

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049628.D
 Acq On : 29 Jun 2018 12:10
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 30 00:21:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1361767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2010664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1828428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1002972	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	854965	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	7.59	113	741217	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.09	98	2926340	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	1003881	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	762527	49.688	ug/l	100
3) Chloromethane	2.06	50	892548	46.566	ug/l	100
4) Vinyl Chloride	2.18	62	983271	47.763	ug/l	100
5) Bromomethane	2.56	94	474408	43.872	ug/l	100
6) Chloroethane	2.70	64	603063	46.283	ug/l	100
7) Trichlorofluoromethane	3.02	101	1040160	44.234	ug/l	100
8) Diethyl Ether	3.41	74	436968	45.845	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	776776	45.914	ug/l	100
10) Methyl Iodide	3.95	142	997352	47.104	ug/l	100
11) Tert butyl alcohol	4.79	59	241355	233.881	ug/l	100
12) 1,1-Dichloroethene	3.73	96	724354	45.288	ug/l	100
13) Acrolein	3.61	56	248620	257.924	ug/l	100
14) Allyl chloride	4.32	41	947989	43.149	ug/l	100
15) Acrylonitrile	4.99	53	1255287	235.519	ug/l	100
16) Acetone	3.82	43	856164	192.220	ug/l	100
17) Carbon Disulfide	4.05	76	2096169	43.234	ug/l	100
18) Methyl Acetate	4.33	43	774930	28.596	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1958100	47.490	ug/l	100
20) Methylene Chloride	4.55	84	812637	43.883	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	767814	46.645	ug/l	100
22) Diisopropyl ether	5.95	45	2410000	48.484	ug/l	100
23) Vinyl Acetate	5.90	43	8023836	248.929	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1450930	46.335	ug/l	100
25) 2-Butanone	6.84	43	1394993	233.663	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1191147	45.800	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	867957	47.203	ug/l	100
28) Bromochloromethane	7.20	49	647832	48.745	ug/l	100
29) Tetrahydrofuran	7.21	42	924279	242.903	ug/l	100
30) Chloroform	7.37	83	1474518	46.193	ug/l	100
31) Cyclohexane	7.65	56	1279475	41.493	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1265267	46.818	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1120406	49.529	ug/l	100
37) Ethyl Acetate	6.93	43	654778	49.626	ug/l	100
38) Carbon Tetrachloride	7.77	117	1042442	47.373	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1202058	48.466	ug/l	100
40) Benzene	8.04	78	3315705	48.003	ug/l	100
41) Methacrylonitrile	7.18	41	363675	51.636	ug/l	100
42) 1,2-Dichloroethane	8.12	62	1037662	47.072	ug/l	100
43) Isopropyl Acetate	8.17	43	1261036	40.451	ug/l	100
44) Trichloroethene	8.83	130	974840	46.798	ug/l	100
45) 1,2-Dichloropropane	9.12	63	873131	48.926	ug/l	100
46) Dibromomethane	9.21	93	514514	47.657	ug/l	100
47) Bromodichloromethane	9.40	83	1113689	48.458	ug/l	100
48) Methyl methacrylate	9.20	41	589829	50.307	ug/l	100
49) 1,4-Dioxane	9.20	88	160481	1018.108	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	3182752	246.035	ug/l	100
52) Toluene	10.16	92	2076727	49.766	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1086535	49.373	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1285588	49.983	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	737484	47.464	ug/l	100
56) Ethyl methacrylate	10.43	69	935794	51.381	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1237098	49.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2156163	254.310	ug/l	100
59) 2-Hexanone	10.75	43	2120443	247.887	ug/l	100
60) Dibromochloromethane	10.90	129	829687	49.406	ug/l	100
61) 1,2-Dibromoethane	11.01	107	726781	48.818	ug/l	100
64) Tetrachloroethene	10.63	164	1150983	46.490	ug/l	100
65) Chlorobenzene	11.44	112	2245427	47.076	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	820526	47.876	ug/l	100
67) Ethyl Benzene	11.51	91	3891397	49.354	ug/l	100
68) m/p-Xylenes	11.62	106	3040663	100.629	ug/l	100
69) o-Xylene	11.95	106	1442689	49.869	ug/l	100
70) Styrene	11.97	104	2399344	51.259	ug/l	100
71) Bromoform	12.13	173	552643	48.528	ug/l #	100
73) Isopropylbenzene	12.25	105	3820465	47.821	ug/l	100
74) N-amyl acetate	12.07	43	1039369	47.628	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	816322	43.271	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1086973	62.426	ug/l #	100
77) Bromobenzene	12.53	156	972115	44.748	ug/l	100
78) n-propylbenzene	12.59	91	4491799	49.057	ug/l	100
79) 2-Chlorotoluene	12.68	91	2673435	46.135	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3271464	49.278	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	226257	47.774	ug/l	100
82) 4-Chlorotoluene	12.77	91	2736481	46.966	ug/l	100
83) tert-Butylbenzene	12.99	119	2713988	47.589	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3367426	49.363	ug/l	100
85) sec-Butylbenzene	13.17	105	3683098	48.744	ug/l	100
86) p-Isopropyltoluene	13.29	119	3288105	50.241	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1795516	44.769	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1749413	43.695	ug/l	100
89) n-Butylbenzene	13.62	91	2727412	48.677	ug/l	100
90) Hexachloroethane	13.88	117	320643	46.641	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1743836	44.733	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	138931	42.203	ug/l	100

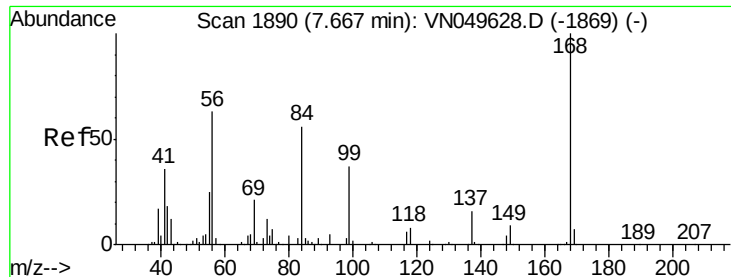
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	865045	48.189	ug/l	100
94) Hexachlorobutadiene	15.01	225	532298	42.754	ug/l	100
95) Naphthalene	15.14	128	1800820	46.756	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	830684	44.976	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

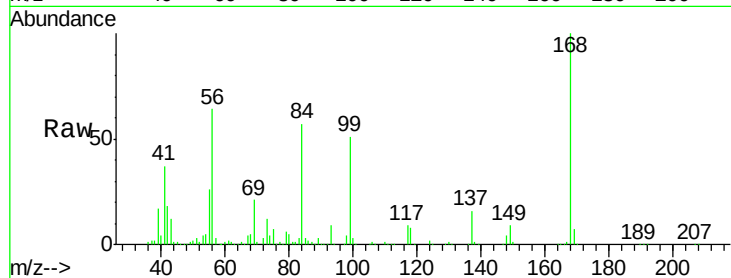
VSTDICCC050

Tgt Ion:168 Resp: 1361767

Ion Ratio Lower Upper

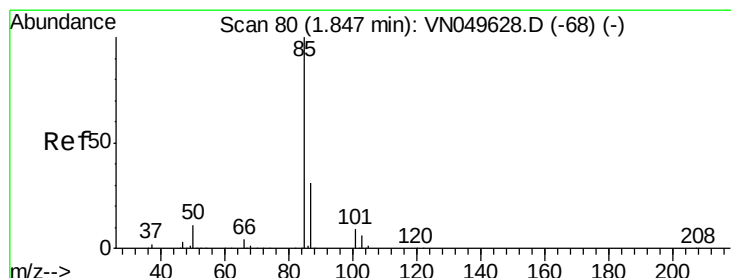
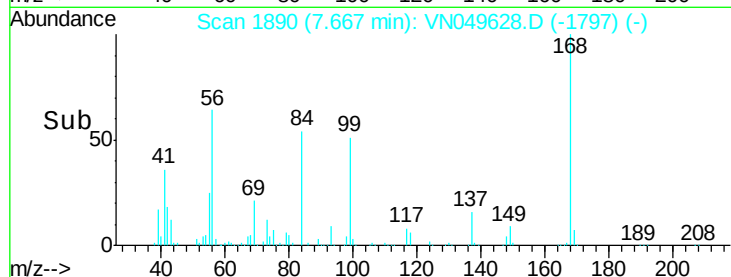
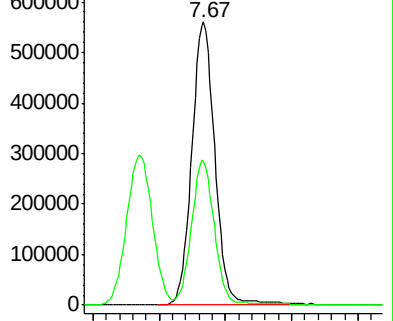
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.688 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049628.D

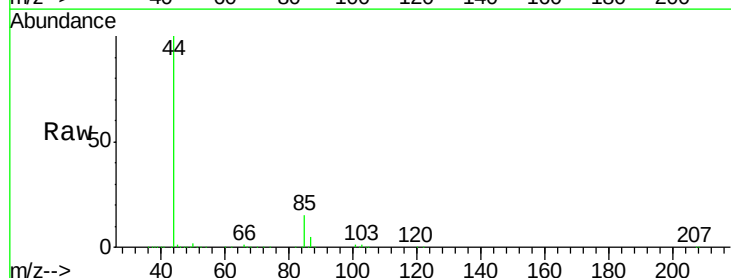
Acq: 29 Jun 2018 12:10

Tgt Ion: 85 Resp: 762527

Ion Ratio Lower Upper

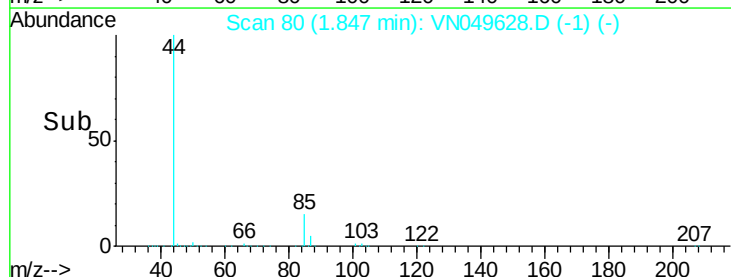
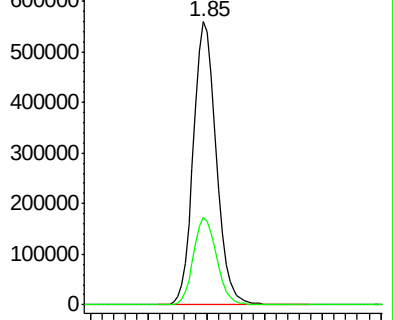
85 100

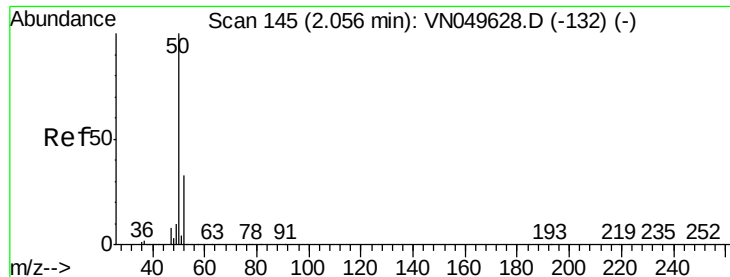
87 30.7 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.566 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

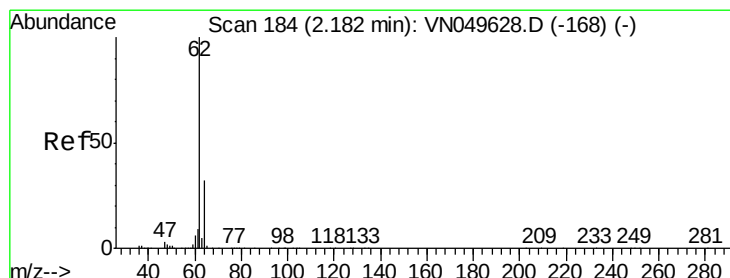
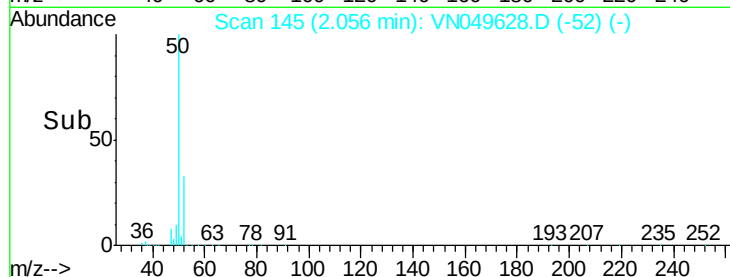
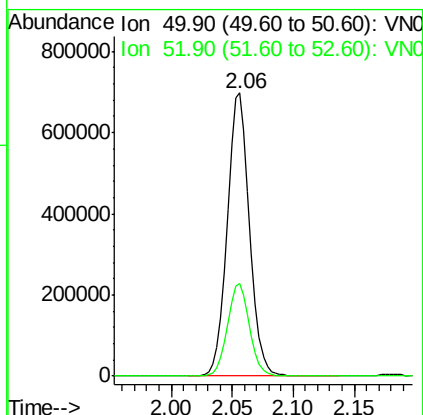
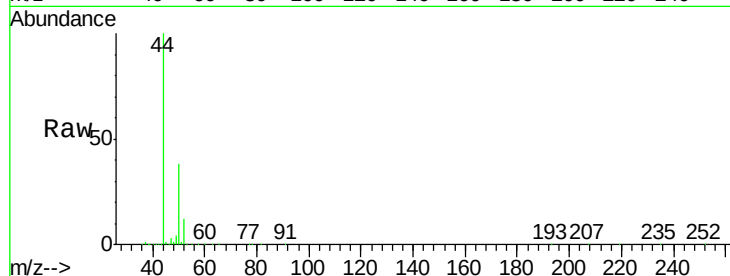
VSTDICCC050

Tgt Ion: 50 Resp: 892548

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 47.763 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049628.D

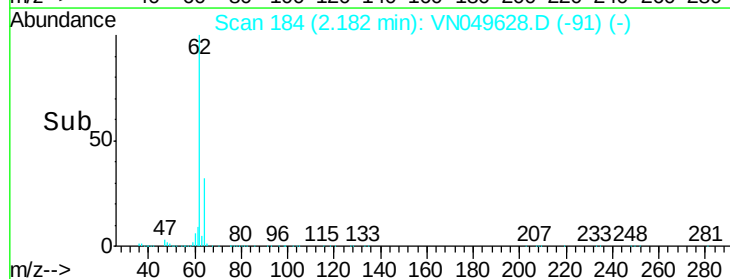
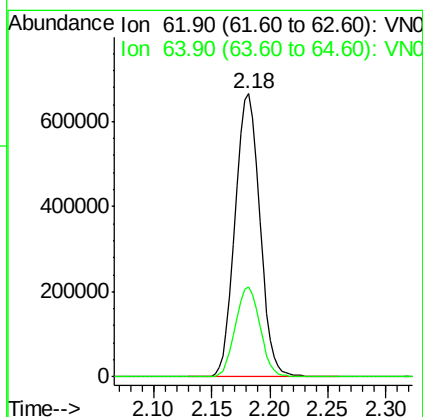
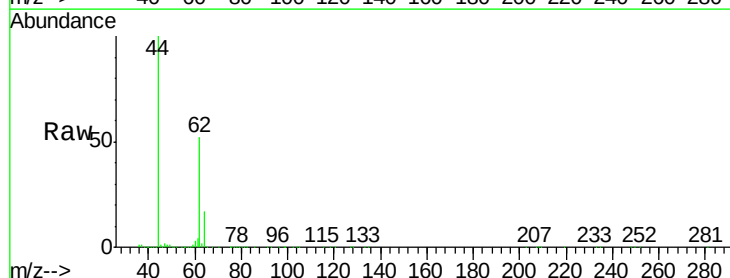
Acq: 29 Jun 2018 12:10

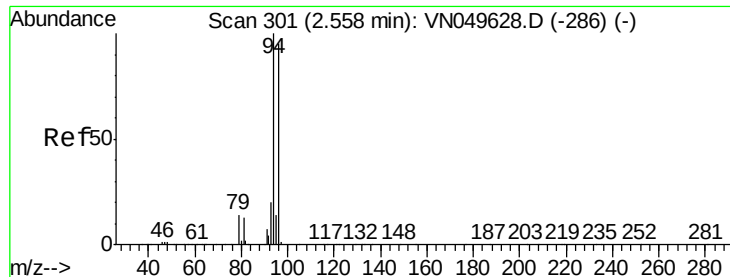
Tgt Ion: 62 Resp: 983271

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 43.872 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

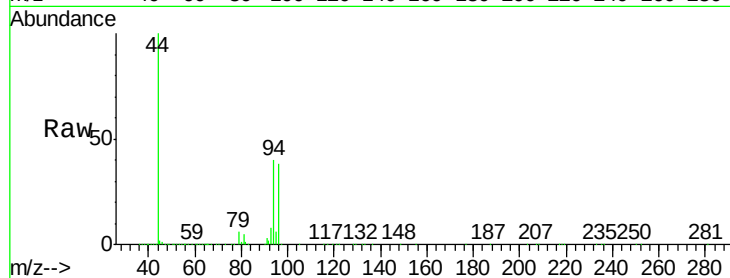
VSTDICCC050

Tgt Ion: 94 Resp: 474408

Ion Ratio Lower Upper

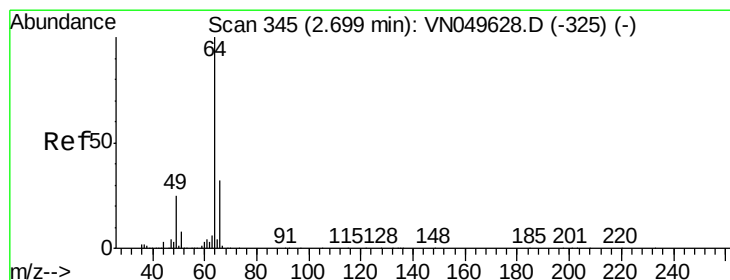
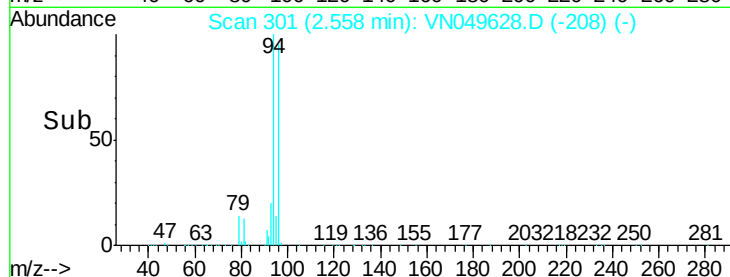
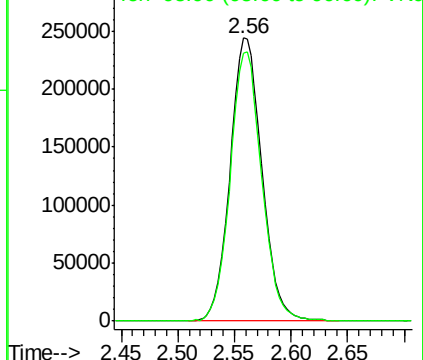
94 100

96 94.6 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: 46.283 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049628.D

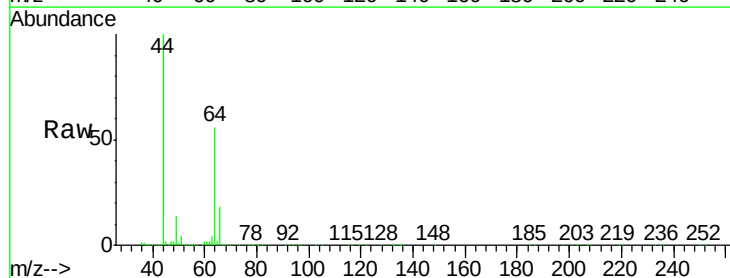
Acq: 29 Jun 2018 12:10

Tgt Ion: 64 Resp: 603063

Ion Ratio Lower Upper

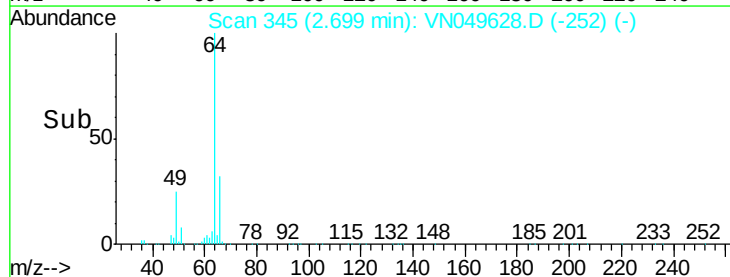
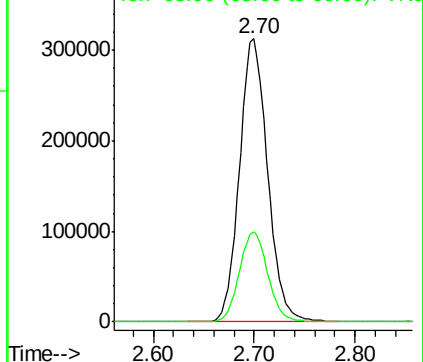
64 100

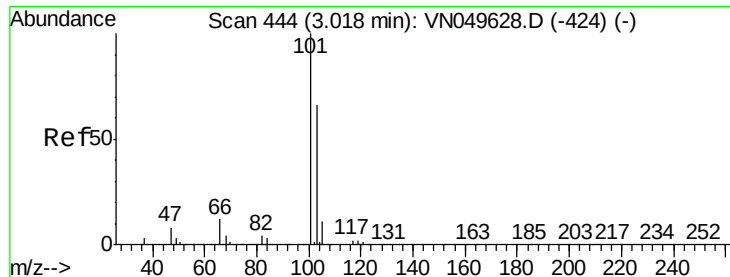
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



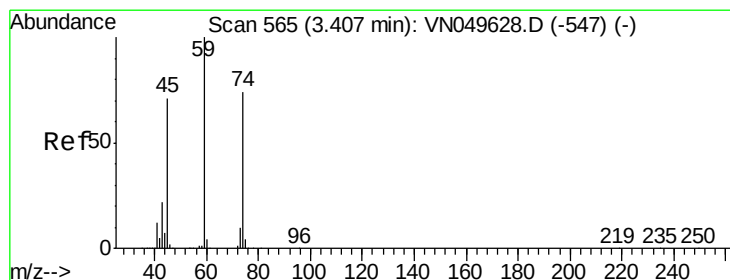
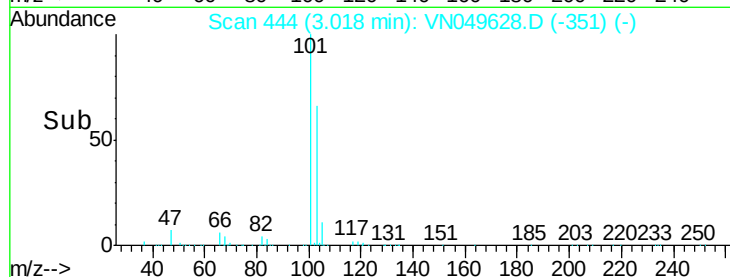
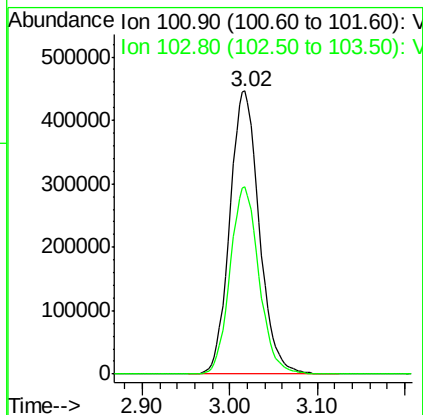
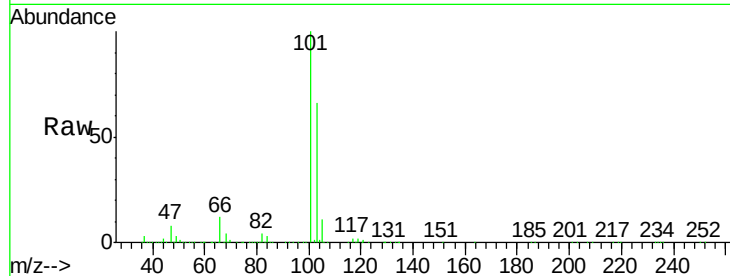


#7

Trichlorofluoromethane
Concen: 44.234 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

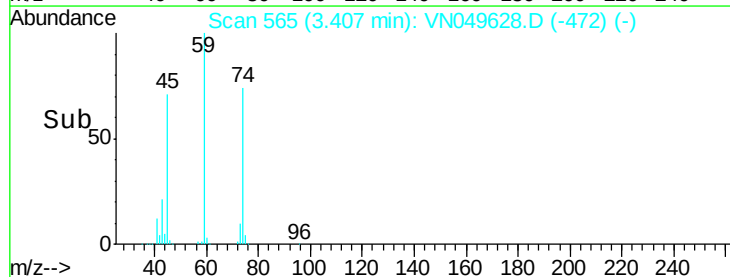
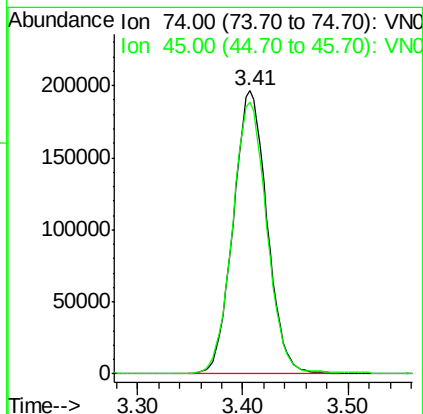
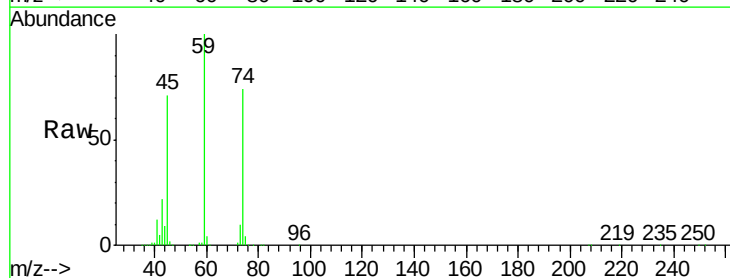
Tgt Ion:101 Resp: 1040160
Ion Ratio Lower Upper
101 100
103 66.0 52.8 79.2

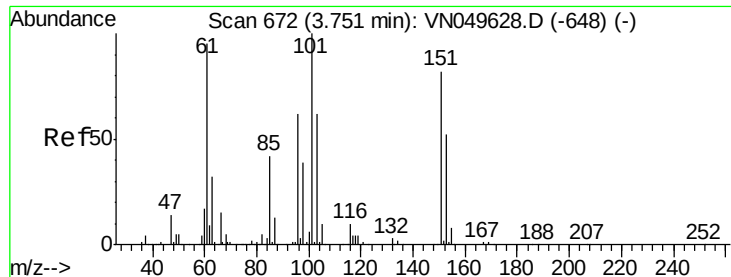


#8

Diethyl Ether
Concen: 45.845 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 74 Resp: 436968
Ion Ratio Lower Upper
74 100
45 96.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.914 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

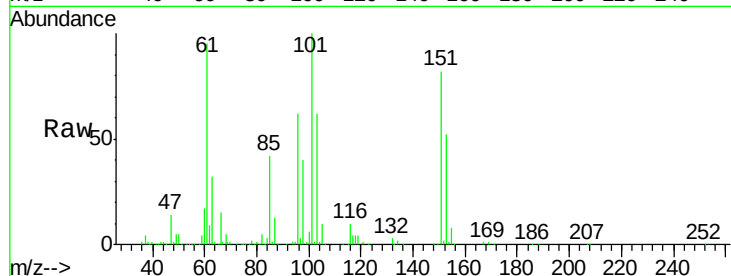
Tgt Ion:101 Resp: 776776

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

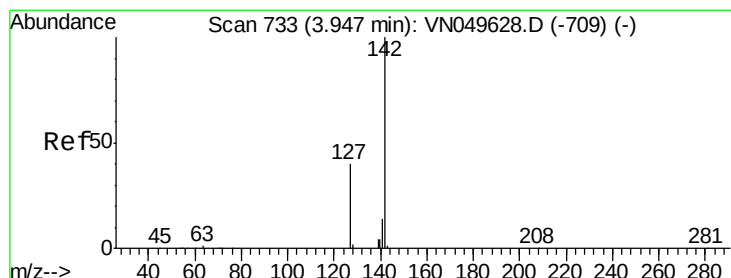
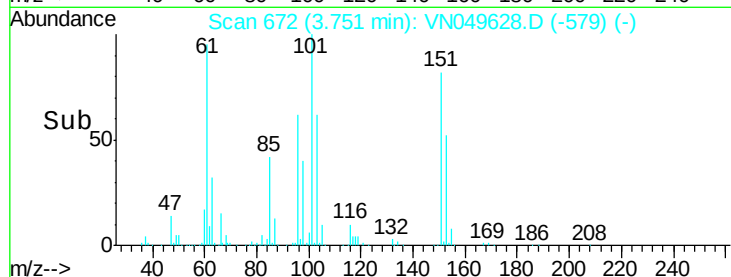
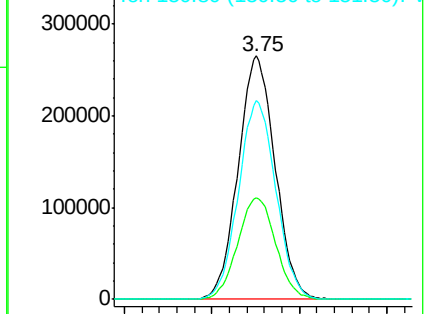
151 82.8 66.2 99.4



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: 47.104 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

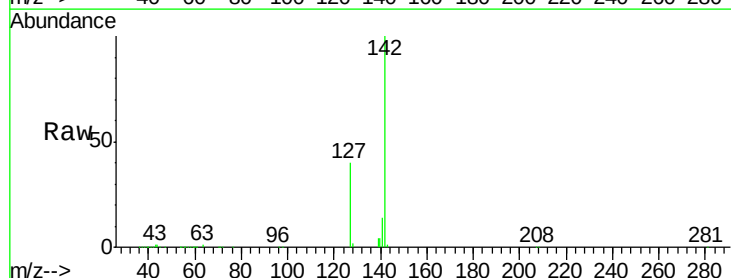
Tgt Ion:142 Resp: 997352

Ion Ratio Lower Upper

142 100

127 40.6 32.5 48.7

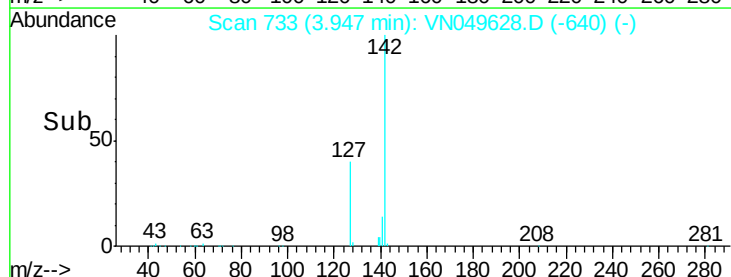
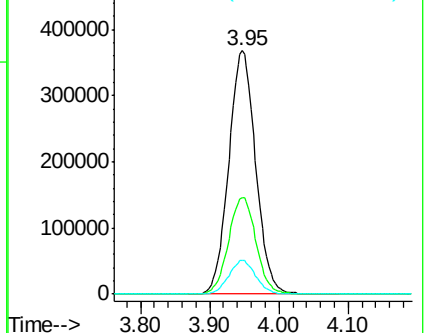
141 13.9 11.1 16.7

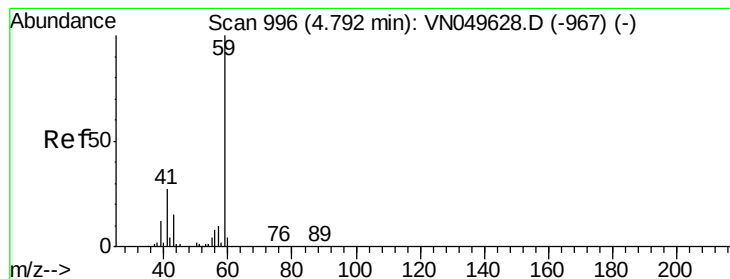


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



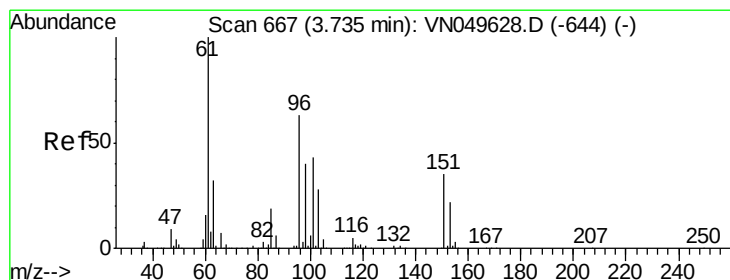
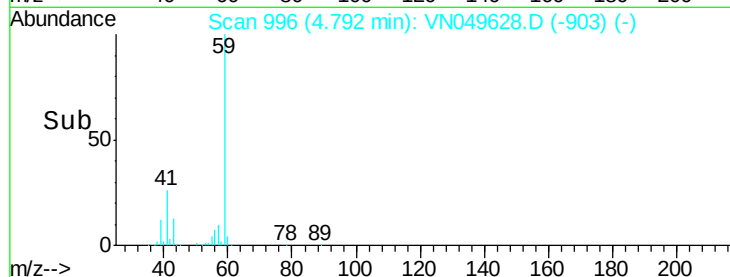
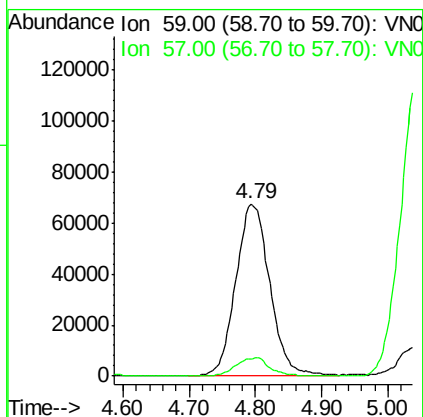
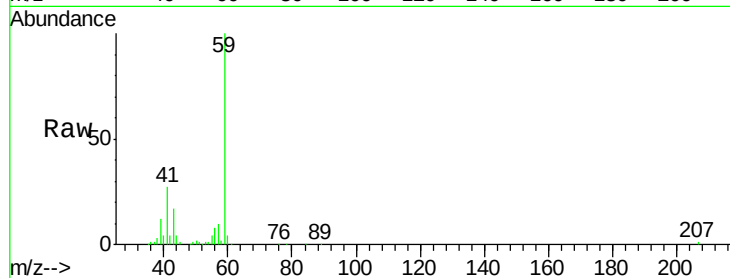


#11

Tert butyl alcohol
 Concen: 233.881 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

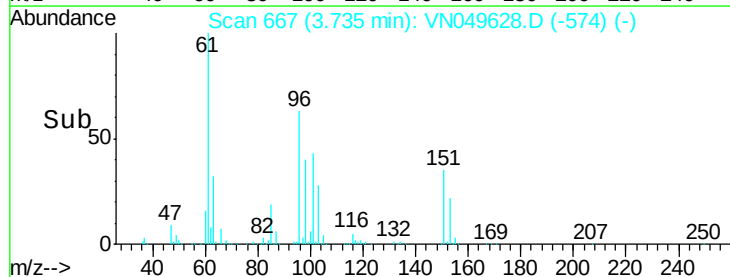
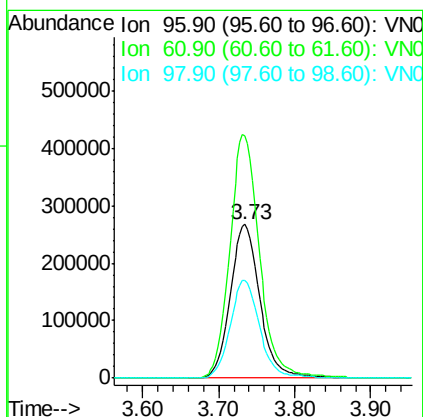
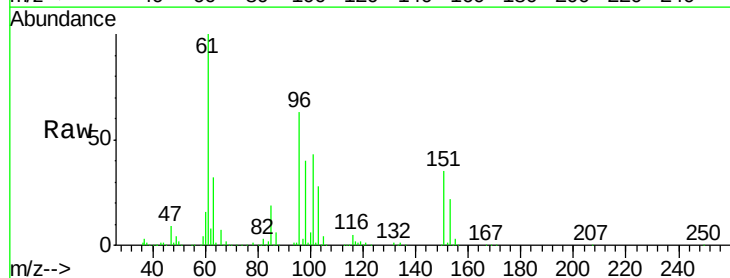
Tgt Ion: 59 Resp: 241355
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

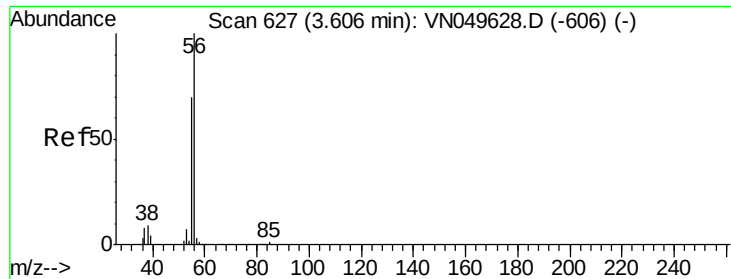


#12

1,1-Dichloroethene
 Concen: 45.288 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion: 96 Resp: 724354
 Ion Ratio Lower Upper
 96 100
 61 158.1 126.5 189.7
 98 63.8 51.0 76.6





#13

Acrolein

Concen: 257.924 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

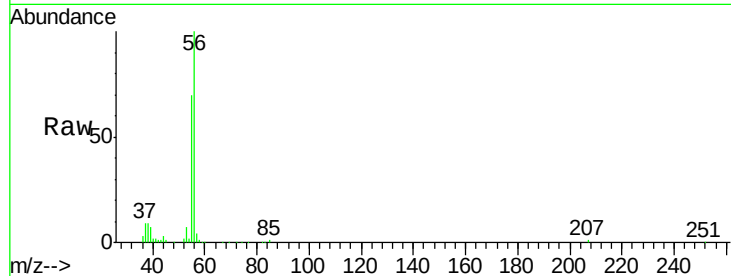
VSTDICCC050

Tgt Ion: 56 Resp: 248620

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049628.D (-606) (-)

Ion 55.00 (54.70 to 55.70): VN049628.D (-606) (-)

3.61

100000

80000

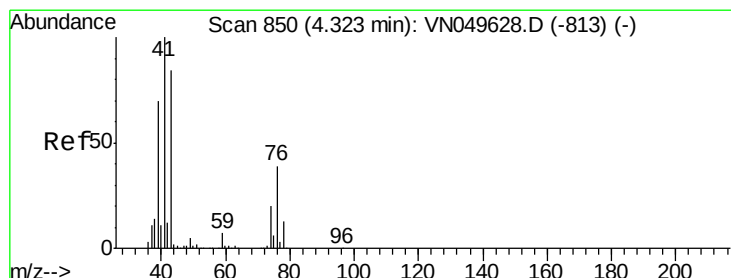
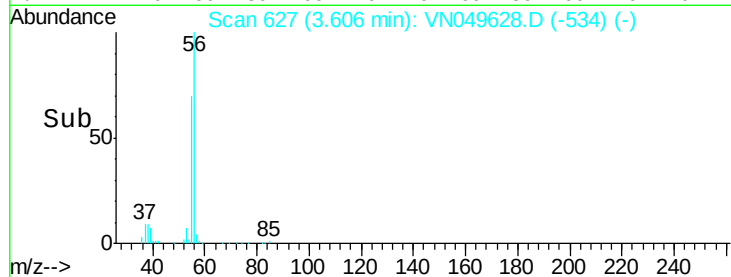
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 43.149 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

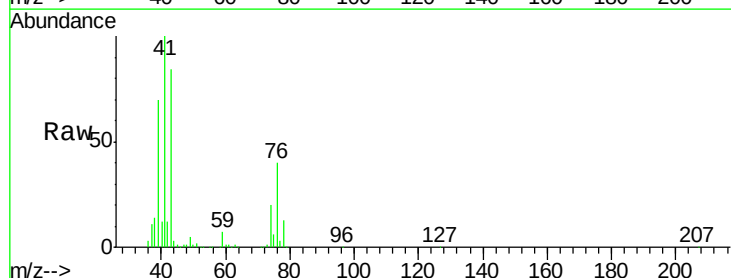
Tgt Ion: 41 Resp: 947989

Ion Ratio Lower Upper

41 100

39 66.5 53.2 79.8

76 36.3 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VN049628.D (-813) (-)

Ion 39.00 (38.70 to 39.70): VN049628.D (-813) (-)

Ion 75.90 (75.60 to 76.60): VN049628.D (-813) (-)

4.32

400000

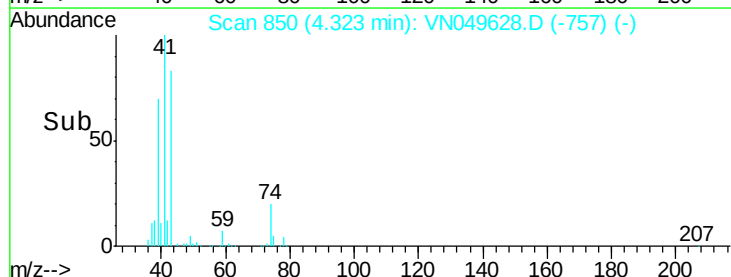
300000

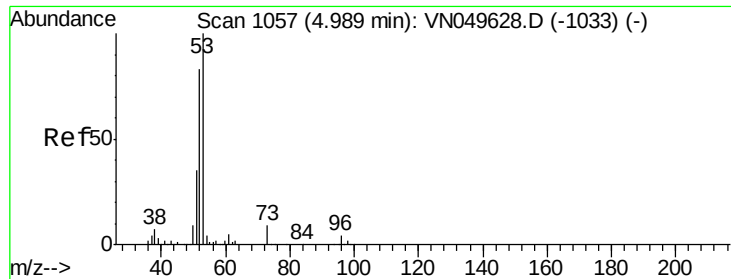
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 235.519 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

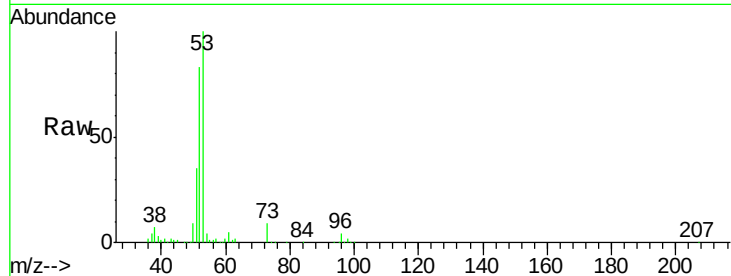
Tgt Ion: 53 Resp: 1255287

Ion Ratio Lower Upper

53 100

52 81.0 64.8 97.2

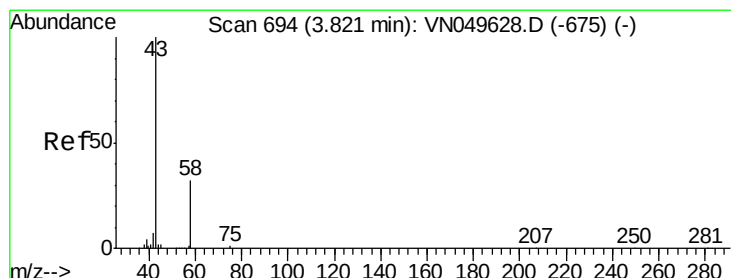
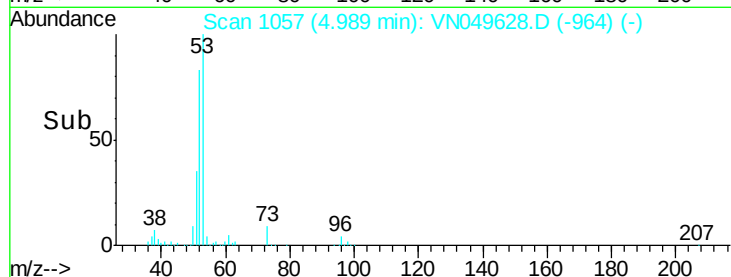
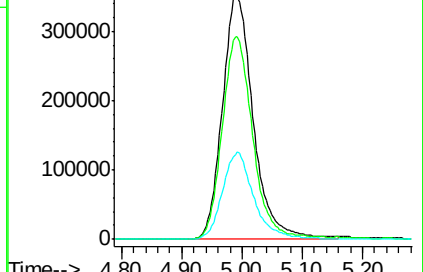
51 36.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049628.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049628.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049628.D (-1033) (-)



#16

Acetone

Concen: 192.220 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049628.D

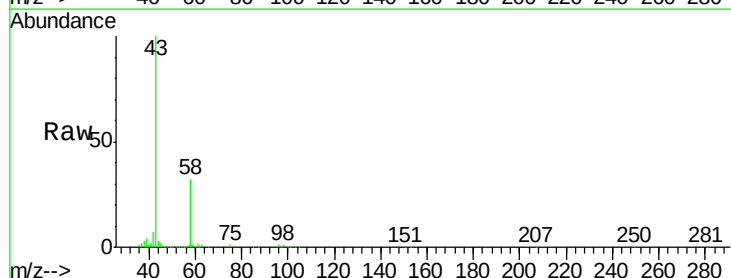
Acq: 29 Jun 2018 12:10

Tgt Ion: 43 Resp: 856164

Ion Ratio Lower Upper

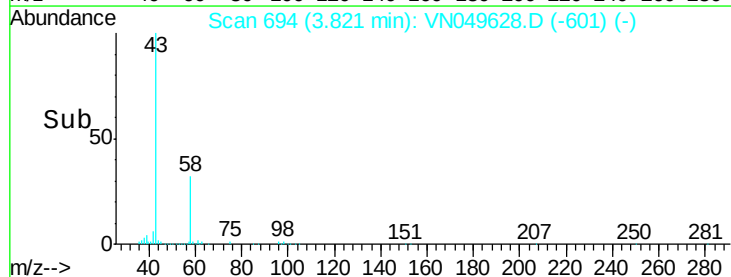
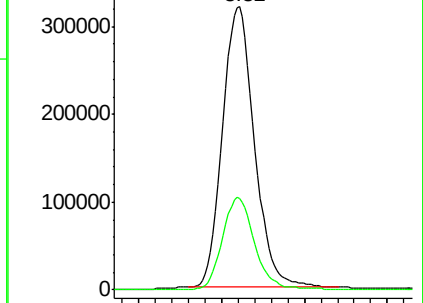
43 100

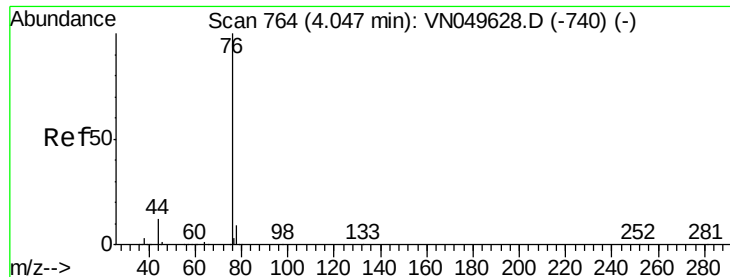
58 32.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-675) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-675) (-)





#17

Carbon Disulfide

Concen: 43.234 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

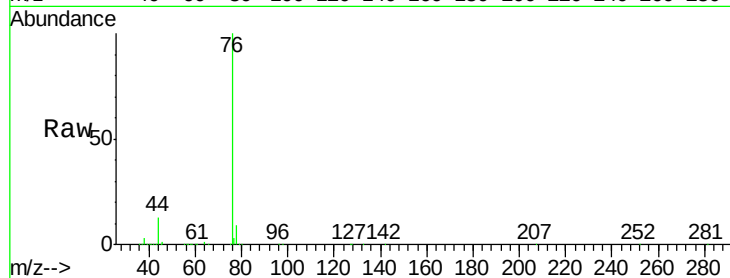
VSTDICCC050

Tgt Ion: 76 Resp: 2096169

Ion Ratio Lower Upper

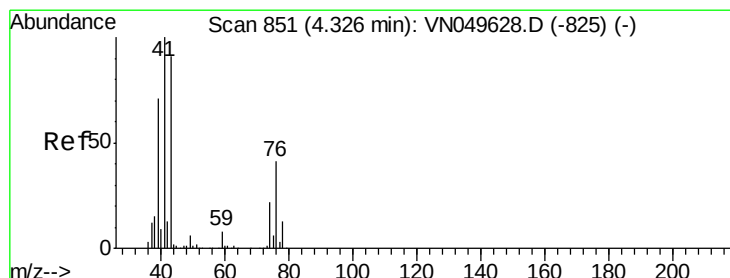
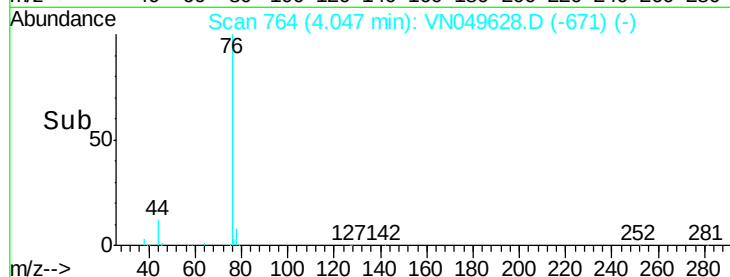
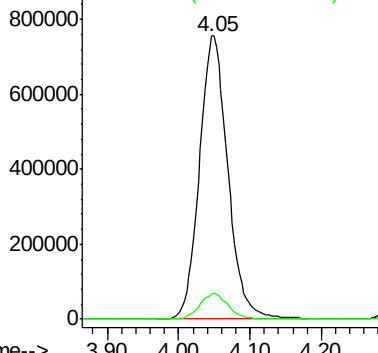
76 100

78 8.9 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: 28.596 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049628.D

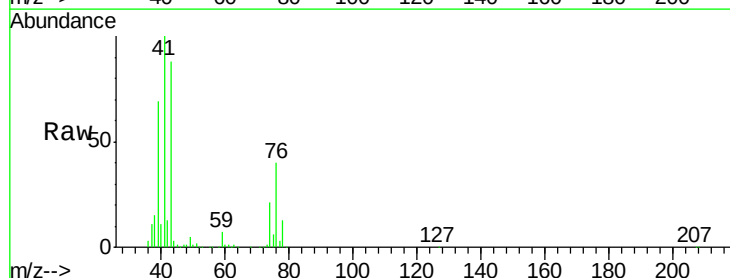
Acq: 29 Jun 2018 12:10

Tgt Ion: 43 Resp: 774930

Ion Ratio Lower Upper

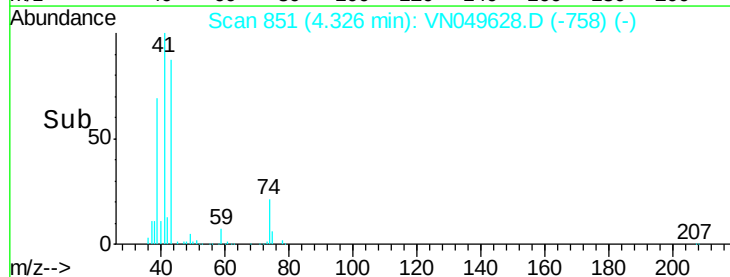
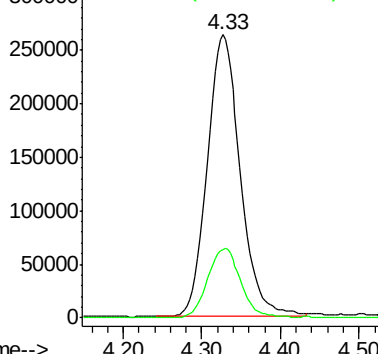
43 100

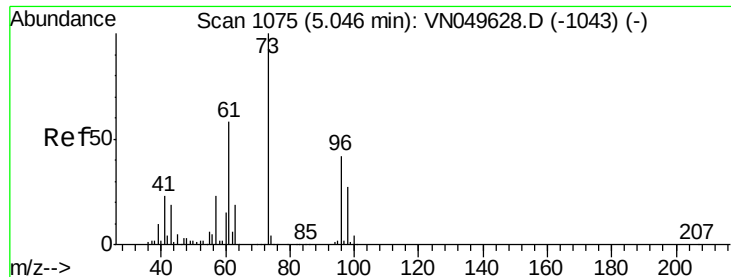
74 24.8 19.8 29.8



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: 47.490 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

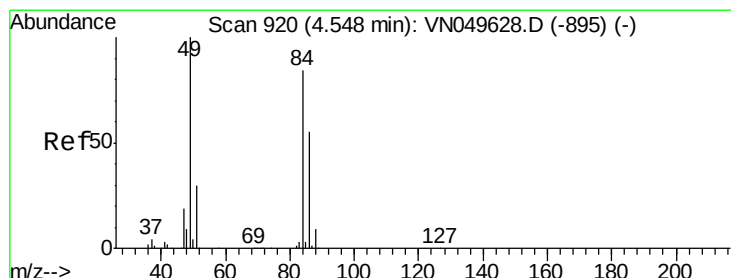
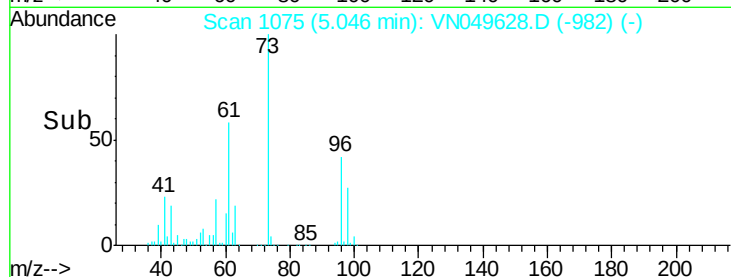
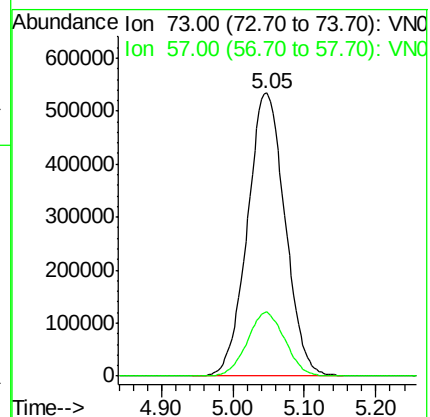
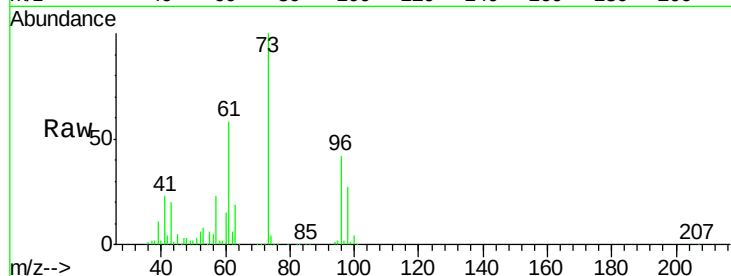
VSTDICCC050

Tgt Ion: 73 Resp: 1958100

Ion Ratio Lower Upper

73 100

57 22.6 18.1 27.1



#20

Methylene Chloride

Concen: 43.883 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Tgt Ion: 84 Resp: 812637

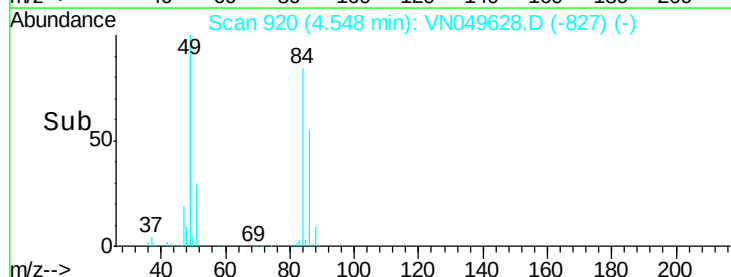
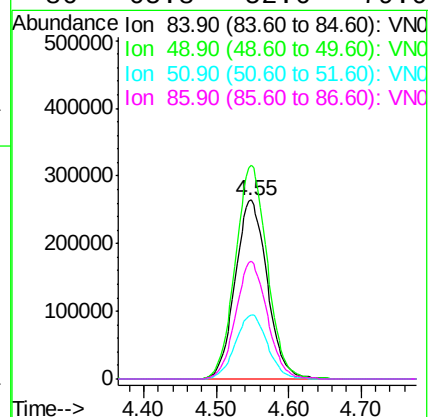
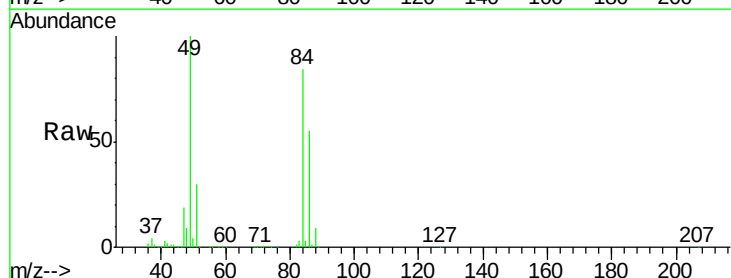
Ion Ratio Lower Upper

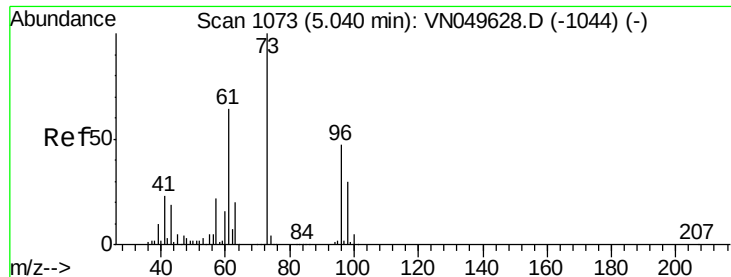
84 100

49 119.3 95.4 143.2

51 35.5 28.4 42.6

86 65.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.645 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

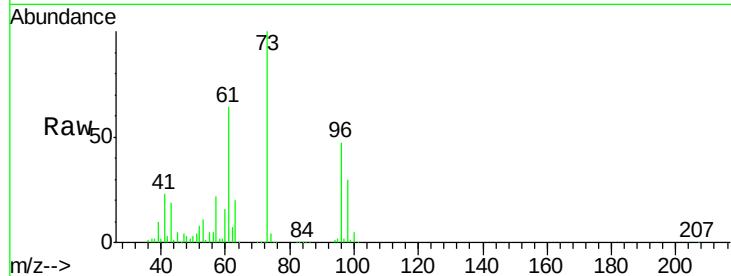
Tgt Ion: 96 Resp: 767814

Ion Ratio Lower Upper

96 100

61 136.3 109.0 163.6

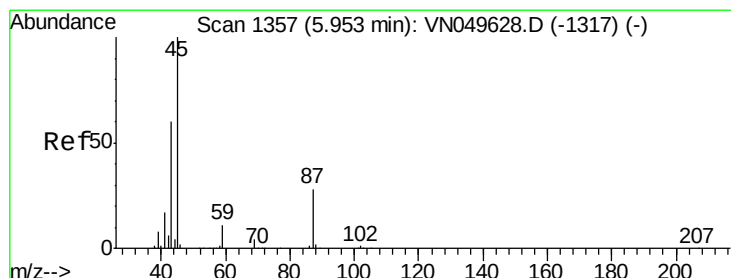
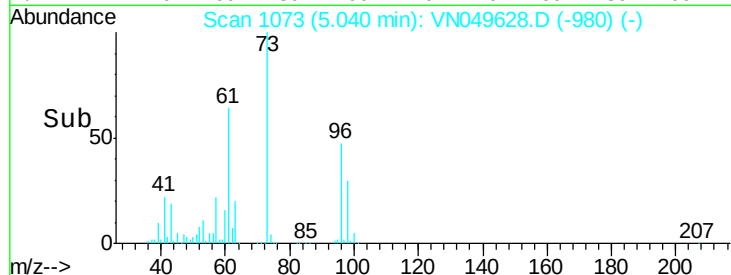
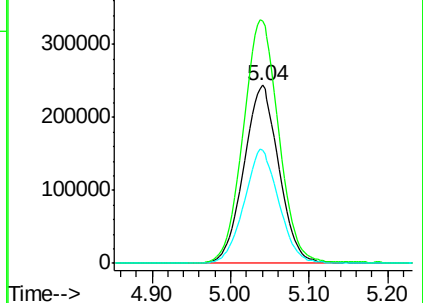
98 63.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049628.D (-1044) (-)

Ion 60.90 (60.60 to 61.60): VN049628.D (-1044) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-1044) (-)



#22

Diisopropyl ether

Concen: 48.484 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Tgt Ion: 45 Resp: 2410000

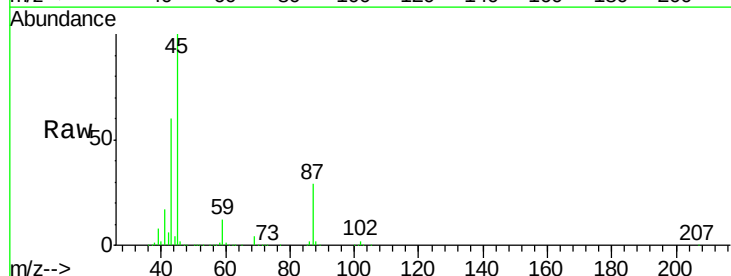
Ion Ratio Lower Upper

45 100

43 60.1 48.1 72.1

87 28.3 22.6 34.0

59 11.5 9.2 13.8

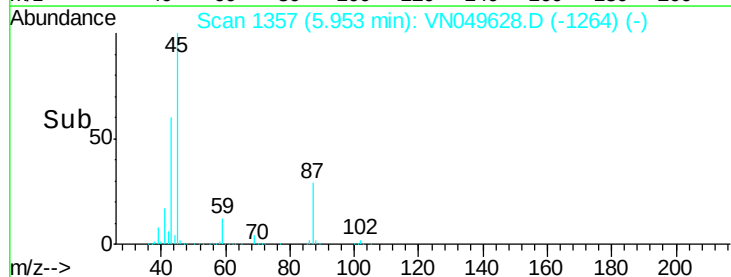
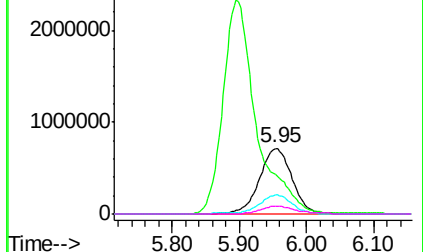


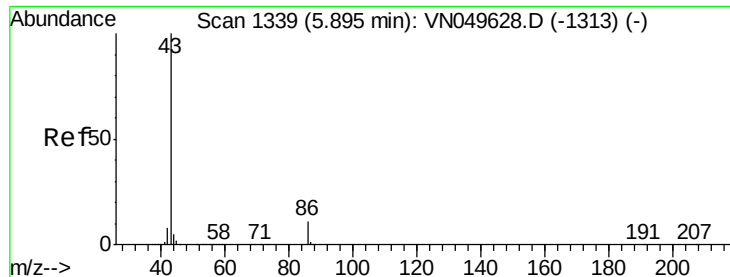
Abundance Ion 45.00 (44.70 to 45.70): VN049628.D (-1317) (-)

Ion 43.00 (42.70 to 43.70): VN049628.D (-1317) (-)

Ion 87.00 (86.70 to 87.70): VN049628.D (-1317) (-)

Ion 59.00 (58.70 to 59.70): VN049628.D (-1317) (-)

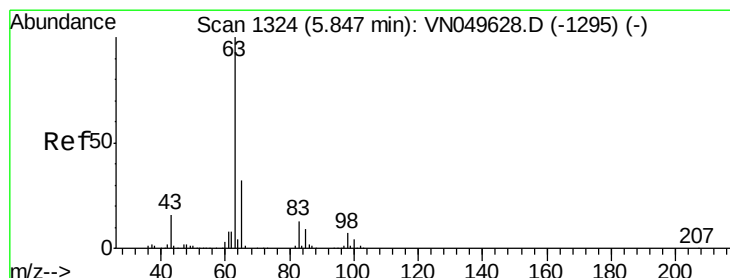
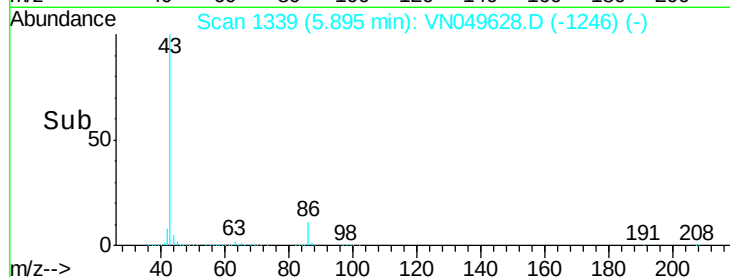
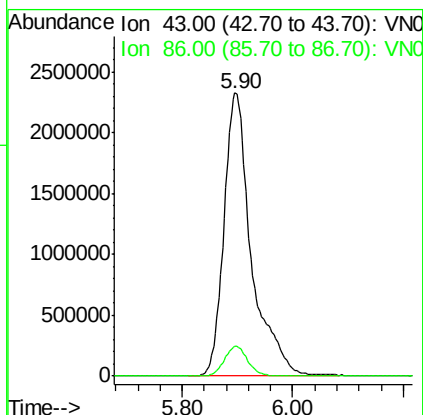
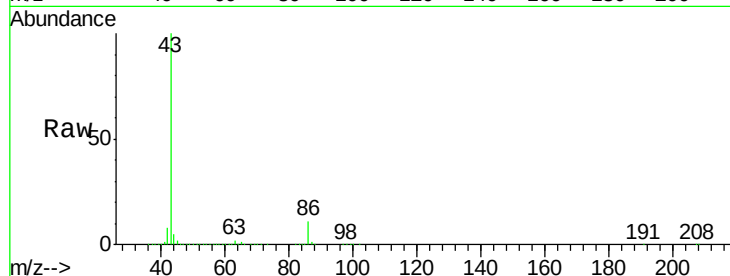




#23
 Vinyl Acetate
 Concen: 248.929 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

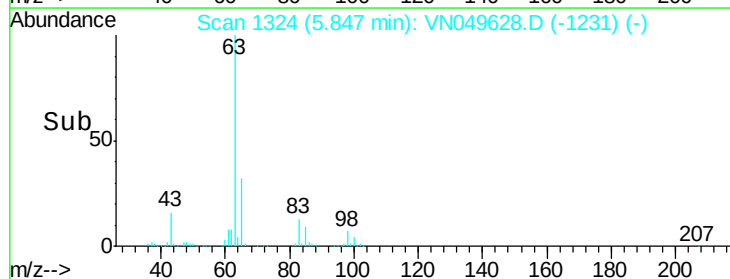
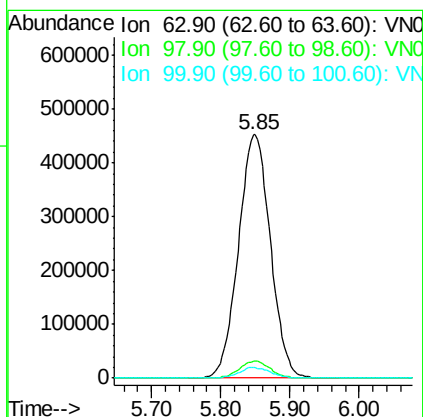
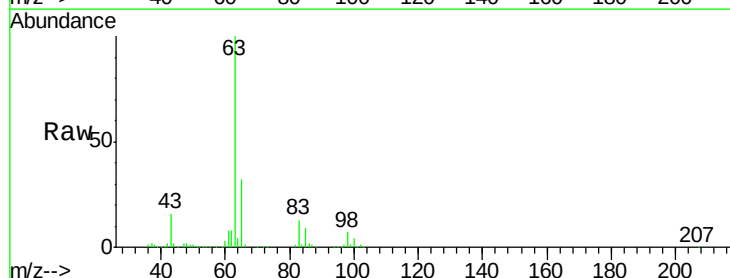
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

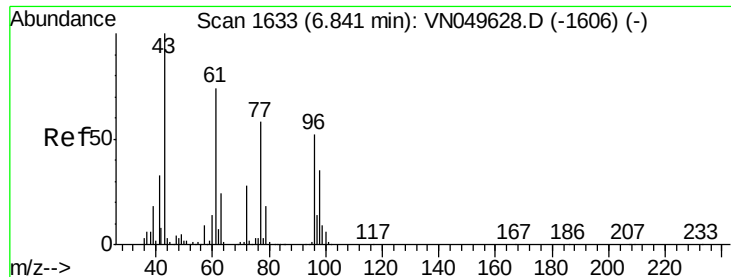
Tgt Ion: 43 Resp: 8023836
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 46.335 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion: 63 Resp: 1450930
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.4 2.2 6.6

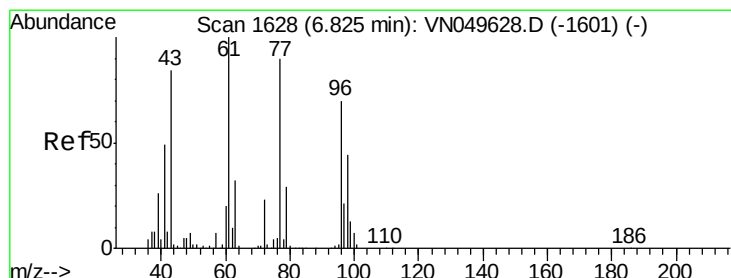
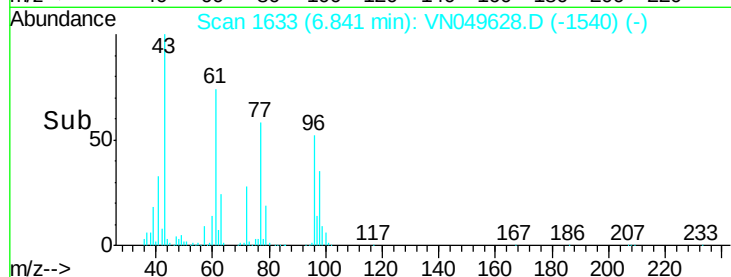
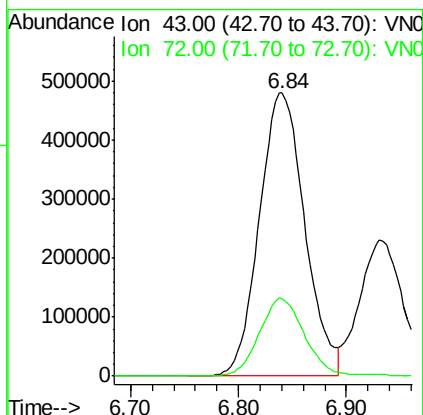
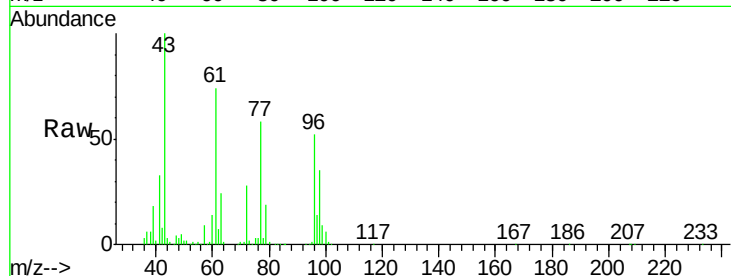




#25
2-Butanone
Concen: 233.663 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

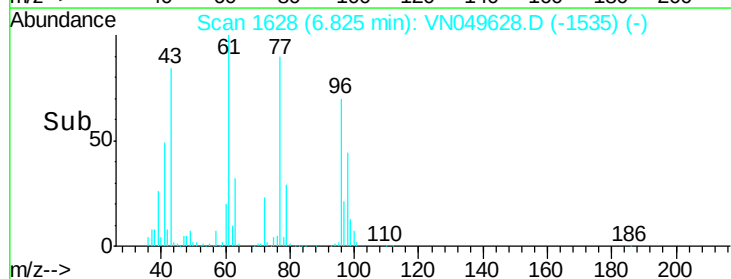
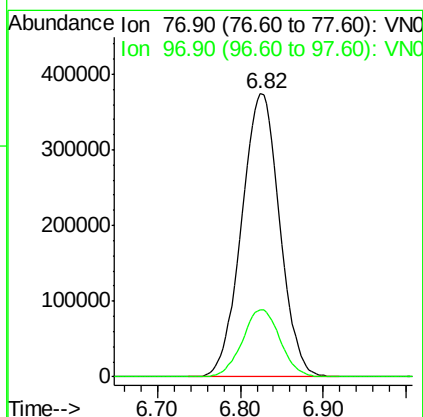
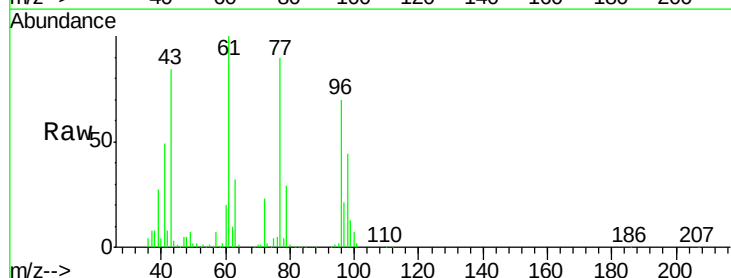
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

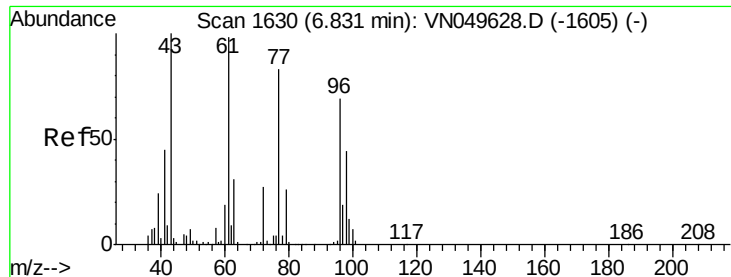
Tgt Ion: 43 Resp: 1394993
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 45.800 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 77 Resp: 1191147
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5

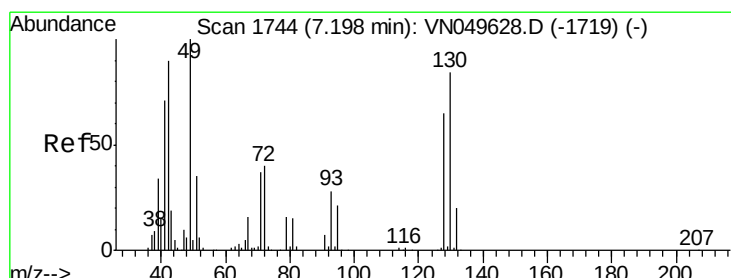
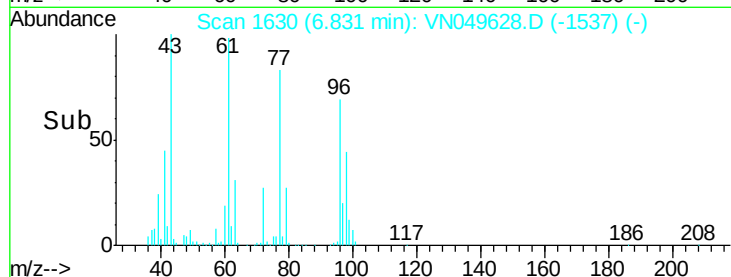
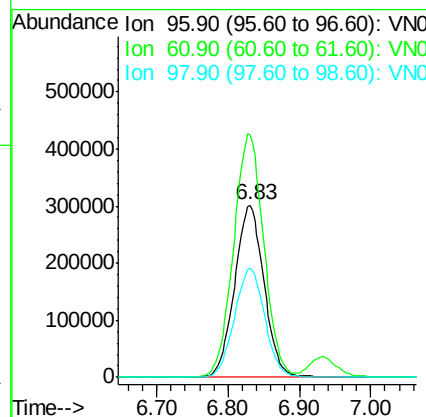
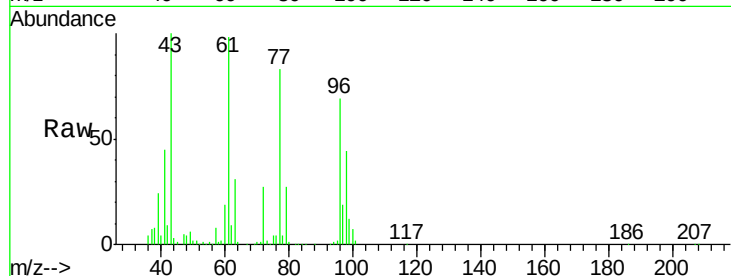




#27
 cis-1,2-Dichloroethene
 Concen: 47.203 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

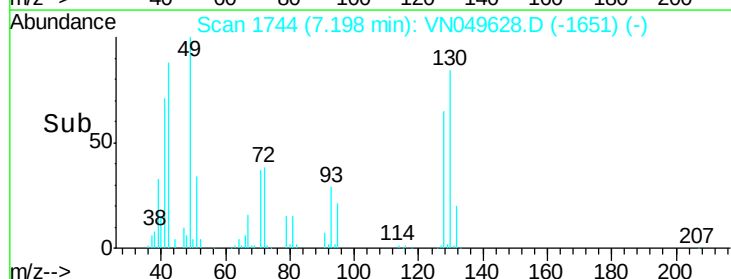
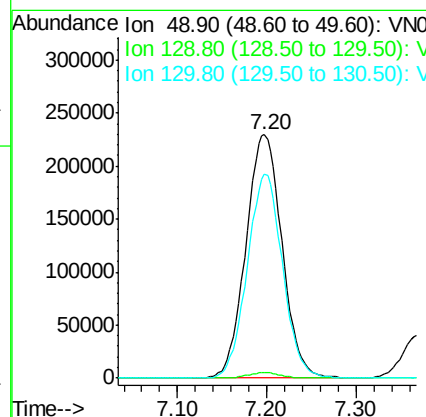
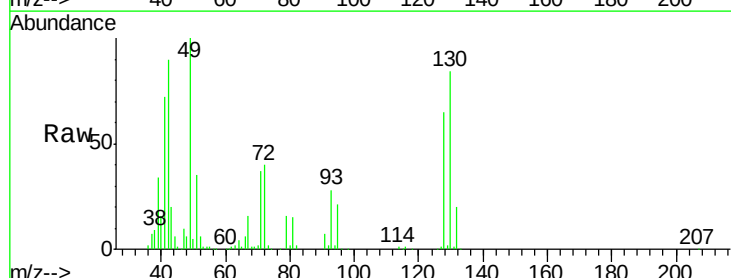
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

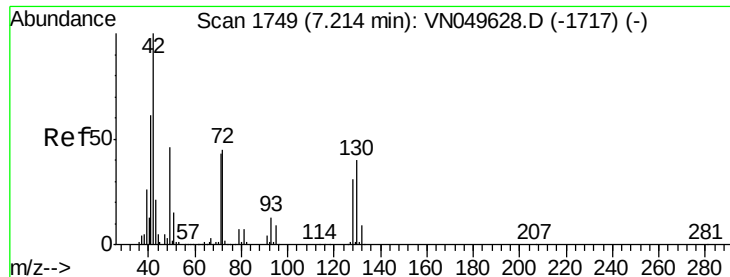
Tgt Ion: 96 Resp: 867957
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 289.0
 98 65.1 0.0 130.2



#28
 Bromochloromethane
 Concen: 48.745 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion: 49 Resp: 647832
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 81.9 65.5 98.3





#29

Tetrahydrofuran

Concen: 242.903 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

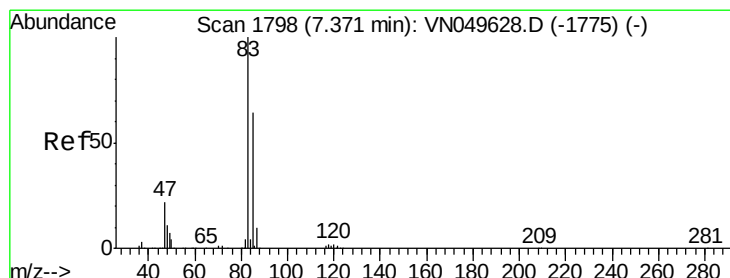
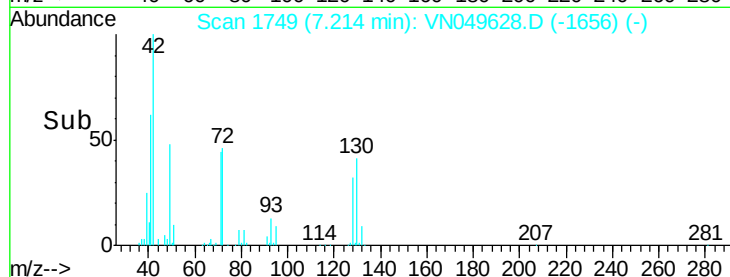
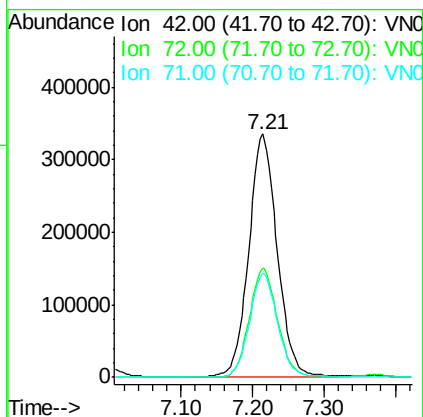
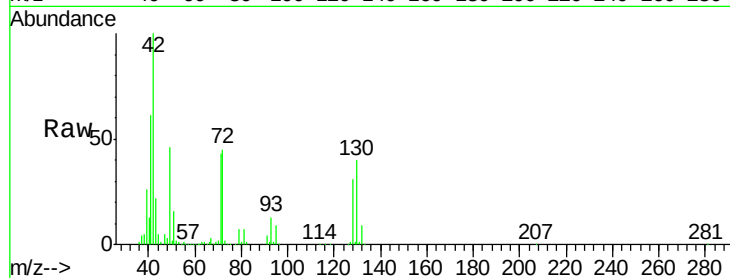
Tgt Ion: 42 Resp: 924279

Ion Ratio Lower Upper

42 100

72 44.5 35.6 53.4

71 42.5 34.0 51.0



#30

Chloroform

Concen: 46.193 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN049628.D

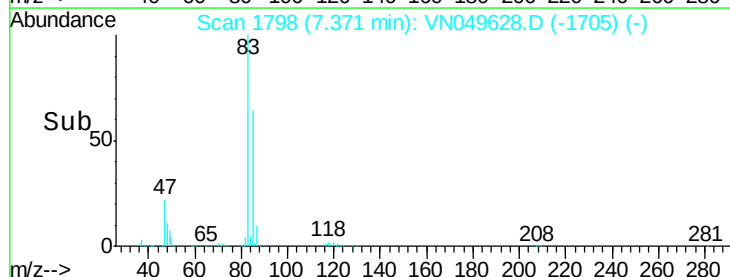
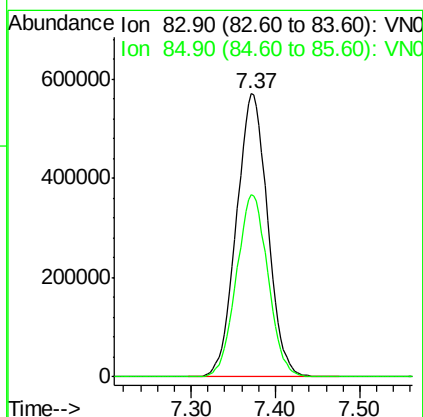
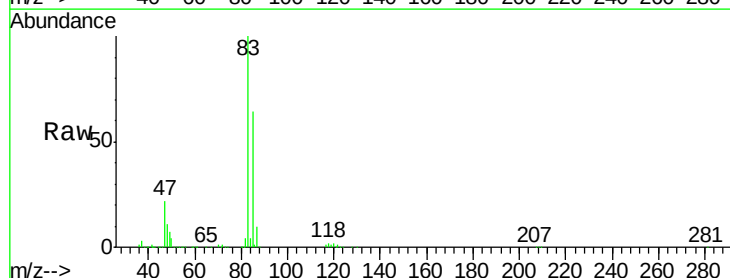
Acq: 29 Jun 2018 12:10

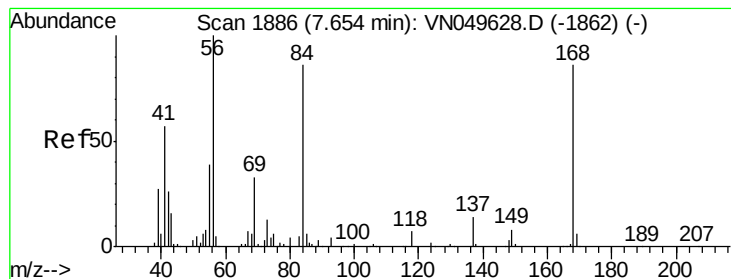
Tgt Ion: 83 Resp: 1474518

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.2





#31

Cyclohexane

Concen: 41.493 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

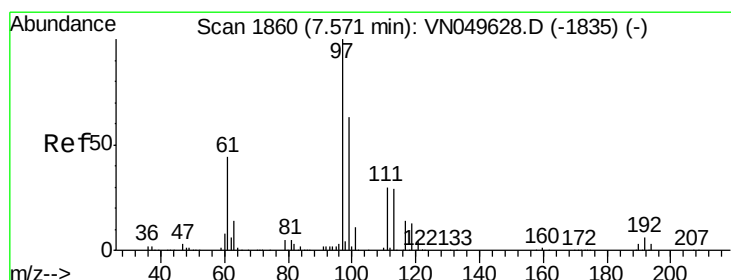
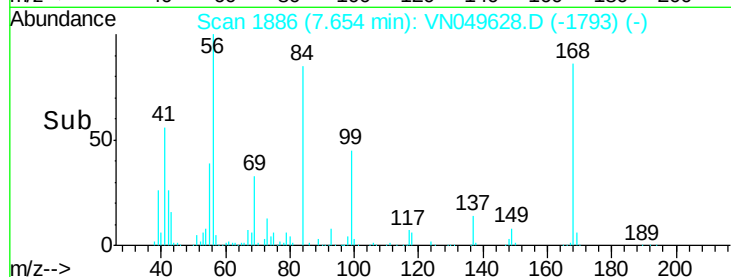
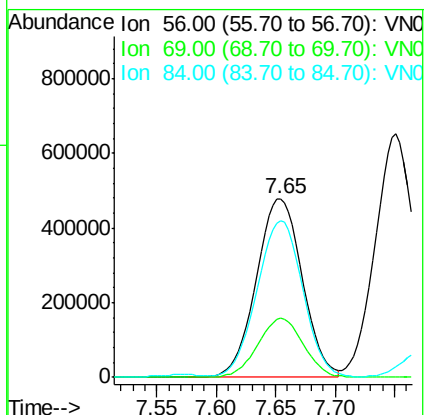
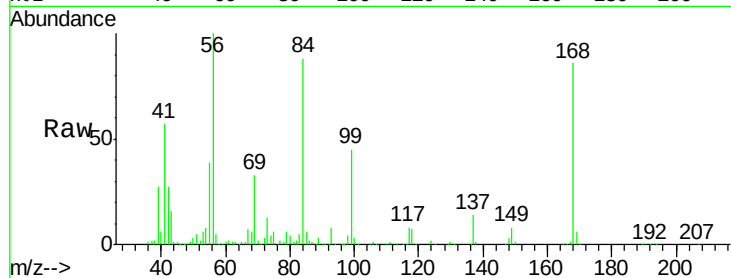
Tgt Ion: 56 Resp: 1279475

Ion Ratio Lower Upper

56 100

69 33.3 26.6 40.0

84 86.3 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 46.818 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

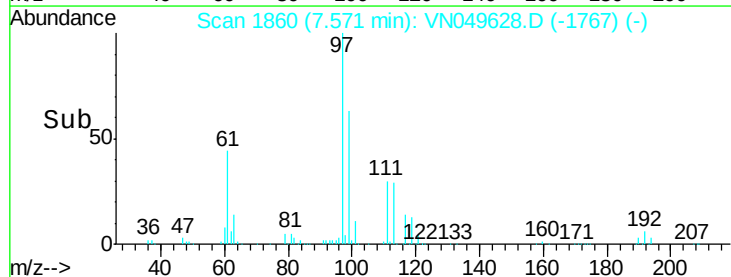
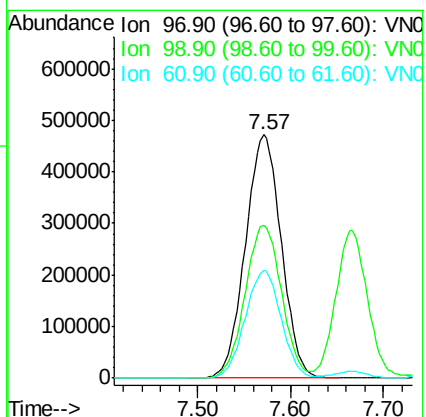
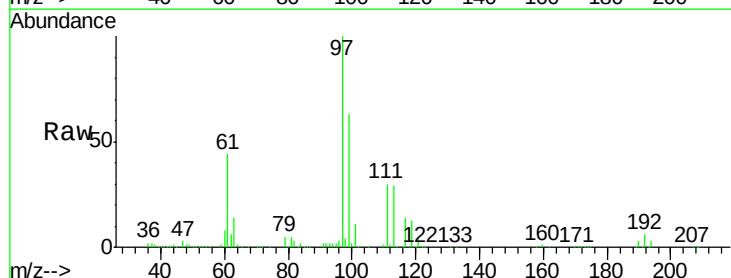
Tgt Ion: 97 Resp: 1265267

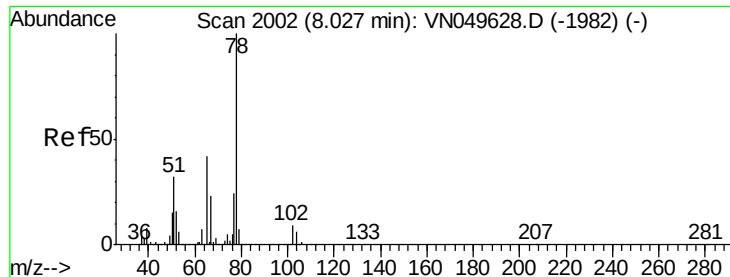
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 44.4 35.5 53.3

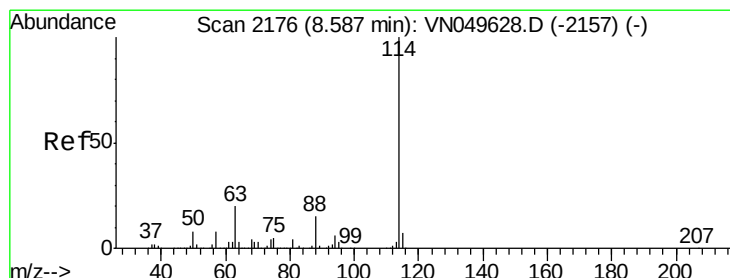
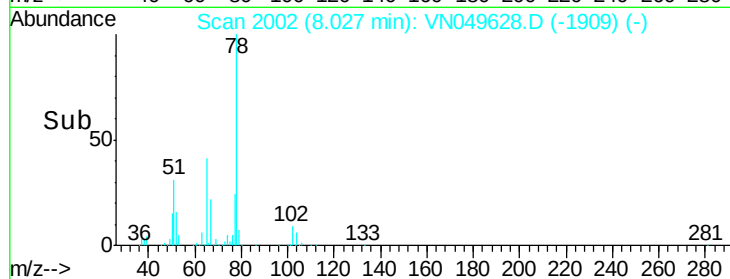
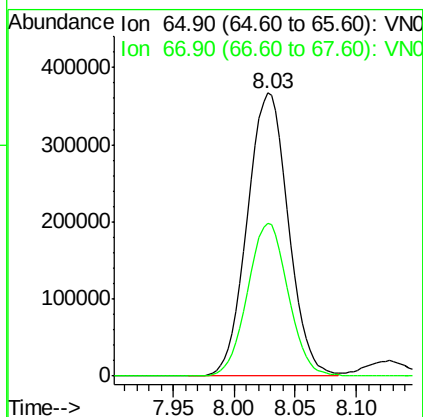
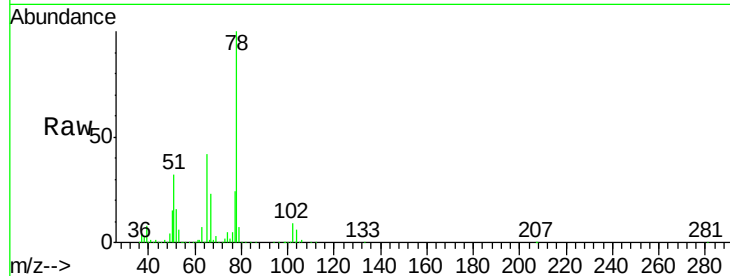




#33
 1,2-Dichloroethane-d4
 Concen: 47.542 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

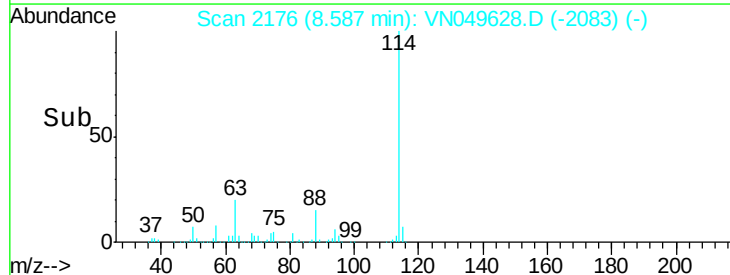
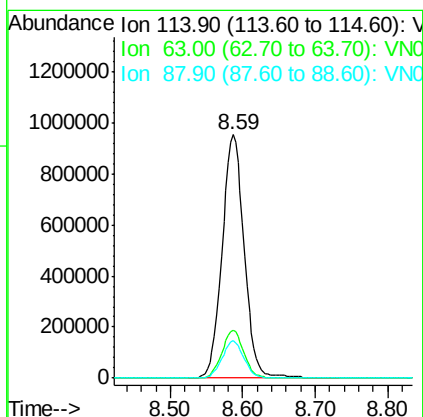
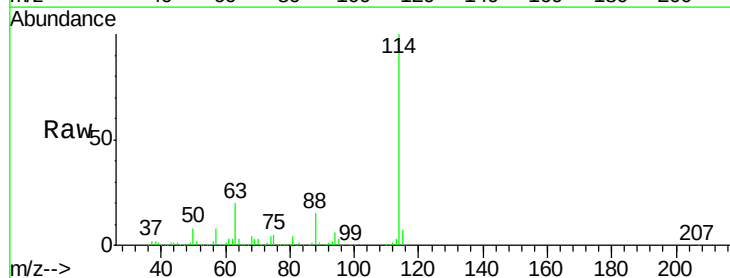
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

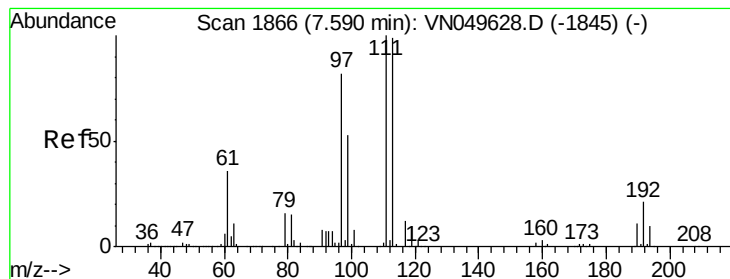
Tgt Ion: 65 Resp: 854965
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion: 114 Resp: 2010664
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.310 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

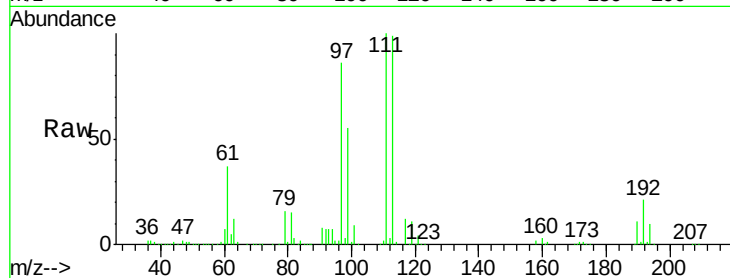
Tgt Ion:113 Resp: 741217

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

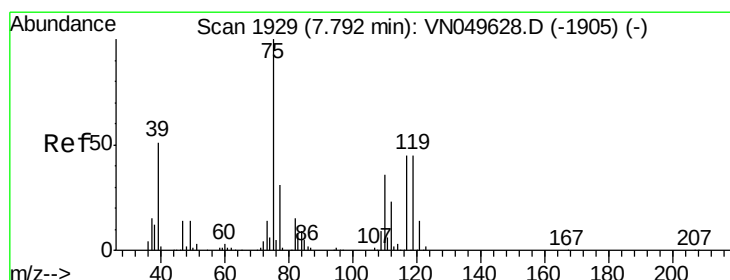
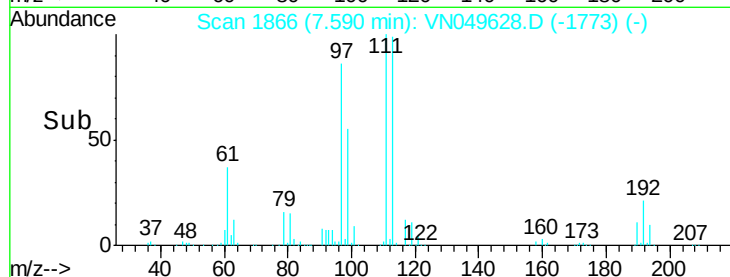
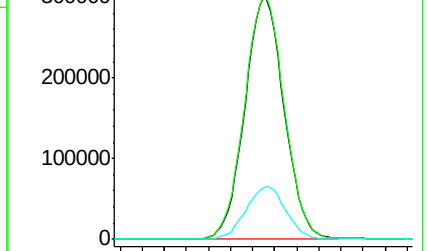
192 22.2 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.529 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

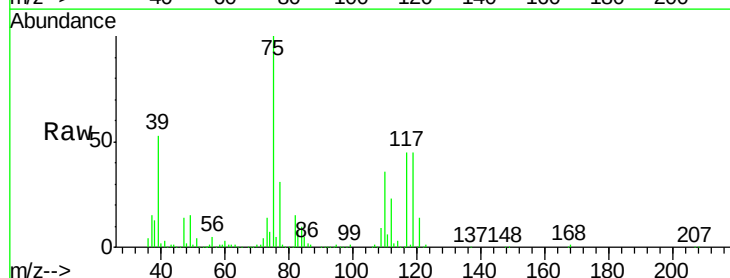
Tgt Ion: 75 Resp: 1120406

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

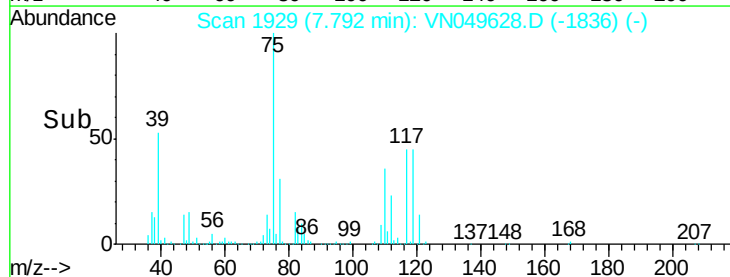
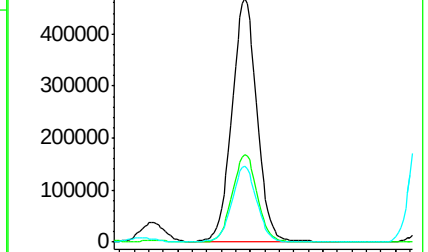
77 31.1 24.9 37.3

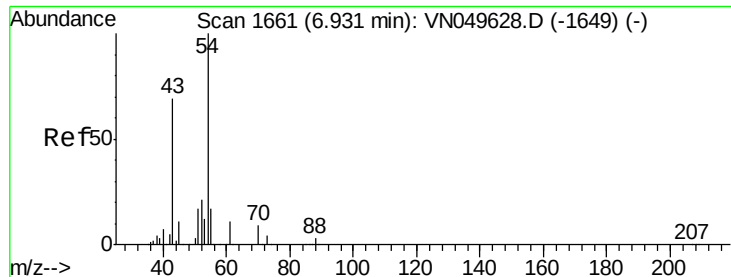


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

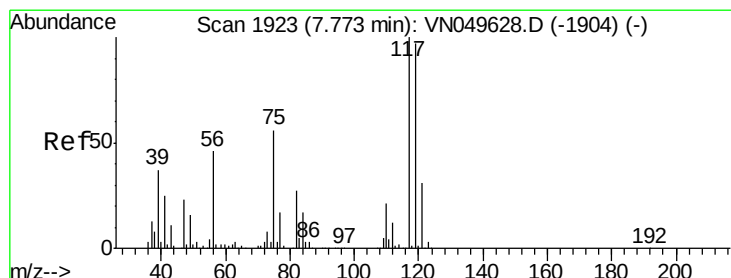
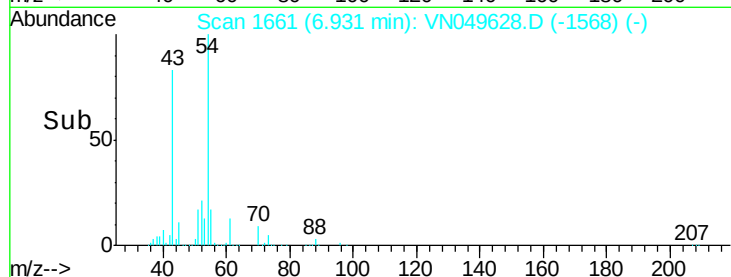
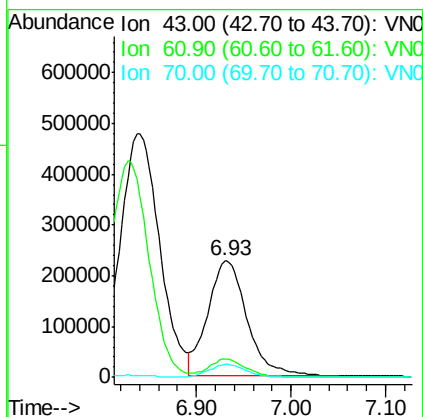
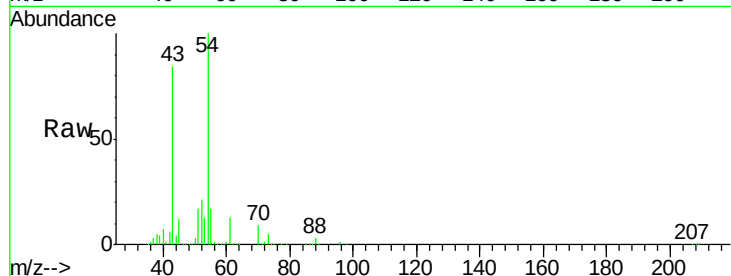




#37
Ethyl Acetate
 Concen: 49.626 ug/l
 RT: 6.93 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

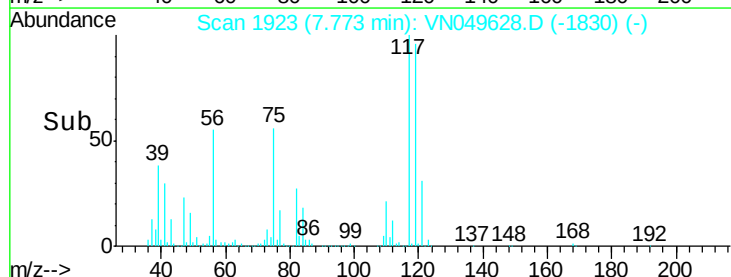
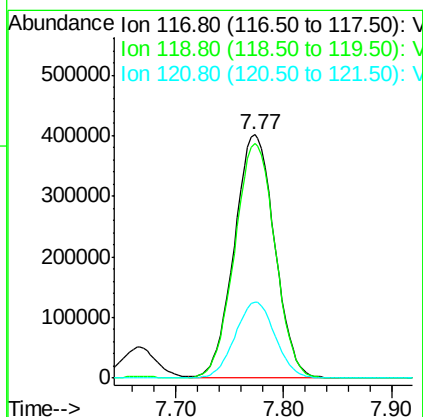
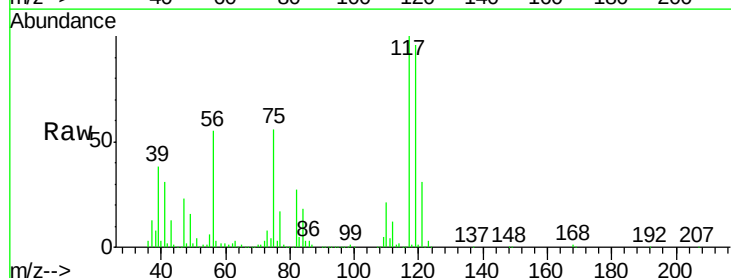
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

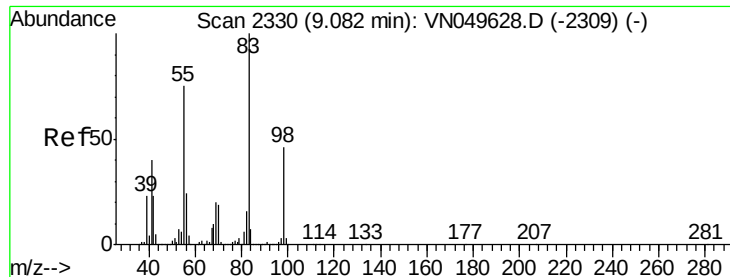
Tgt Ion: 43 Resp: 654778
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.7 17.5
 70 10.5 8.4 12.6



#38
Carbon Tetrachloride
 Concen: 47.373 ug/l
 RT: 7.77 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion: 117 Resp: 1042442
 Ion Ratio Lower Upper
 117 100
 119 96.5 77.2 115.8
 121 31.3 25.0 37.6

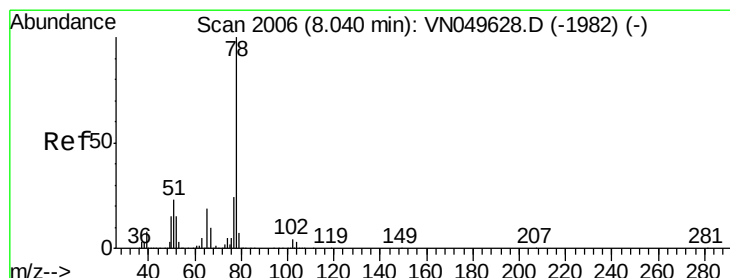
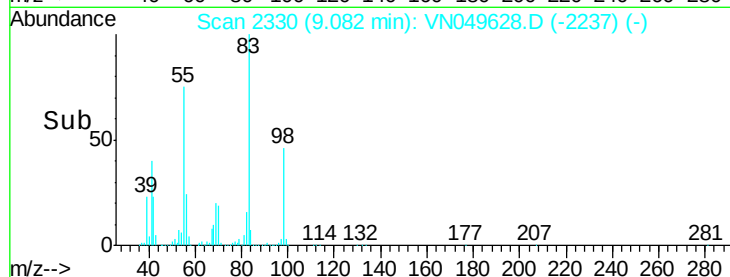
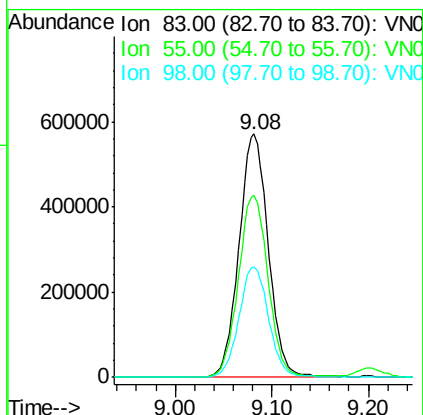
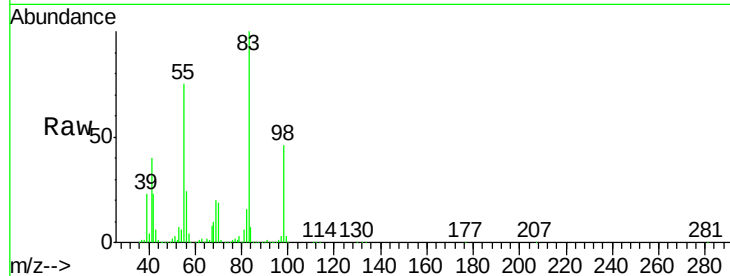




#39
Methylcyclohexane
Concen: 48.466 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

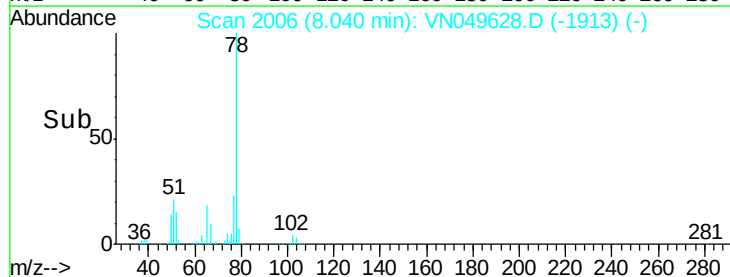
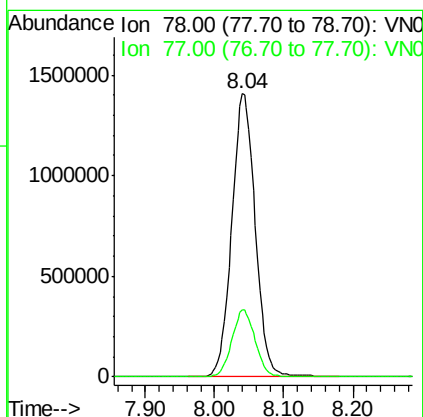
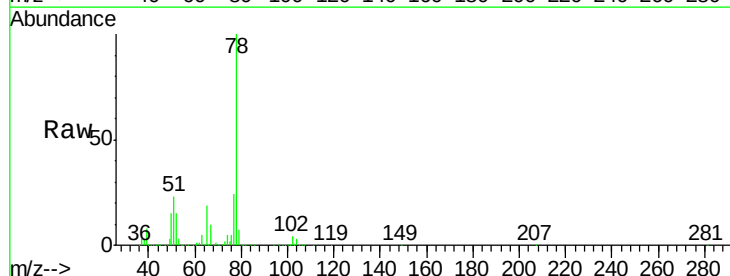
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

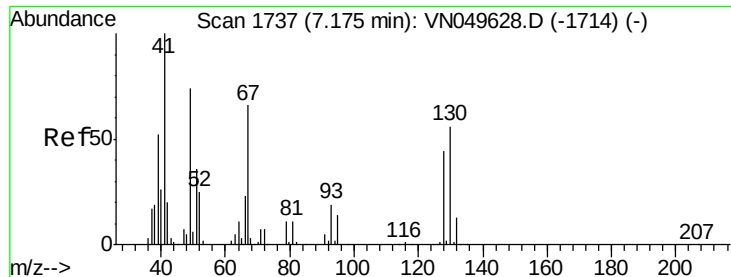
Tgt Ion: 83 Resp: 1202058
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 45.6 36.5 54.7



#40
Benzene
Concen: 48.003 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 78 Resp: 3315705
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

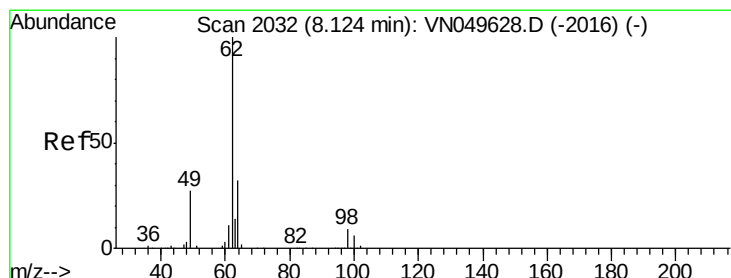
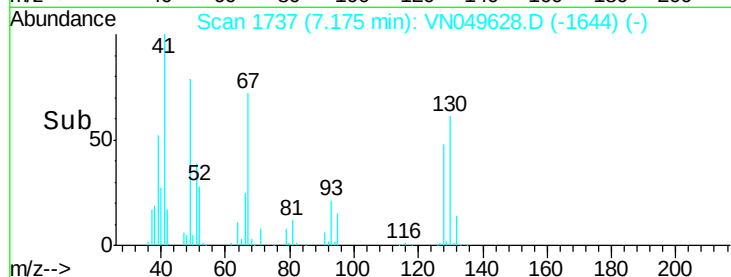
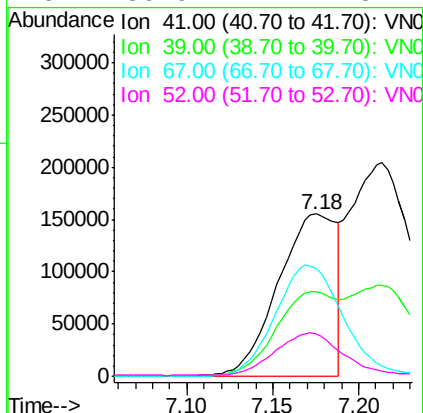
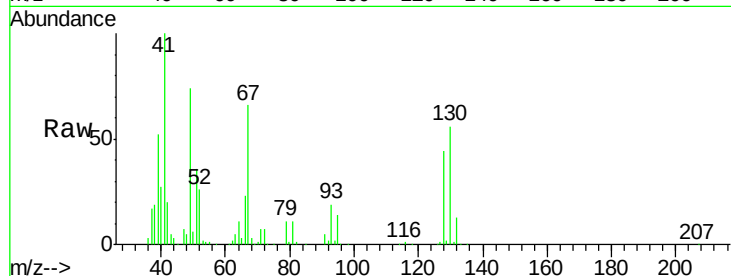




#41
Methacrylonitrile
Concen: 51.636 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

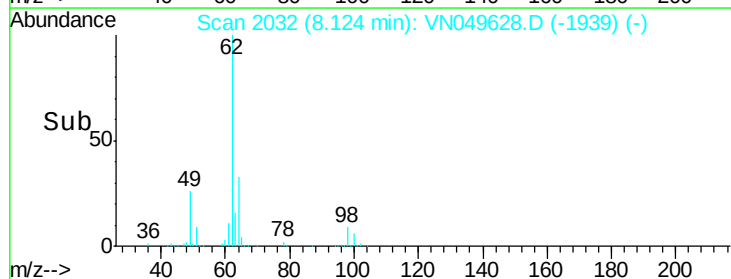
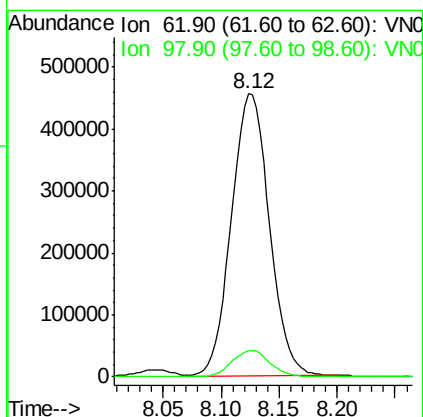
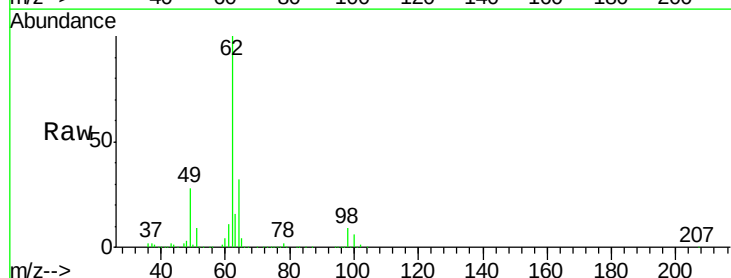
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

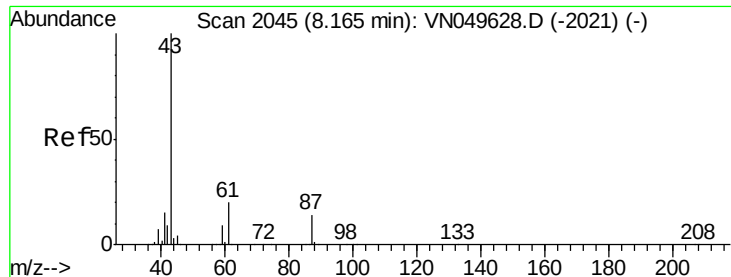
Tgt Ion:	41	Resp:	363675
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.4	68.2
67	81.7	65.4	98.0
52	30.9	24.7	37.1



#42
1,2-Dichloroethane
Concen: 47.072 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion:	62	Resp:	1037662
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 40.451 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

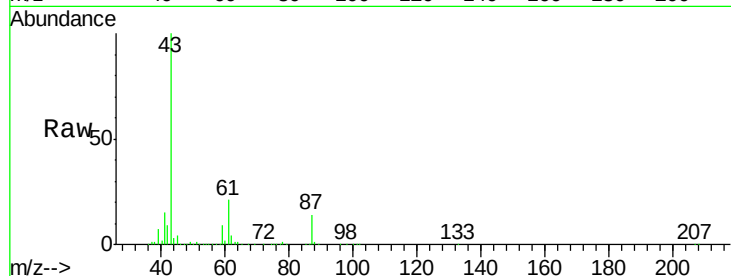
Tgt Ion: 43 Resp: 1261036

Ion Ratio Lower Upper

43 100

61 18.6 14.9 22.3

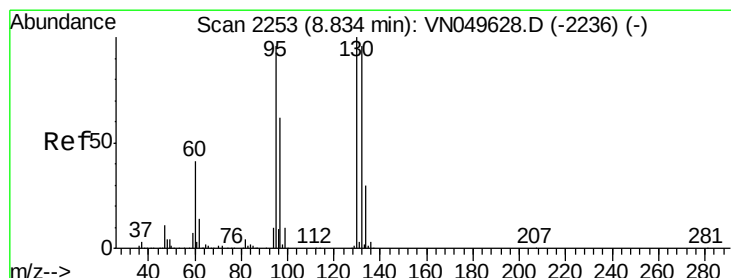
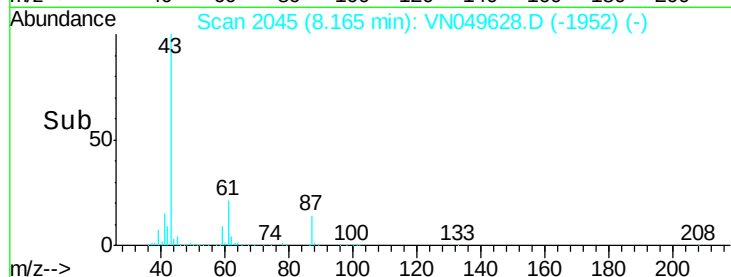
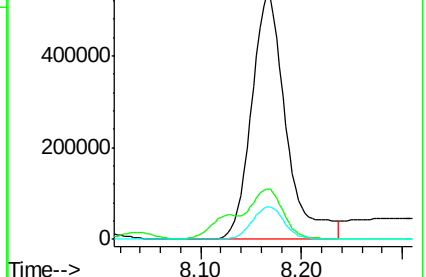
87 12.5 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2021) (-)

Ion 61.00 (60.70 to 61.70): VN049628.D (-2021) (-)

Ion 87.00 (86.70 to 87.70): VN049628.D (-2021) (-)



#44

Trichloroethene

Concen: 46.798 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VN049628.D

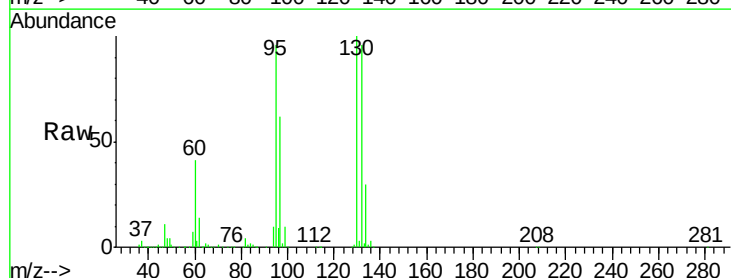
Acq: 29 Jun 2018 12:10

Tgt Ion: 130 Resp: 974840

Ion Ratio Lower Upper

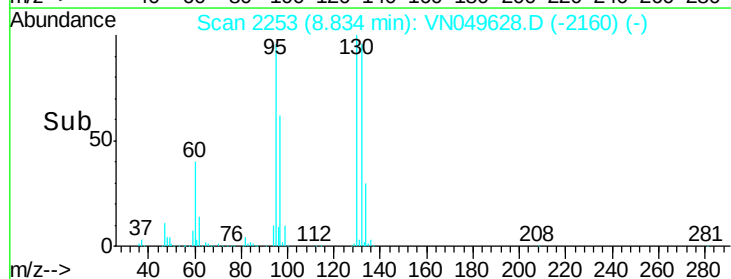
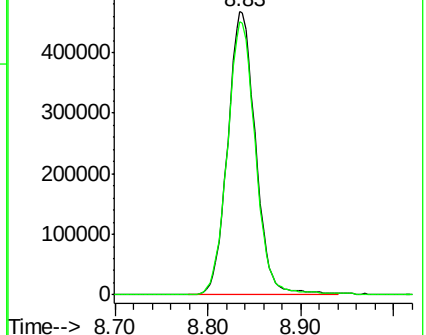
130 100

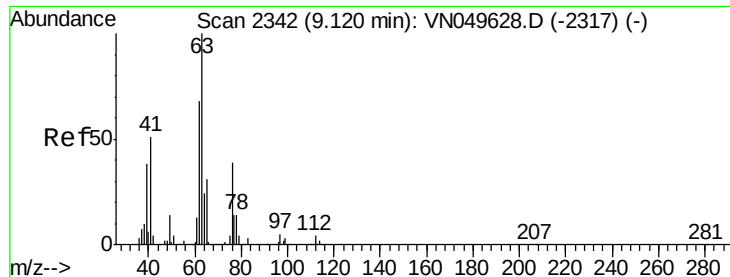
95 96.4 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049628.D (-2236) (-)

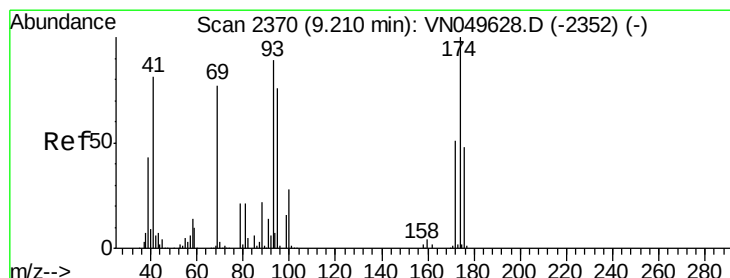
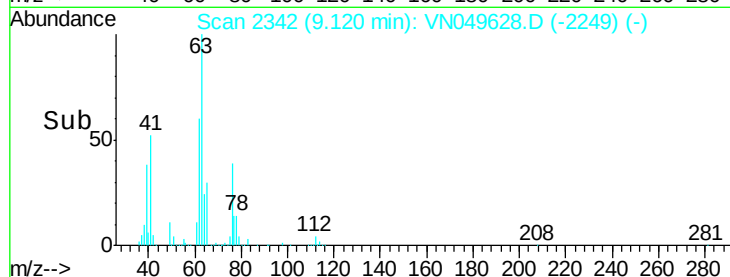
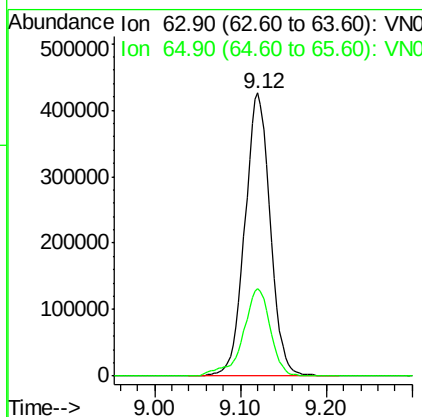
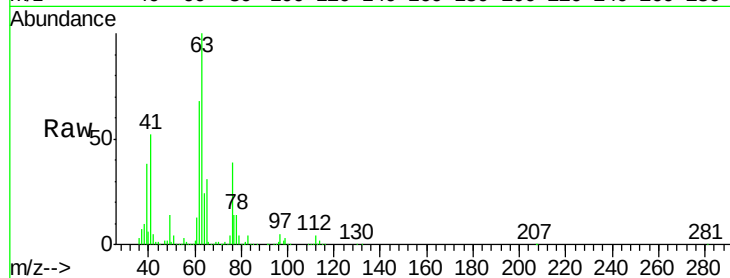




#45
 1,2-Dichloropropane
 Concen: 48.926 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

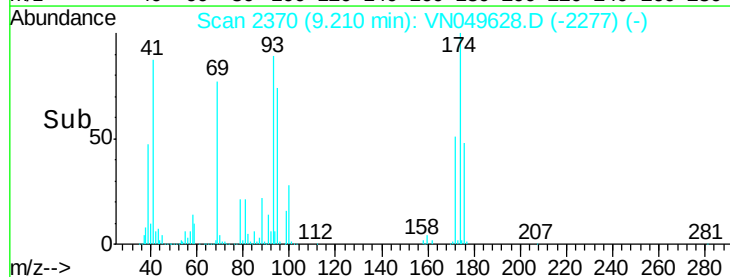
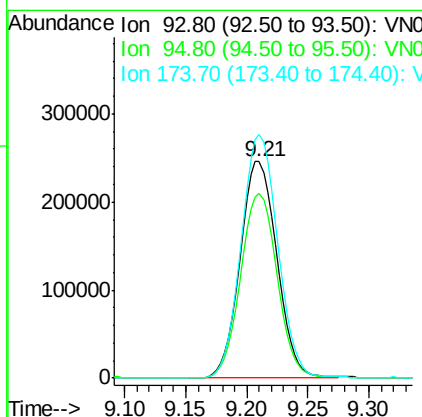
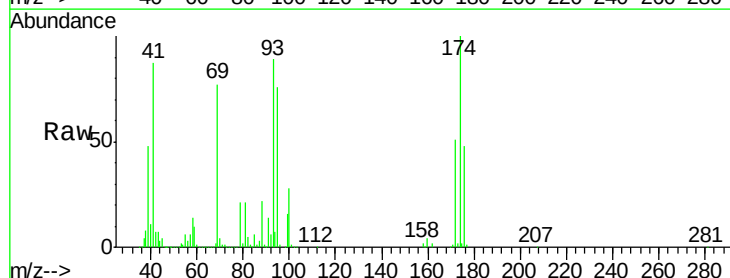
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

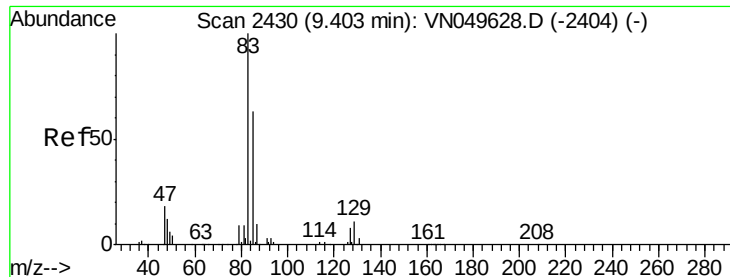
Tgt Ion: 63 Resp: 873131
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 47.657 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion: 93 Resp: 514514
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.9 101.9
 174 111.7 89.4 134.0





#47

Bromodichloromethane

Concen: 48.458 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

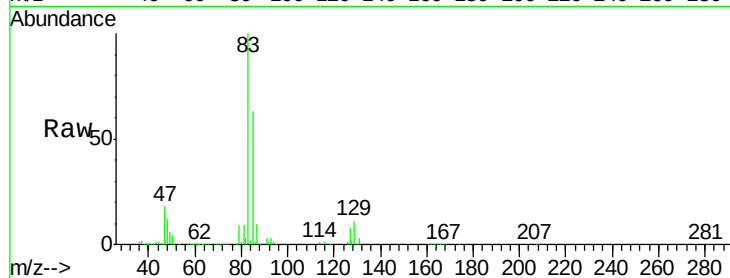
Tgt Ion: 83 Resp: 1113689

Ion Ratio Lower Upper

83 100

85 63.1 50.5 75.7

127 8.5 6.8 10.2

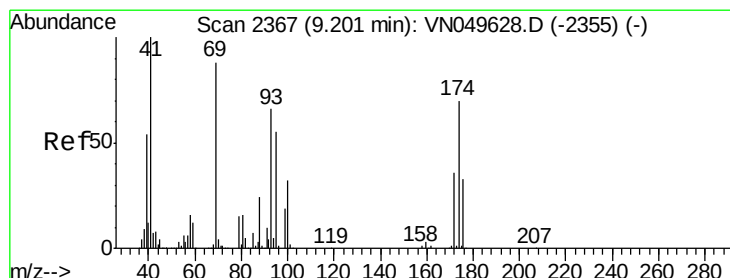
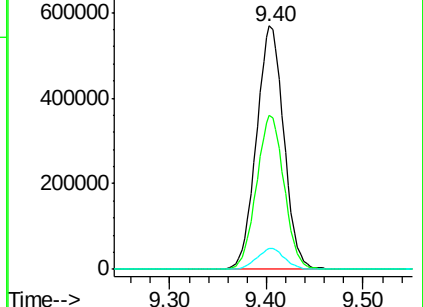
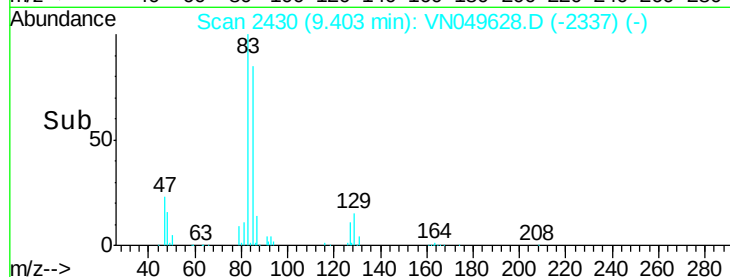


Abundance Ion 82.90 (82.60 to 83.60): VN049628.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN049628.D (-2404) (-)

Time-->



#48

Methyl methacrylate

Concen: 50.307 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

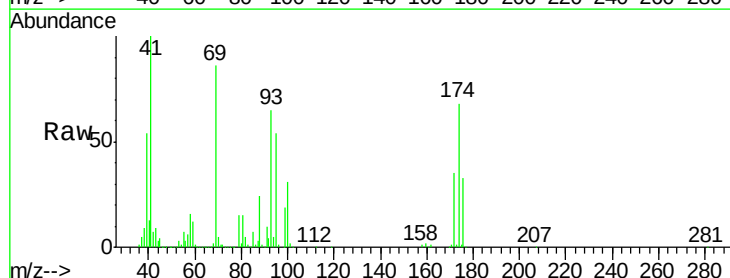
Tgt Ion: 41 Resp: 589829

Ion Ratio Lower Upper

41 100

69 89.4 71.5 107.3

39 55.9 44.7 67.1

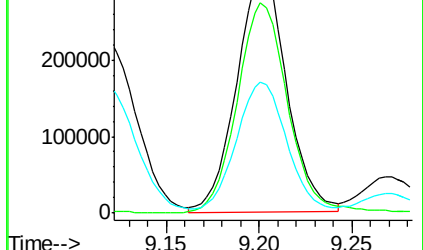
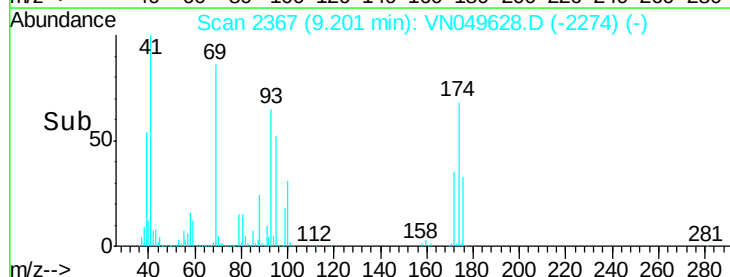


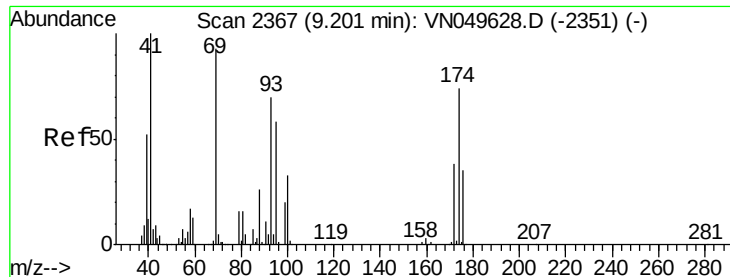
Abundance Ion 41.00 (40.70 to 41.70): VN049628.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN049628.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN049628.D (-2355) (-)

Time-->

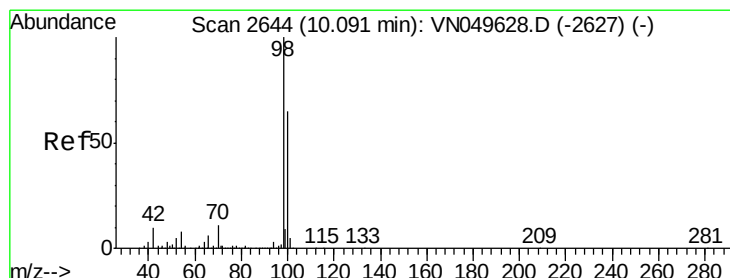
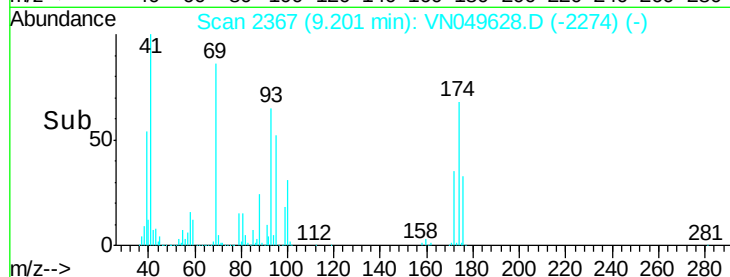
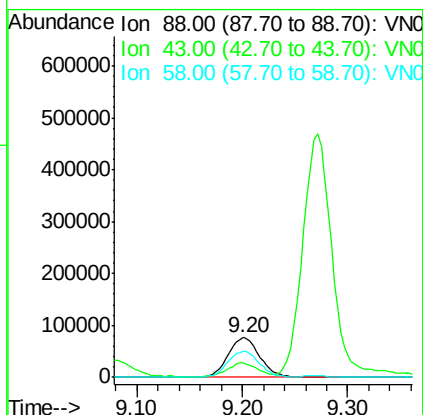
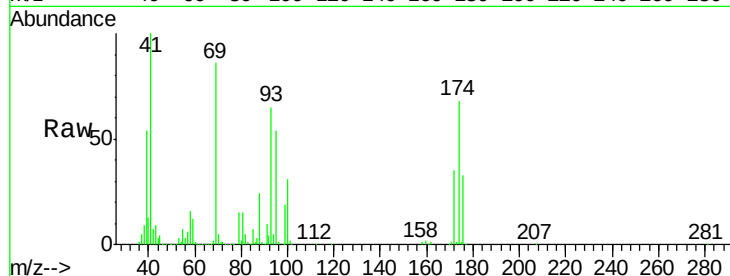




#49
1,4-Dioxane
Concen: 1018.108 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

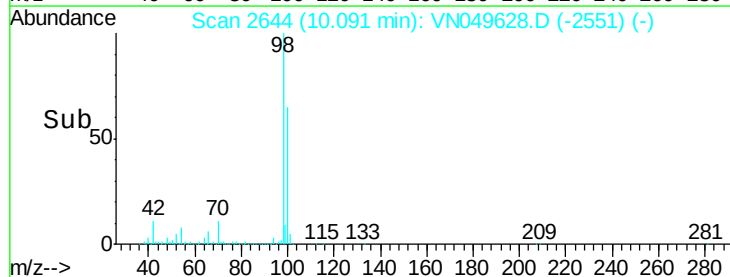
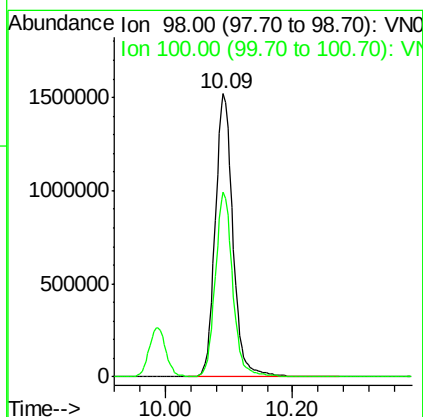
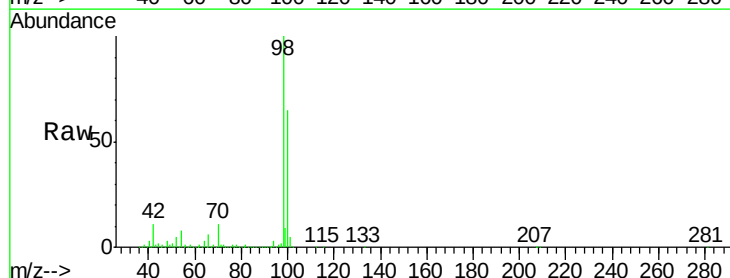
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

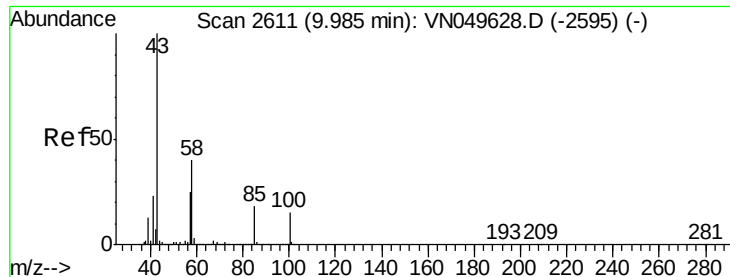
Tgt Ion: 88 Resp: 160481
Ion Ratio Lower Upper
88 100
43 31.4 25.1 37.7
58 65.6 52.5 78.7



#50
Toluene-d8
Concen: 49.736 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 98 Resp: 2926340
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 246.035 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

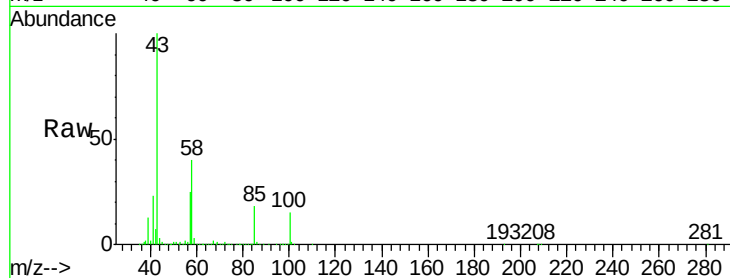
VSTDICCC050

Tgt Ion: 43 Resp: 3182752

Ion Ratio Lower Upper

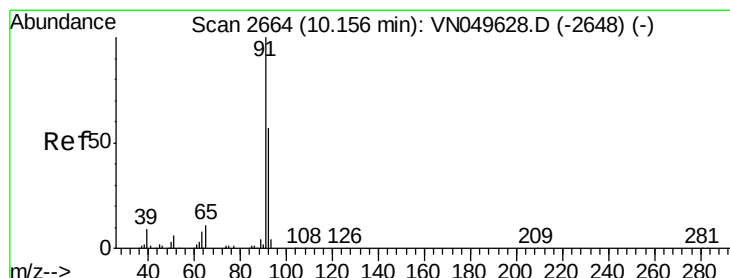
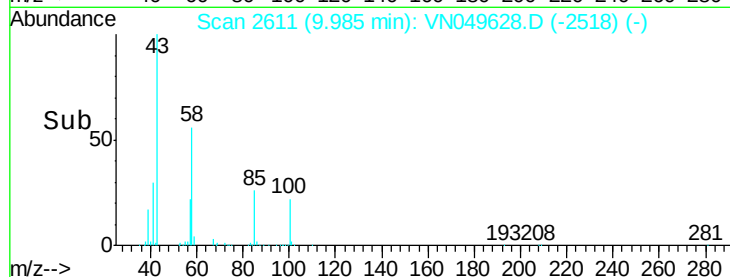
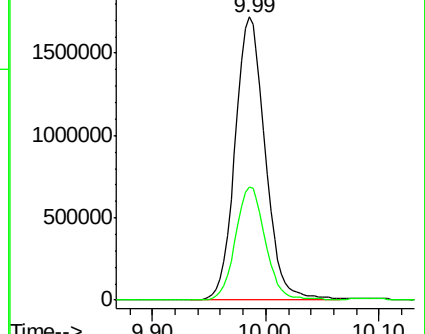
43 100

58 39.8 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.766 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN049628.D

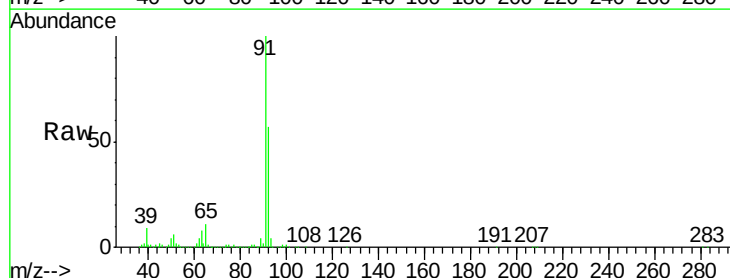
Acq: 29 Jun 2018 12:10

Tgt Ion: 92 Resp: 2076727

Ion Ratio Lower Upper

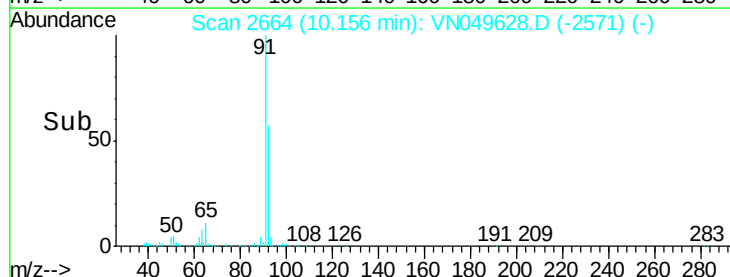
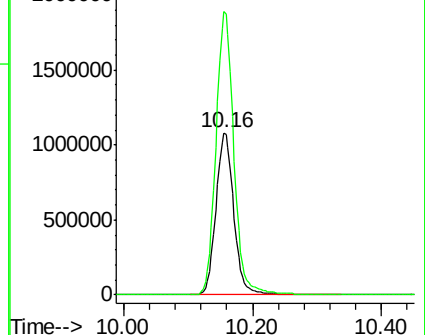
92 100

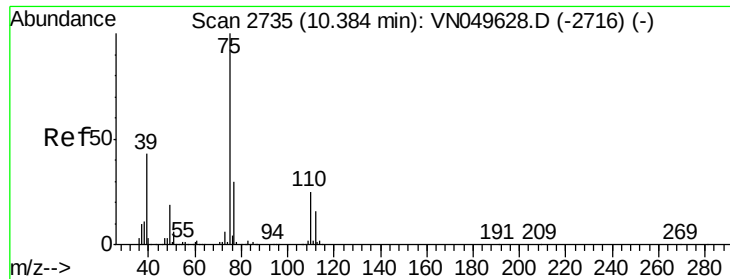
91 175.1 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 49.373 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

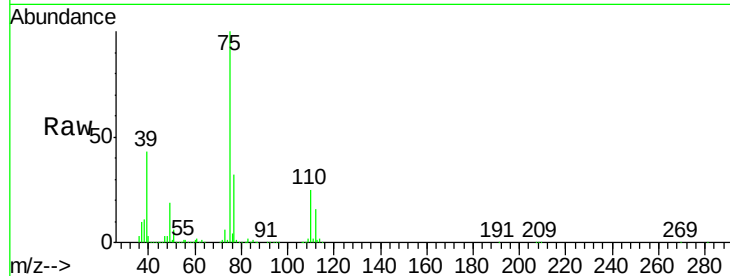
VSTDICCC050

Tgt Ion: 75 Resp: 1086535

Ion Ratio Lower Upper

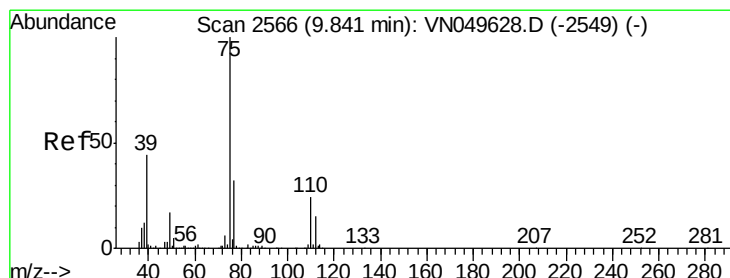
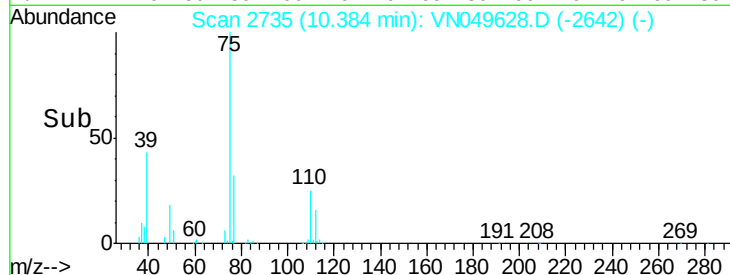
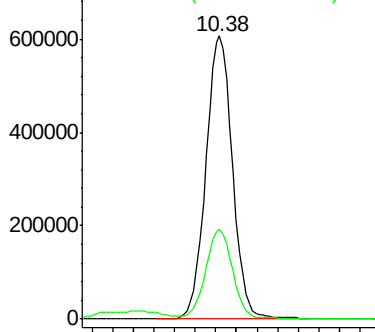
75 100

77 31.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.983 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

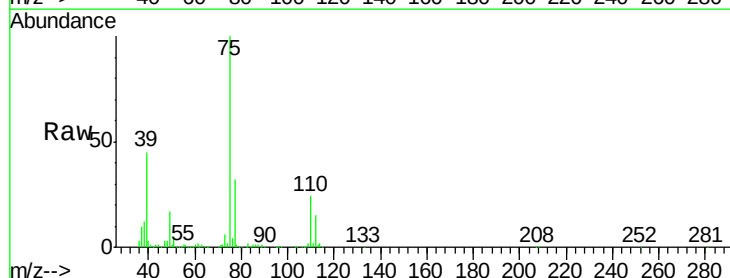
Tgt Ion: 75 Resp: 1285588

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

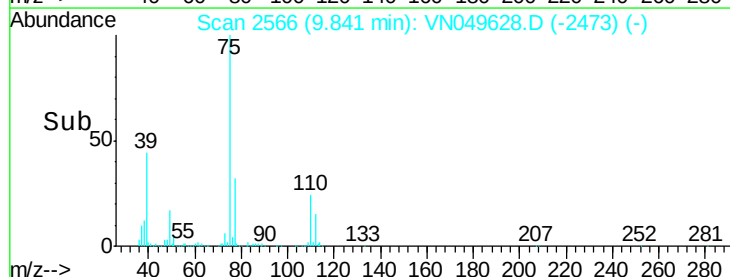
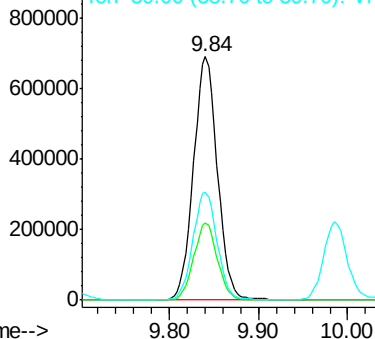
39 44.4 35.5 53.3

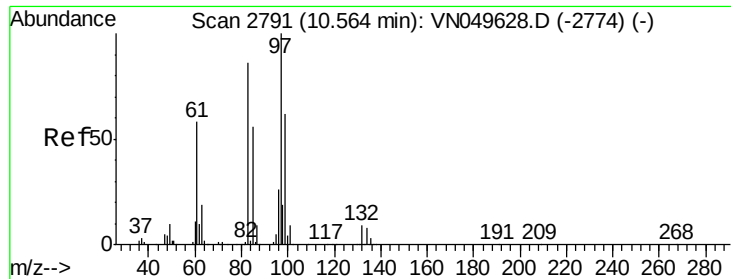


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

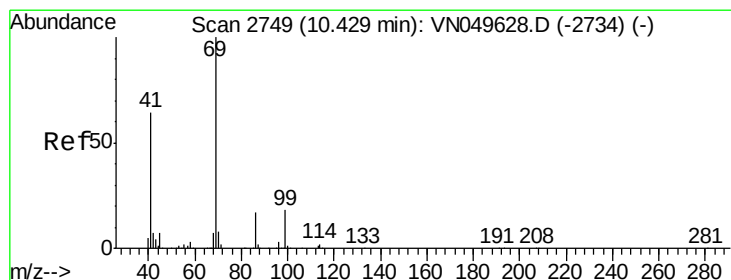
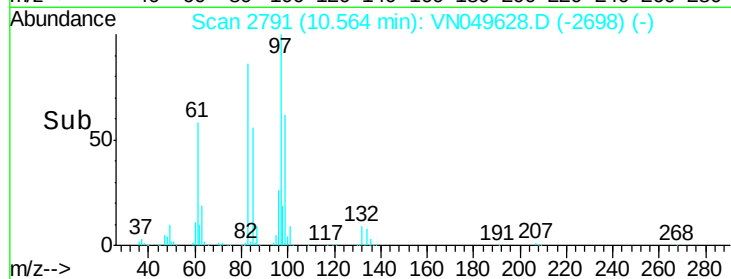
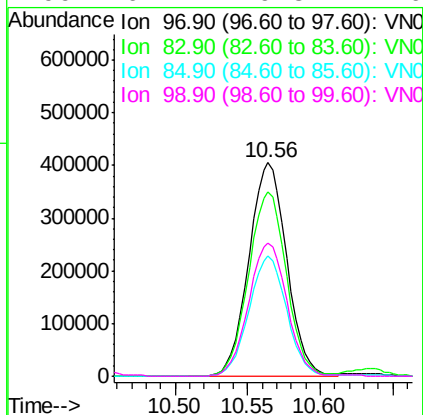
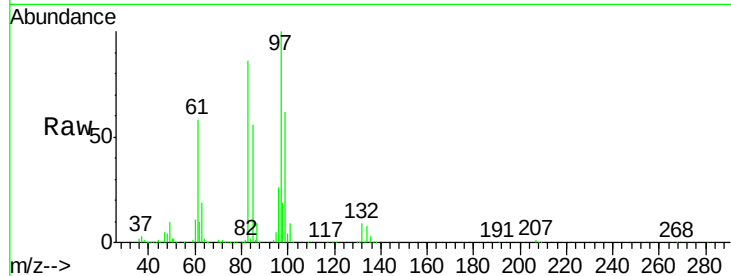




#55
 1,1,2-Trichloroethane
 Concen: 47.464 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

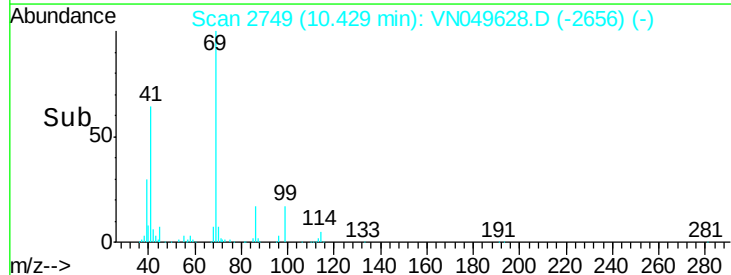
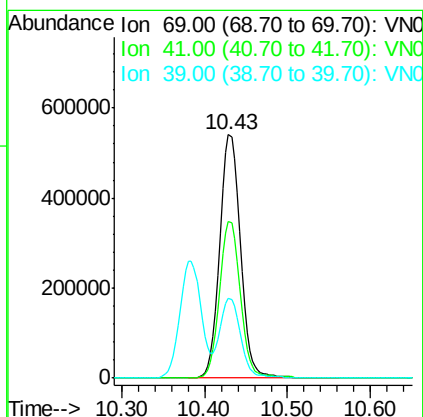
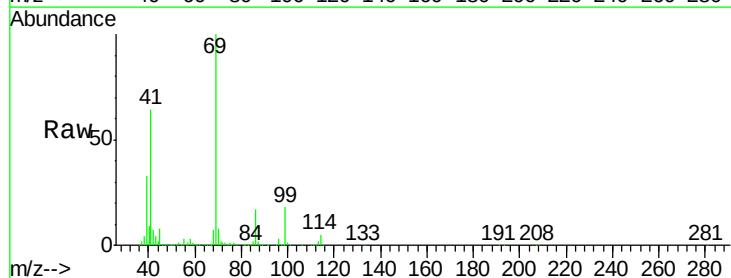
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

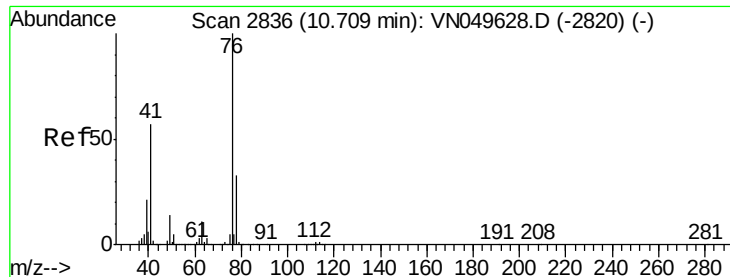
Tgt Ion:	97	Resp:	737484
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	56.1	44.9	67.3
99	62.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 51.381 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion:	69	Resp:	935794
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.6	77.4
39	32.3	25.8	38.8





#57

1,3-Dichloropropane

Concen: 49.101 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

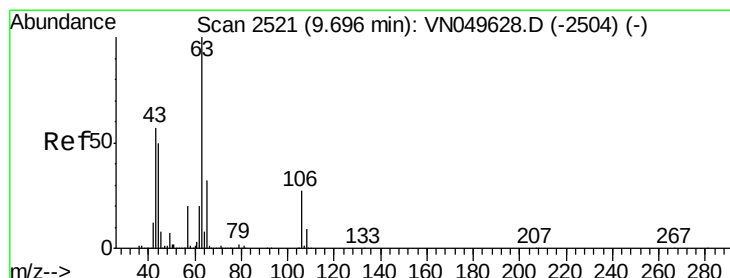
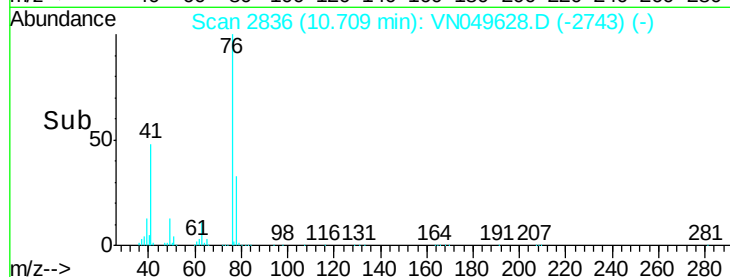
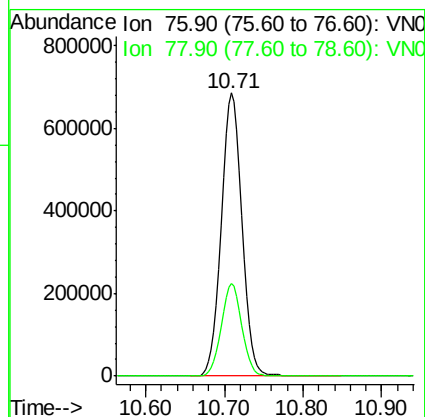
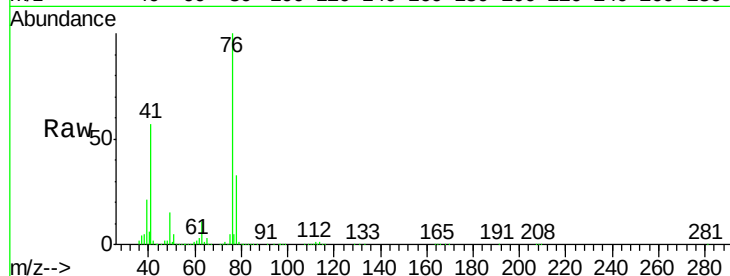
VSTDICCC050

Tgt Ion: 76 Resp: 1237098

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 254.310 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049628.D

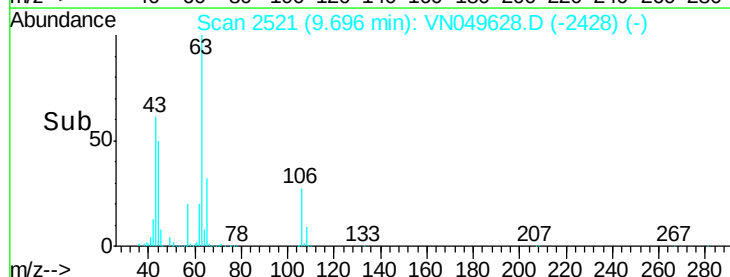
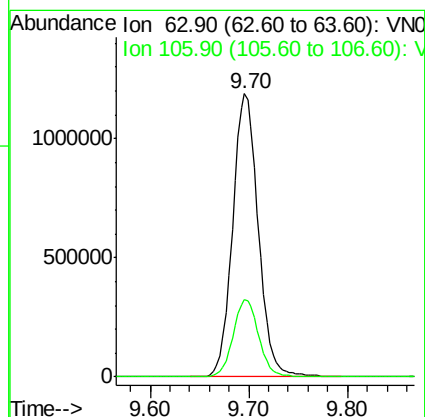
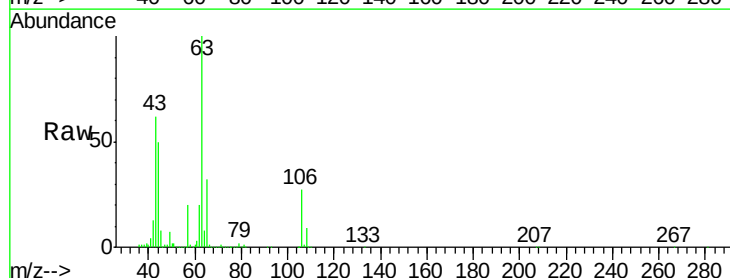
Acq: 29 Jun 2018 12:10

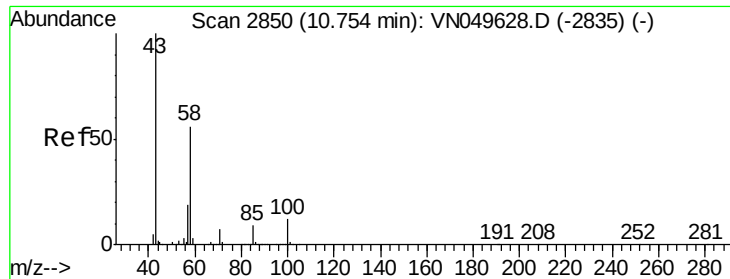
Tgt Ion: 63 Resp: 2156163

Ion Ratio Lower Upper

63 100

106 27.3 21.8 32.8

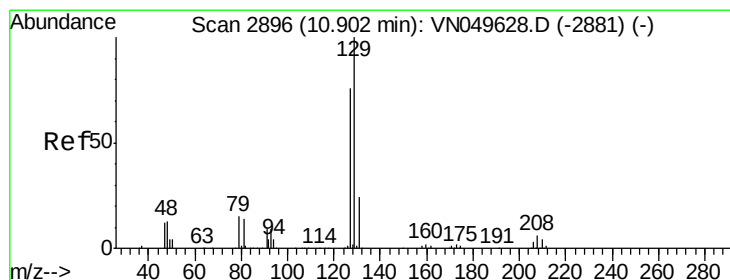
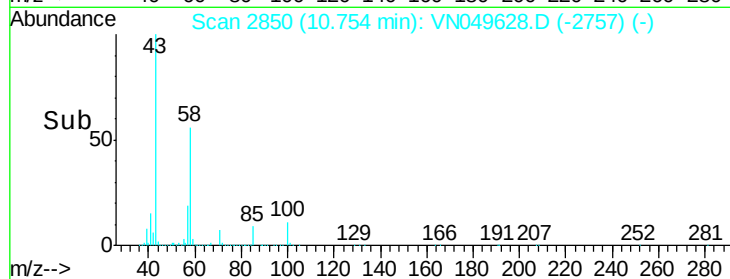
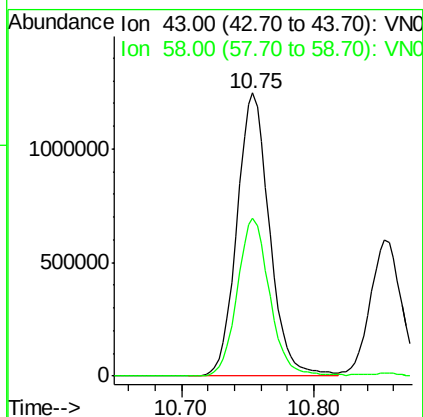
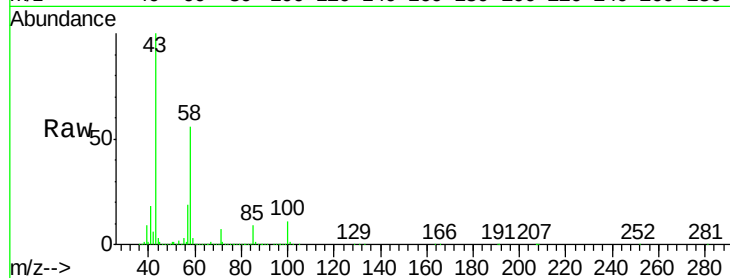




#59
2-Hexanone
Concen: 247.887 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

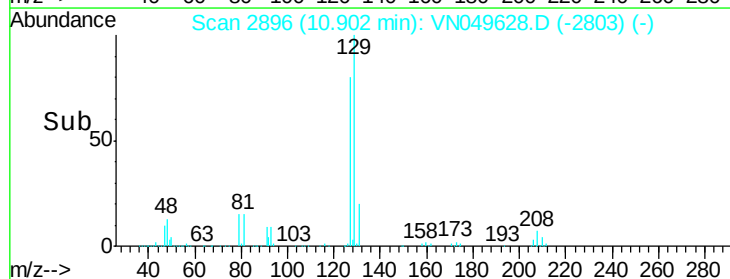
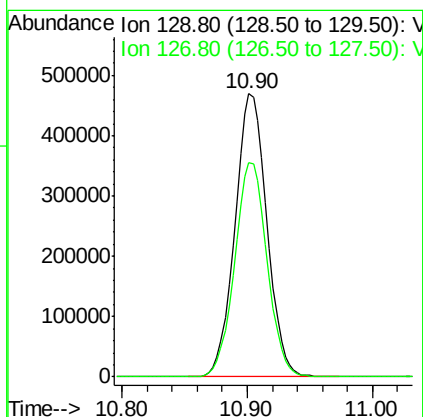
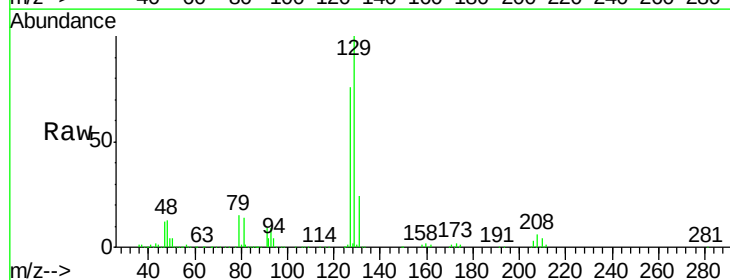
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

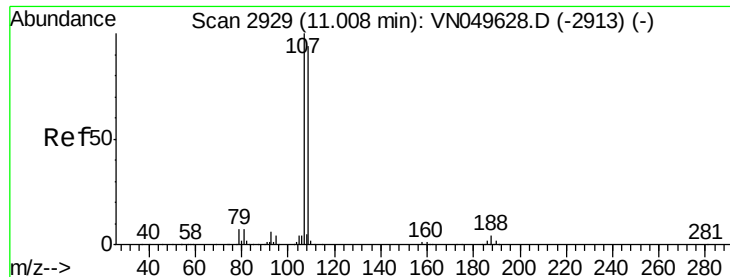
Tgt Ion: 43 Resp: 2120443
Ion Ratio Lower Upper
43 100
58 55.6 27.8 83.4



#60
Dibromochloromethane
Concen: 49.406 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion: 129 Resp: 829687
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

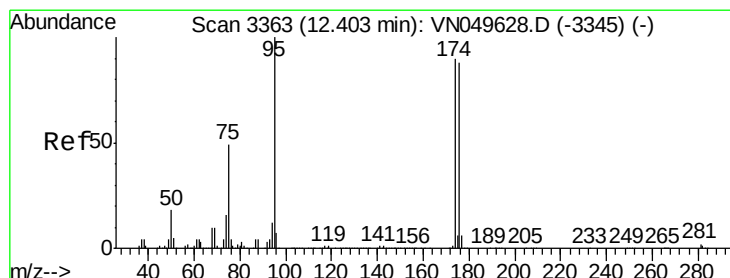
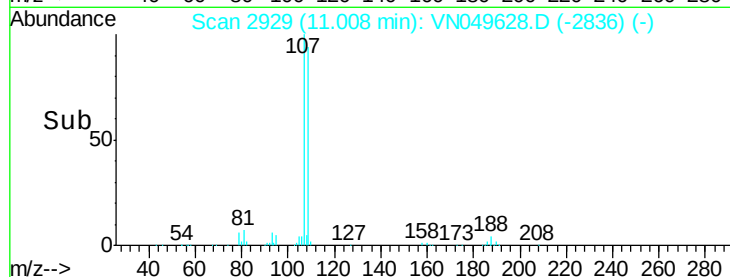
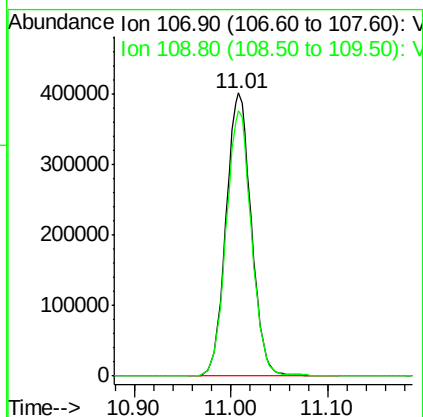
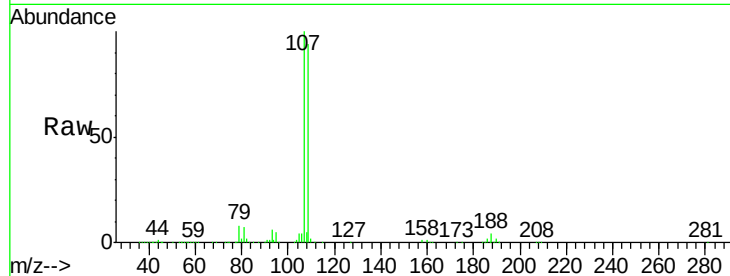




#61
 1,2-Dibromoethane
 Concen: 48.818 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

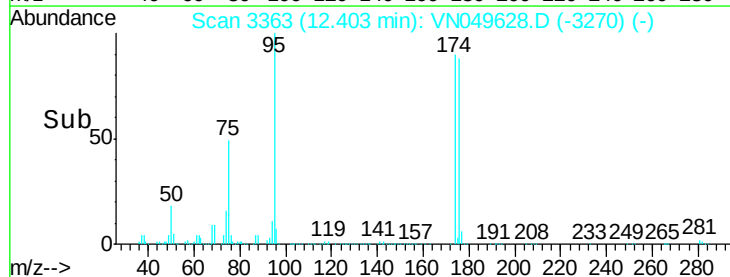
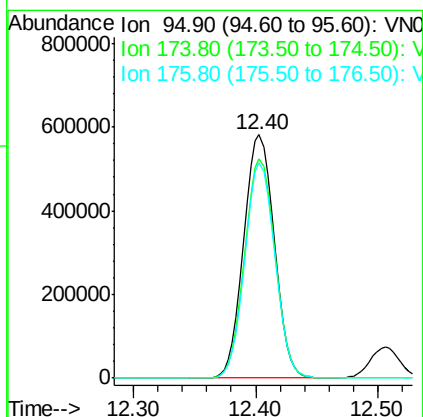
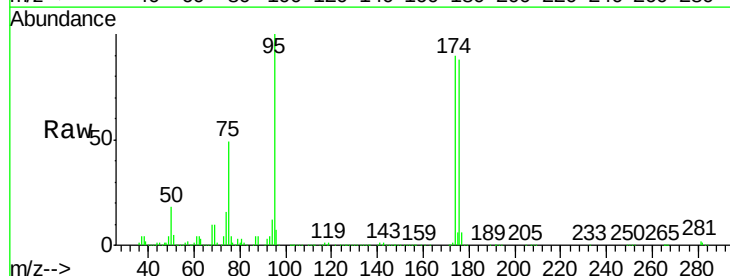
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

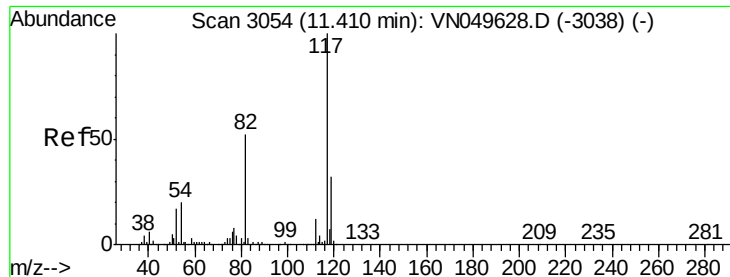
Tgt Ion: 107 Resp: 726781
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.974 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion: 95 Resp: 1003881
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 179.6
 176 87.0 0.0 174.0

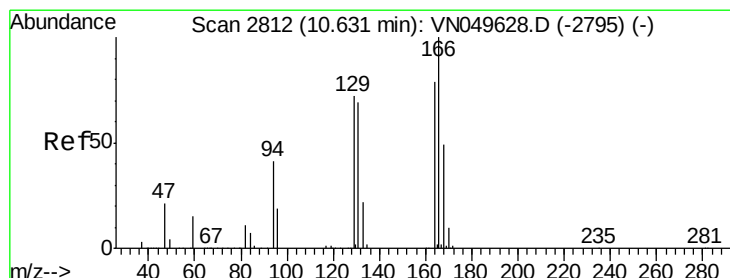
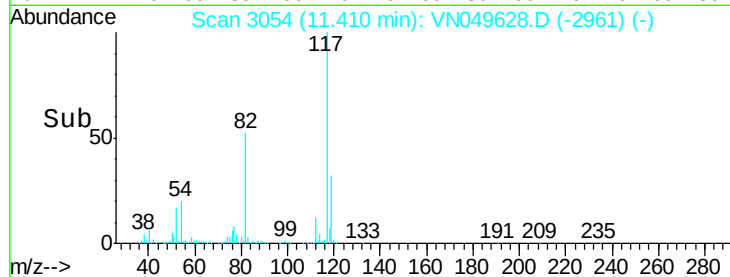
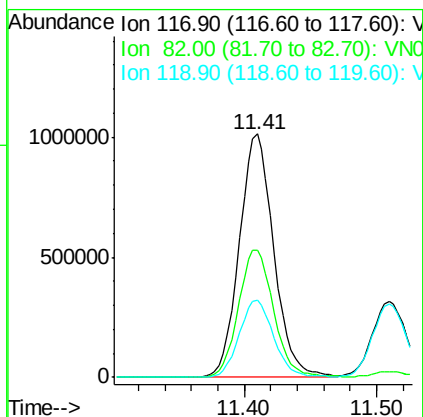
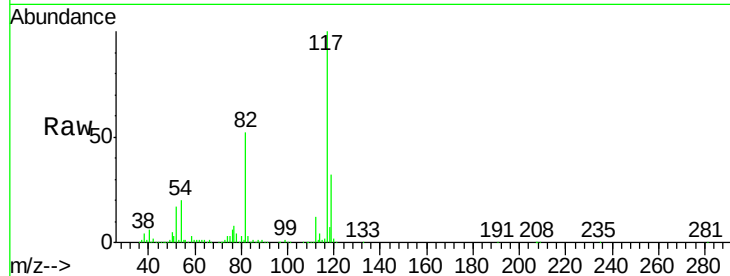




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

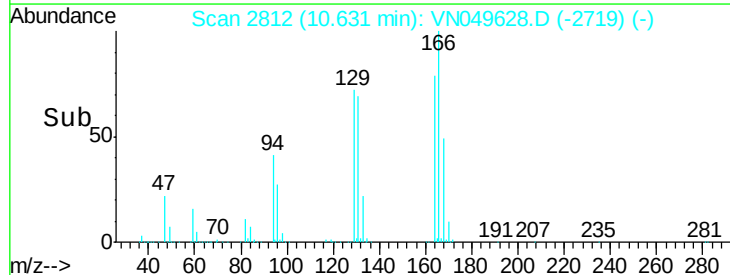
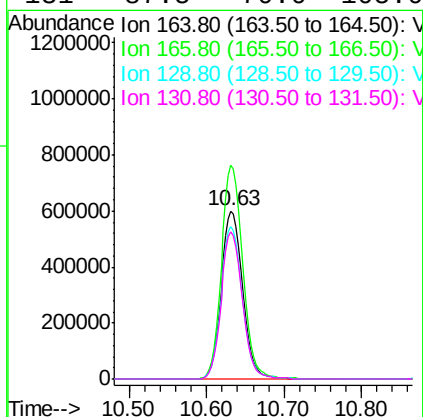
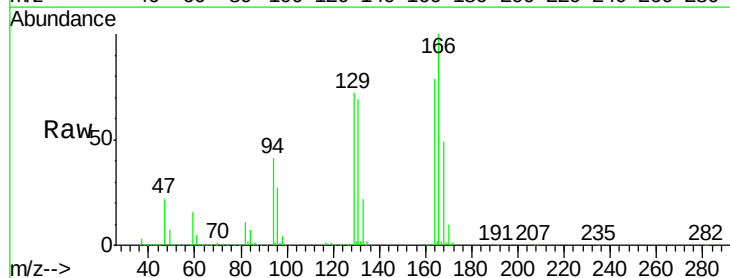
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

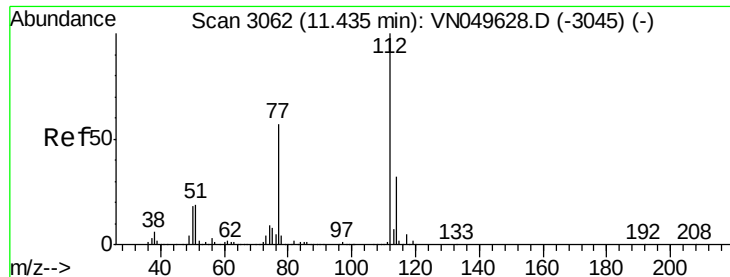
Tgt Ion:117 Resp: 1828428
Ion Ratio Lower Upper
117 100
82 52.4 41.9 62.9
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 46.490 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion:164 Resp: 1150983
Ion Ratio Lower Upper
164 100
166 127.2 101.8 152.6
129 91.0 72.8 109.2
131 87.5 70.0 105.0





#65

Chlorobenzene

Concen: 47.076 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

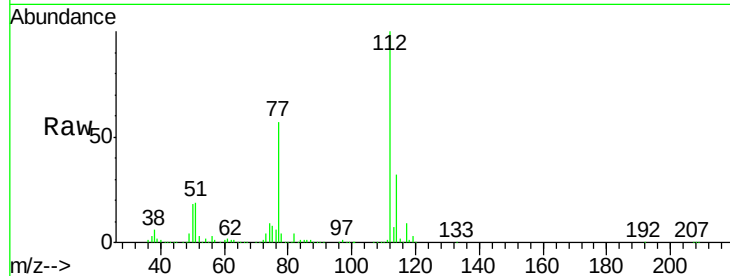
VSTDICCC050

Tgt Ion:112 Resp: 2245427

Ion Ratio Lower Upper

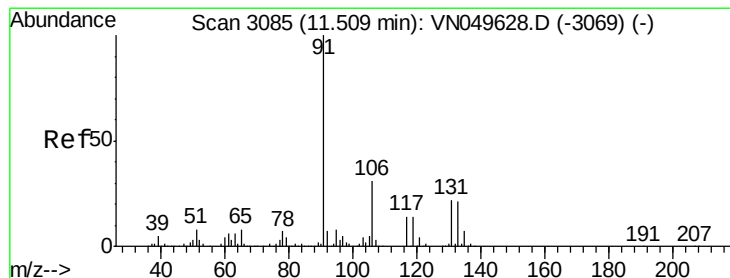
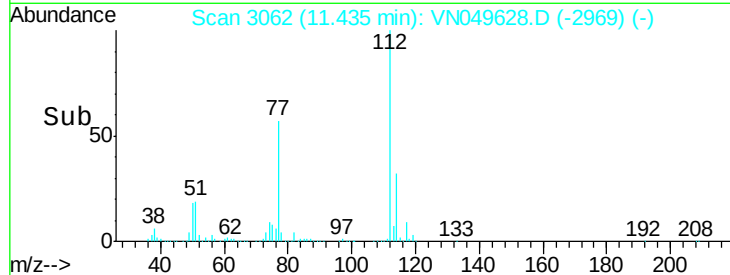
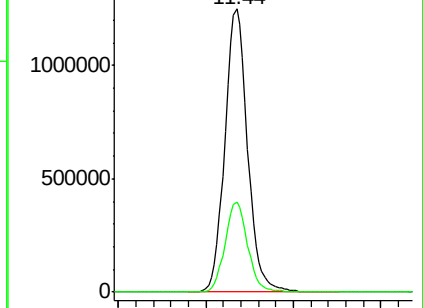
112 100

114 31.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.876 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

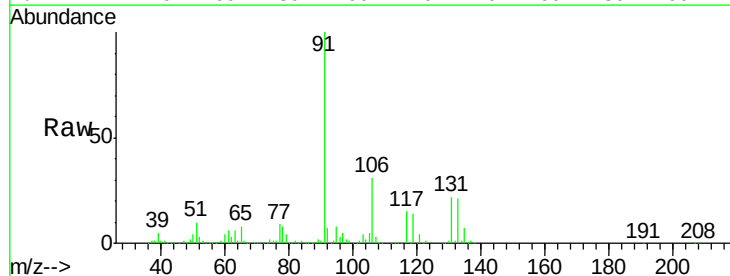
Tgt Ion:131 Resp: 820526

Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

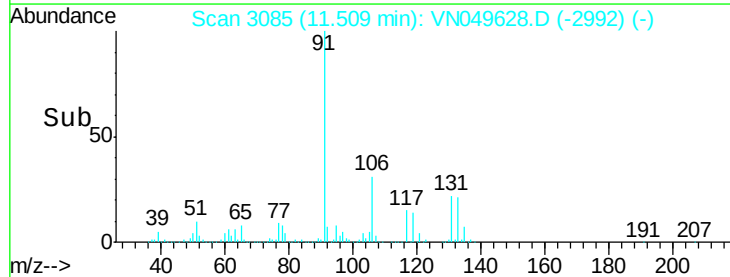
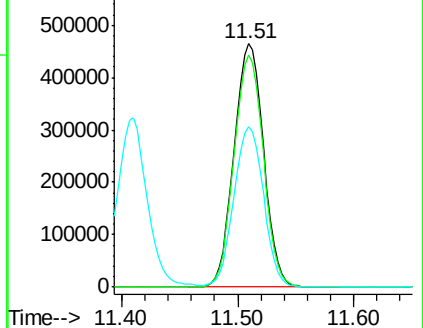
119 66.2 33.1 99.3

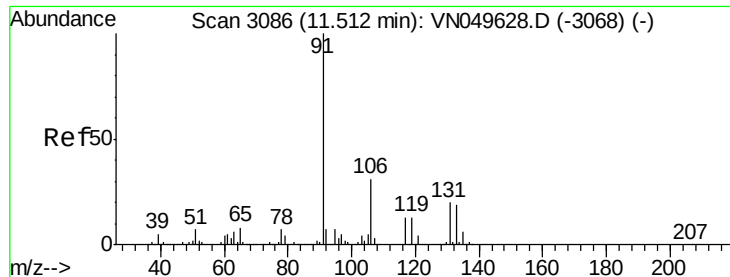


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.354 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

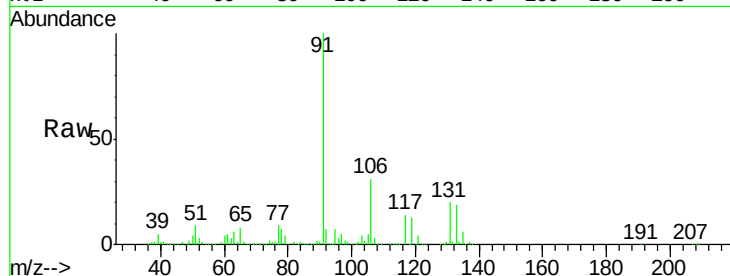
VSTDICCC050

Tgt Ion: 91 Resp: 3891397

Ion Ratio Lower Upper

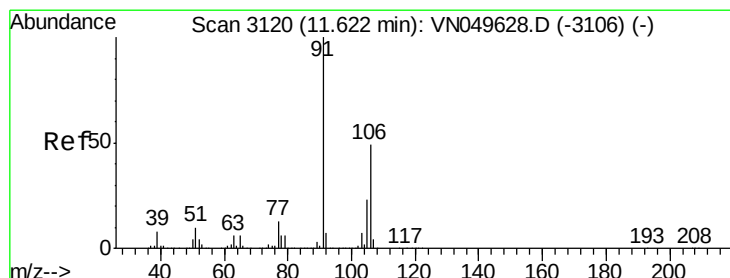
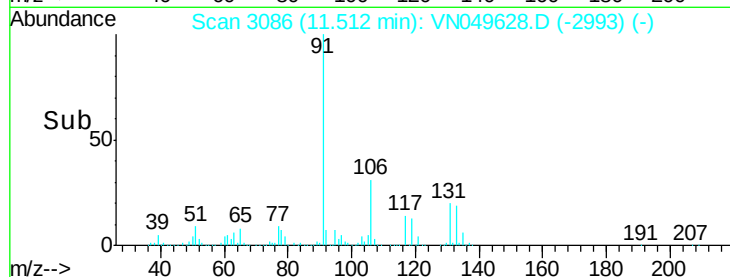
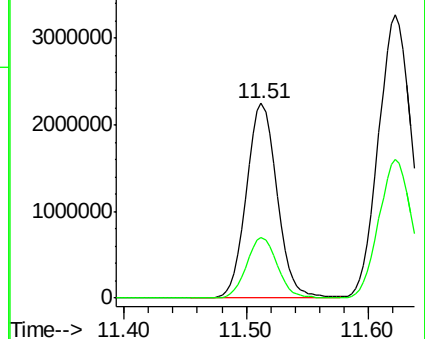
91 100

106 31.0 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN049628.D (-3068) (-)

Ion 106.00 (105.70 to 106.70): VN049628.D (-3068) (-)



#68

m/p-Xylenes

Concen: 100.629 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049628.D

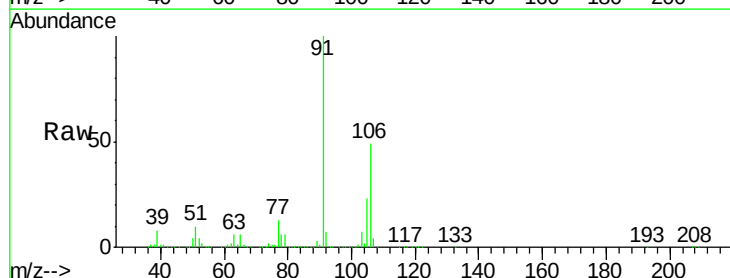
Acq: 29 Jun 2018 12:10

Tgt Ion: 106 Resp: 3040663

Ion Ratio Lower Upper

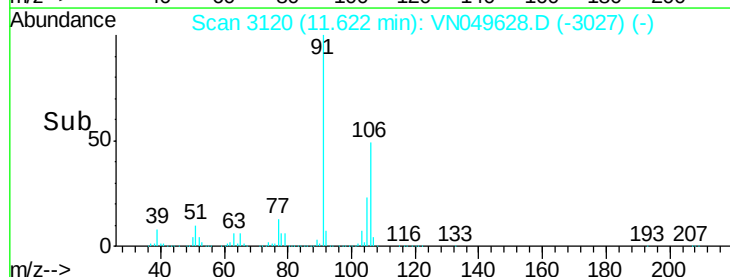
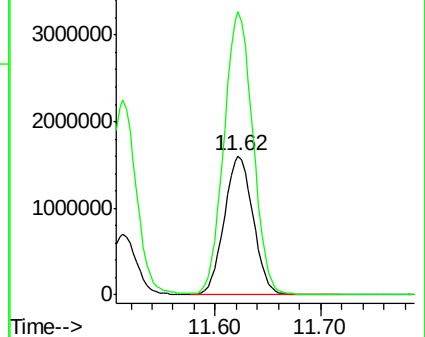
106 100

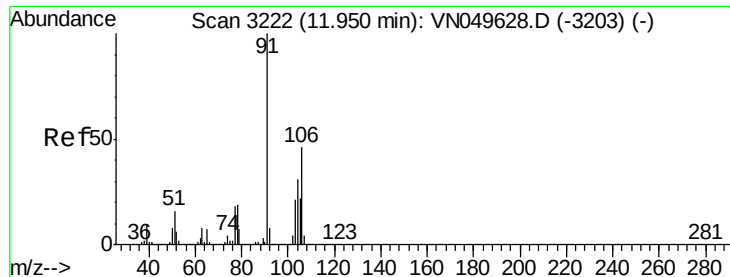
91 204.3 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VN049628.D (-3106) (-)

Ion 91.00 (90.70 to 91.70): VN049628.D (-3106) (-)

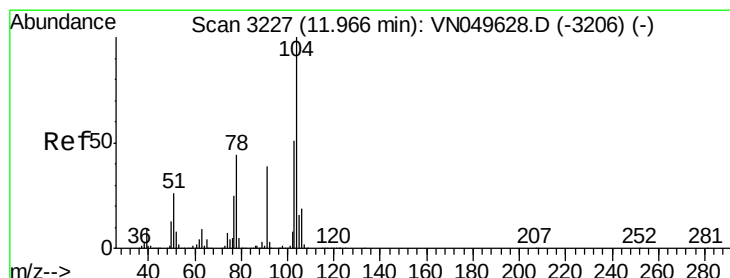
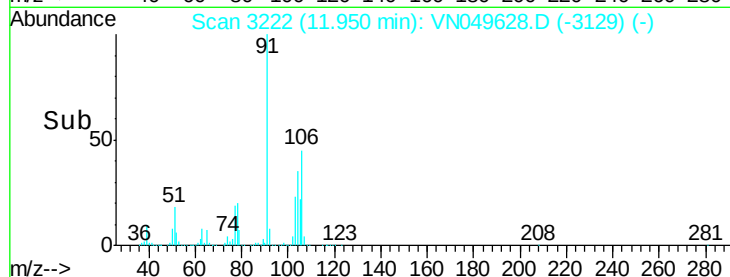
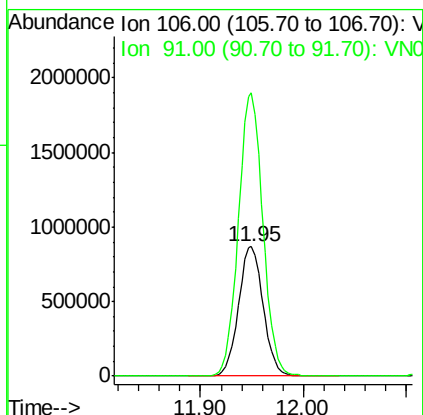
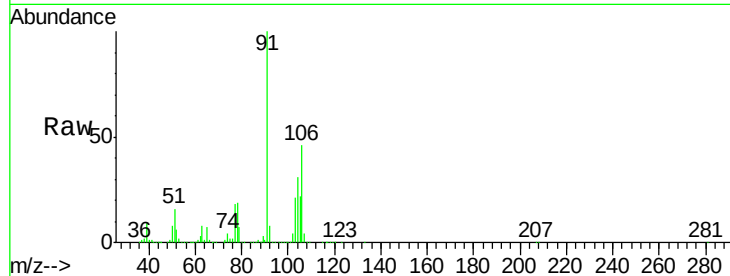




#69
o-Xylene
Concen: 49.869 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

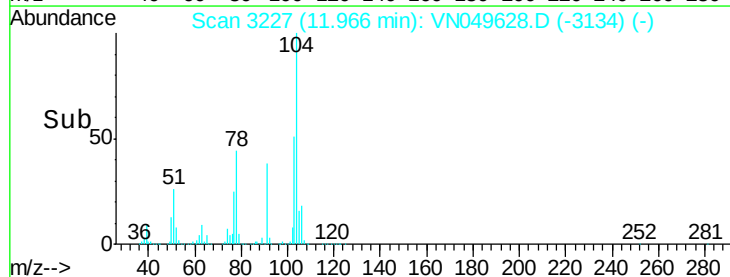
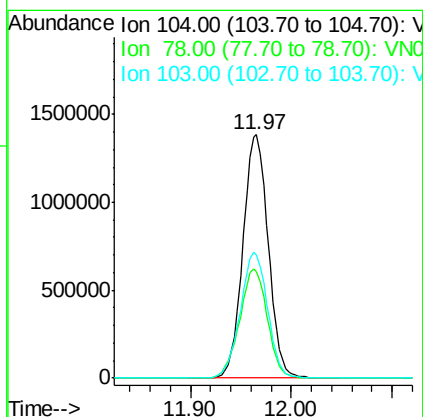
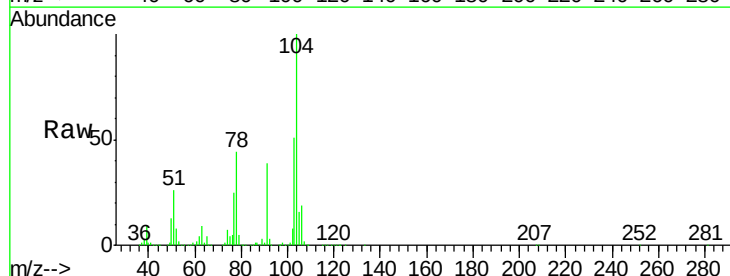
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

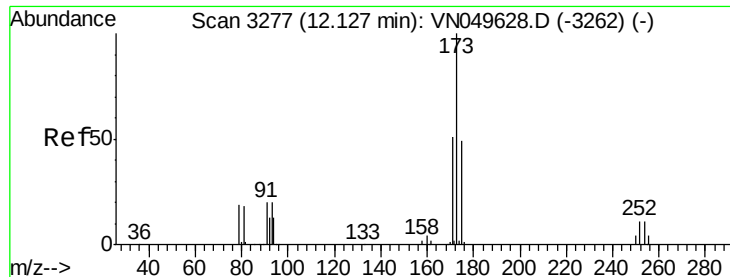
Tgt Ion:106 Resp: 1442689
Ion Ratio Lower Upper
106 100
91 217.4 108.7 326.1



#70
Styrene
Concen: 51.259 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion:104 Resp: 2399344
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.8 44.6 67.0





#71

Bromoform

Concen: 48.528 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

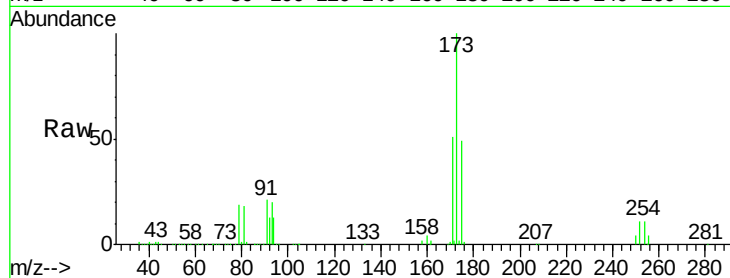
Tgt Ion:173 Resp: 552643

Ion Ratio Lower Upper

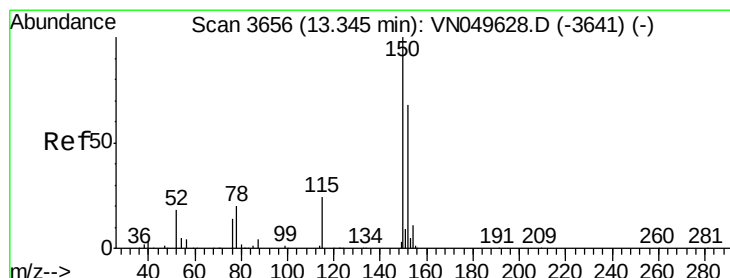
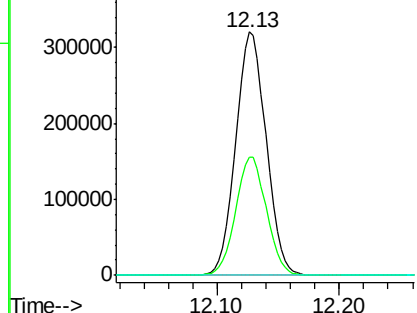
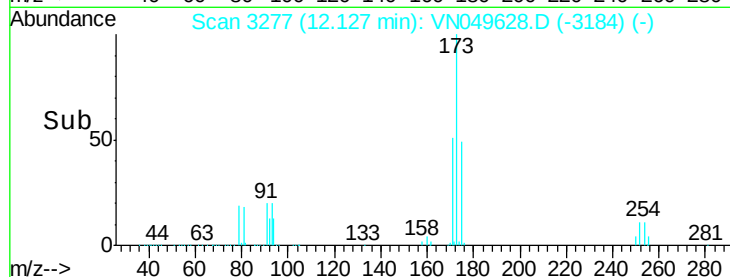
173 100

175 49.2 24.6 73.8

254 0.2 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: VN049628.D

Acq: 29 Jun 2018 12:10

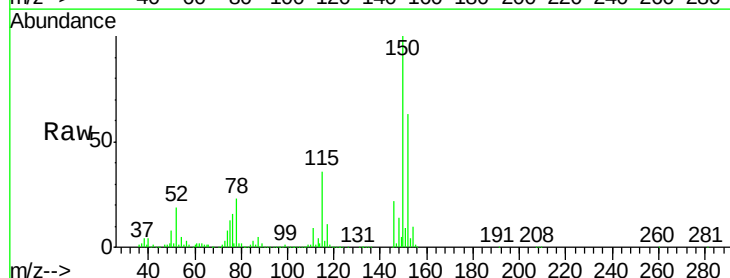
Tgt Ion:152 Resp: 1002972

Ion Ratio Lower Upper

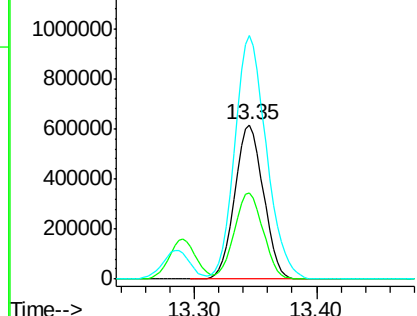
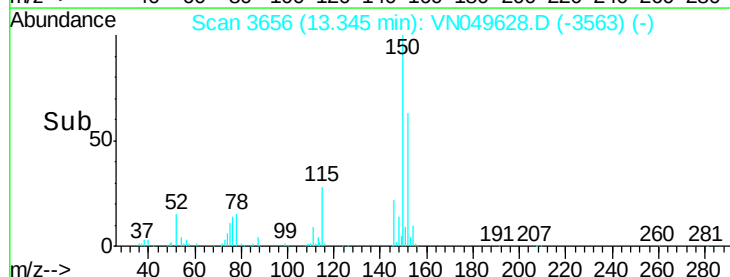
152 100

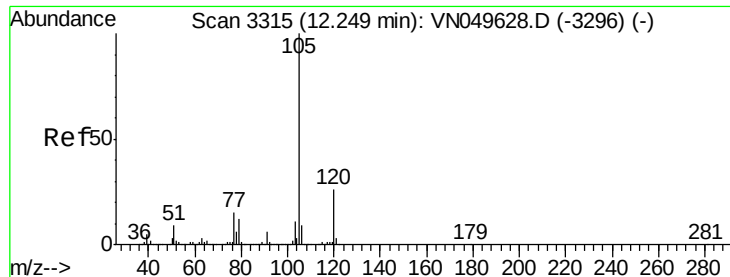
115 56.1 28.1 84.2

150 173.8 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: 47.821 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

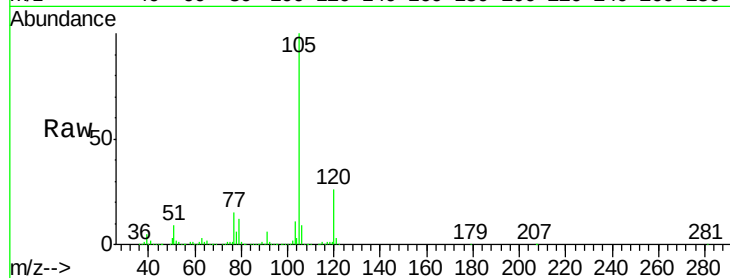
VSTDICCC050

Tgt Ion:105 Resp: 3820465

Ion Ratio Lower Upper

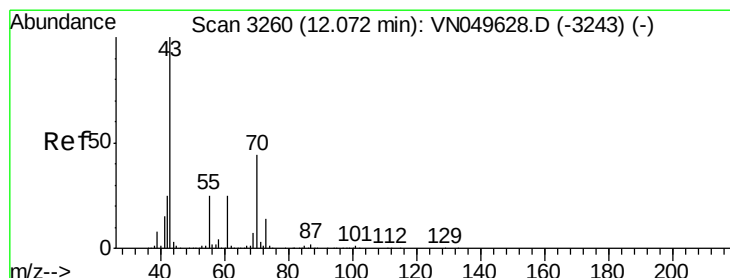
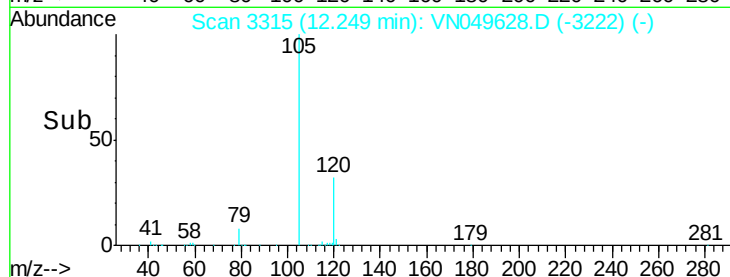
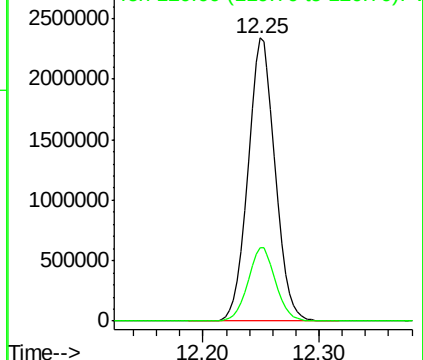
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.628 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Tgt Ion: 43 Resp: 1039369

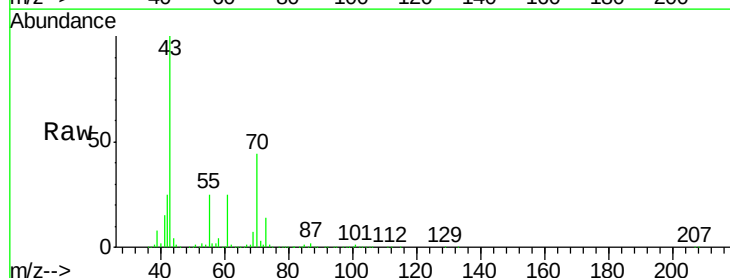
Ion Ratio Lower Upper

43 100

70 43.5 34.8 52.2

55 26.1 20.9 31.3

61 24.9 19.9 29.9

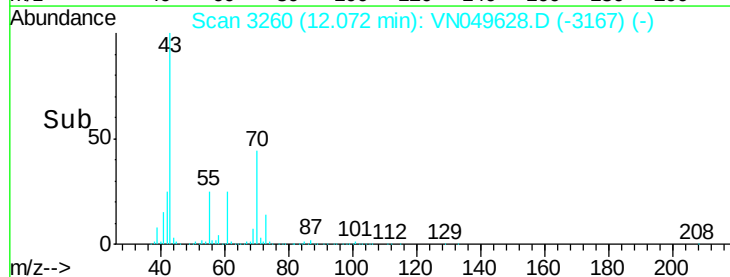
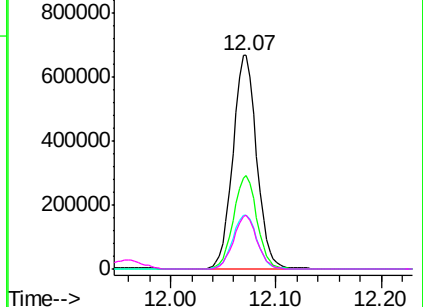


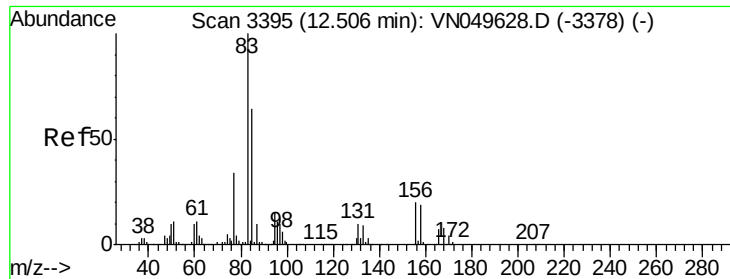
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.271 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

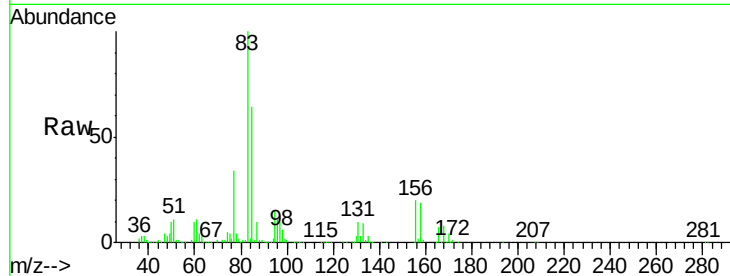
Tgt Ion: 83 Resp: 816322

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

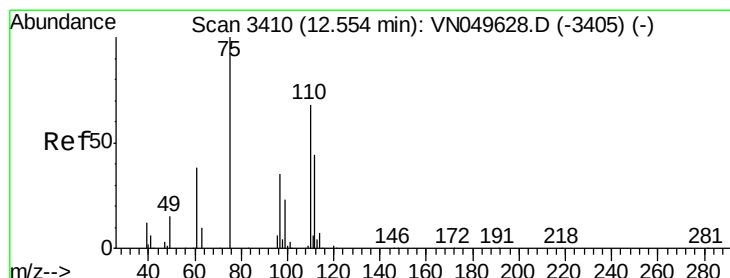
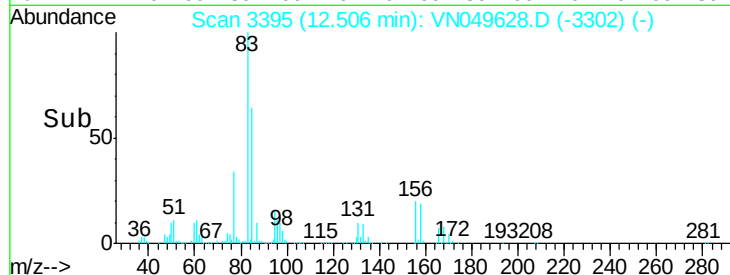
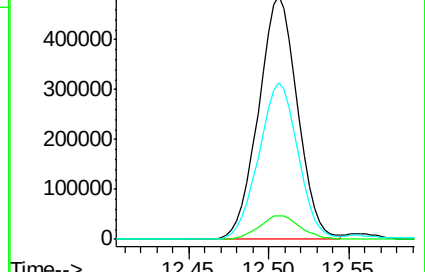
85 64.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049628.D (-3378) (-)

Ion 130.80 (130.50 to 131.50): VN049628.D (-3378) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-3378) (-)



#76

1,2,3-Trichloropropane

Concen: 62.426 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049628.D

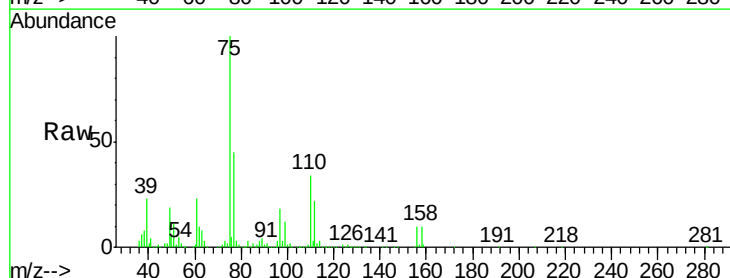
Acq: 29 Jun 2018 12:10

Tgt Ion: 75 Resp: 1086973

Ion Ratio Lower Upper

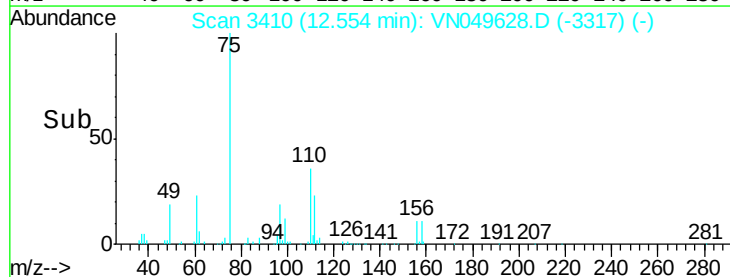
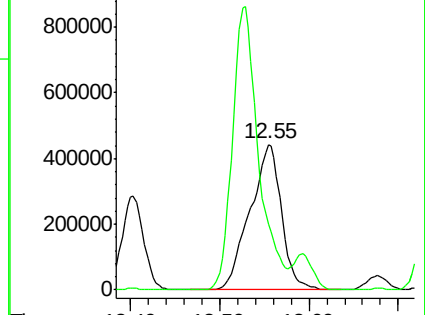
75 100

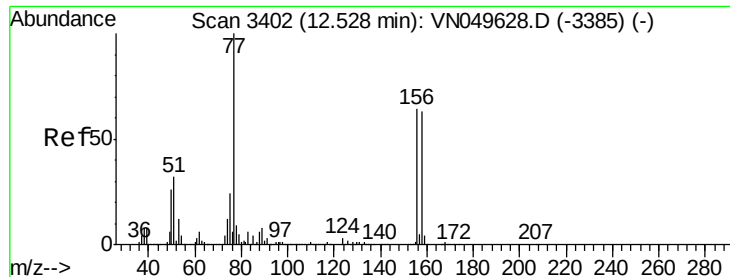
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049628.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049628.D (-3405) (-)





#77

Bromobenzene

Concen: 44.748 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

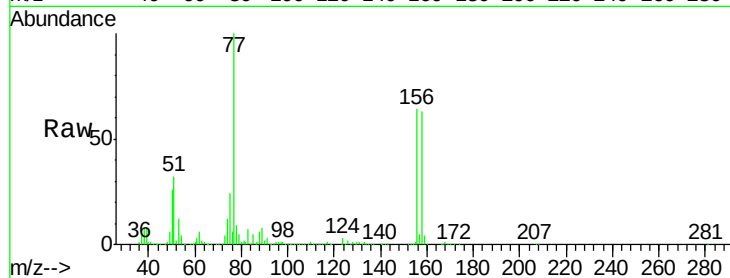
Tgt Ion:156 Resp: 972115

Ion Ratio Lower Upper

156 100

77 180.4 90.2 270.6

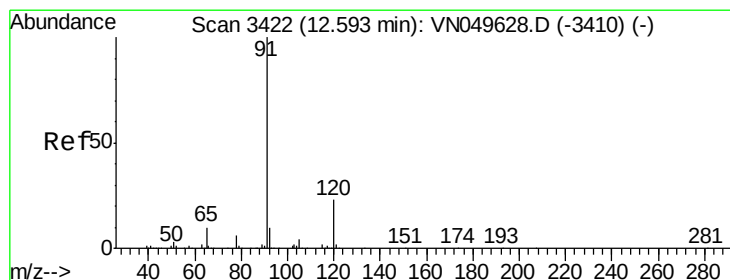
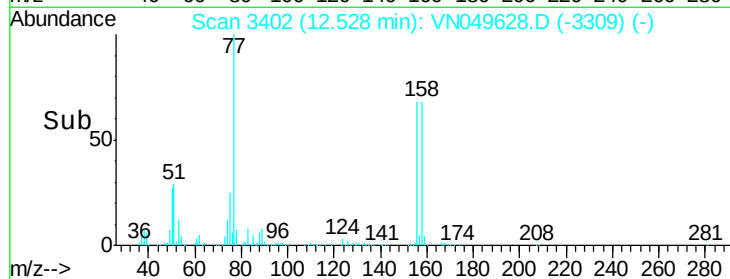
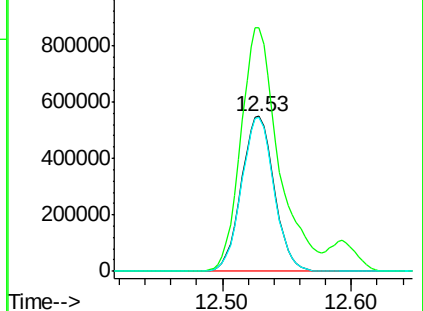
158 98.2 49.1 147.3



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: 49.057 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049628.D

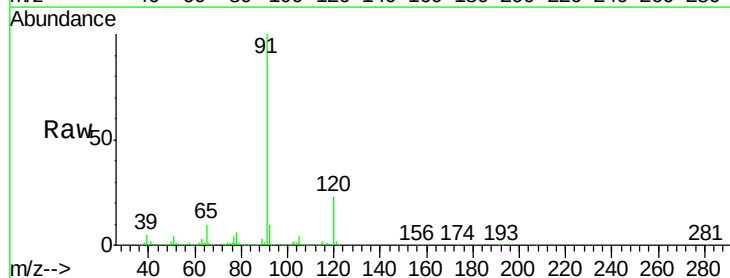
Acq: 29 Jun 2018 12:10

Tgt Ion: 91 Resp: 4491799

Ion Ratio Lower Upper

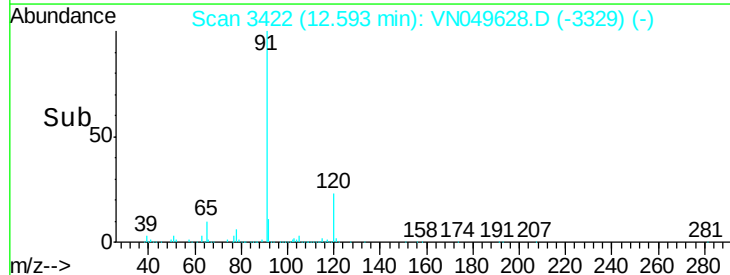
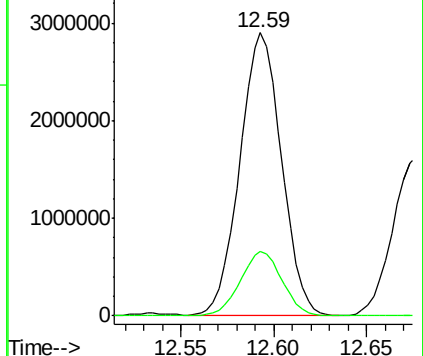
91 100

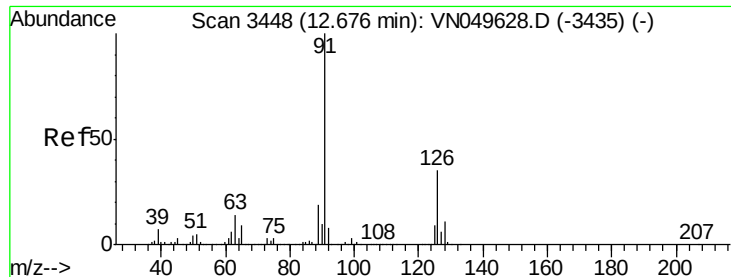
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.135 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

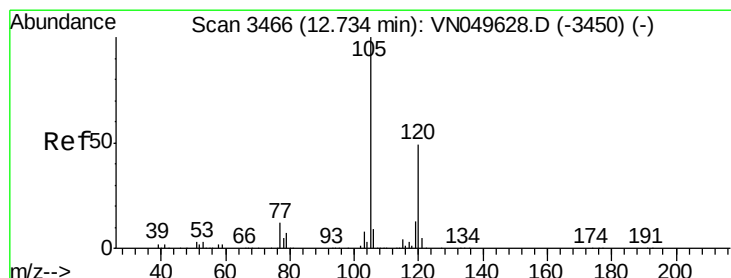
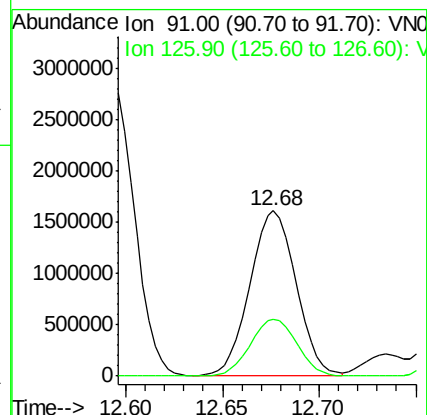
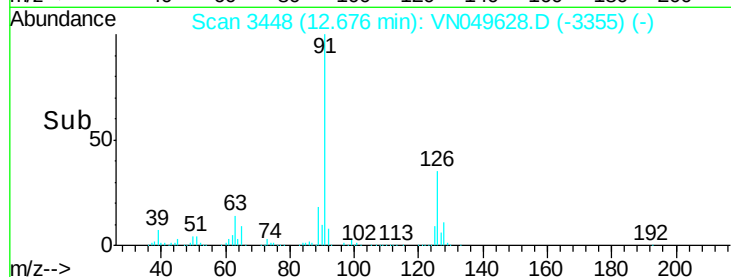
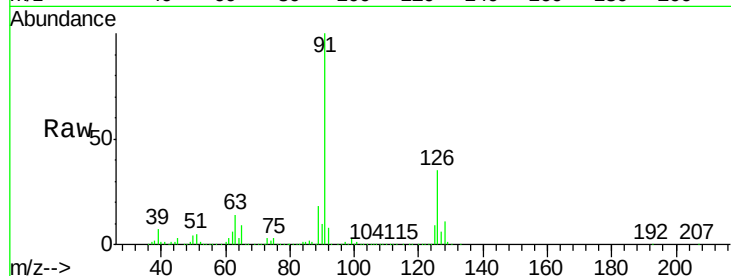
VSTDICCC050

Tgt Ion: 91 Resp: 2673435

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 49.278 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049628.D

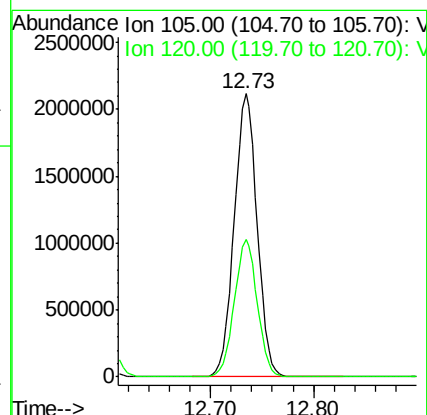
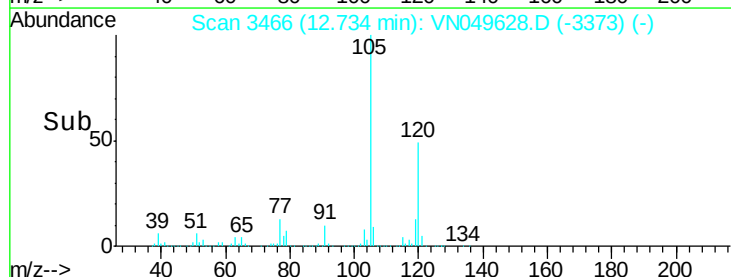
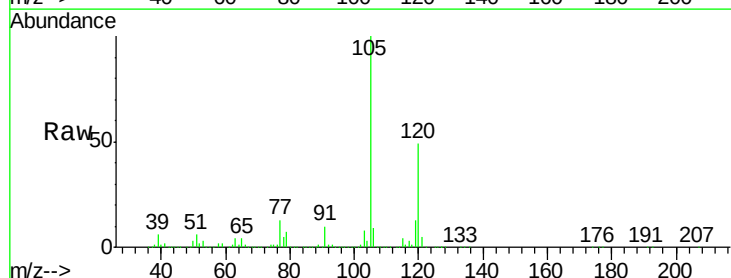
Acq: 29 Jun 2018 12:10

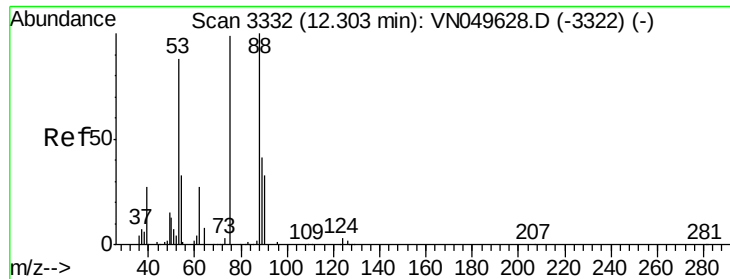
Tgt Ion: 105 Resp: 3271464

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.774 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

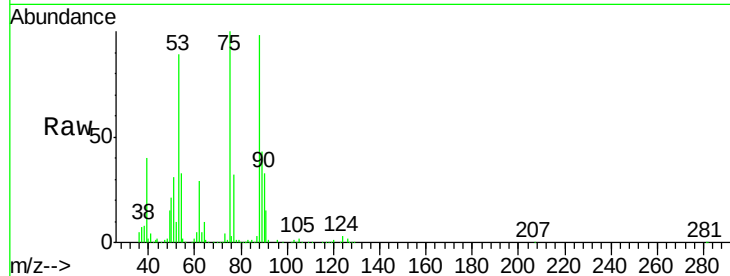
MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 226257

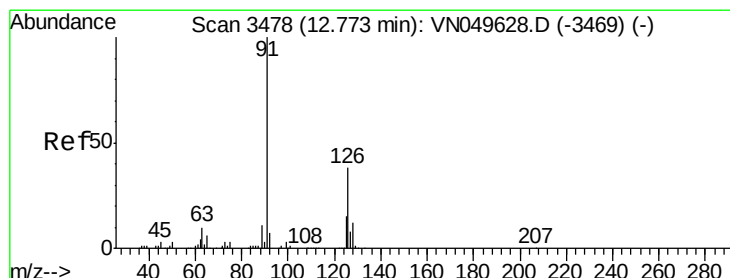
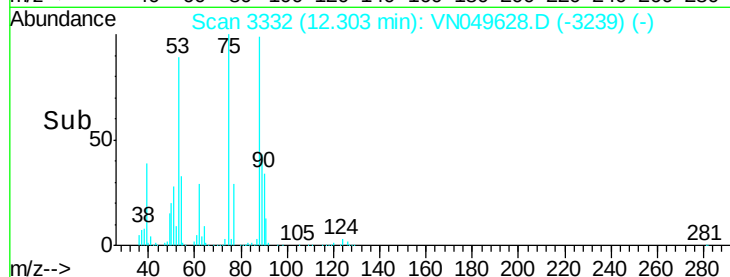
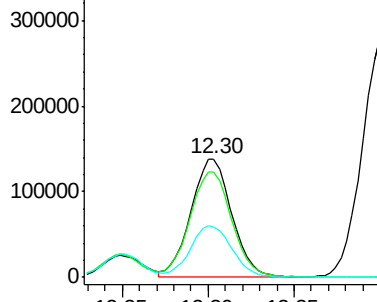
Ion	Ratio	Lower	Upper
75	100		
53	92.4	73.9	110.9
89	44.9	35.9	53.9



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: 46.966 ug/l

RT: 12.77 min Scan# 3478

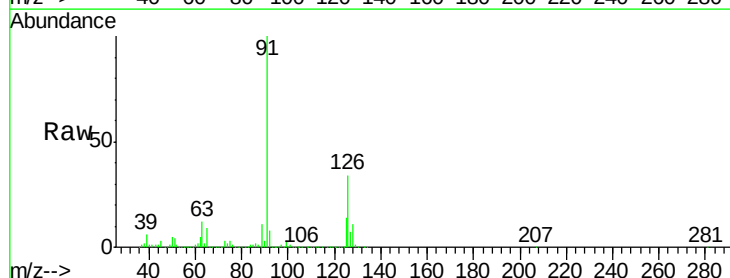
Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

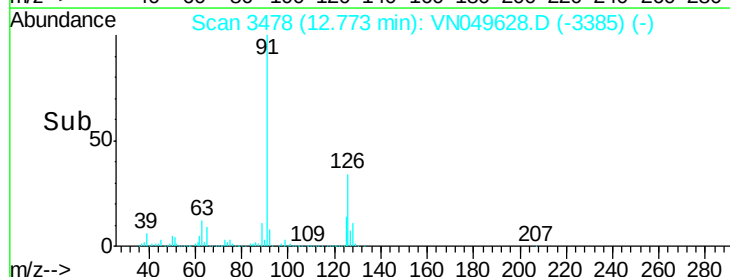
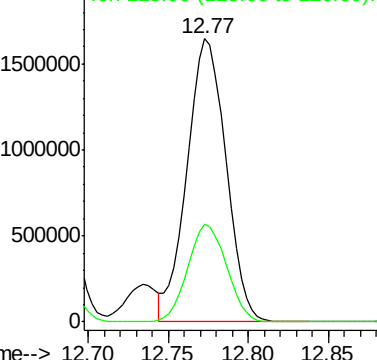
Tgt Ion: 91 Resp: 2736481

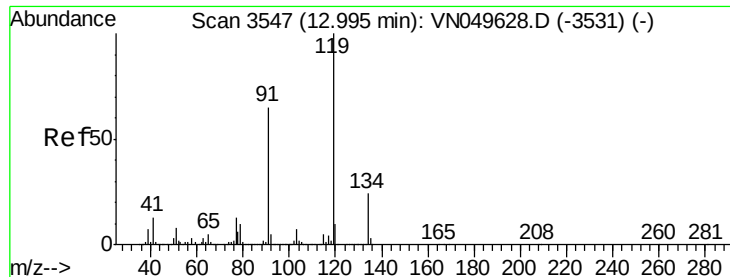
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.2	51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

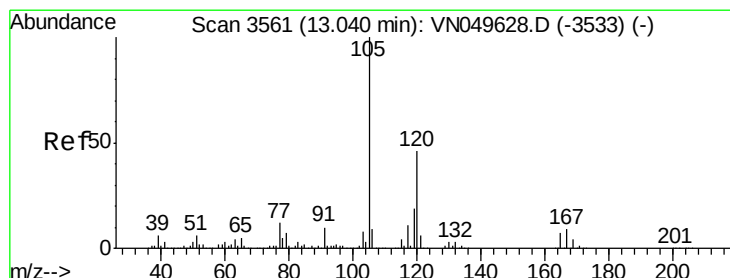
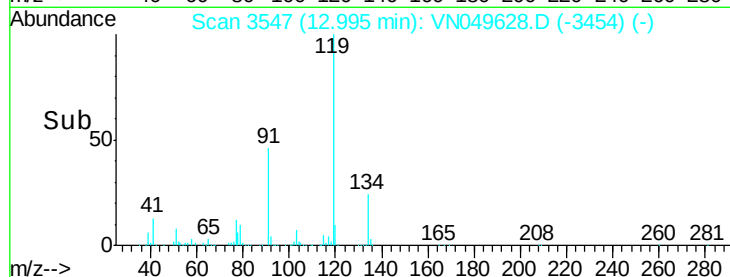
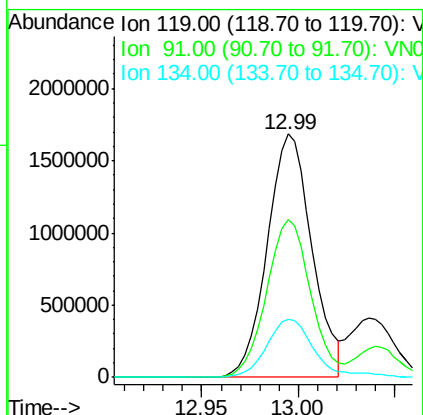
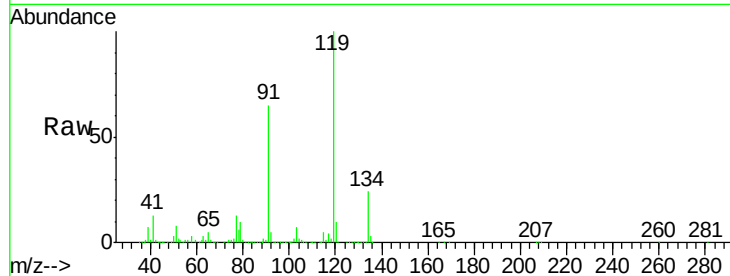




#83
 tert-Butylbenzene
 Concen: 47.589 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

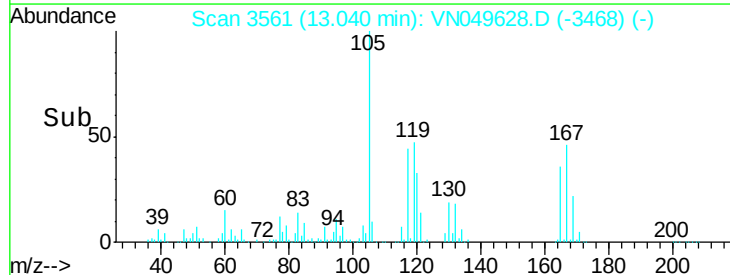
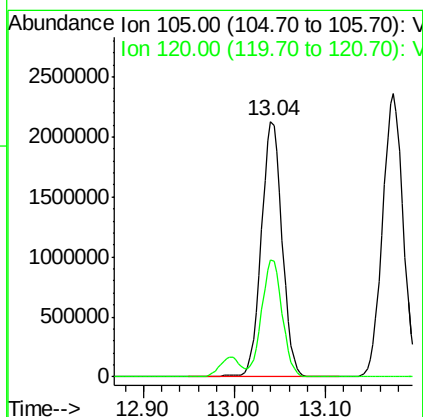
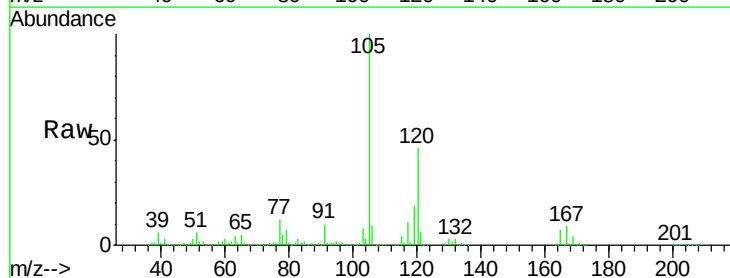
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

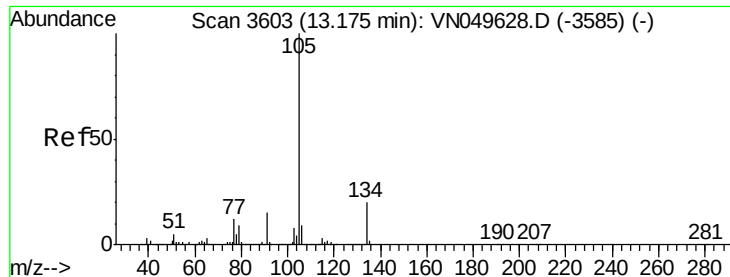
Tgt Ion:119 Resp: 2713988
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.0 96.2
 134 25.6 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.363 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion:105 Resp: 3367426
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

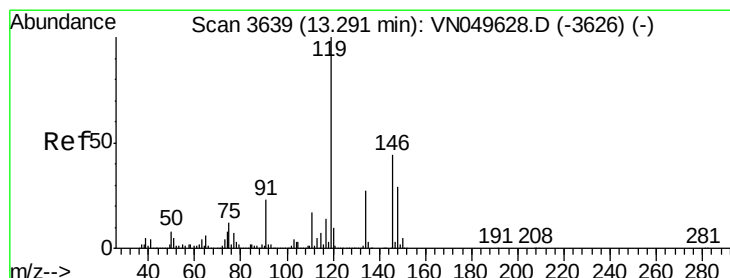
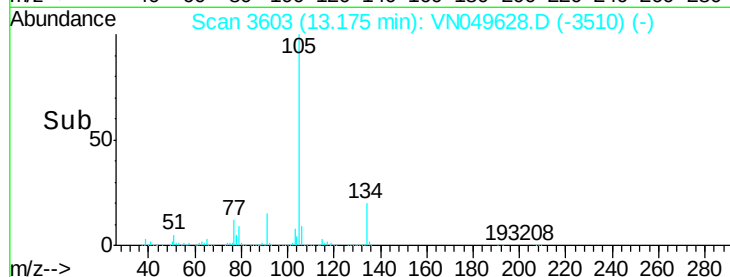
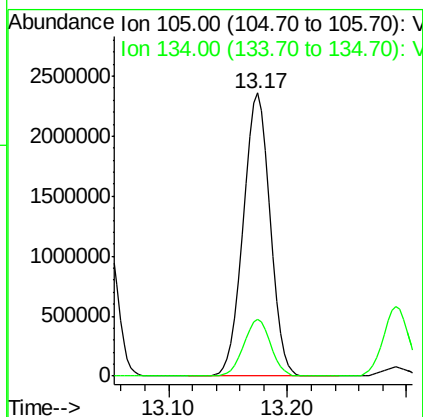
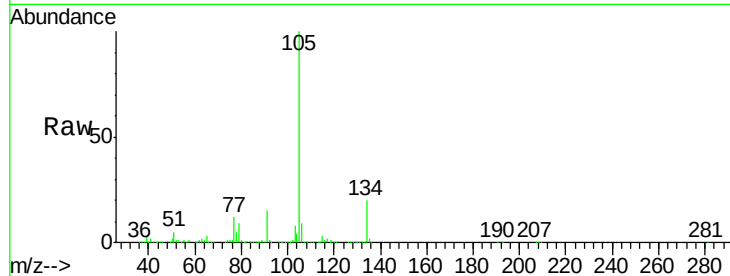




#85
 sec-Butylbenzene
 Concen: 48.744 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

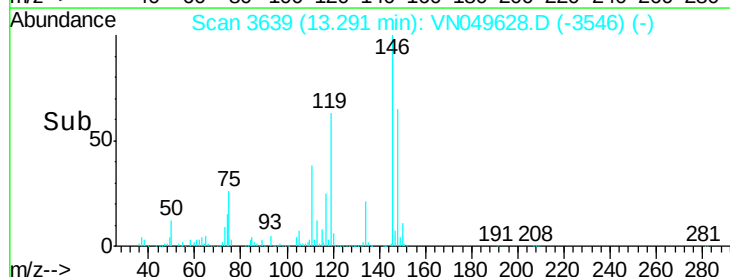
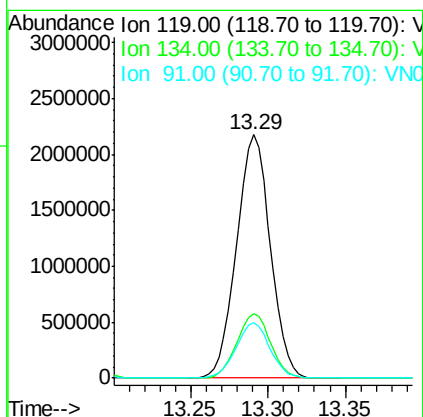
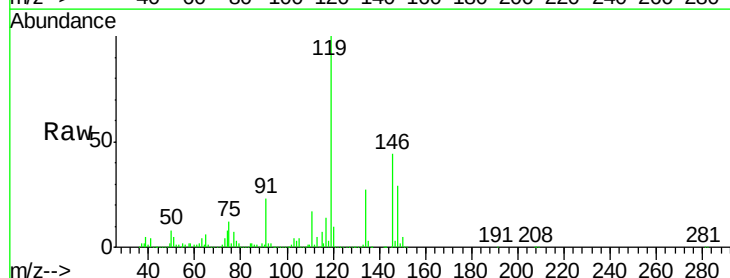
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

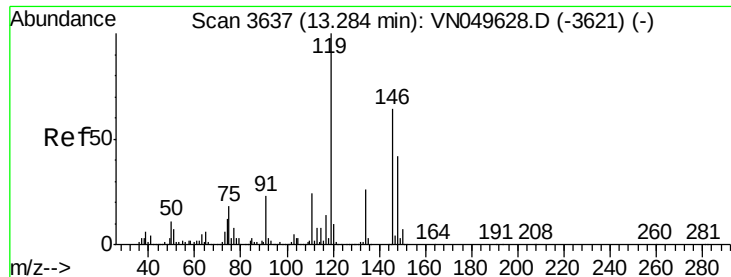
Tgt Ion:105 Resp: 3683098
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.241 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion:119 Resp: 3288105
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.7 11.4 34.1

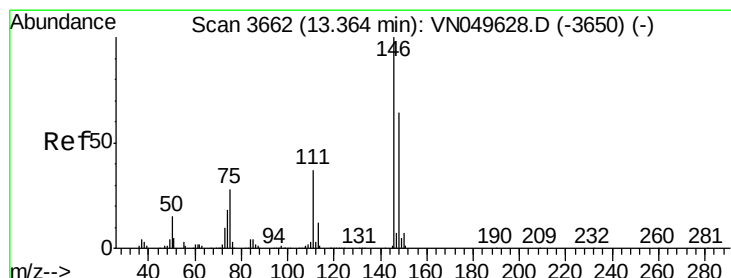
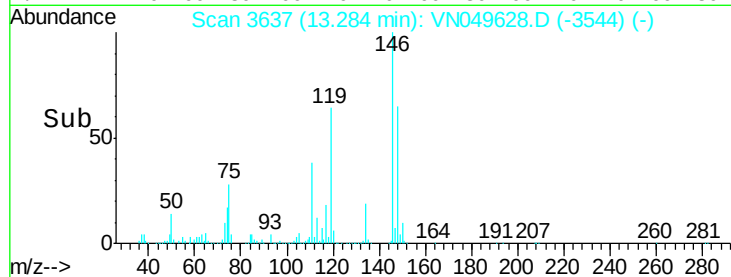
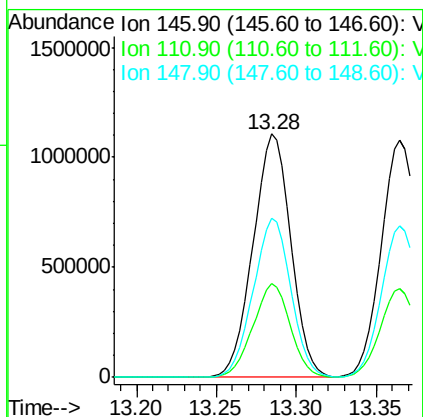
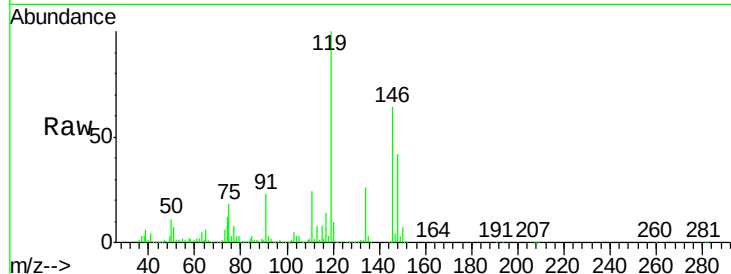




#87
 1,3-Dichlorobenzene
 Concen: 44.769 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

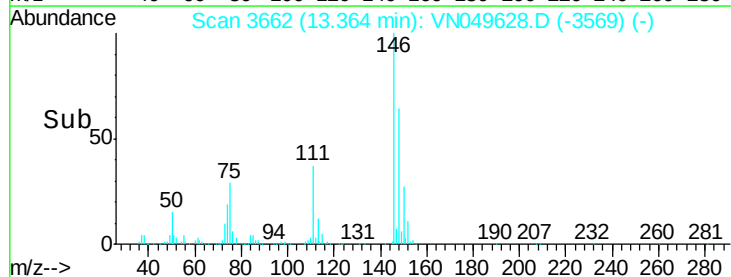
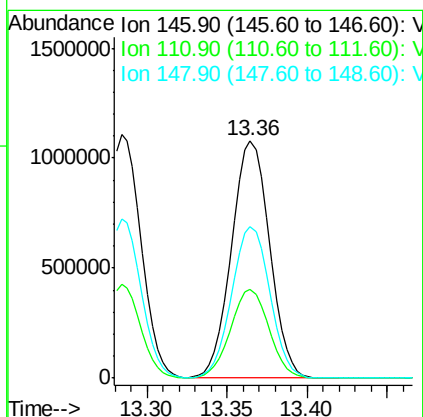
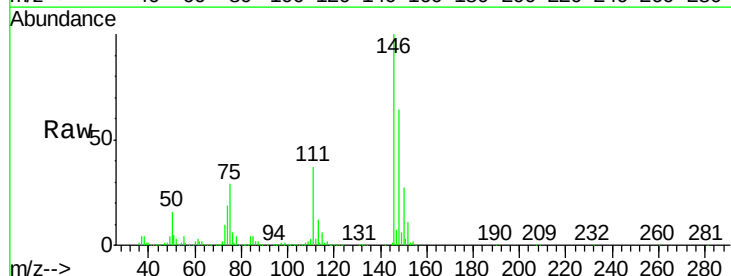
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

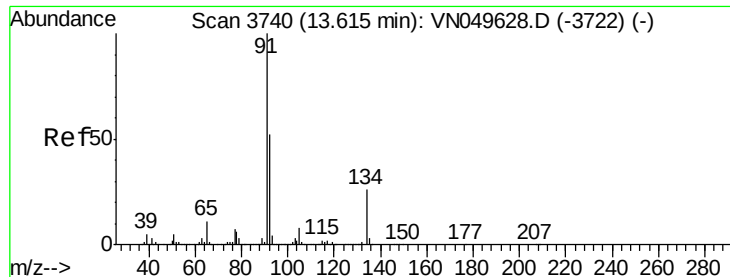
Tgt Ion:146 Resp: 1795516
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 65.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 43.695 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion:146 Resp: 1749413
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 48.677 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

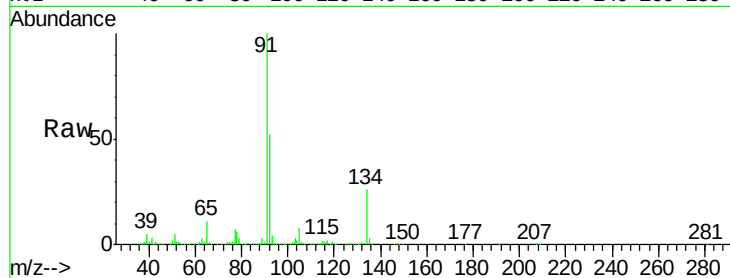
Tgt Ion: 91 Resp: 2727412

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.3

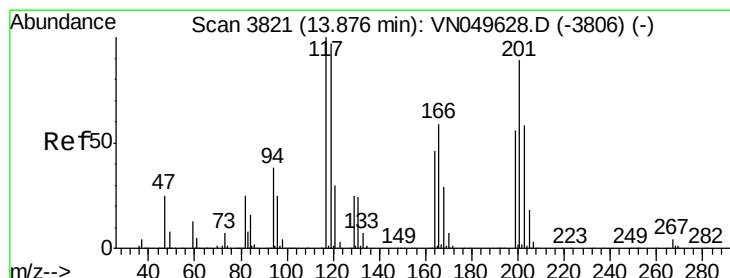
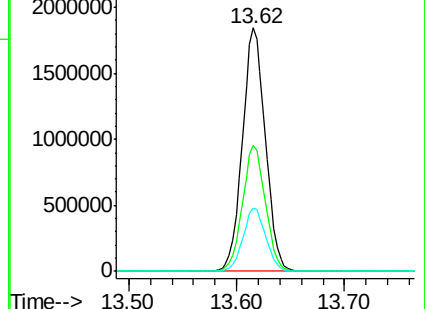
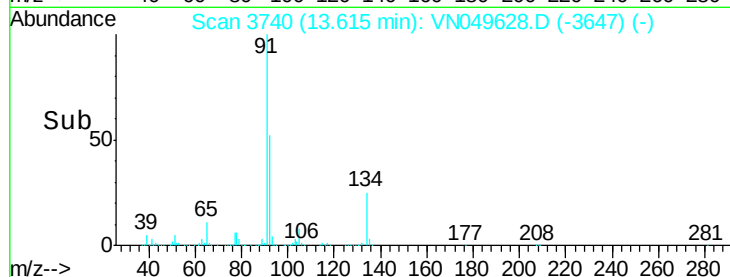
134 25.9 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN049628.D (-3722) (-)

Ion 92.00 (91.70 to 92.70): VN049628.D (-3722) (-)

Ion 134.00 (133.70 to 134.70): VN049628.D (-3722) (-)



#90

Hexachloroethane

Concen: 46.641 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049628.D

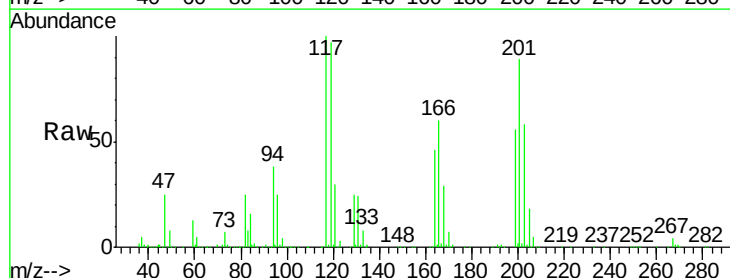
Acq: 29 Jun 2018 12:10

Tgt Ion: 117 Resp: 320643

Ion Ratio Lower Upper

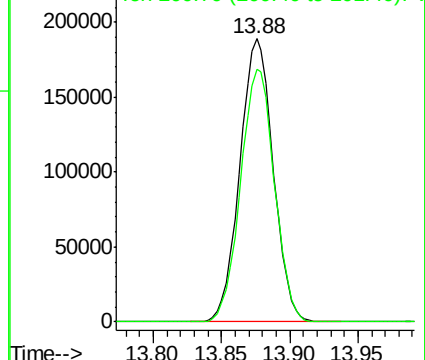
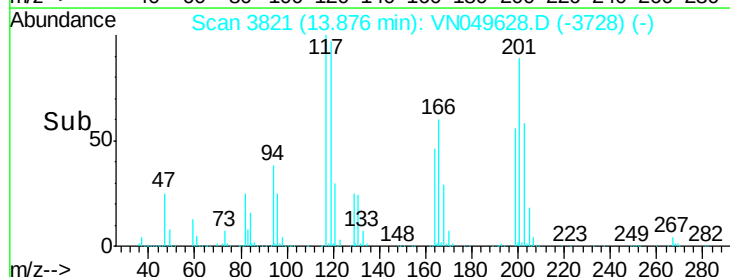
117 100

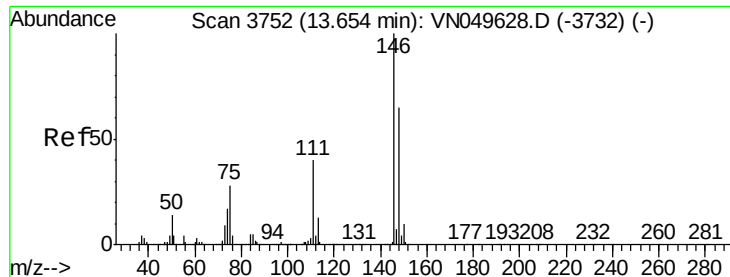
201 90.5 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049628.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN049628.D (-3806) (-)





#91

1,2-Dichlorobenzene

Concen: 44.733 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

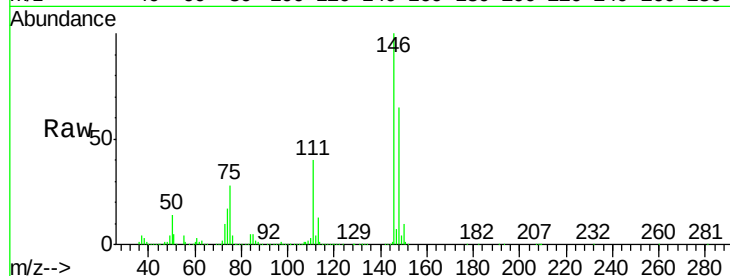
Tgt Ion:146 Resp: 1743836

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

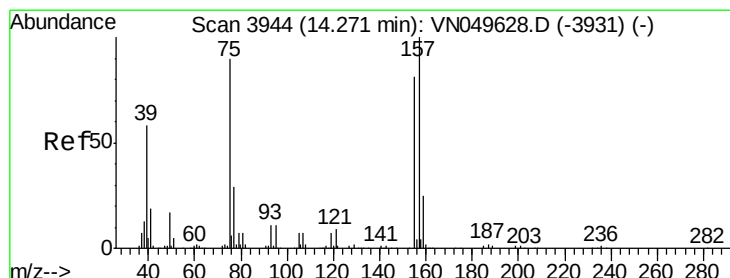
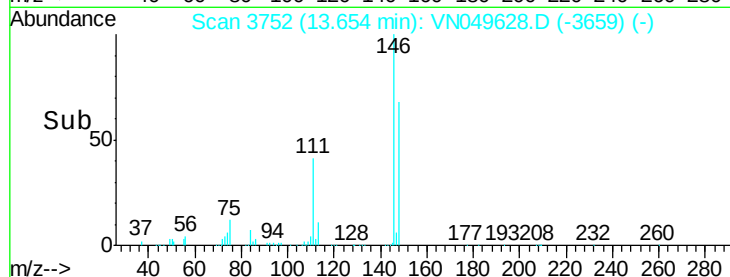
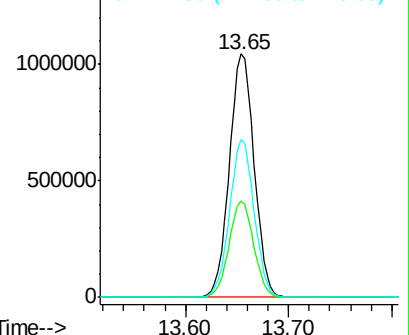
148 64.1 32.0 96.2



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: 42.203 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049628.D

Acq: 29 Jun 2018 12:10

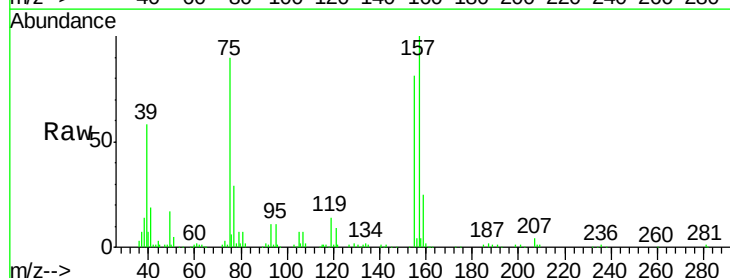
Tgt Ion: 75 Resp: 138931

Ion Ratio Lower Upper

75 100

155 91.4 45.7 137.1

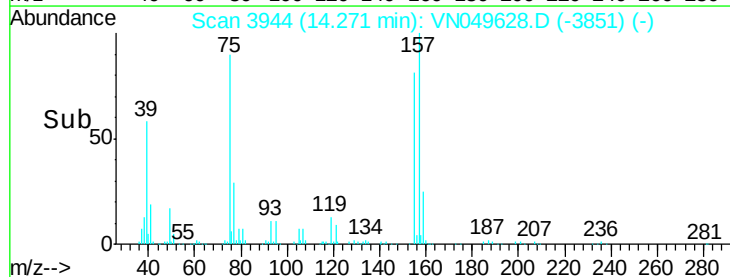
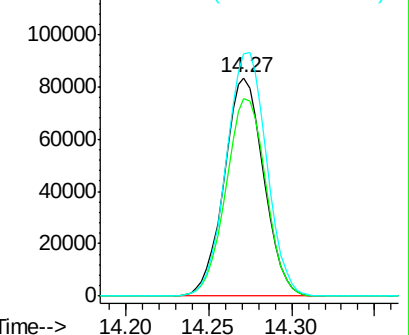
157 113.8 56.9 170.7

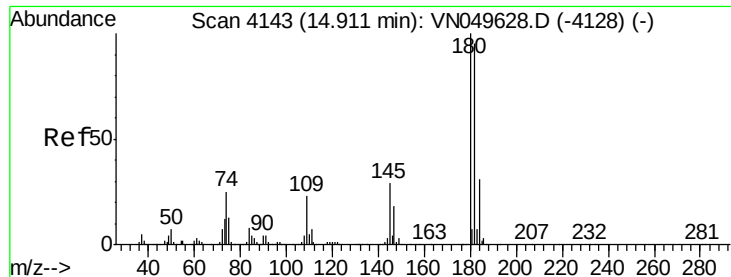


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

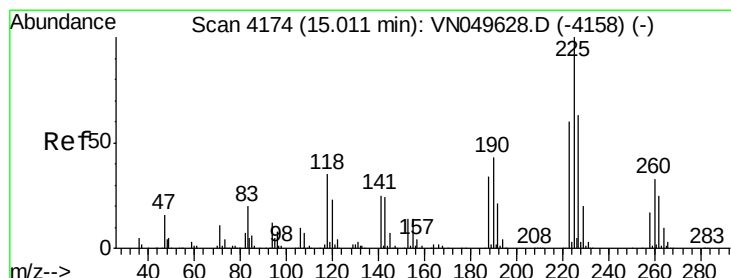
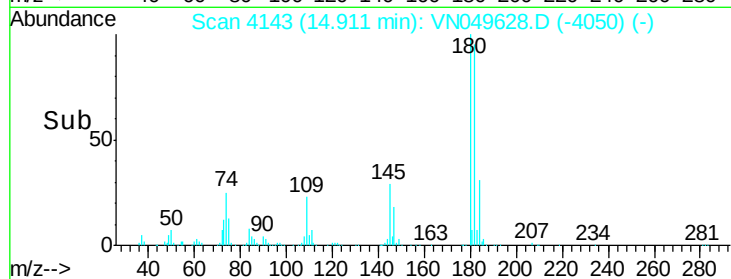
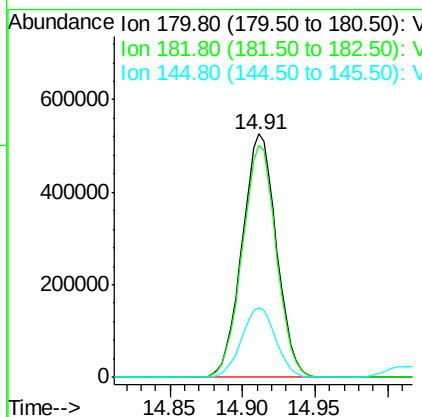
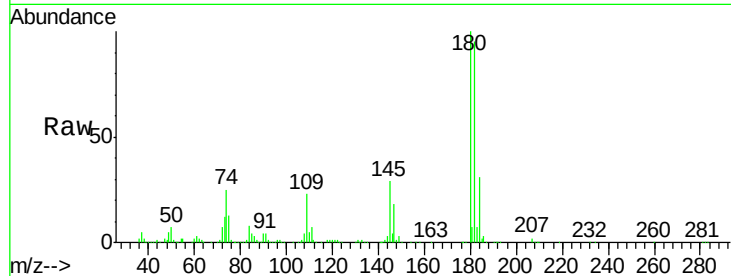




#93
 1,2,4-Trichlorobenzene
 Concen: 48.189 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

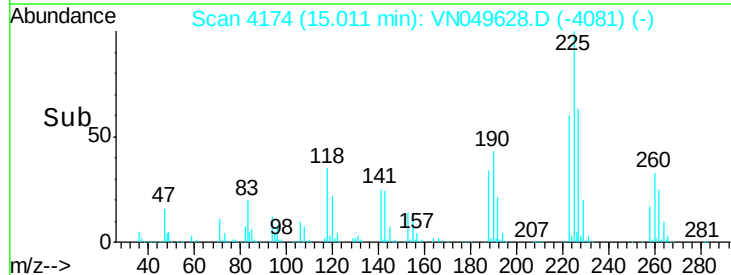
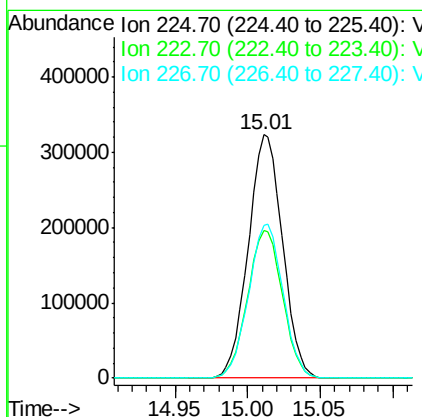
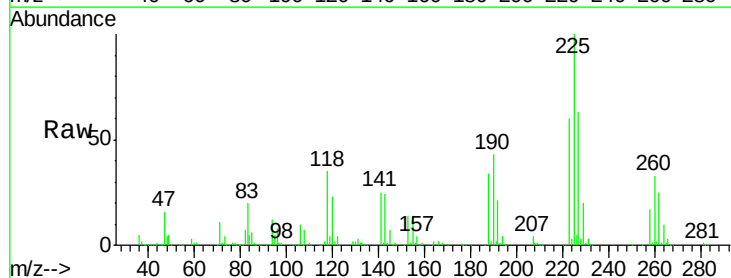
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

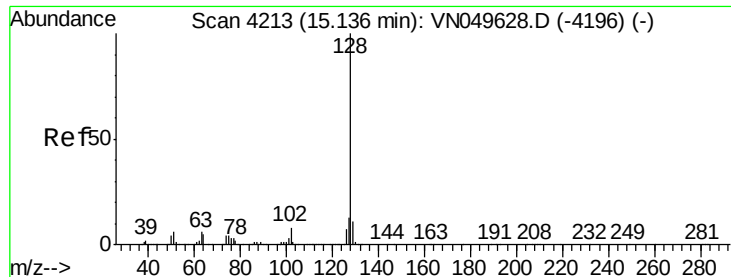
Tgt Ion:180 Resp: 865045
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 28.7 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 42.754 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN049628.D
 Acq: 29 Jun 2018 12:10

Tgt Ion:225 Resp: 532298
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 63.6 31.8 95.4

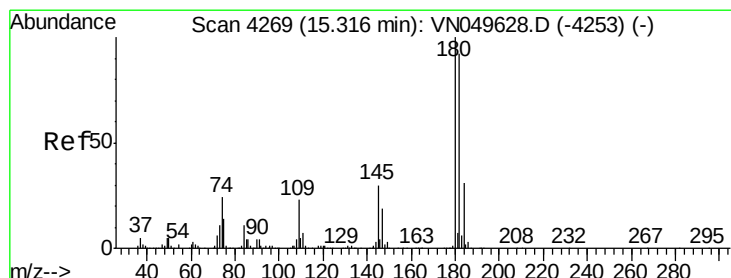
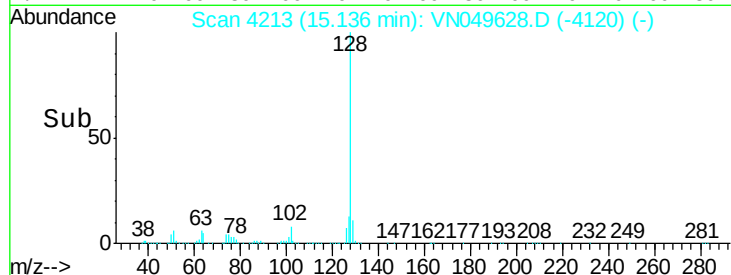
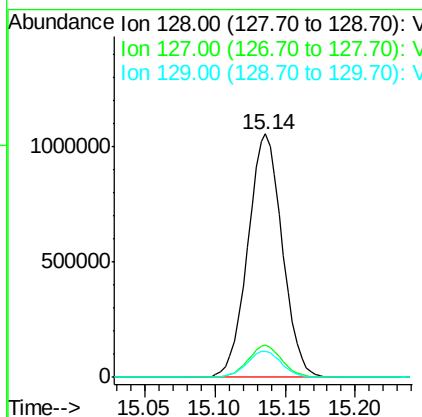
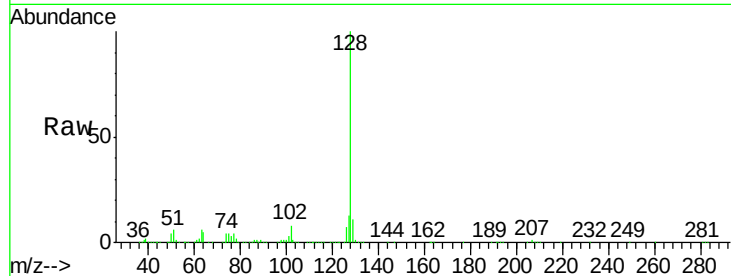




#95
Naphthalene
Concen: 46.756 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1800820
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 44.976 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049628.D
Acq: 29 Jun 2018 12:10

Tgt Ion:180 Resp: 830684
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 30.4 15.2 45.6

