

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072318\
 Data File : VN050000.D
 Acq On : 23 Jul 2018 9:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 24 04:10:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	695482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	904395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	496758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	450929	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	7.59	113	407815	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.09	98	1488321	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	520793	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	569276	90.845 ug/l	97
3) Chloromethane	2.06	50	552911	58.243 ug/l	100
4) Vinyl Chloride	2.18	62	577049	56.991 ug/l	100
5) Bromomethane	2.56	94	321662	57.093 ug/l	99
6) Chloroethane	2.70	64	333295	50.403 ug/l	100
7) Trichlorofluoromethane	3.01	101	746074	53.600 ug/l	98
8) Diethyl Ether	3.41	74	252435	51.982 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	454882	53.002 ug/l	100
10) Methyl Iodide	3.95	142	582202	50.564 ug/l	98
11) Tert butyl alcohol	4.81	59	154983	227.583 ug/l	100
12) 1,1-Dichloroethene	3.73	96	402821	53.427 ug/l	99
13) Acrolein	3.61	56	50775	115.708 ug/l	98
14) Allyl chloride	4.32	41	643701	54.154 ug/l	98
15) Acrylonitrile	4.99	53	735265	245.501 ug/l	99
16) Acetone	3.82	43	610785	246.792 ug/l	100
17) Carbon Disulfide	4.05	76	1269662	56.275 ug/l	100
18) Methyl Acetate	4.33	43	412837	53.136 ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1100696	53.054 ug/l	100
20) Methylene Chloride	4.55	84	455964	48.446 ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	438597	54.781 ug/l	99
22) Diisopropyl ether	5.96	45	1339982	55.248 ug/l	97
23) Vinyl Acetate	5.90	43	4622317	271.605 ug/l	100
24) 1,1-Dichloroethane	5.85	63	798048	51.252 ug/l	100
25) 2-Butanone	6.84	43	917004	259.252 ug/l	99
26) 2,2-Dichloropropane	6.83	77	684797	56.521 ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	475883	54.166 ug/l	99
28) Bromochloromethane	7.20	49	316461	45.001 ug/l	99
29) Tetrahydrofuran	7.22	42	574038	257.623 ug/l	99
30) Chloroform	7.37	83	804845	50.350 ug/l	99
31) Cyclohexane	7.65	56	722209	56.990 ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	700759	50.720 ug/l	99
36) 1,1-Dichloropropene	7.79	75	631714	58.213 ug/l	100
37) Ethyl Acetate	6.93	43	382655	51.352 ug/l	99
38) Carbon Tetrachloride	7.77	117	632805	54.439 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	698383	62.297	ug/l	100
40) Benzene	8.04	78	1852126	55.997	ug/l	100
41) Methacrylonitrile	7.17	41	191059	51.146	ug/l	90
42) 1,2-Dichloroethane	8.13	62	588816	53.749	ug/l	99
43) Isopropyl Acetate	8.17	43	699337	53.717	ug/l	98
44) Trichloroethene	8.84	130	484926	55.915	ug/l	98
45) 1,2-Dichloropropane	9.12	63	479019	53.687	ug/l	99
46) Dibromomethane	9.21	93	292506	52.860	ug/l	99
47) Bromodichloromethane	9.40	83	620174	54.192	ug/l	99
48) Methyl methacrylate	9.20	41	362487	55.506	ug/l	99
49) 1,4-Dioxane	9.20	88	93288	1006.984	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1954869	268.616	ug/l	100
52) Toluene	10.16	92	1148995	58.238	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	638330	56.413	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	726921	58.126	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	414608	50.869	ug/l	99
56) Ethyl methacrylate	10.43	69	527867	48.306	ug/l	99
57) 1,3-Dichloropropane	10.71	76	701827	54.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1231564	239.738	ug/l	99
59) 2-Hexanone	10.75	43	1390352	284.430	ug/l	99
60) Dibromochloromethane	10.90	129	477163	53.387	ug/l	99
61) 1,2-Dibromoethane	11.01	107	409953	53.830	ug/l	98
64) Tetrachloroethene	10.63	164	470109	57.845	ug/l	99
65) Chlorobenzene	11.43	112	1241542	54.636	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	463119	52.618	ug/l	99
67) Ethyl Benzene	11.51	91	2162277	58.658	ug/l	99
68) m/p-Xylenes	11.62	106	1674594	120.009	ug/l	99
69) o-Xylene	11.95	106	793582	59.213	ug/l	98
70) Styrene	11.97	104	1298532	59.817	ug/l	100
71) Bromoform	12.13	173	337361	53.581	ug/l #	99
73) Isopropylbenzene	12.25	105	2136938	56.633	ug/l	100
74) N-amyl acetate	12.07	43	596248	51.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	524334	46.378	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	659372	70.759	ug/l #	100
77) Bromobenzene	12.53	156	538725	51.702	ug/l	98
78) n-propylbenzene	12.59	91	2500717	58.292	ug/l	100
79) 2-Chlorotoluene	12.68	91	1458116	55.355	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1773526	58.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	153903	51.644	ug/l	99
82) 4-Chlorotoluene	12.77	91	1500252	56.772	ug/l	100
83) tert-Butylbenzene	12.99	119	1504382	56.638	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1825910	59.598	ug/l	100
85) sec-Butylbenzene	13.17	105	2058365	58.644	ug/l	100
86) p-Isopropyltoluene	13.29	119	1816243	60.698	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	979055	53.927	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	952539	52.333	ug/l	99
89) n-Butylbenzene	13.62	91	1533387	62.066	ug/l	100
90) Hexachloroethane	13.88	117	329592	49.078	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	939855	52.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	81613	46.723	ug/l	99

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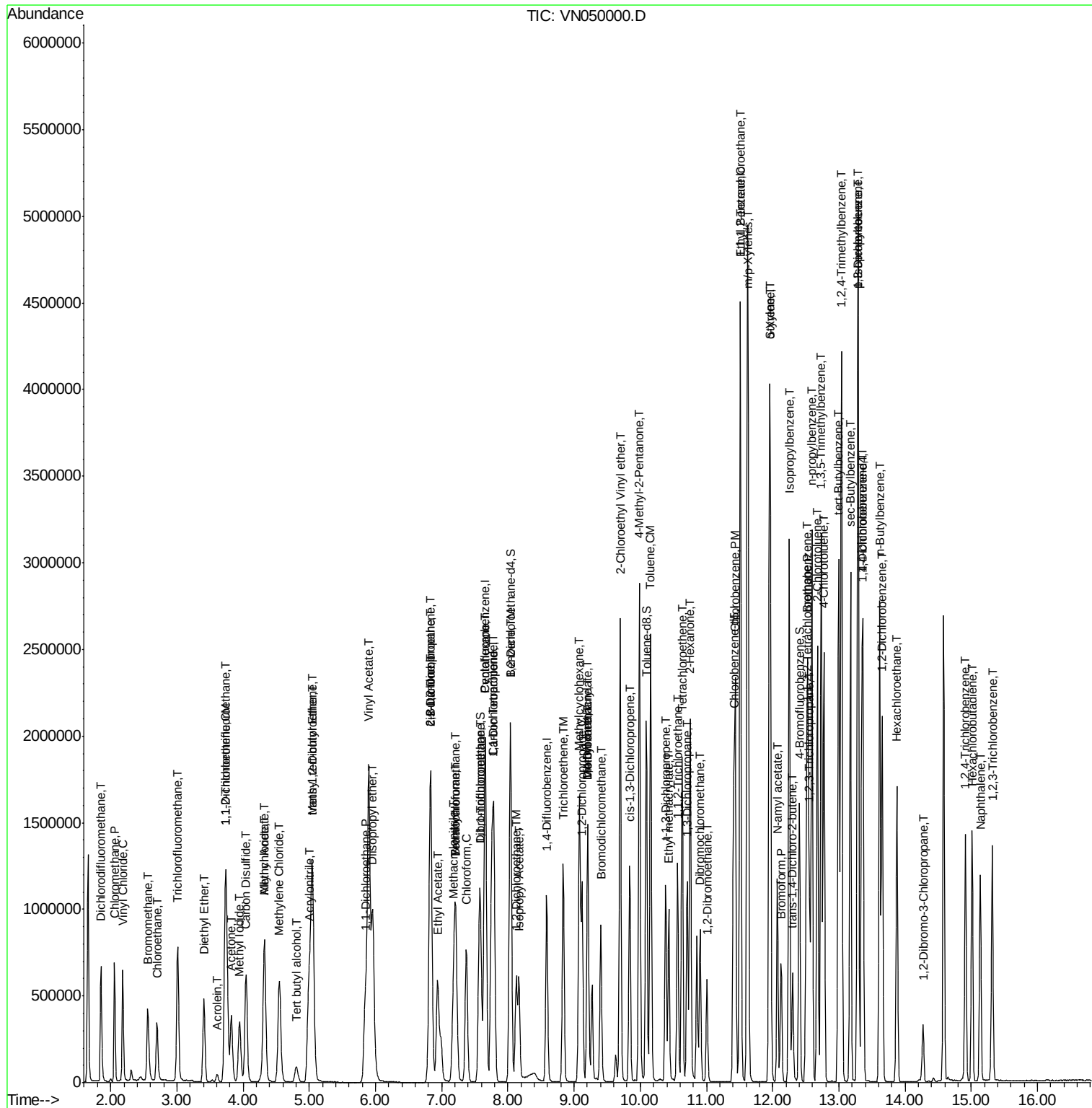
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	496959	50.457	ug/l	99
94) Hexachlorobutadiene	15.01	225	305810	52.279	ug/l	99
95) Naphthalene	15.14	128	1045247	44.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	485846	56.734	ug/l	100

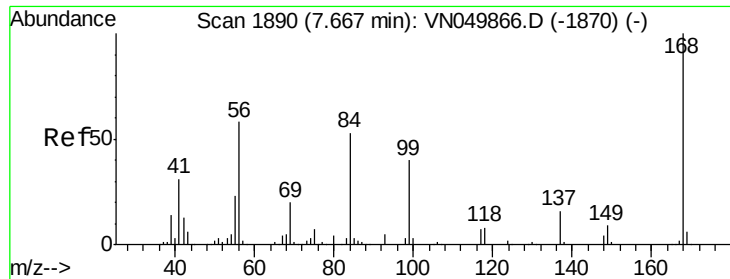
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

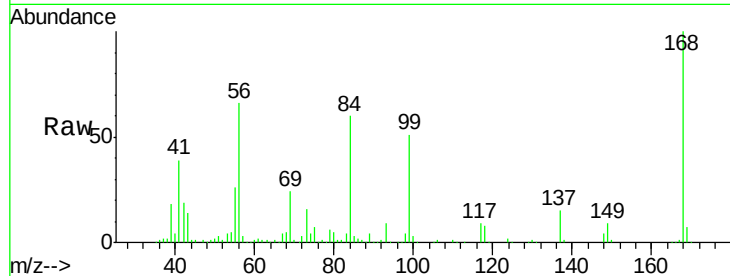
VSTDCCC050

Tgt Ion: 168 Resp: 695482

Ion Ratio Lower Upper

168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049866.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN049866.D (-1870) (-)

7.67

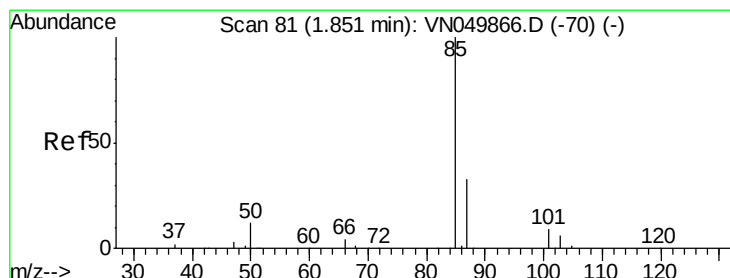
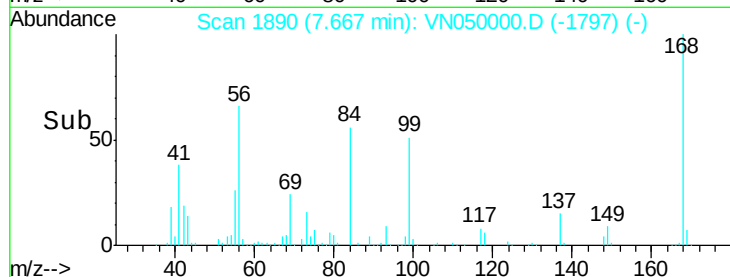
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 90.845 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050000.D

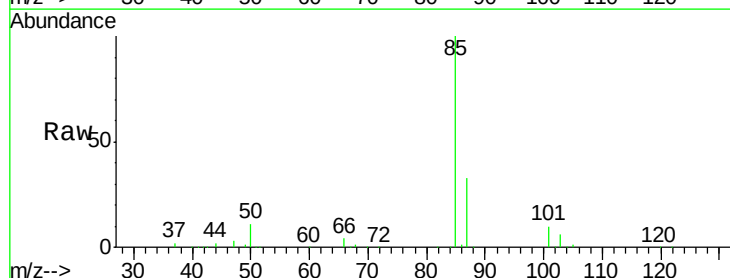
Acq: 23 Jul 2018 9:01

Tgt Ion: 85 Resp: 569276

Ion Ratio Lower Upper

85 100

87 32.6 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN049866.D (-70) (-)

Ion 86.90 (86.60 to 87.60): VN049866.D (-70) (-)

1.85

400000

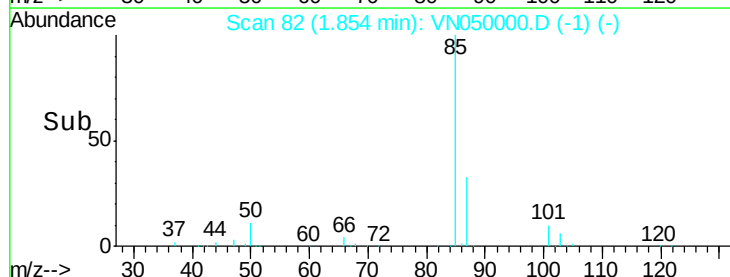
300000

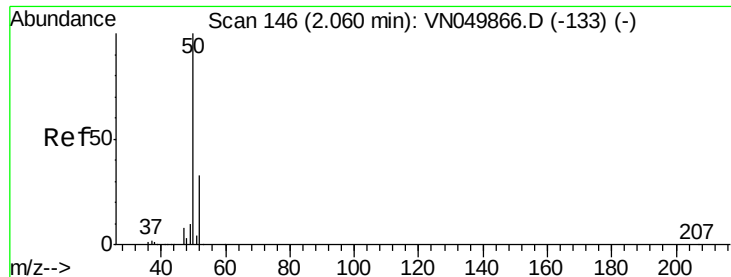
200000

100000

0

Time-->





#3

Chloromethane

Concen: 58.243 ug/l

RT: 2.06 min Scan# 146

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

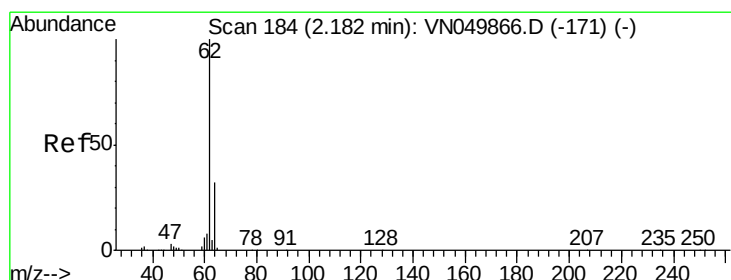
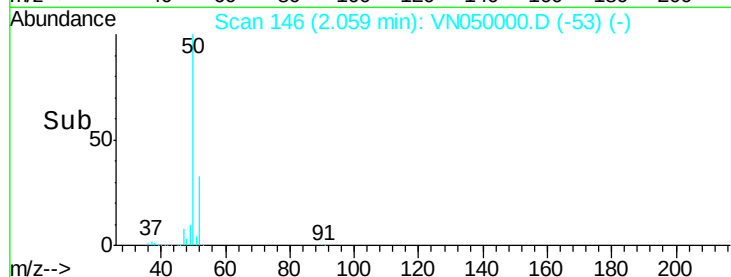
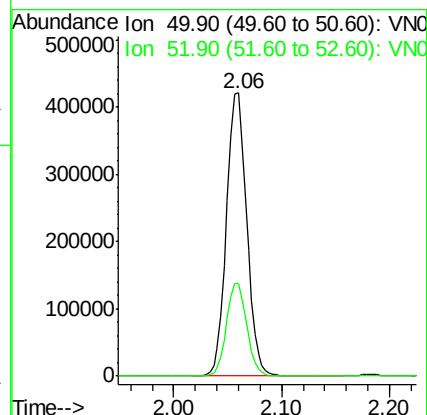
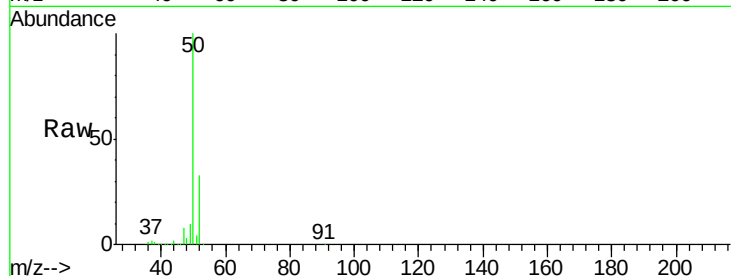
VSTDCCC050

Tgt Ion: 50 Resp: 552911

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 56.991 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050000.D

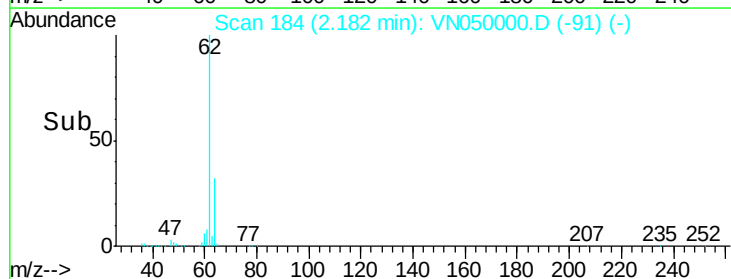
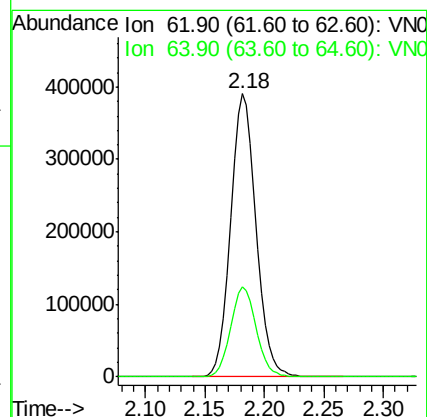
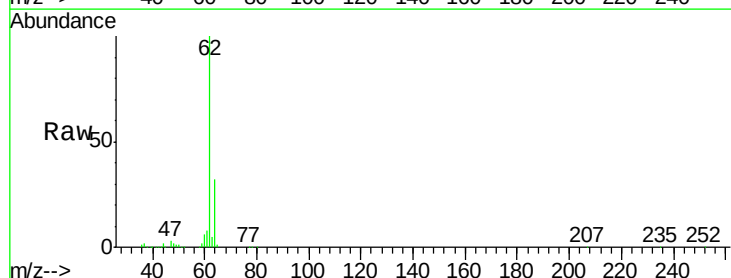
Acq: 23 Jul 2018 9:01

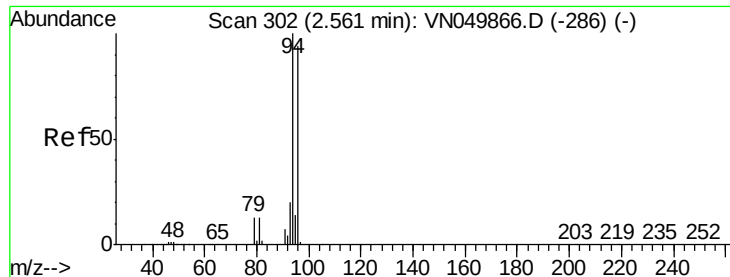
Tgt Ion: 62 Resp: 577049

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 57.093 ug/l

RT: 2.56 min Scan# 302

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

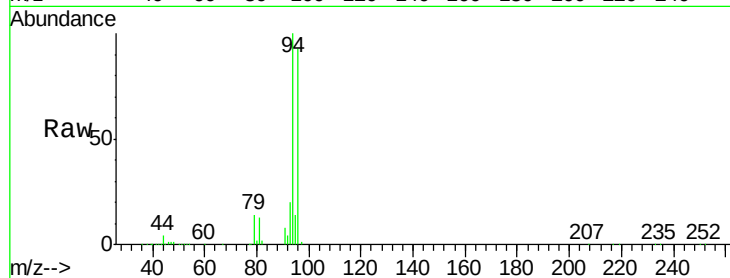
VSTDCCC050

Tgt Ion: 94 Resp: 321662

Ion Ratio Lower Upper

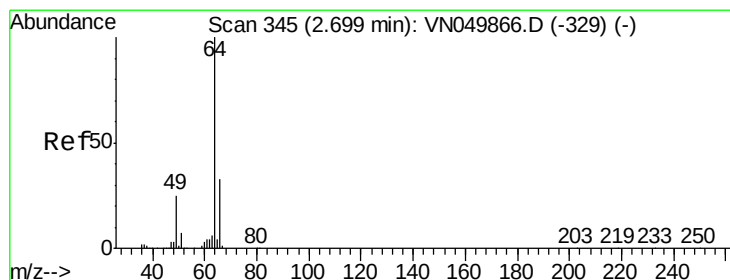
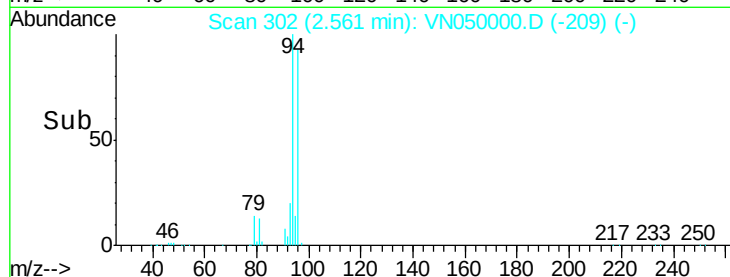
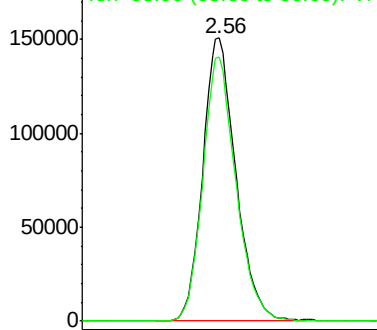
94 100

96 93.4 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.403 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN050000.D

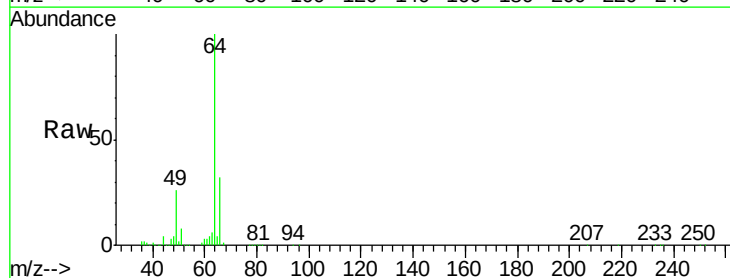
Acq: 23 Jul 2018 9:01

Tgt Ion: 64 Resp: 333295

Ion Ratio Lower Upper

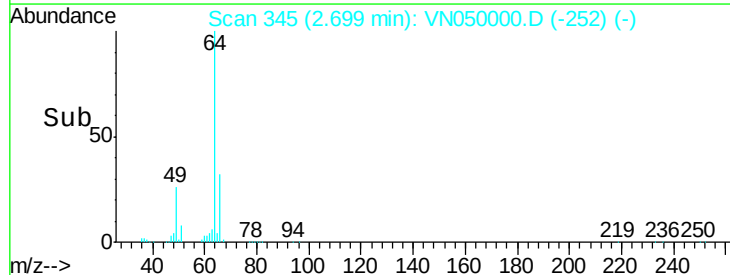
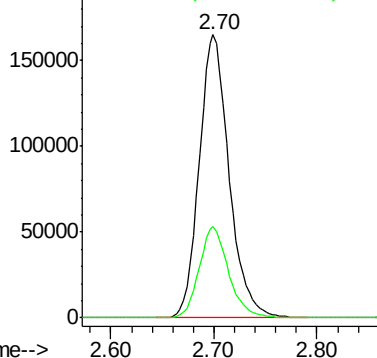
64 100

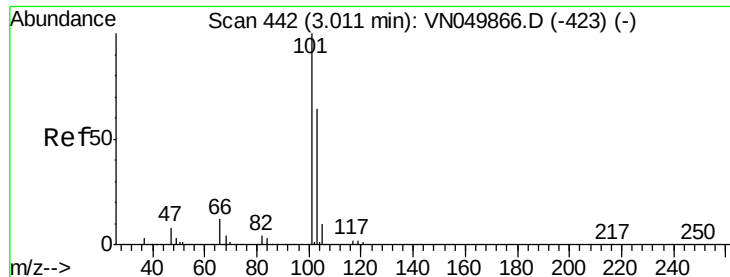
66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



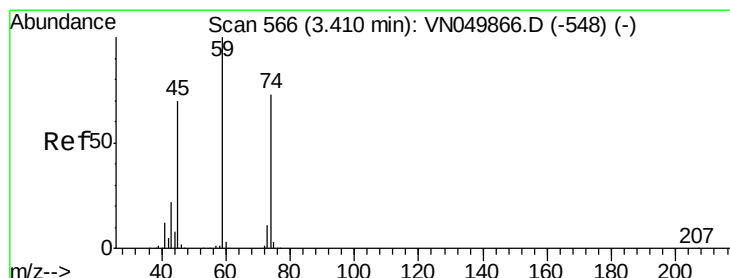
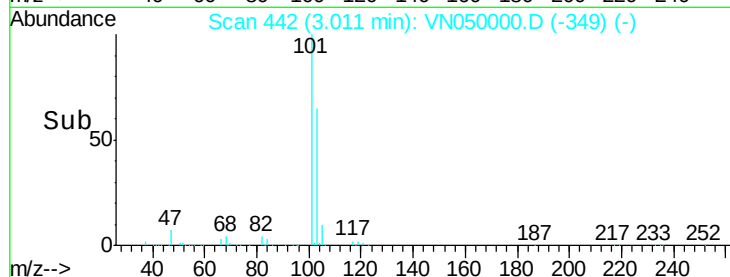
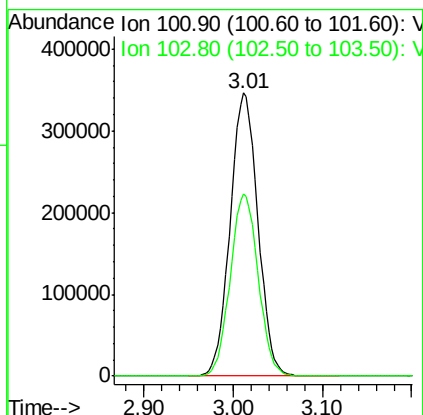
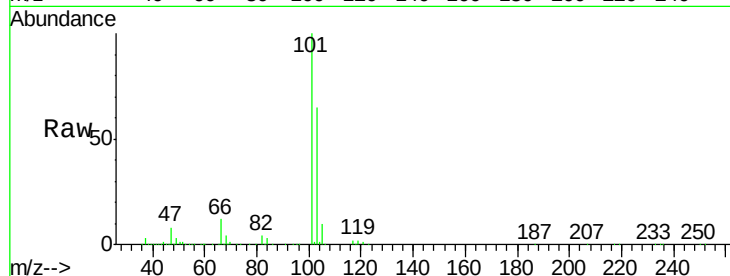


#7

Trichlorofluoromethane
 Concen: 53.600 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
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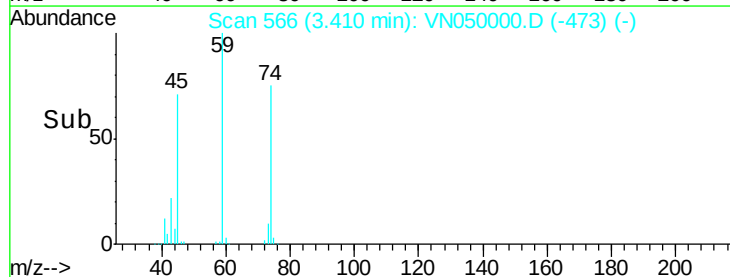
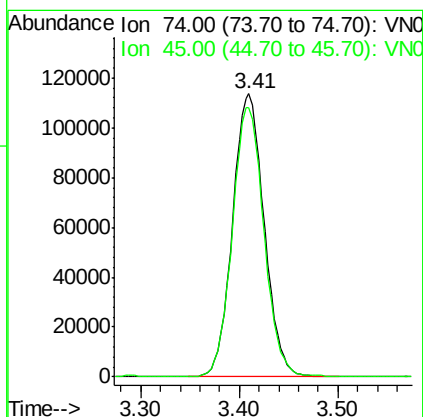
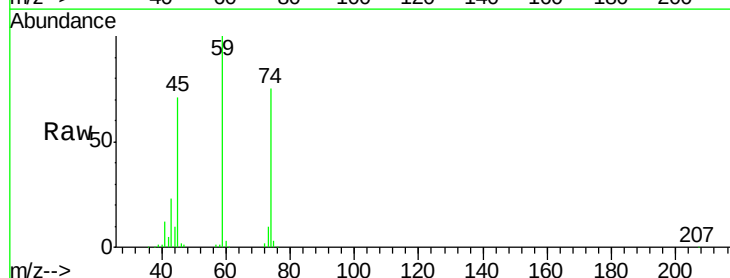
Tgt Ion: 101 Resp: 746074
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

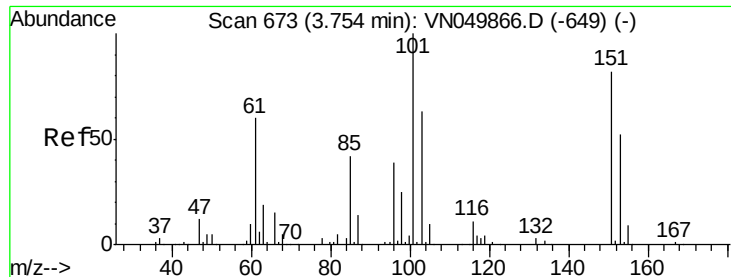


#8

Diethyl Ether
 Concen: 51.982 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 74 Resp: 252435
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.002 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

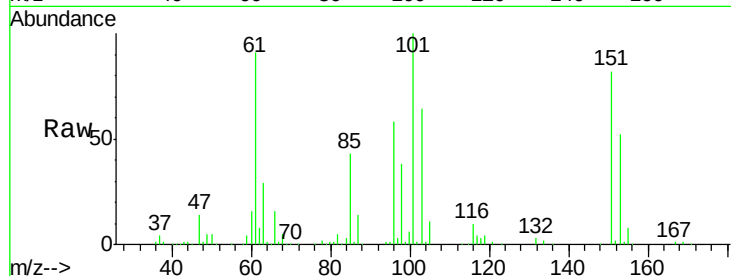
Tgt Ion:101 Resp: 454882

Ion Ratio Lower Upper

101 100

85 43.1 34.4 51.6

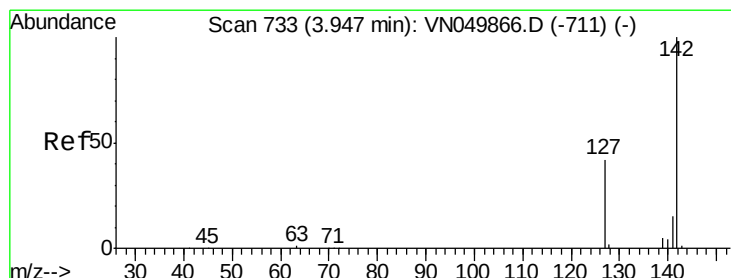
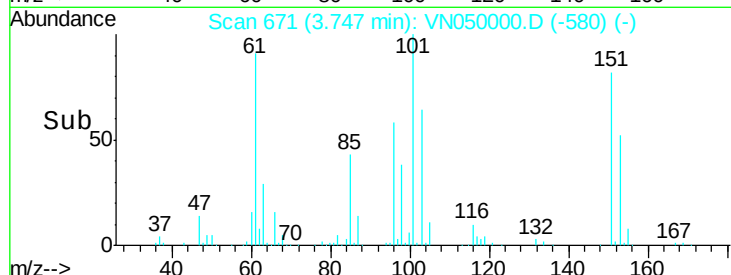
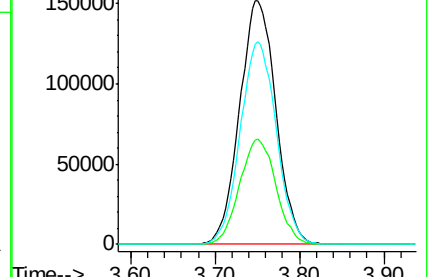
151 82.8 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.564 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

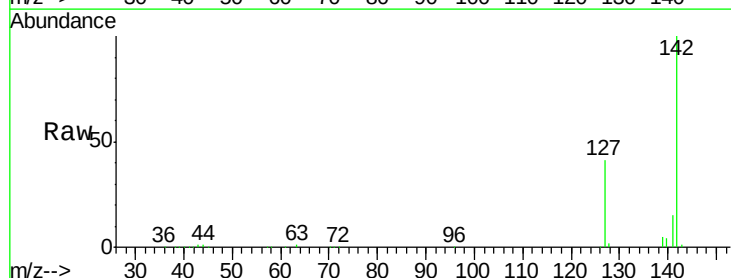
Tgt Ion:142 Resp: 582202

Ion Ratio Lower Upper

142 100

127 41.7 32.5 48.7

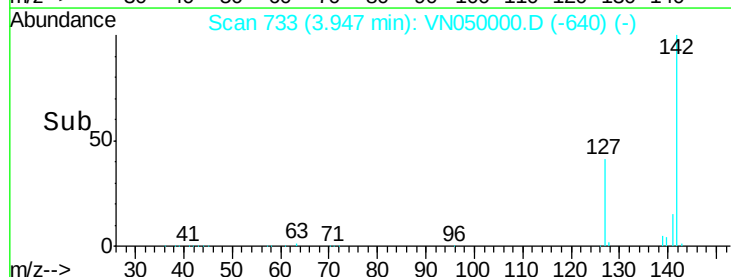
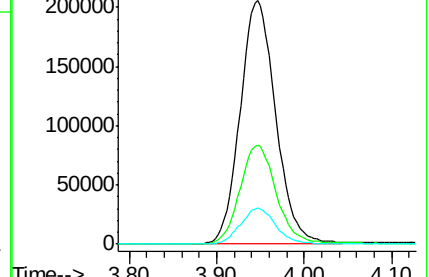
141 14.7 11.1 16.7

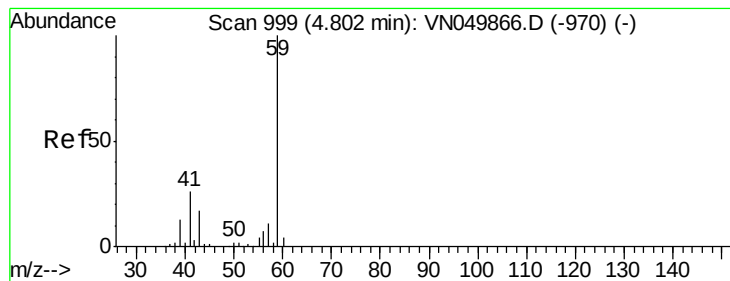


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 227.583 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

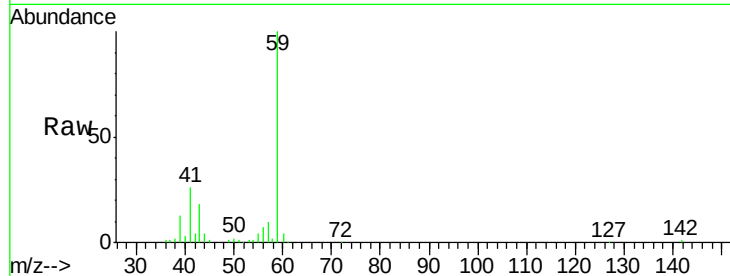
VSTDCCC050

Tgt Ion: 59 Resp: 154983

Ion Ratio Lower Upper

59 100

57 10.5 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.81

50000

40000

30000

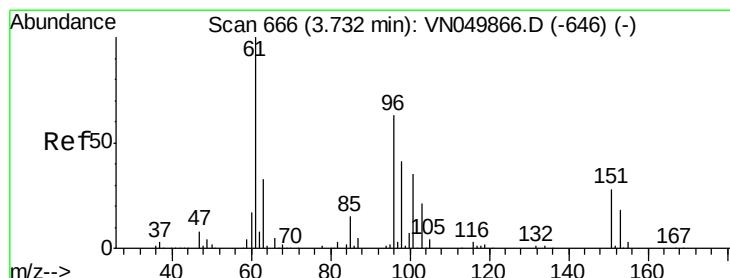
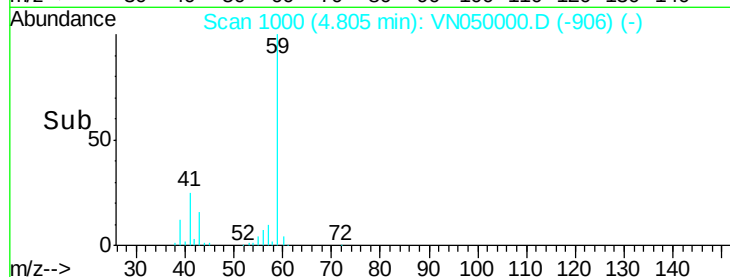
20000

10000

0

Time-->

4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 53.427 ug/l

RT: 3.73 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

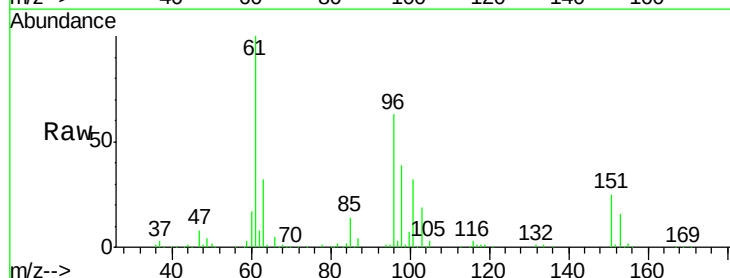
Tgt Ion: 96 Resp: 402821

Ion Ratio Lower Upper

96 100

61 157.7 126.5 189.7

98 62.1 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

300000

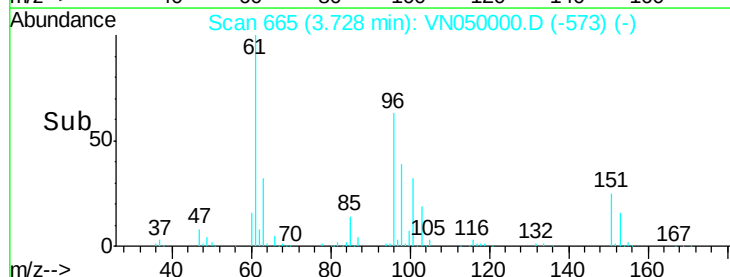
200000

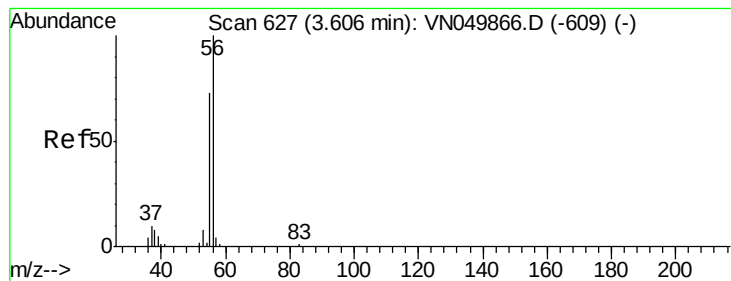
100000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 115.708 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

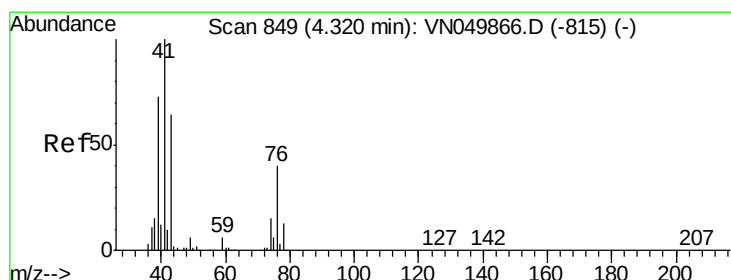
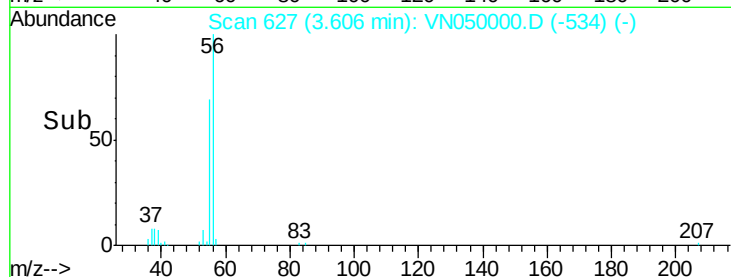
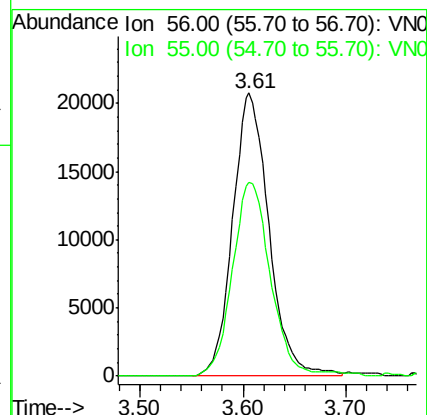
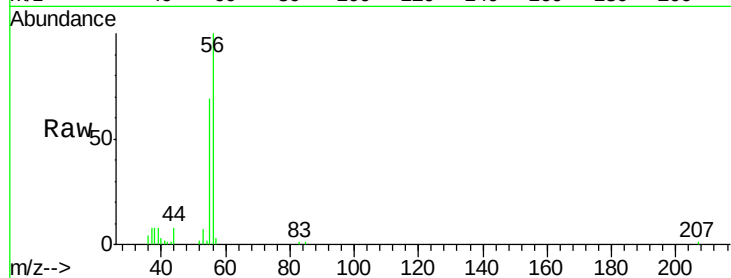
VSTDCCC050

Tgt Ion: 56 Resp: 50775

Ion Ratio Lower Upper

56 100

55 71.2 55.8 83.8



#14

Allyl chloride

Concen: 54.154 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

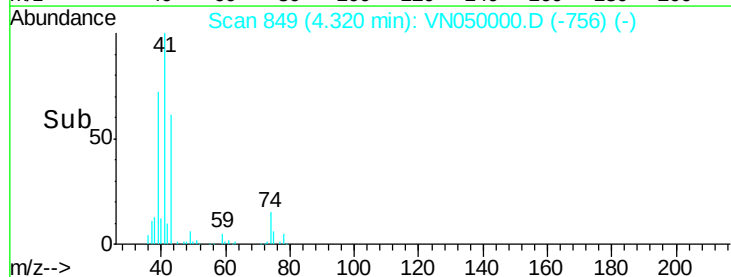
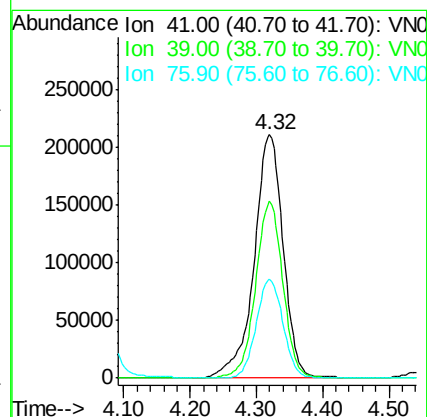
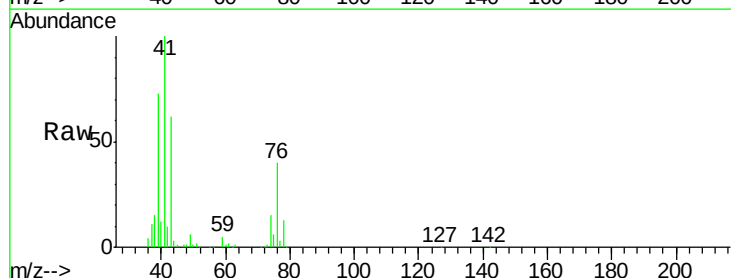
Tgt Ion: 41 Resp: 643701

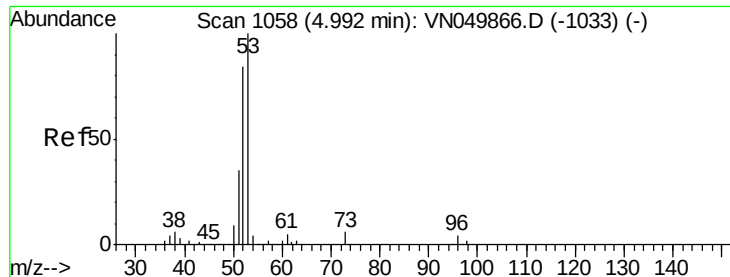
Ion Ratio Lower Upper

41 100

39 67.9 53.2 79.8

76 36.9 29.0 43.6





#15

Acrylonitrile

Concen: 245.501 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

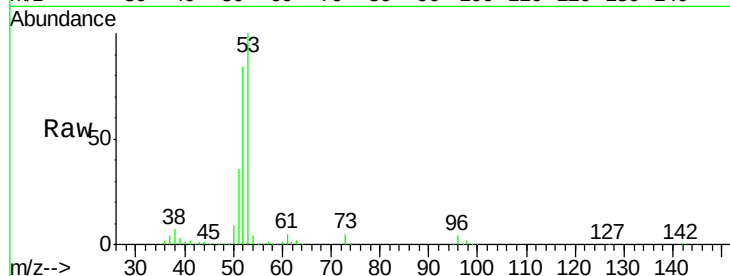
Tgt Ion: 53 Resp: 735265

Ion Ratio Lower Upper

53 100

52 81.7 64.8 97.2

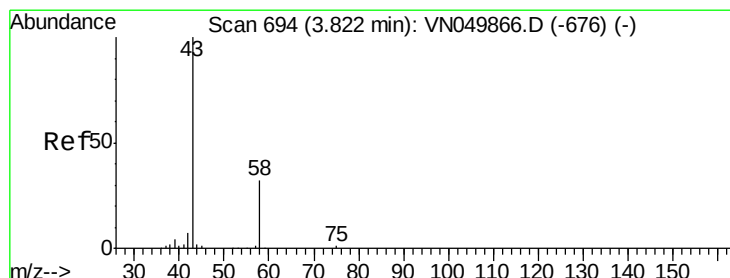
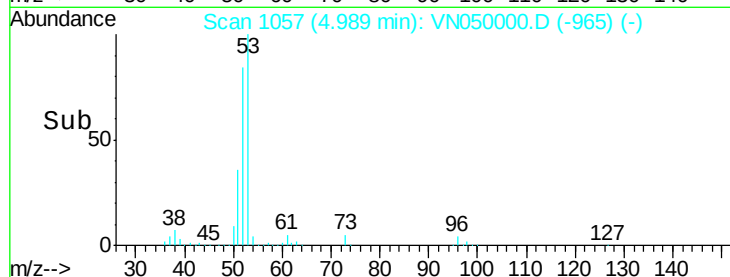
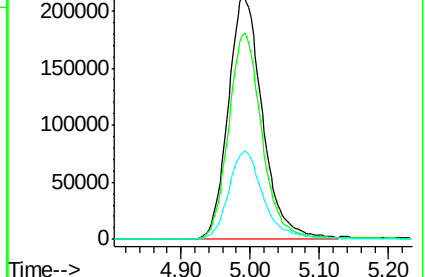
51 36.8 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049866.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049866.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049866.D (-1033) (-)



#16

Acetone

Concen: 246.792 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050000.D

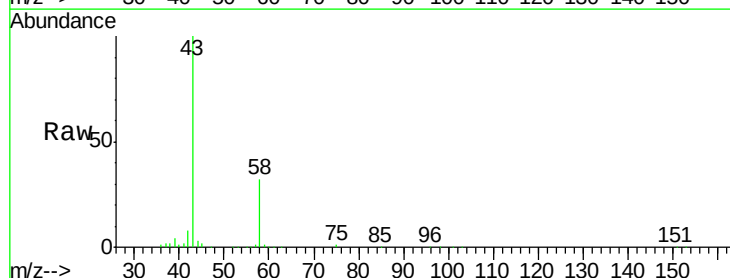
Acq: 23 Jul 2018 9:01

Tgt Ion: 43 Resp: 610785

Ion Ratio Lower Upper

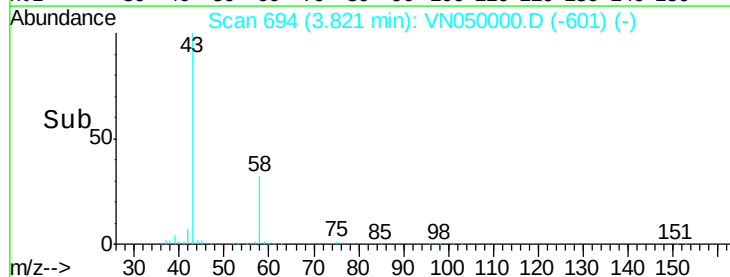
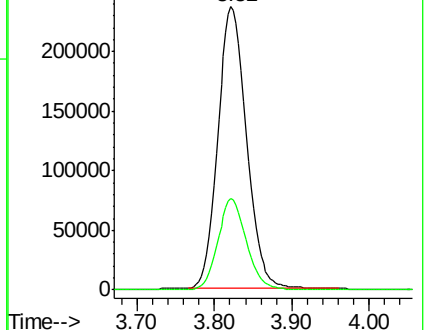
43 100

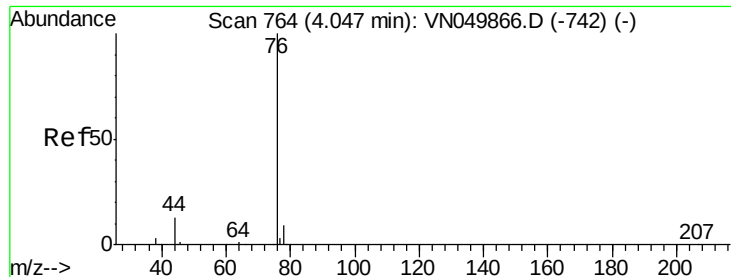
58 32.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-676) (-)





#17

Carbon Disulfide

Concen: 56.275 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampled :

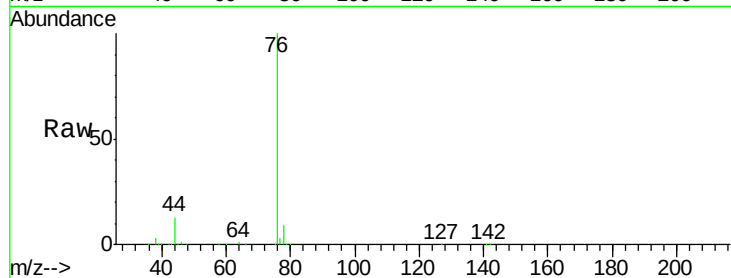
VSTDCCC050

Tgt Ion: 76 Resp: 1269662

Ion Ratio Lower Upper

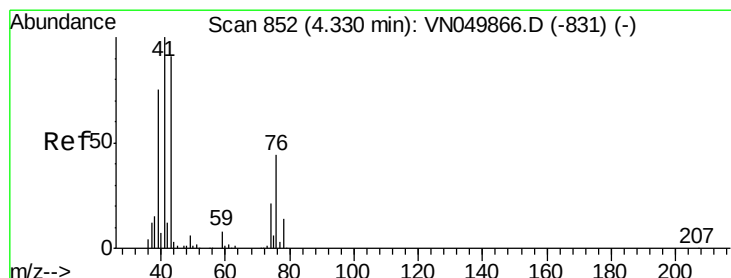
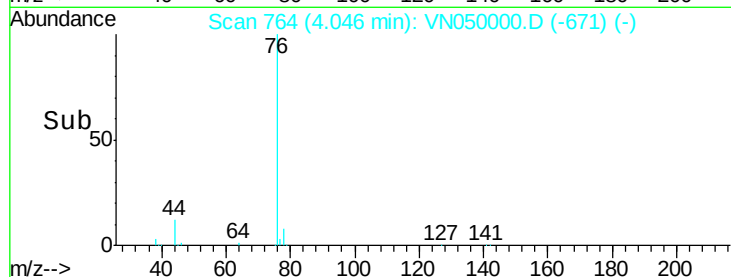
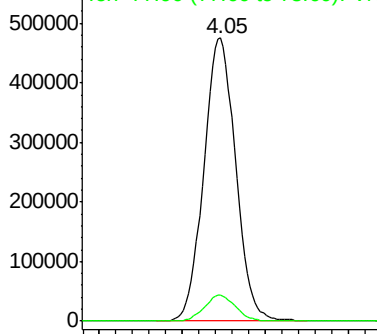
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 53.136 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050000.D

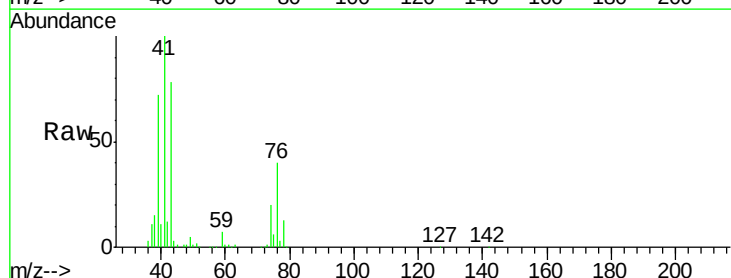
Acq: 23 Jul 2018 9:01

Tgt Ion: 43 Resp: 412837

Ion Ratio Lower Upper

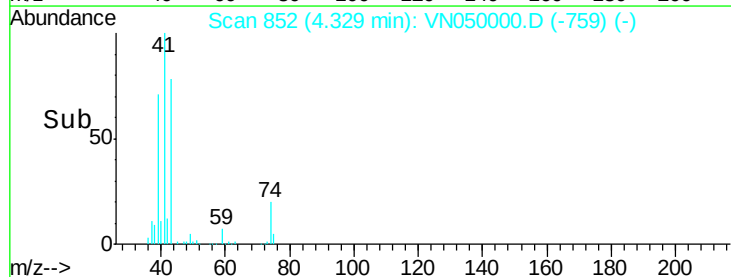
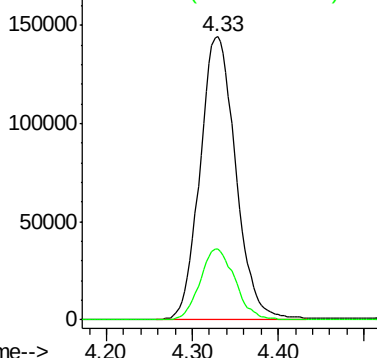
43 100

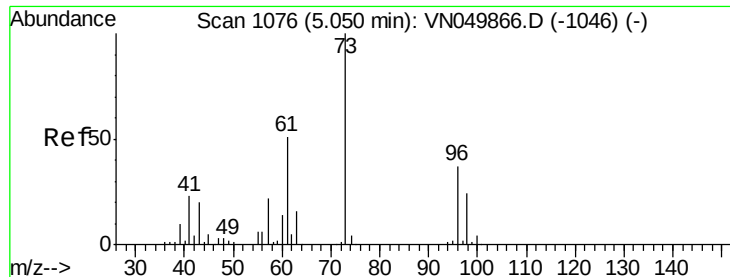
74 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

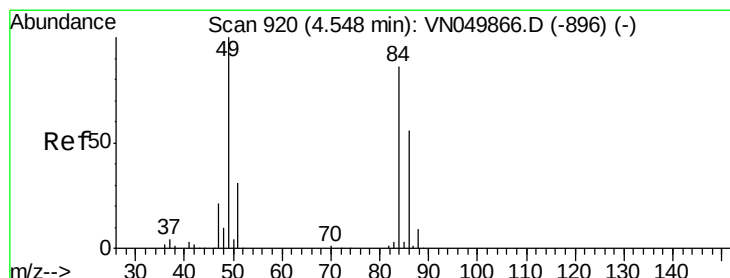
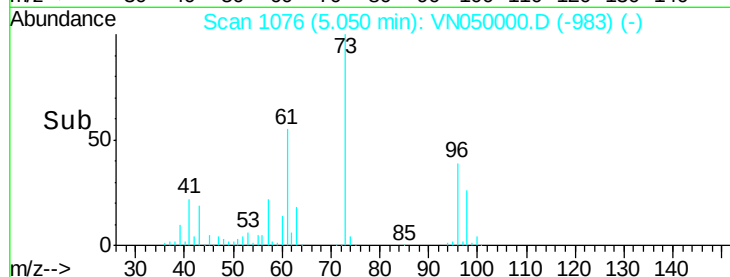
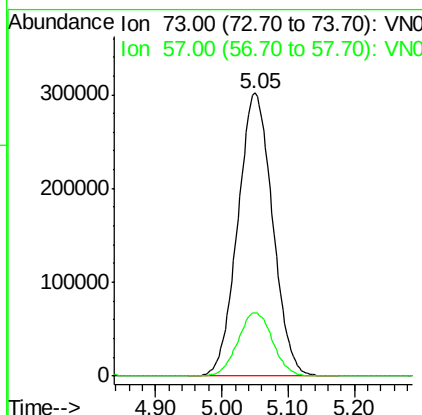
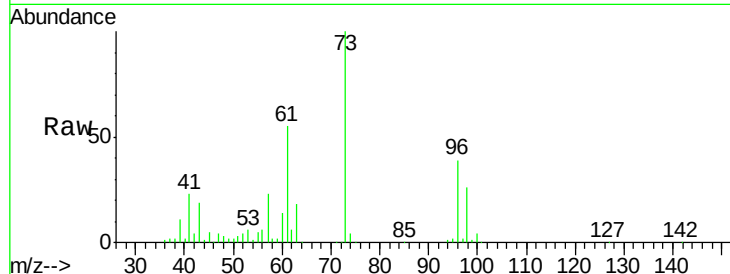




#19
Methyl tert-butyl Ether
Concen: 53.054 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

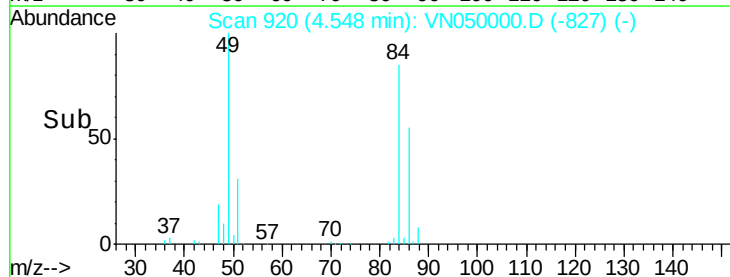
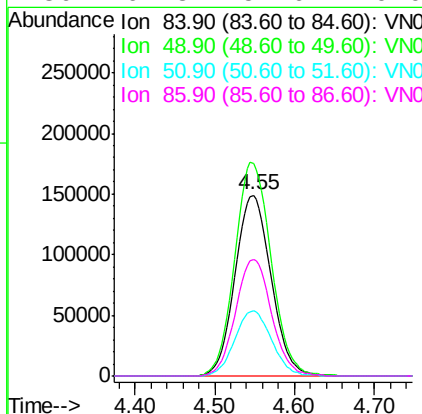
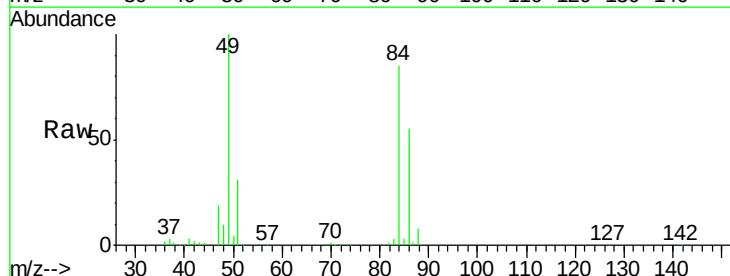
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

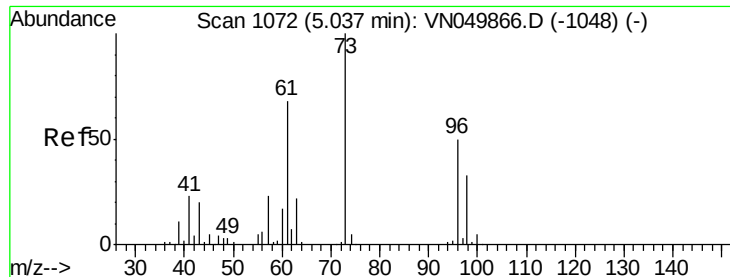
Tgt Ion: 73 Resp: 1100696
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1



#20
Methylene Chloride
Concen: 48.446 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 84 Resp: 455964
Ion Ratio Lower Upper
84 100
49 117.7 95.4 143.2
51 36.0 28.4 42.6
86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 54.781 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

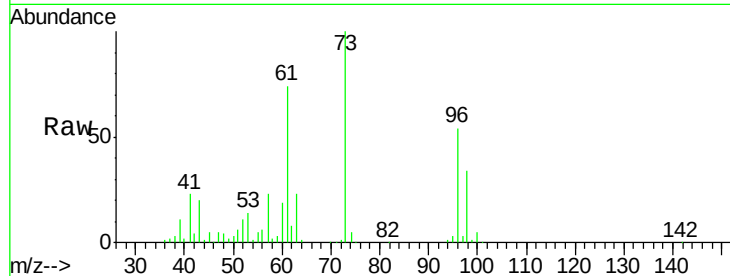
Tgt Ion: 96 Resp: 438597

Ion Ratio Lower Upper

96 100

61 137.7 109.0 163.6

98 63.8 51.1 76.7

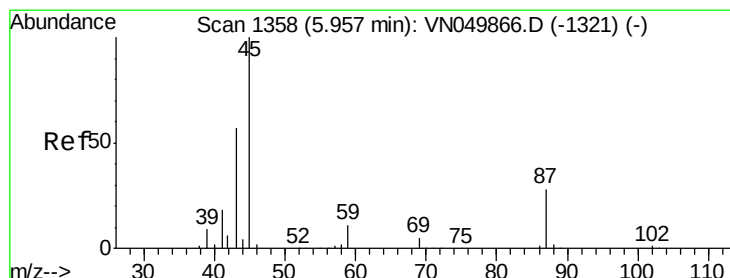
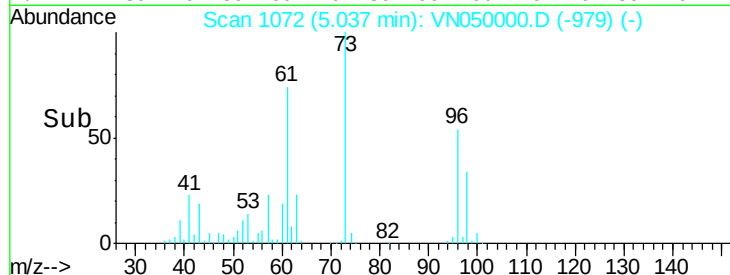
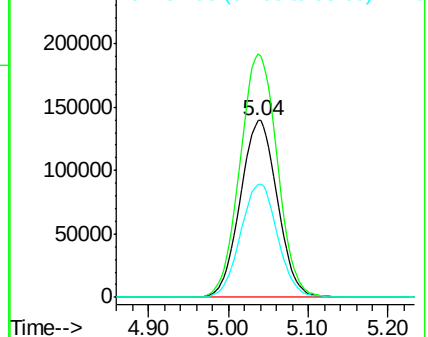


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 55.248 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion: 45 Resp: 1339982

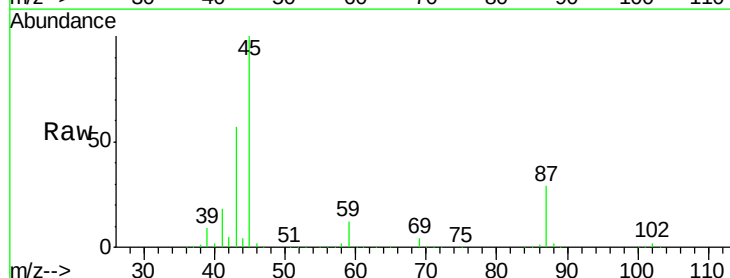
Ion Ratio Lower Upper

45 100

43 56.4 48.1 72.1

87 28.4 22.6 34.0

59 11.9 9.2 13.8



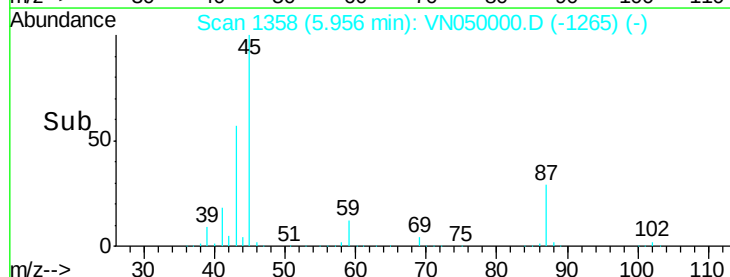
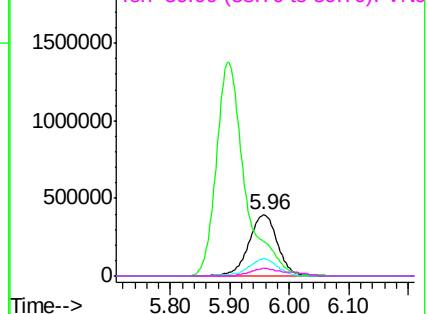
Abundance

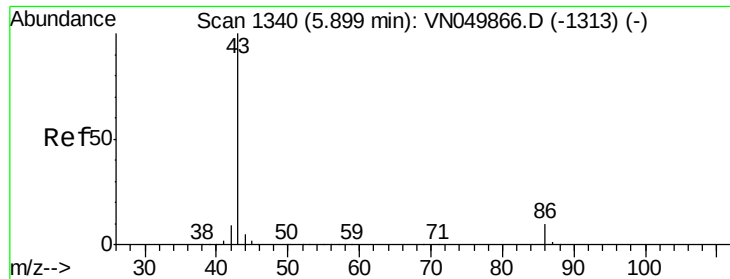
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

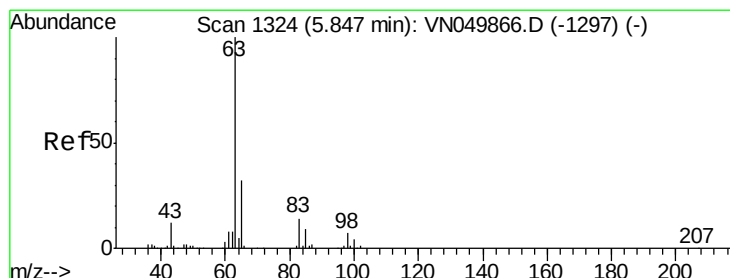
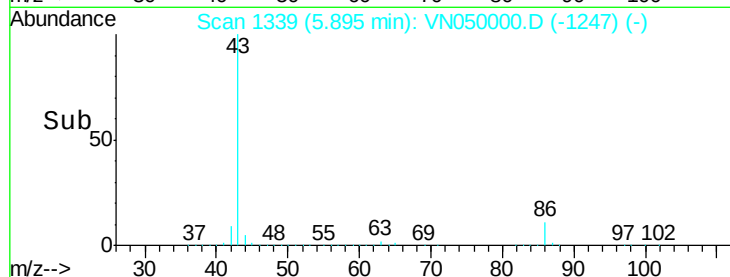
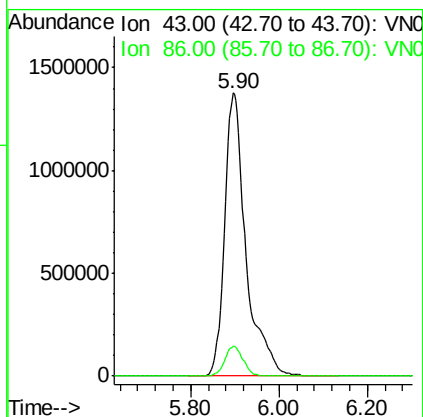
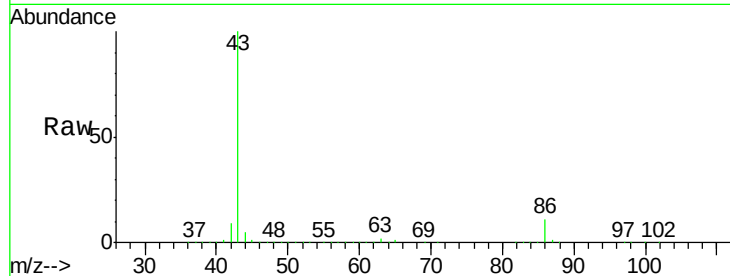




#23
 Vinyl Acetate
 Concen: 271.605 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

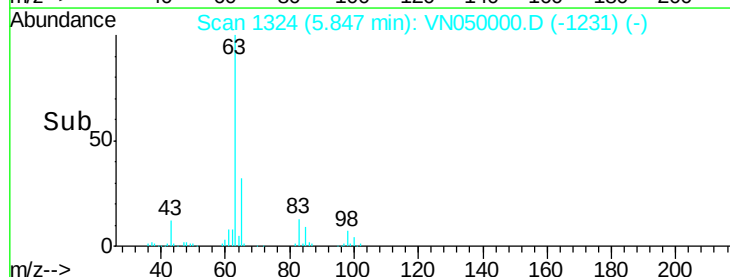
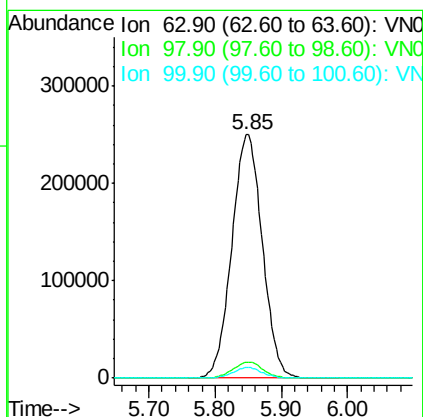
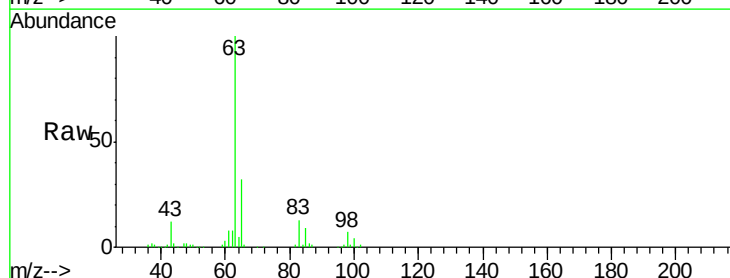
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

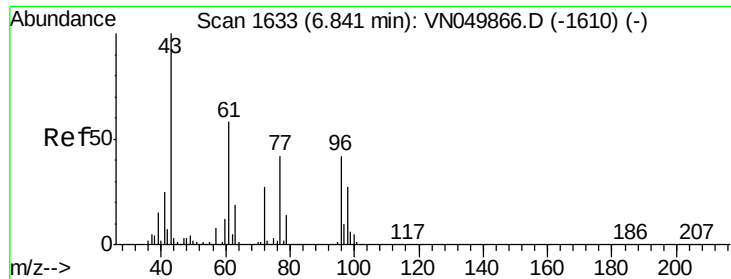
Tgt Ion: 43 Resp: 4622317
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 51.252 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 63 Resp: 798048
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 259.252 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

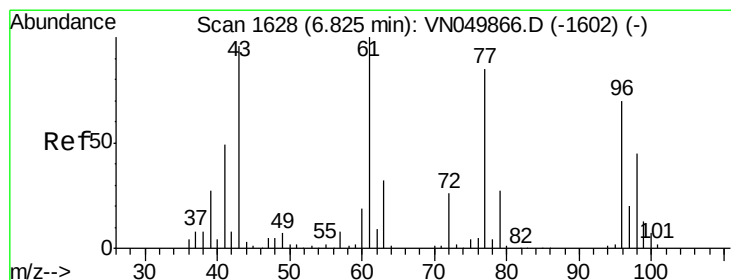
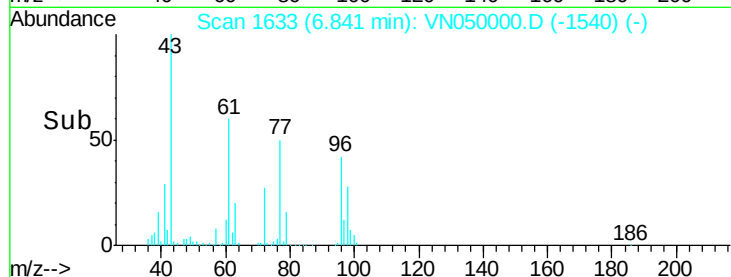
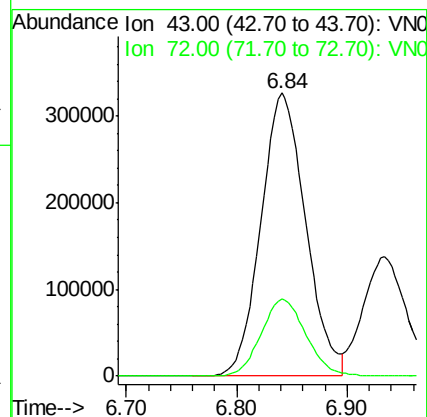
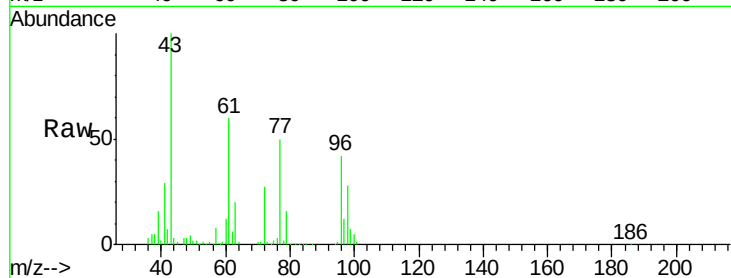
VSTDCCC050

Tgt Ion: 43 Resp: 917004

Ion Ratio Lower Upper

43 100

72 27.2 22.1 33.1



#26

2,2-Dichloropropane

Concen: 56.521 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050000.D

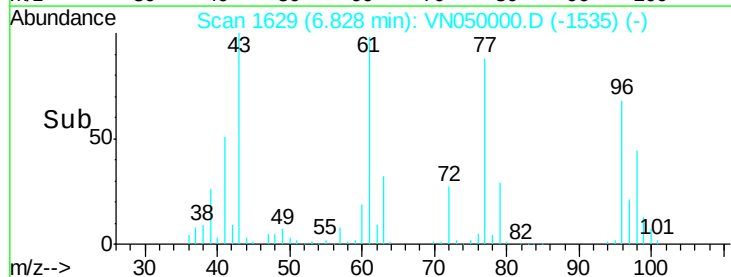
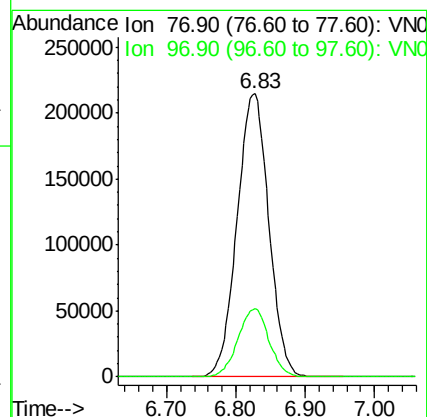
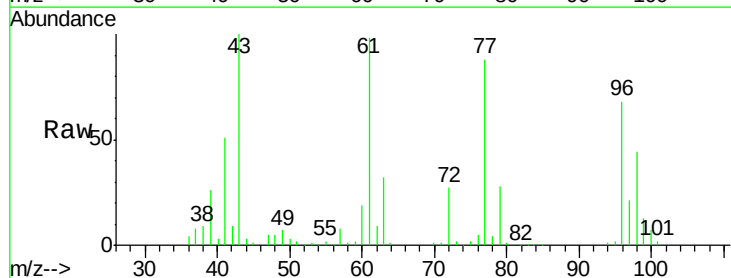
Acq: 23 Jul 2018 9:01

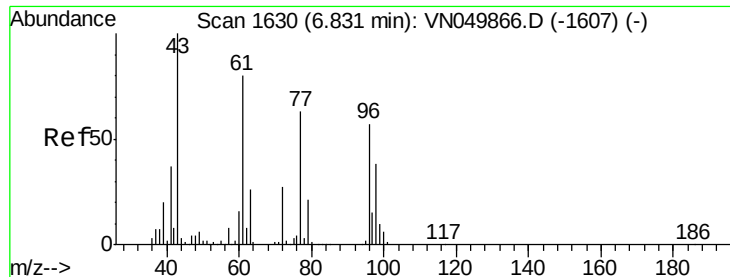
Tgt Ion: 77 Resp: 684797

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5

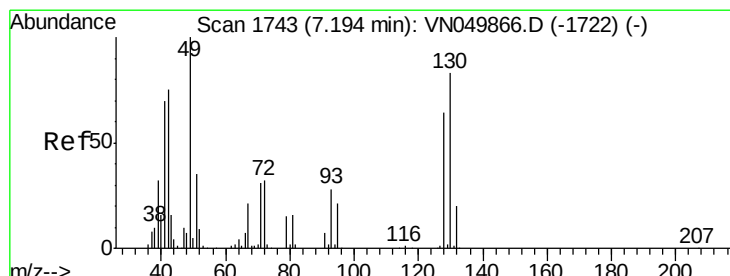
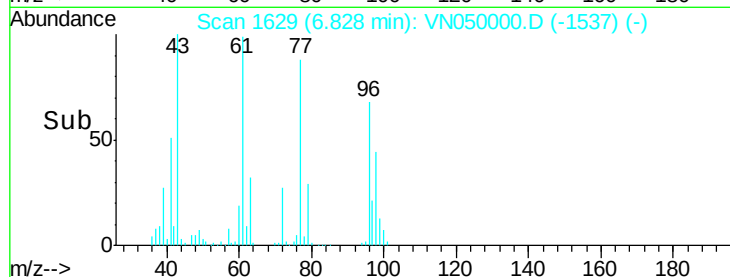
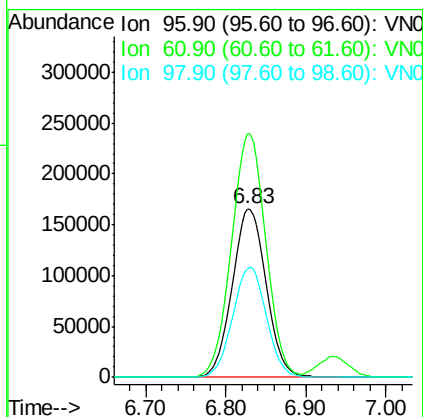
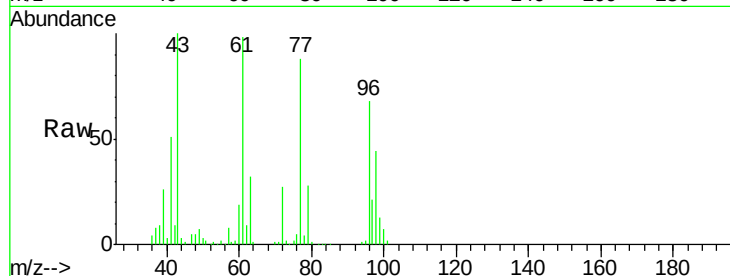




#27
 cis-1,2-Dichloroethene
 Concen: 54.166 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

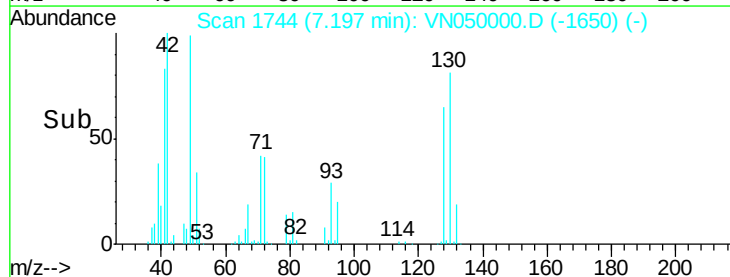
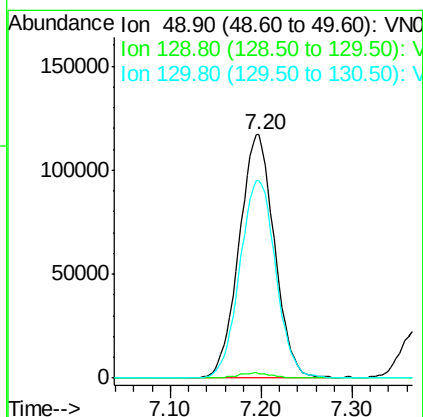
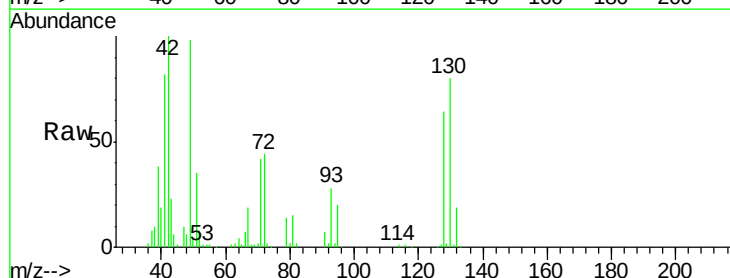
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

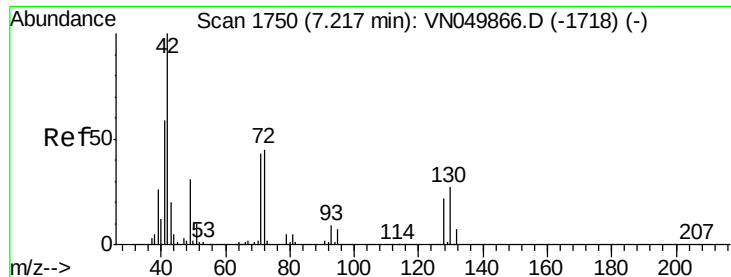
Tgt Ion: 96 Resp: 475883
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 289.0
 98 65.2 0.0 130.2



#28
 Bromochloromethane
 Concen: 45.001 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 49 Resp: 316461
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 82.5 65.5 98.3

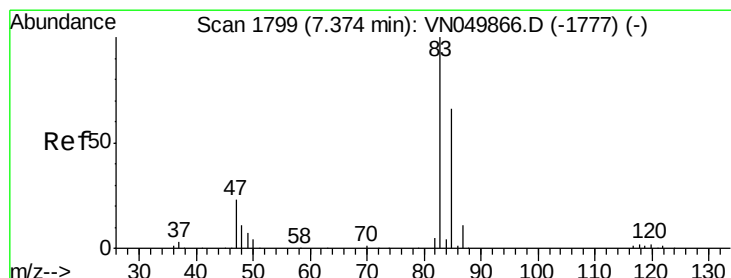
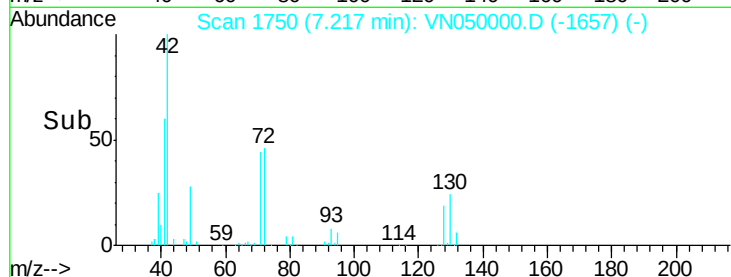
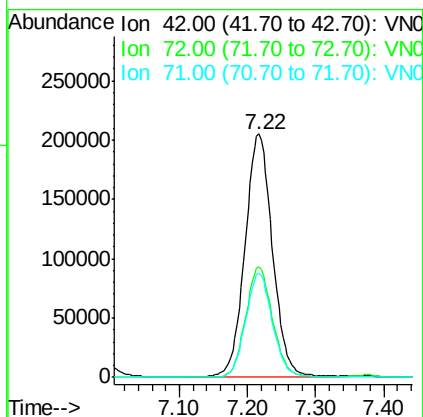
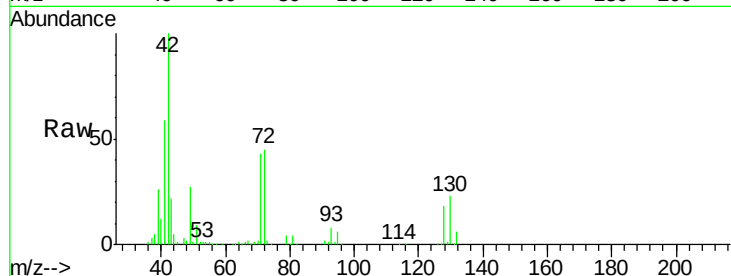




#29
Tetrahydrofuran
Concen: 257.623 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

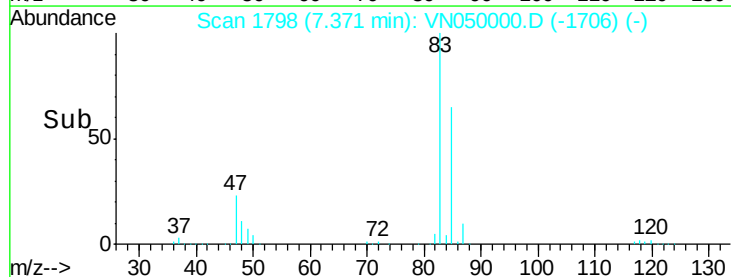
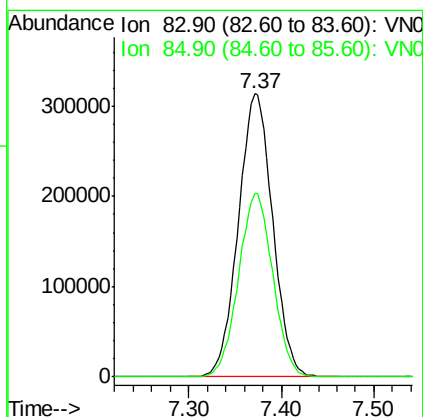
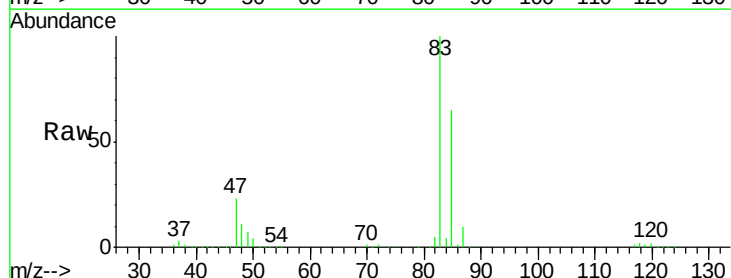
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

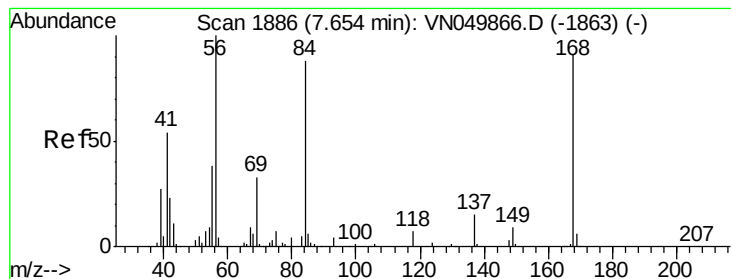
Tgt Ion: 42 Resp: 574038
Ion Ratio Lower Upper
42 100
72 44.6 35.6 53.4
71 41.7 34.0 51.0



#30
Chloroform
Concen: 50.350 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 83 Resp: 804845
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2





#31

Cyclohexane

Concen: 56.990 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

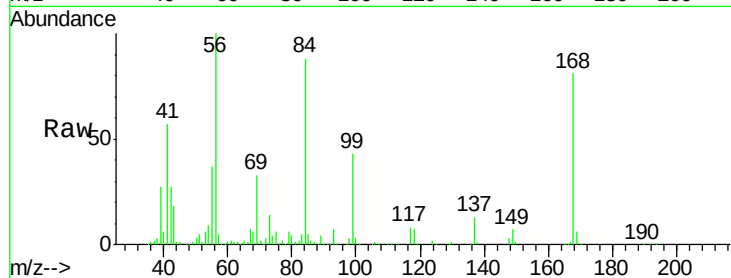
Tgt Ion: 56 Resp: 722209

Ion Ratio Lower Upper

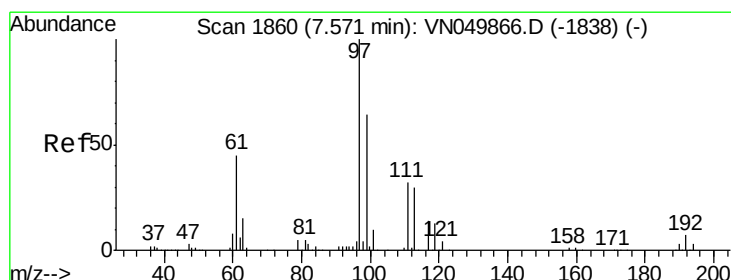
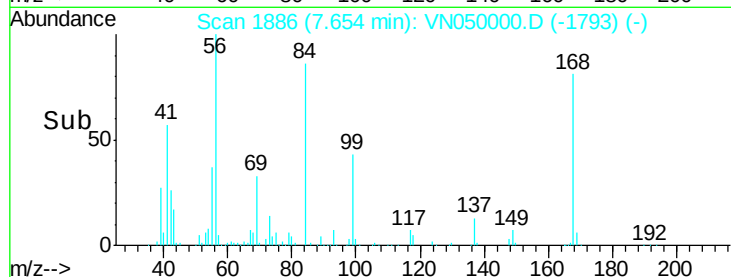
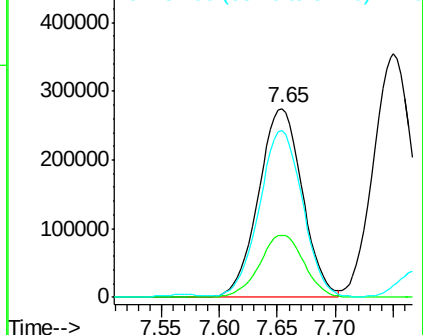
56 100

69 32.7 26.6 40.0

84 87.1 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.720 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

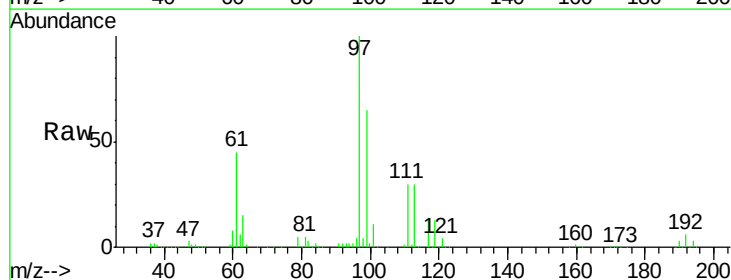
Tgt Ion: 97 Resp: 700759

Ion Ratio Lower Upper

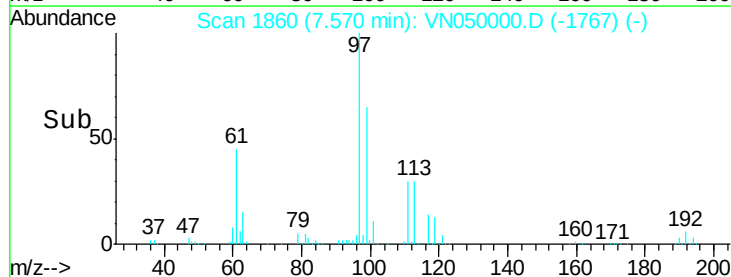
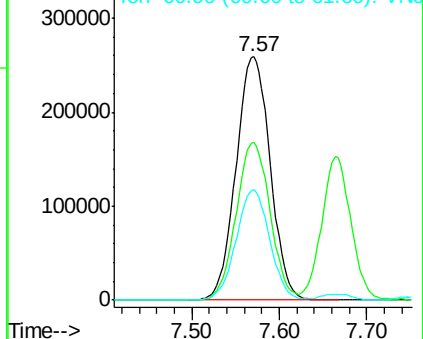
97 100

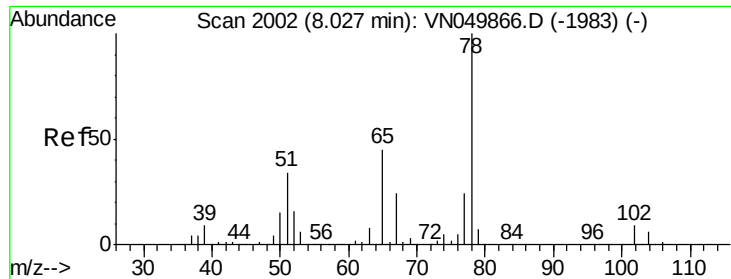
99 64.5 51.0 76.4

61 44.6 35.5 53.3



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

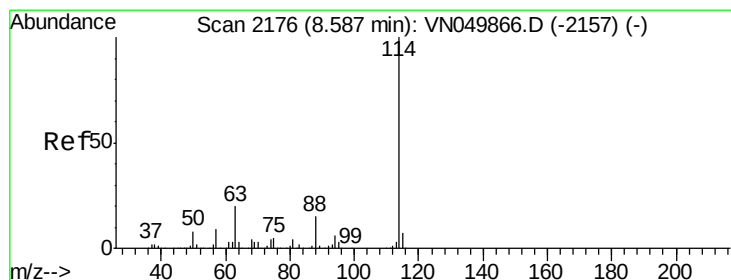
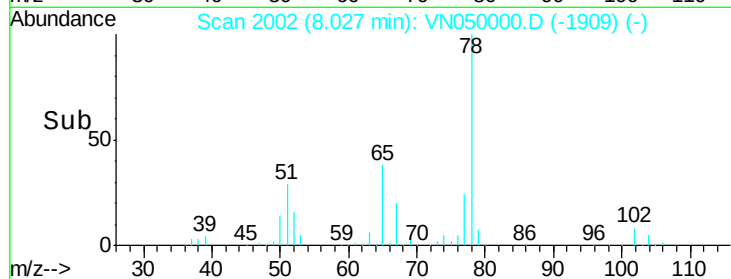
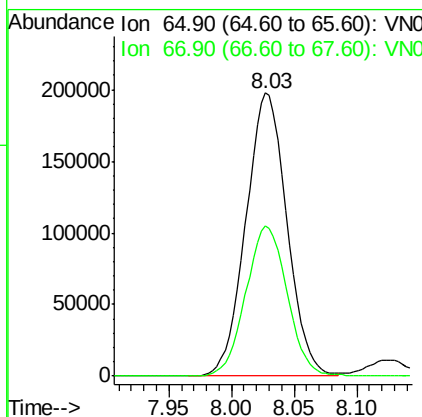
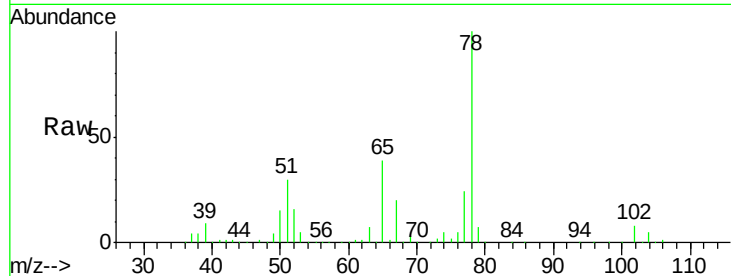




#33
 1,2-Dichloroethane-d4
 Concen: 47.173 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

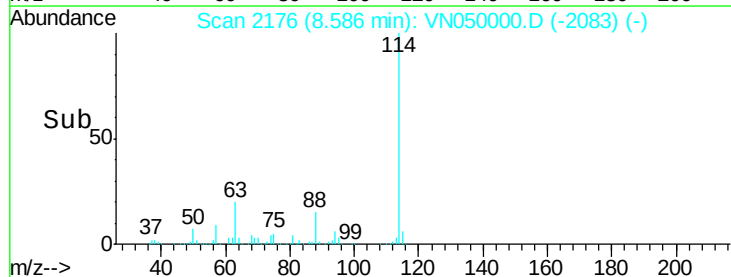
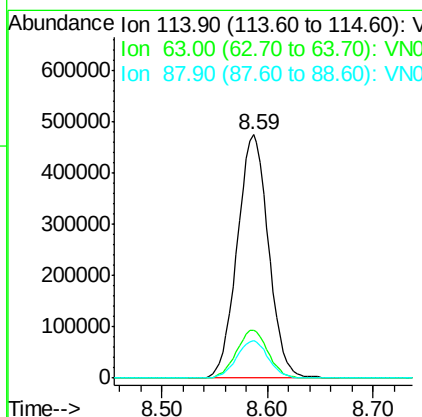
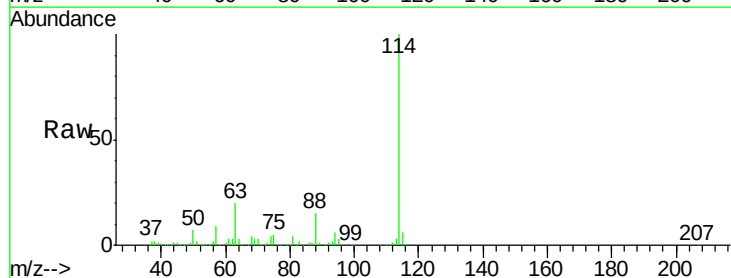
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

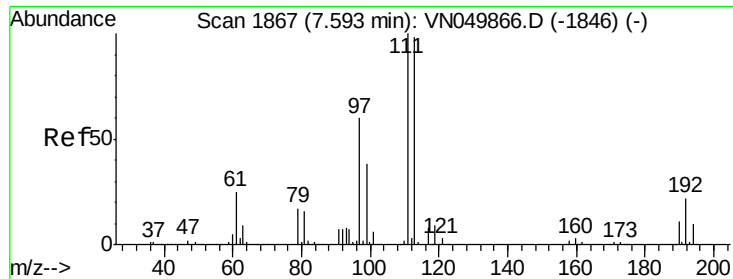
Tgt Ion: 65 Resp: 450929
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 114 Resp: 975981
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.4 0.0 30.6

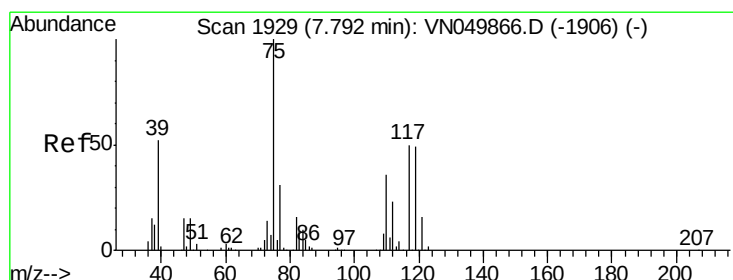
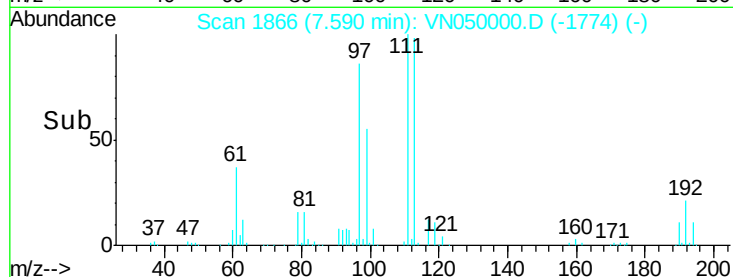
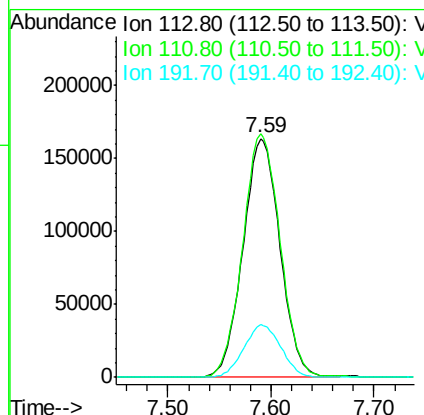
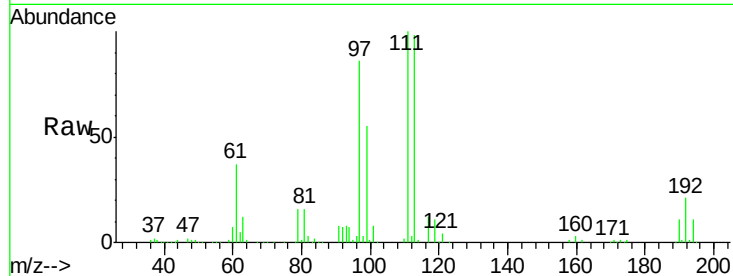




#35
 Dibromofluoromethane
 Concen: 49.773 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

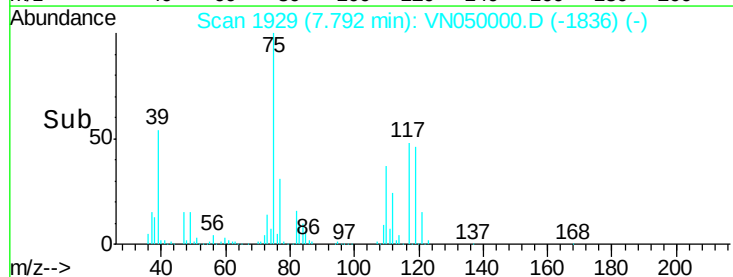
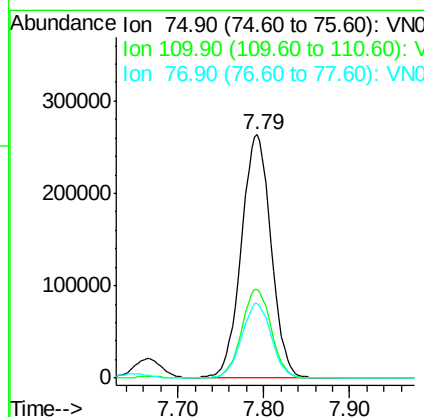
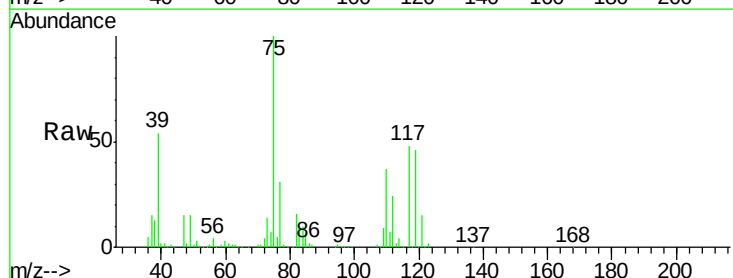
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

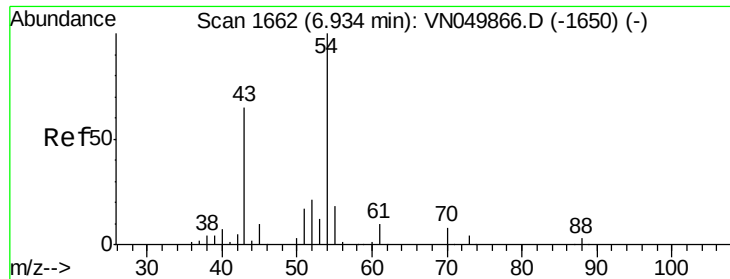
Tgt Ion: 113 Resp: 407815
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.8
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 58.213 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 75 Resp: 631714
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.1 54.4
 77 30.6 24.9 37.3

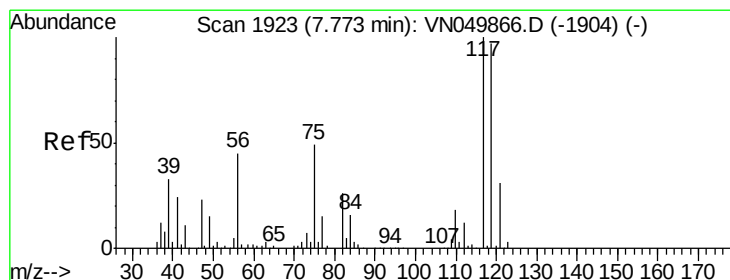
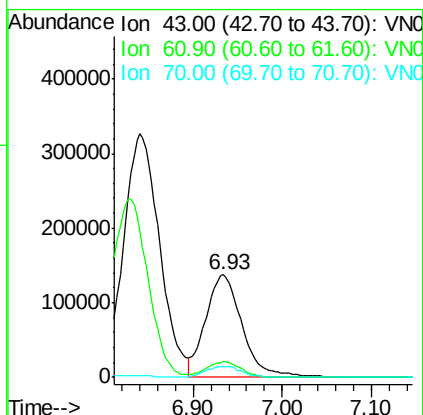
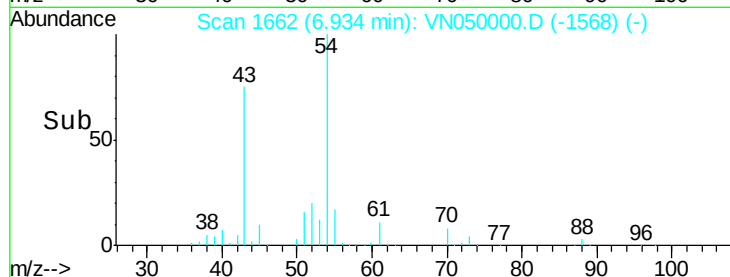
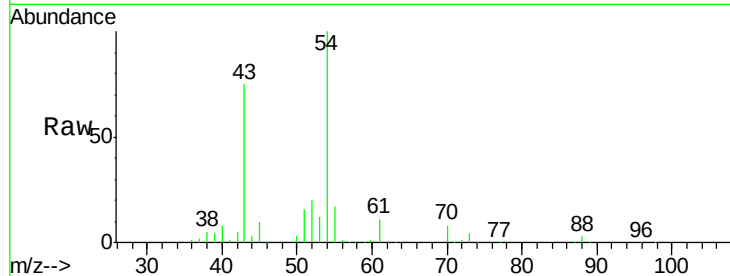




#37
Ethyl Acetate
Concen: 51.352 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

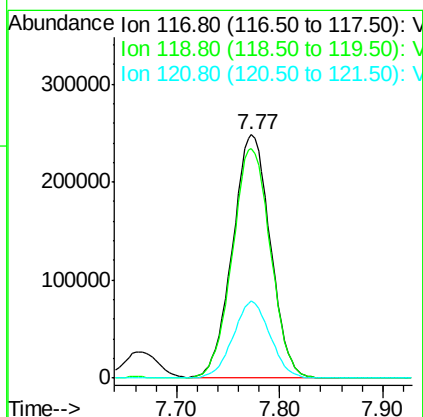
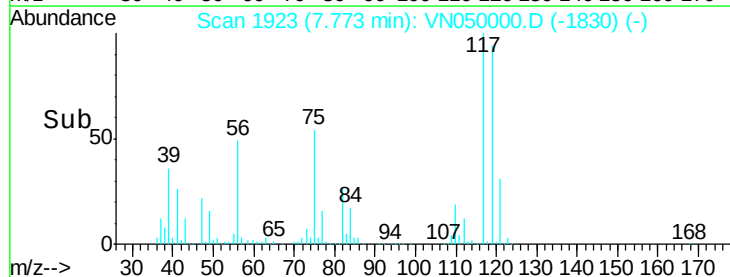
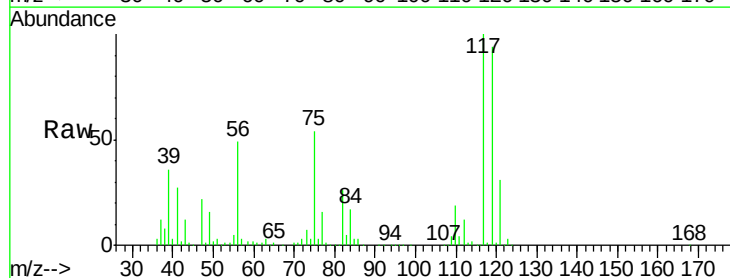
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

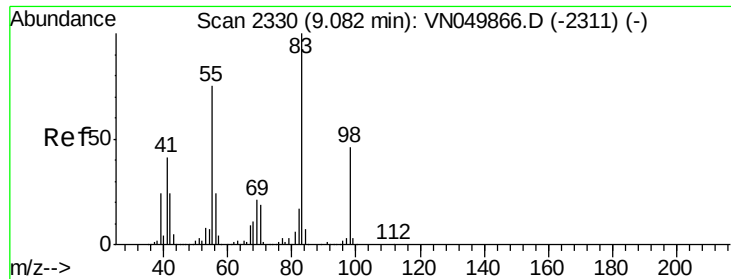
Tgt Ion: 43 Resp: 382655
Ion Ratio Lower Upper
43 100
61 14.5 11.7 17.5
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 54.439 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 117 Resp: 632805
Ion Ratio Lower Upper
117 100
119 94.2 77.2 115.8
121 31.5 25.0 37.6

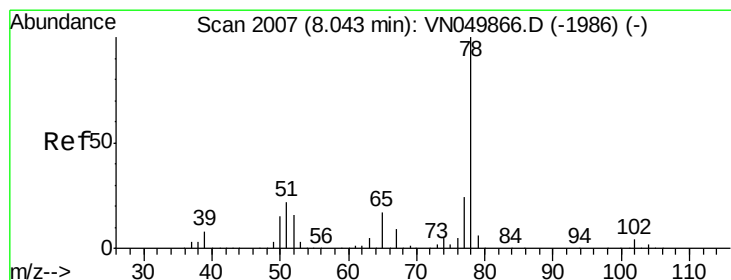
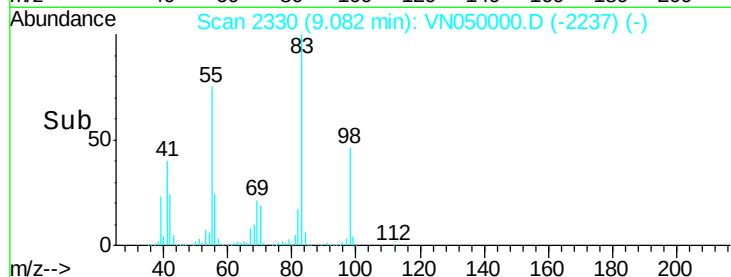
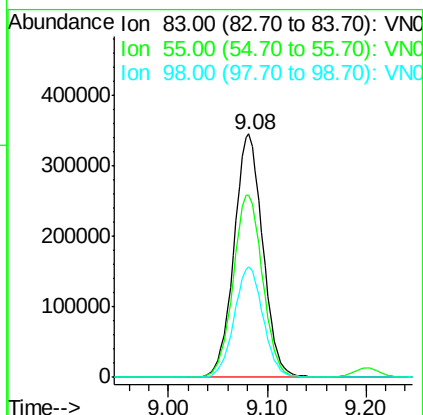
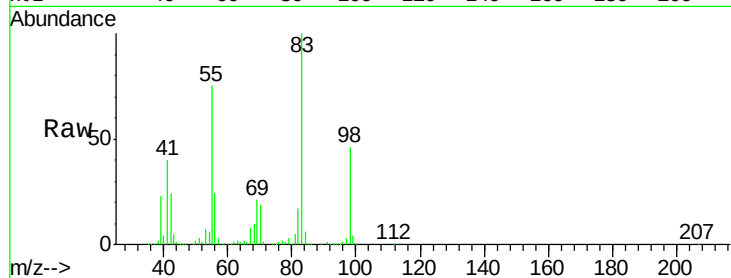




#39
Methylcyclohexane
Concen: 62.297 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

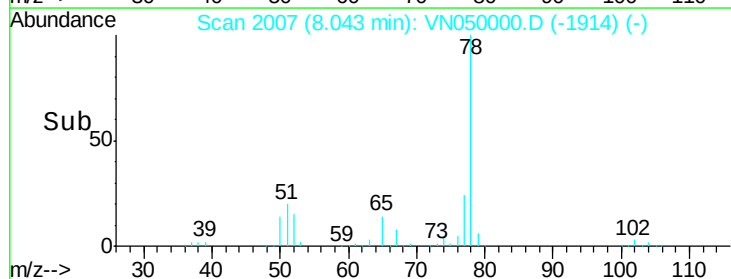
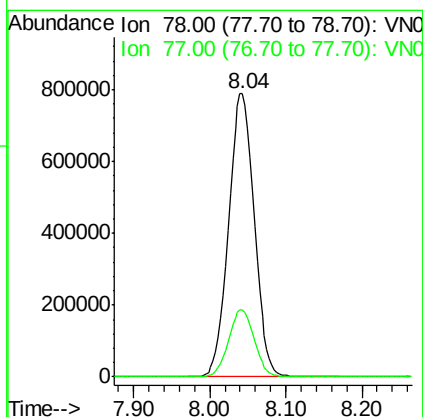
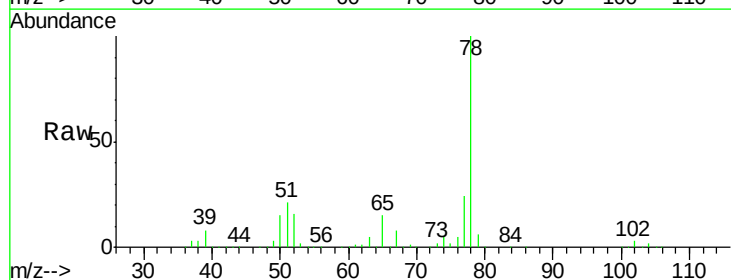
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

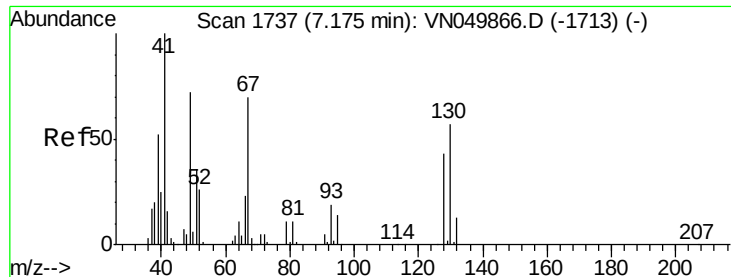
Tgt Ion: 83 Resp: 698383
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 45.5 36.5 54.7



#40
Benzene
Concen: 55.997 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 78 Resp: 1852126
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

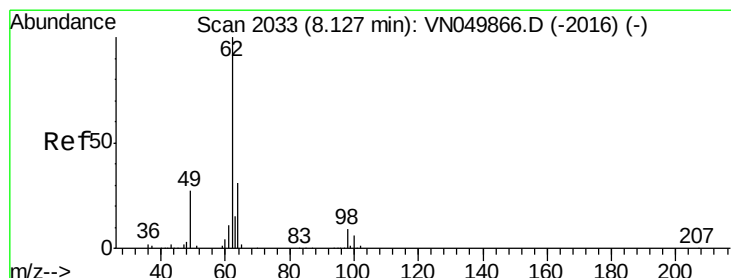
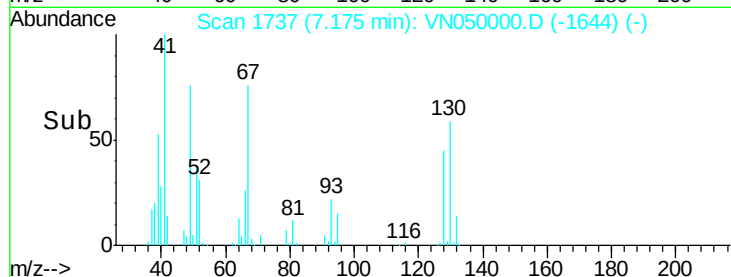
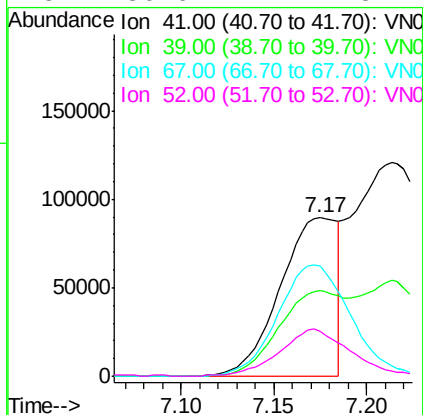
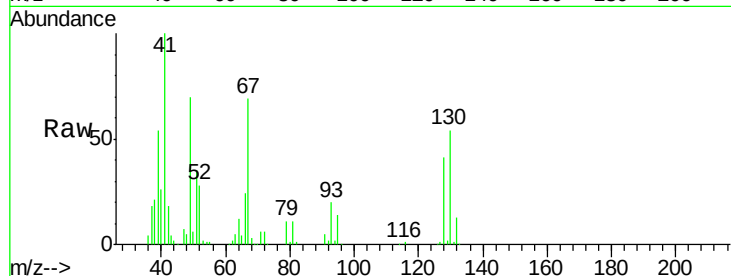




#41
Methacrylonitrile
Concen: 51.146 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

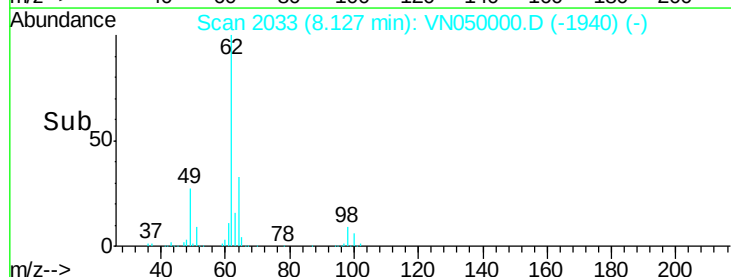
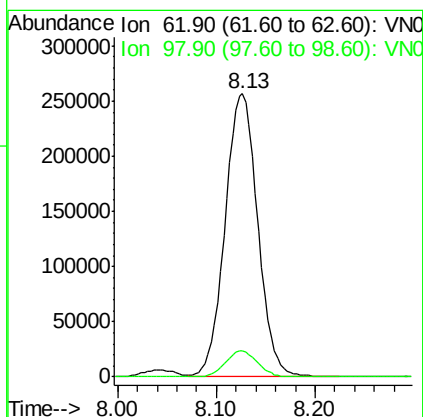
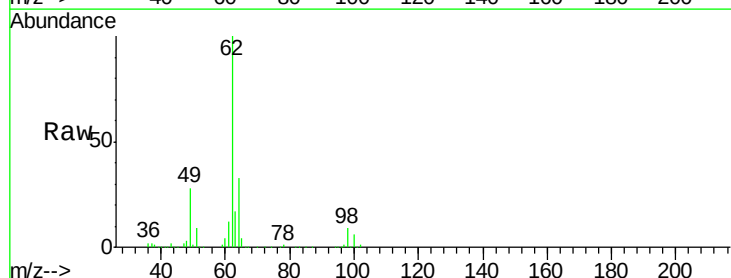
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

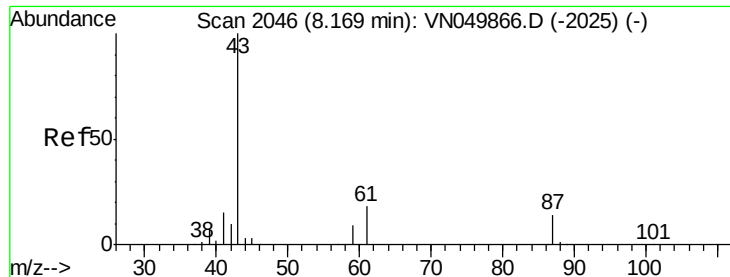
Tgt Ion:	41	Resp:	191059
Ion	Ratio	Lower	Upper
41	100		
39	63.4	45.4	68.2
67	91.2	65.4	98.0
52	36.6	24.7	37.1



#42
1,2-Dichloroethane
Concen: 53.749 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion:	62	Resp:	588816
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0





#43

Isopropyl Acetate

Concen: 53.717 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

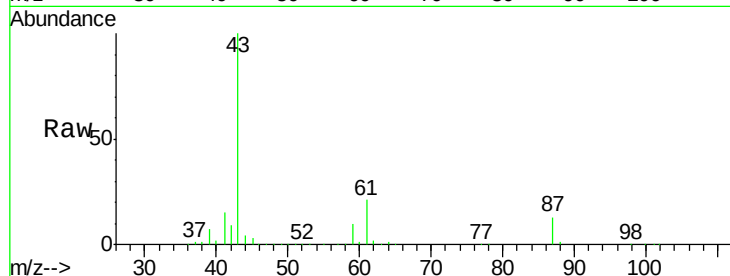
Tgt Ion: 43 Resp: 699337

Ion Ratio Lower Upper

43 100

61 19.8 14.9 22.3

87 13.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)

8.17

400000

300000

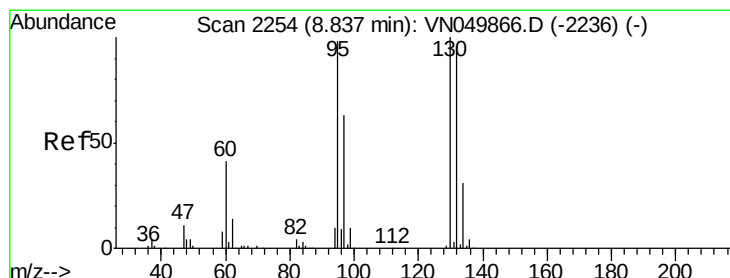
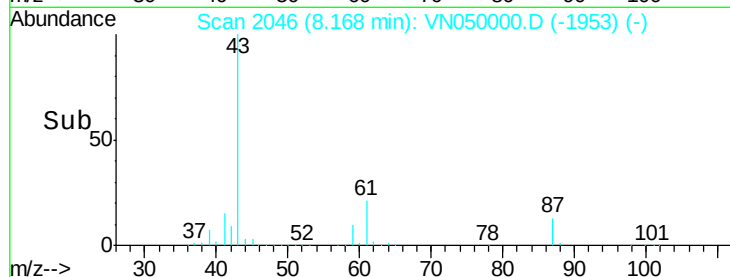
200000

100000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 55.915 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050000.D

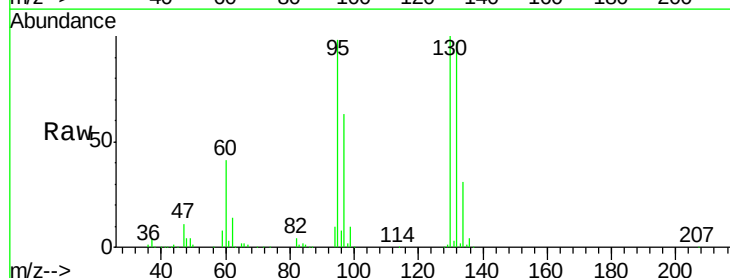
Acq: 23 Jul 2018 9:01

Tgt Ion: 130 Resp: 484926

Ion Ratio Lower Upper

130 100

95 98.0 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049866.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049866.D (-2236) (-)

8.84

250000

200000

150000

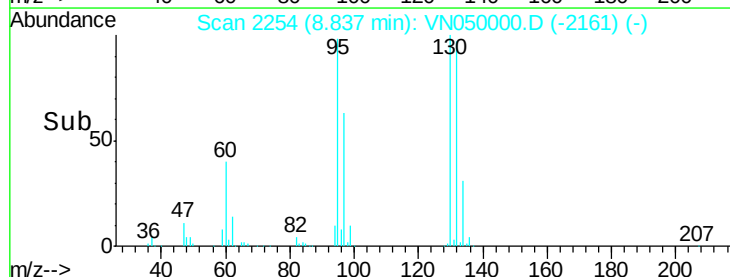
100000

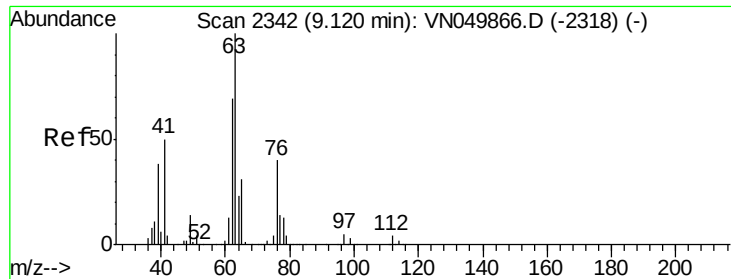
50000

0

8.70 8.80 8.90 9.00

Time-->

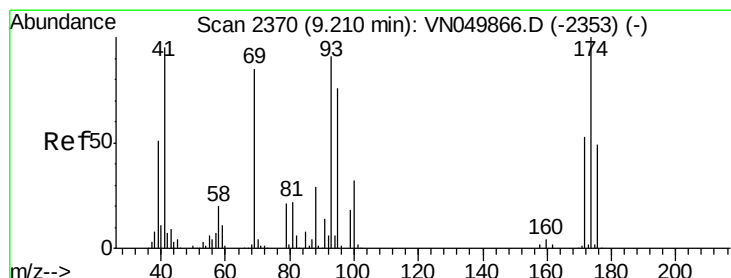
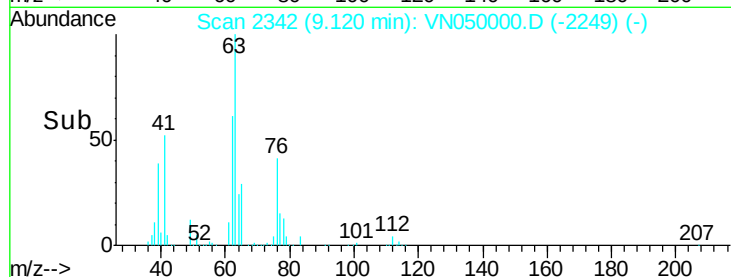
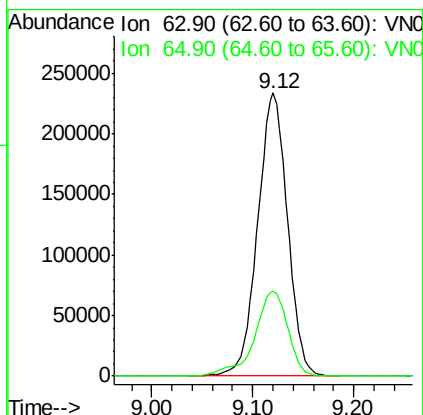
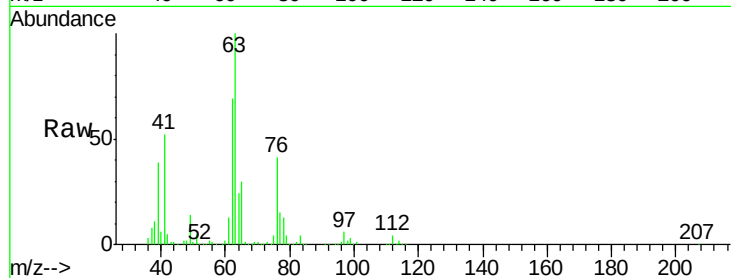




#45
 1,2-Dichloropropane
 Concen: 53.687 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

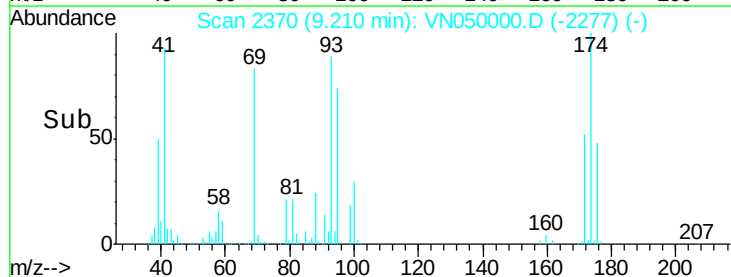
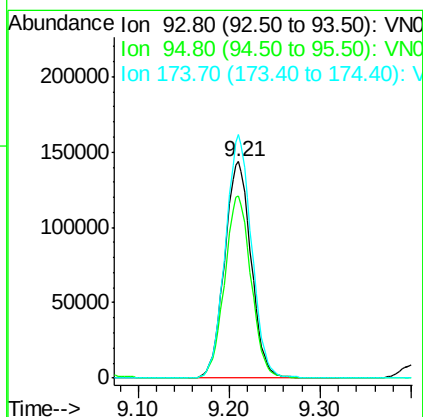
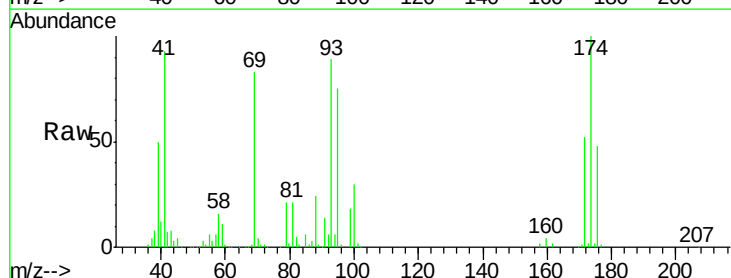
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

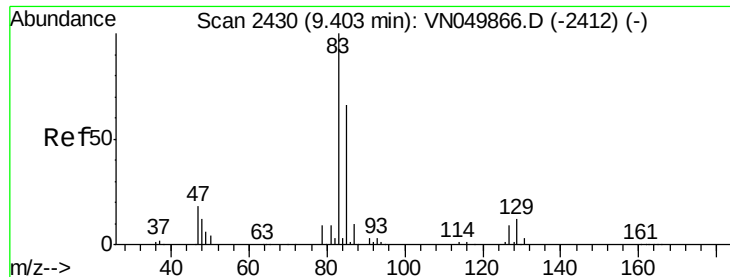
Tgt Ion: 63 Resp: 479019
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 52.860 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 93 Resp: 292506
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.9 101.9
 174 110.3 89.4 134.0





#47

Bromodichloromethane

Concen: 54.192 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

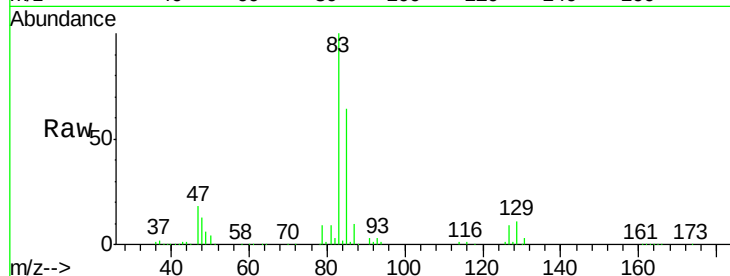
Tgt Ion: 83 Resp: 620174

Ion Ratio Lower Upper

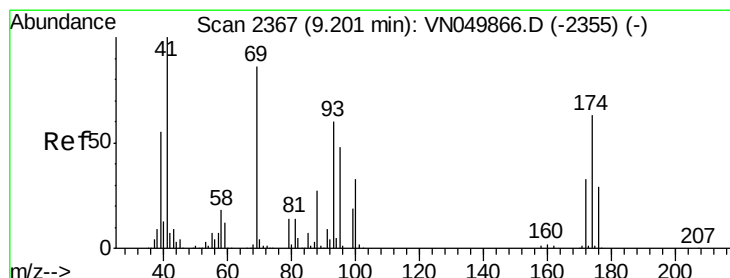
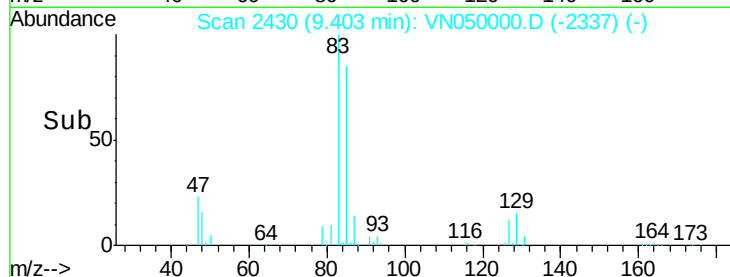
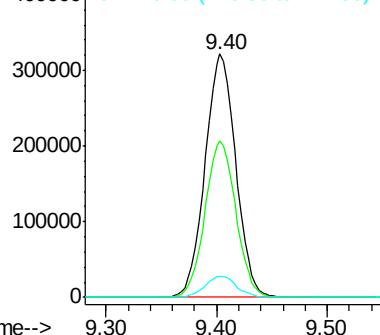
83 100

85 64.3 50.5 75.7

127 8.8 6.8 10.2



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



#48

Methyl methacrylate

Concen: 55.506 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

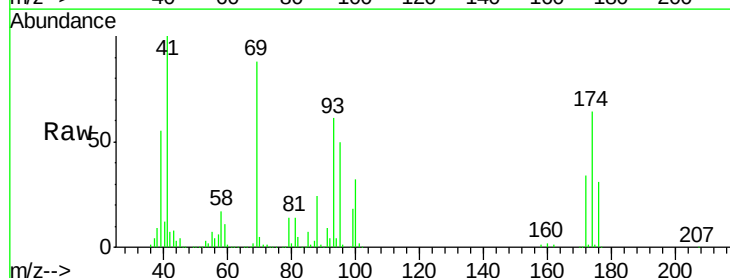
Tgt Ion: 41 Resp: 362487

Ion Ratio Lower Upper

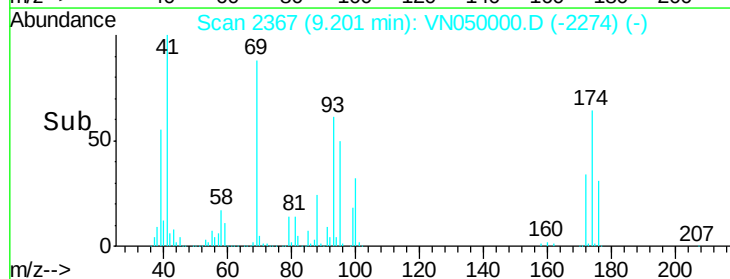
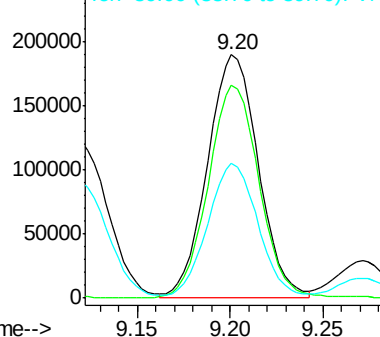
41 100

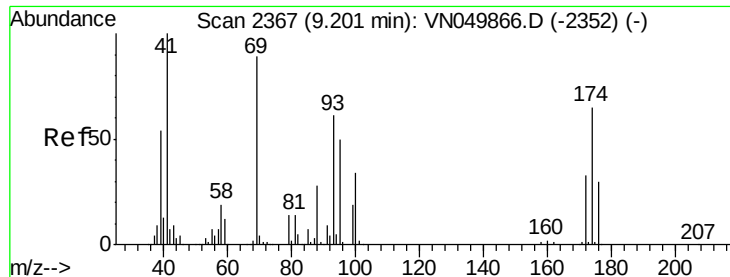
69 88.0 71.5 107.3

39 55.1 44.7 67.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

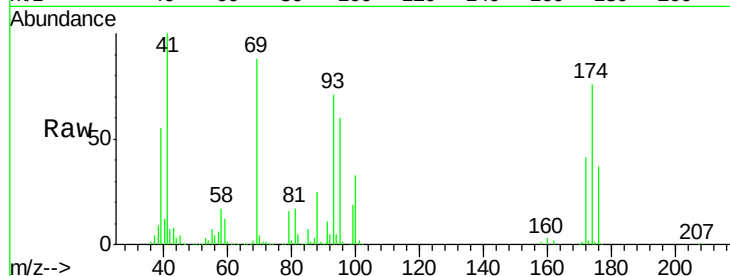




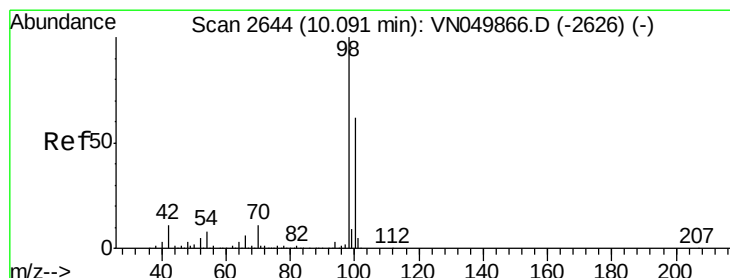
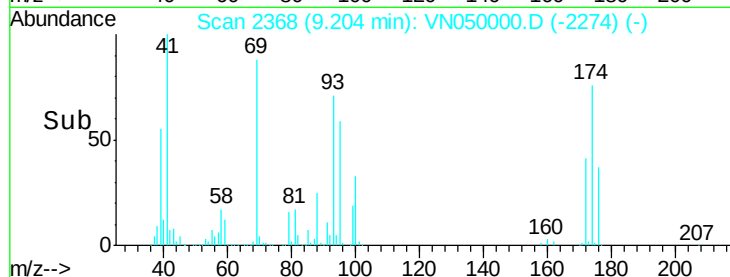
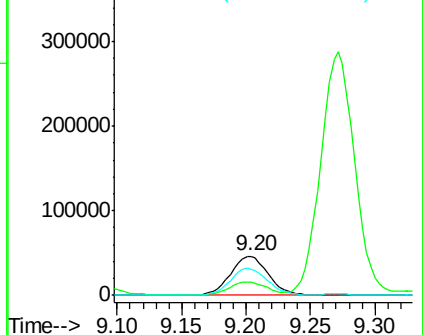
#49
1,4-Dioxane
Concen: 1006.984 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 93288
Ion Ratio Lower Upper
88 100
43 33.1 25.1 37.7
58 69.2 52.5 78.7

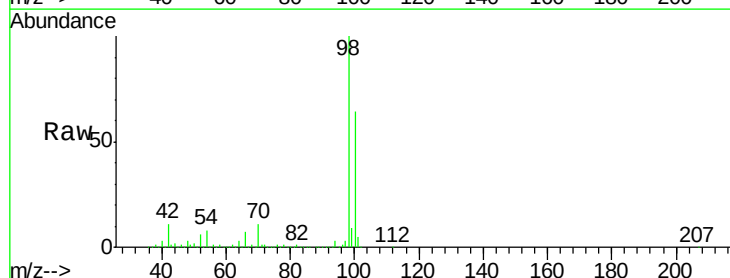


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

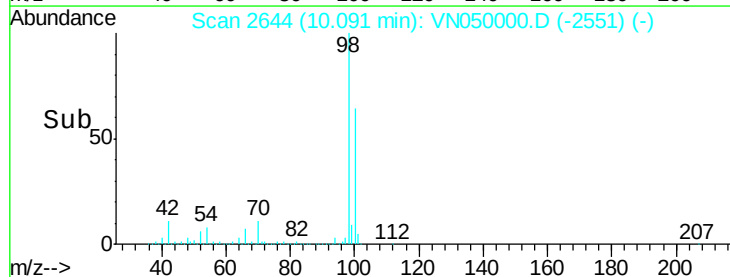
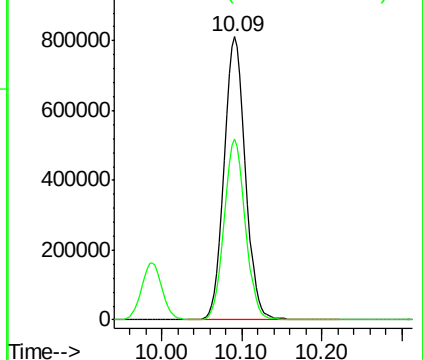


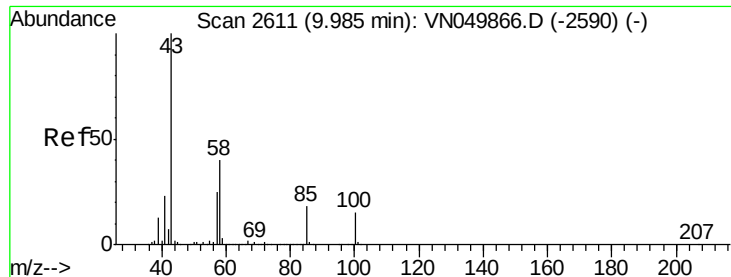
#50
Toluene-d8
Concen: 49.855 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 98 Resp: 1488321
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 268.616 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

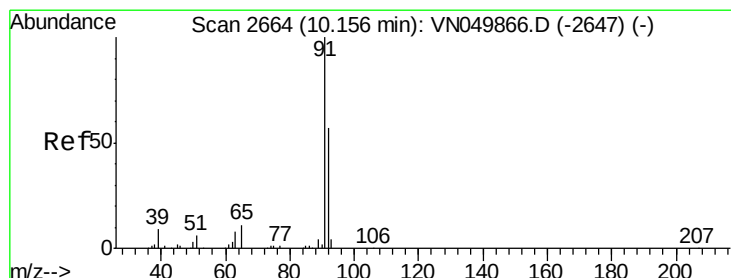
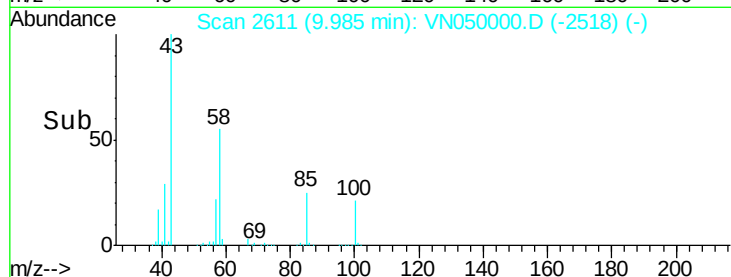
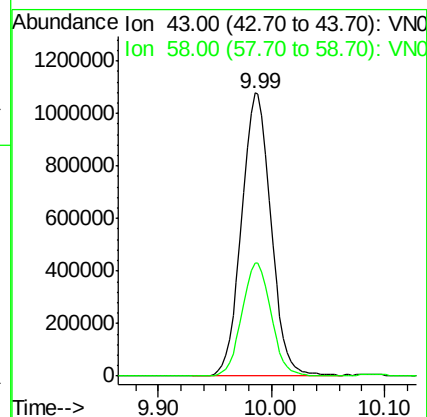
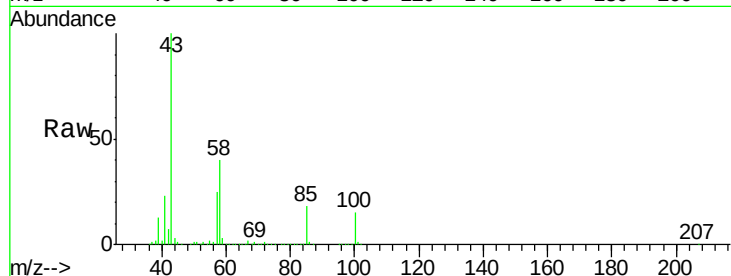
VSTDCCC050

Tgt Ion: 43 Resp: 1954869

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8



#52

Toluene

Concen: 58.238 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050000.D

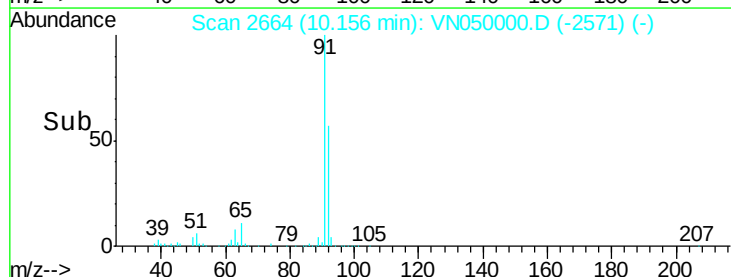
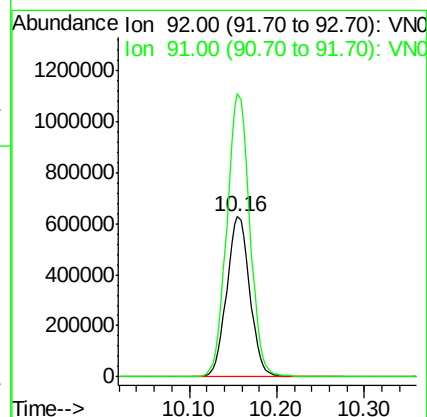
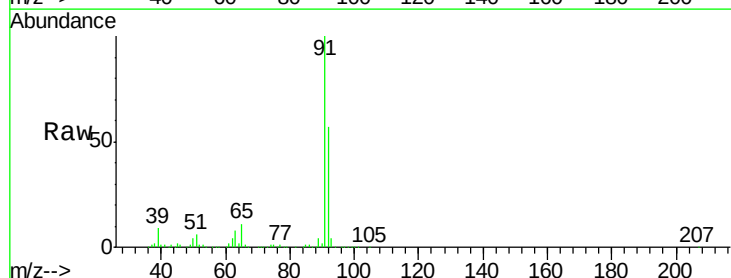
Acq: 23 Jul 2018 9:01

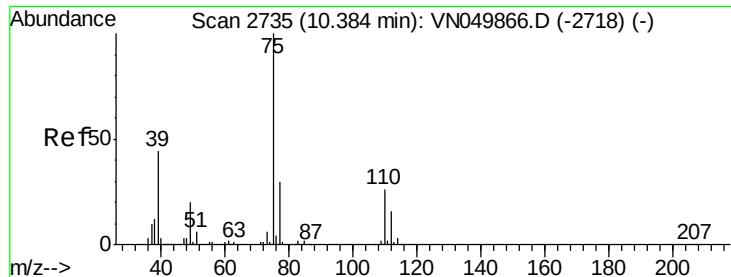
Tgt Ion: 92 Resp: 1148995

Ion Ratio Lower Upper

92 100

91 175.8 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 56.413 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

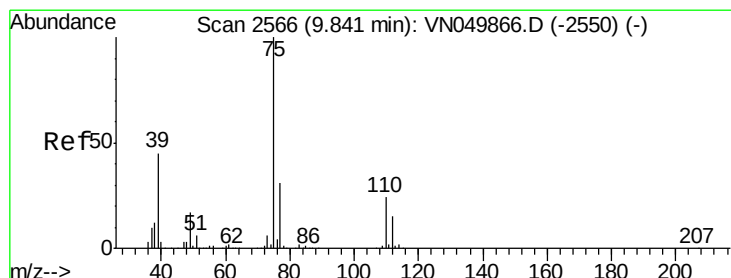
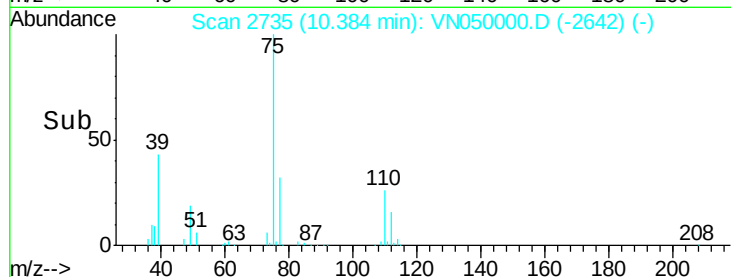
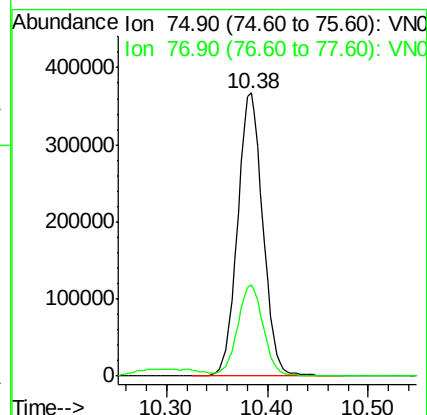
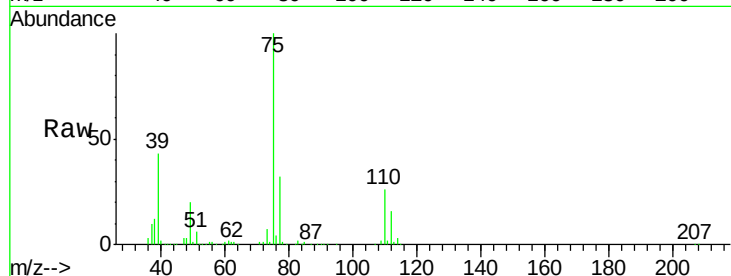
VSTDCCC050

Tgt Ion: 75 Resp: 638330

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 58.126 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

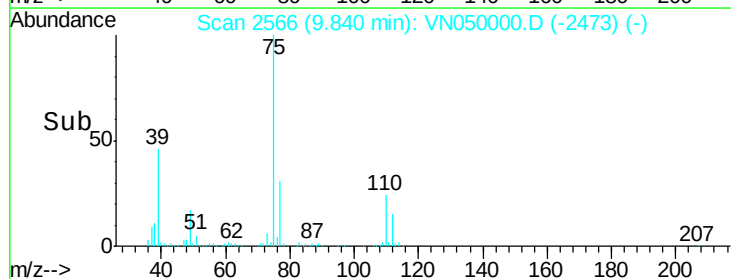
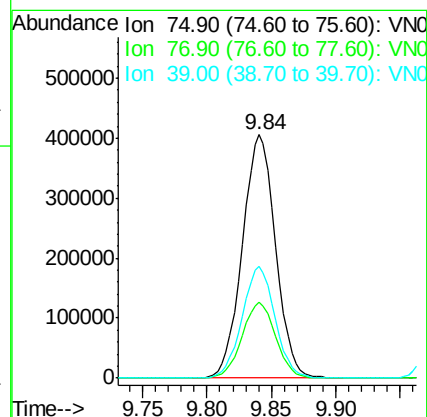
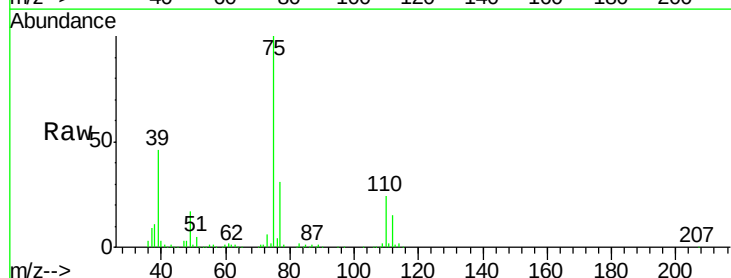
Tgt Ion: 75 Resp: 726921

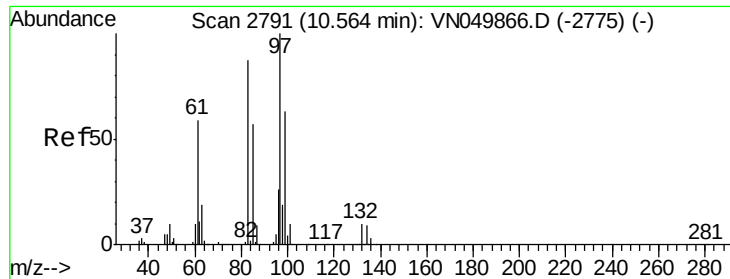
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 45.7 35.5 53.3

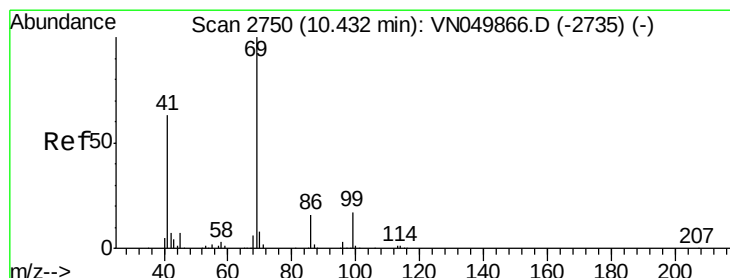
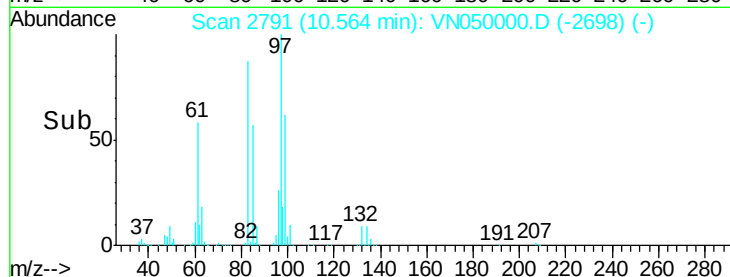
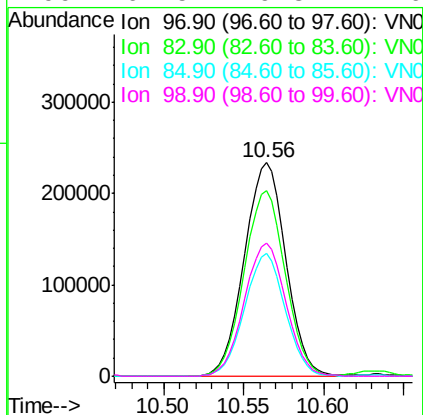
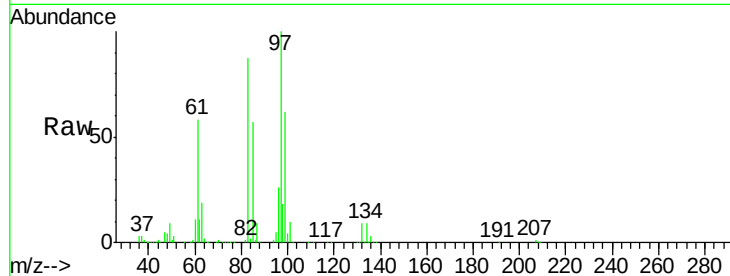




#55
 1,1,2-Trichloroethane
 Concen: 50.869 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

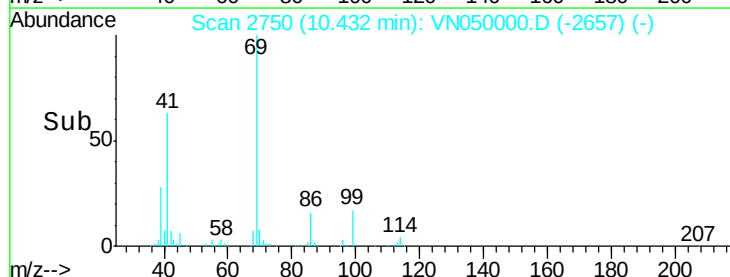
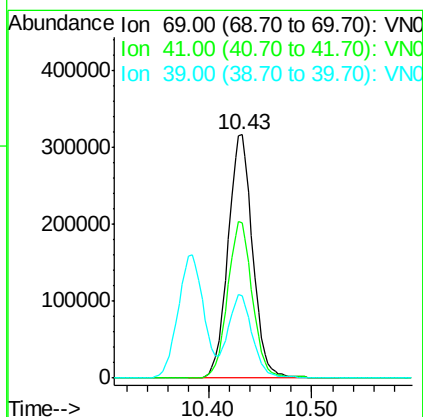
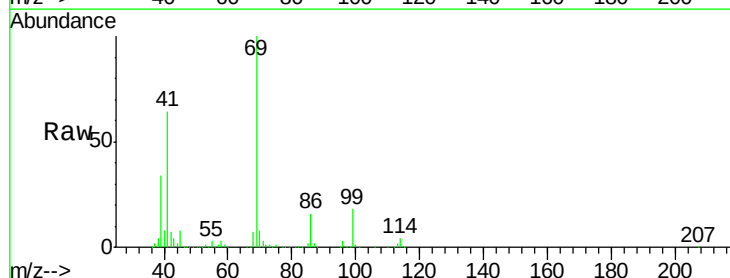
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

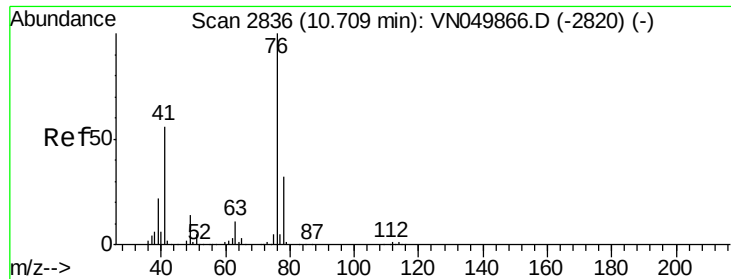
Tgt Ion: 97 Resp: 414608
 Ion Ratio Lower Upper
 97 100
 83 87.2 69.0 103.6
 85 57.4 44.9 67.3
 99 62.5 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 48.306 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 69 Resp: 527867
 Ion Ratio Lower Upper
 69 100
 41 63.5 51.6 77.4
 39 33.4 25.8 38.8

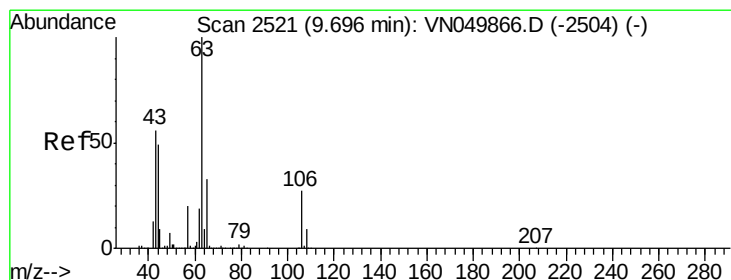
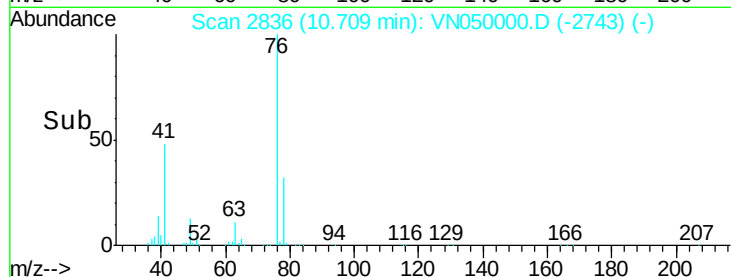
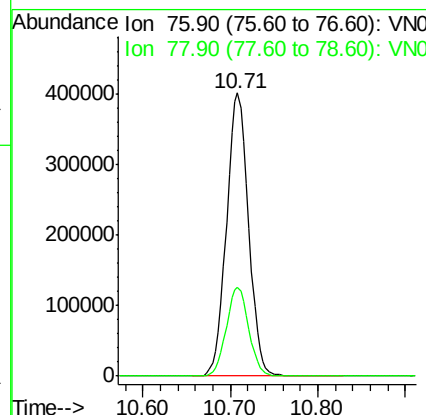
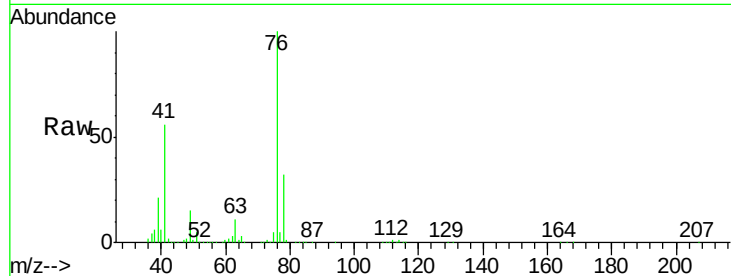




#57
 1,3-Dichloropropane
 Concen: 54.679 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

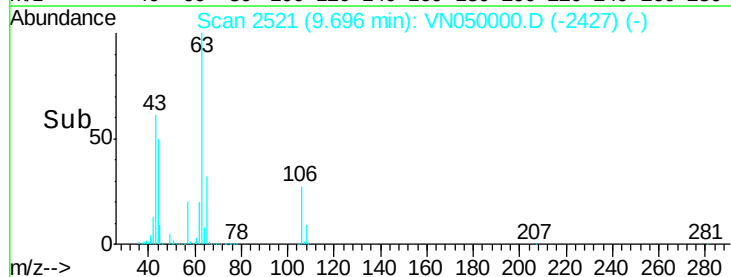
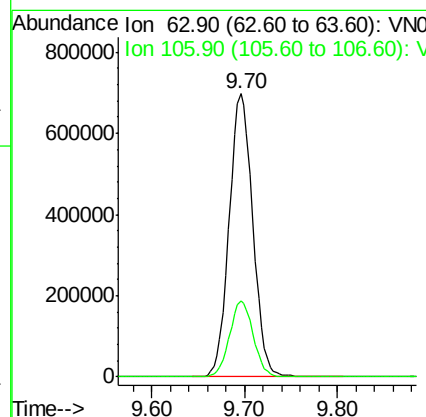
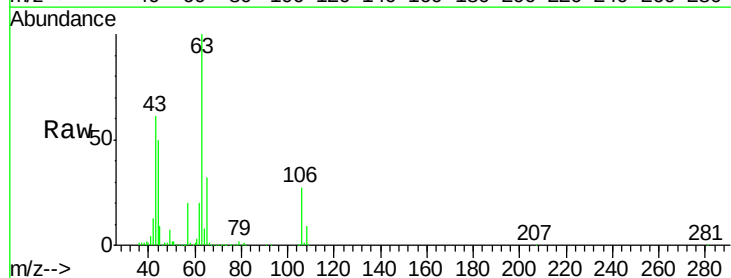
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

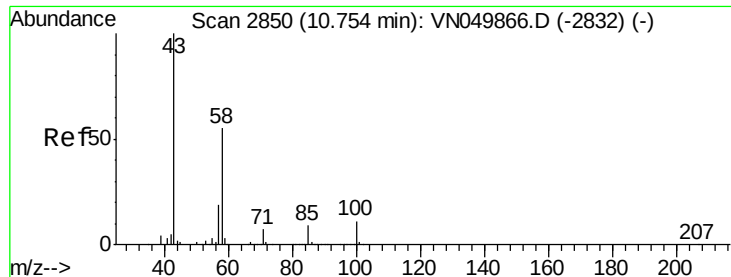
Tgt Ion: 76 Resp: 701827
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.738 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 63 Resp: 1231564
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8

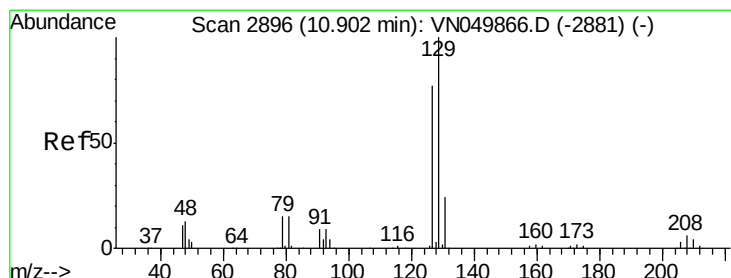
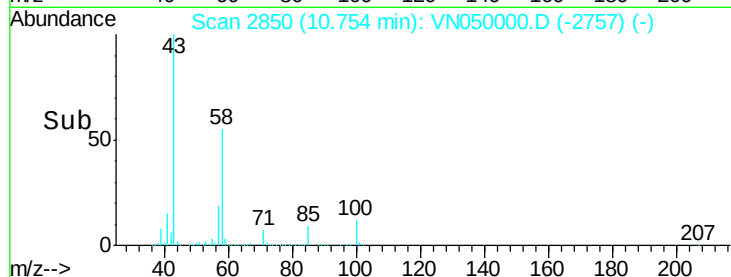
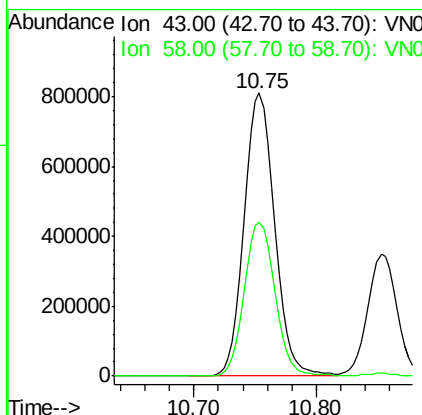
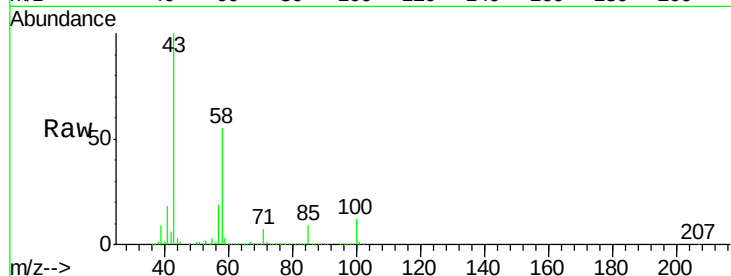




#59
2-Hexanone
Concen: 284.430 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

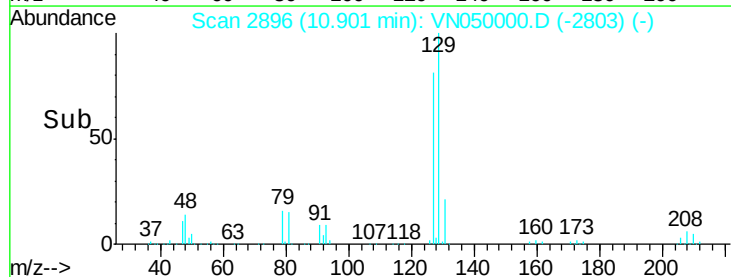
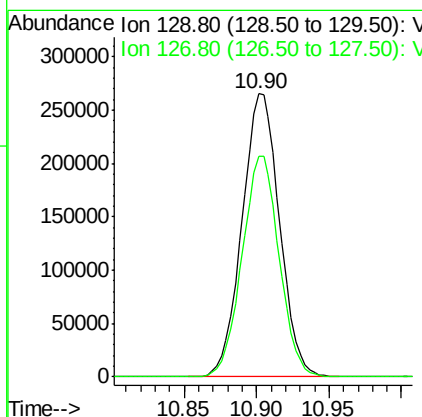
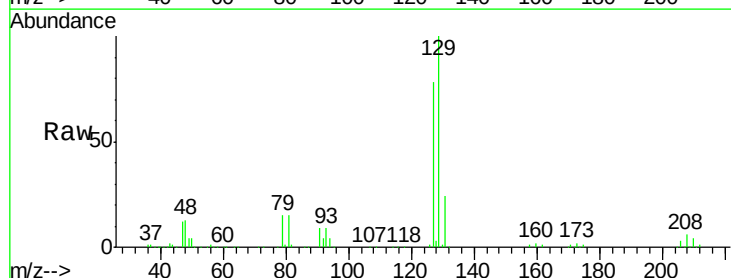
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

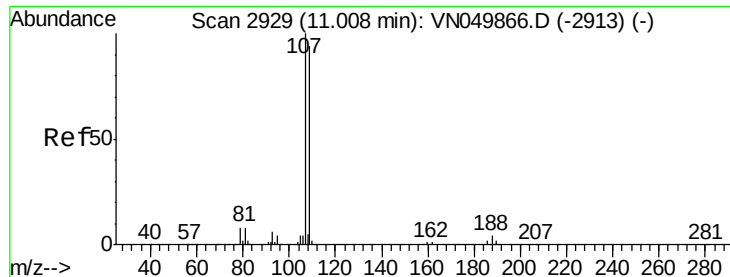
Tgt Ion: 43 Resp: 1390352
Ion Ratio Lower Upper
43 100
58 54.9 27.8 83.4



#60
Dibromochloromethane
Concen: 53.387 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 129 Resp: 477163
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9

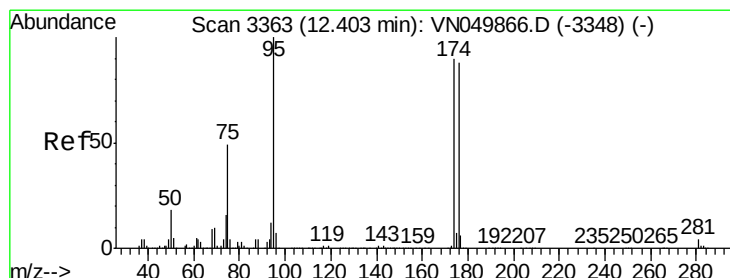
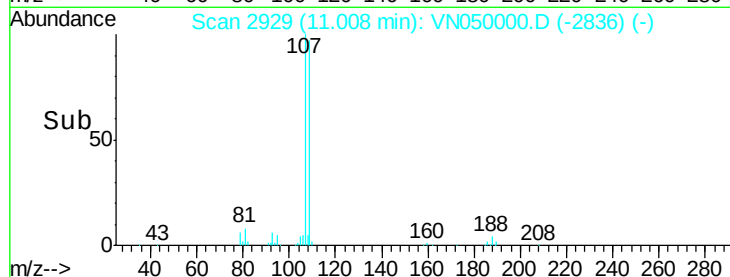
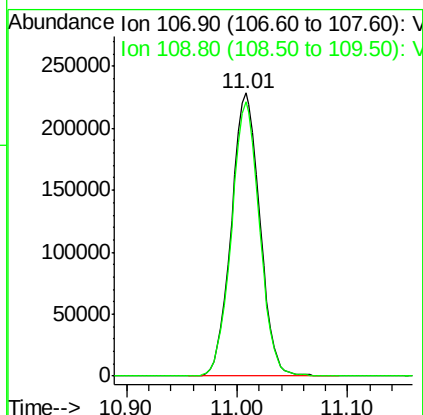
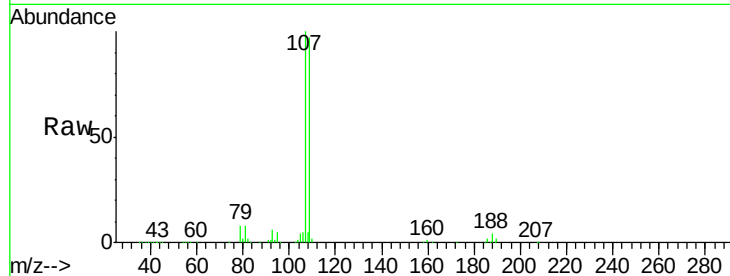




#61
1,2-Dibromoethane
Concen: 53.830 ug/l
RT: 11.01 min Scan# 2929
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

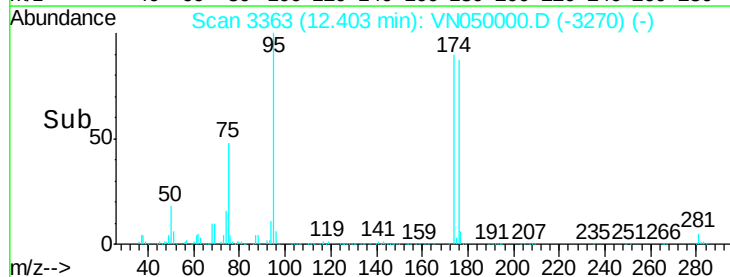
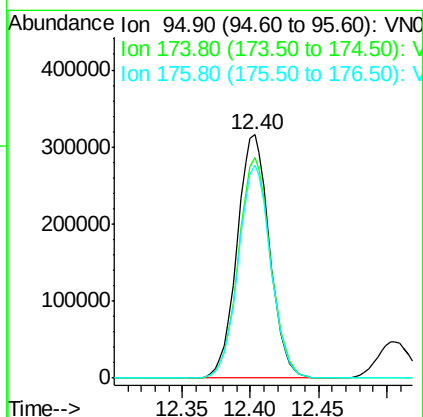
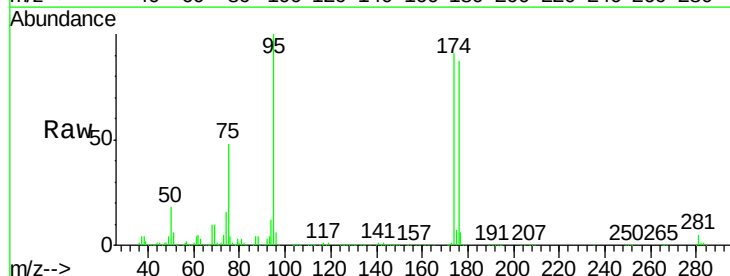
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

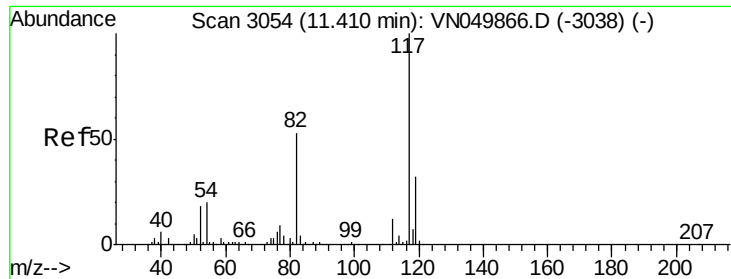
Tgt Ion: 107 Resp: 409953
Ion Ratio Lower Upper
107 100
109 95.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.654 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 95 Resp: 520793
Ion Ratio Lower Upper
95 100
174 90.3 0.0 179.6
176 87.4 0.0 174.0

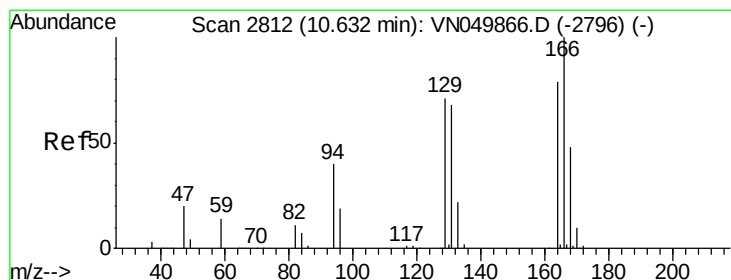
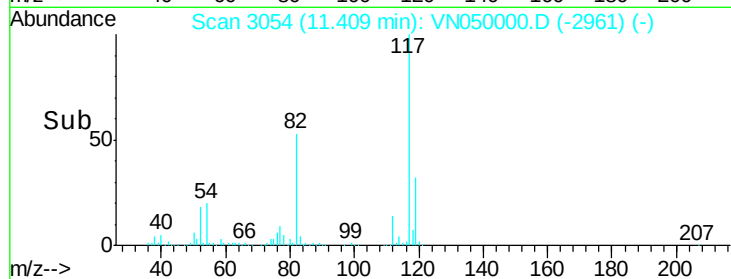
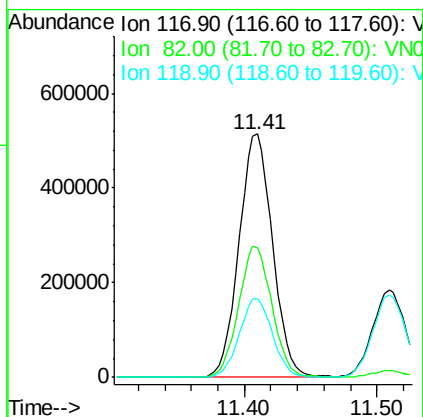
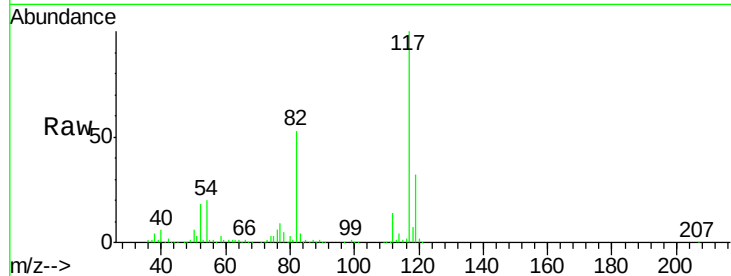




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

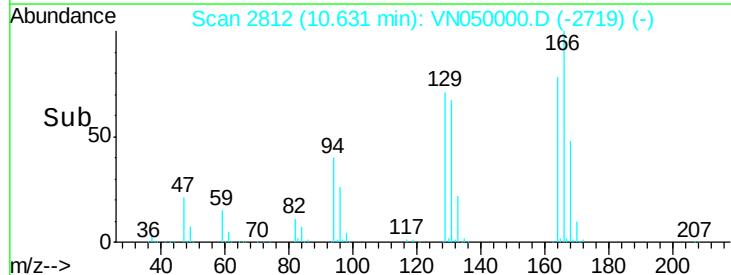
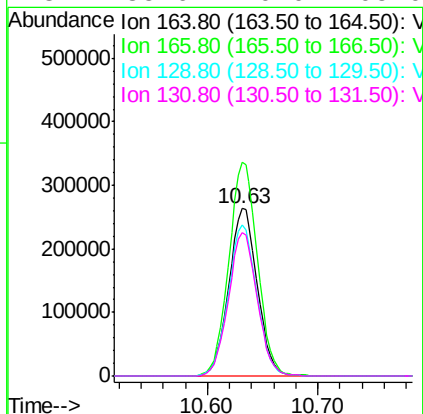
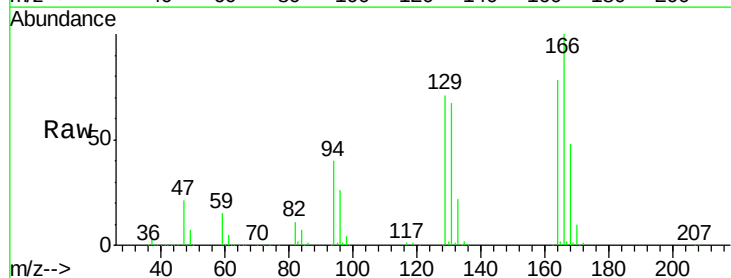
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

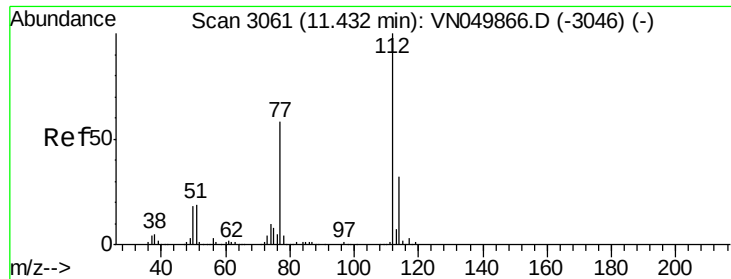
Tgt Ion:117 Resp: 904395
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 57.845 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion:164 Resp: 470109
Ion Ratio Lower Upper
164 100
166 127.6 101.8 152.6
129 90.0 72.8 109.2
131 85.6 70.0 105.0

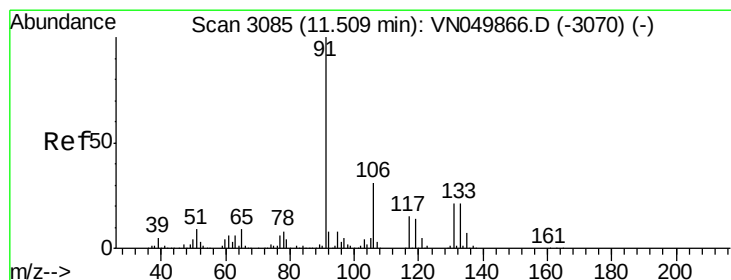
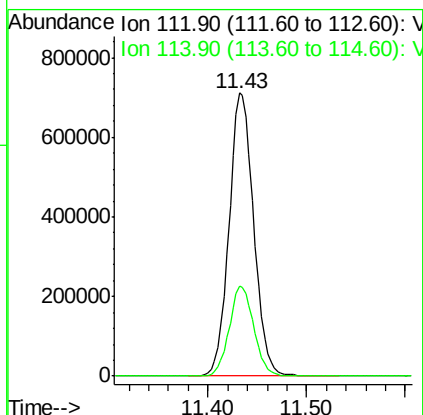
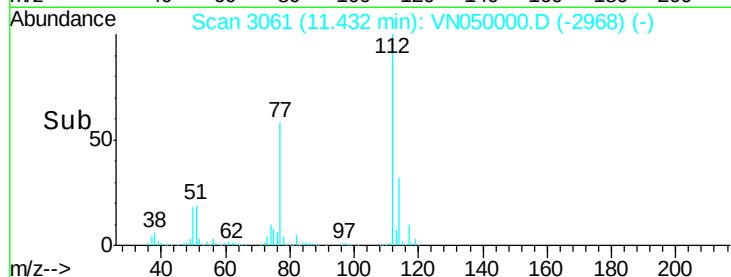
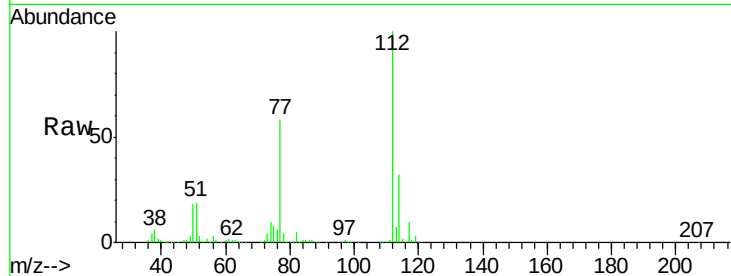




#65
Chlorobenzene
Concen: 54.636 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

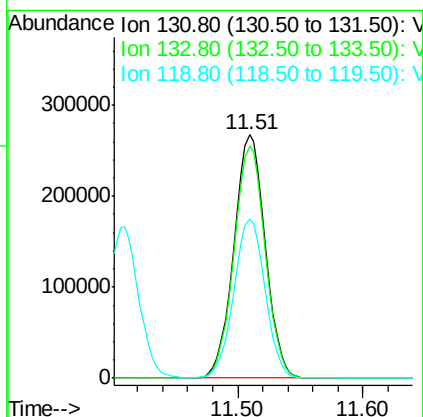
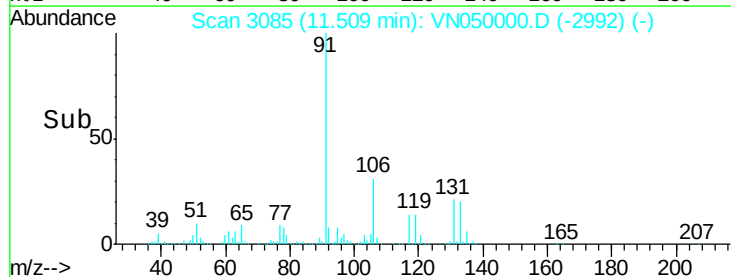
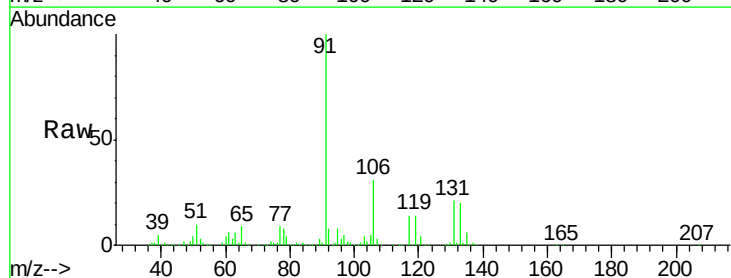
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

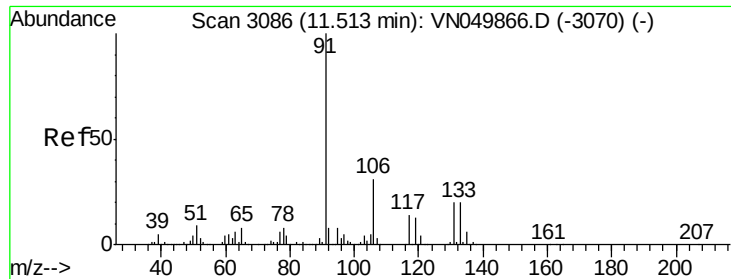
Tgt Ion:112 Resp: 1241542
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.618 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion:131 Resp: 463119
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.5 33.1 99.3

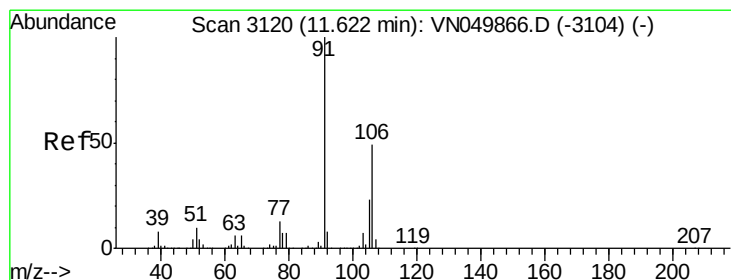
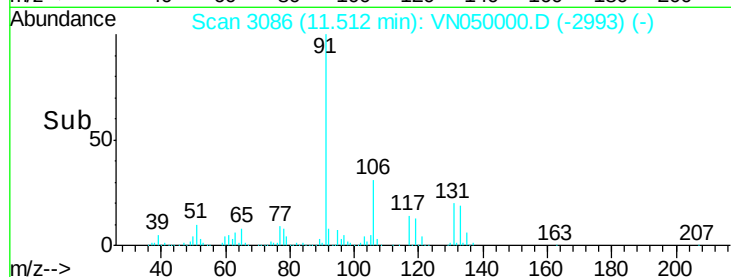
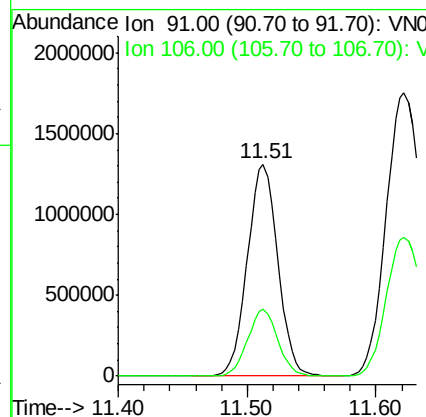
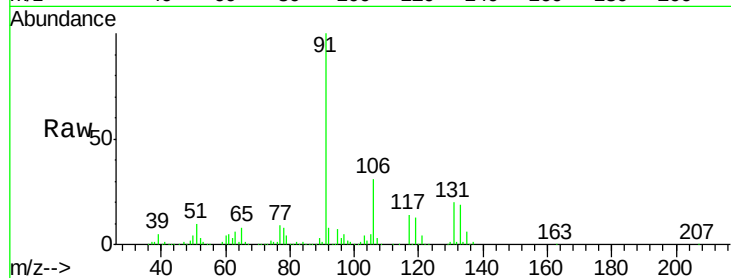




#67
Ethyl Benzene
Concen: 58.658 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

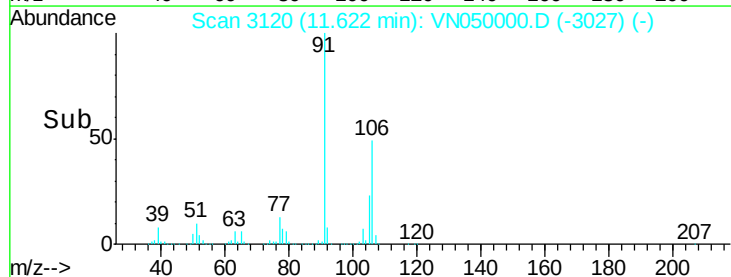
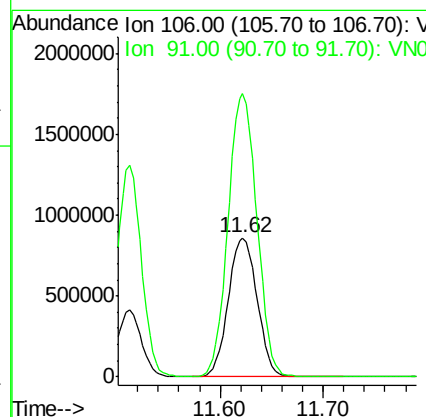
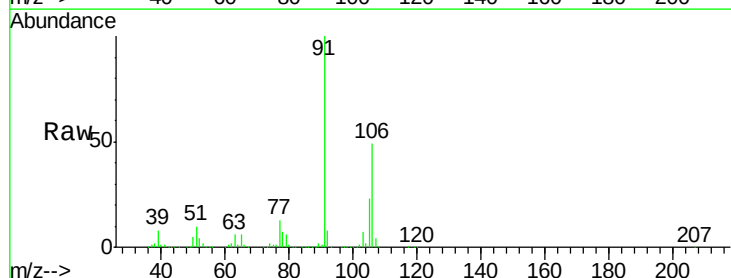
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

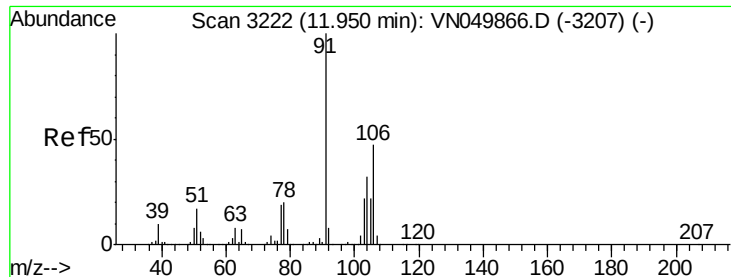
Tgt Ion: 91 Resp: 2162277
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2



#68
m/p-Xylenes
Concen: 120.009 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 106 Resp: 1674594
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2

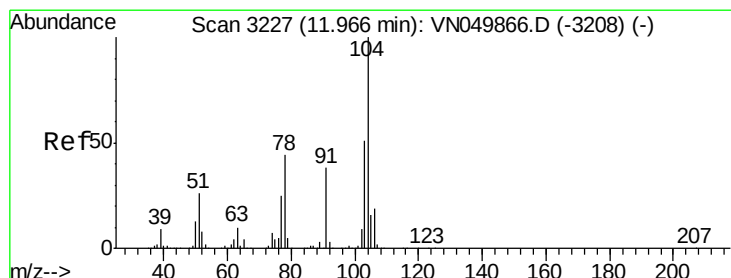
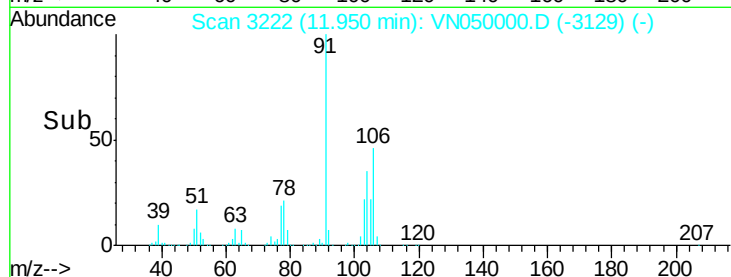
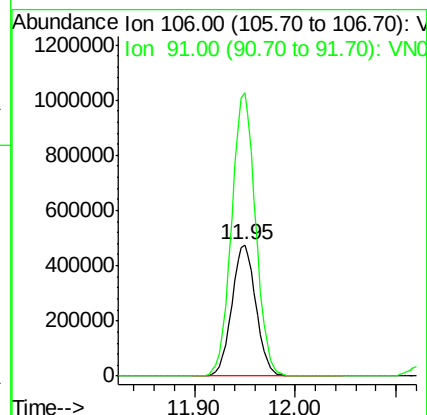
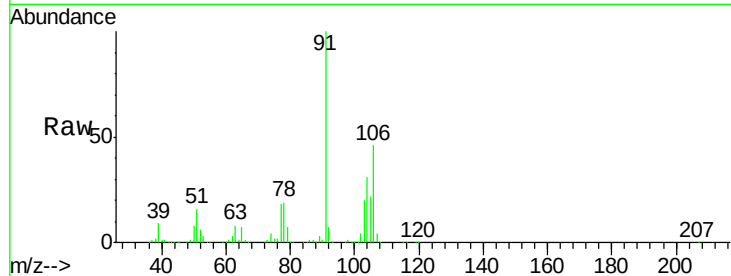




#69
o-Xylene
Concen: 59.213 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

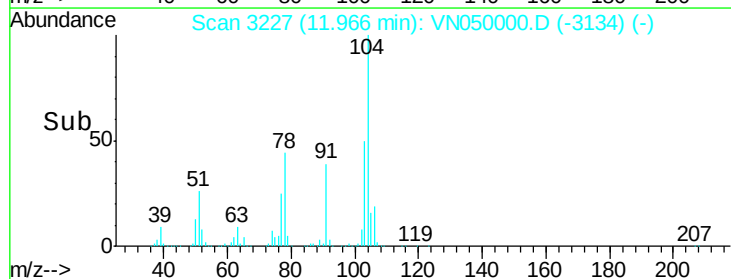
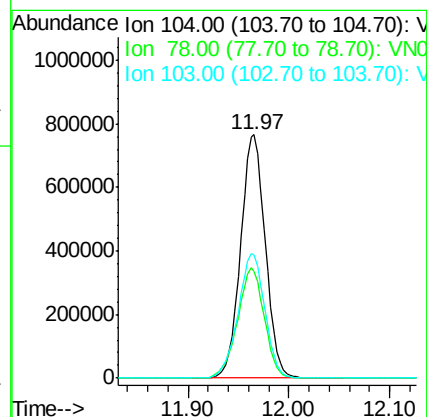
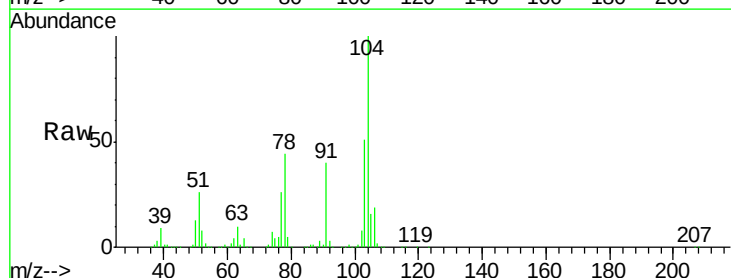
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

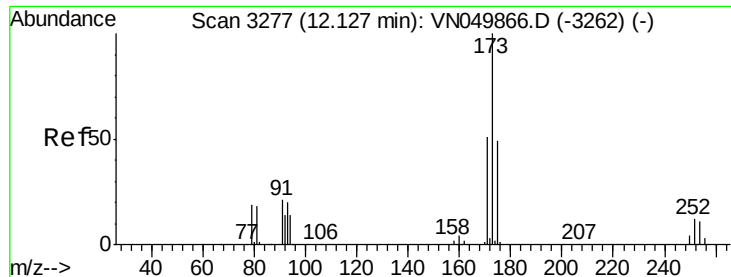
Tgt Ion:106 Resp: 793582
Ion Ratio Lower Upper
106 100
91 214.8 108.7 326.1



#70
Styrene
Concen: 59.817 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion:104 Resp: 1298532
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.6 44.6 67.0

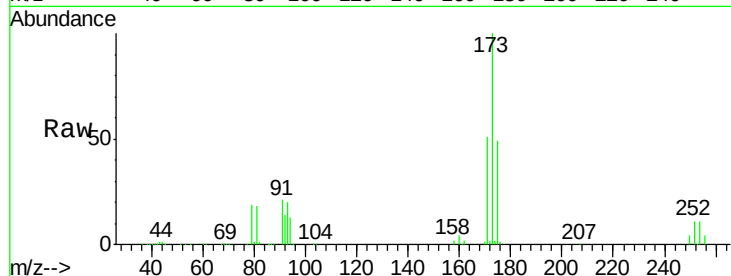




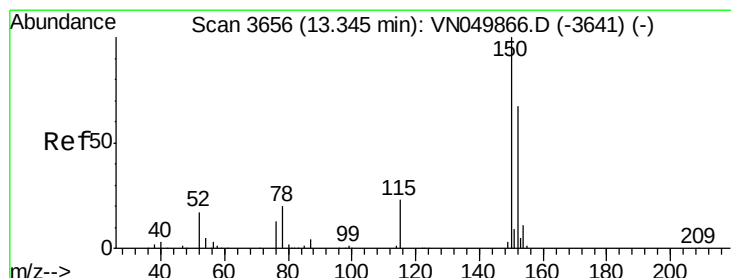
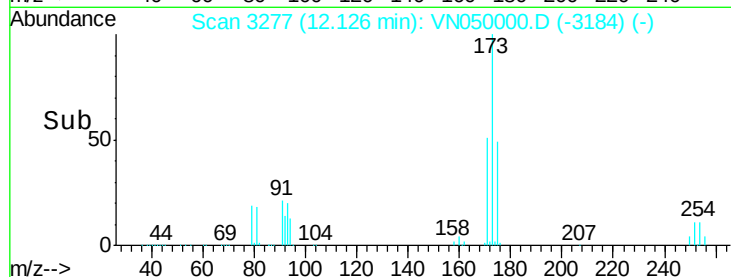
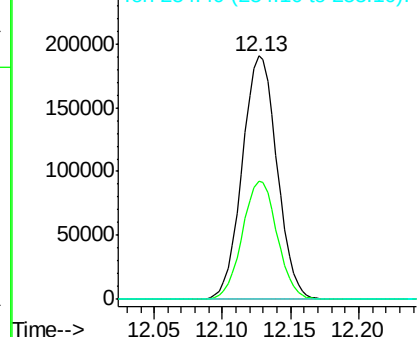
#71
Bromoform
Concen: 53.581 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 337361
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.1 0.2 0.2#

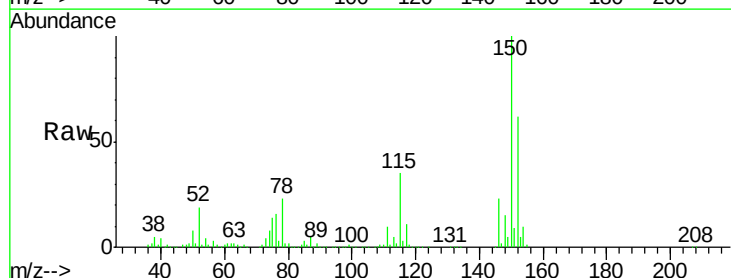


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

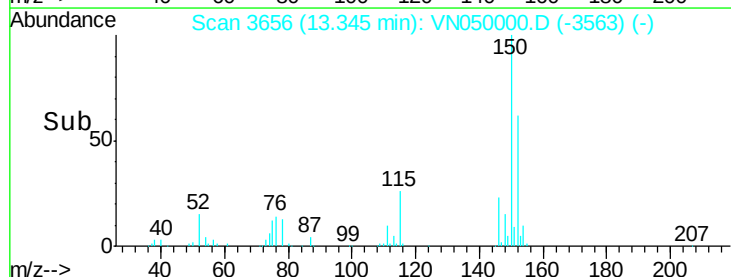
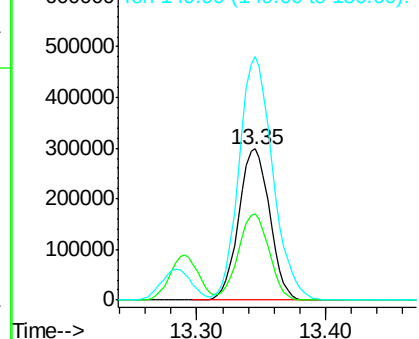


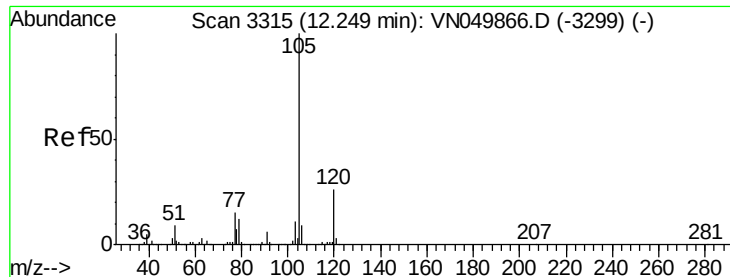
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion:152 Resp: 496758
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.2
150 176.1 0.0 347.6



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





#73

Isopropylbenzene

Concen: 56.633 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

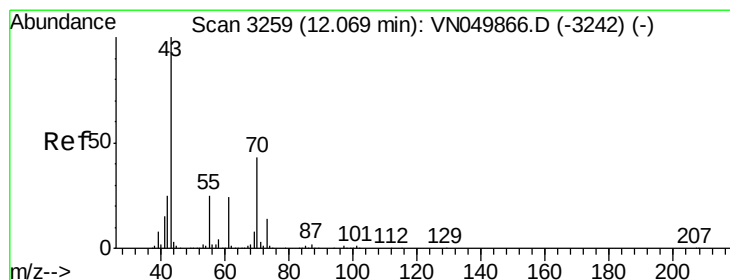
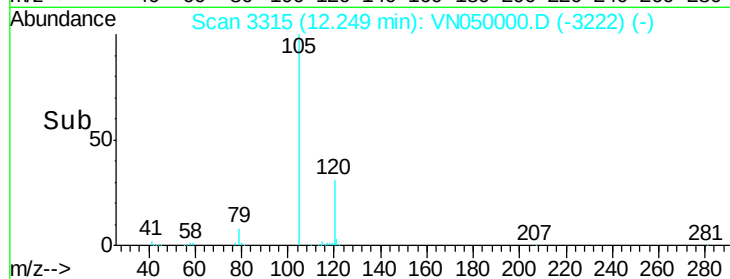
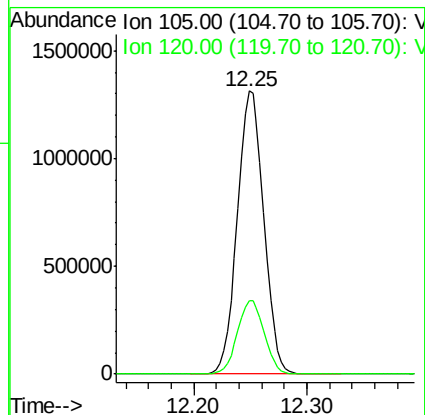
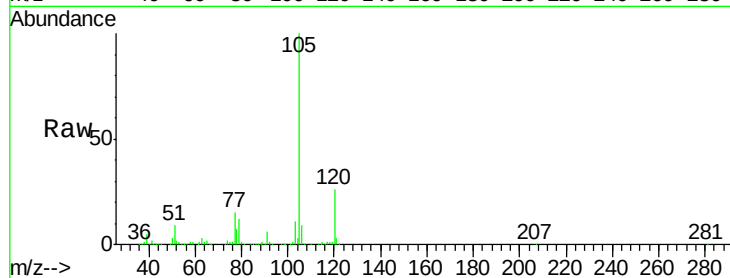
VSTDCCC050

Tgt Ion:105 Resp: 2136938

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-amyl acetate

Concen: 51.913 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion: 43 Resp: 596248

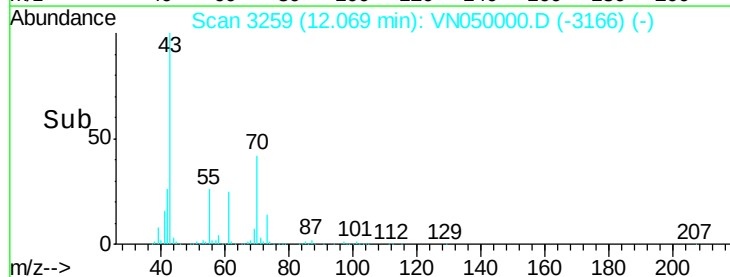
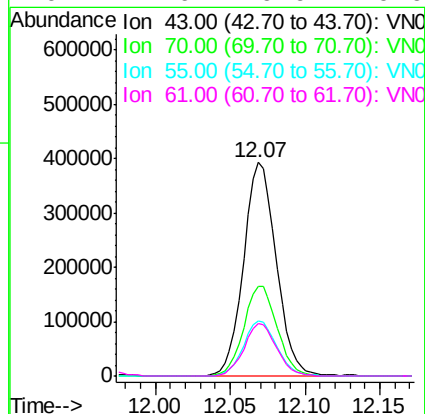
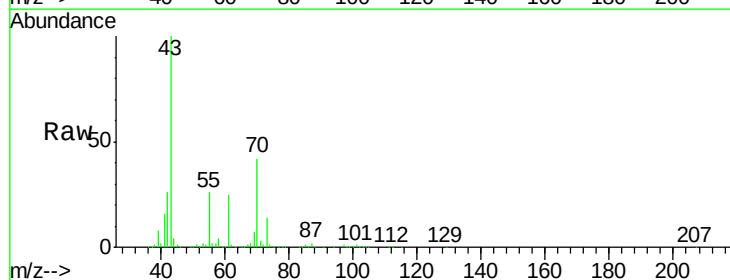
Ion Ratio Lower Upper

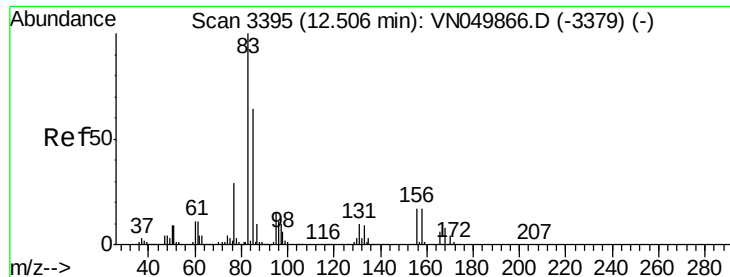
43 100

70 43.0 34.8 52.2

55 26.4 20.9 31.3

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.378 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

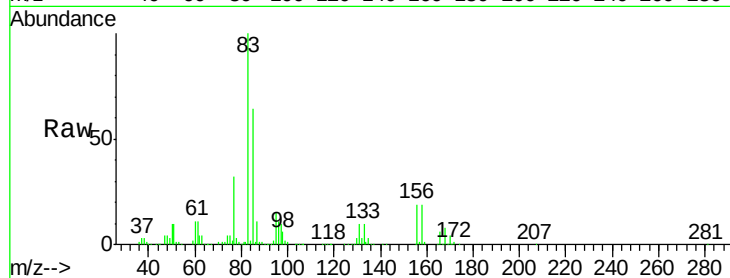
Tgt Ion: 83 Resp: 524334

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

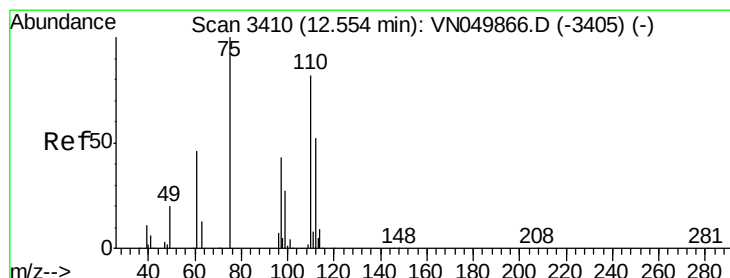
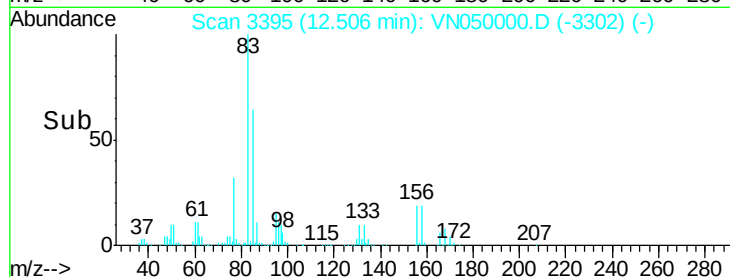
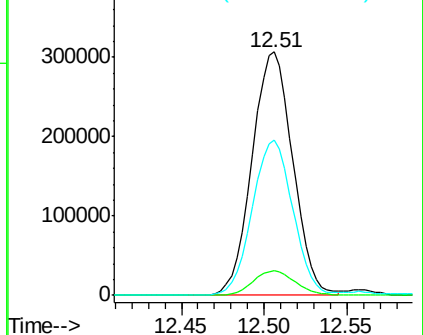
85 63.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 70.759 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050000.D

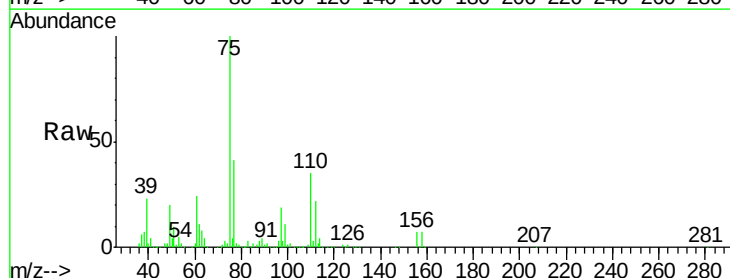
Acq: 23 Jul 2018 9:01

Tgt Ion: 75 Resp: 659372

Ion Ratio Lower Upper

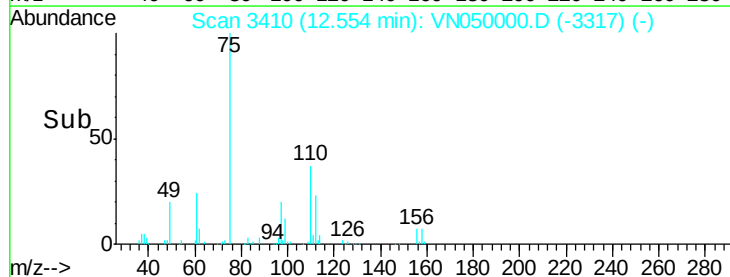
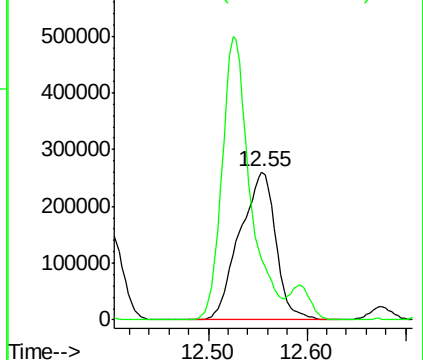
75 100

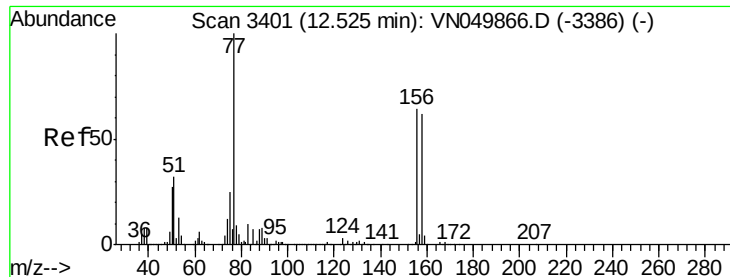
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 51.702 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

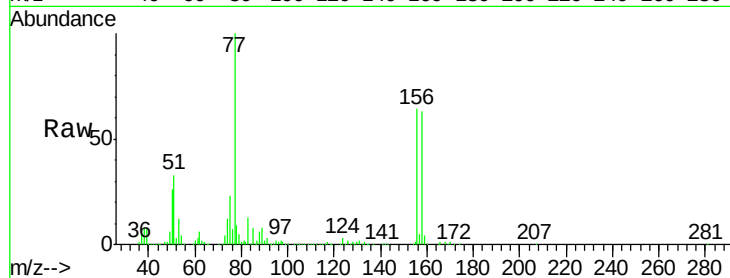
Tgt Ion:156 Resp: 538725

Ion Ratio Lower Upper

156 100

77 184.4 90.2 270.6

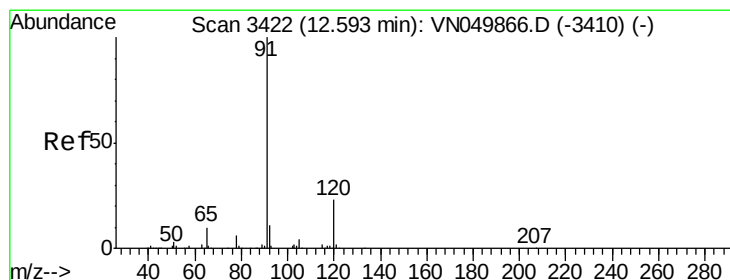
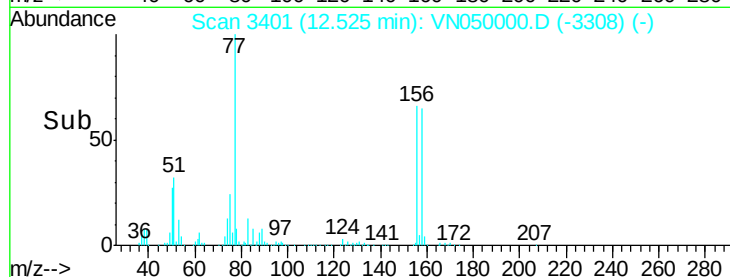
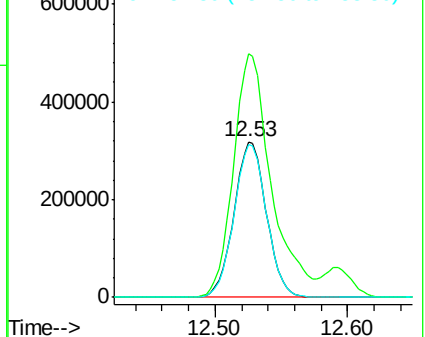
158 98.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 58.292 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050000.D

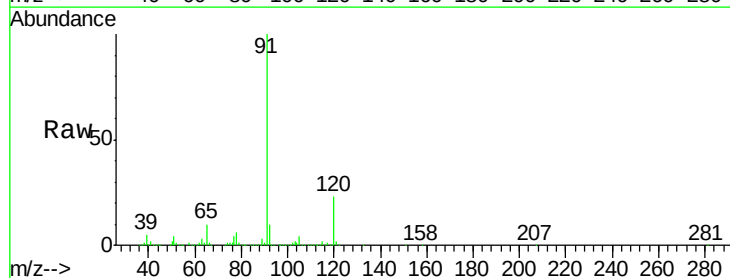
Acq: 23 Jul 2018 9:01

Tgt Ion: 91 Resp: 2500717

Ion Ratio Lower Upper

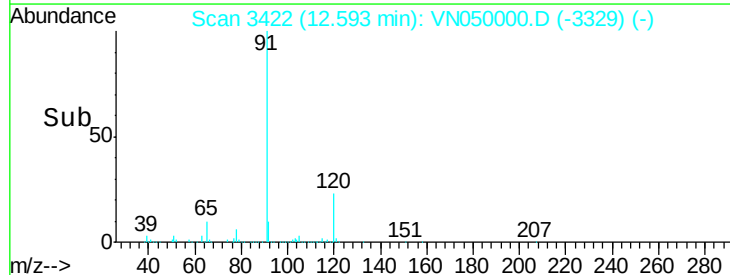
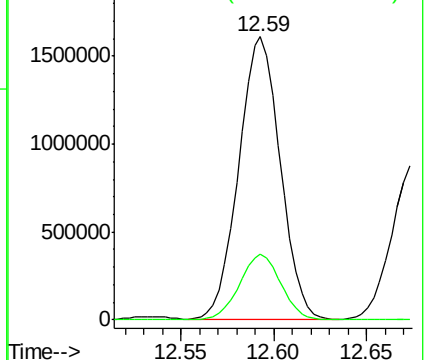
91 100

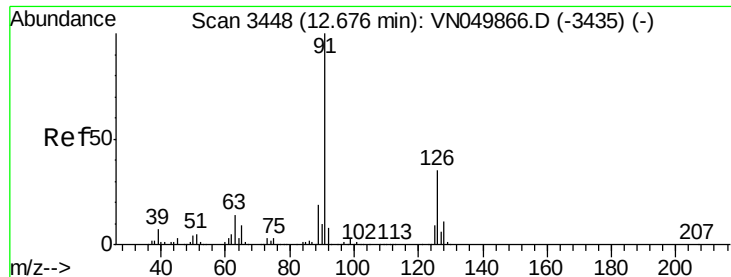
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.355 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

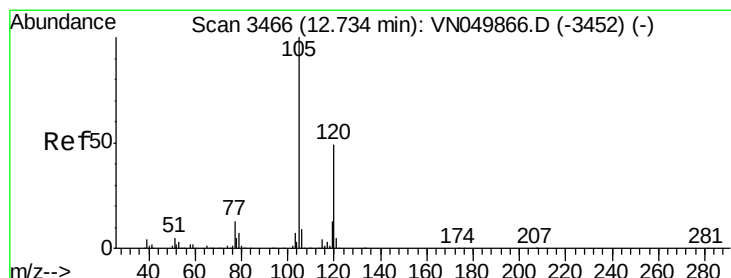
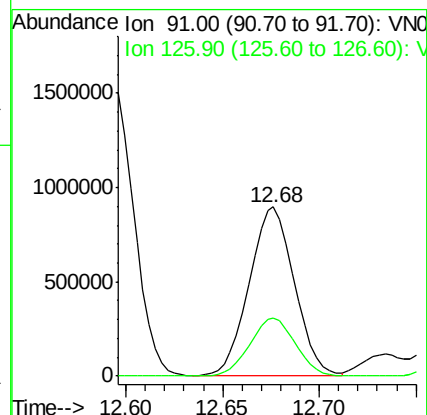
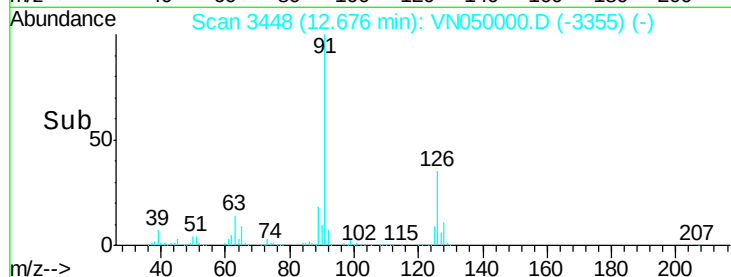
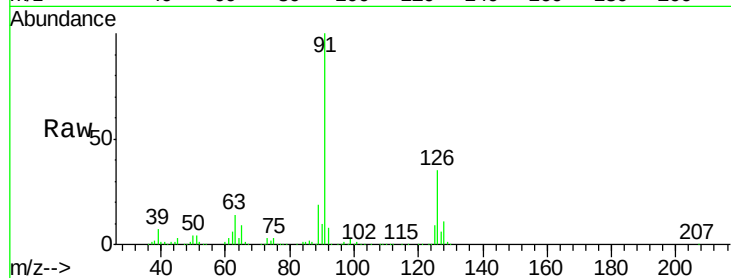
VSTDCCC050

Tgt Ion: 91 Resp: 1458116

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 58.639 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050000.D

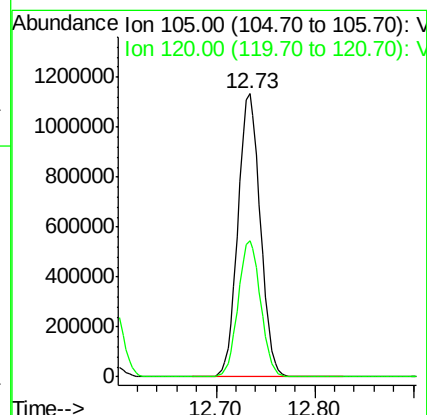
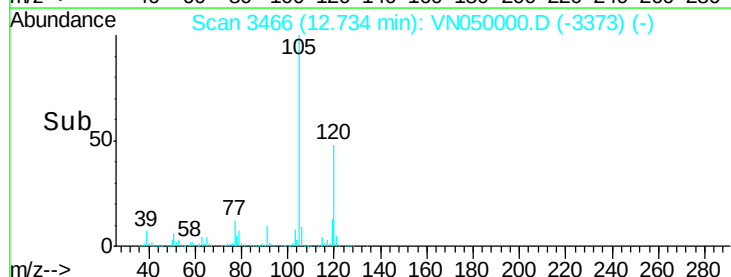
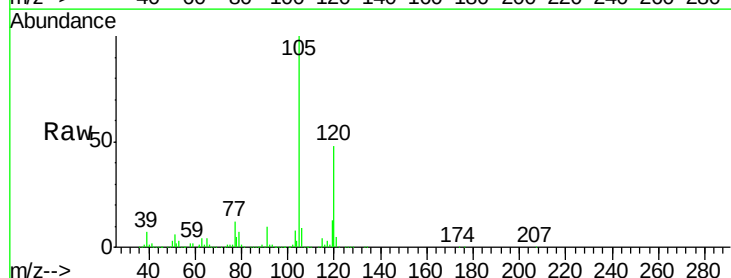
Acq: 23 Jul 2018 9:01

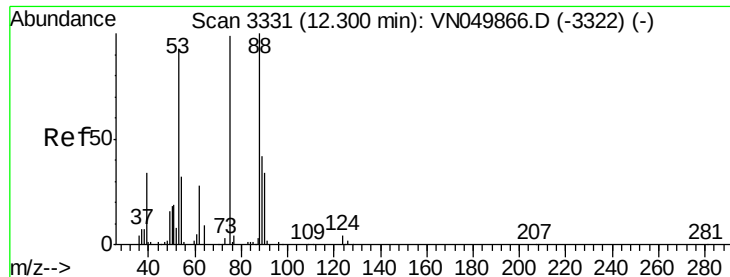
Tgt Ion: 105 Resp: 1773526

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.644 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

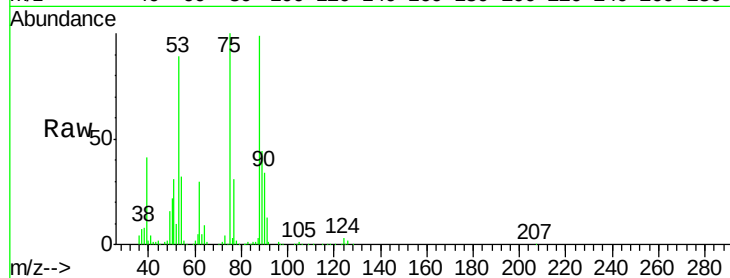
Tgt Ion: 75 Resp: 153903

Ion Ratio Lower Upper

75 100

53 93.4 73.9 110.9

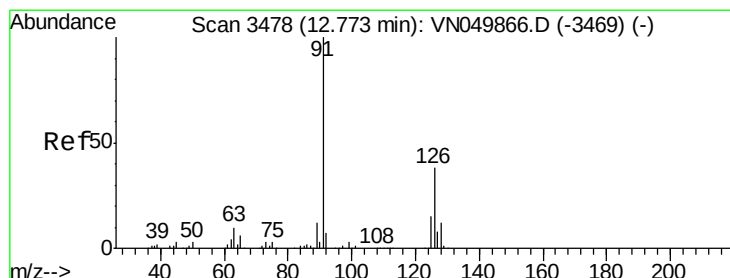
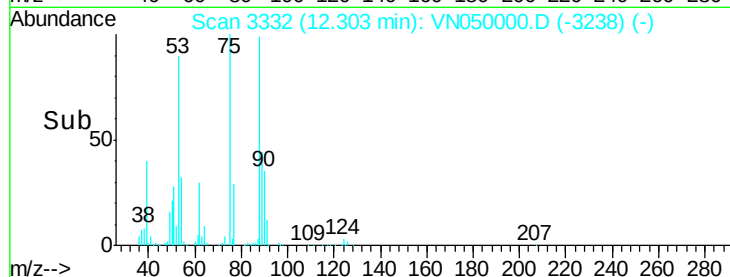
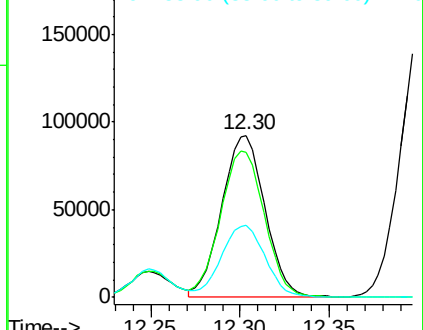
89 45.5 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 56.772 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050000.D

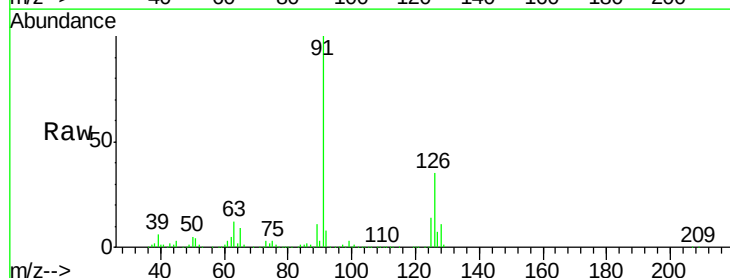
Acq: 23 Jul 2018 9:01

Tgt Ion: 91 Resp: 1500252

Ion Ratio Lower Upper

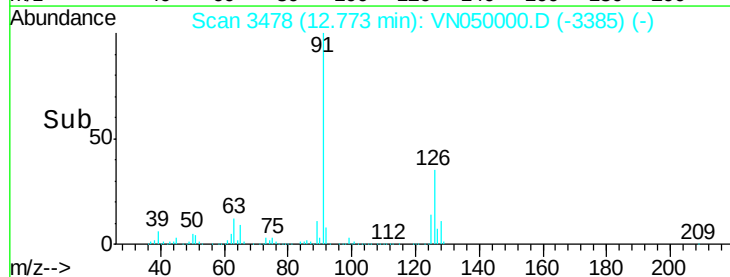
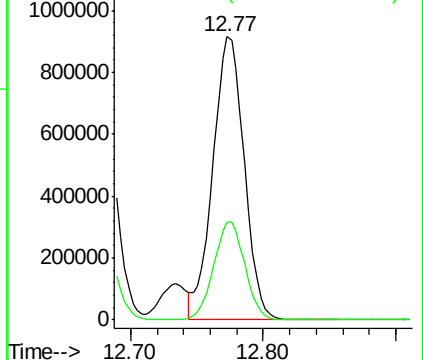
91 100

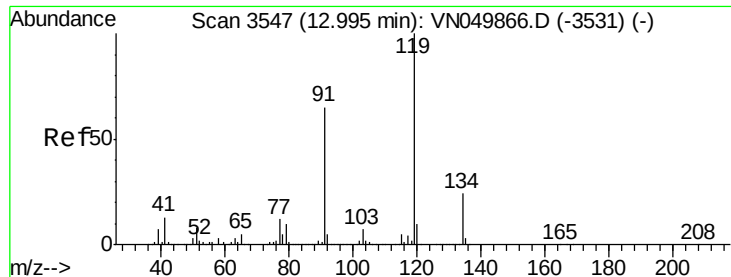
126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

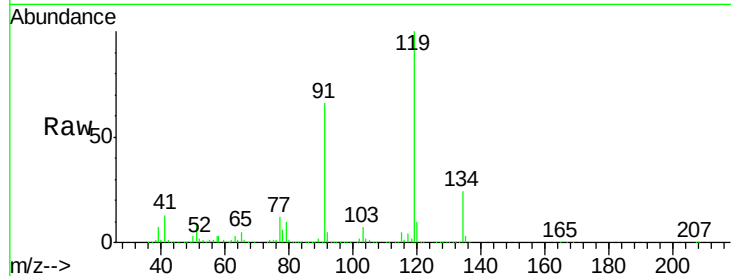




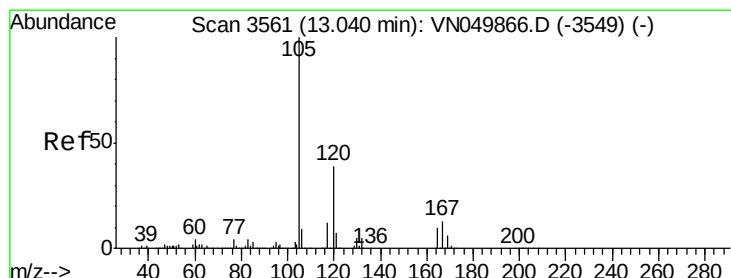
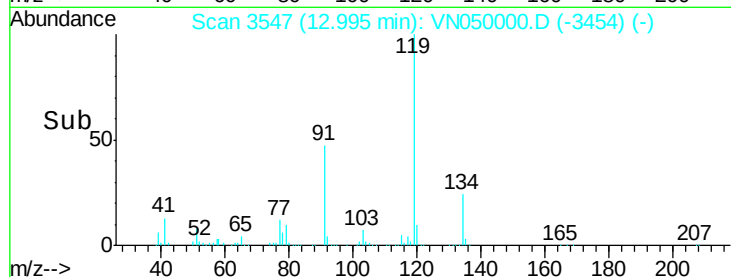
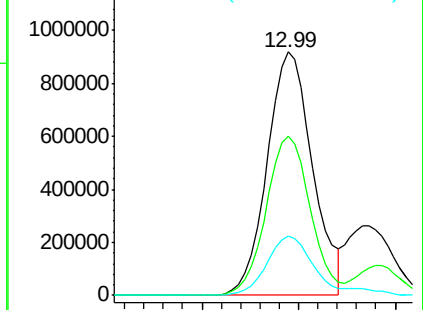
#83
 tert-Butylbenzene
 Concen: 56.638 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 1504382
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.0 96.2
 134 26.3 12.8 38.4

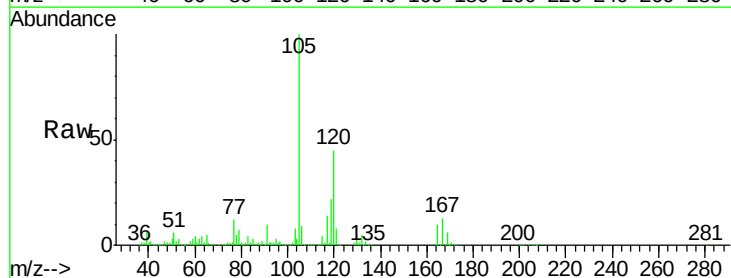


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

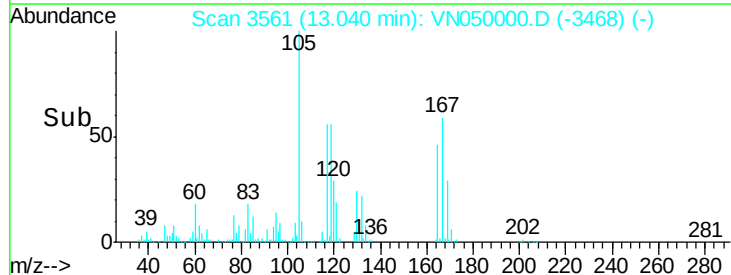
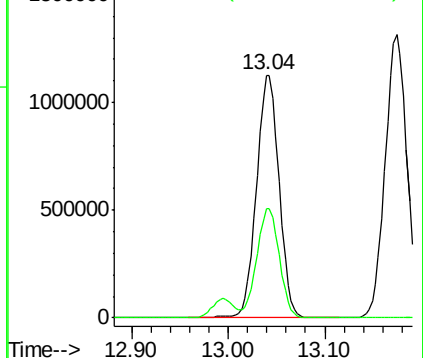


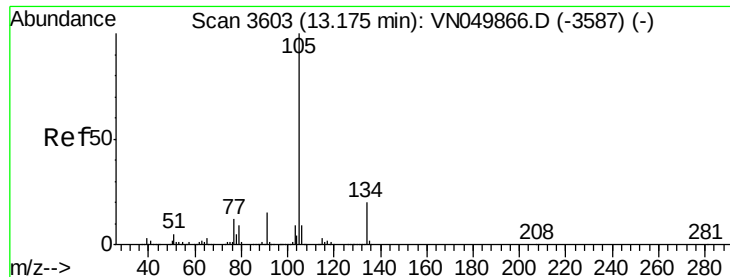
#84
 1,2,4-Trimethylbenzene
 Concen: 59.598 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion:105 Resp: 1825910
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 58.644 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampled :

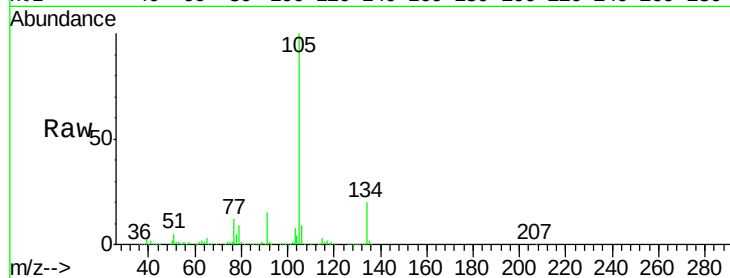
VSTDCCC050

Tgt Ion:105 Resp: 2058365

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

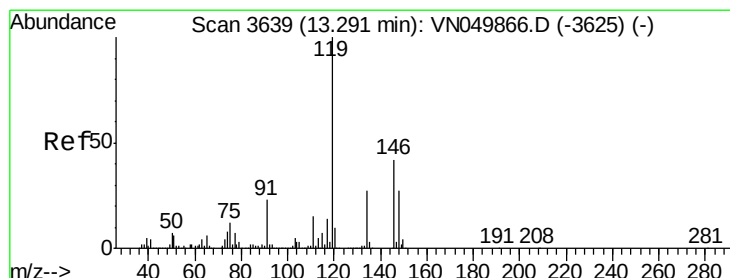
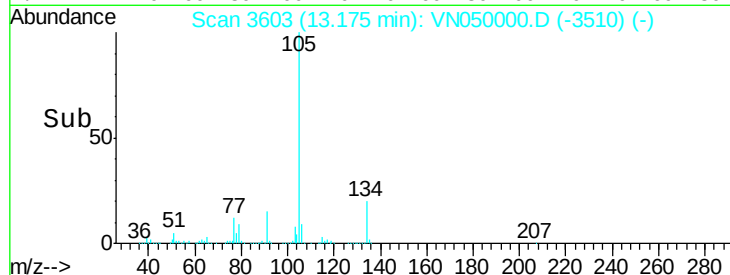
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 60.698 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

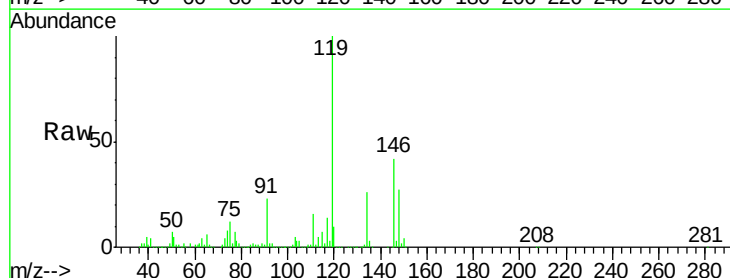
Tgt Ion:119 Resp: 1816243

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.6 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

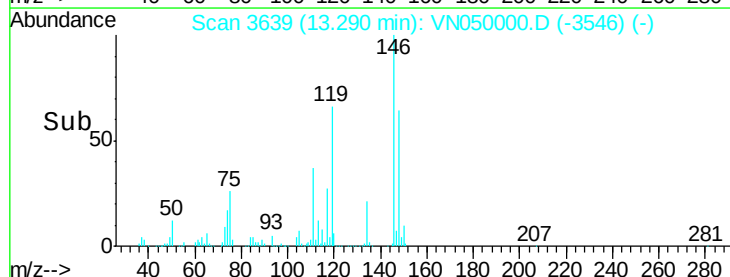
1500000

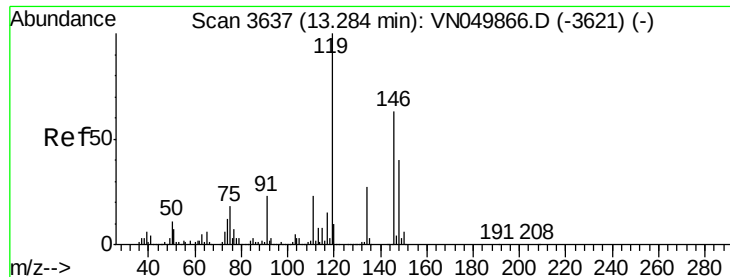
1000000

500000

0

Time-->

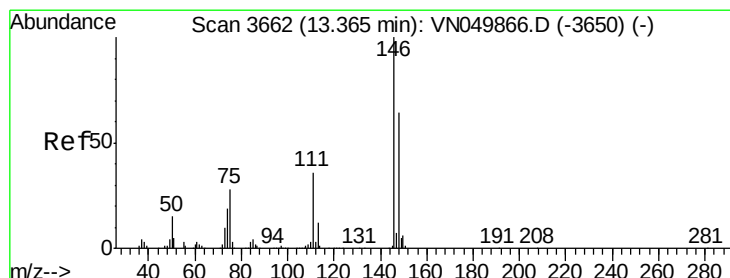
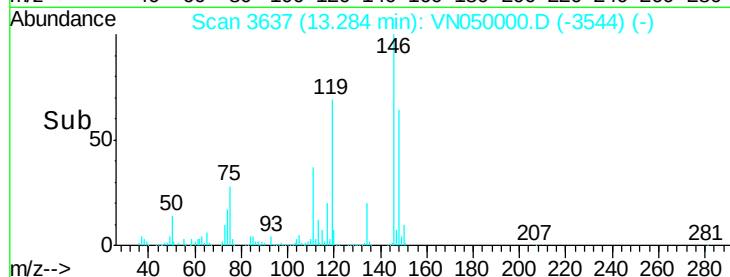
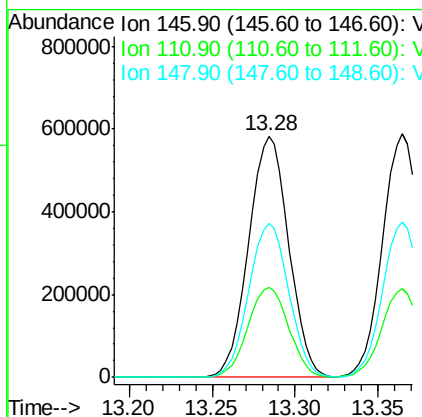
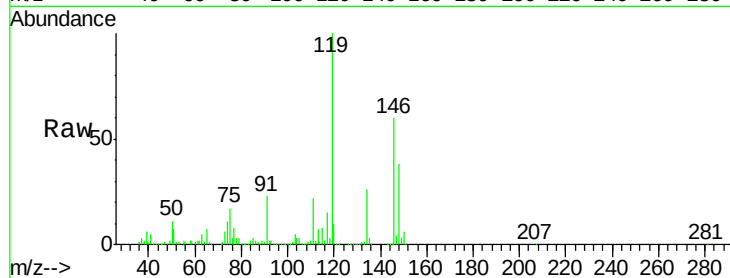




#87
 1,3-Dichlorobenzene
 Concen: 53.927 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

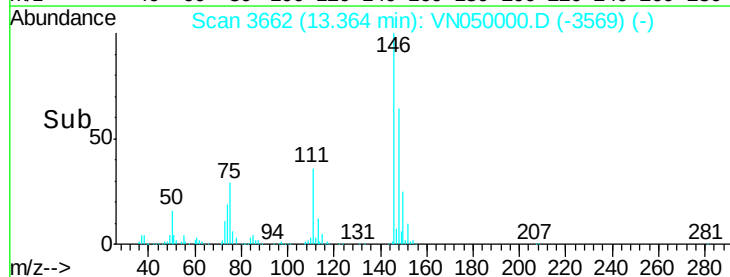
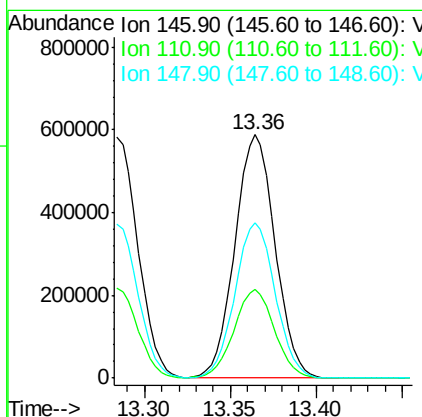
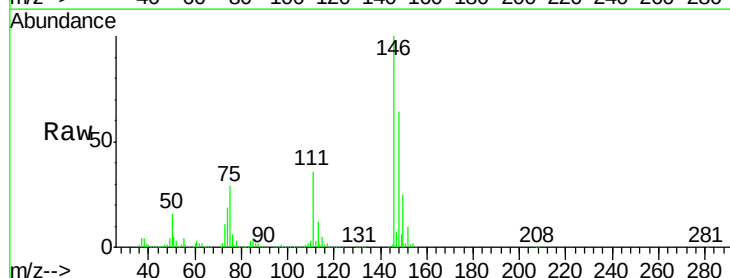
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

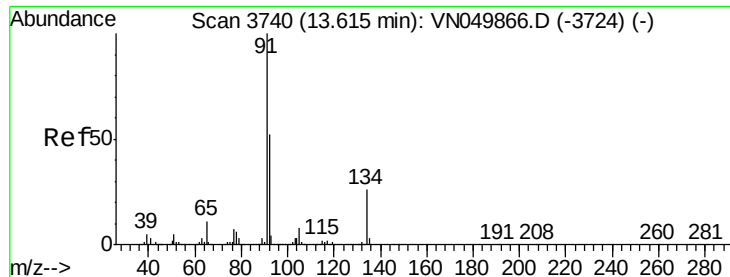
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.8	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 52.333 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.5
148	64.1	32.1	96.3

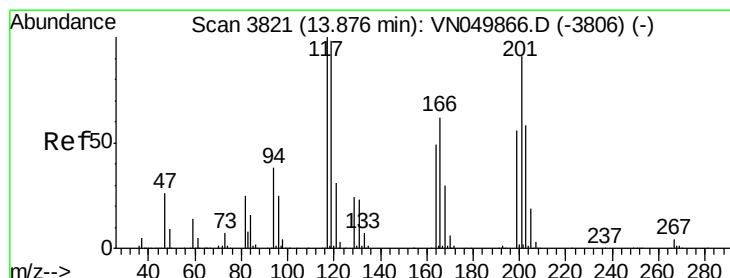
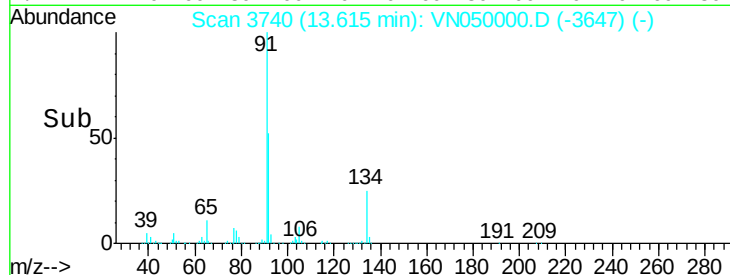
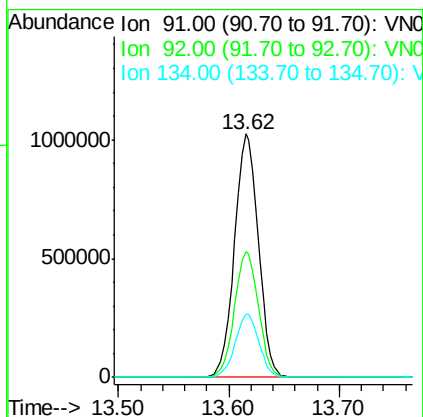
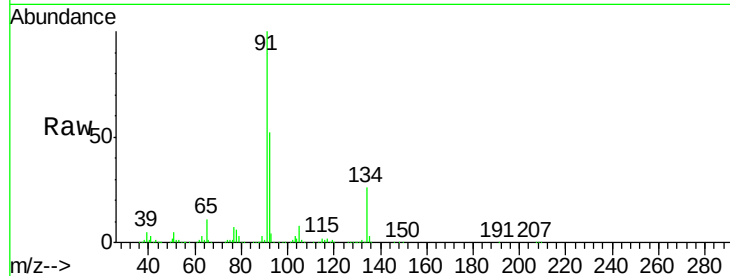




#89
n-Butylbenzene
Concen: 62.066 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

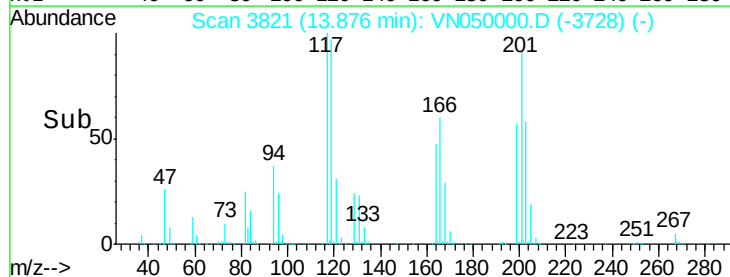
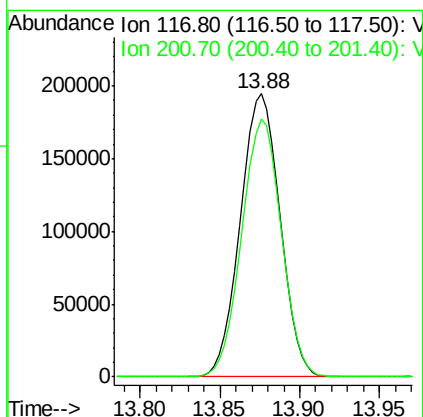
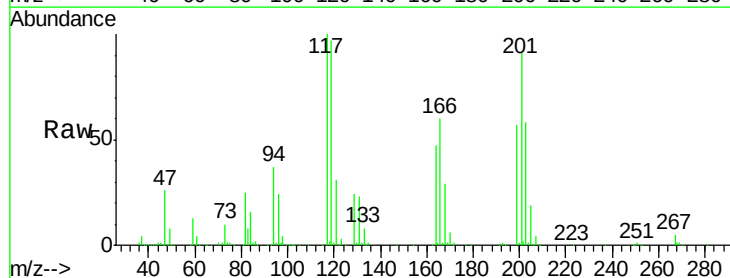
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

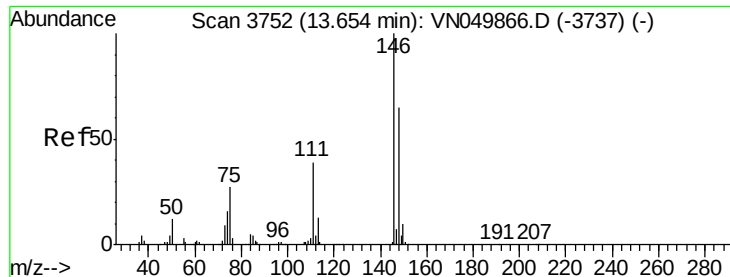
Tgt Ion: 91 Resp: 1533387
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.3
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 49.078 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 117 Resp: 329592
Ion Ratio Lower Upper
117 100
201 90.9 45.3 135.8

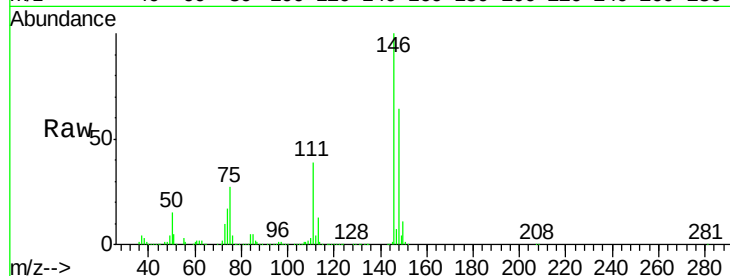




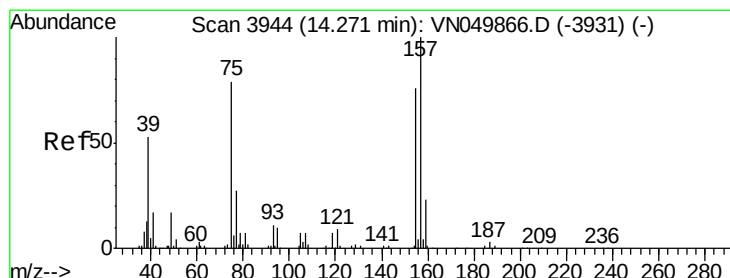
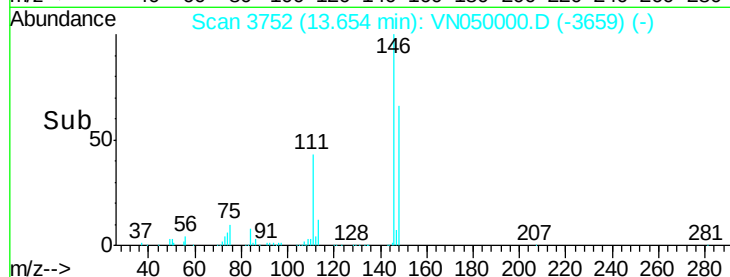
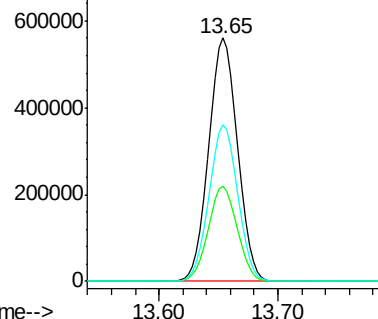
#91
 1,2-Dichlorobenzene
 Concen: 52.654 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	64.2	32.0	96.2

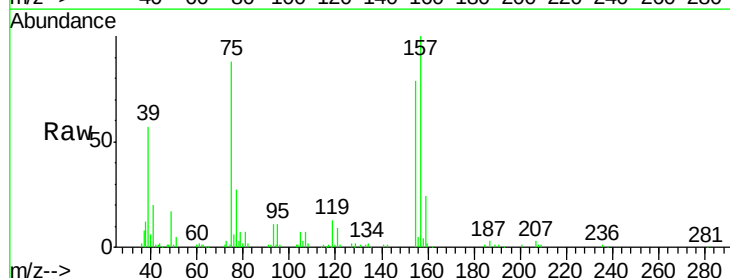


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

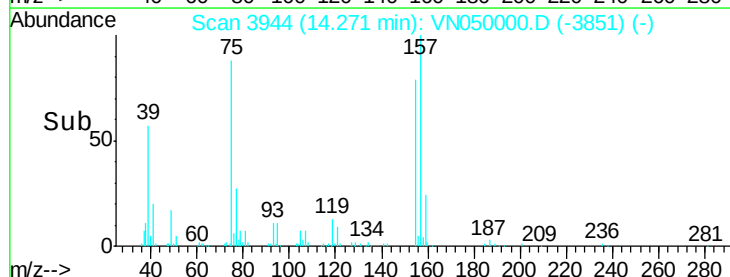
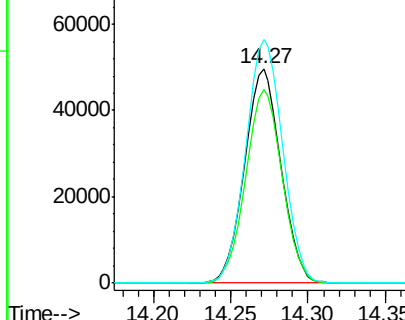


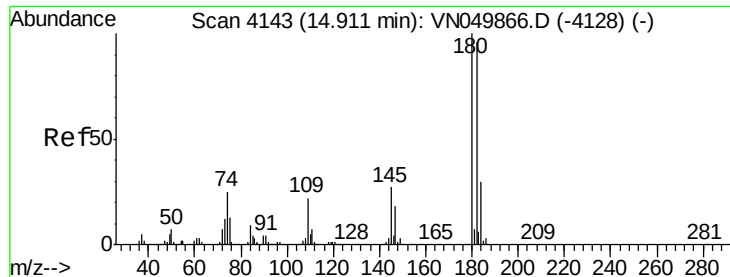
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.723 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	45.7	137.1
157	115.2	56.9	170.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

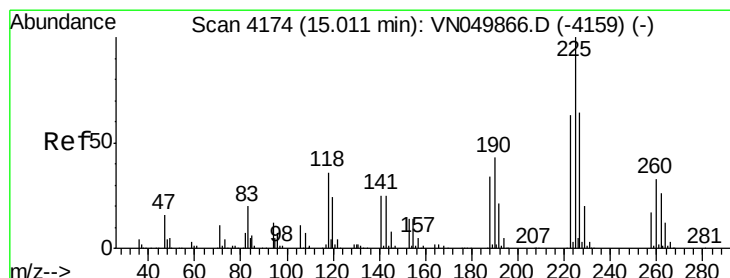
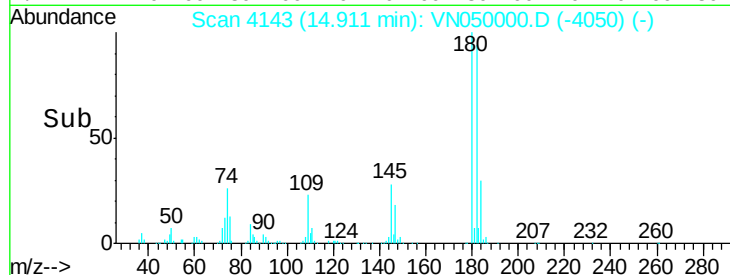
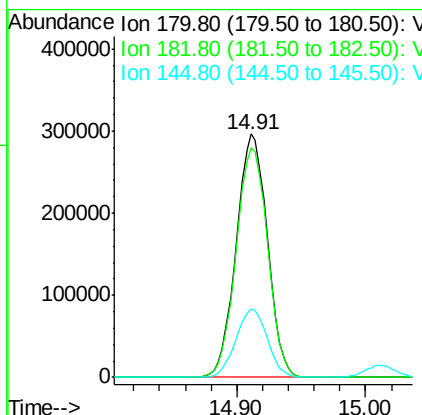
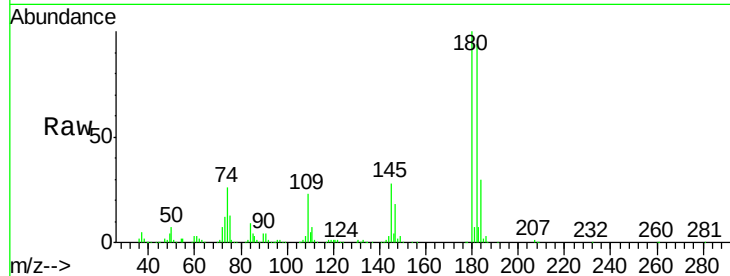




#93
 1,2,4-Trichlorobenzene
 Concen: 50.457 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

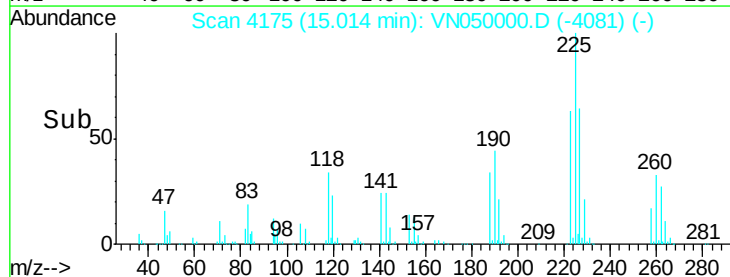
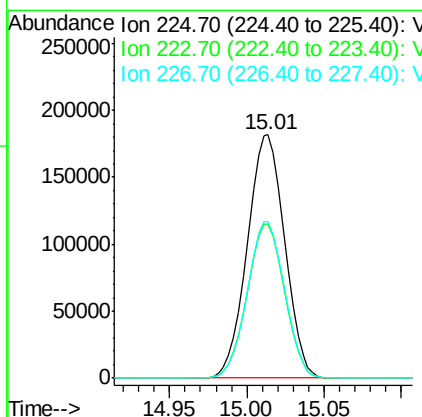
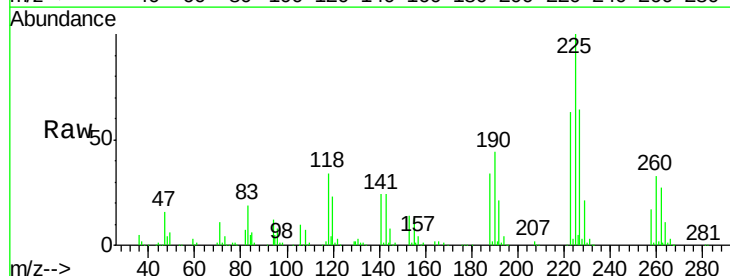
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

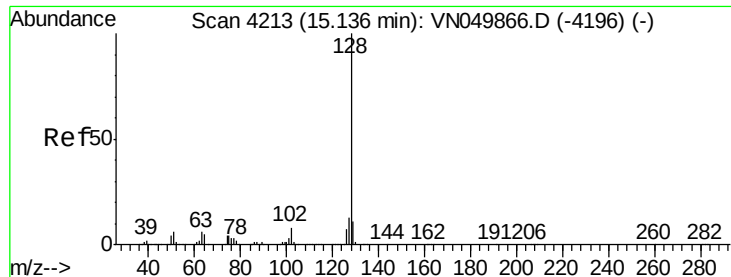
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.9
145	28.3	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 52.279 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.9	92.7
227	64.1	31.8	95.4

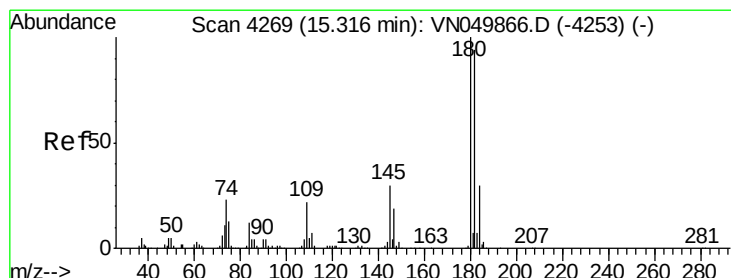
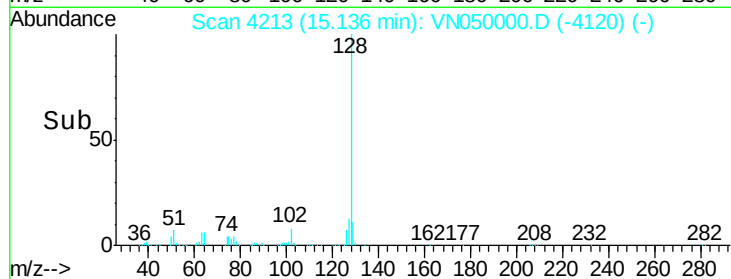
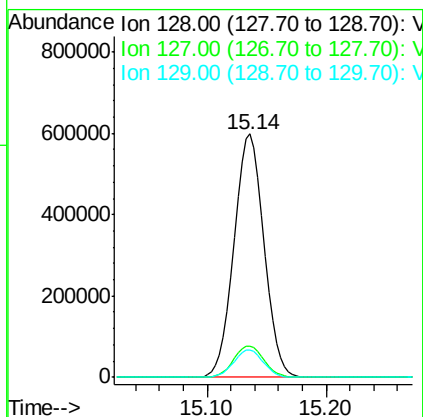
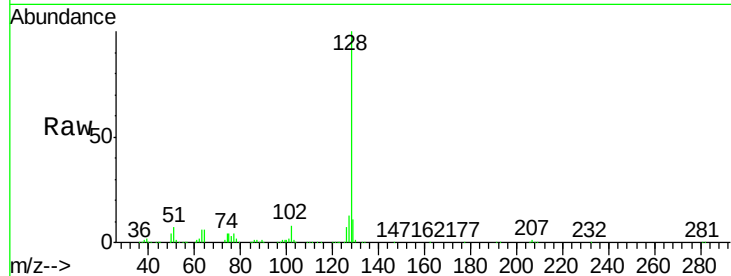




#95
Naphthalene
Concen: 44.925 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1045247
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.734 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion:180 Resp: 485846
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 30.2 15.2 45.6

