resp: 2642665

Ion Ratio Lower Upper

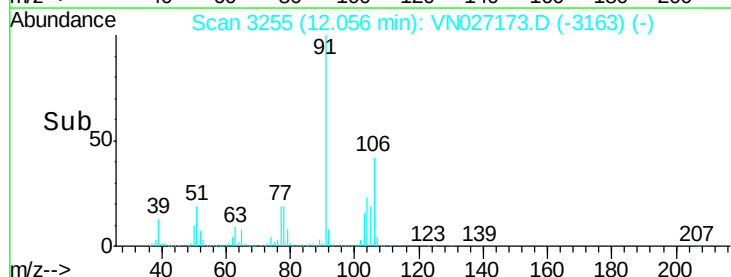
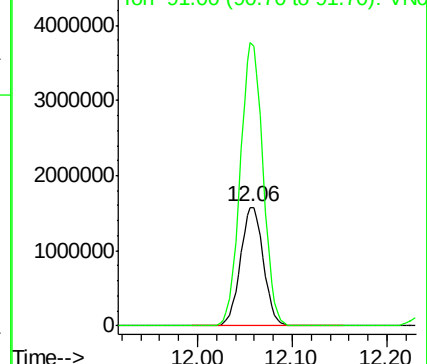
106 100

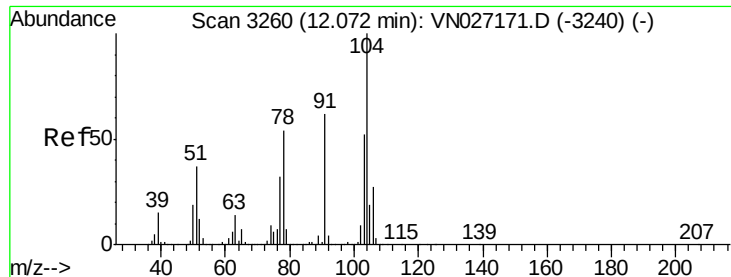
91 236.7 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Styrene

Concen: 197.80 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC200

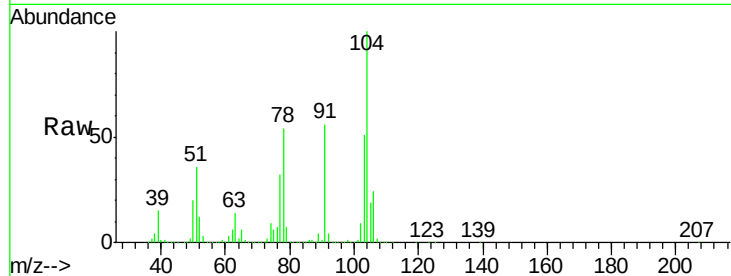
Tgt Ion:104 Resp: 4451878

Ion Ratio Lower Upper

104 100

78 59.9 41.6 62.4

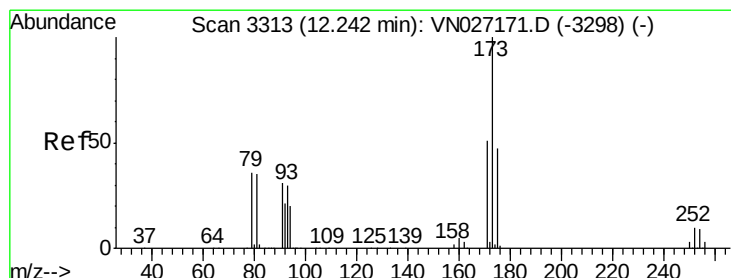
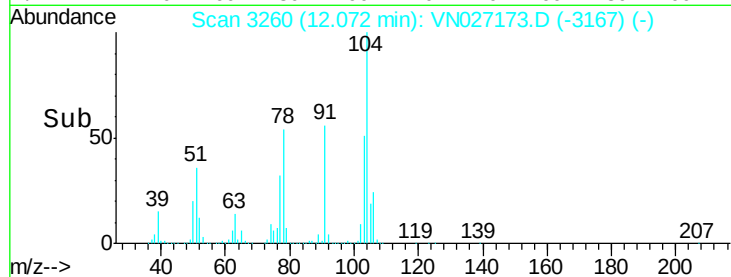
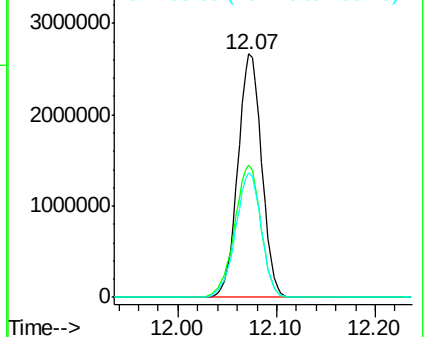
103 55.2 44.2 66.2



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: 189.42 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

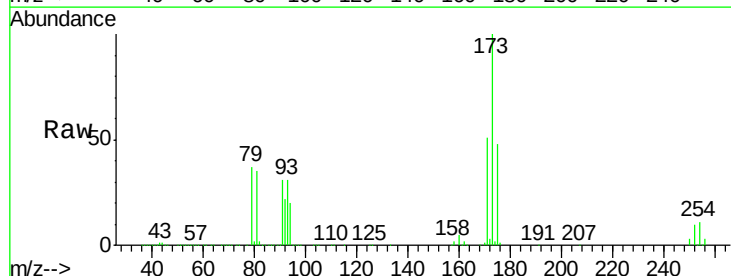
Tgt Ion:173 Resp: 955172

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.4

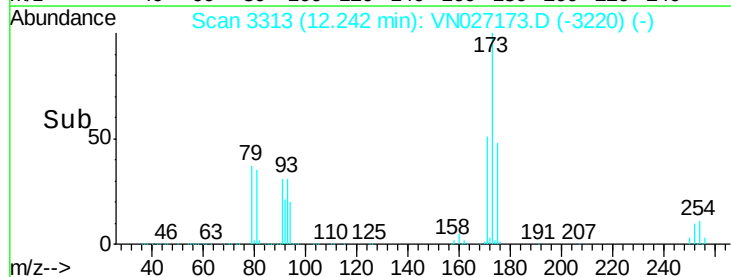
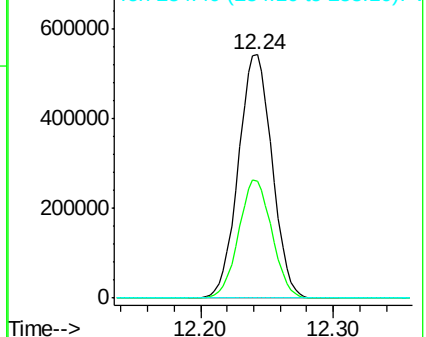
254 0.0 0.1 0.1#

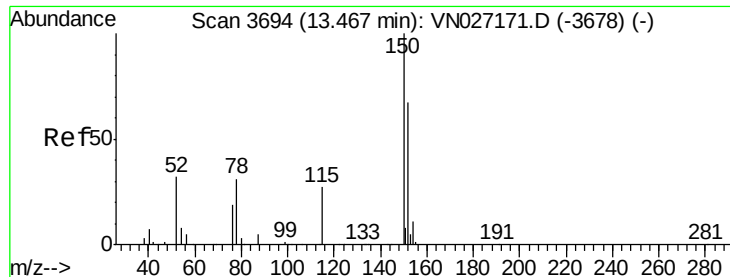


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC200

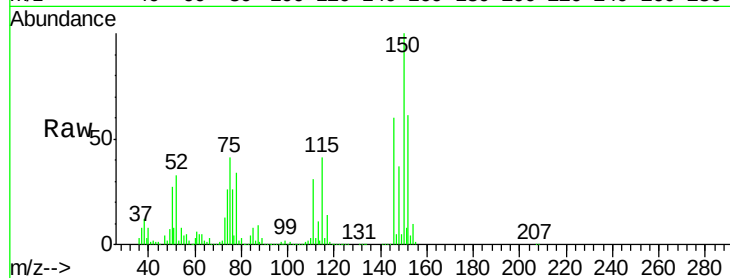
Tgt Ion:152 Resp: 359938

Ion Ratio Lower Upper

152 100

115 68.0 30.8 92.3

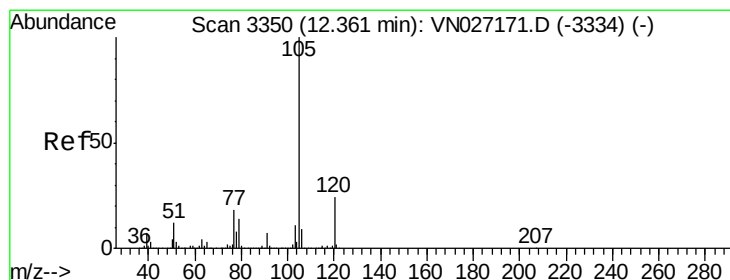
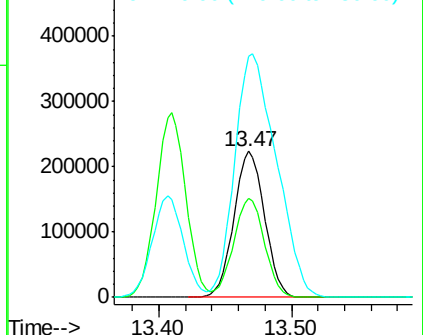
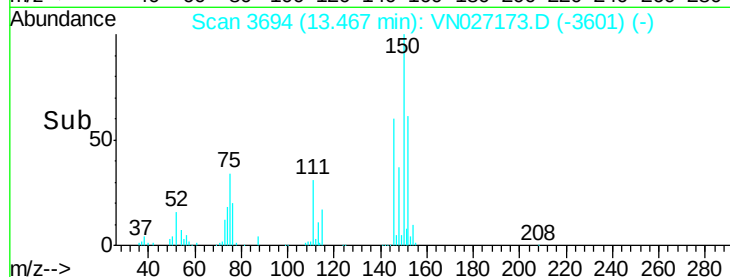
150 226.4 0.0 345.0



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: 179.34 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027173.D

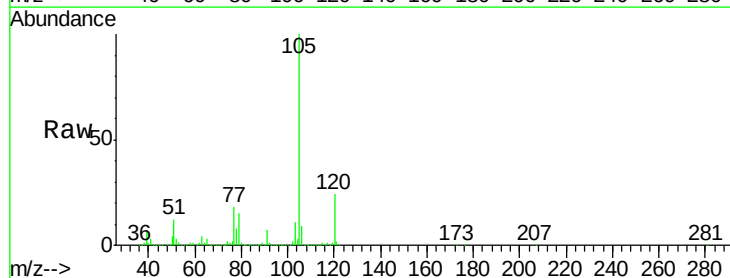
Acq: 15 Sep 2015 17:47

Tgt Ion:105 Resp: 7113429

Ion Ratio Lower Upper

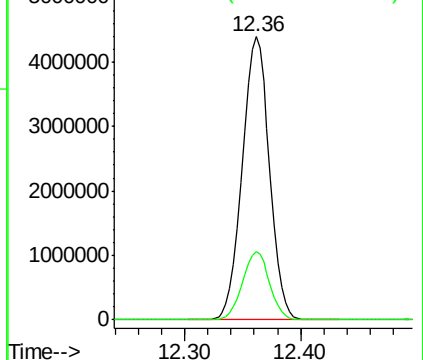
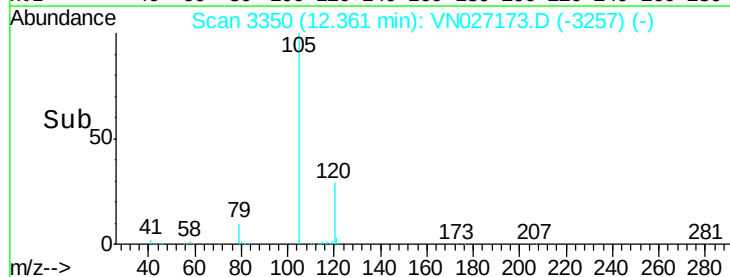
105 100

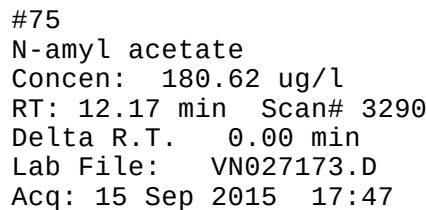
120 24.0 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

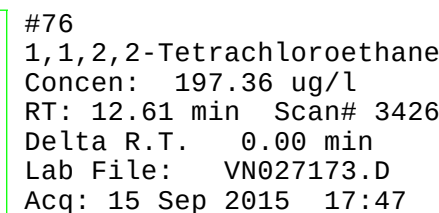
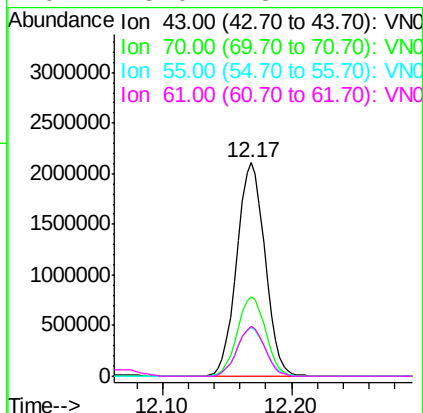
Ion 120.00 (119.70 to 120.70): V



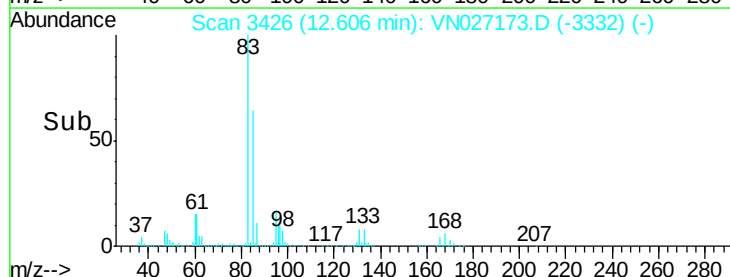
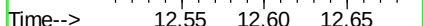
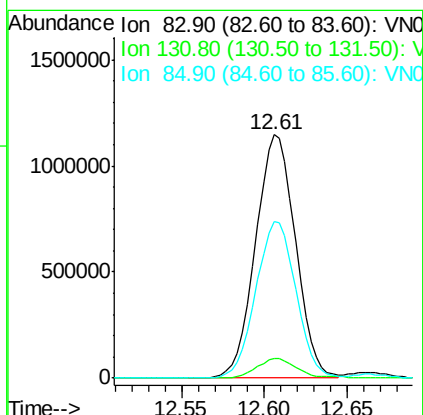


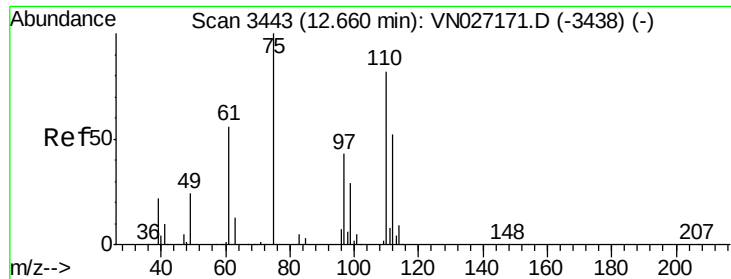
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC200

Tgt	Ion: 43	Resp: 3197398	
Ion	Ratio	Lower	Upper
43	100		
70	37.5	29.8	44.8
55	22.8	19.4	29.0
61	23.0	18.2	27.2



Tgt	Ion: 83	Resp: 1916887	
Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.1	12.3
85	64.7	31.9	95.7





#77

1,2,3-Trichloropropane

Concen: 259.92 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

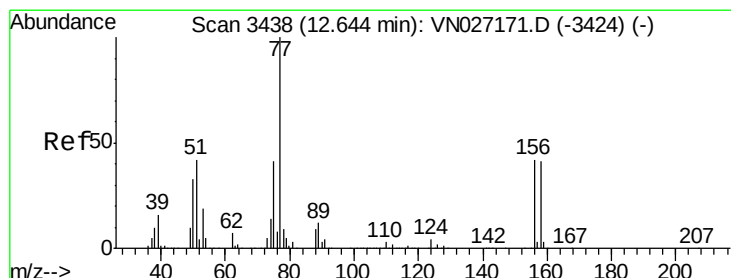
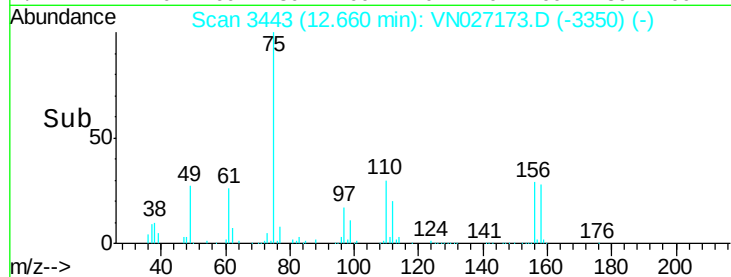
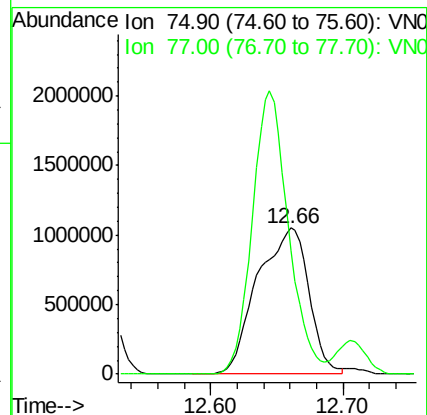
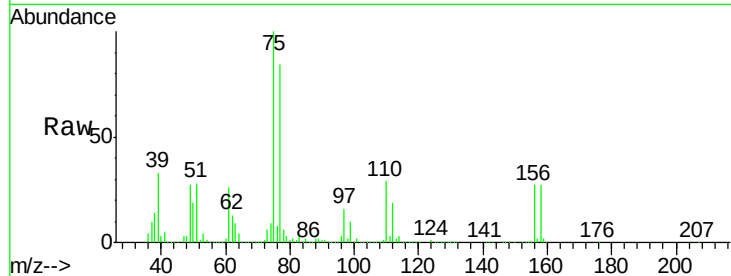
VSTDIC200

Tgt Ion: 75 Resp: 2827447

Ion Ratio Lower Upper

75 100

77 135.8 103.1 309.3



#78

Bromobenzene

Concen: 175.22 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

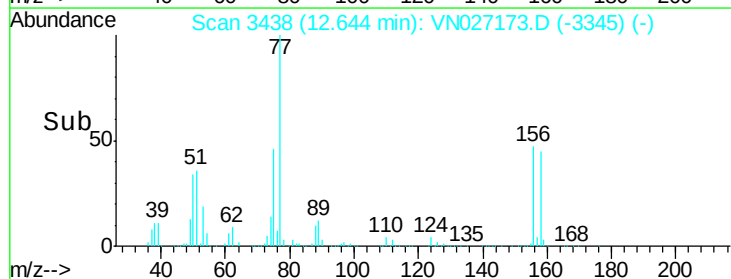
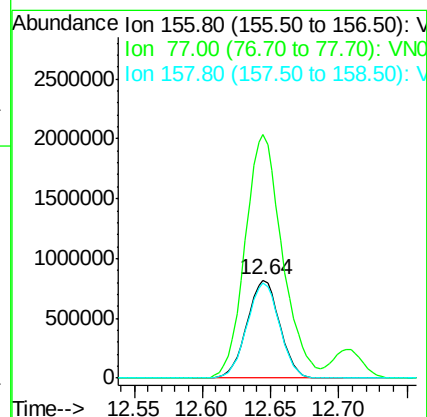
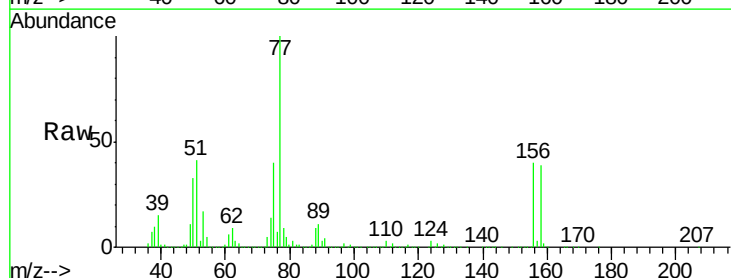
Tgt Ion: 156 Resp: 1362866

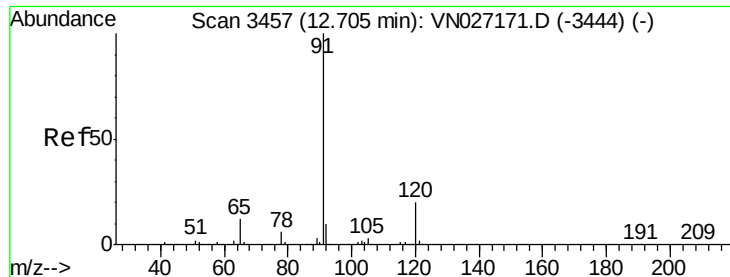
Ion Ratio Lower Upper

156 100

77 281.6 127.3 381.9

158 97.0 48.0 144.2





#79

n-propylbenzene

Concen: 187.22 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

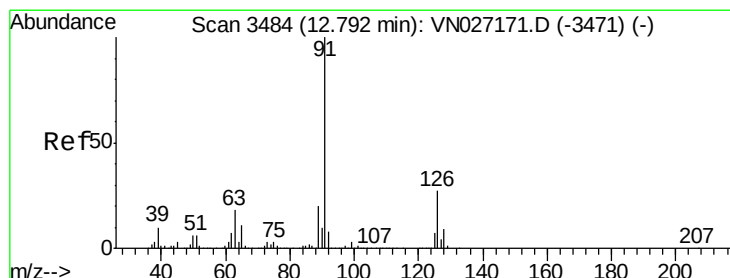
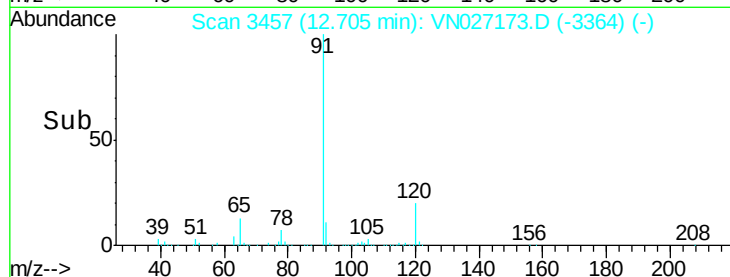
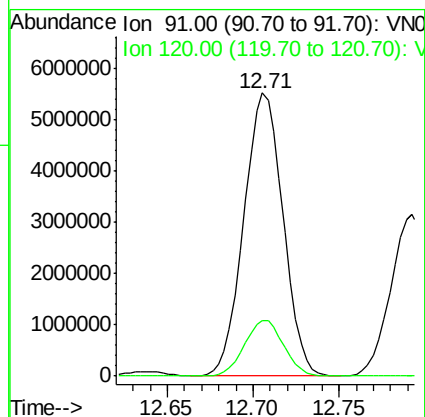
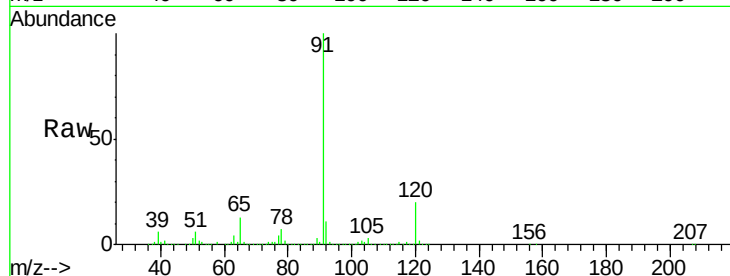
VSTDIC200

Tgt Ion: 91 Resp: 8736669

Ion Ratio Lower Upper

91 100

120 19.6 10.3 30.8



#80

2-Chlorotoluene

Concen: 183.43 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027173.D

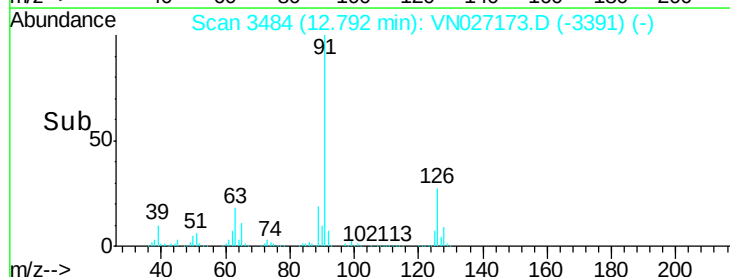
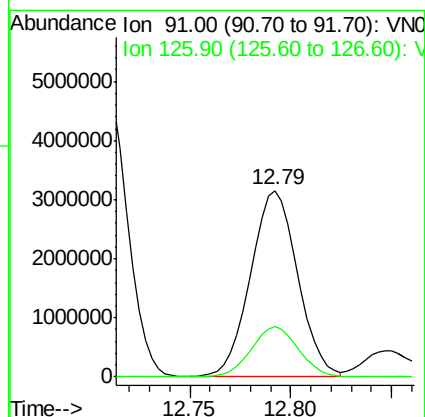
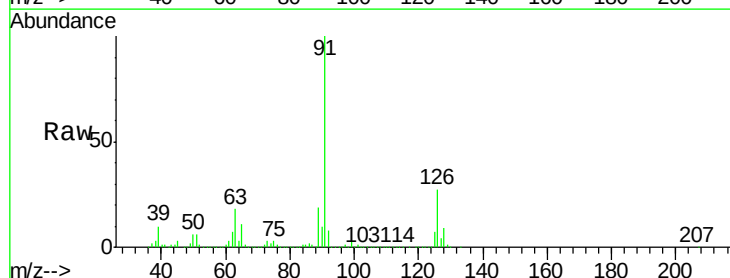
Acq: 15 Sep 2015 17:47

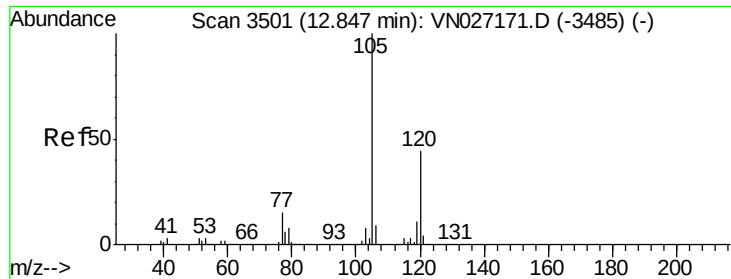
Tgt Ion: 91 Resp: 5139987

Ion Ratio Lower Upper

91 100

126 27.2 15.2 45.5

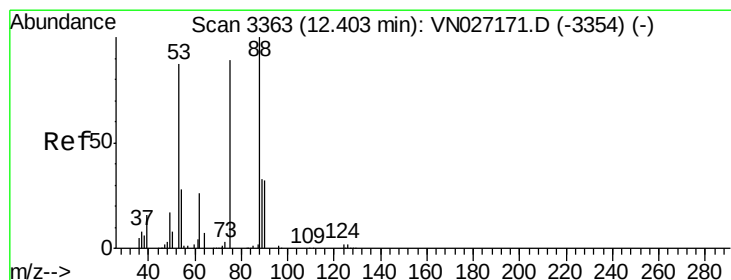
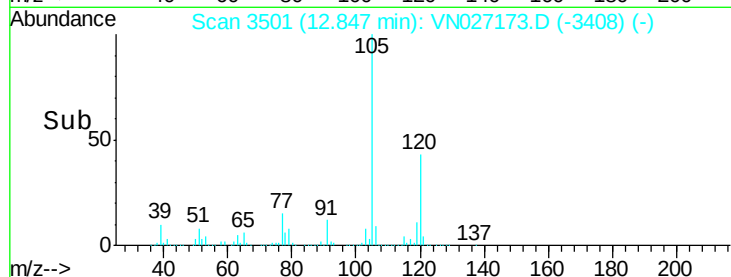
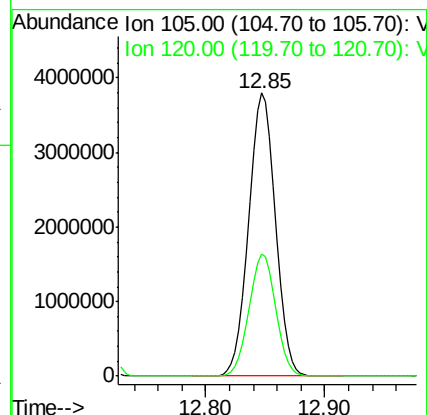
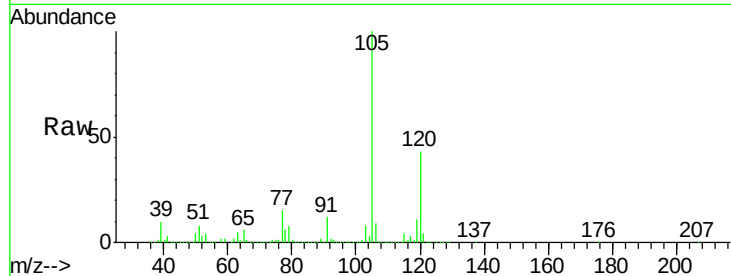




#81
 1,3,5-Trimethylbenzene
 Concen: 185.08 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

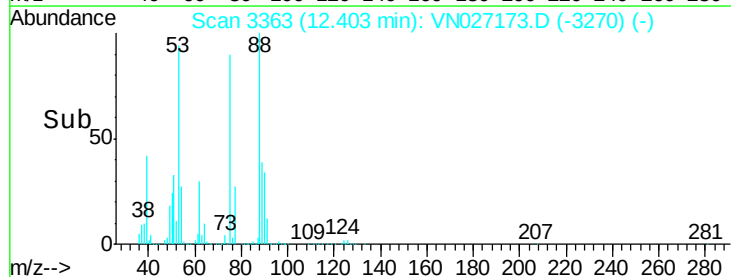
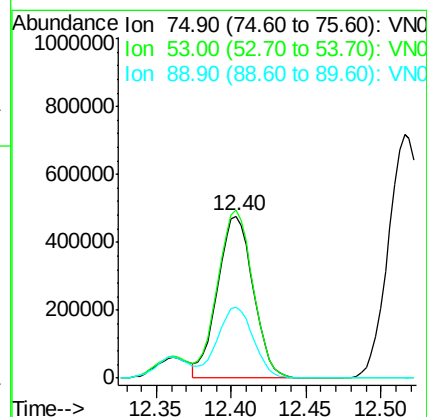
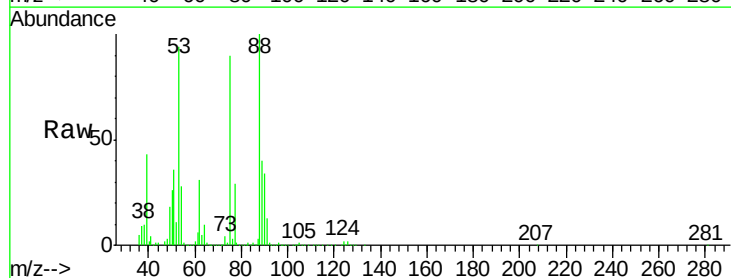
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

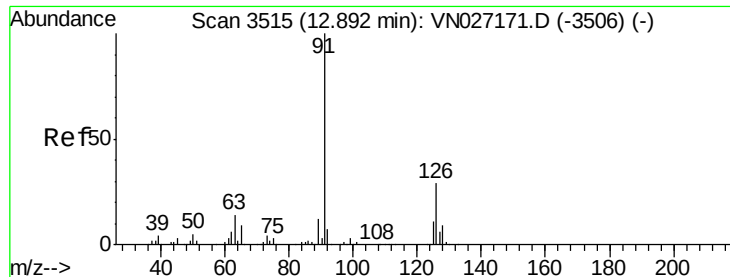
Tgt Ion:105 Resp: 5897942
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 178.34 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 75 Resp: 789814
 Ion Ratio Lower Upper
 75 100
 53 103.7 92.9 139.3
 89 43.9 34.2 51.4

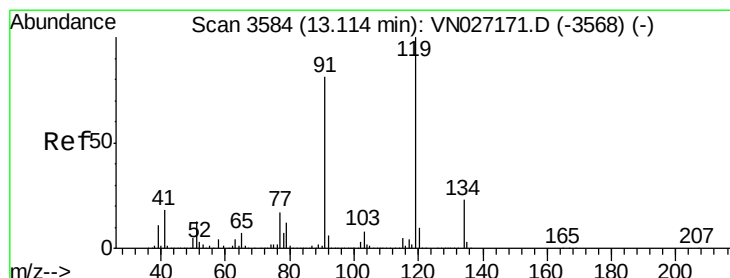
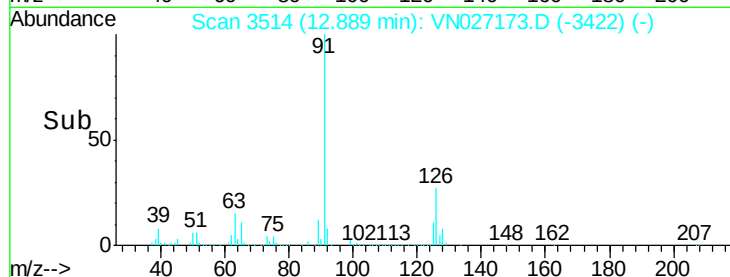
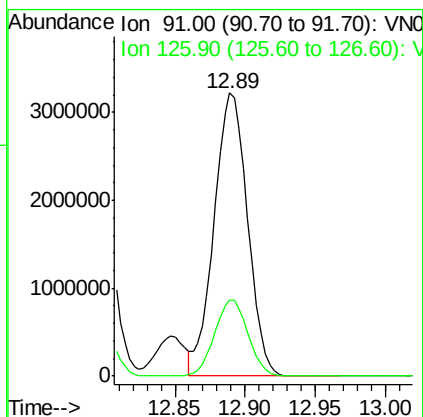
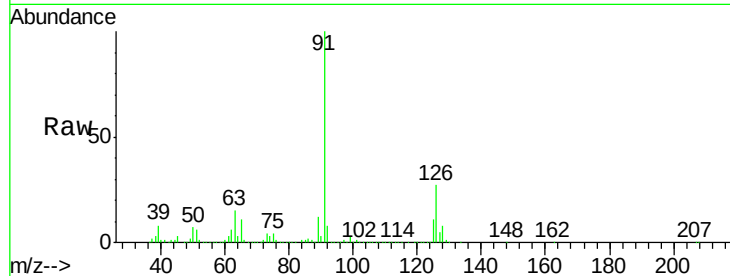




#83
 4-Chlorotoluene
 Concen: 192.19 ug/l
 RT: 12.89 min Scan# 3514
 Delta R.T. -0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

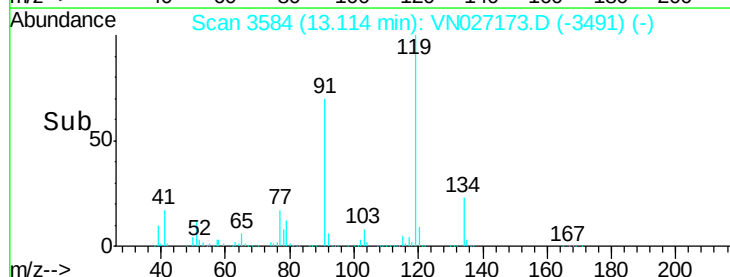
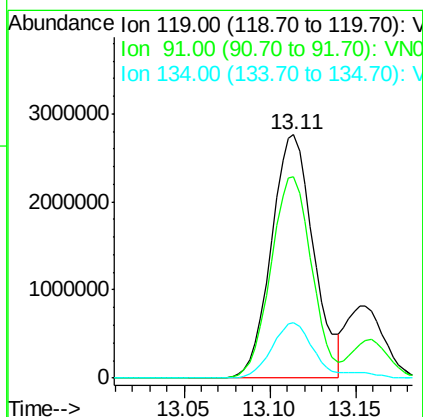
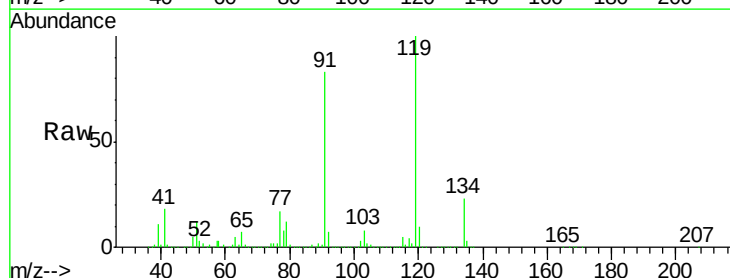
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

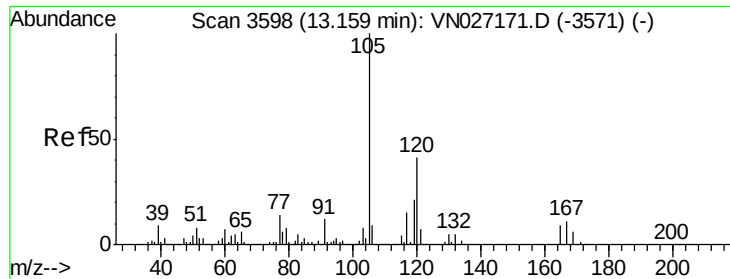
Tgt Ion: 91 Resp: 5291274
 Ion Ratio Lower Upper
 91 100
 126 26.8 14.9 44.5



#84
 tert-Butylbenzene
 Concen: 178.42 ug/l
 RT: 13.11 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 119 Resp: 4690670
 Ion Ratio Lower Upper
 119 100
 91 80.1 34.6 103.8
 134 22.1 11.4 34.2

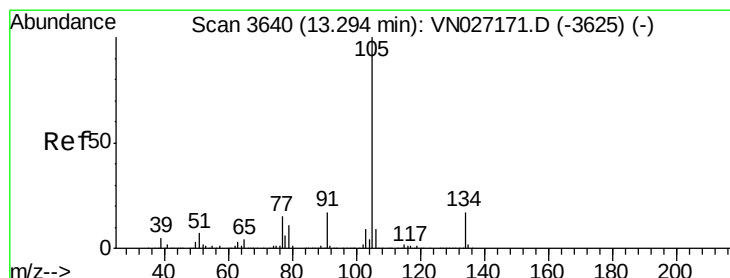
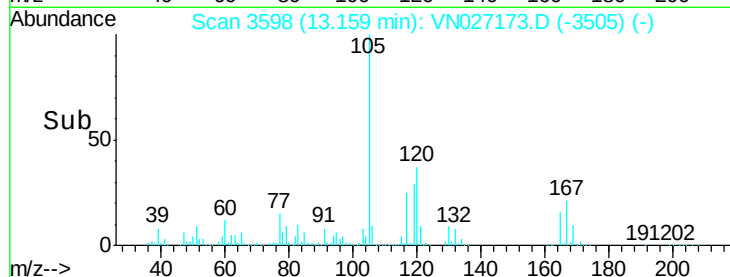
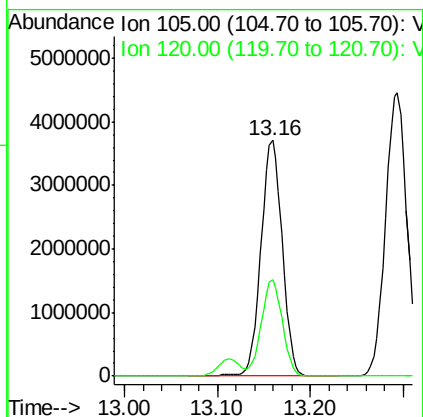
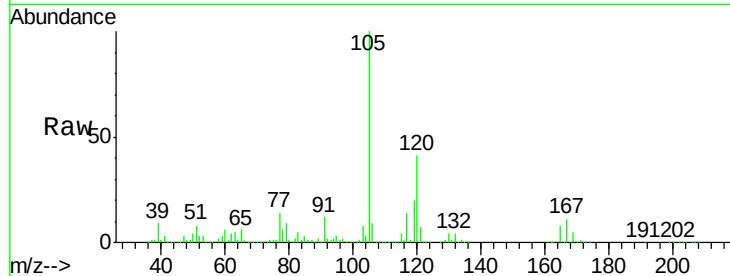




#85
 1,2,4-Trimethylbenzene
 Concen: 184.17 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

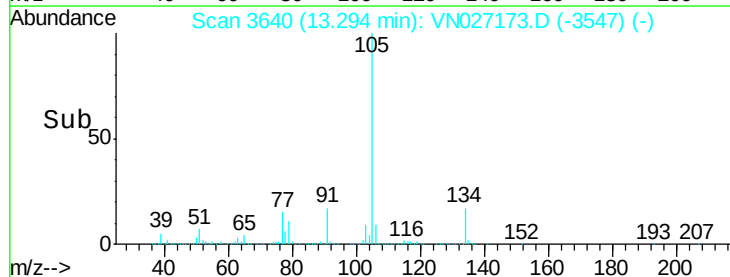
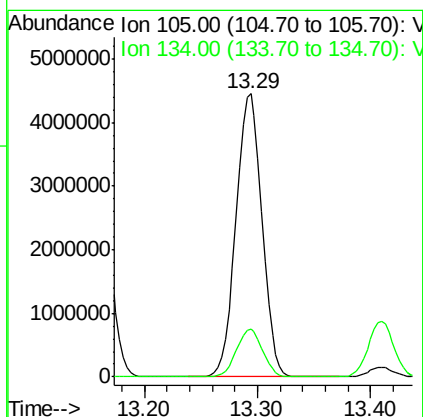
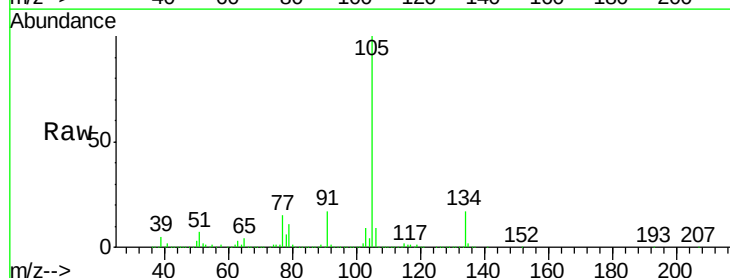
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

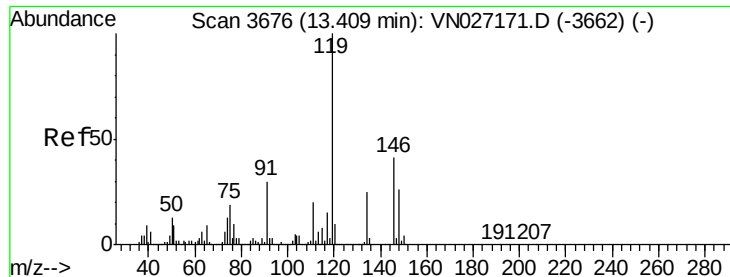
Tgt Ion:105 Resp: 5894157
 Ion Ratio Lower Upper
 105 100
 120 40.3 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 184.68 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion:105 Resp: 7112869
 Ion Ratio Lower Upper
 105 100
 134 17.0 8.8 26.4

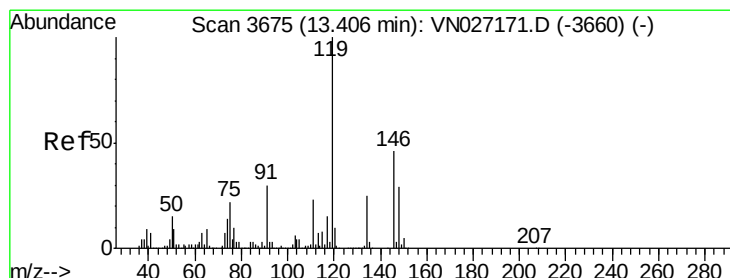
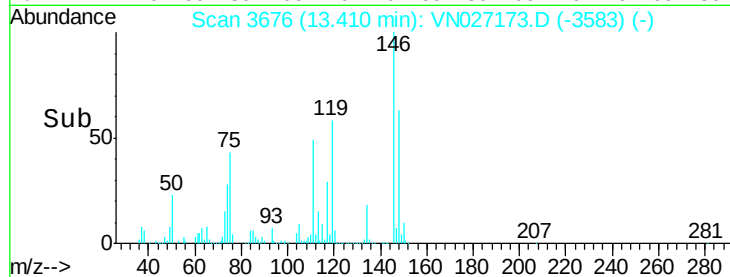
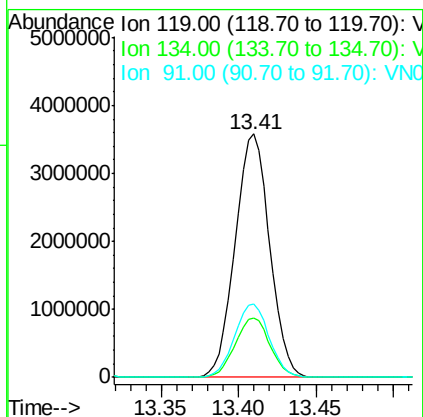
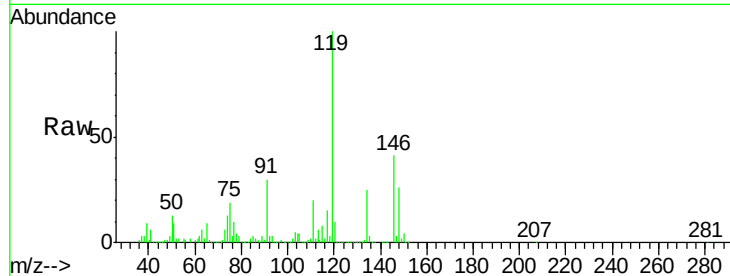




#87
 p-Isopropyltoluene
 Concen: 186.35 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

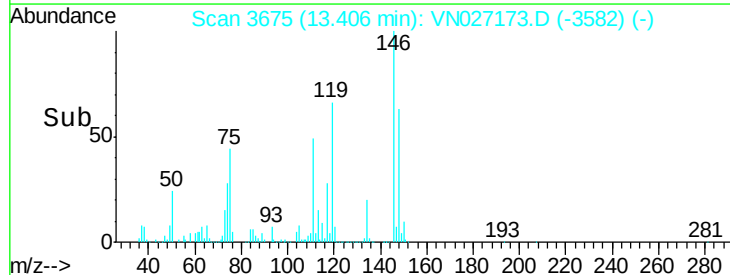
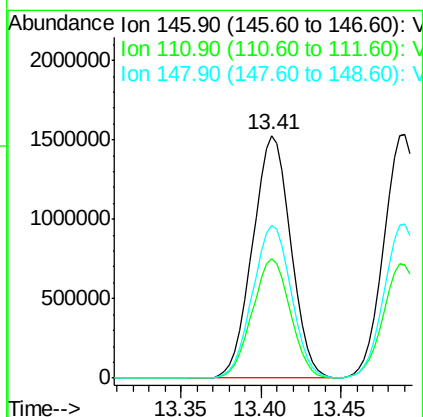
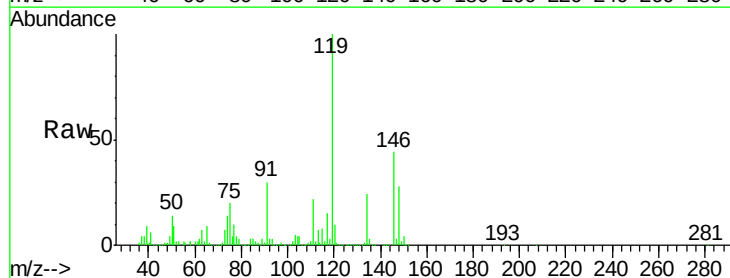
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

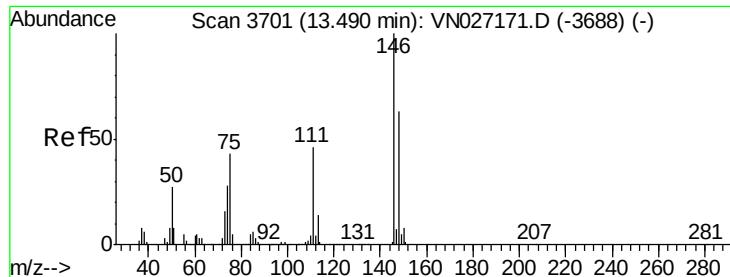
Tgt Ion:119 Resp: 5528160
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.4 37.0
 91 30.0 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 187.76 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion:146 Resp: 2499072
 Ion Ratio Lower Upper
 146 100
 111 49.1 21.0 63.0
 148 63.8 31.9 95.9

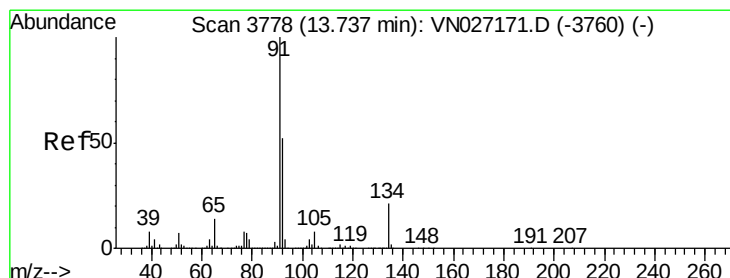
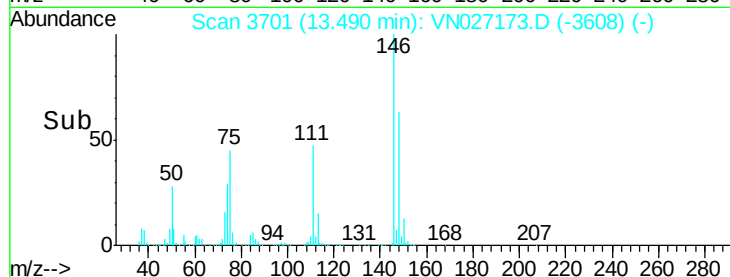
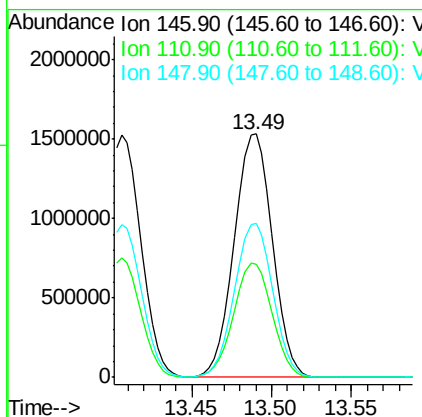
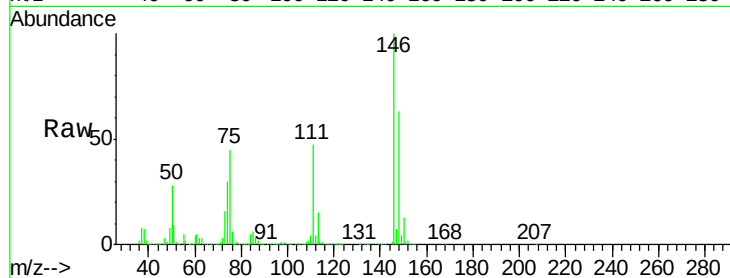




#89
 1,4-Dichlorobenzene
 Concen: 184.63 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

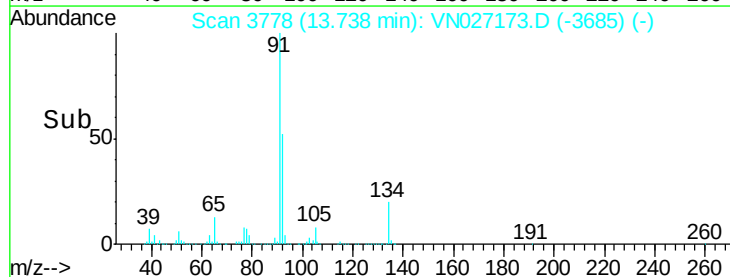
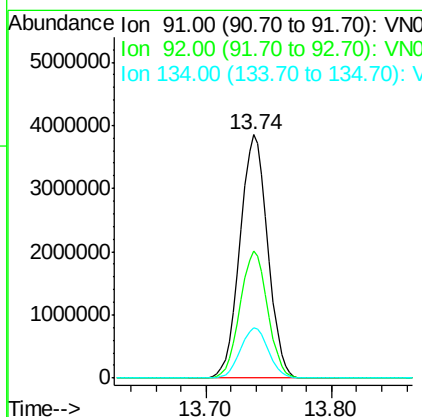
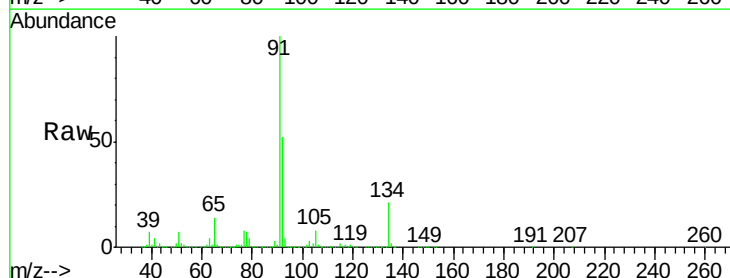
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

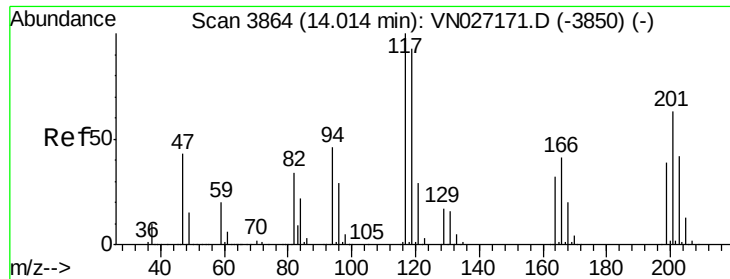
Tgt Ion:146 Resp: 2488802
 Ion Ratio Lower Upper
 146 100
 111 47.0 19.9 59.6
 148 63.4 31.7 95.1



#90
 n-Butylbenzene
 Concen: 205.18 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Tgt Ion: 91 Resp: 5906499
 Ion Ratio Lower Upper
 91 100
 92 52.2 26.1 78.2
 134 20.8 11.1 33.1





#91

Hexachloroethane

Concen: 176.61 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

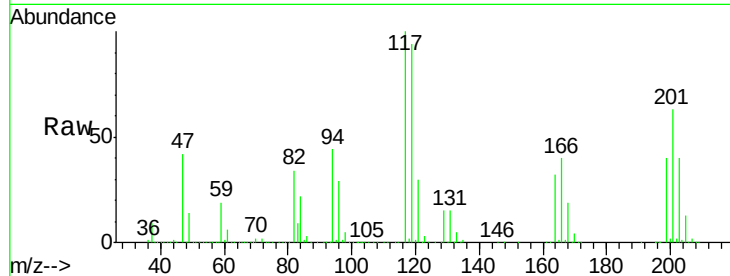
VSTDIC200

Tgt Ion:117 Resp: 1146547

Ion Ratio Lower Upper

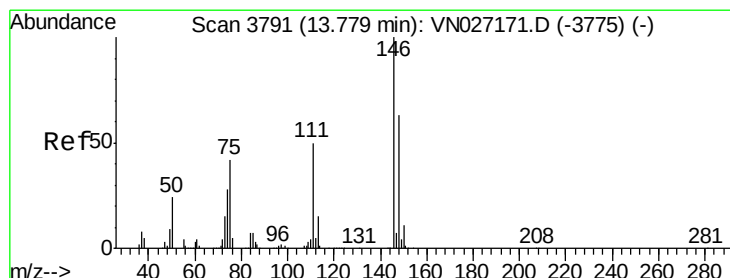
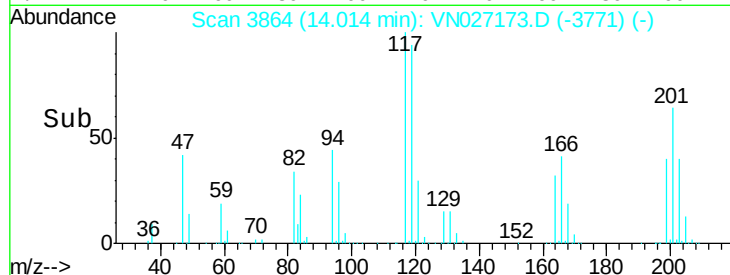
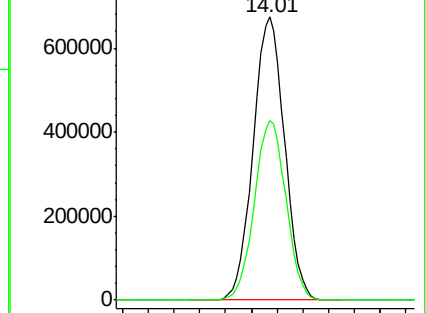
117 100

201 63.5 34.9 104.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dichlorobenzene

Concen: 183.76 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

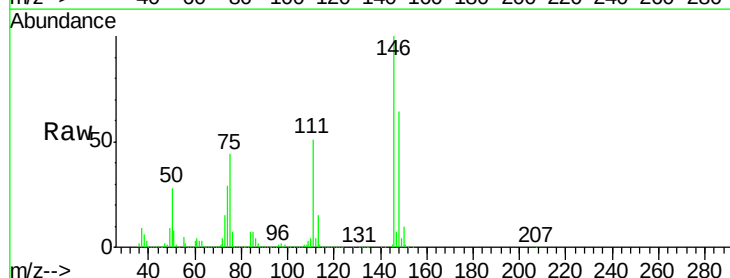
Tgt Ion:146 Resp: 2417040

Ion Ratio Lower Upper

146 100

111 50.4 22.1 66.3

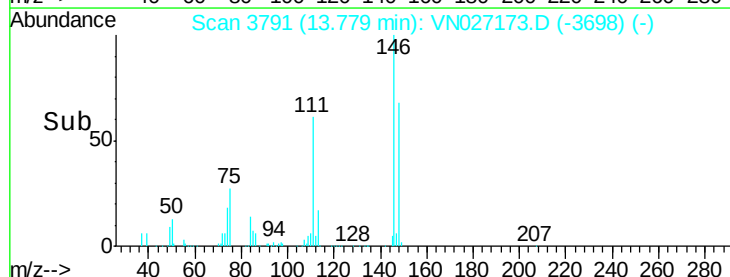
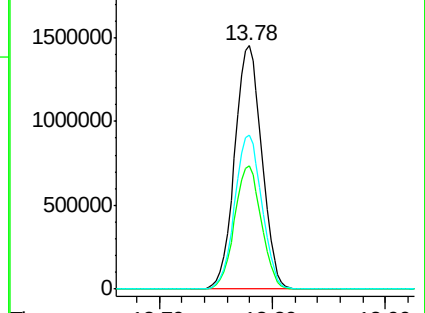
148 63.5 32.0 96.0

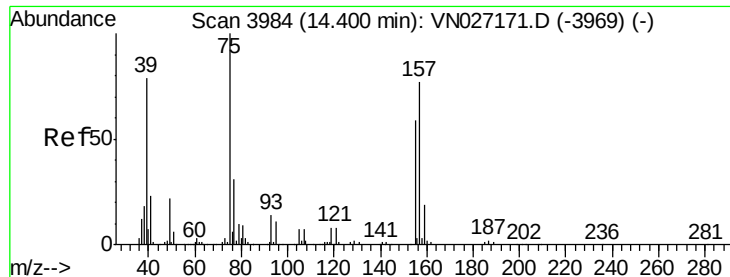


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2-Dibromo-3-Chloropropane

Concen: 199.60 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC200

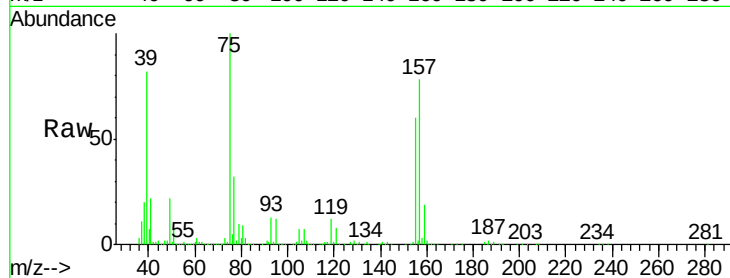
Tgt Ion: 75 Resp: 442797

Ion Ratio Lower Upper

75 100

155 59.9 35.6 106.9

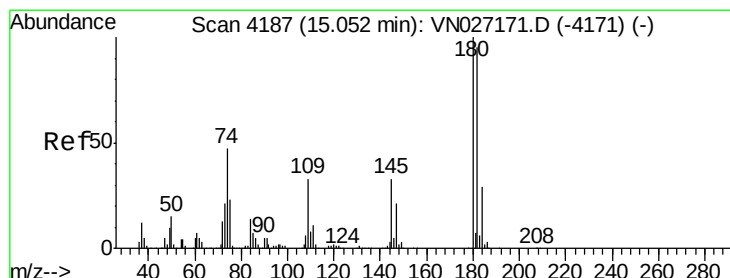
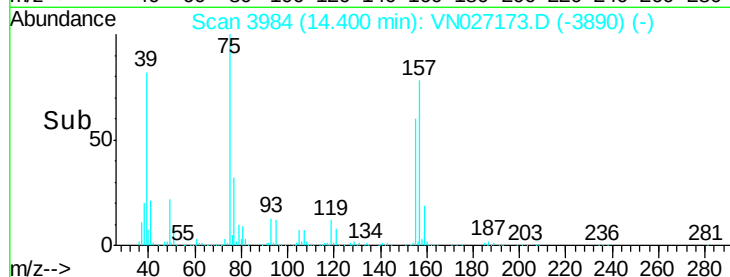
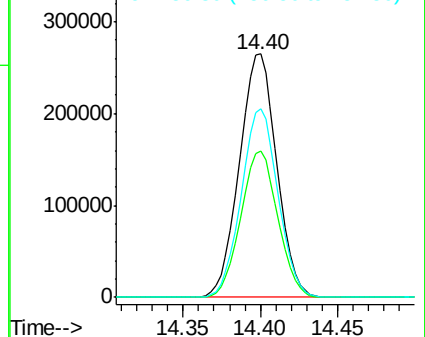
157 76.7 44.6 133.8



Abundance Ion 74.90 (74.60 to 75.60): VN027173.D (-3989) (-)

Ion 154.80 (154.50 to 155.50): VN027173.D (-3989) (-)

Ion 156.80 (156.50 to 157.50): VN027173.D (-3989) (-)



#94

1,2,4-Trichlorobenzene

Concen: 221.04 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

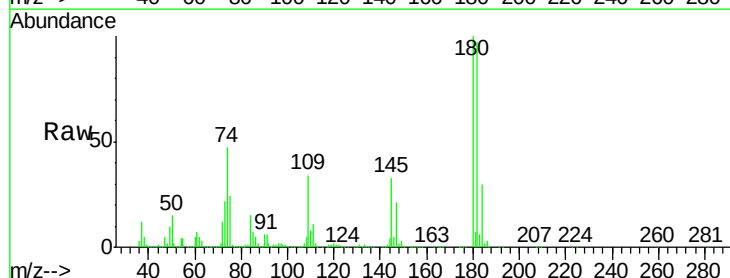
Tgt Ion: 180 Resp: 1570558

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

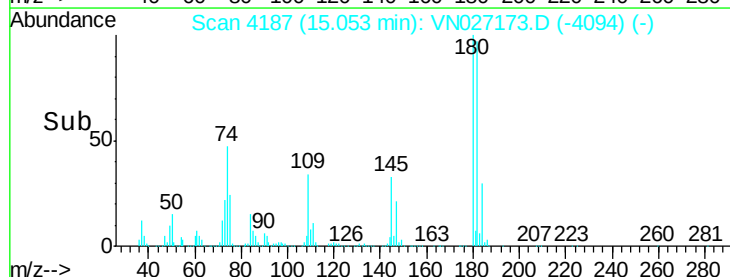
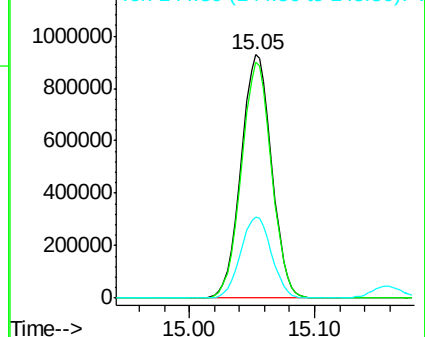
145 33.7 15.1 45.3

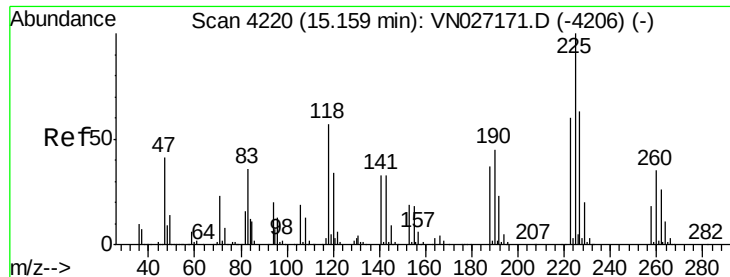


Abundance Ion 179.80 (179.50 to 180.50): VN027173.D (-4094) (-)

Ion 181.80 (181.50 to 182.50): VN027173.D (-4094) (-)

Ion 144.80 (144.50 to 145.50): VN027173.D (-4094) (-)





#95

Hexachlorobutadiene

Concen: 189.70 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

Instrument :

MSVOA_N

ClientSampled :

VSTDIC200

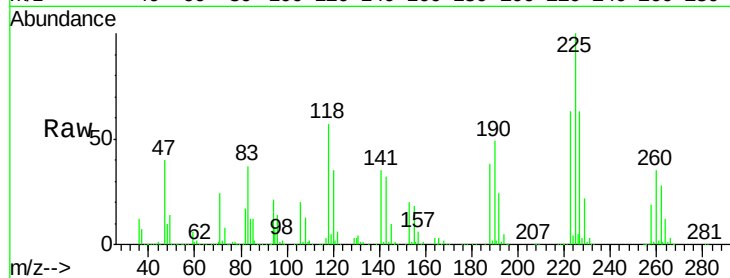
Tgt Ion:225 Resp: 709872

Ion Ratio Lower Upper

225 100

223 64.1 30.8 92.3

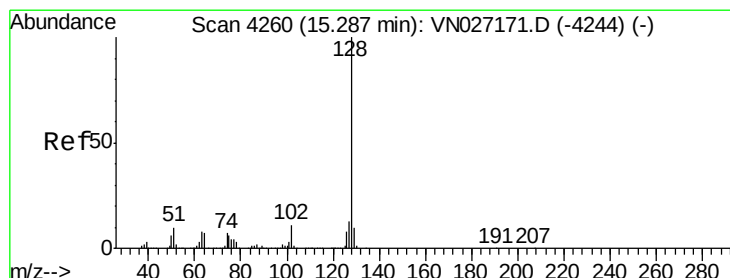
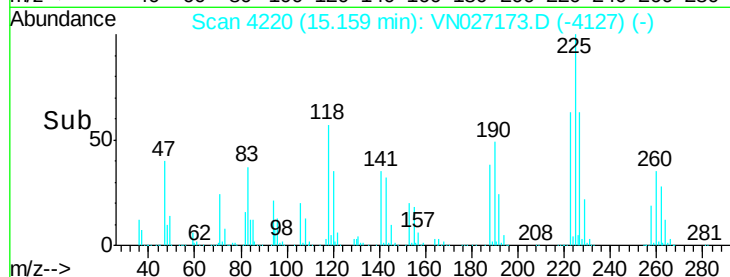
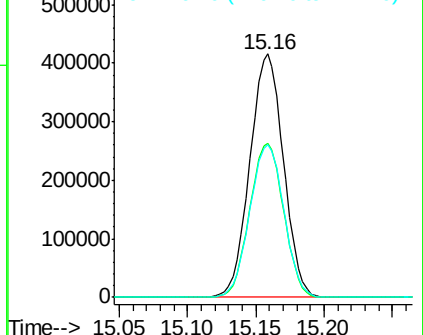
227 63.8 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 226.93 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN027173.D

Acq: 15 Sep 2015 17:47

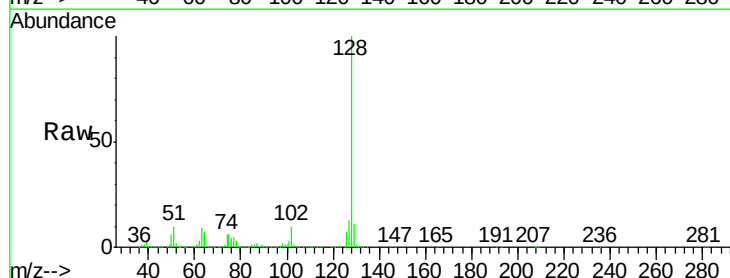
Tgt Ion:128 Resp: 4726916

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

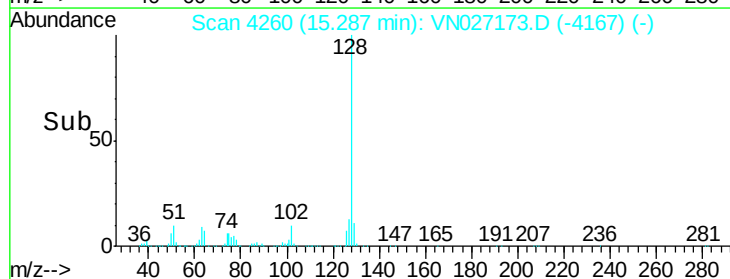
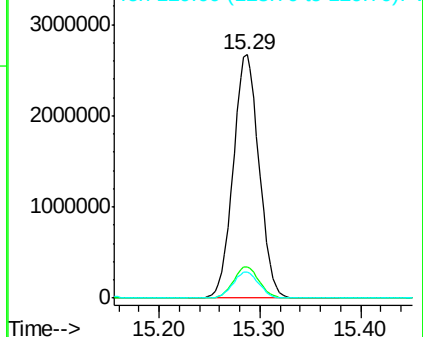
129 10.8 8.6 12.8

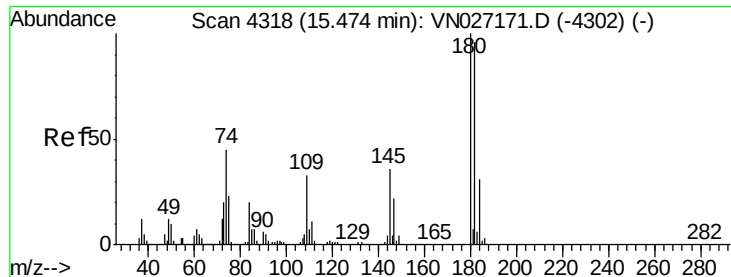


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 217.83 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027173.D
 Acq: 15 Sep 2015 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

Tgt Ion:180 Resp: 1538587
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.8 146.4
 145 35.5 16.6 49.8

