

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091515\
 Data File : VN027178.D
 Acq On : 15 Sep 2015 21:57
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 16 01:19:24 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	580651	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1101119	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	940766	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	369354	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	591157	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
36) Dibromofluoromethane	7.68	113	375381	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
51) Toluene-d8	10.19	98	1445829	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
63) 4-Bromofluorobenzene	12.52	95	518959	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	325907	46.91	ug/l	99
3) Chlorodifluoromethane	1.82	51	400800	49.85	ug/l	94
4) Chloromethane	2.01	50	368441	47.41	ug/l	99
5) Vinyl Chloride	2.14	62	385957	47.04	ug/l	99
6) Bromomethane	2.54	94	184619	45.97	ug/l	97
7) Chloroethane	2.69	64	258268	46.30	ug/l	99
8) Trichlorofluoromethane	3.02	101	580315	46.82	ug/l	99
9) Diethyl Ether	3.42	74	264342	46.35	ug/l	88
10) 1,1,2-Trichlorotrifluoroet	3.79	101	355758	45.70	ug/l	97
11) Methyl Iodide	3.99	142	381882	50.47	ug/l	93
12) Tert butyl alcohol	4.80	59	271800	233.63	ug/l	97
13) 1,1-Dichloroethene	3.77	96	352079	47.23	ug/l	92
14) Acrolein	3.62	56	325799	238.39	ug/l	95
15) Allyl chloride	4.37	41	685289	45.51	ug/l	# 82
16) Acrylonitrile	5.02	53	922373	242.45	ug/l	97
17) Acetone	3.82	43	741848	231.27	ug/l	94
18) Carbon Disulfide	4.11	76	1100296	45.32	ug/l	99
19) Methyl Acetate	4.36	43	1137115	48.94	ug/l	97
20) Methyl tert-butyl Ether	5.12	73	1395561	46.63	ug/l	96
21) Methylene Chloride	4.60	84	420442	47.05	ug/l	96
22) trans-1,2-Dichloroethene	5.12	96	378369	46.92	ug/l	93
23) Diisopropyl ether	6.04	45	1479406	46.83	ug/l	90
24) Vinyl Acetate	5.97	43	2541825	243.07	ug/l	98
25) 1,1-Dichloroethane	5.93	63	840097	45.77	ug/l	99
26) 2-Butanone	6.91	43	1150543	238.19	ug/l	97
27) 2,2-Dichloropropane	6.92	77	669961	42.07	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	439802	47.55	ug/l	96
29) Bromochloromethane	7.29	49	339625	47.67	ug/l	97
30) Tetrahydrofuran	7.31	42	747790	224.63	ug/l	92
31) Chloroform	7.46	83	791119	47.70	ug/l	98
32) Cyclohexane	7.77	56	787925	48.19	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	689989	46.66	ug/l	97
37) 1,1-Dichloropropene	7.89	75	601825	46.69	ug/l	98
38) Ethyl Acetate	7.02	43	527988	48.14	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	566114	46.72	ug/l	98
40) Methylcyclohexane	9.19	83	722973	46.06	ug/l	97
41) Benzene	8.14	78	1739655	46.26	ug/l	100
42) Methacrylonitrile	7.24	41	298316	47.88	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	698944	46.13	ug/l	95
44) Isopropyl Acetate	8.25	43	969306	47.06	ug/l	98
45) Trichloroethene	8.93	130	350706	46.43	ug/l	91
46) 1,2-Dichloropropane	9.22	63	496795	45.91	ug/l	100
47) Dibromomethane	9.31	93	286280	45.06	ug/l	95
48) Bromodichloromethane	9.49	83	623214	46.55	ug/l	98
49) Methyl methacrylate	9.29	41	478689	46.65	ug/l #	88
50) 1,4-Dioxane	9.30	88	107281	891.34	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	2491207	228.75	ug/l	99
53) Toluene	10.26	92	1017390	46.18	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	694215	46.17	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	743458	45.45	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	386108	46.64	ug/l	97
57) Ethyl methacrylate	10.52	69	653360	46.83	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	717112	46.66	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1606763	250.82	ug/l	98
60) 2-Hexanone	10.84	43	1696428	228.79	ug/l	99
61) Dibromochloromethane	11.00	129	393491	46.54	ug/l	98
62) 1,2-Dibromoethane	11.11	107	377848	46.44	ug/l	100
65) Tetrachloroethene	10.74	164	275910	45.86	ug/l	95
66) Chlorobenzene	11.54	112	1015024	45.70	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	351820	46.44	ug/l	98
68) Ethyl Benzene	11.62	91	1923482	45.67	ug/l	100
69) m/p-Xylenes	11.73	106	1338314	92.10	ug/l	90
70) o-Xylene	12.06	106	675623	46.38	ug/l	92
71) Styrene	12.07	104	1115756	47.45	ug/l	95
72) Bromoform	12.24	173	245168	46.53	ug/l #	98
74) Isopropylbenzene	12.36	105	1806118	44.38	ug/l	99
75) N-amyl acetate	12.17	43	827223	45.54	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	518287	49.28	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	731657	65.54	ug/l	52
78) Bromobenzene	12.64	156	353023	44.23	ug/l	92
79) n-propylbenzene	12.71	91	2154044	44.98	ug/l	98
80) 2-Chlorotoluene	12.79	91	1282912	44.62	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1469385	44.94	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	188767	41.54	ug/l	92
83) 4-Chlorotoluene	12.89	91	1302174	46.09	ug/l	95
84) tert-Butylbenzene	13.11	119	1170280	43.38	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1459920	44.45	ug/l	96
86) sec-Butylbenzene	13.29	105	1775996	44.94	ug/l	99
87) p-Isopropyltoluene	13.41	119	1356172	44.55	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	620221	45.41	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	615568	44.50	ug/l	95
90) n-Butylbenzene	13.74	91	1369290	46.35	ug/l	99
91) Hexachloroethane	14.01	117	297427	44.65	ug/l	90
92) 1,2-Dichlorobenzene	13.78	146	618067	45.79	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

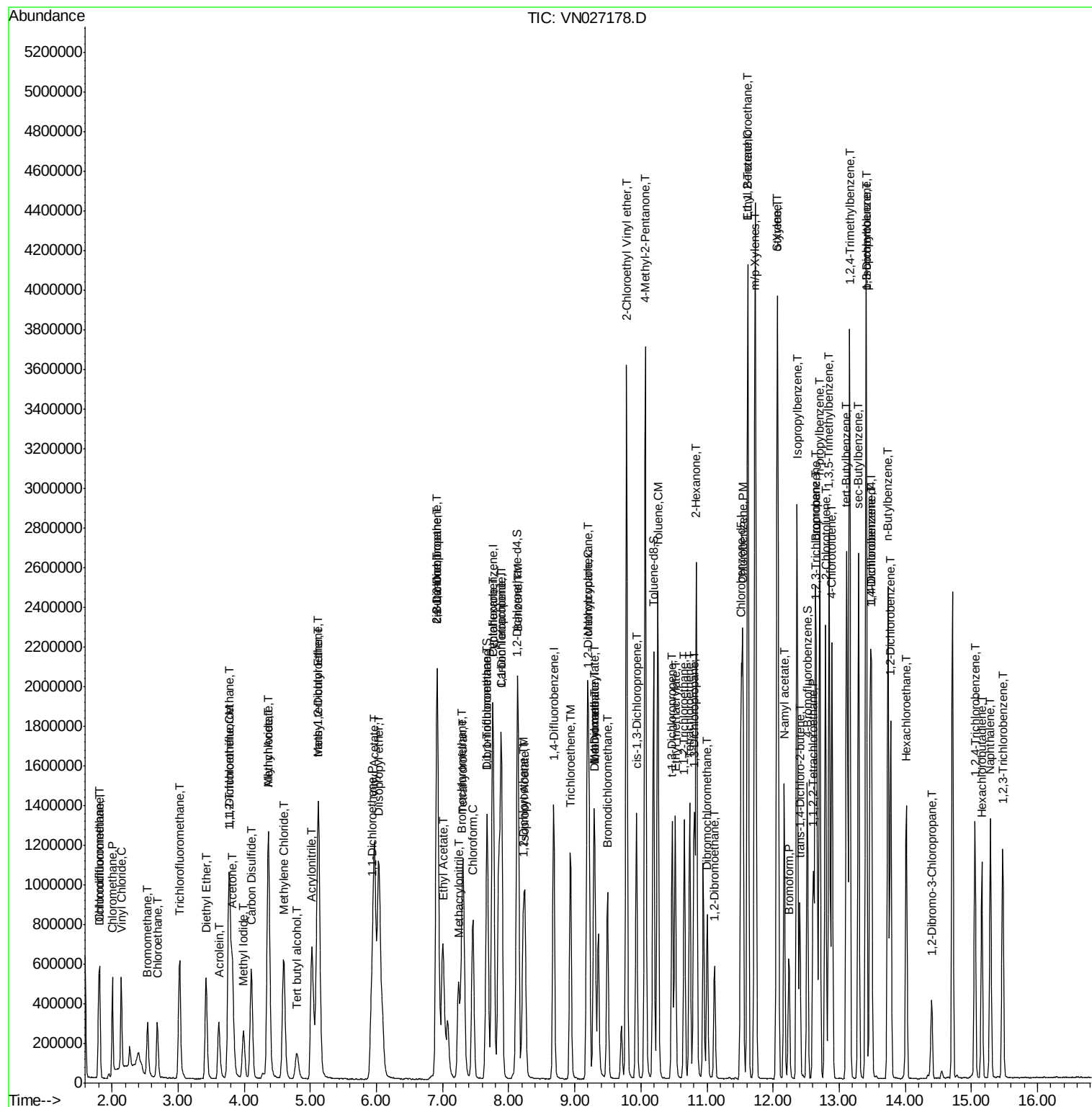
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	110272	47.37	ug/l	86
94) 1,2,4-Trichlorobenzene	15.05	180	343507	47.11	ug/l	98
95) Hexachlorobutadiene	15.16	225	174877	45.54	ug/l	99
96) Naphthalene	15.29	128	1021387	47.78	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	340532	46.98	ug/l	97

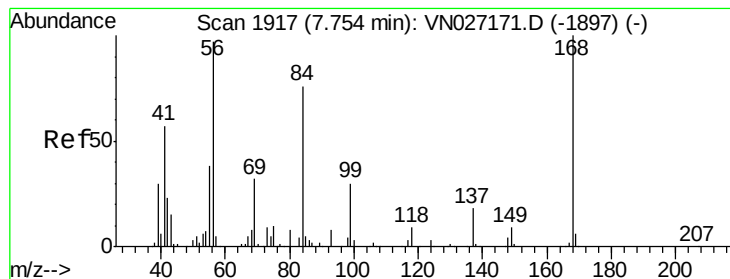
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

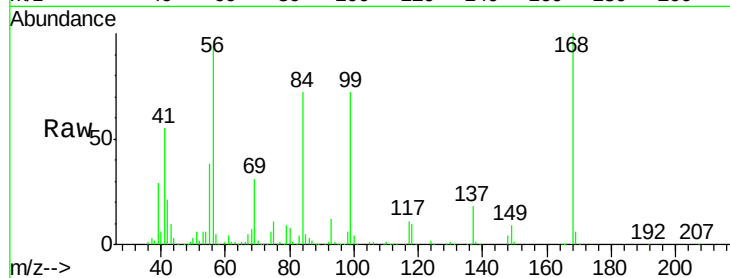
VSTDCCC050

Tgt Ion:168 Resp: 580651

Ion Ratio Lower Upper

168 100

99 71.3 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

250000

200000

150000

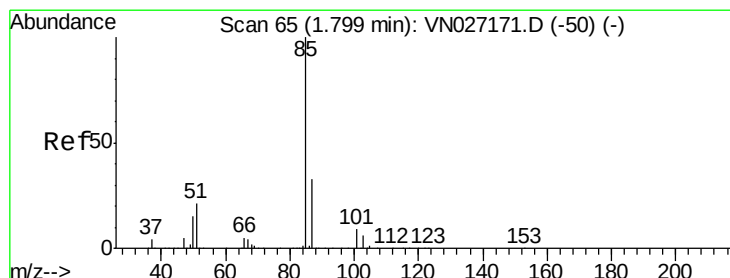
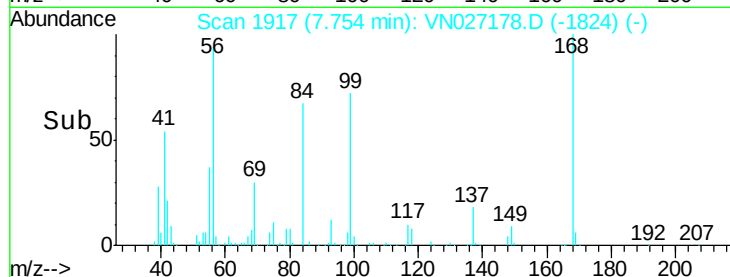
100000

50000

0

7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.91 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027178.D

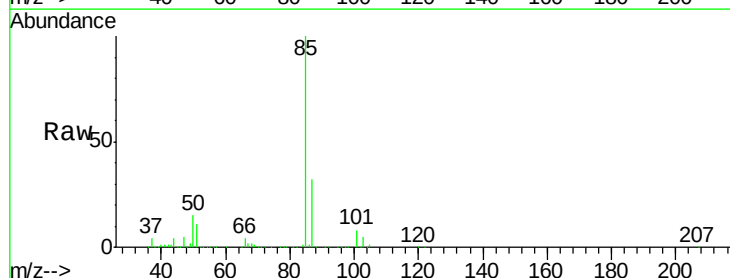
Acq: 15 Sep 2015 21:57

Tgt Ion: 85 Resp: 325907

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

1.80

250000

200000

150000

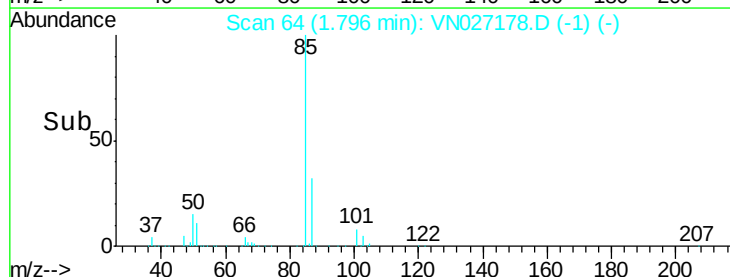
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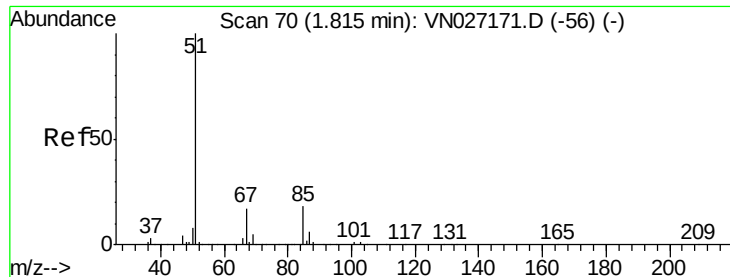
50000

0

1.70 1.80 1.90

Time-->





#3

Chlorodifluoromethane

Concen: 49.85 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

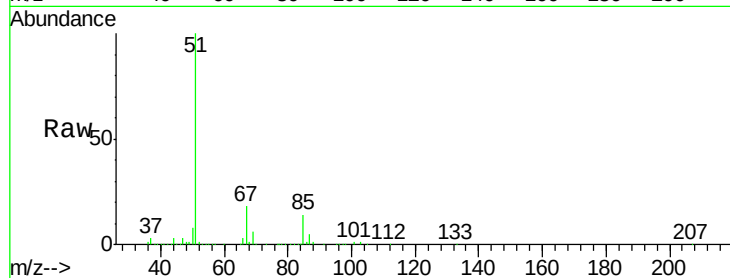
VSTDCCC050

Tgt Ion: 51 Resp: 400800

Ion Ratio Lower Upper

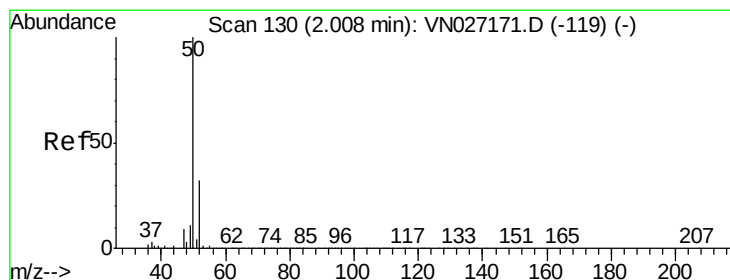
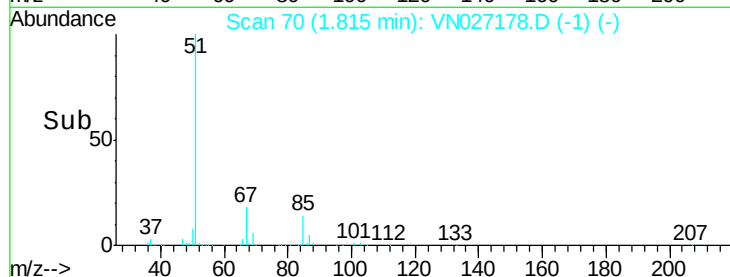
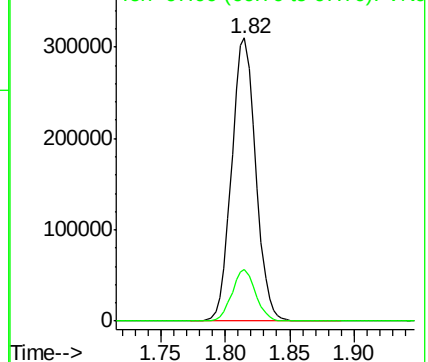
51 100

67 17.8 12.2 18.2



Abundance Ion 51.00 (50.70 to 51.70): VNO

Ion 67.00 (66.70 to 67.70): VNO



#4

Chloromethane

Concen: 47.41 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027178.D

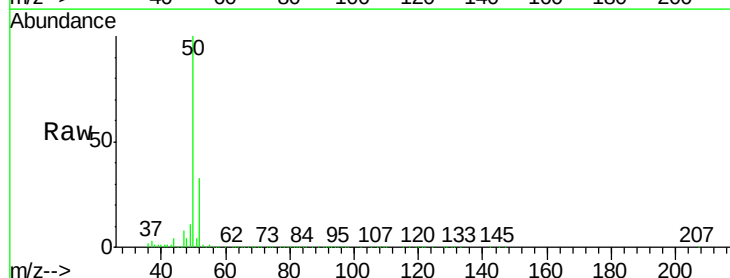
Acq: 15 Sep 2015 21:57

Tgt Ion: 50 Resp: 368441

Ion Ratio Lower Upper

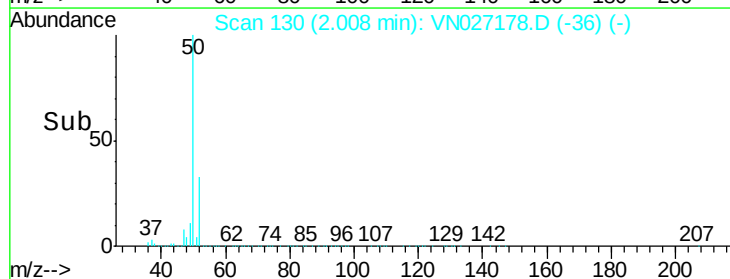
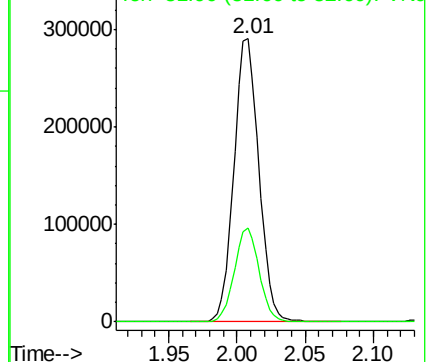
50 100

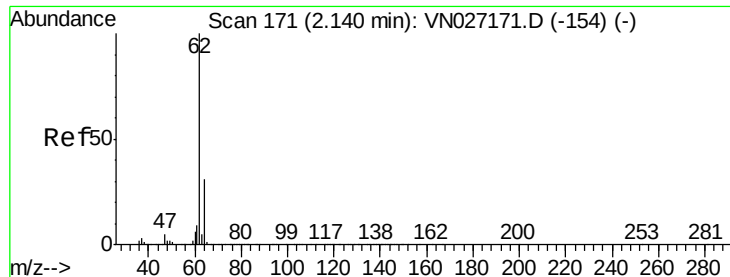
52 33.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Vinyl Chloride

Concen: 47.04 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027178.D

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ClientSampleId :

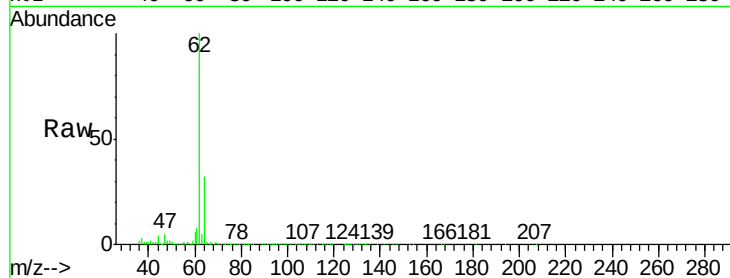
VSTDCCC050

Tgt Ion: 62 Resp: 385957

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.14

300000

250000

200000

150000

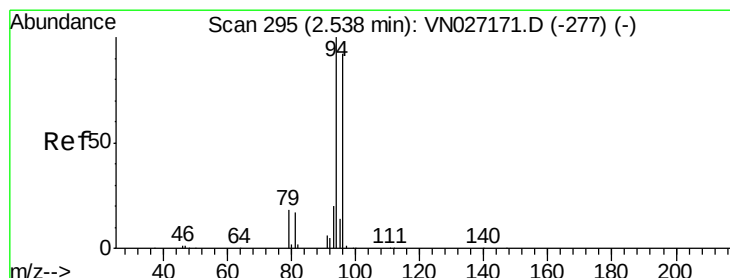
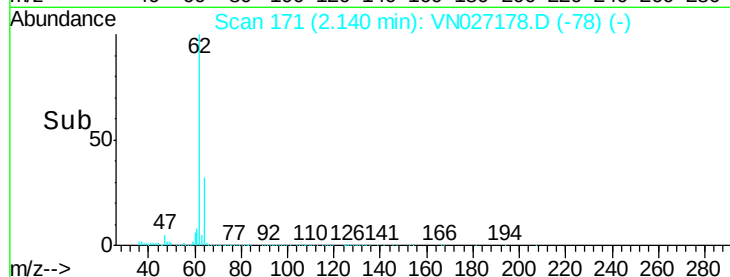
100000

50000

0

Time-->

2.10 2.20 2.30



#6

Bromomethane

Concen: 45.97 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VN027178.D

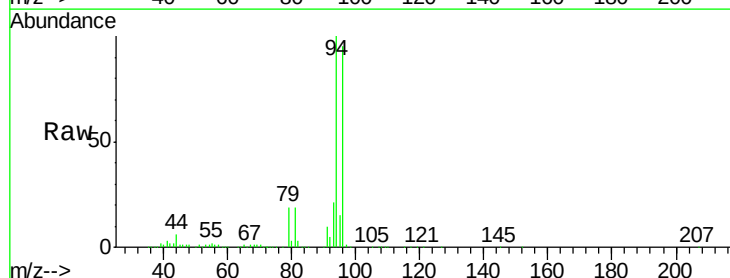
Acq: 15 Sep 2015 21:57

Tgt Ion: 94 Resp: 184619

Ion Ratio Lower Upper

94 100

96 94.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

100000

80000

60000

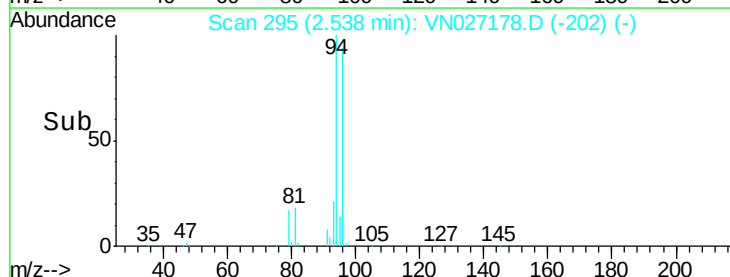
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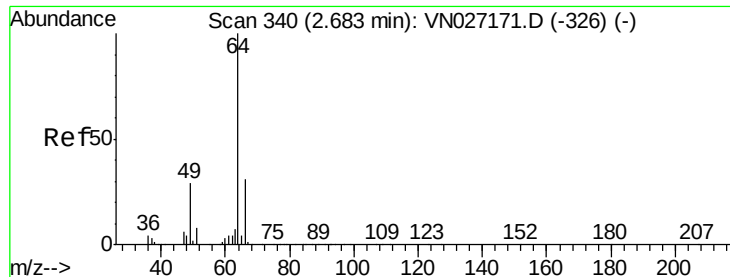
20000

0

Time-->

2.50 2.60





#7

Chloroethane

Concen: 46.30 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027178.D

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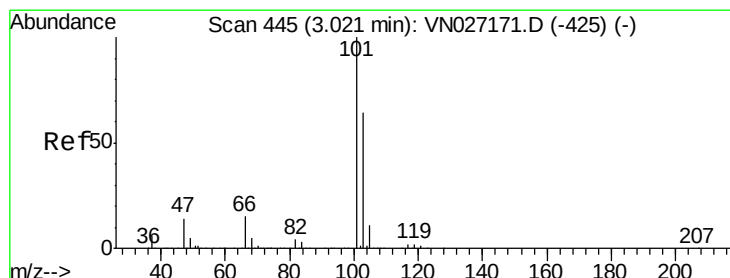
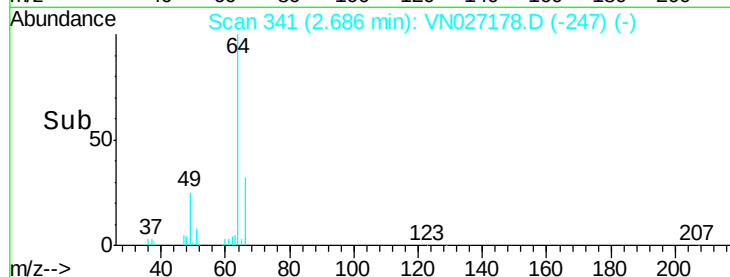
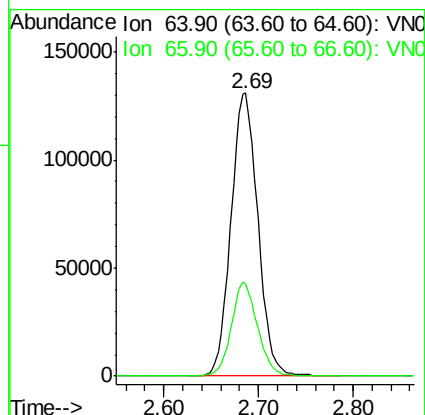
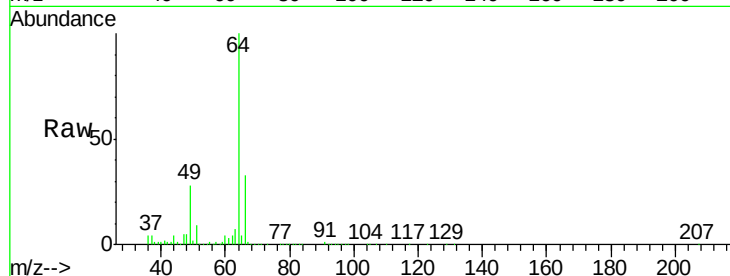
VSTDCCC050

Tgt Ion: 64 Resp: 258268

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3



#8

Trichlorofluoromethane

Concen: 46.82 ug/l

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027178.D

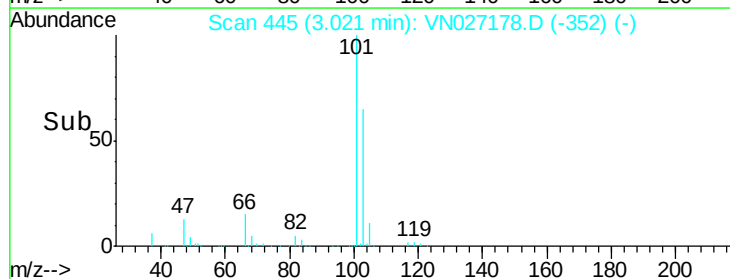
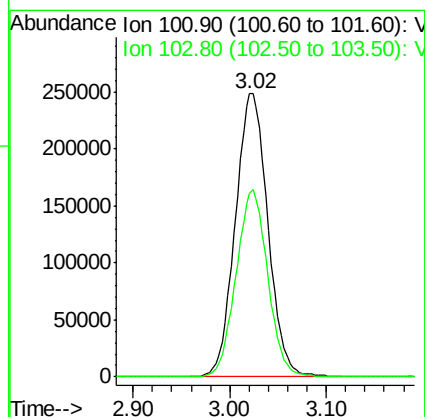
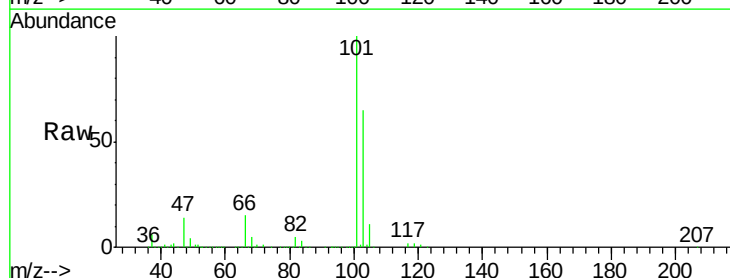
Acq: 15 Sep 2015 21:57

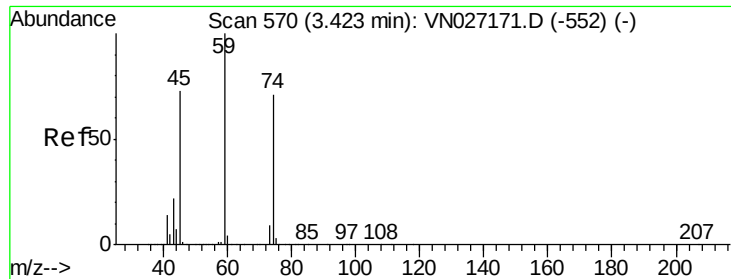
Tgt Ion: 101 Resp: 580315

Ion Ratio Lower Upper

101 100

103 65.0 52.6 79.0





#9

Diethyl Ether

Concen: 46.35 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

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Acq: 15 Sep 2015 21:57

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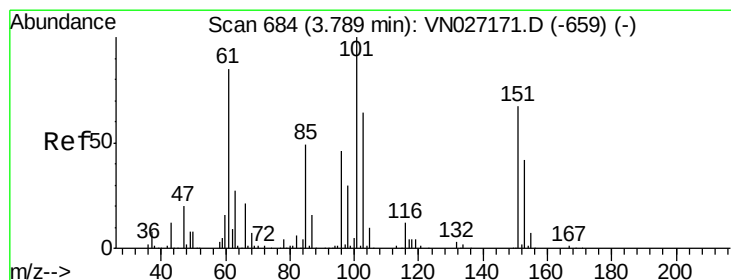
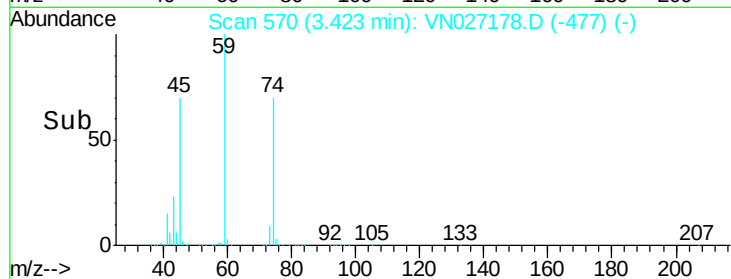
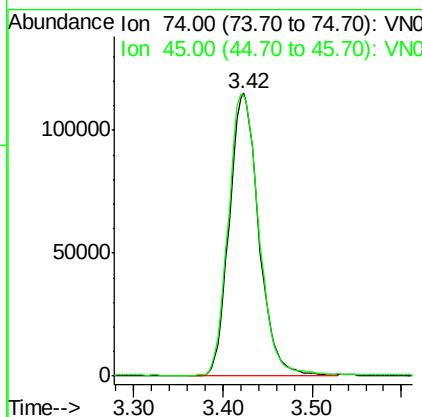
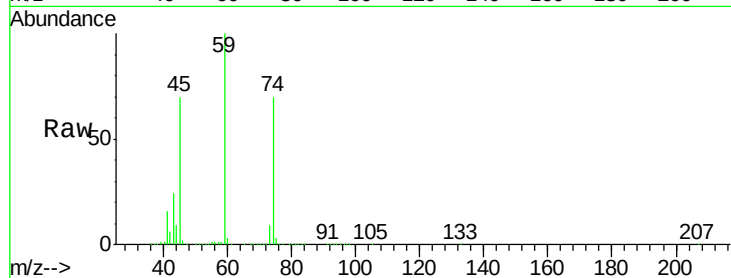
VSTDCCC050

Tgt Ion: 74 Resp: 264342

Ion Ratio Lower Upper

74 100

45 102.6 58.1 174.3



#10

1,1,2-Trichlorotrifluoroethane

Concen: 45.70 ug/l

RT: 3.79 min Scan# 683

Delta R.T. -0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

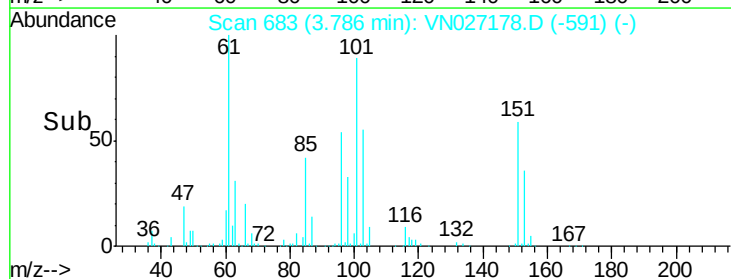
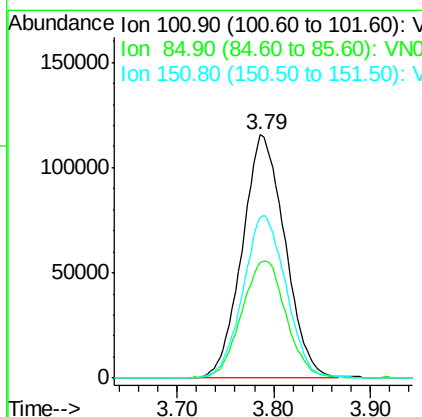
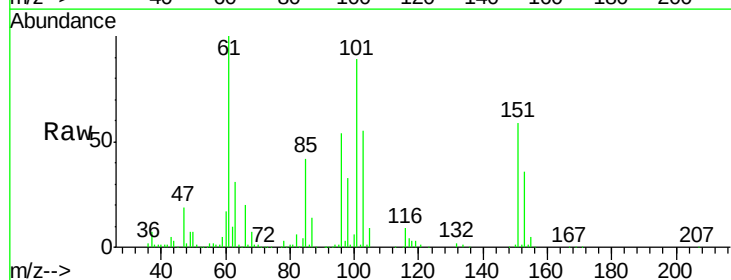
Tgt Ion: 101 Resp: 355758

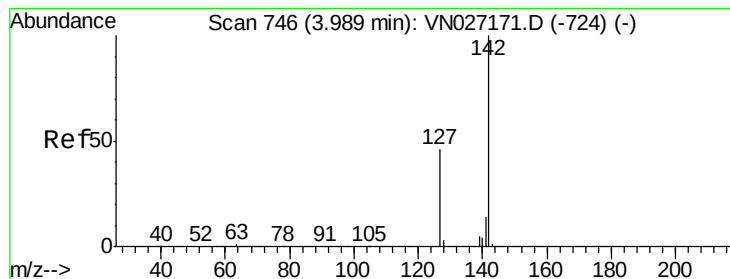
Ion Ratio Lower Upper

101 100

85 49.0 37.4 56.0

151 67.4 55.9 83.9





#11

Methyl Iodide

Concen: 50.47 ug/l

RT: 3.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

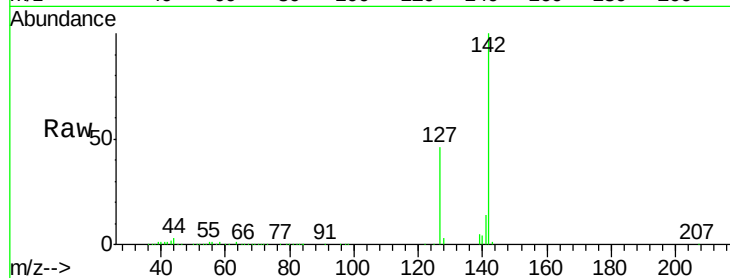
Tgt Ion:142 Resp: 381882

Ion Ratio Lower Upper

142 100

127 46.2 32.3 48.5

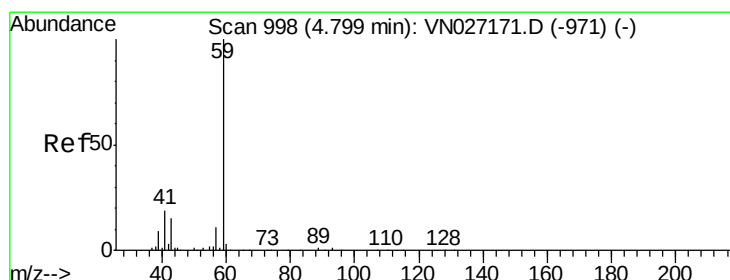
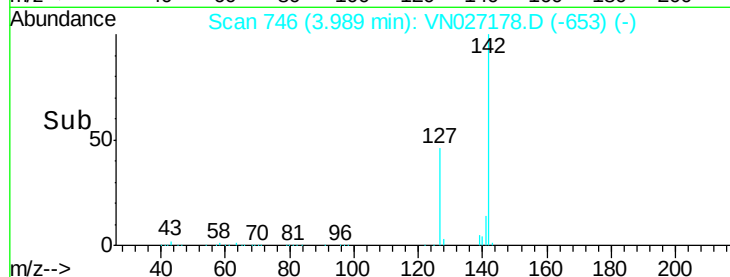
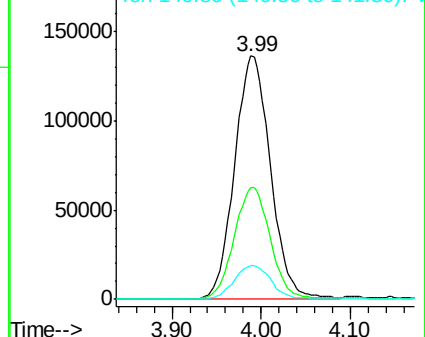
141 14.5 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#12

Tert butyl alcohol

Concen: 233.63 ug/l

RT: 4.80 min Scan# 997

Delta R.T. -0.00 min

Lab File: VN027178.D

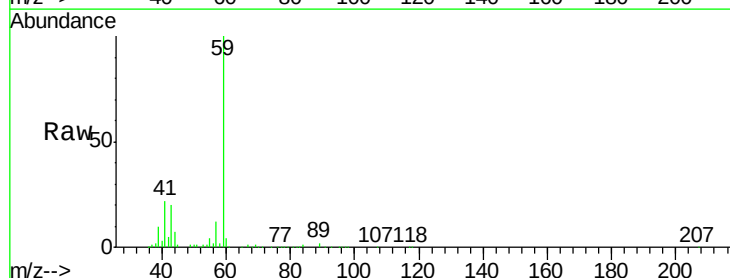
Acq: 15 Sep 2015 21:57

Tgt Ion: 59 Resp: 271800

Ion Ratio Lower Upper

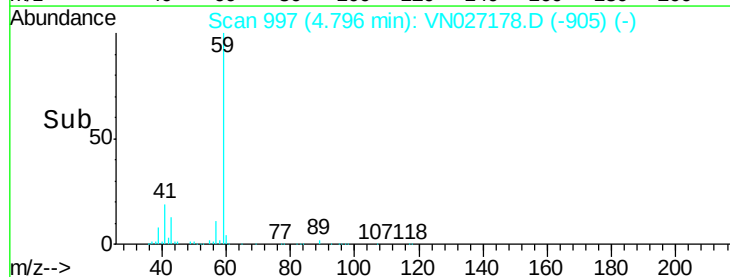
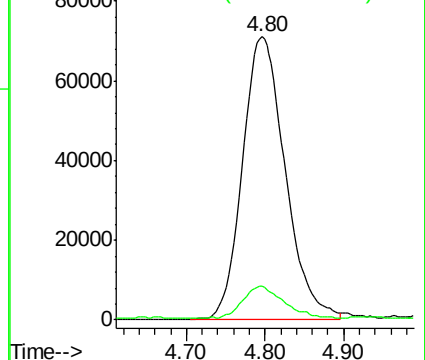
59 100

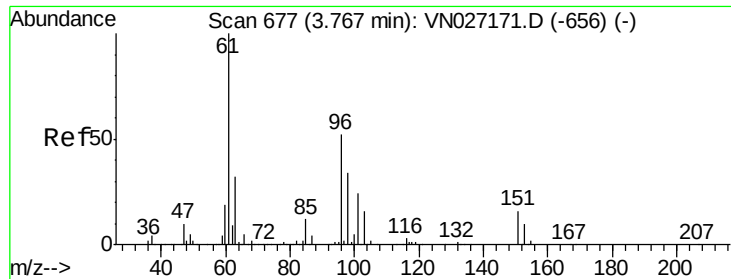
57 10.8 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

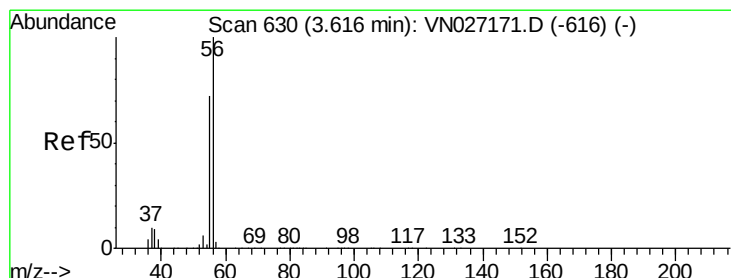
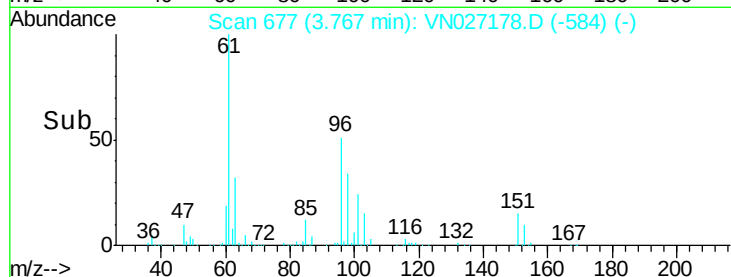
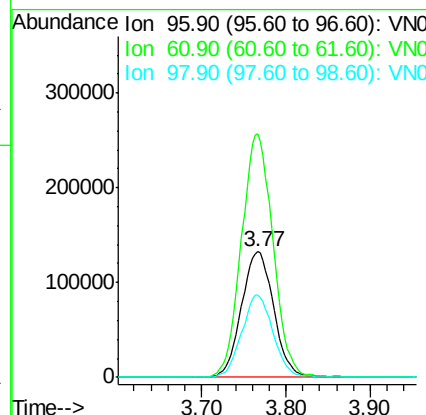
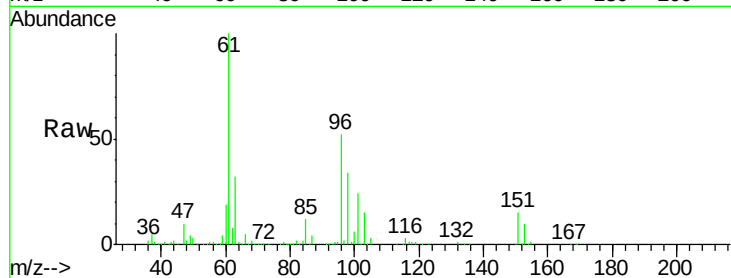




#13
 1,1-Dichloroethene
 Concen: 47.23 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

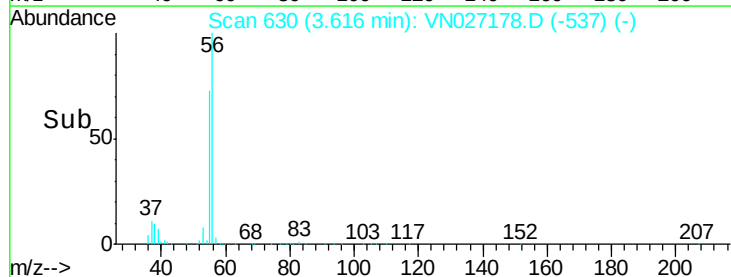
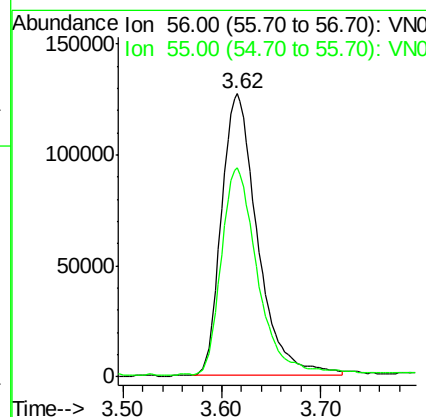
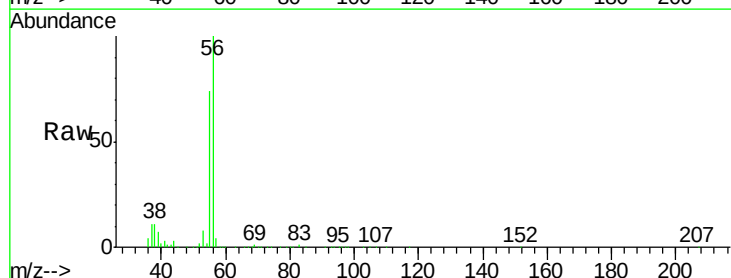
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

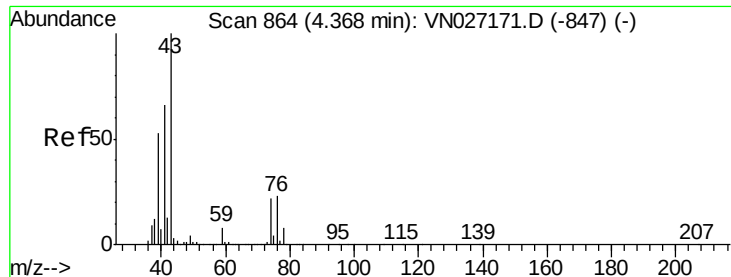
Tgt Ion: 96 Resp: 352079
 Ion Ratio Lower Upper
 96 100
 61 194.1 143.8 215.8
 98 65.1 50.3 75.5



#14
 Acrolein
 Concen: 238.39 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion: 56 Resp: 325799
 Ion Ratio Lower Upper
 56 100
 55 74.0 55.7 83.5

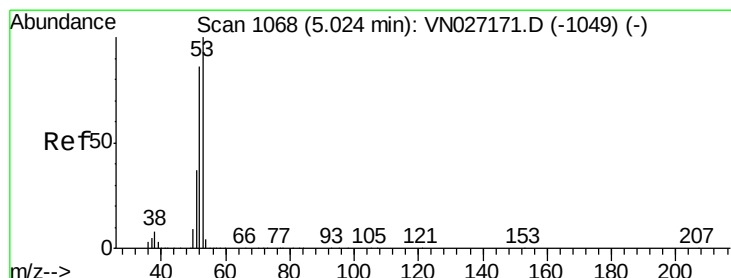
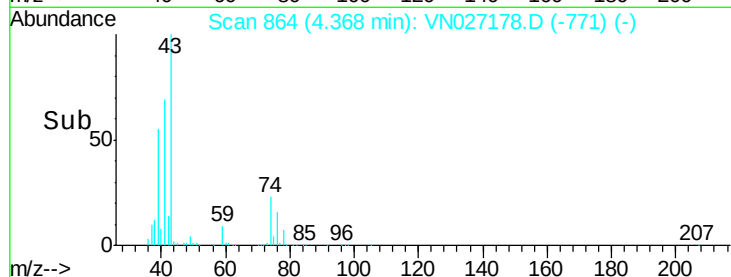
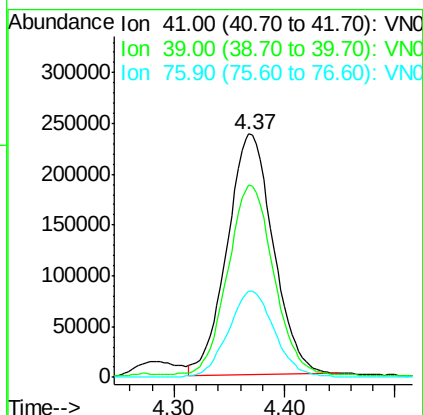
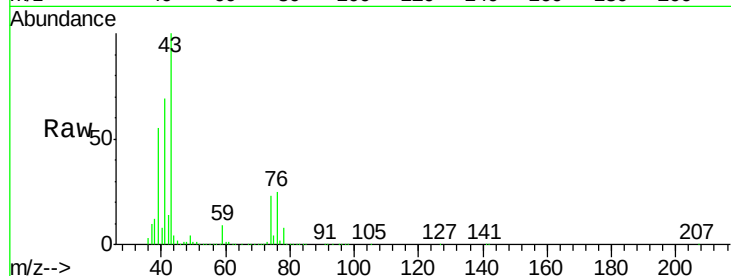




#15
 Allyl chloride
 Concen: 45.51 ug/l
 RT: 4.37 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

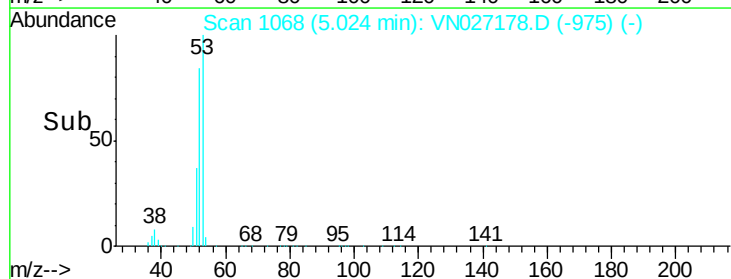
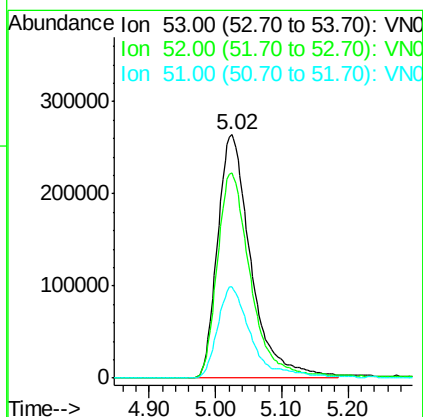
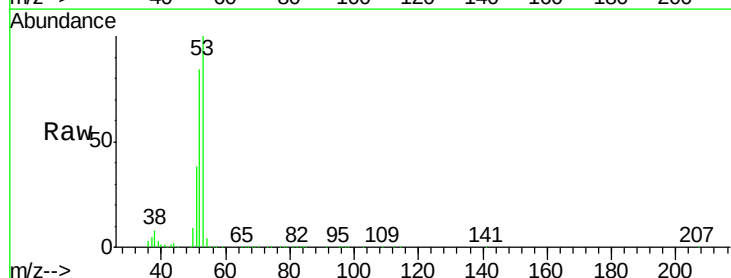
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

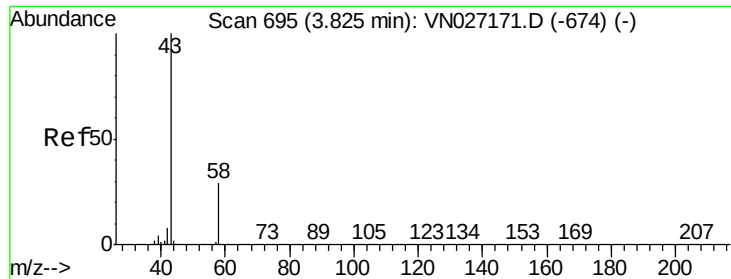
Tgt Ion: 41 Resp: 685289
 Ion Ratio Lower Upper
 41 100
 39 79.9 49.7 74.5#
 76 35.4 24.8 37.2



#16
 Acrylonitrile
 Concen: 242.45 ug/l
 RT: 5.02 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion: 53 Resp: 922373
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.9 100.3
 51 38.2 27.4 41.0





#17

Acetone

Concen: 231.27 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

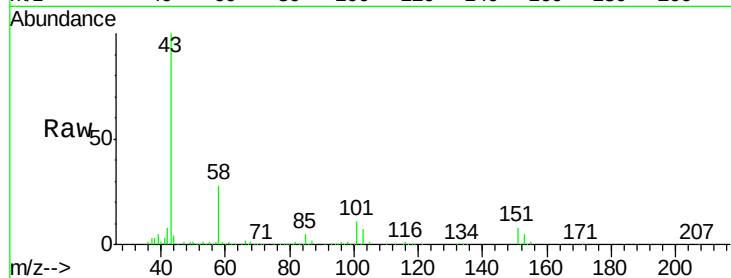
VSTDCCC050

Tgt Ion: 43 Resp: 741848

Ion Ratio Lower Upper

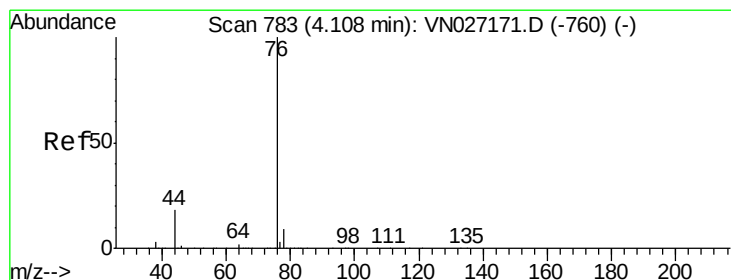
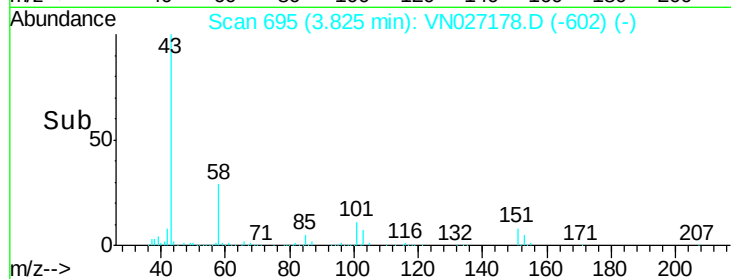
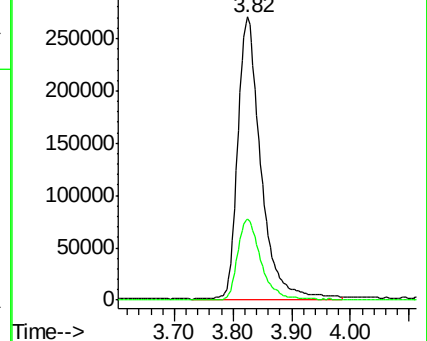
43 100

58 28.5 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: 45.32 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027178.D

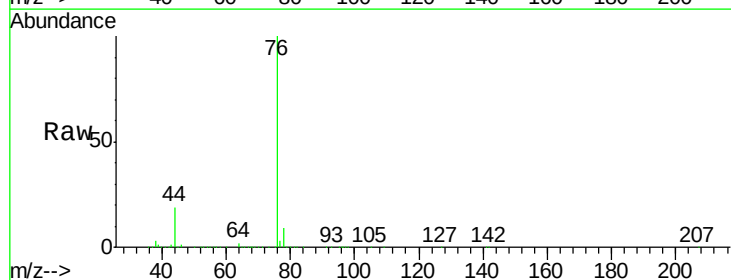
Acq: 15 Sep 2015 21:57

Tgt Ion: 76 Resp: 1100296

Ion Ratio Lower Upper

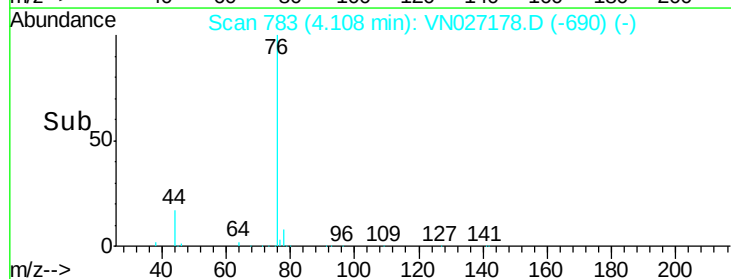
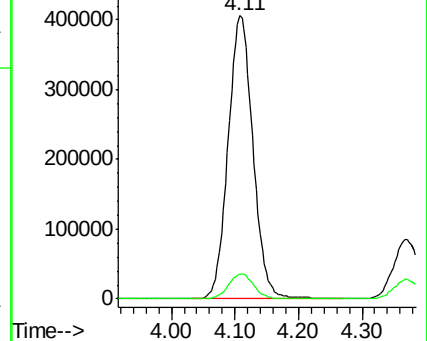
76 100

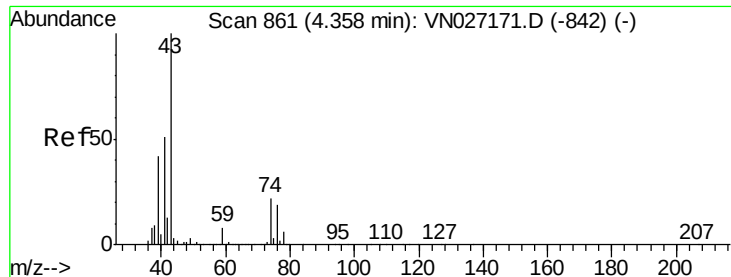
78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

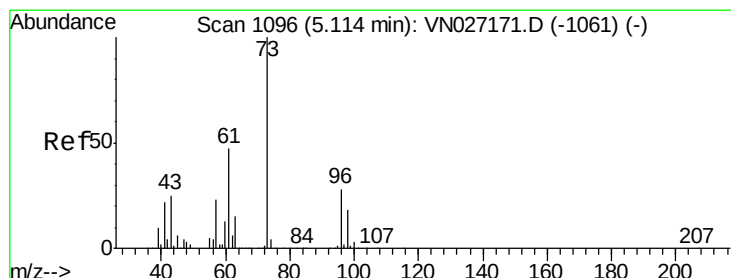
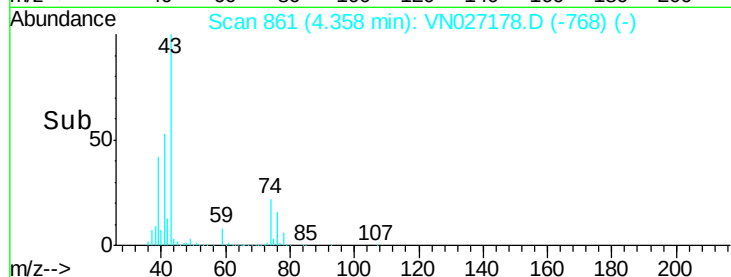
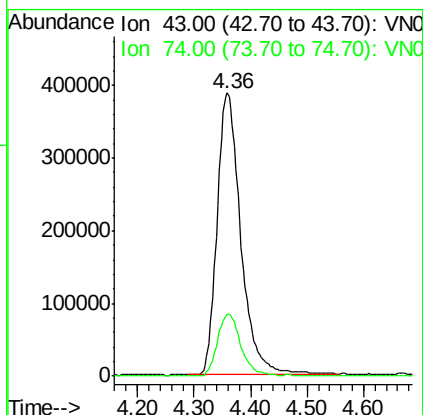
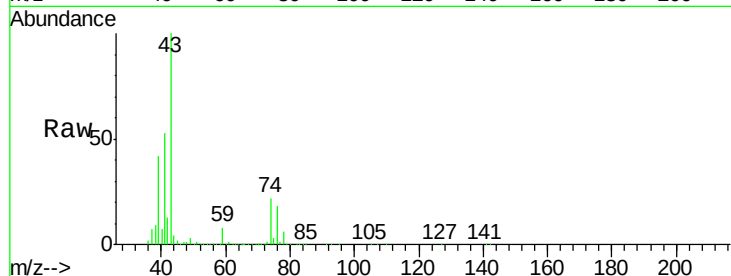




#19
Methyl Acetate
Concen: 48.94 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

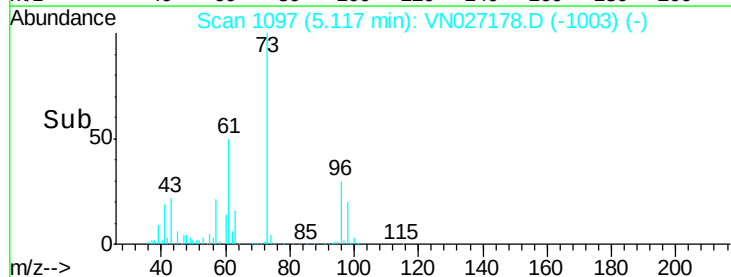
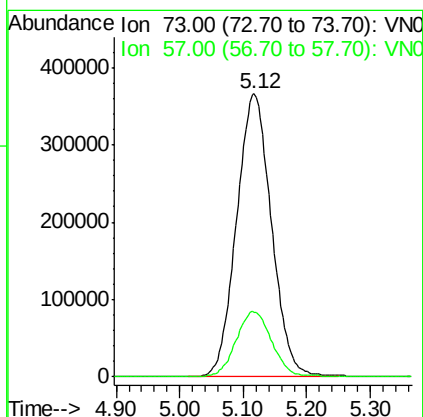
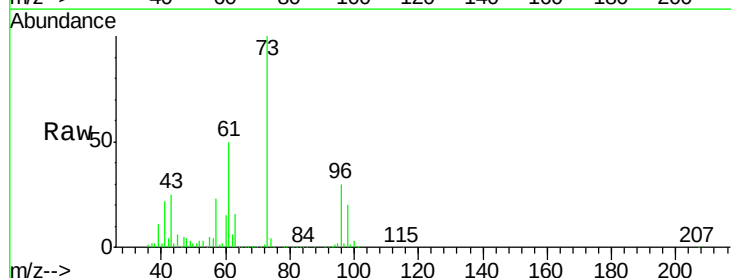
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

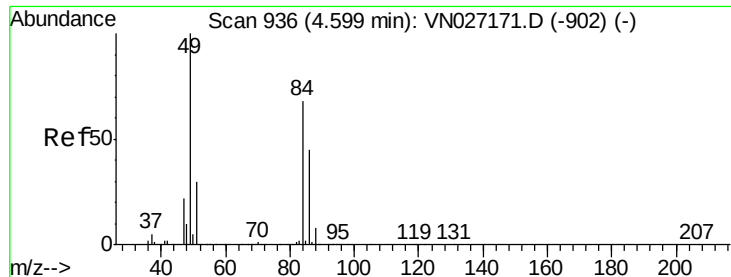
Tgt Ion: 43 Resp: 1137115
Ion Ratio Lower Upper
43 100
74 21.7 16.2 24.2



#20
Methyl tert-butyl Ether
Concen: 46.63 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

Tgt Ion: 73 Resp: 1395561
Ion Ratio Lower Upper
73 100
57 22.8 19.8 29.6

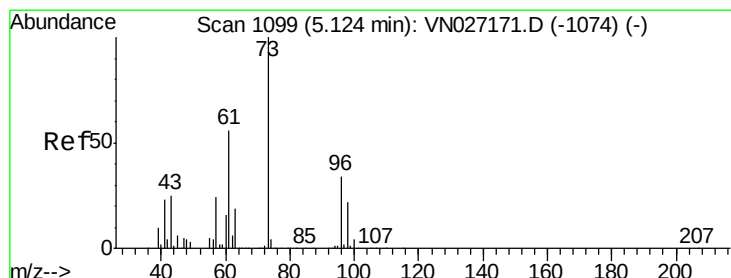
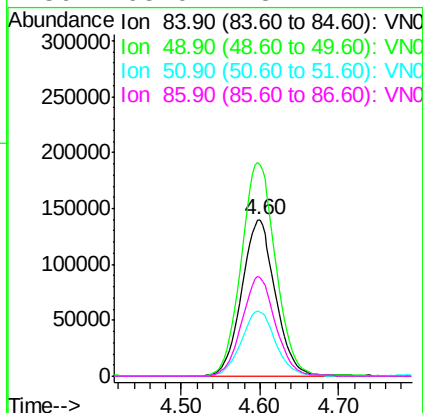
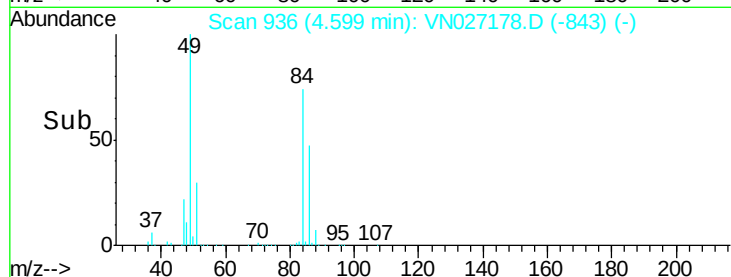
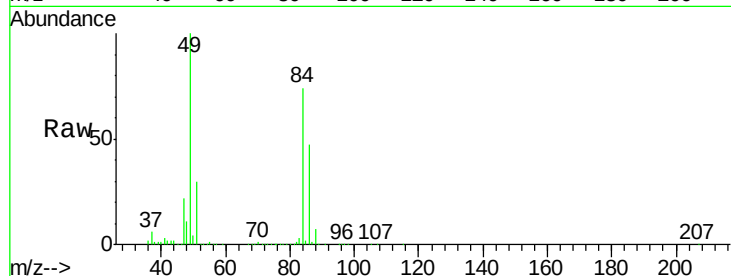




#21
Methylene Chloride
Concen: 47.05 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

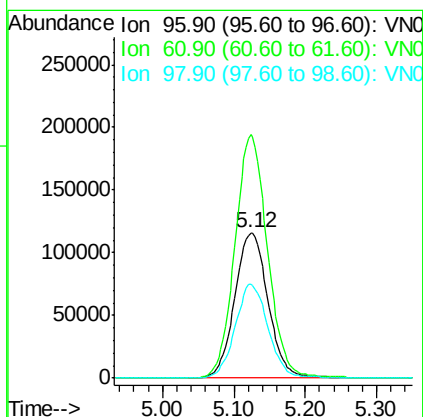
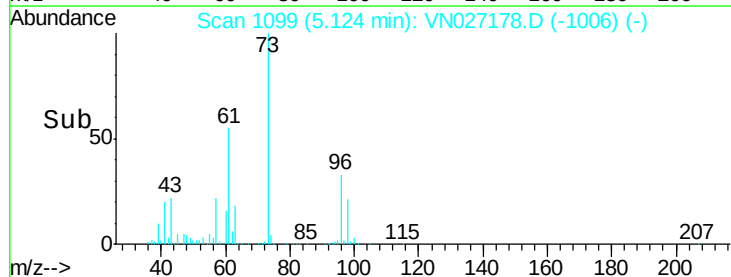
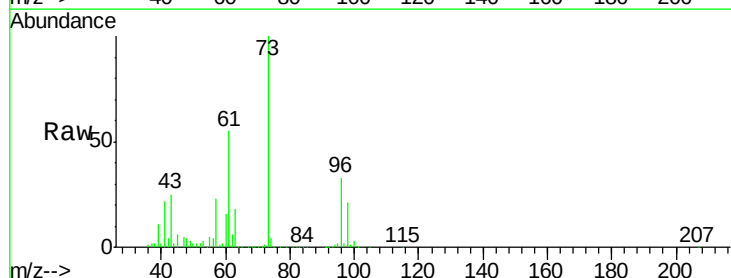
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

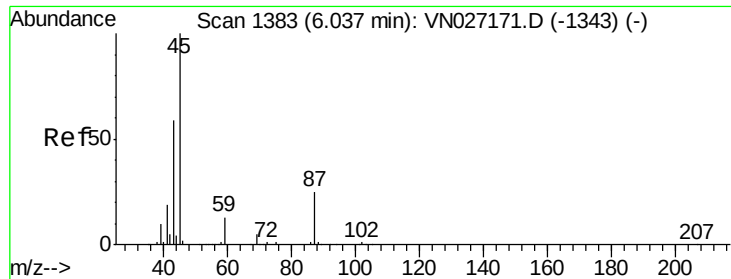
Tgt Ion: 84 Resp: 420442
Ion Ratio Lower Upper
84 100
49 135.4 112.3 168.5
51 40.9 33.8 50.8
86 63.0 48.2 72.4



#22
trans-1,2-Dichloroethene
Concen: 46.92 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

Tgt Ion: 96 Resp: 378369
Ion Ratio Lower Upper
96 100
61 167.1 126.6 189.8
98 64.3 47.4 71.2



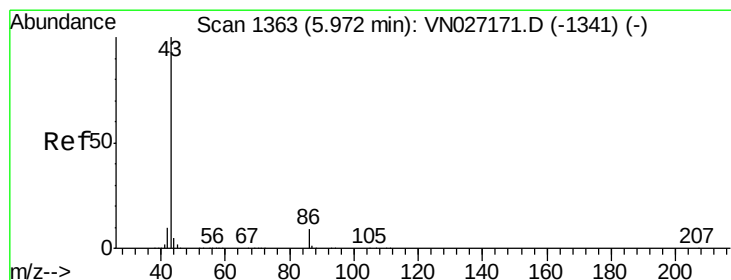
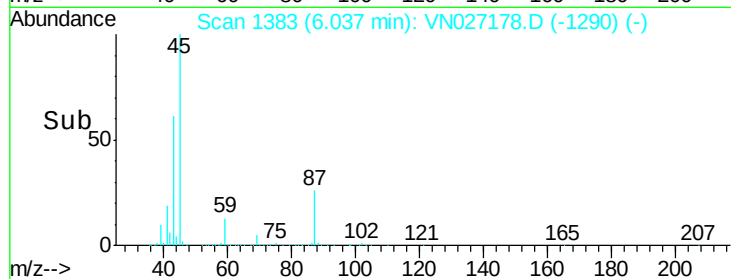
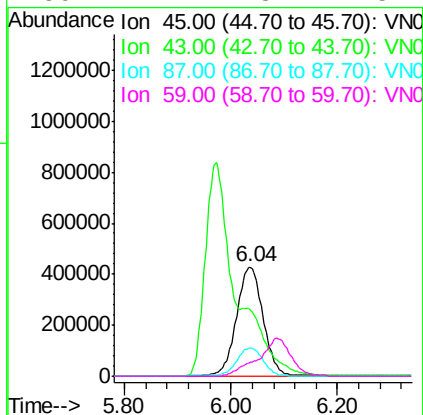
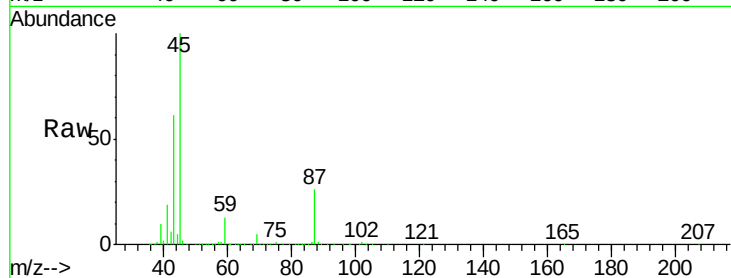


#23
Diisopropyl ether
Concen: 46.83 ug/l
RT: 6.04 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 45 Resp: 1479406

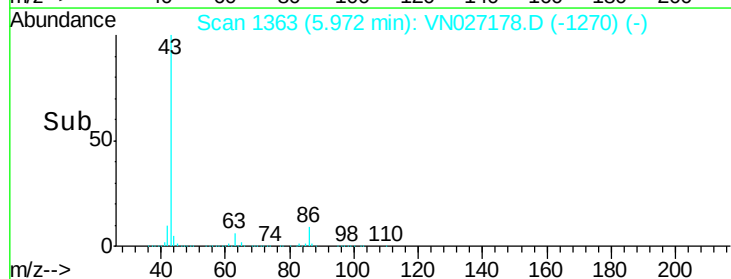
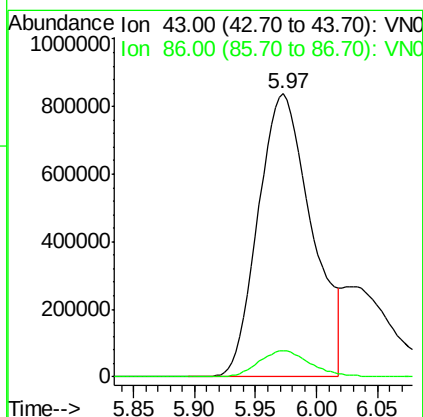
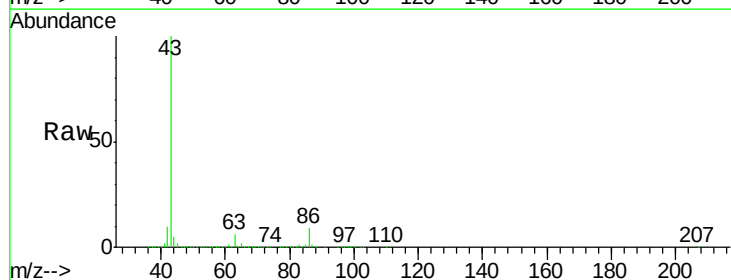
Ion	Ratio	Lower	Upper
45	100		
43	59.9	41.0	61.6
87	26.0	17.5	26.3
59	12.2	8.7	13.1

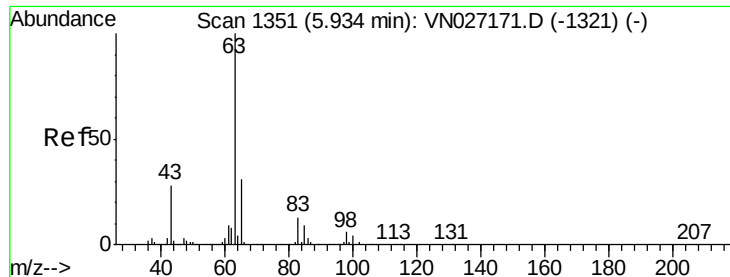


#24
Vinyl Acetate
Concen: 243.07 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

Tgt Ion: 43 Resp: 2541825

Ion	Ratio	Lower	Upper
43	100		
86	9.2	6.9	10.3

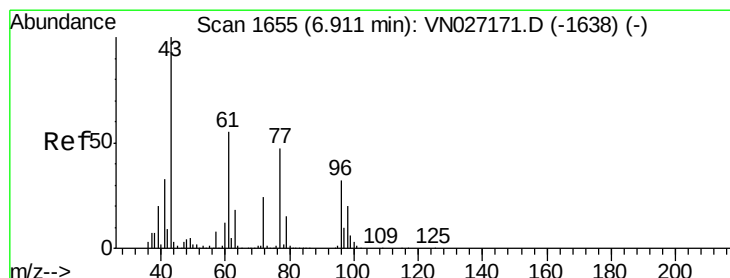
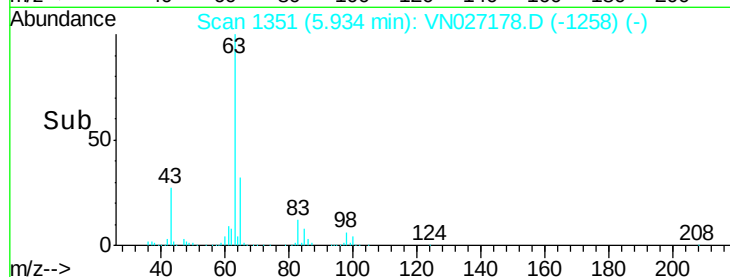
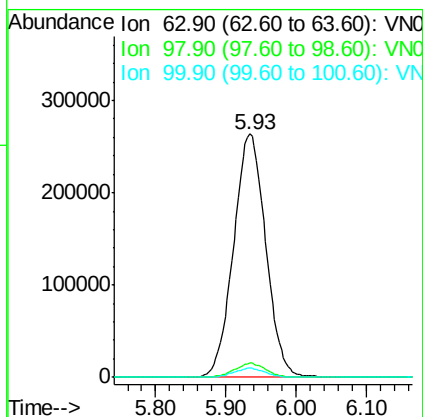
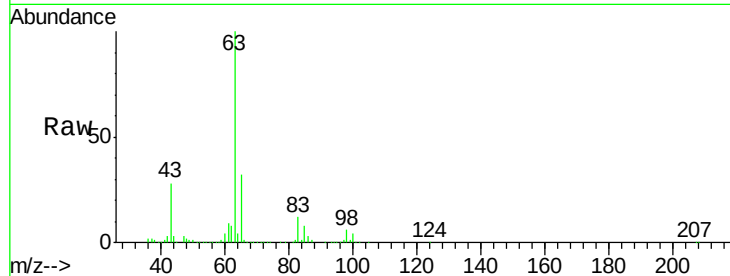




#25
 1,1-Dichloroethane
 Concen: 45.77 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

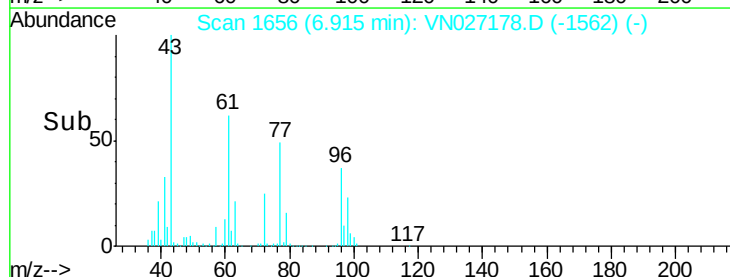
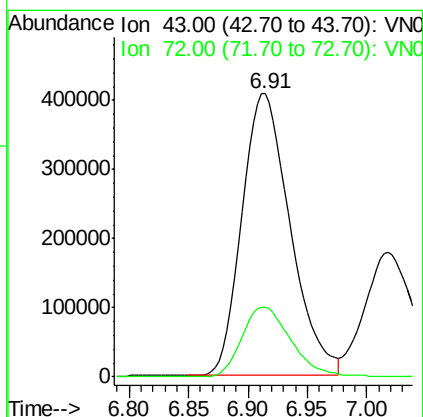
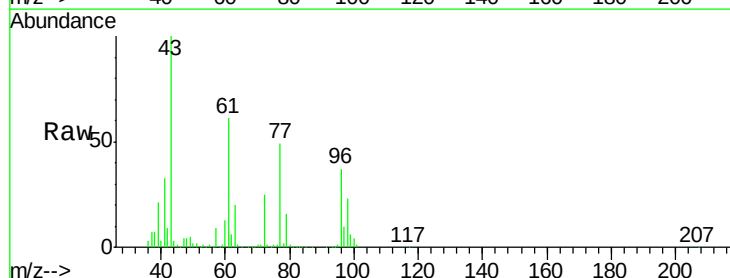
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

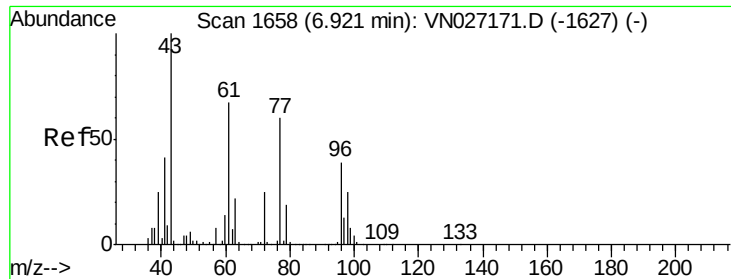
Tgt Ion: 63 Resp: 840097
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.8 8.3
 100 3.7 1.7 5.0



#26
 2-Butanone
 Concen: 238.19 ug/l
 RT: 6.91 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion: 43 Resp: 1150543
 Ion Ratio Lower Upper
 43 100
 72 24.8 18.8 28.2

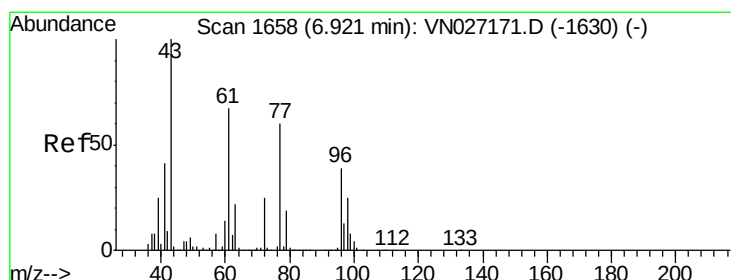
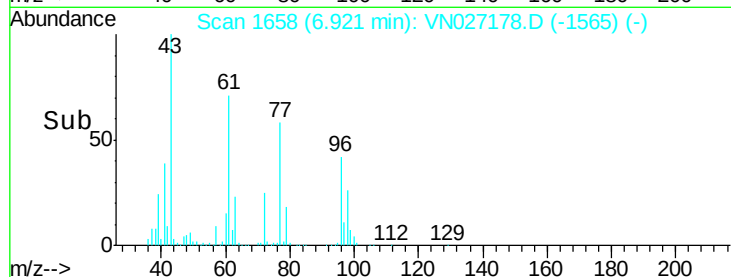
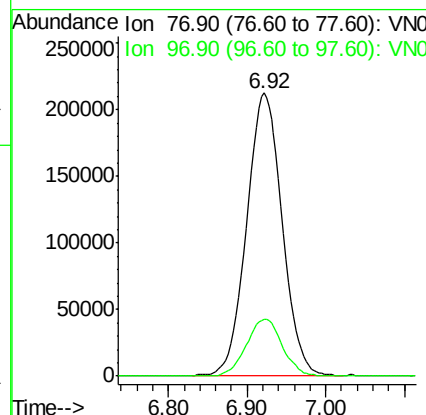
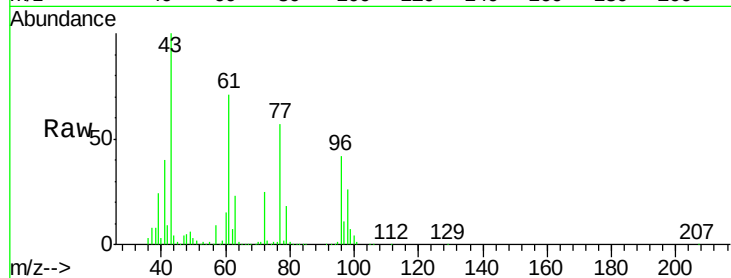




#27
 2,2-Dichloropropane
 Concen: 42.07 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

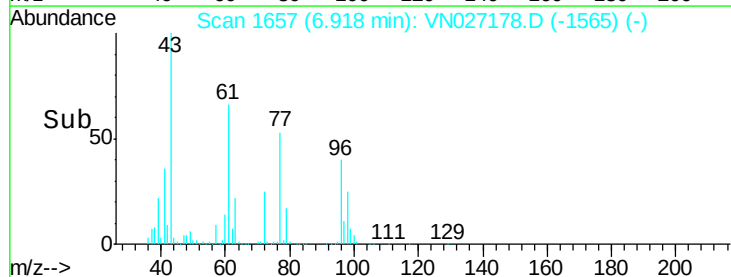
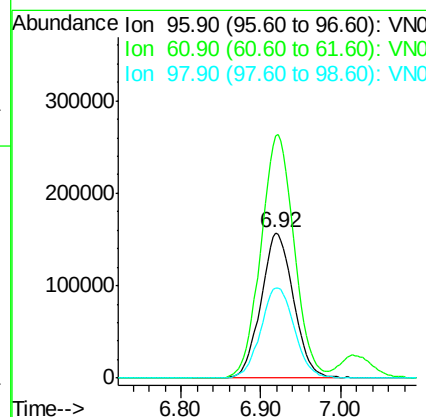
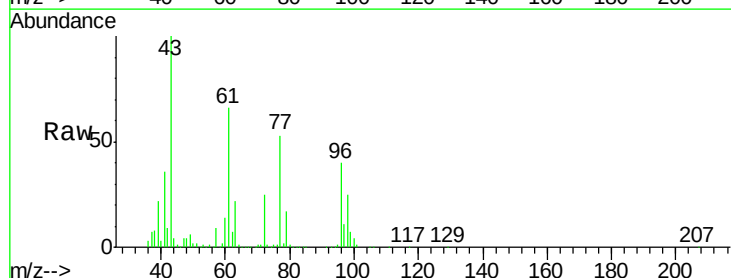
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

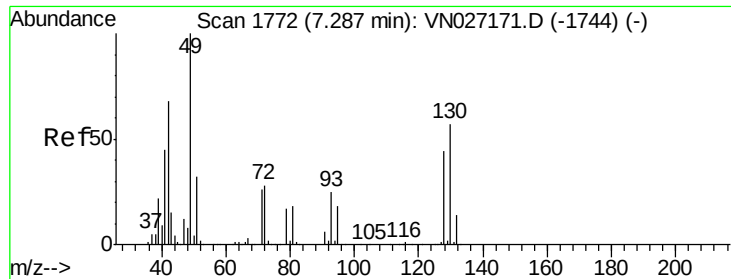
Tgt Ion: 77 Resp: 669961
 Ion Ratio Lower Upper
 77 100
 97 20.4 11.8 35.3



#28
 cis-1,2-Dichloroethene
 Concen: 47.55 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion: 96 Resp: 439802
 Ion Ratio Lower Upper
 96 100
 61 171.6 0.0 329.2
 98 64.8 0.0 126.0





#29

Bromochloromethane

Concen: 47.67 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

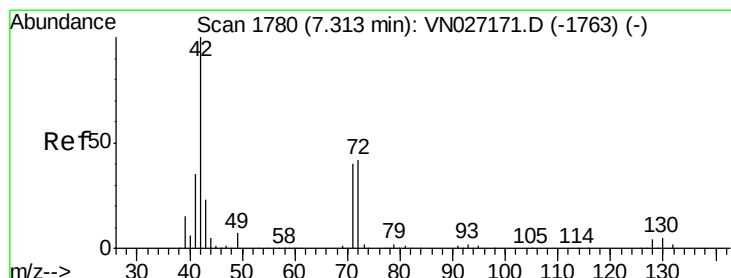
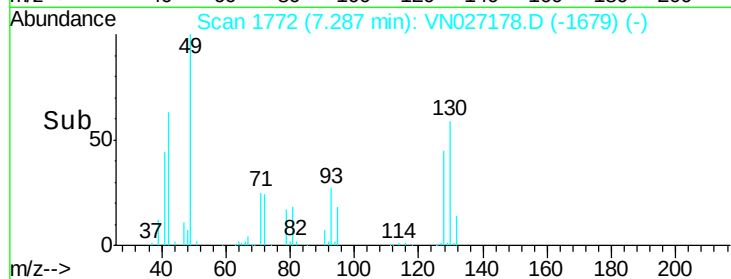
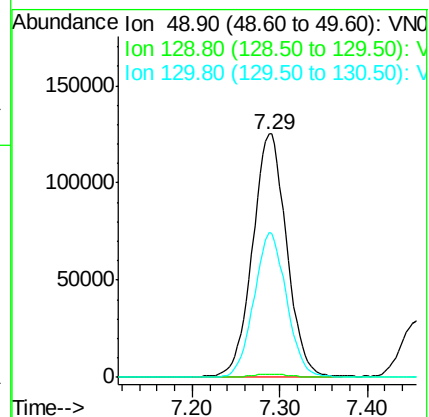
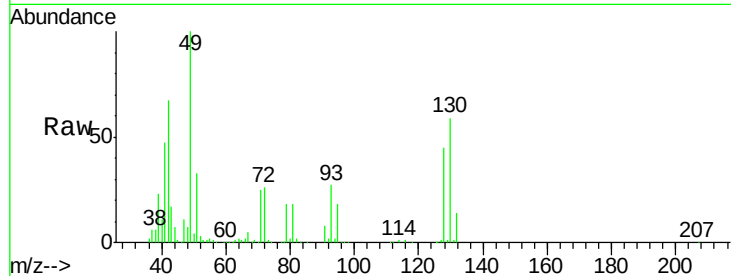
Tgt Ion: 49 Resp: 339625

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

130 56.5 43.2 64.8



#30

Tetrahydrofuran

Concen: 224.63 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

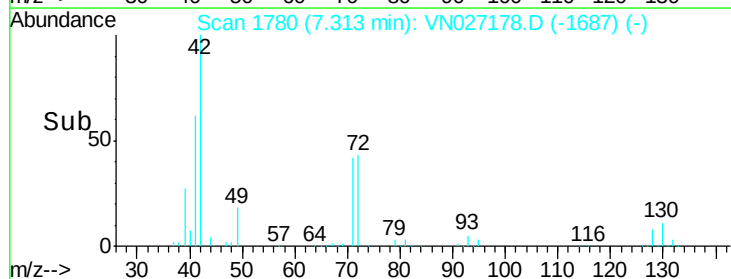
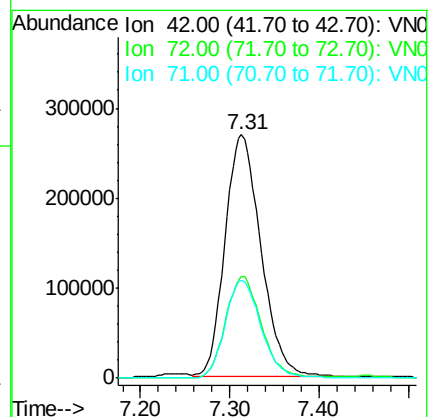
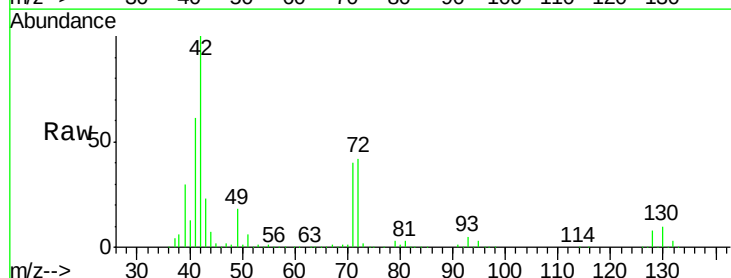
Tgt Ion: 42 Resp: 747790

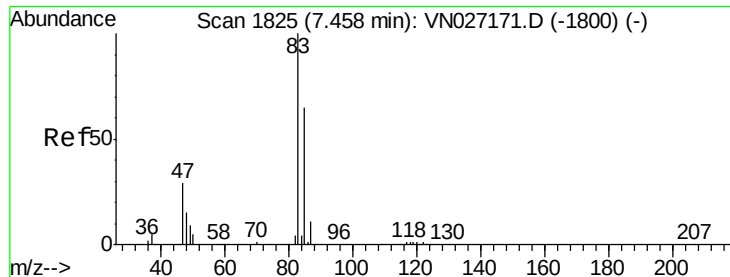
Ion Ratio Lower Upper

42 100

72 42.0 29.9 44.9

71 40.2 28.3 42.5

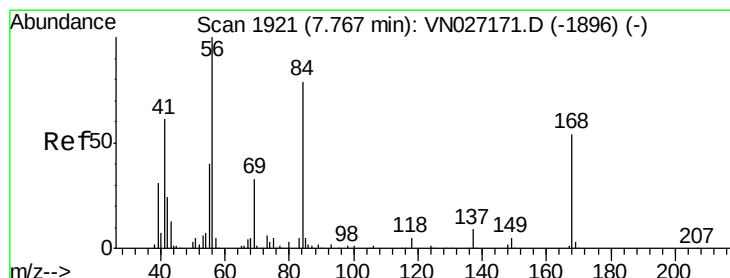
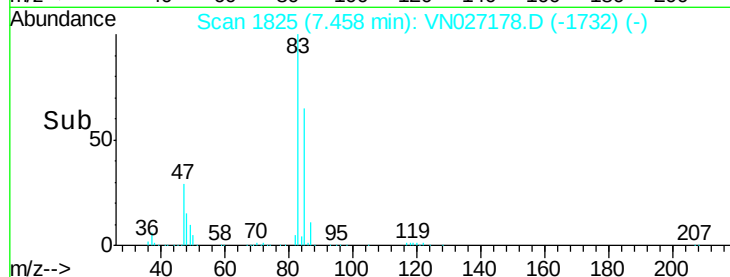
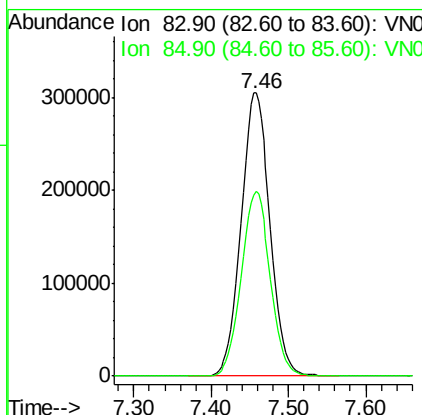
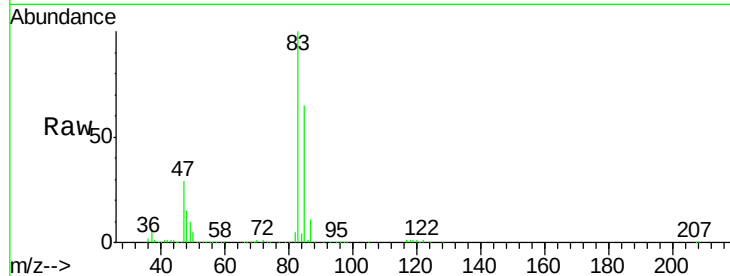




#31
Chloroform
Concen: 47.70 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

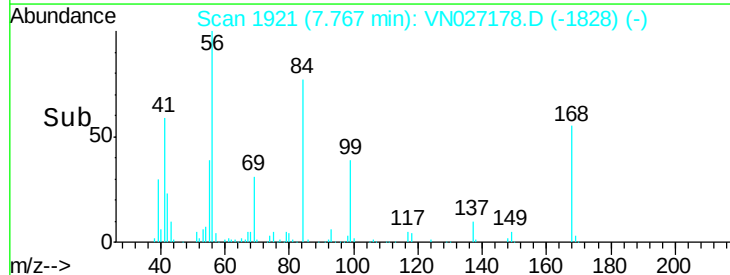
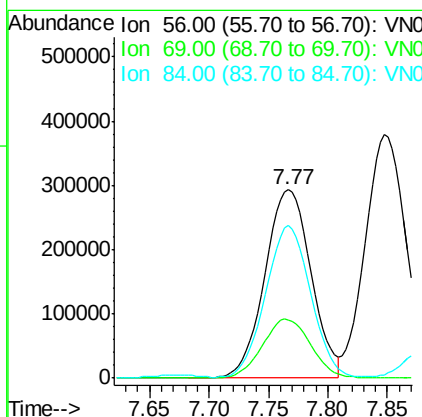
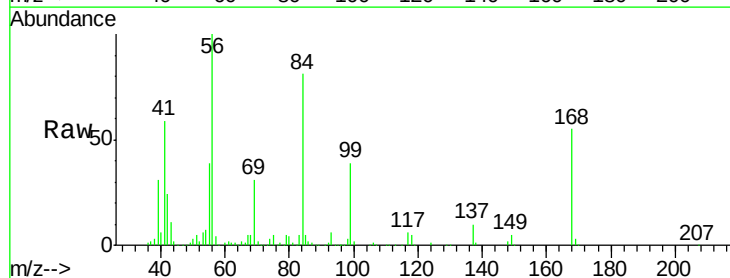
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

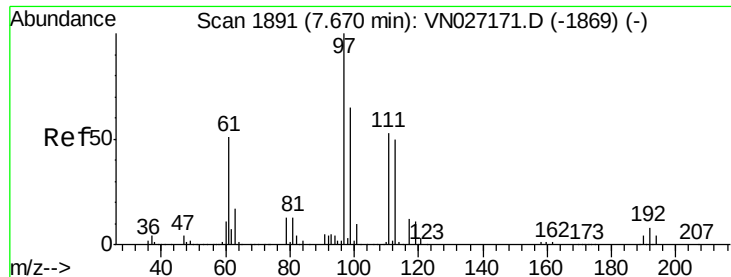
Tgt Ion: 83 Resp: 791119
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7



#32
Cyclohexane
Concen: 48.19 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

Tgt Ion: 56 Resp: 787925
Ion Ratio Lower Upper
56 100
69 31.0 23.0 34.4
84 79.9 57.8 86.8

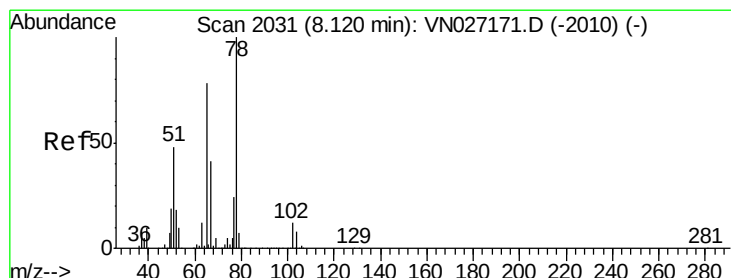
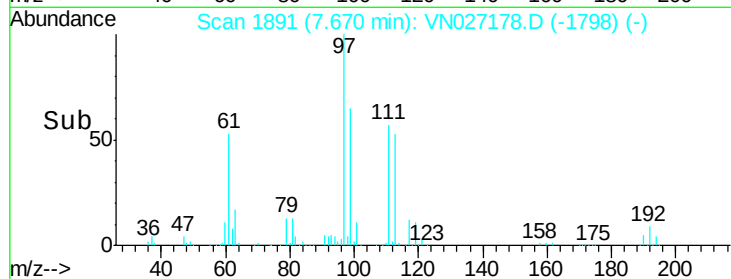
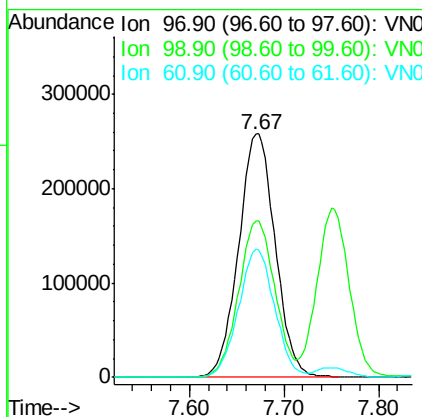
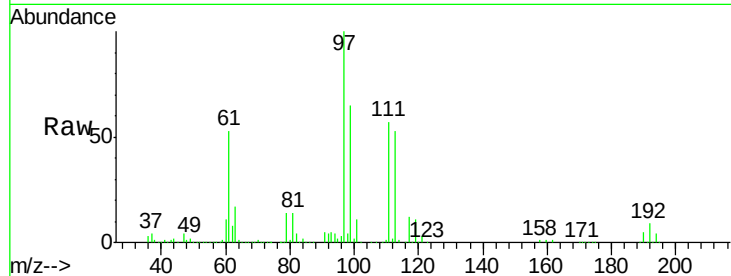




#33
 1,1,1-Trichloroethane
 Concen: 46.66 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

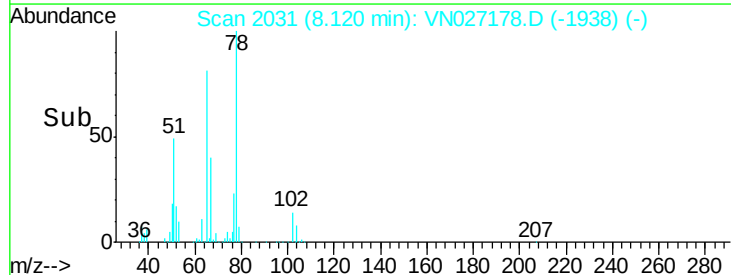
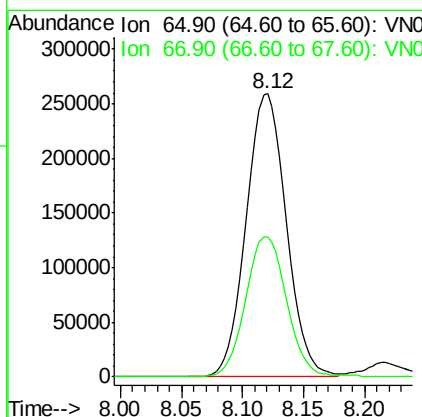
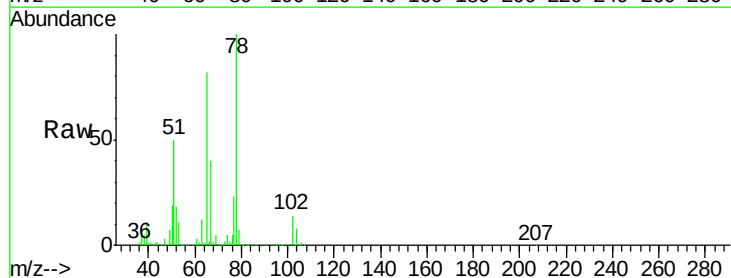
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

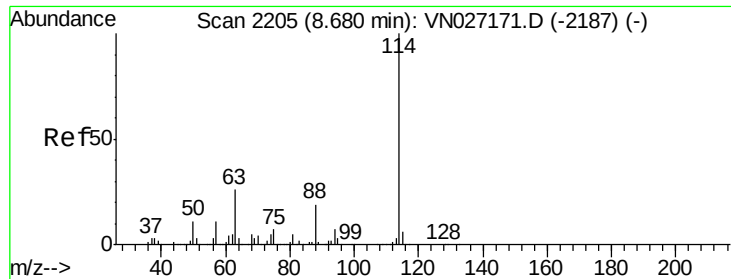
Tgt Ion: 97 Resp: 689989
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.1 75.1
 61 52.1 44.0 66.0



#34
 1,2-Dichloroethane-d4
 Concen: 49.69 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion: 65 Resp: 591157
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 110.6

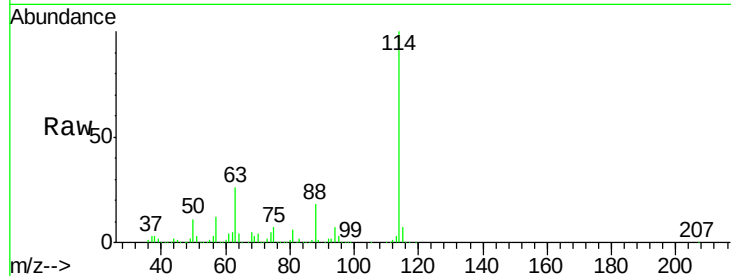




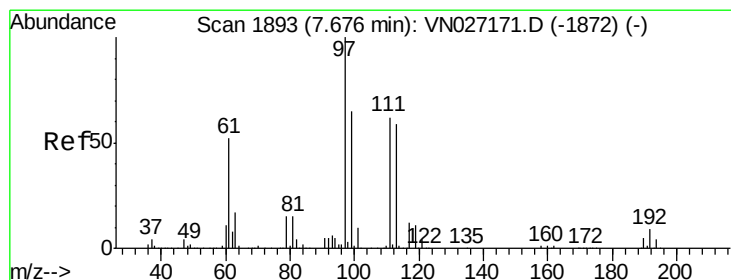
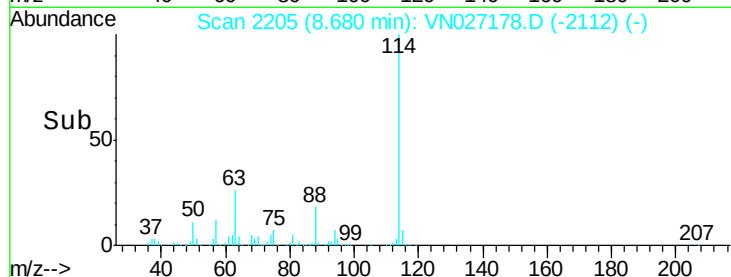
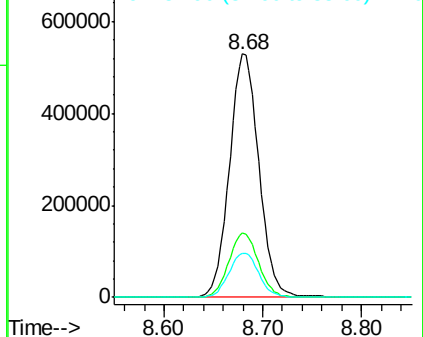
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:114 Resp: 1101119
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 48.8
 88 18.2 0.0 32.2

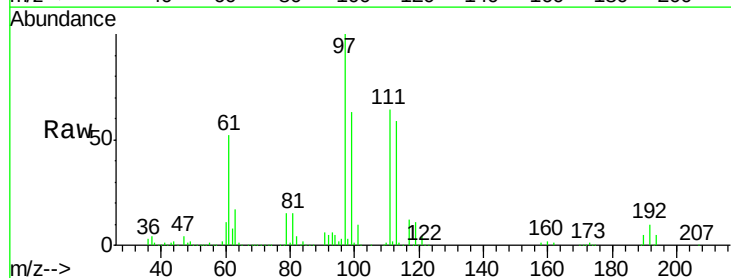


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

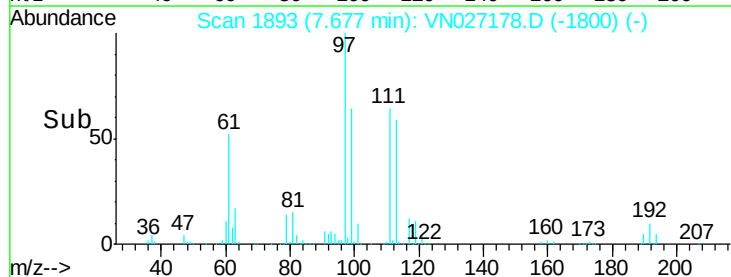
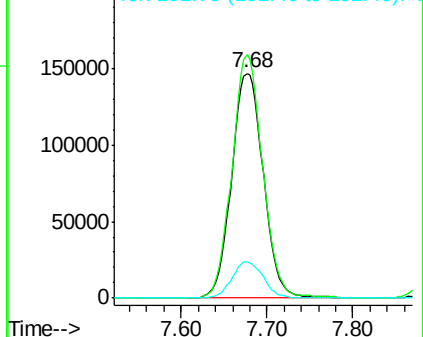


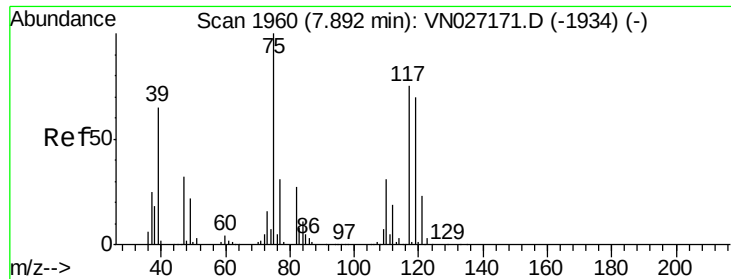
#36
 Dibromofluoromethane
 Concen: 49.18 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion:113 Resp: 375381
 Ion Ratio Lower Upper
 113 100
 111 105.0 83.0 124.4
 192 16.1 14.1 21.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

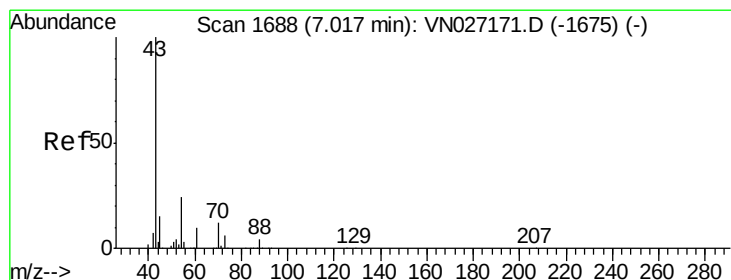
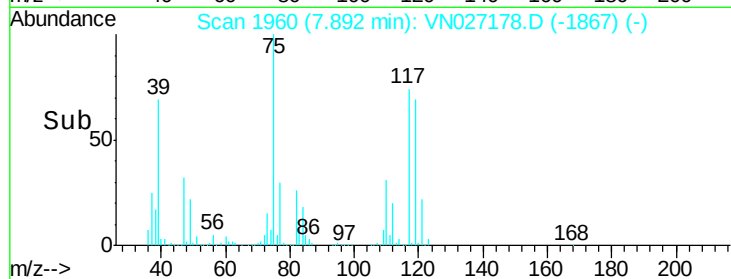
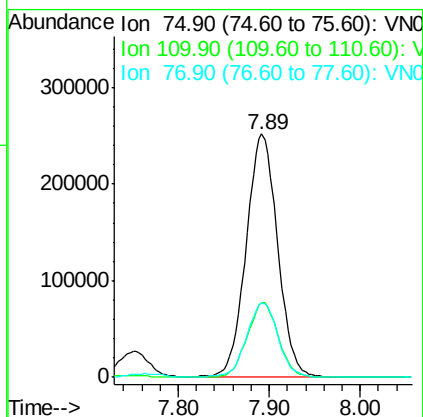
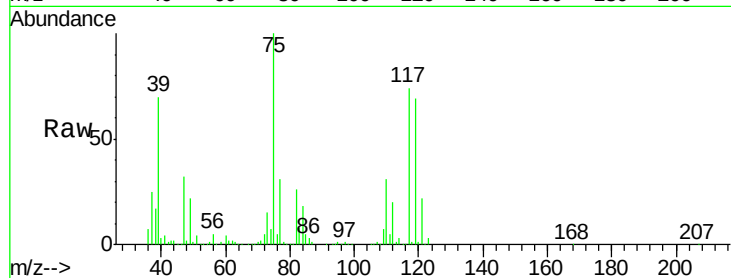




#37
 1,1-Dichloropropene
 Concen: 46.69 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

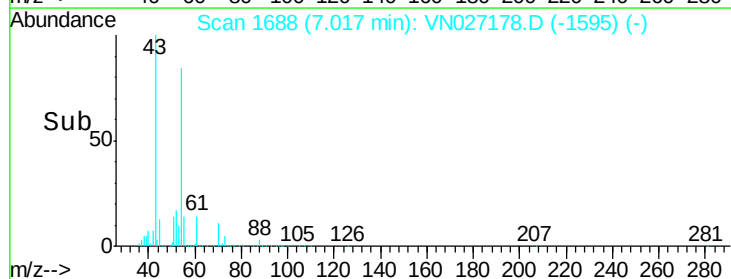
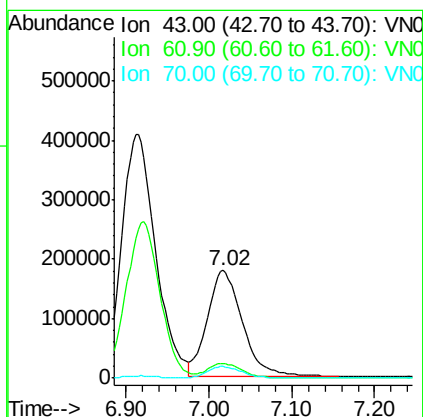
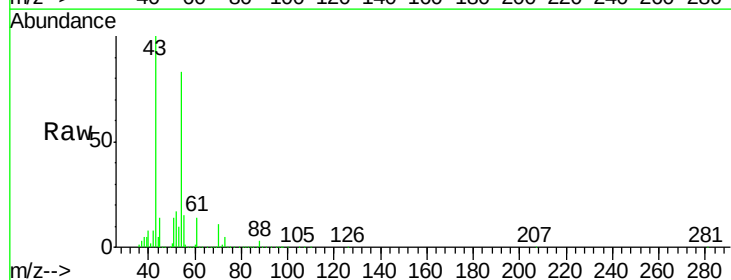
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

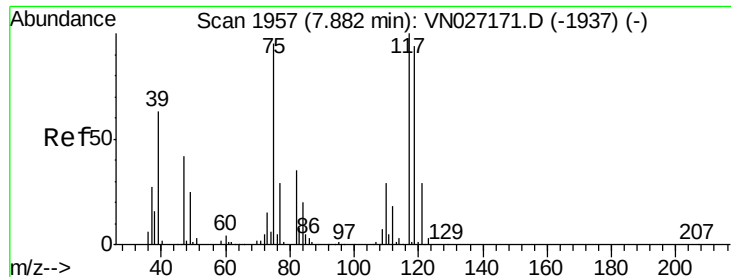
Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.5	15.9	47.7
77	30.3	24.9	37.3



#38
 Ethyl Acetate
 Concen: 48.14 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.4
70	10.1	7.4	11.0





#39

Carbon Tetrachloride

Concen: 46.72 ug/l

RT: 7.88 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

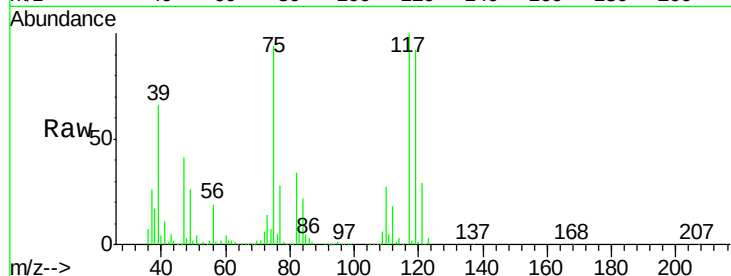
Tgt Ion: 117 Resp: 566114

Ion Ratio Lower Upper

117 100

119 92.1 75.3 112.9

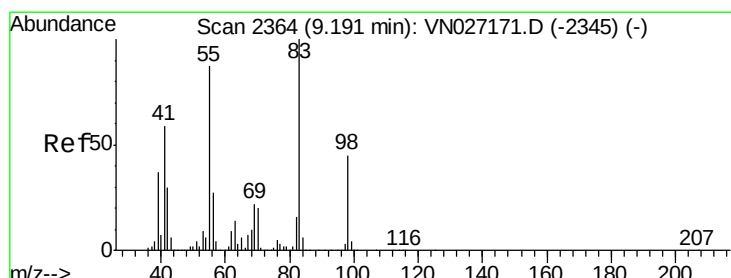
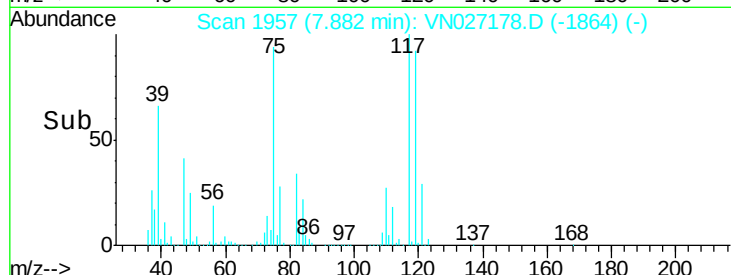
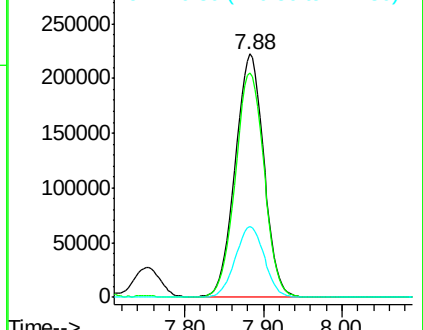
121 29.3 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Methylcyclohexane

Concen: 46.06 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

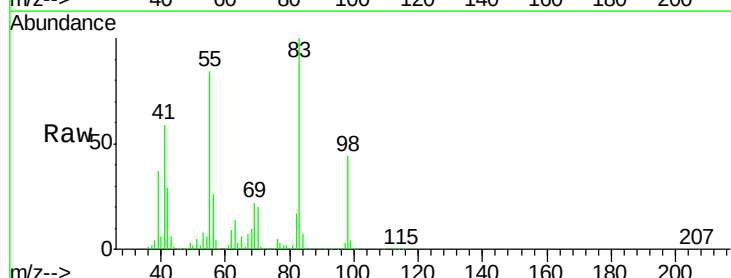
Tgt Ion: 83 Resp: 722973

Ion Ratio Lower Upper

83 100

55 84.0 69.8 104.8

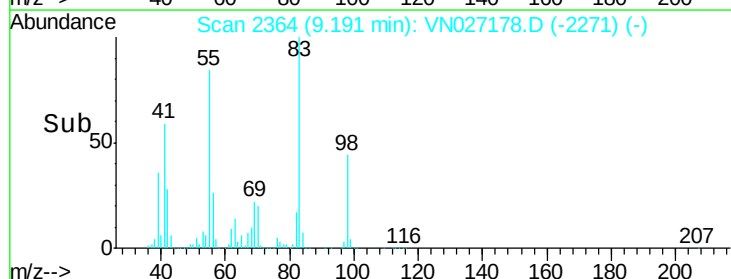
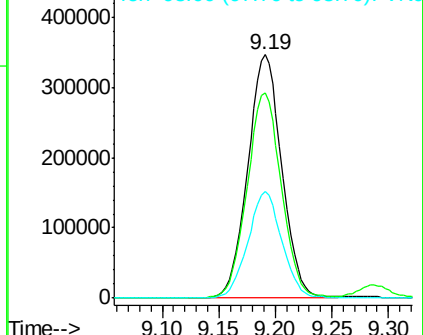
98 43.7 34.3 51.5

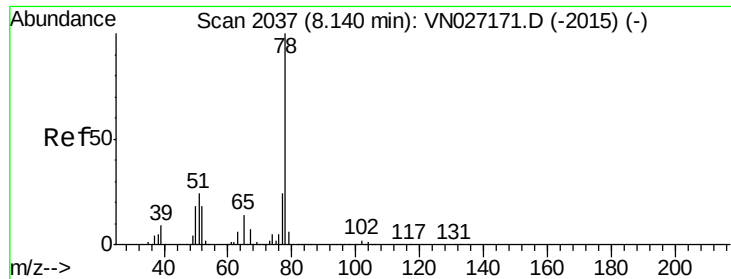


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Benzene

Concen: 46.26 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

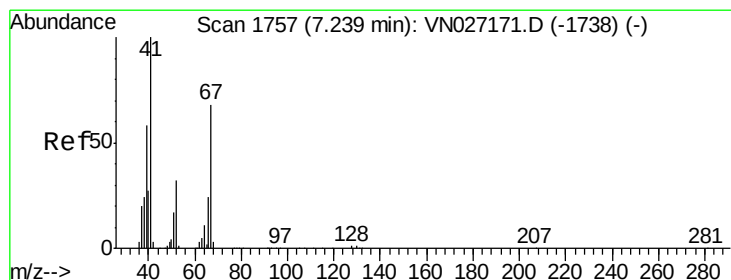
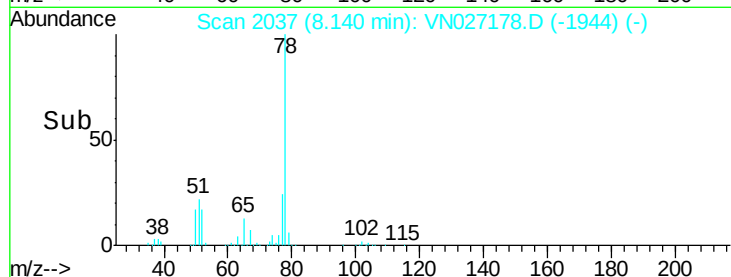
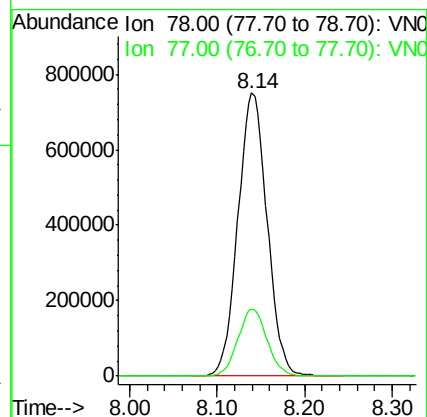
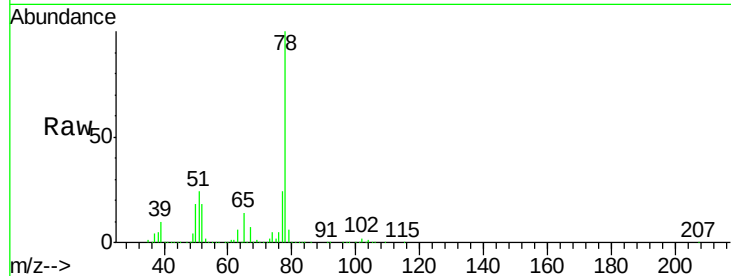
VSTDCCC050

Tgt Ion: 78 Resp: 1739655

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4



#42

Methacrylonitrile

Concen: 47.88 ug/l

RT: 7.24 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Tgt Ion: 41 Resp: 298316

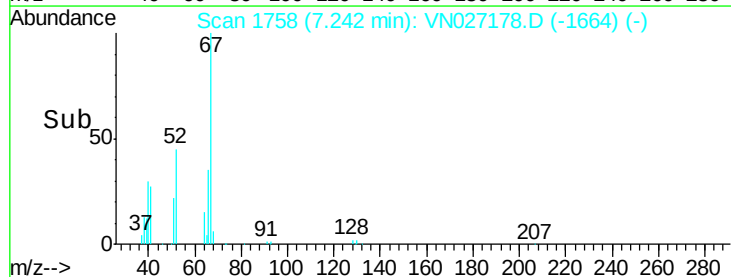
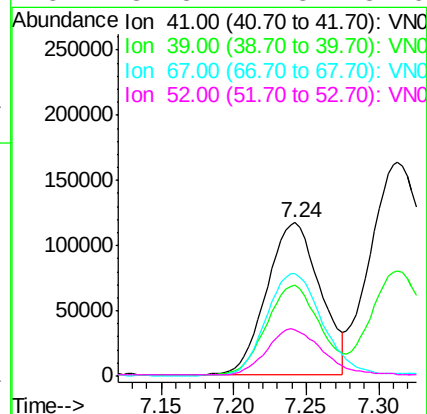
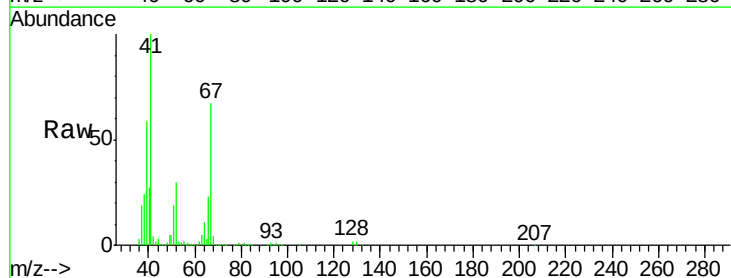
Ion Ratio Lower Upper

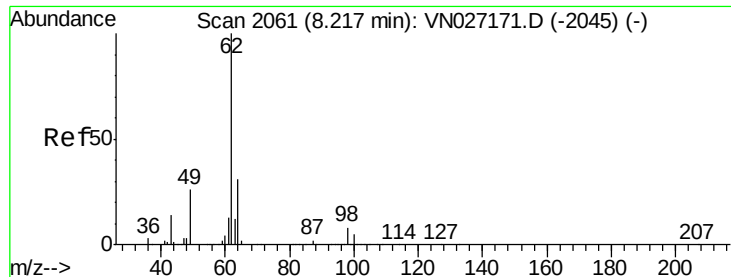
41 100

39 59.7 43.0 64.6

67 71.6 52.2 78.2

52 32.3 21.3 31.9#

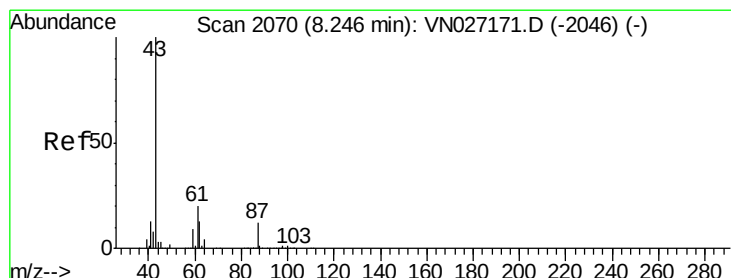
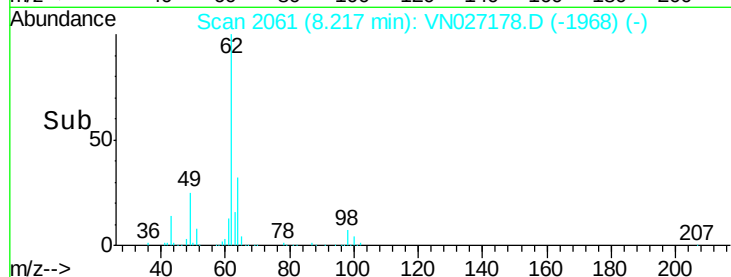
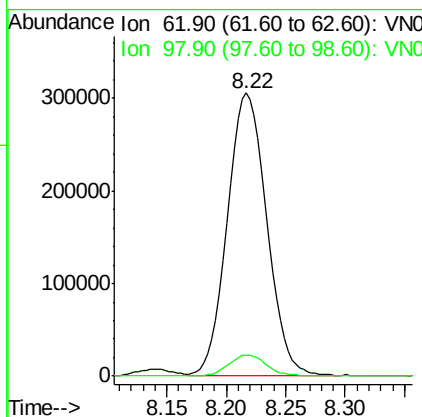
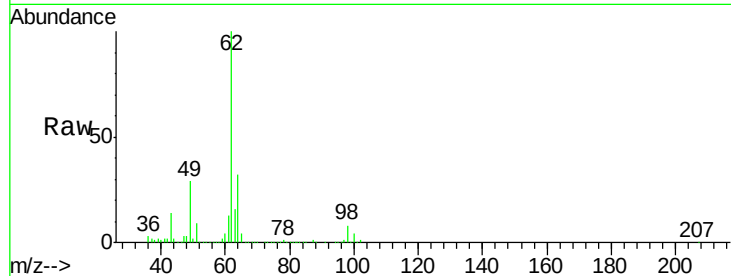




#43
 1,2-Dichloroethane
 Concen: 46.13 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

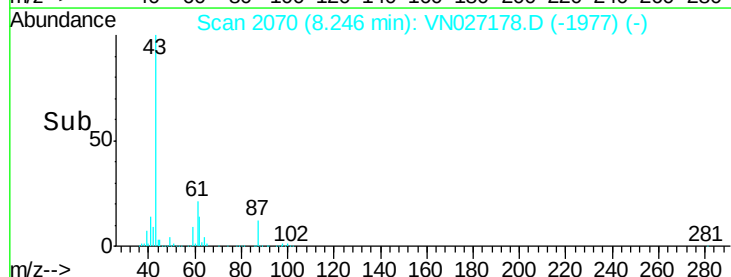
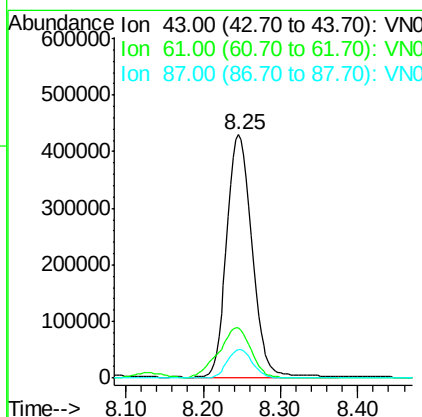
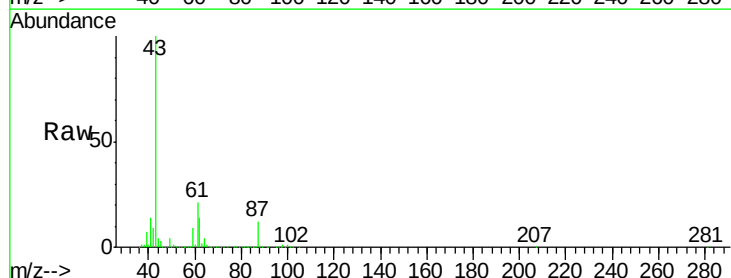
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

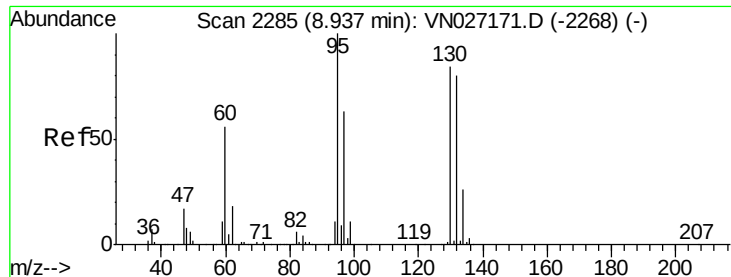
Tgt Ion: 62 Resp: 698944
 Ion Ratio Lower Upper
 62 100
 98 7.1 0.0 18.0



#44
 Isopropyl Acetate
 Concen: 47.06 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion: 43 Resp: 969306
 Ion Ratio Lower Upper
 43 100
 61 26.4 20.6 31.0
 87 11.9 8.6 13.0





#45

Trichloroethene

Concen: 46.43 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

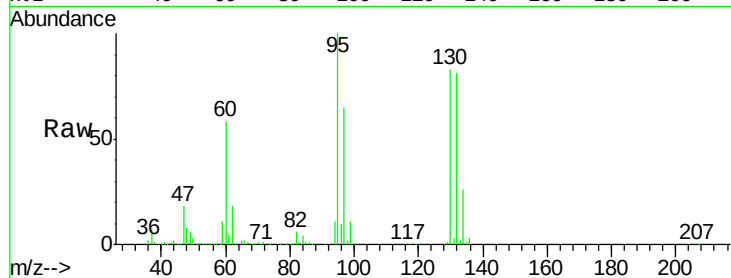
VSTDCCC050

Tgt Ion:130 Resp: 350706

Ion Ratio Lower Upper

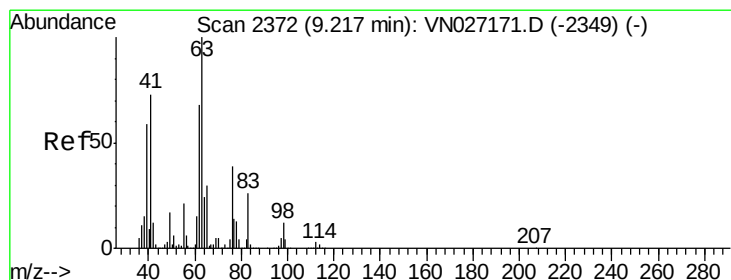
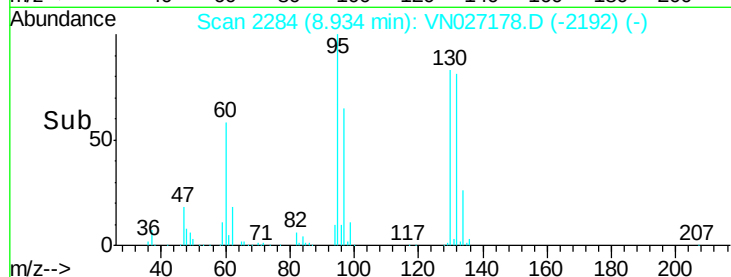
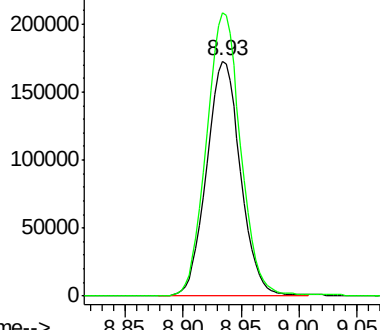
130 100

95 120.3 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: 45.91 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027178.D

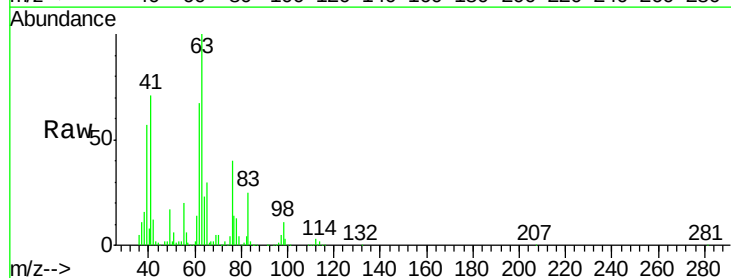
Acq: 15 Sep 2015 21:57

Tgt Ion: 63 Resp: 496795

Ion Ratio Lower Upper

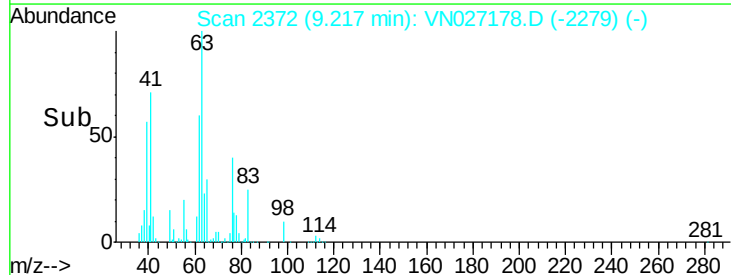
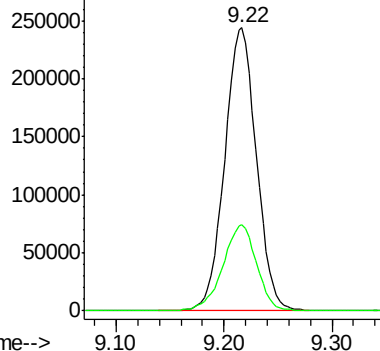
63 100

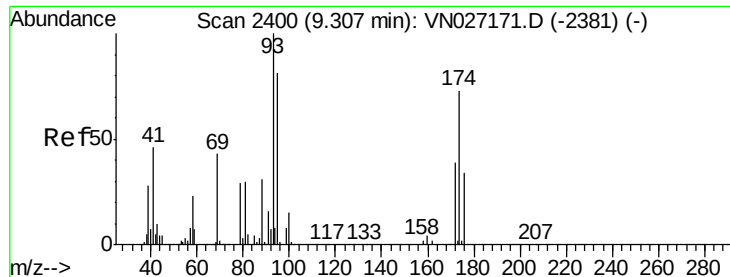
65 30.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#47

Dibromomethane

Concen: 45.06 ug/l

RT: 9.31 min Scan# 2400

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

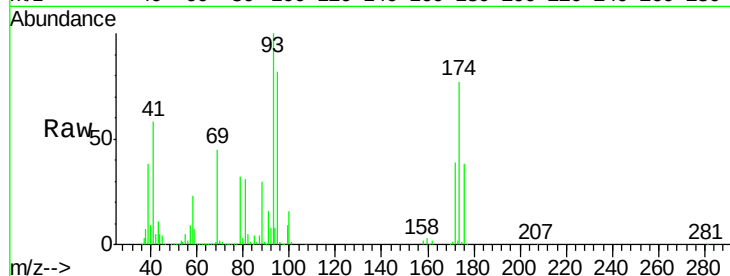
Tgt Ion: 93 Resp: 286280

Ion Ratio Lower Upper

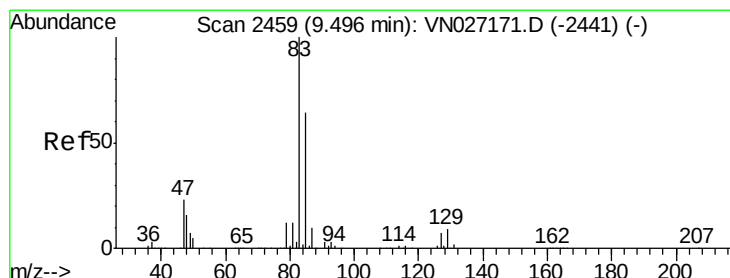
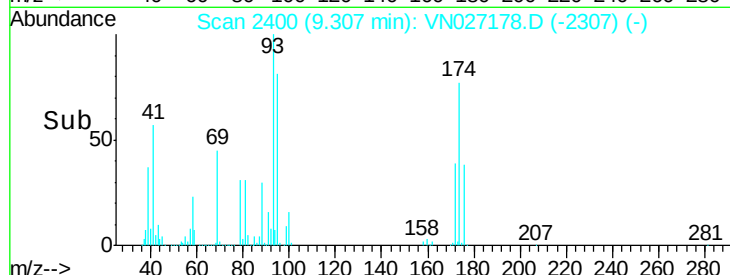
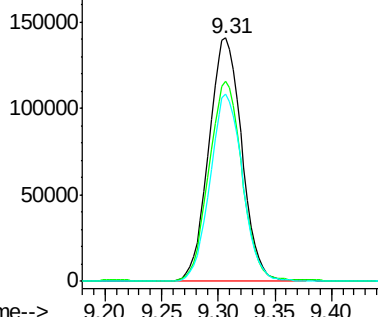
93 100

95 82.0 66.3 99.5

174 75.9 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V



#48

Bromodichloromethane

Concen: 46.55 ug/l

RT: 9.49 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

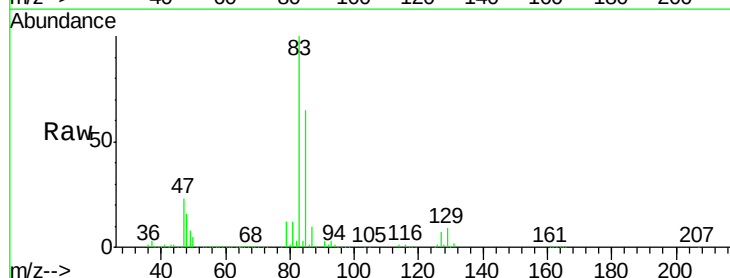
Tgt Ion: 83 Resp: 623214

Ion Ratio Lower Upper

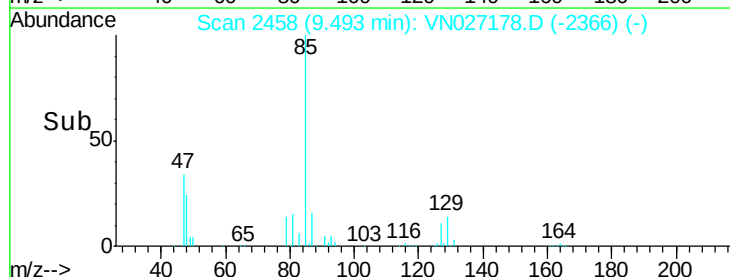
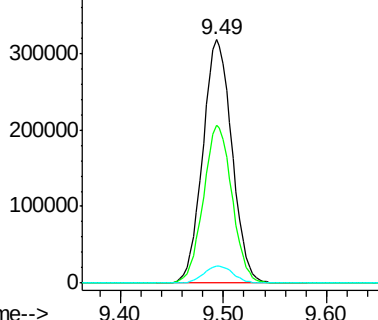
83 100

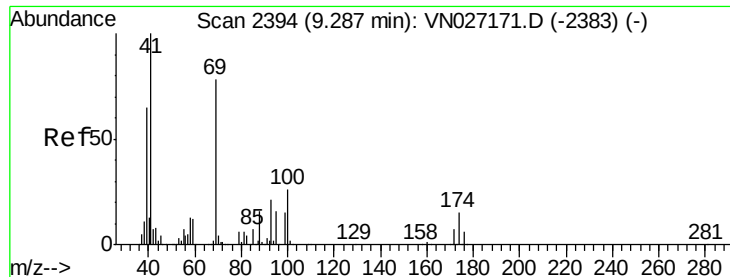
85 64.8 50.7 76.1

127 6.9 5.5 8.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

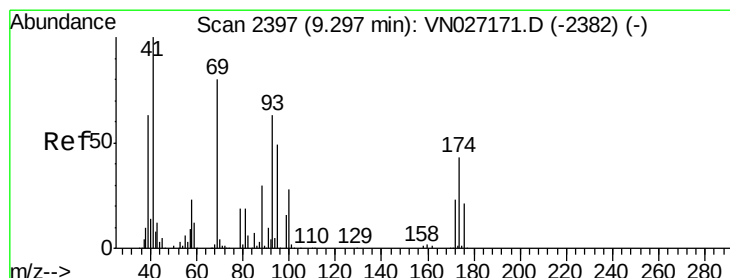
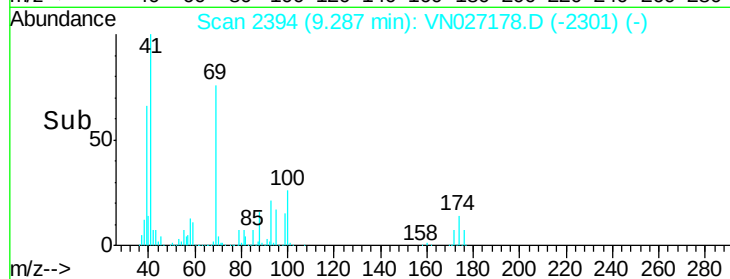
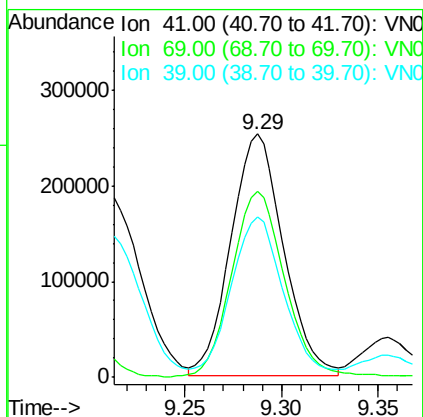
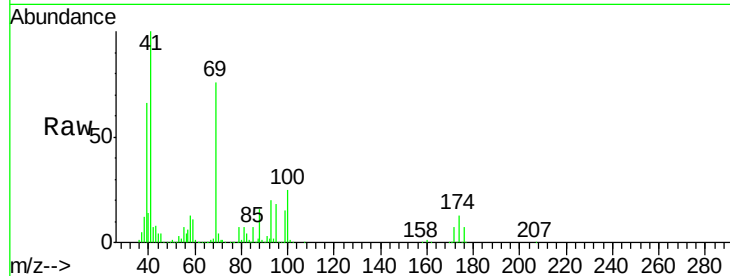




#49
Methyl methacrylate
Concen: 46.65 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

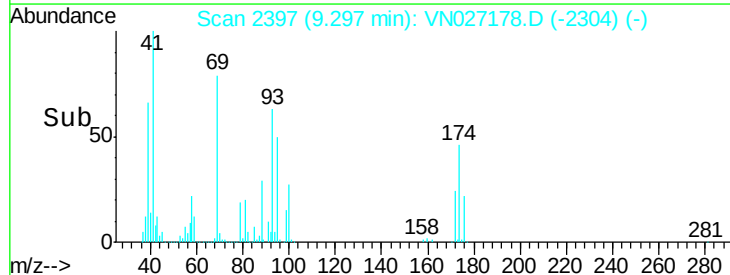
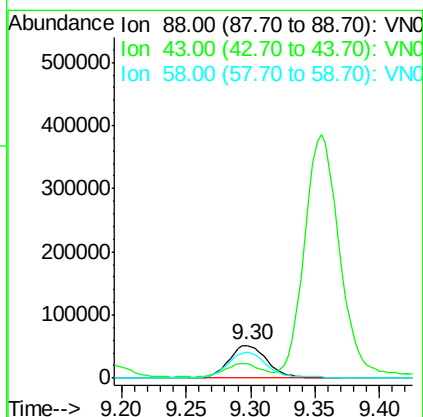
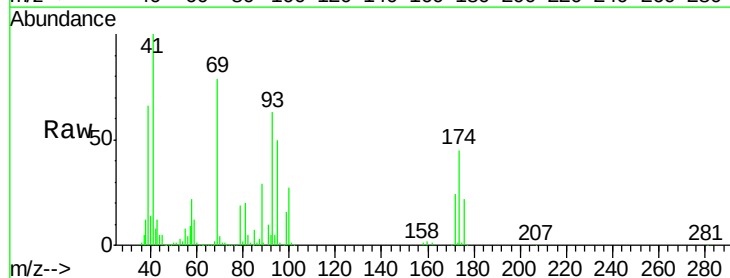
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

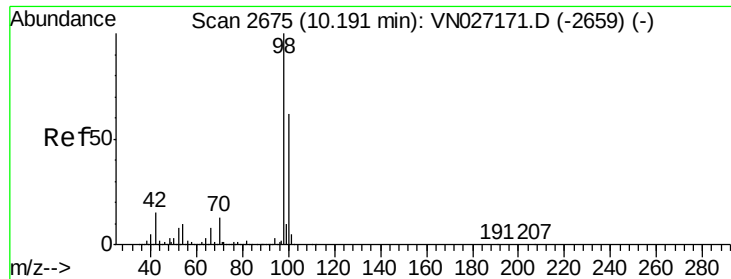
Tgt Ion: 41 Resp: 478689
Ion Ratio Lower Upper
41 100
69 77.6 59.3 88.9
39 65.9 39.5 59.3#



#50
1,4-Dioxane
Concen: 891.34 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

Tgt Ion: 88 Resp: 107281
Ion Ratio Lower Upper
88 100
43 38.4 27.6 41.4
58 79.8 63.1 94.7





#51

Toluene-d8

Concen: 48.38 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

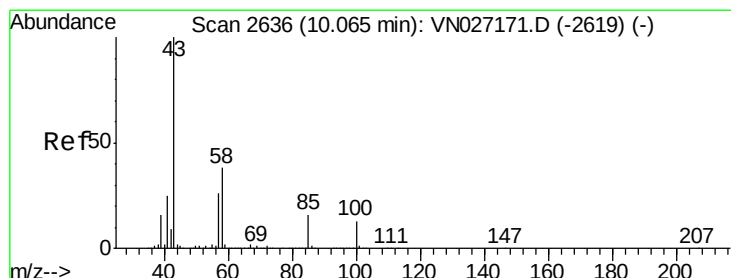
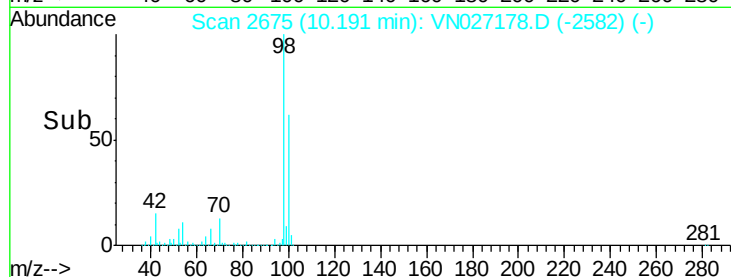
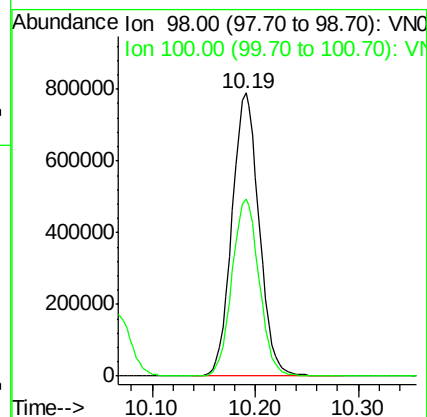
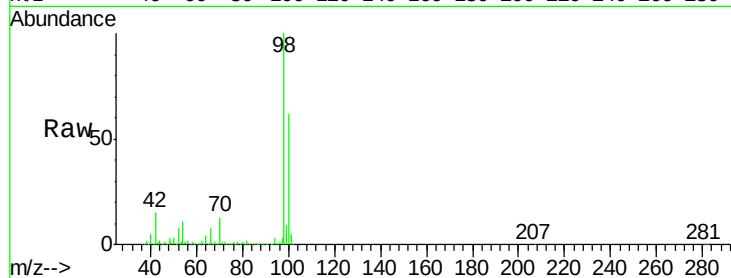
VSTDCCC050

Tgt Ion: 98 Resp: 1445829

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



#52

4-Methyl-2-Pentanone

Concen: 228.75 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027178.D

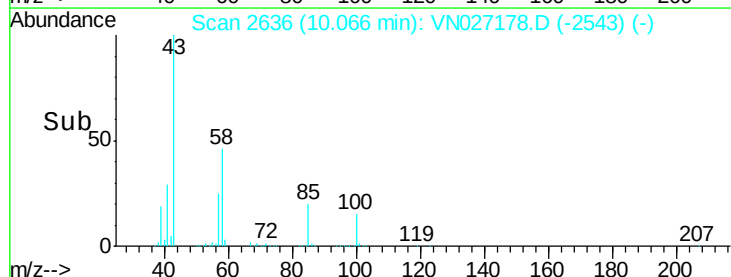
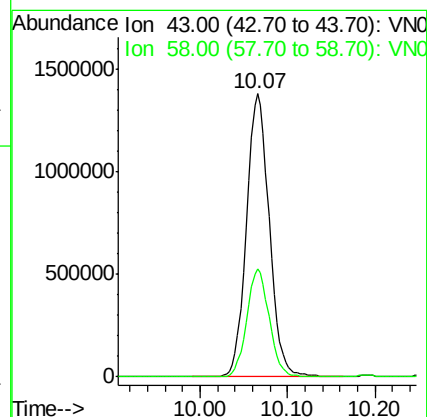
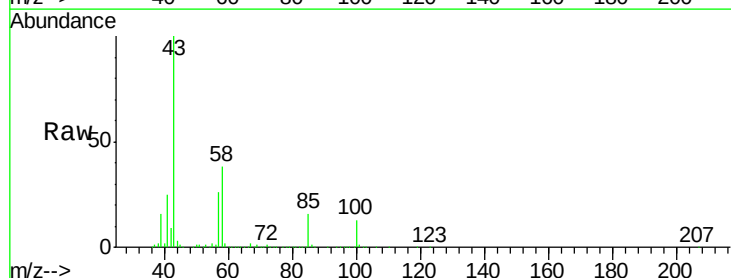
Acq: 15 Sep 2015 21:57

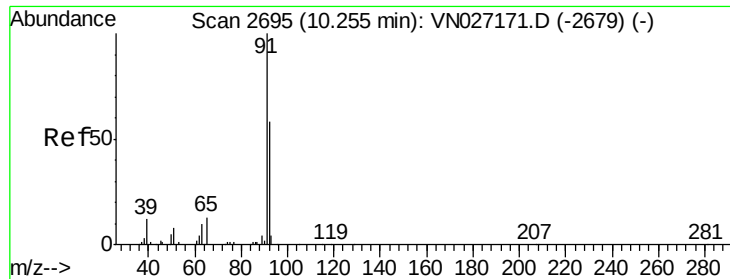
Tgt Ion: 43 Resp: 2491207

Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.8





#53

Toluene

Concen: 46.18 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

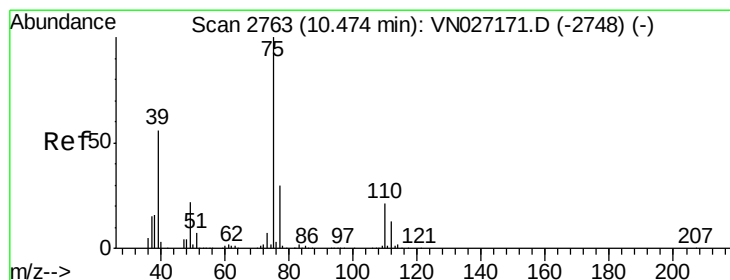
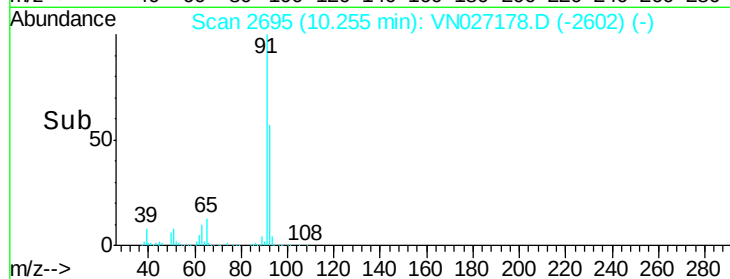
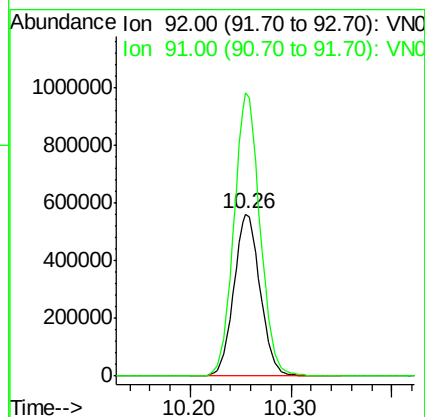
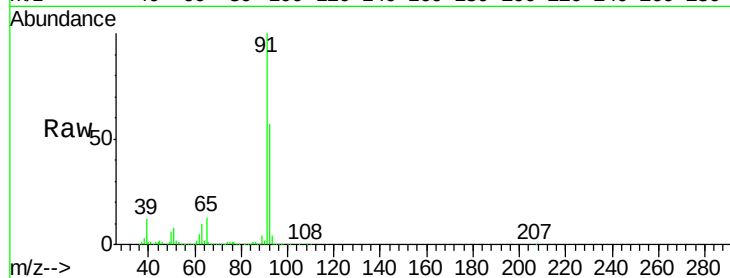
VSTDCCC050

Tgt Ion: 92 Resp: 1017390

Ion Ratio Lower Upper

92 100

91 173.4 141.4 212.2



#54

t-1,3-Dichloropropene

Concen: 46.17 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027178.D

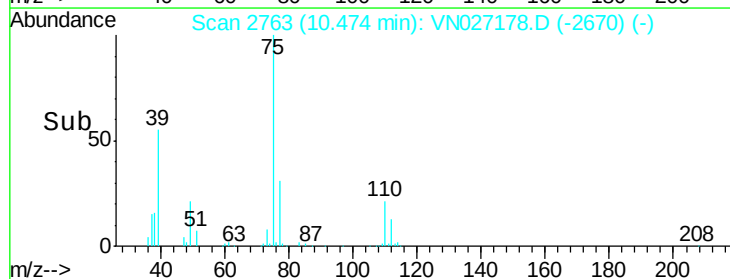
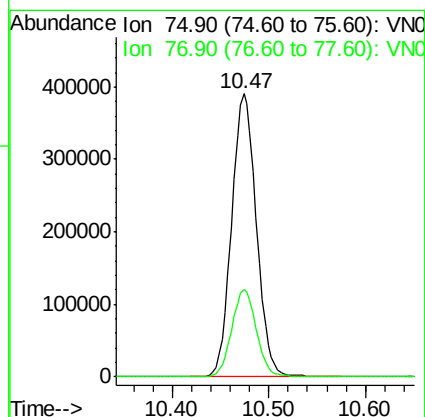
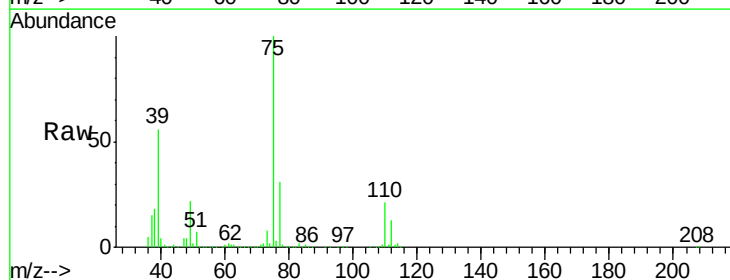
Acq: 15 Sep 2015 21:57

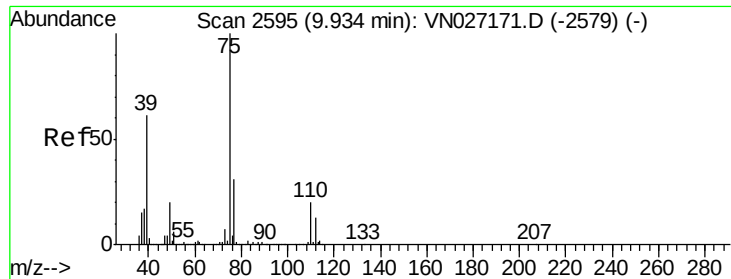
Tgt Ion: 75 Resp: 694215

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 45.45 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

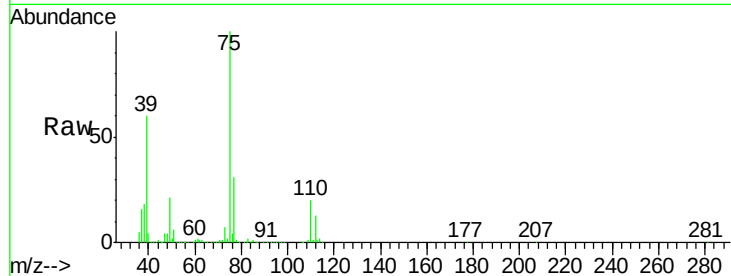
Tgt Ion: 75 Resp: 743458

Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

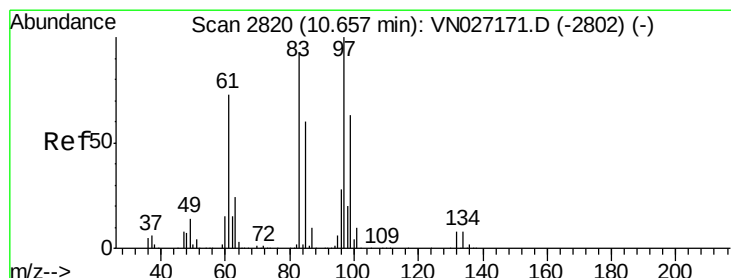
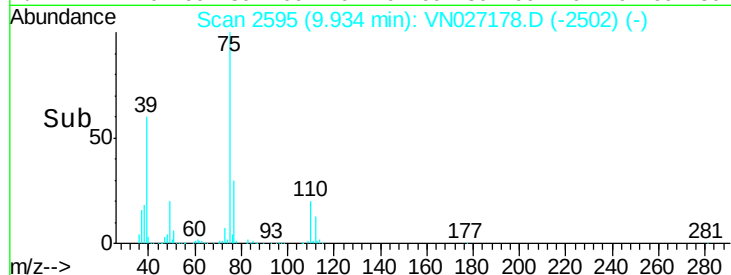
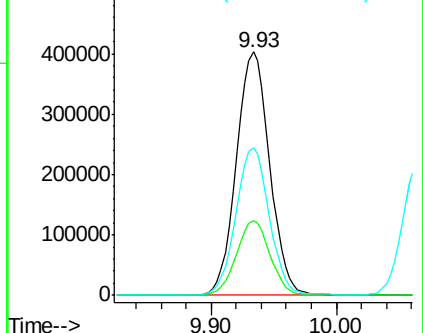
39 60.2 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VN027178.D (-2502) (-)

Ion 76.90 (76.60 to 77.60): VN027178.D (-2502) (-)

Ion 39.00 (38.70 to 39.70): VN027178.D (-2502) (-)



#56

1,1,2-Trichloroethane

Concen: 46.64 ug/l

RT: 10.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Tgt Ion: 97 Resp: 386108

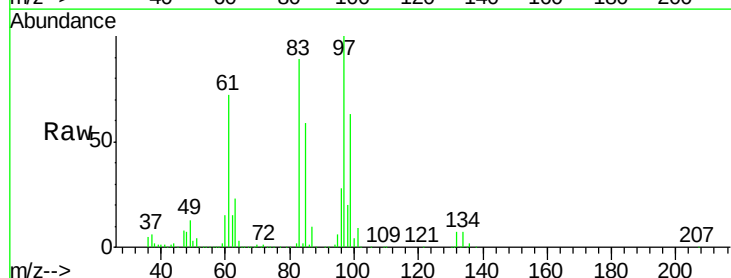
Ion Ratio Lower Upper

97 100

83 89.2 75.0 112.4

85 58.7 48.0 72.0

99 62.9 50.3 75.5

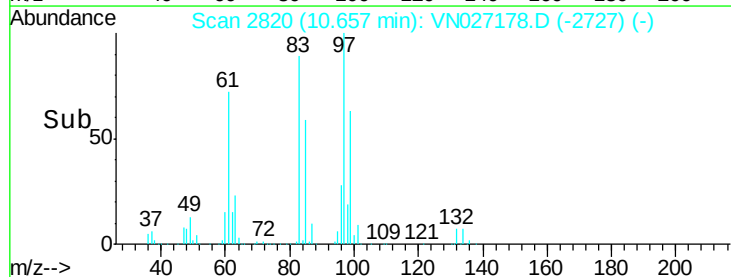
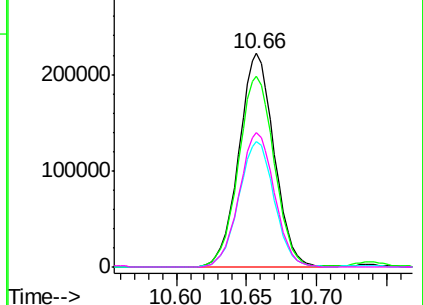


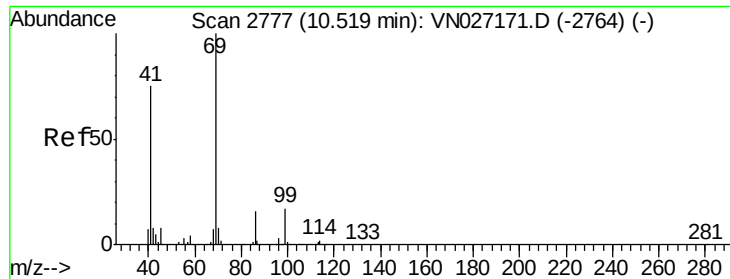
Abundance Ion 96.90 (96.60 to 97.60): VN027178.D (-2727) (-)

Ion 82.90 (82.60 to 83.60): VN027178.D (-2727) (-)

Ion 84.90 (84.60 to 85.60): VN027178.D (-2727) (-)

Ion 98.90 (98.60 to 99.60): VN027178.D (-2727) (-)





#57

Ethyl methacrylate

Concen: 46.83 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

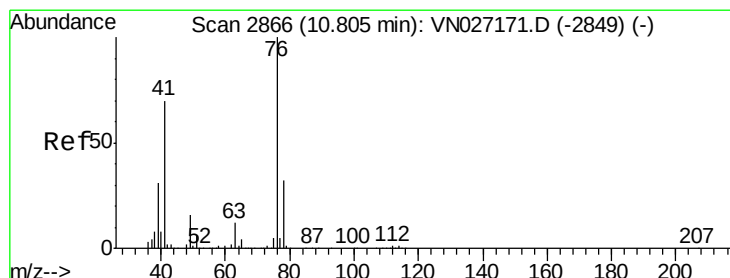
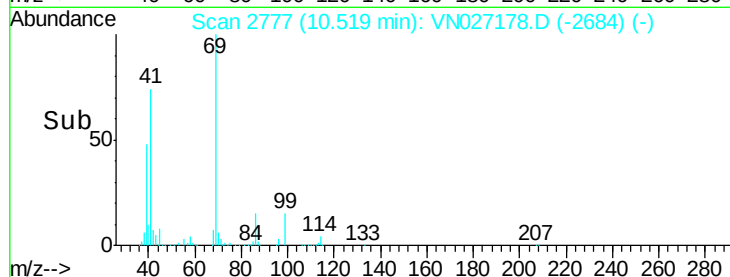
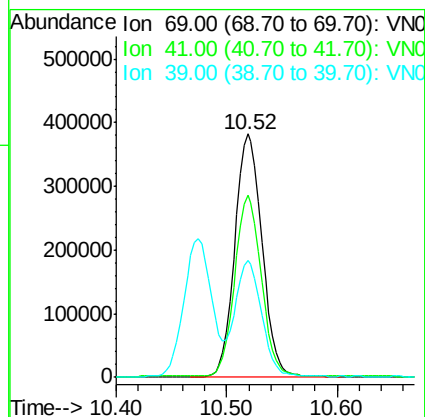
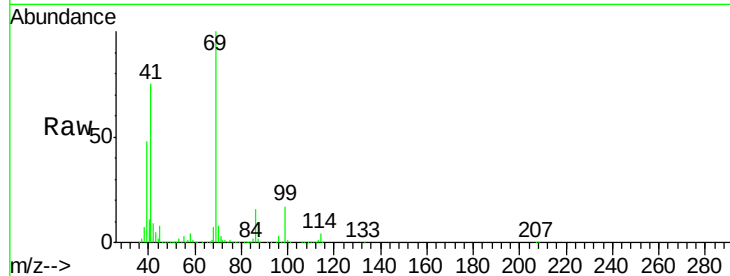
Tgt Ion: 69 Resp: 653360

Ion Ratio Lower Upper

69 100

41 72.5 61.3 91.9

39 47.2 28.4 42.6#



#58

1,3-Dichloropropane

Concen: 46.66 ug/l

RT: 10.81 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VN027178.D

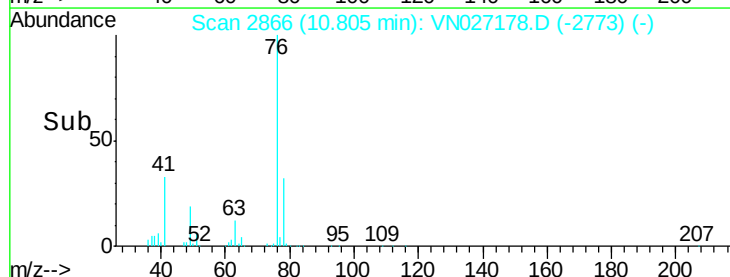
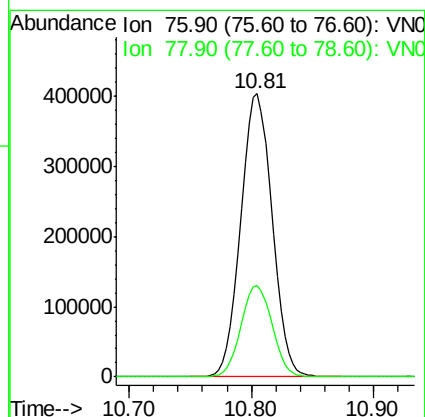
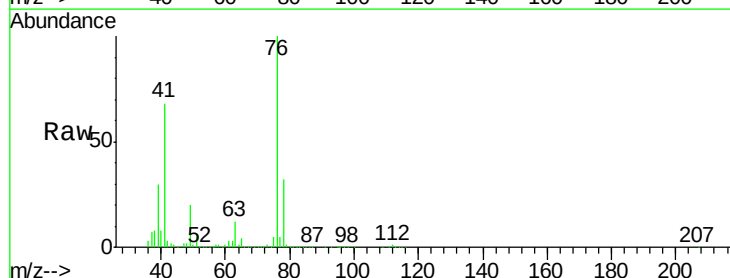
Acq: 15 Sep 2015 21:57

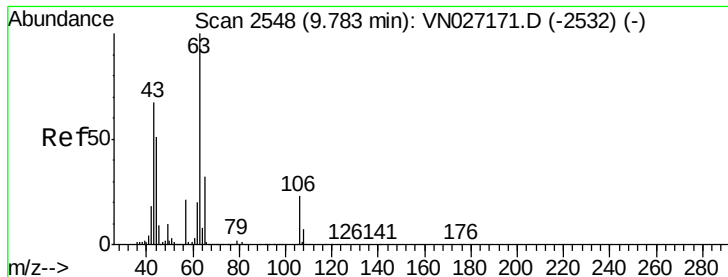
Tgt Ion: 76 Resp: 717112

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6

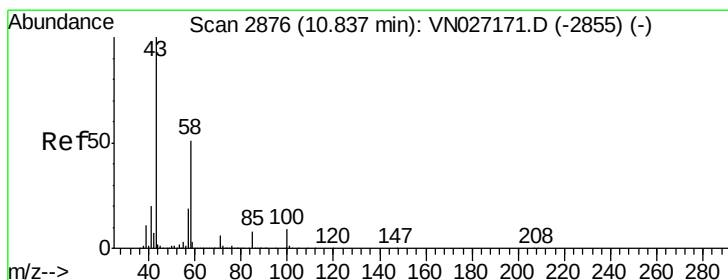
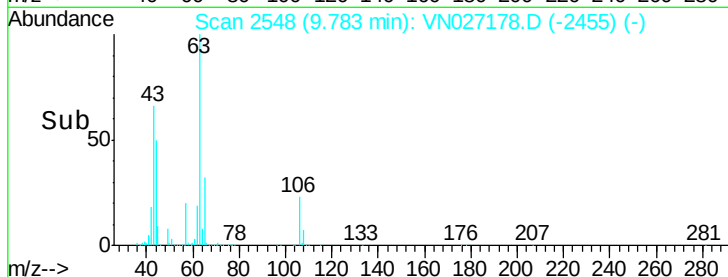
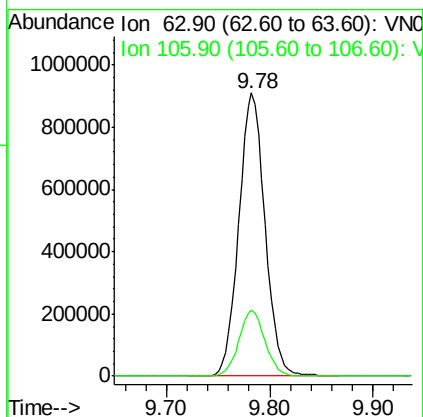
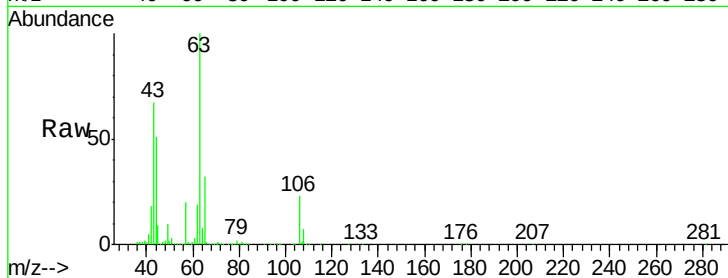




#59
 2-Chloroethyl Vinyl ether
 Concen: 250.82 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

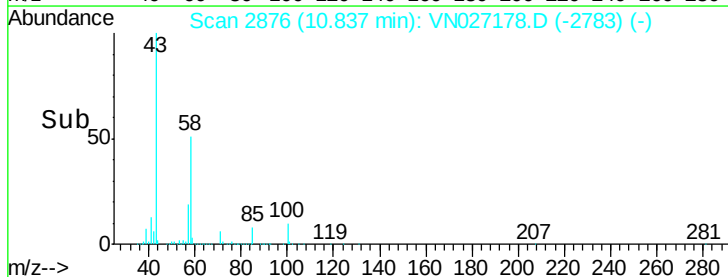
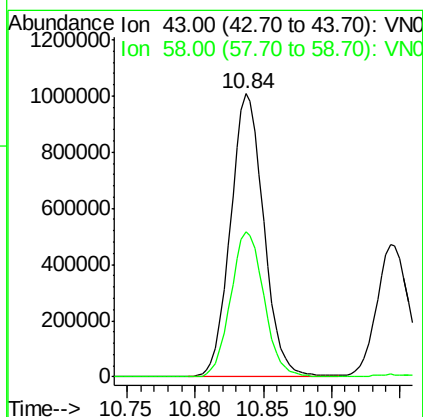
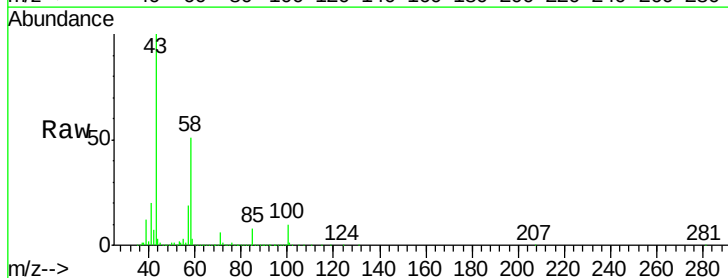
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

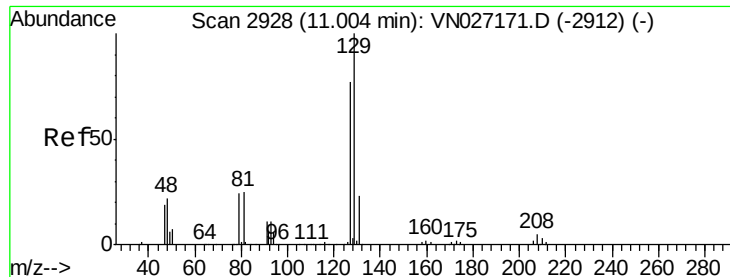
Tgt Ion: 63 Resp: 1606763
 Ion Ratio Lower Upper
 63 100
 106 23.2 17.7 26.5



#60
 2-Hexanone
 Concen: 228.79 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion: 43 Resp: 1696428
 Ion Ratio Lower Upper
 43 100
 58 51.8 26.2 78.5





#61

Dibromochloromethane

Concen: 46.54 ug/l

RT: 11.00 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

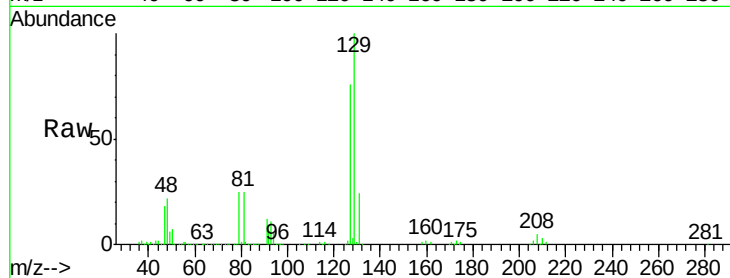
VSTDCCC050

Tgt Ion:129 Resp: 393491

Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.00

250000

200000

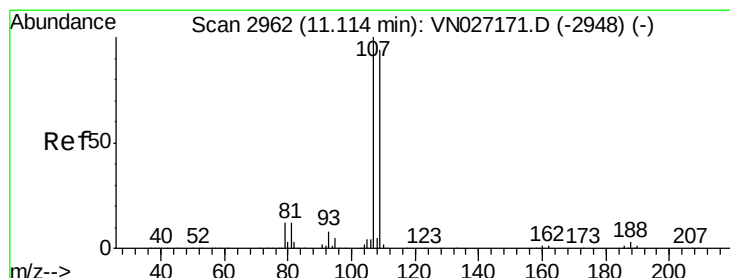
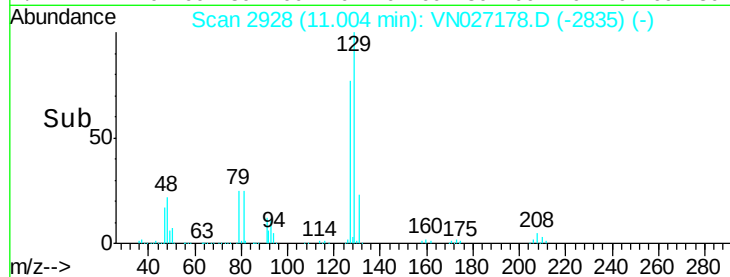
150000

100000

50000

0

Time-->



#62

1,2-Dibromoethane

Concen: 46.44 ug/l

RT: 11.11 min Scan# 2962

Delta R.T. 0.00 min

Lab File: VN027178.D

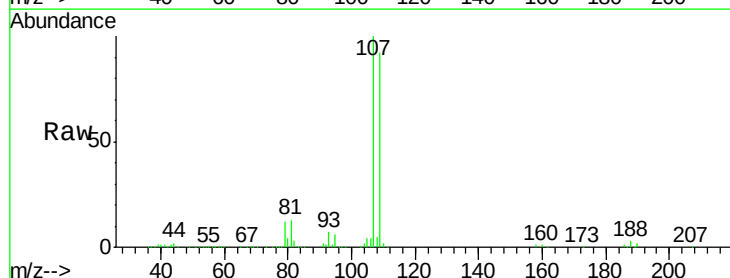
Acq: 15 Sep 2015 21:57

Tgt Ion:107 Resp: 377848

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.11

250000

200000

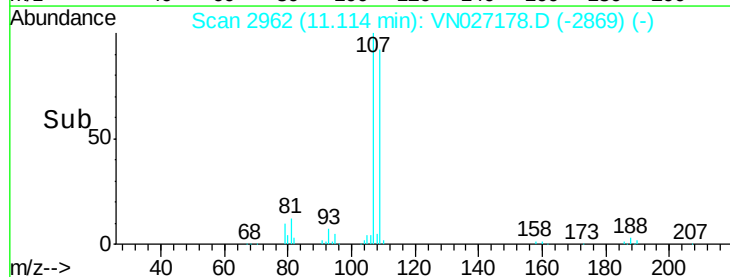
150000

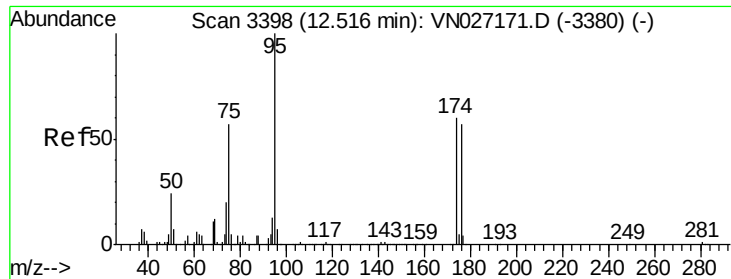
100000

50000

0

Time-->

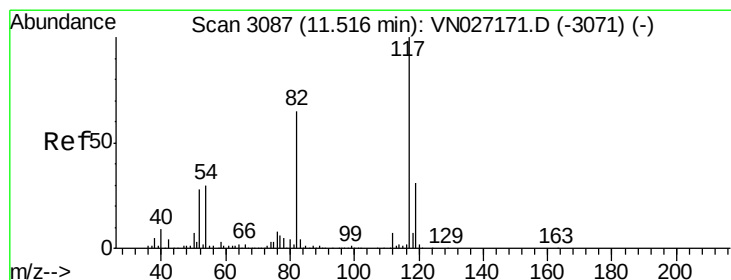
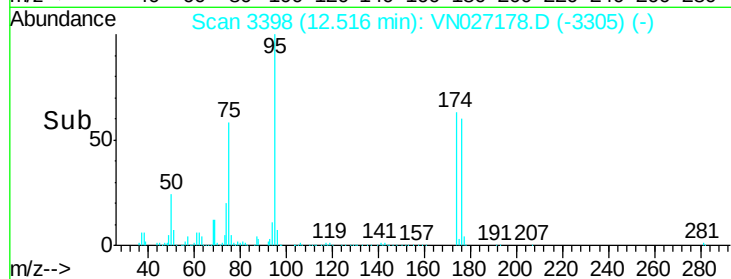
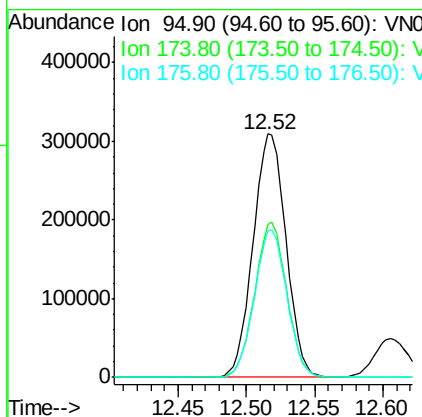
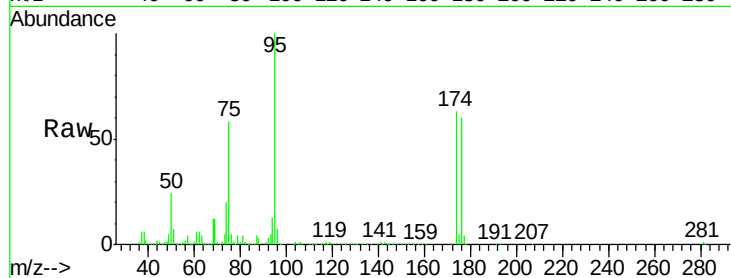




#63
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

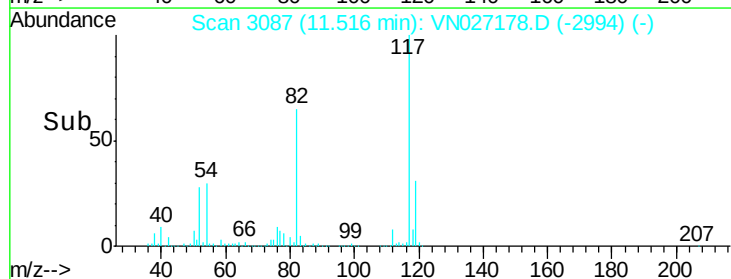
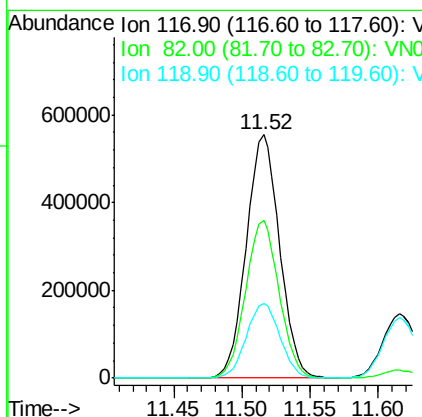
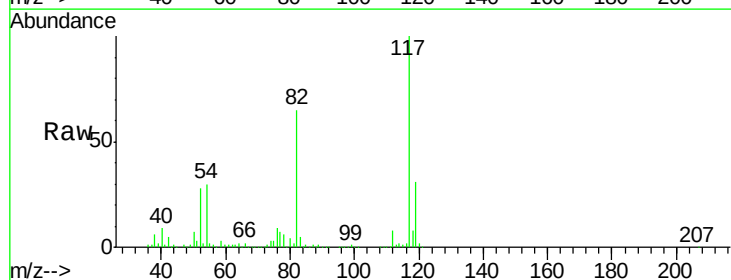
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

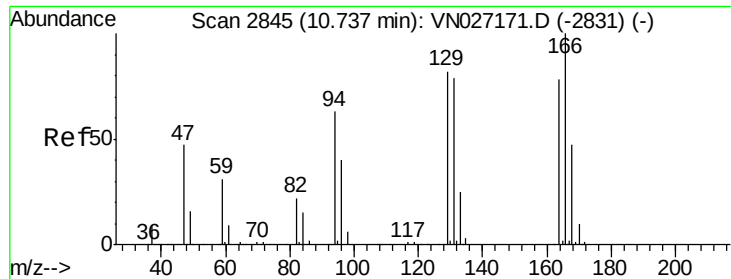
Tgt Ion: 95 Resp: 518959
Ion Ratio Lower Upper
95 100
174 61.8 0.0 137.0
176 59.6 0.0 130.8



#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027178.D
Acq: 15 Sep 2015 21:57

Tgt Ion: 117 Resp: 940766
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 30.8 24.6 36.8





#65

Tetrachloroethene

Concen: 45.86 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:164 Resp: 275910

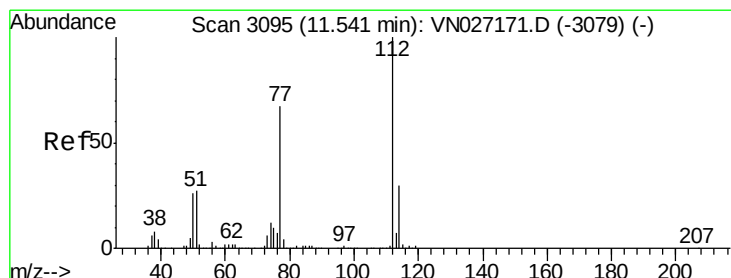
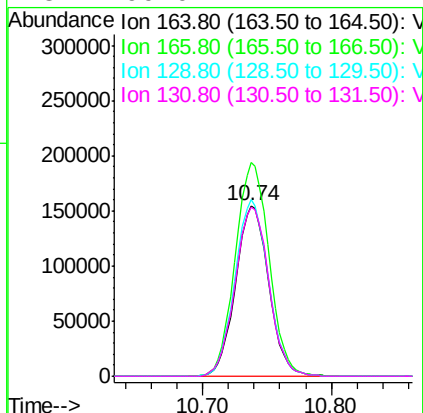
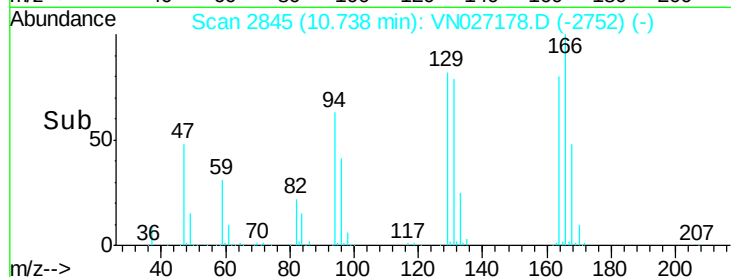
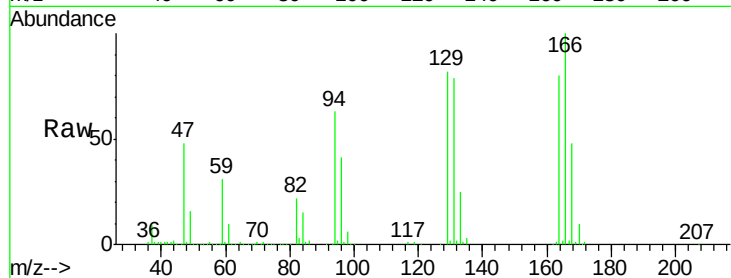
Ion Ratio Lower Upper

164 100

166 125.1 103.4 155.0

129 103.1 77.5 116.3

131 99.0 74.2 111.4



#66

Chlorobenzene

Concen: 45.70 ug/l

RT: 11.54 min Scan# 3095

Delta R.T. 0.00 min

Lab File: VN027178.D

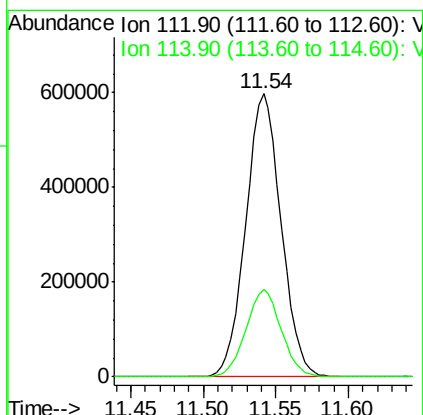
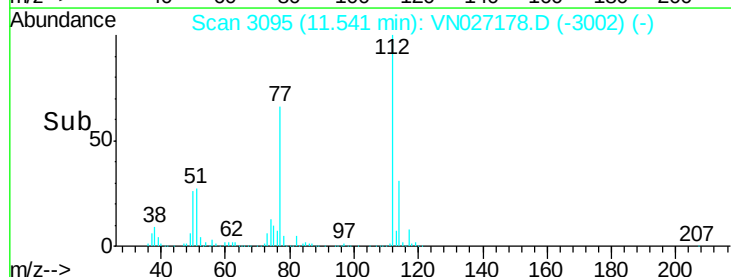
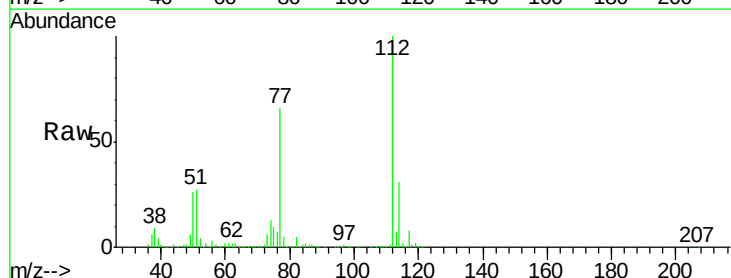
Acq: 15 Sep 2015 21:57

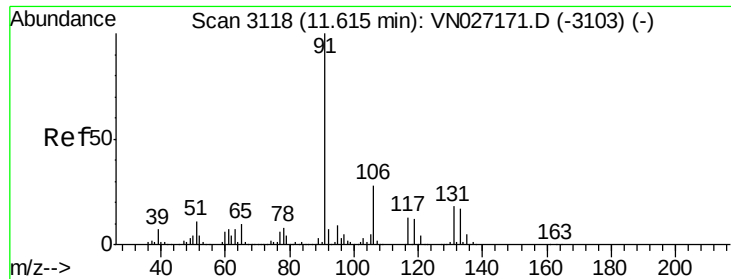
Tgt Ion:112 Resp: 1015024

Ion Ratio Lower Upper

112 100

114 30.8 24.9 37.3





#67

1,1,1,2-Tetrachloroethane

Concen: 46.44 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

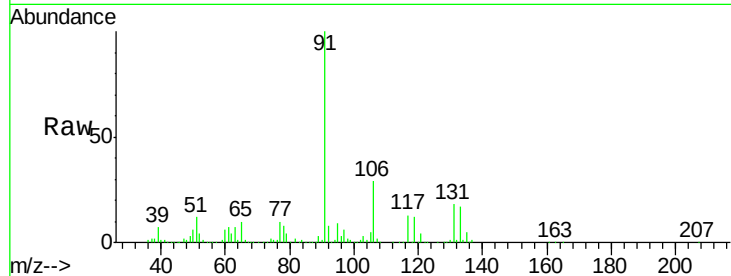
Tgt Ion:131 Resp: 351820

Ion Ratio Lower Upper

131 100

133 95.0 47.0 141.2

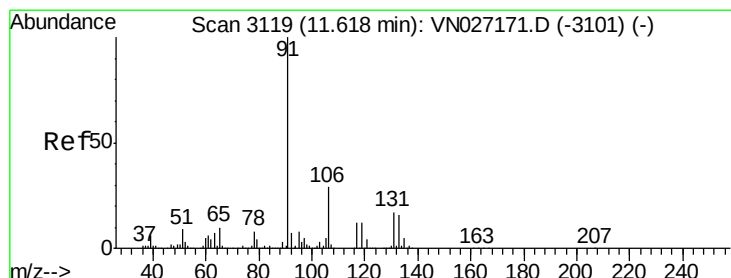
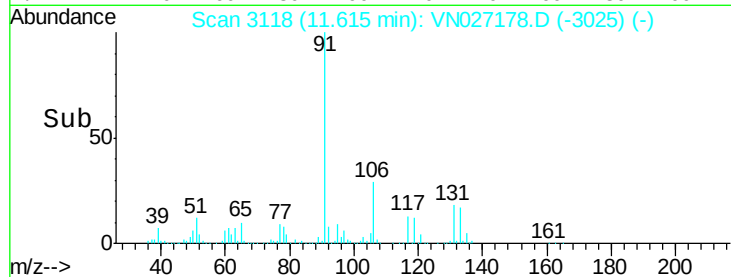
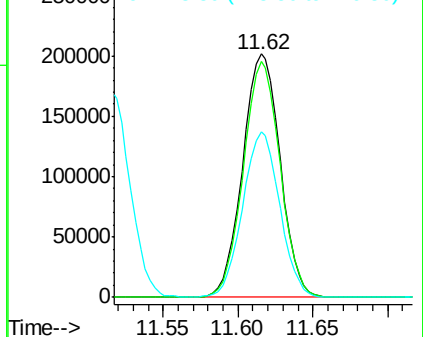
119 67.2 35.1 105.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#68

Ethyl Benzene

Concen: 45.67 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027178.D

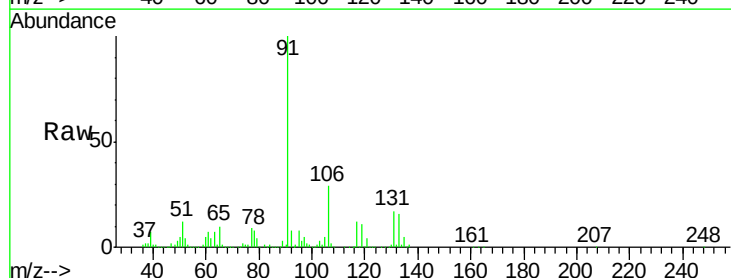
Acq: 15 Sep 2015 21:57

Tgt Ion: 91 Resp: 1923482

Ion Ratio Lower Upper

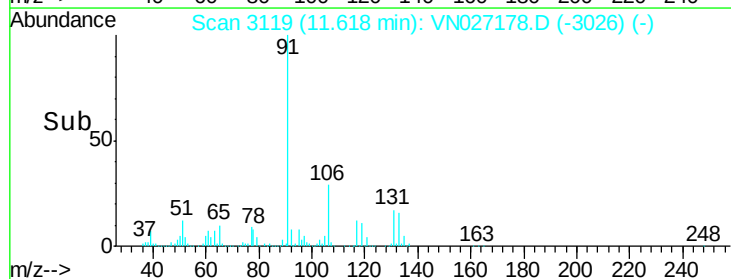
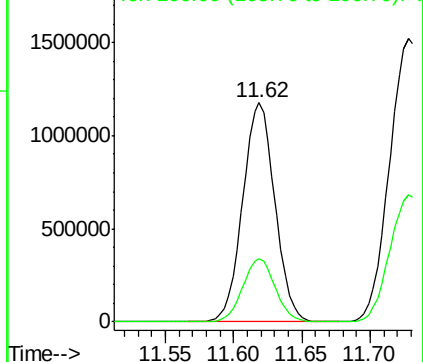
91 100

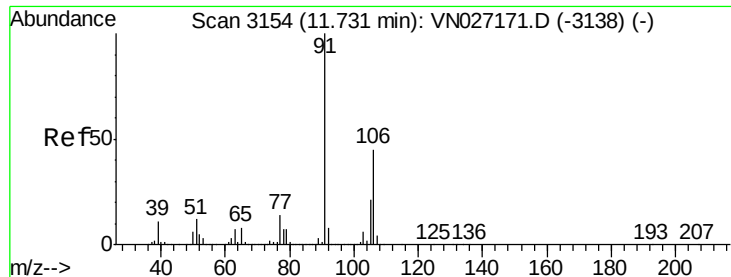
106 28.9 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#69

m/p-Xylenes

Concen: 92.10 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

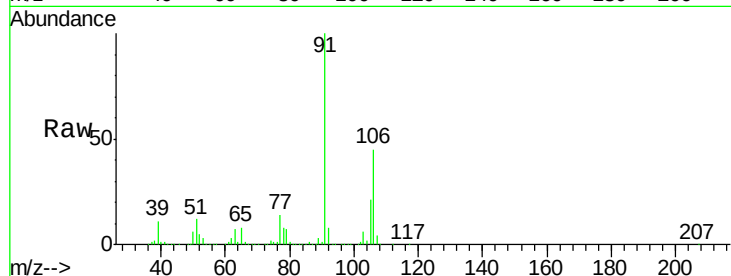
VSTDCCC050

Tgt Ion:106 Resp: 1338314

Ion Ratio Lower Upper

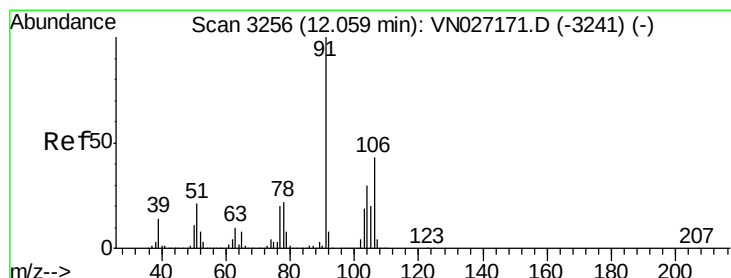
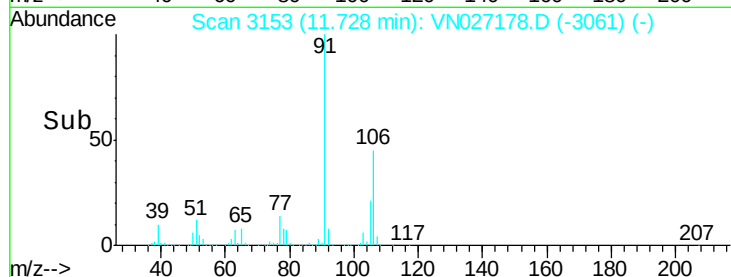
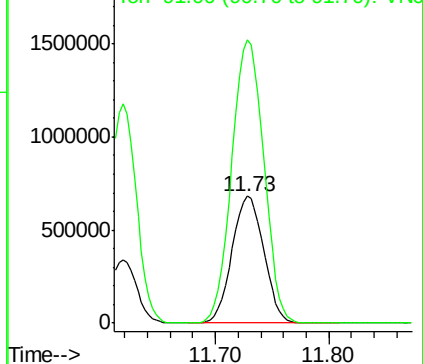
106 100

91 224.3 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

o-Xylene

Concen: 46.38 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027178.D

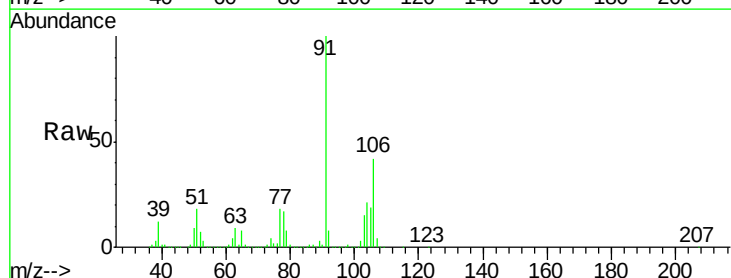
Acq: 15 Sep 2015 21:57

Tgt Ion:106 Resp: 675623

Ion Ratio Lower Upper

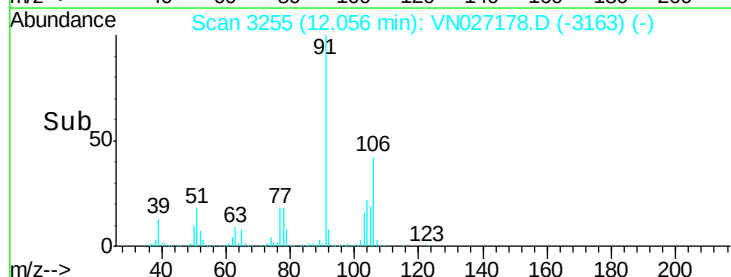
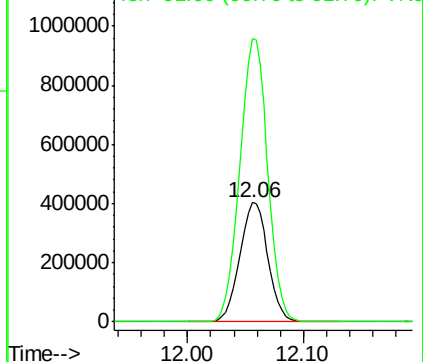
106 100

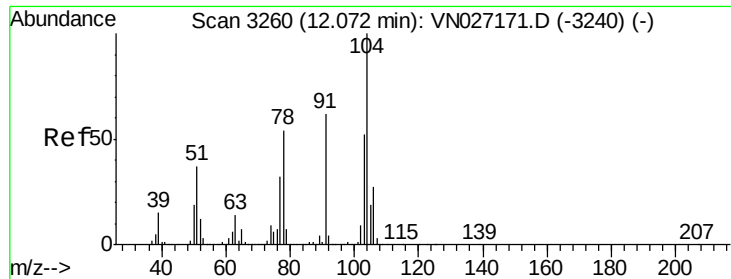
91 234.4 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Styrene

Concen: 47.45 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

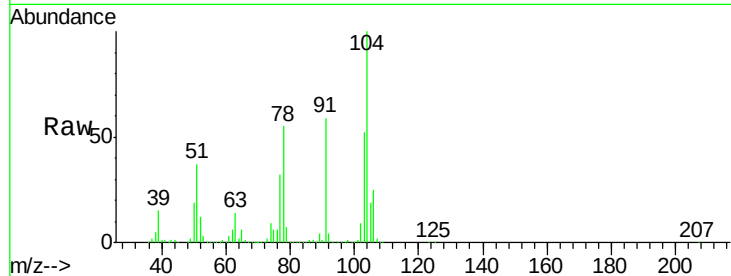
Tgt Ion:104 Resp: 1115756

Ion Ratio Lower Upper

104 100

78 59.2 41.6 62.4

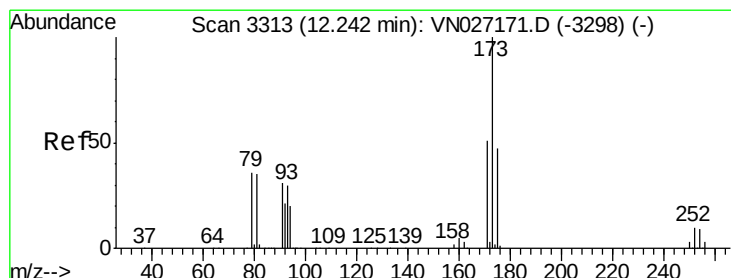
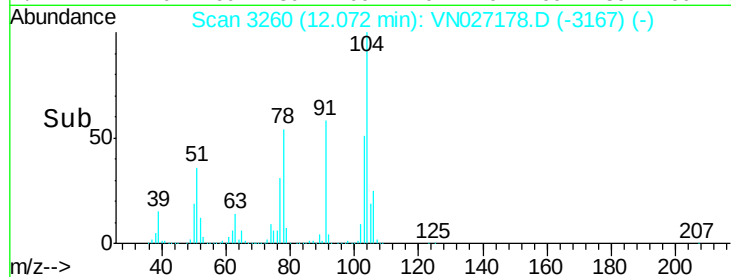
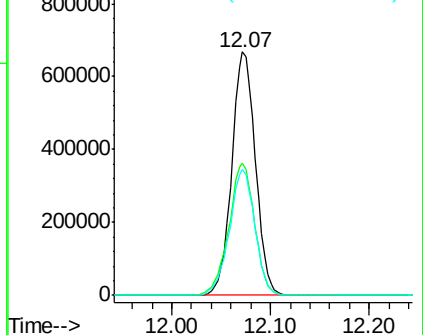
103 55.5 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

Bromoform

Concen: 46.53 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

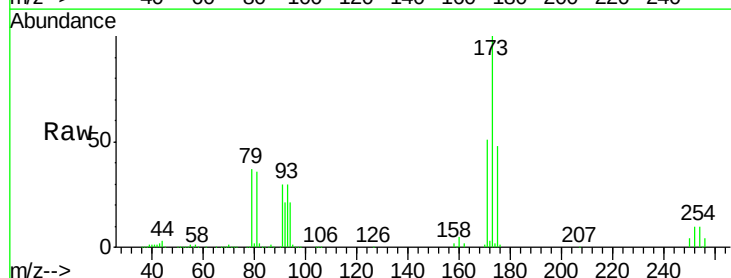
Tgt Ion:173 Resp: 245168

Ion Ratio Lower Upper

173 100

175 47.4 24.4 73.4

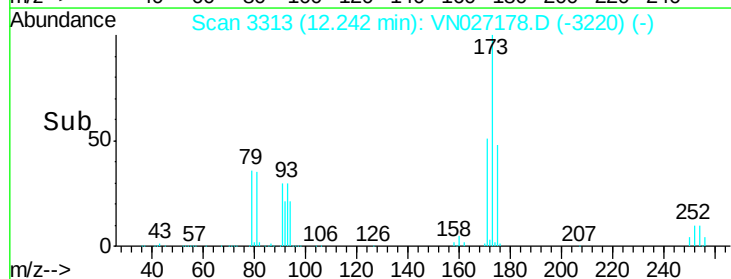
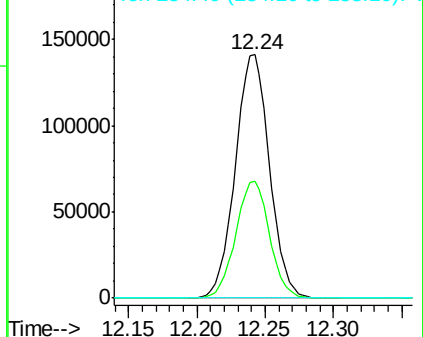
254 0.1 0.1 0.1#

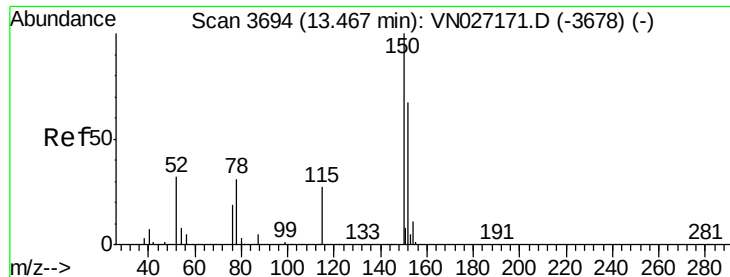


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

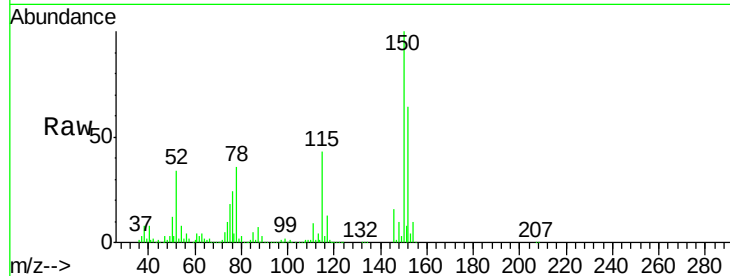
Tgt Ion:152 Resp: 369354

Ion Ratio Lower Upper

152 100

115 67.1 30.8 92.3

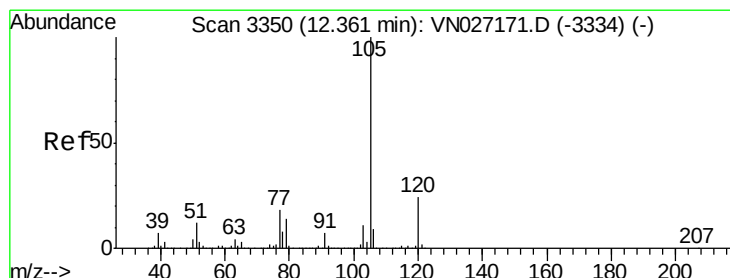
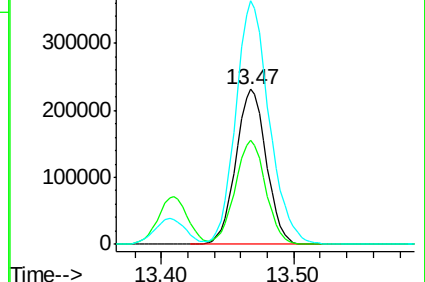
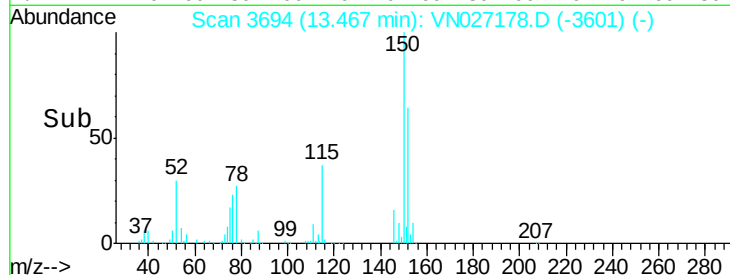
150 171.9 0.0 345.0



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: 44.38 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027178.D

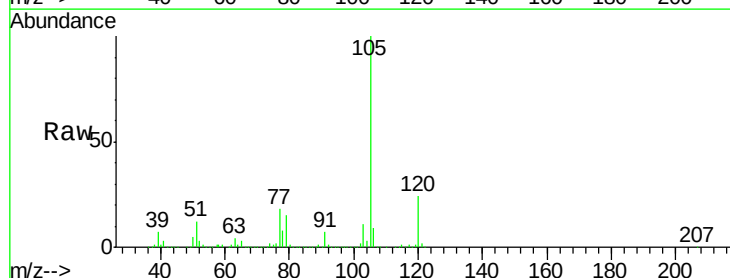
Acq: 15 Sep 2015 21:57

Tgt Ion:105 Resp: 1806118

Ion Ratio Lower Upper

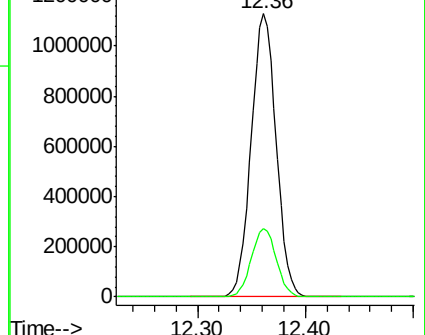
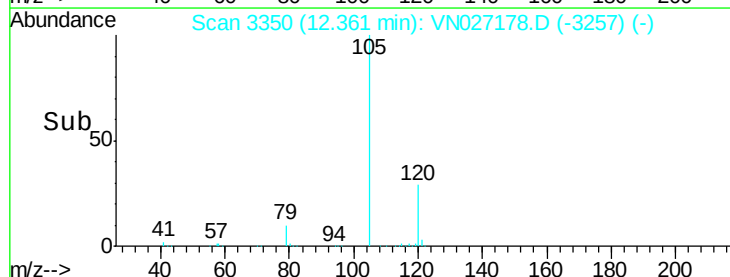
105 100

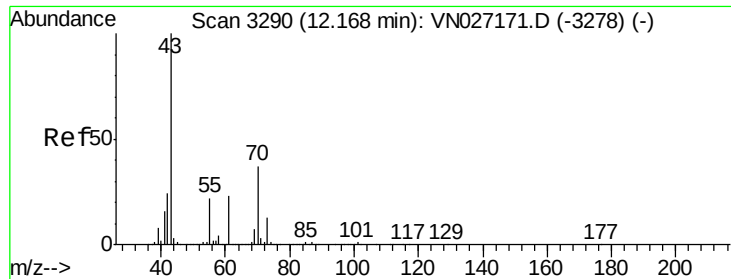
120 24.3 12.4 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

N-amyI acetate

Concen: 45.54 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 827223

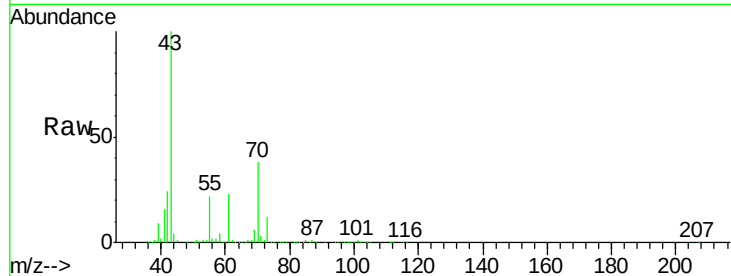
Ion Ratio Lower Upper

43 100

70 37.1 29.8 44.8

55 22.0 19.4 29.0

61 22.5 18.2 27.2

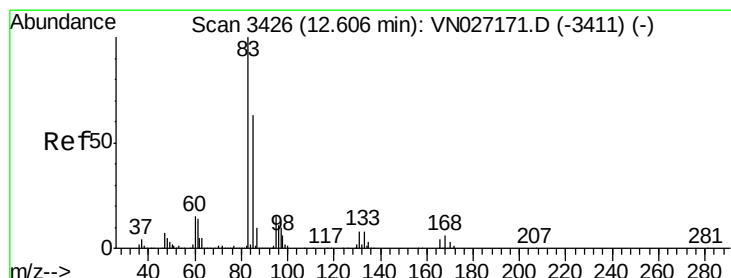
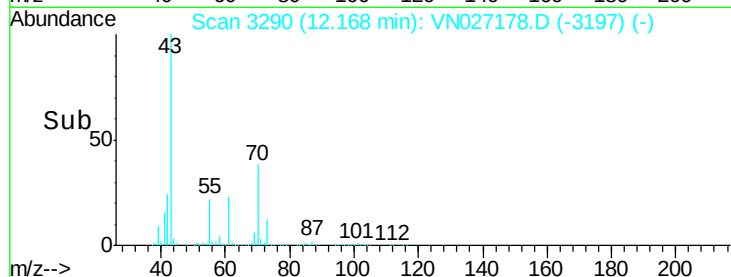
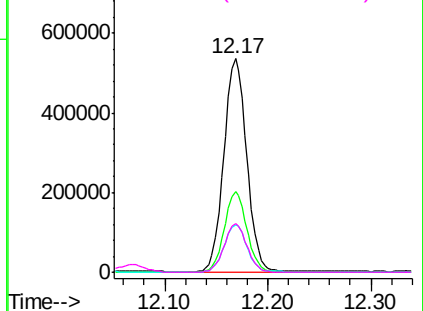


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,1,2,2-Tetrachloroethane

Concen: 49.28 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

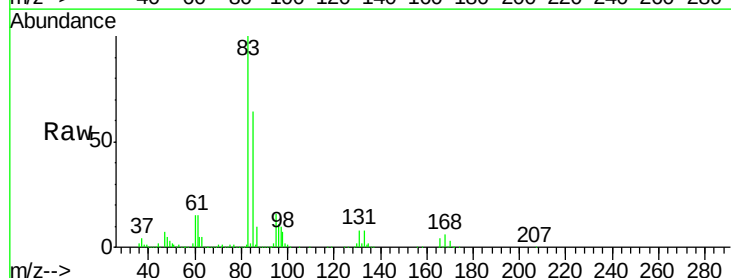
Tgt Ion: 83 Resp: 518287

Ion Ratio Lower Upper

83 100

131 8.7 4.1 12.3

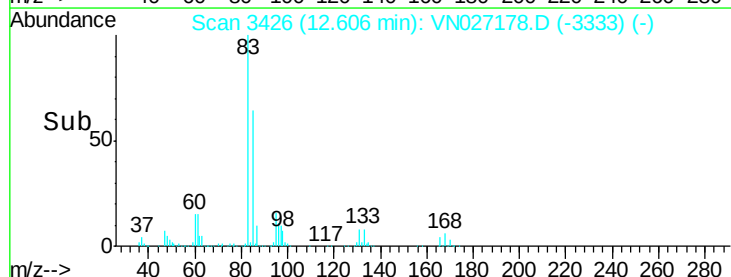
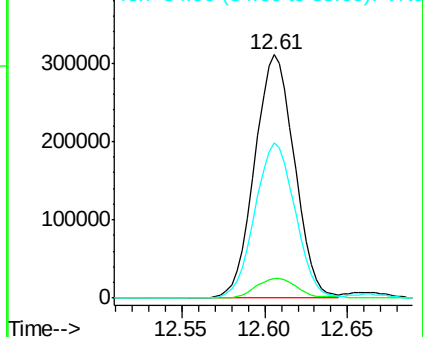
85 64.4 31.9 95.7

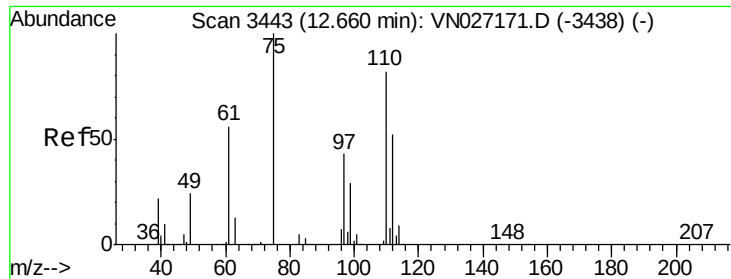


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#77

1,2,3-Trichloropropane

Concen: 65.54 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

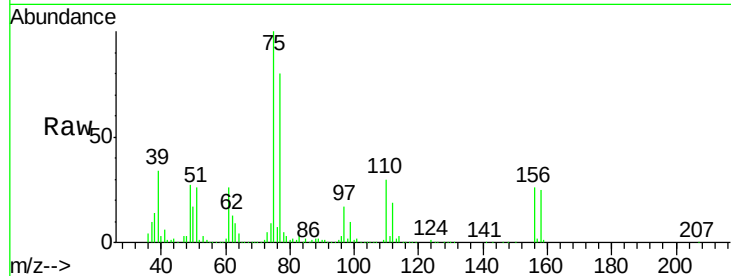
VSTDCCC050

Tgt Ion: 75 Resp: 731657

Ion Ratio Lower Upper

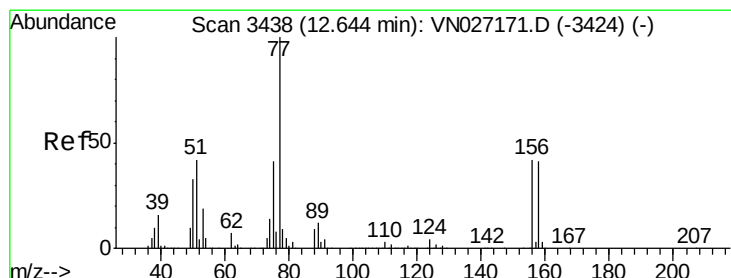
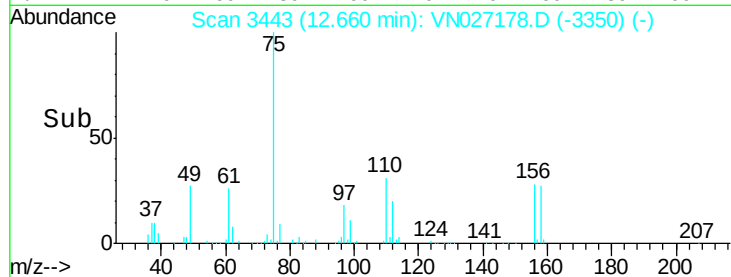
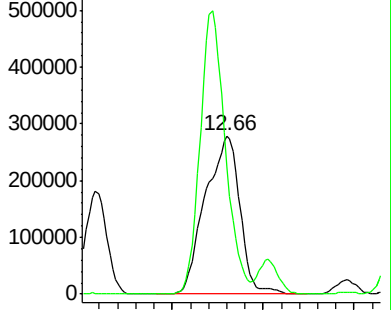
75 100

77 131.5 103.1 309.3



Abundance Ion 74.90 (74.60 to 75.60): VN027178.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN027178.D (-3350) (-)



#78

Bromobenzene

Concen: 44.23 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

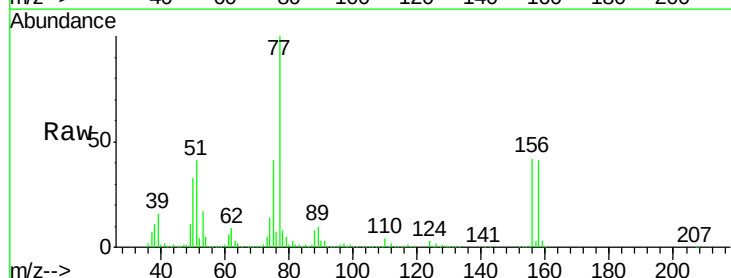
Tgt Ion: 156 Resp: 353023

Ion Ratio Lower Upper

156 100

77 272.5 127.3 381.9

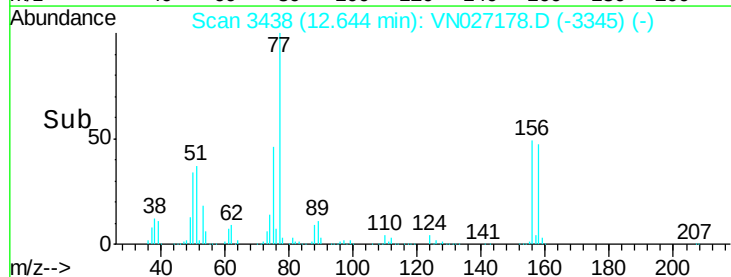
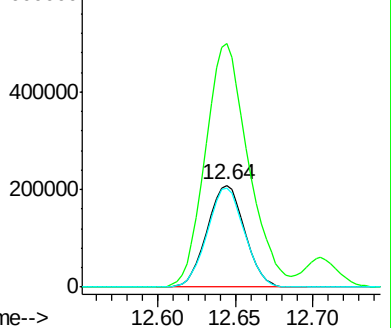
158 96.7 48.0 144.2

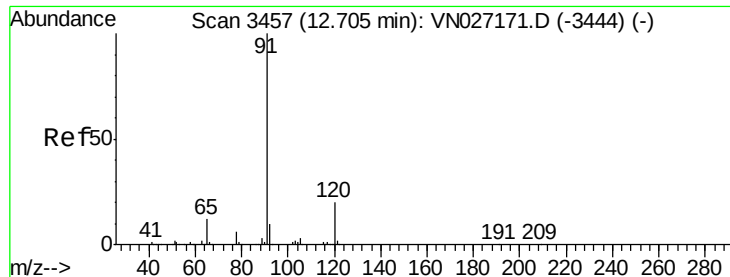


Abundance Ion 155.80 (155.50 to 156.50): VN027178.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN027178.D (-3345) (-)

Ion 157.80 (157.50 to 158.50): VN027178.D (-3345) (-)





#79

n-propylbenzene

Concen: 44.98 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. 0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

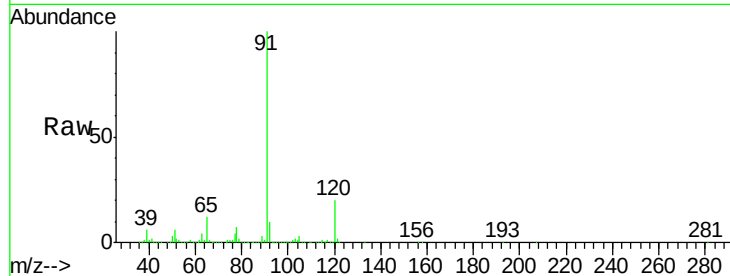
VSTDCCC050

Tgt Ion: 91 Resp: 2154044

Ion Ratio Lower Upper

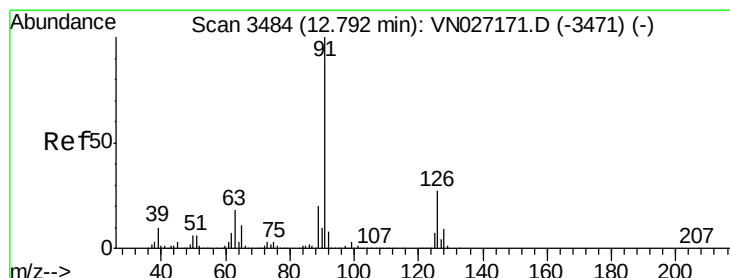
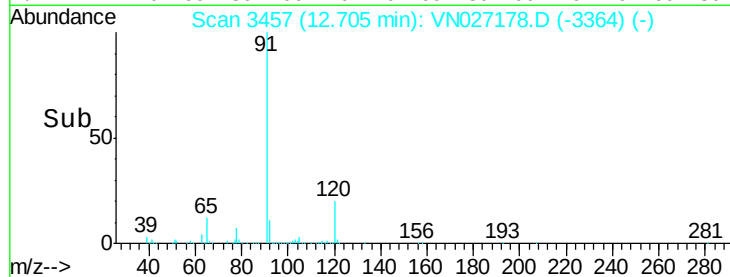
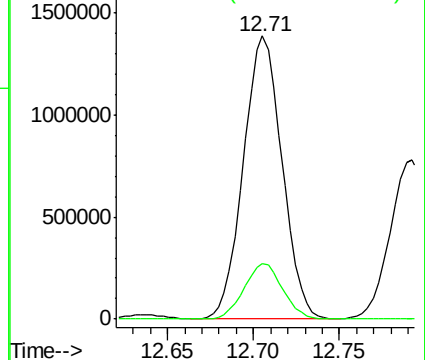
91 100

120 19.6 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

2-Chlorotoluene

Concen: 44.62 ug/l

RT: 12.79 min Scan# 3484

Delta R.T. 0.00 min

Lab File: VN027178.D

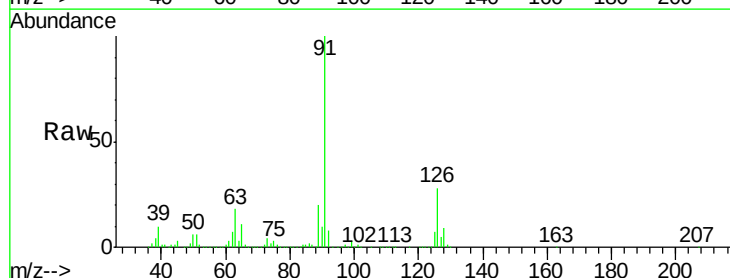
Acq: 15 Sep 2015 21:57

Tgt Ion: 91 Resp: 1282912

Ion Ratio Lower Upper

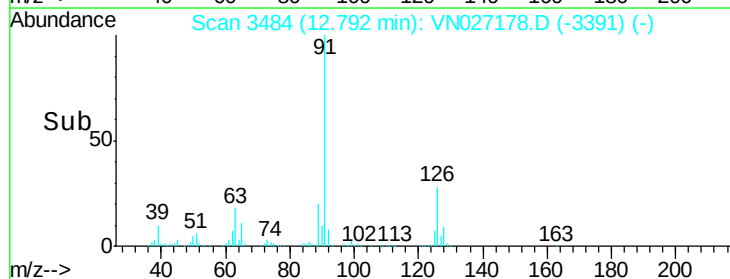
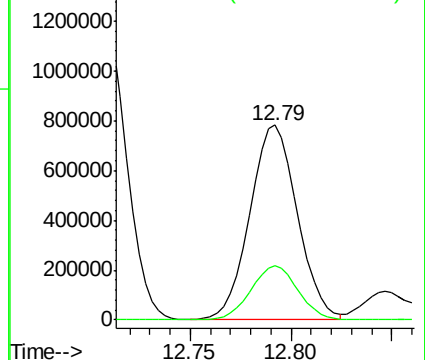
91 100

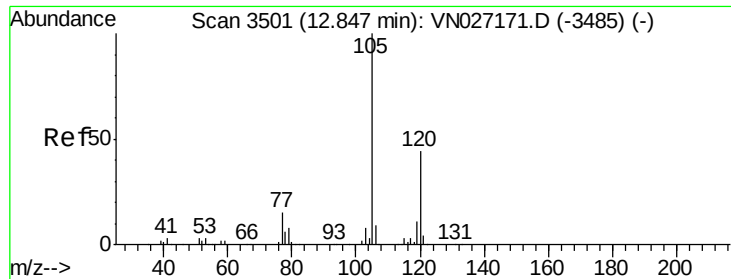
126 27.8 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

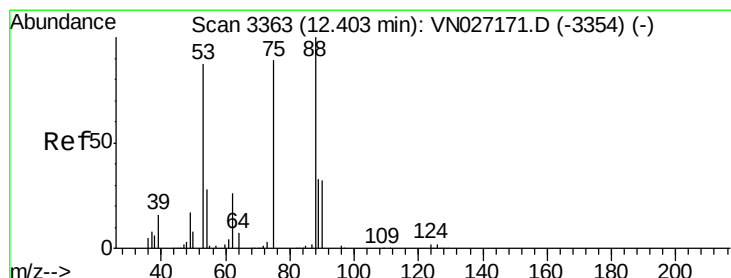
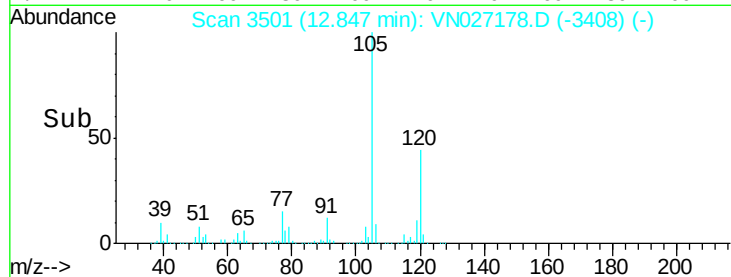
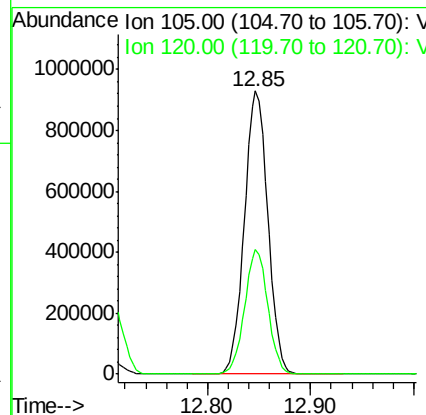
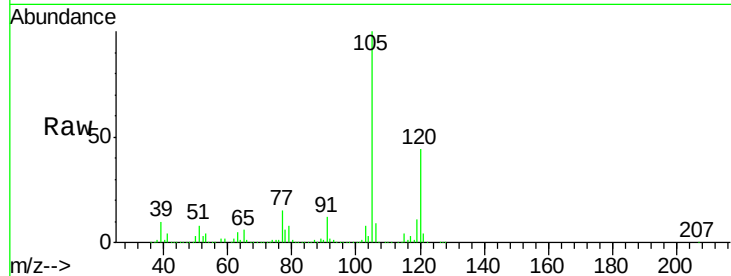




#81
 1,3,5-Trimethylbenzene
 Concen: 44.94 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

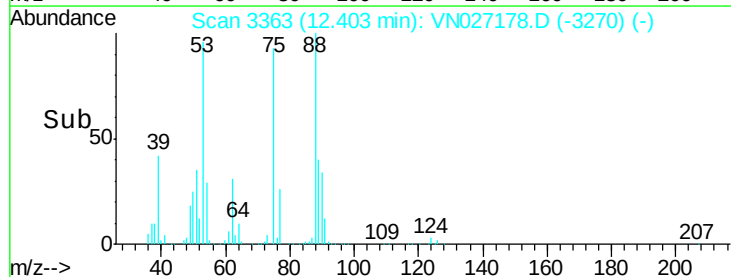
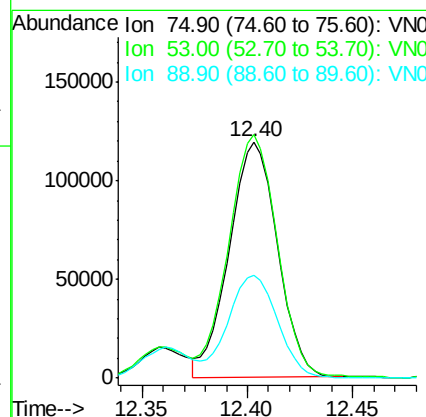
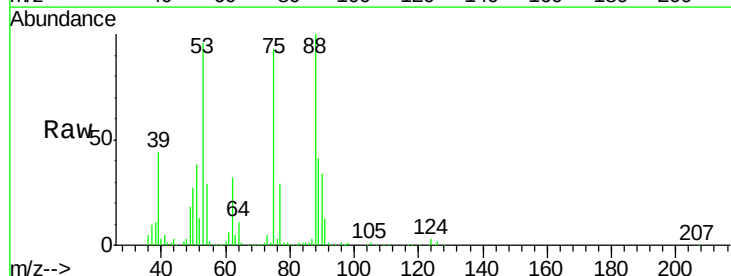
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

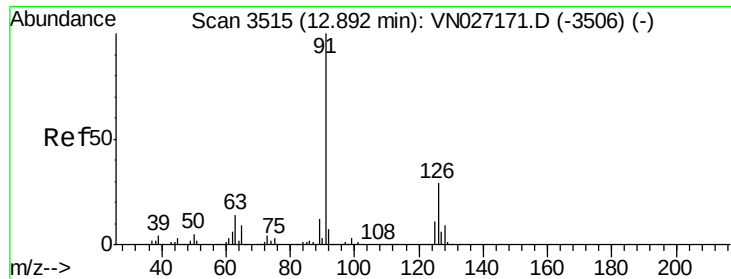
Tgt Ion:105 Resp: 1469385
 Ion Ratio Lower Upper
 105 100
 120 43.4 23.4 70.0



#82
 trans-1,4-Dichloro-2-butene
 Concen: 41.54 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion: 75 Resp: 188767
 Ion Ratio Lower Upper
 75 100
 53 104.9 92.9 139.3
 89 45.0 34.2 51.4





#83

4-Chlorotoluene

Concen: 46.09 ug/l

RT: 12.89 min Scan# 3514

Delta R.T. -0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

Instrument :

MSVOA_N

ClientSampleId :

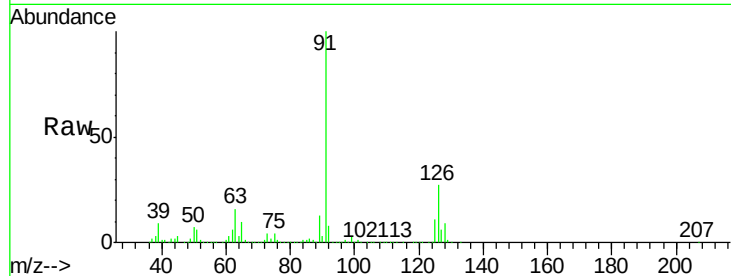
VSTDCCC050

Tgt Ion: 91 Resp: 1302174

Ion Ratio Lower Upper

91 100

126 26.8 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VN027178.D (-3422) (-)

Ion 125.90 (125.60 to 126.60): VN027178.D (-3422) (-)

12.89

800000

600000

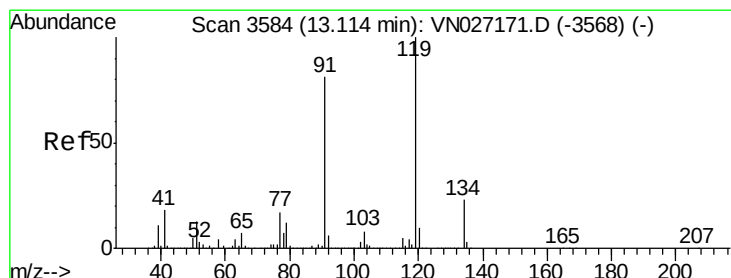
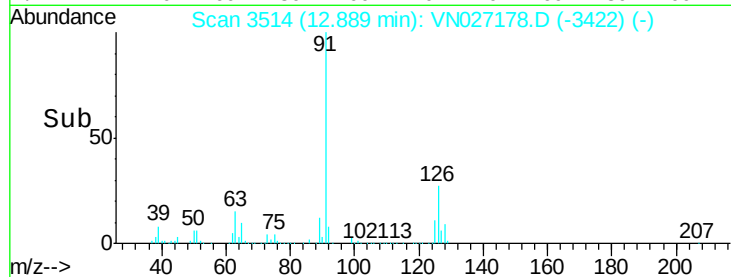
400000

200000

0

12.85 12.90 12.95

Time-->



#84

tert-Butylbenzene

Concen: 43.38 ug/l

RT: 13.11 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN027178.D

Acq: 15 Sep 2015 21:57

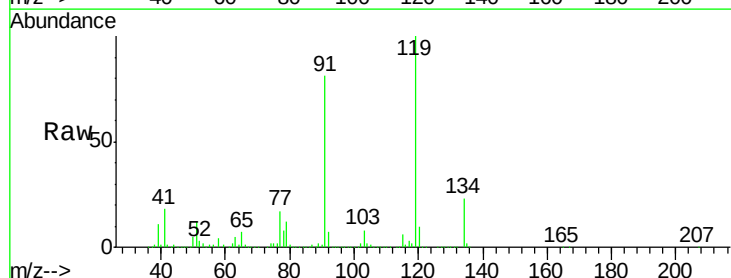
Tgt Ion: 119 Resp: 1170280

Ion Ratio Lower Upper

119 100

91 80.6 34.6 103.8

134 23.2 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): VN027178.D (-3491) (-)

Ion 91.00 (90.70 to 91.70): VN027178.D (-3491) (-)

Ion 134.00 (133.70 to 134.70): VN027178.D (-3491) (-)

13.11

800000

600000

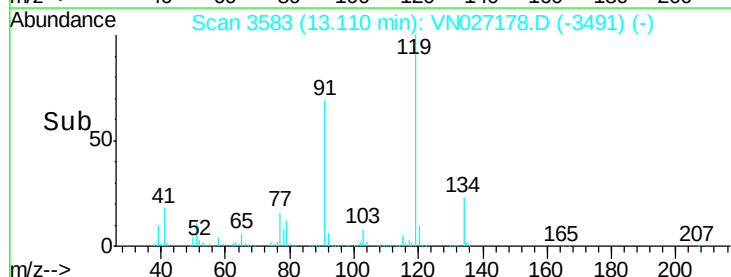
400000

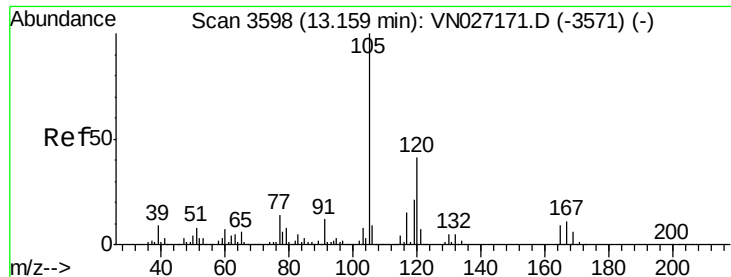
200000

0

13.05 13.10 13.15

Time-->

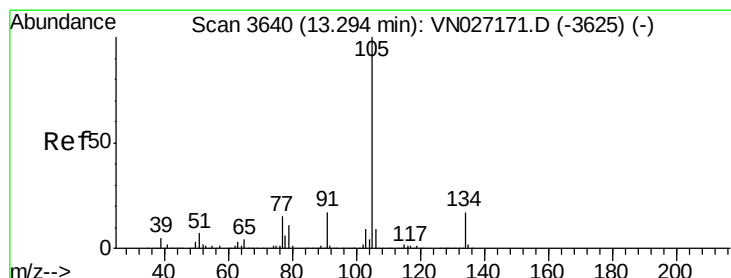
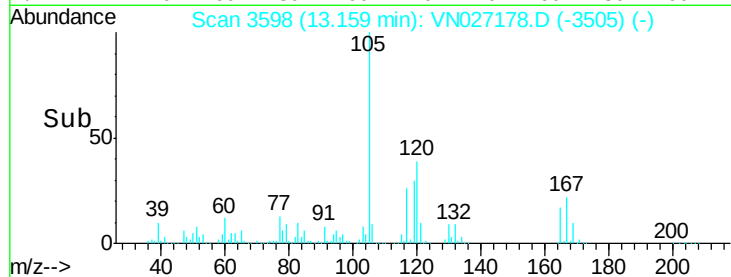
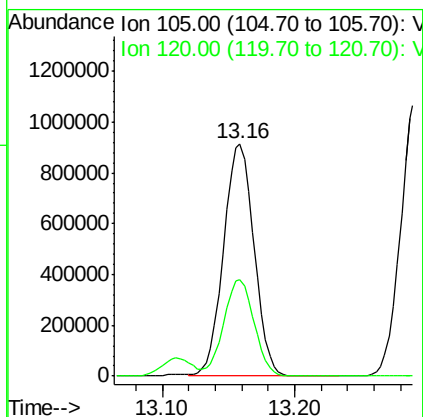
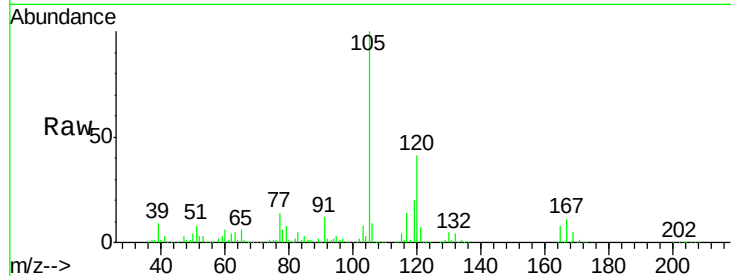




#85
 1,2,4-Trimethylbenzene
 Concen: 44.45 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

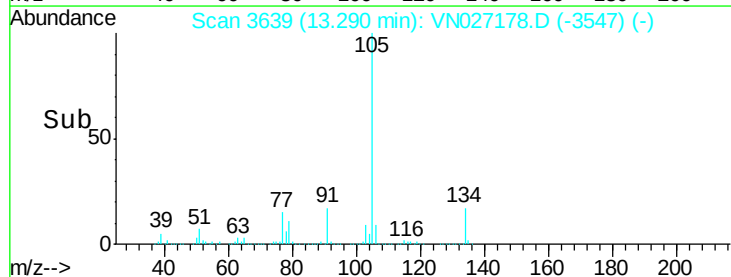
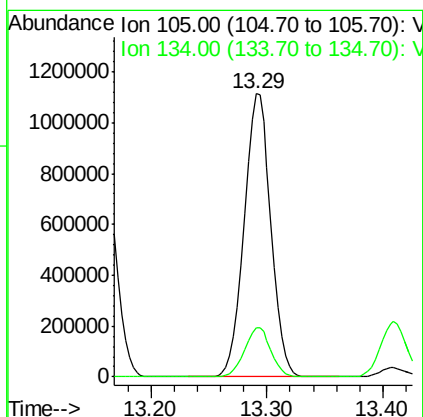
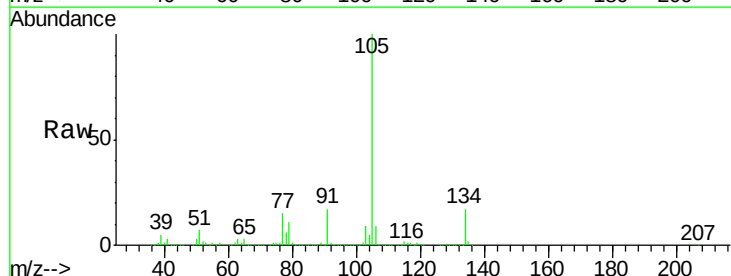
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

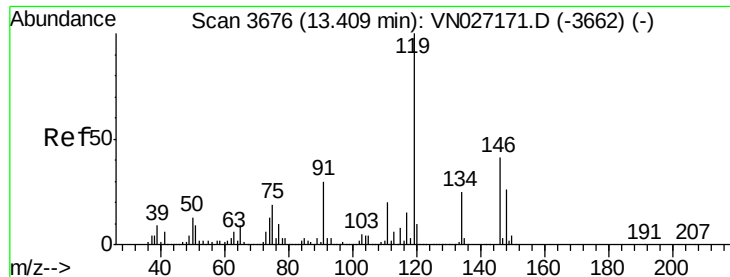
Tgt Ion:105 Resp: 1459920
 Ion Ratio Lower Upper
 105 100
 120 41.3 21.9 65.5



#86
 sec-Butylbenzene
 Concen: 44.94 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion:105 Resp: 1775996
 Ion Ratio Lower Upper
 105 100
 134 17.3 8.8 26.4

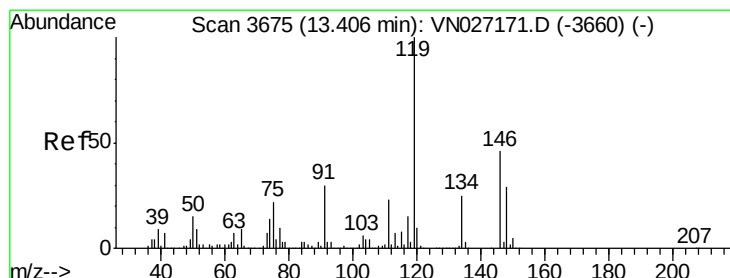
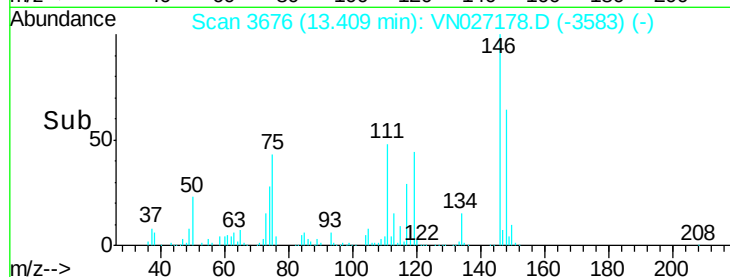
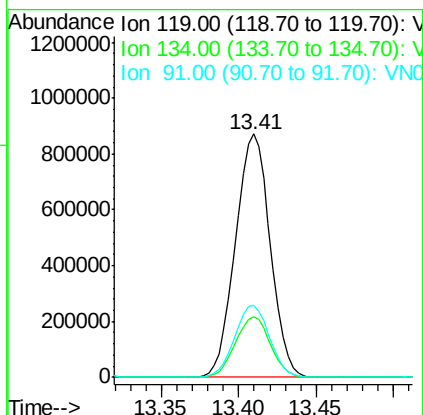
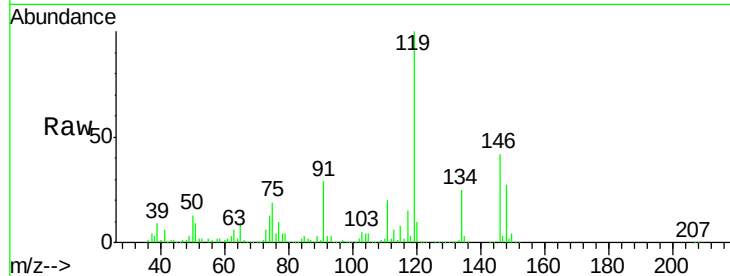




#87
 p-Isopropyltoluene
 Concen: 44.55 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 1356172
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.4 37.0
 91 29.5 12.0 36.1



#88
 1,3-Dichlorobenzene
 Concen: 45.41 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027178.D
 Acq: 15 Sep 2015 21:57

Tgt Ion:146 Resp: 620221
 Ion Ratio Lower Upper
 146 100
 111 48.9 21.0 63.0
 148 63.7 31.9 95.9

