

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054764.D
 Acq On : 29 Mar 2019 12:12
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 00:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	502322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	798636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	699866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	327304	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	910942	134.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.06%	
35) Dibromofluoromethane	7.59	113	734784	138.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.00%	
50) Toluene-d8	10.09	98	2803712	141.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.28%	
62) 4-Bromofluorobenzene	12.40	95	989932	150.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	673287	132.51	ug/l	100
3) Chloromethane	2.06	50	945000	134.51	ug/l	99
4) Vinyl Chloride	2.19	62	834417	132.26	ug/l	100
5) Bromomethane	2.55	94	478834	149.22	ug/l	99
6) Chloroethane	2.70	64	467146	132.60	ug/l	98
7) Trichlorofluoromethane	3.02	101	1027109	132.42	ug/l	100
8) Diethyl Ether	3.41	74	338744	135.63	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.75	101	532297	138.83	ug/l	93
10) Methyl Iodide	3.94	142	838052	149.93	ug/l #	88
11) Tert butyl alcohol	4.81	59	259942	729.48	ug/l	99
12) 1,1-Dichloroethene	3.73	96	526325	133.30	ug/l #	74
13) Acrolein	3.61	56	247836	785.78	ug/l	97
14) Allyl chloride	4.32	41	1386591	143.91	ug/l #	90
15) Acrylonitrile	4.99	53	1409214	718.62	ug/l	100
16) Acetone	3.82	43	1043898	646.48	ug/l #	82
17) Carbon Disulfide	4.04	76	1881585	146.92	ug/l	99
18) Methyl Acetate	4.33	43	617403	148.61	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	1973444	142.88	ug/l	93
20) Methylene Chloride	4.54	84	756115	132.75	ug/l #	82
21) trans-1,2-Dichloroethene	5.04	96	714285	137.72	ug/l	85
22) Diisopropyl ether	5.96	45	2725806	141.70	ug/l #	92
23) Vinyl Acetate	5.90	43	10229060	782.55	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	1425481	138.92	ug/l	98
25) 2-Butanone	6.84	43	1791113	750.39	ug/l #	88
26) 2,2-Dichloropropane	6.82	77	1052571	146.35	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	822490	140.38	ug/l	86
28) Bromochloromethane	7.19	49	719740	140.27	ug/l #	71
29) Tetrahydrofuran	7.22	42	1176337	708.62	ug/l #	83
30) Chloroform	7.37	83	1358349	138.83	ug/l	99
31) Cyclohexane	7.65	56	1356931	149.22	ug/l	85
32) 1,1,1-Trichloroethane	7.57	97	1166453	143.85	ug/l	96
36) 1,1-Dichloropropene	7.79	75	1081919	148.41	ug/l	95
37) Ethyl Acetate	6.94	43	788997	147.33	ug/l	95
38) Carbon Tetrachloride	7.77	117	1030799	142.61	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1206007	147.41	ug/l	89
40) Benzene	8.04	78	3104665	145.80	ug/l	99
41) Methacrylonitrile	7.18	41	462520	150.87	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	1082728	142.41	ug/l	97
43) Isopropyl Acetate	8.17	43	1420660	160.22	ug/l #	94
44) Trichloroethene	8.83	130	798928	144.54	ug/l	92
45) 1,2-Dichloropropane	9.12	63	873248	143.82	ug/l	99
46) Dibromomethane	9.21	93	495193	144.98	ug/l	88
47) Bromodichloromethane	9.40	83	1086017	152.99	ug/l	98
48) Methyl methacrylate	9.20	41	737024	153.33	ug/l	87
49) 1,4-Dioxane	9.20	88	145700	3054.95	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	3864878	775.24	ug/l	93
52) Toluene	10.16	92	1878670	148.27	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1148645	172.02	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1314243	164.77	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	675970	143.48	ug/l	97
56) Ethyl methacrylate	10.43	69	1000522	161.89	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	1211165	149.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2061561	752.65	ug/l #	89
59) 2-Hexanone	10.75	43	2522793	790.49	ug/l	91
60) Dibromochloromethane	10.90	129	793254	166.21	ug/l	100
61) 1,2-Dibromoethane	11.01	107	691097	153.49	ug/l	98
64) Tetrachloroethene	10.63	164	725348	135.06	ug/l	96
65) Chlorobenzene	11.43	112	2001937	146.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	766502	149.45	ug/l	100
67) Ethyl Benzene	11.51	91	3666362	148.27	ug/l	98
68) m/p-Xylenes	11.62	106	2709100	296.06	ug/l	95
69) o-Xylene	11.95	106	1304551	145.39	ug/l	95
70) Styrene	11.96	104	2249991	156.83	ug/l	97
71) Bromoform	12.13	173	515011	171.40	ug/l #	99
73) Isopropylbenzene	12.25	105	3463843	129.48	ug/l	98
74) N-amyl acetate	12.07	43	1193485	143.20	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	853308	148.05	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1068531	231.40	ug/l #	100
77) Bromobenzene	12.53	156	875297	135.57	ug/l	84
78) n-propylbenzene	12.59	91	3971112	135.05	ug/l	96
79) 2-Chlorotoluene	12.67	91	2379064	130.78	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	2923844	133.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	242720	166.04	ug/l	91
82) 4-Chlorotoluene	12.77	91	2445583	138.41	ug/l	95
83) tert-Butylbenzene	12.99	119	2457906	148.63	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	2908121	139.06	ug/l	98
85) sec-Butylbenzene	13.17	105	3179392	133.33	ug/l	97
86) p-Isopropyltoluene	13.29	119	2892874	137.55	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1512964	139.96	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1476163	139.23	ug/l	98
89) n-Butylbenzene	13.62	91	2514144	146.51	ug/l	98
90) Hexachloroethane	13.88	117	523878	146.71	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	1443375	132.30	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	137726	150.59	ug/l	84

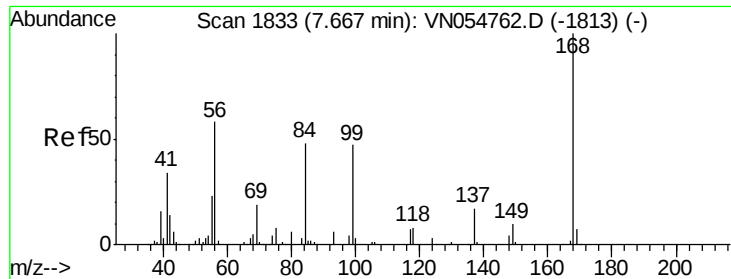
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
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Quant Time: Mar 30 00:09:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	861556	163.81	ug/l	98
94) Hexachlorobutadiene	15.01	225	450987	148.95	ug/l	100
95) Naphthalene	15.13	128	1967193	166.76	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	814575	153.35	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

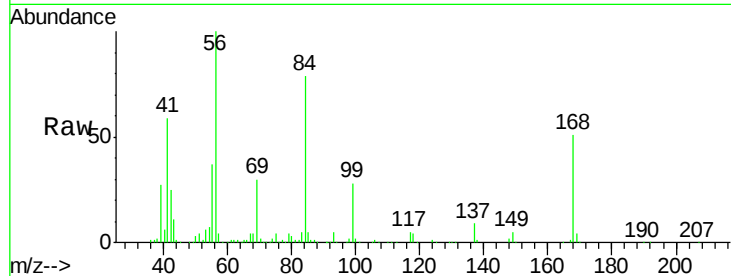
ClientSampleId :

Tot Ion:168 Resp: 502322

Ion Ratio Lower Upper

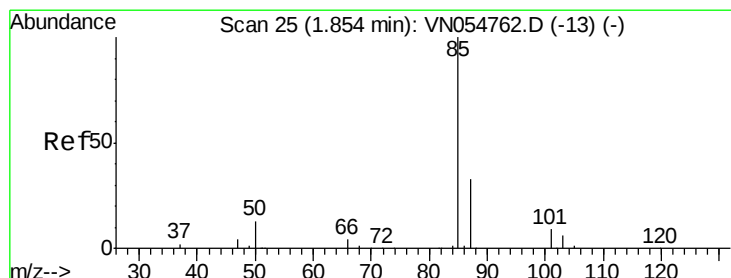
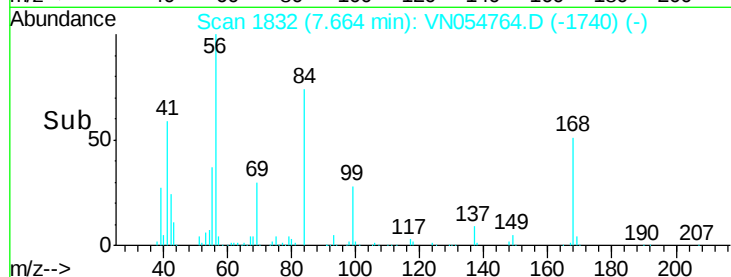
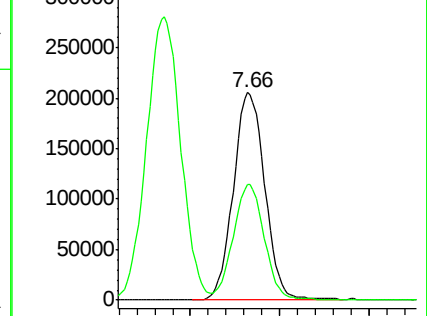
168 100

99 55.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 132.51 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN054764.D

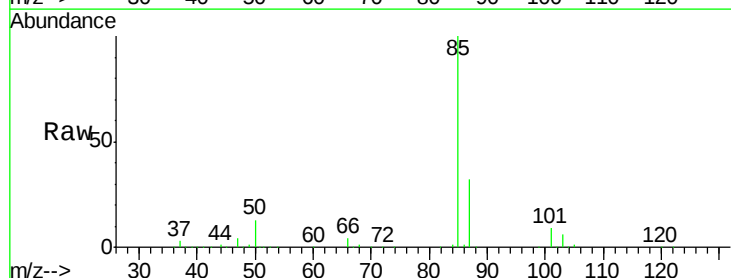
Acq: 29 Mar 2019 12:12

Tgt Ion: 85 Resp: 673287

Ion Ratio Lower Upper

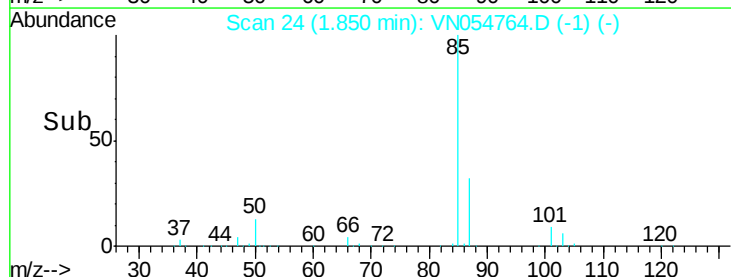
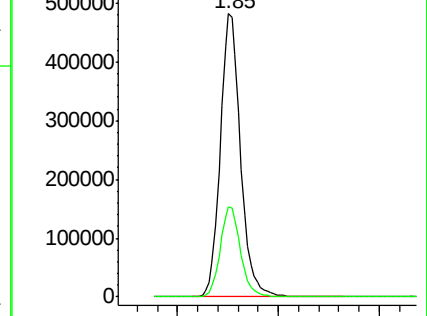
85 100

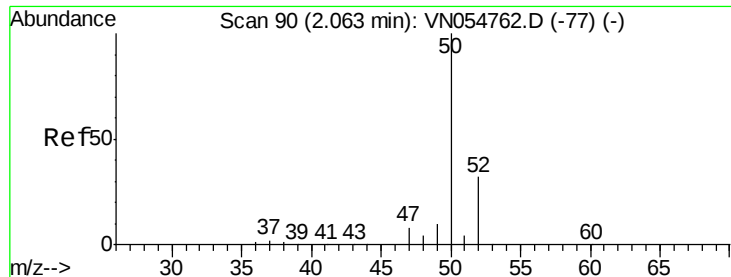
87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 134.51 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

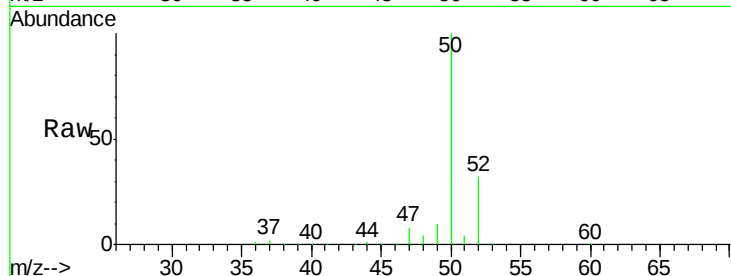
ClientSampleId :

Tot Ion: 50 Resp: 945000

Ion Ratio Lower Upper

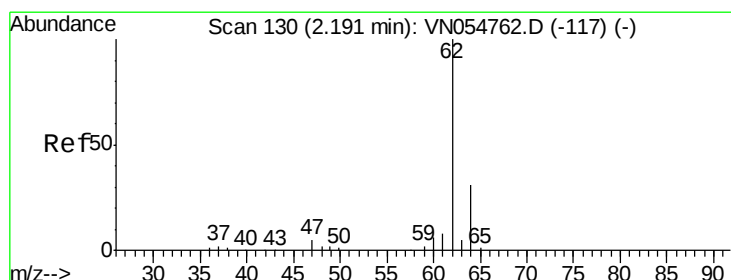
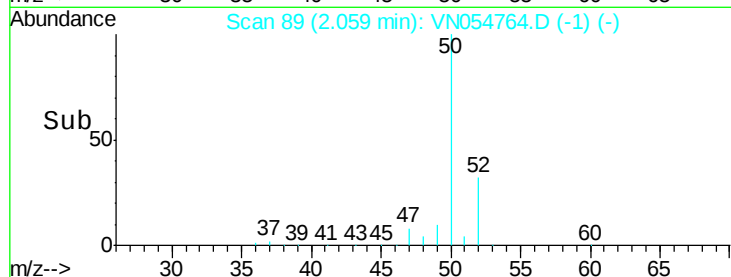
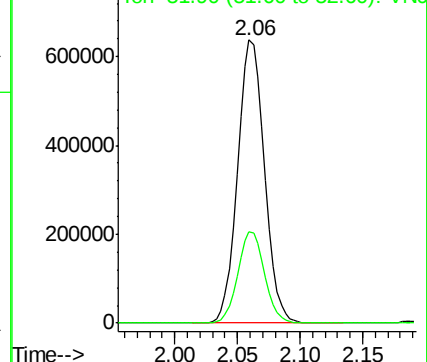
50 100

52 32.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 132.26 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054764.D

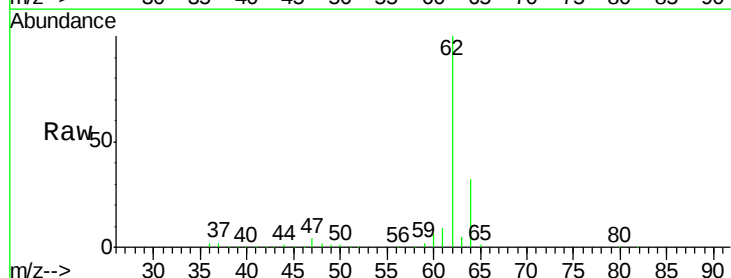
Acq: 29 Mar 2019 12:12

Tgt Ion: 62 Resp: 834417

Ion Ratio Lower Upper

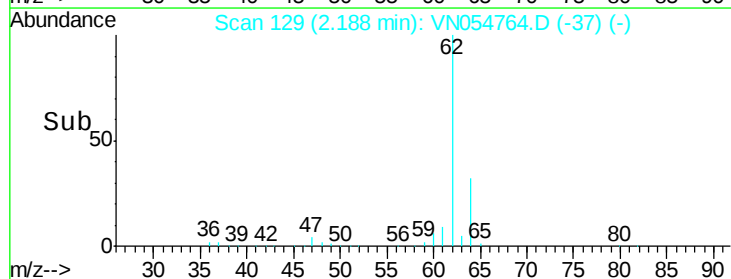
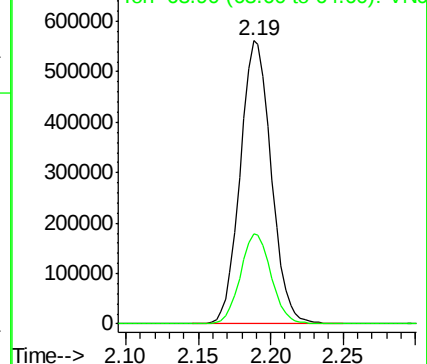
62 100

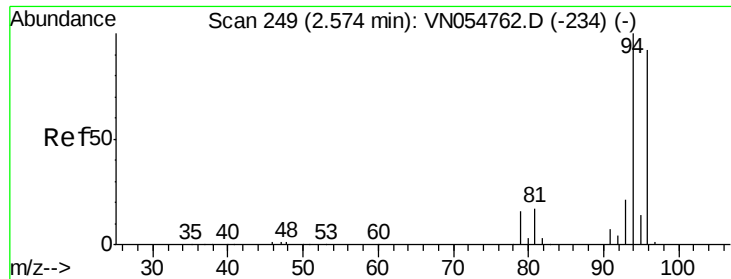
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 149.22 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.02 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

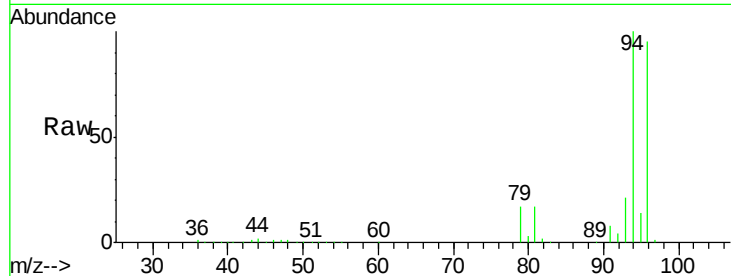
ClientSampled :

Tot Ion: 94 Resp: 478834

Ion Ratio Lower Upper

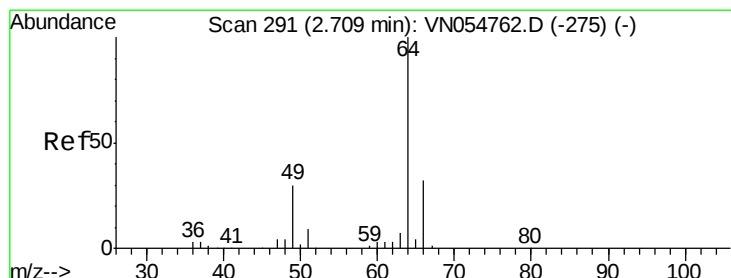
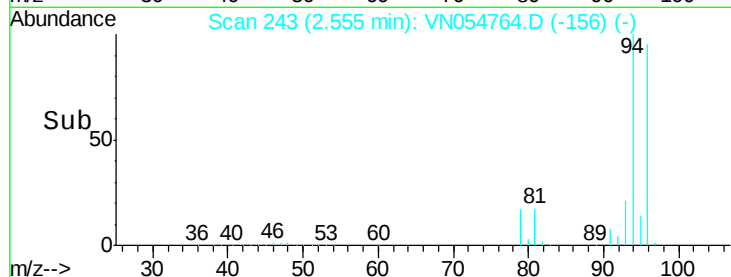
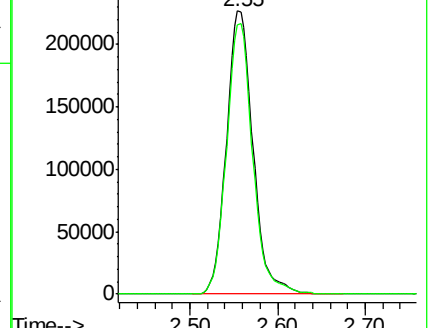
94 100

96 95.1 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 132.60 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN054764.D

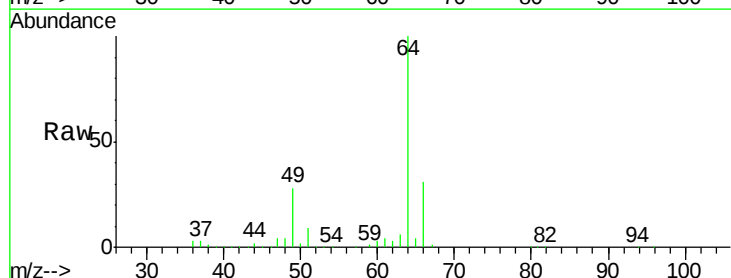
Acq: 29 Mar 2019 12:12

Tgt Ion: 64 Resp: 467146

Ion Ratio Lower Upper

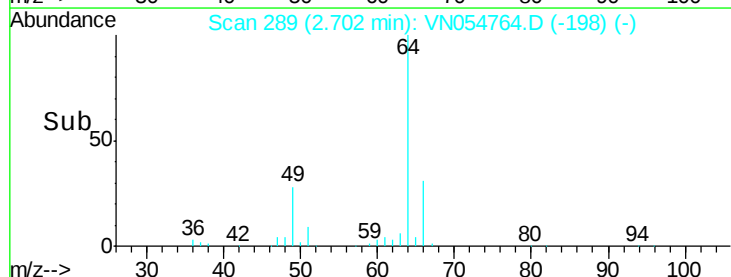
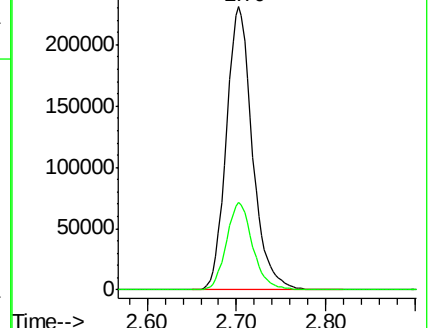
64 100

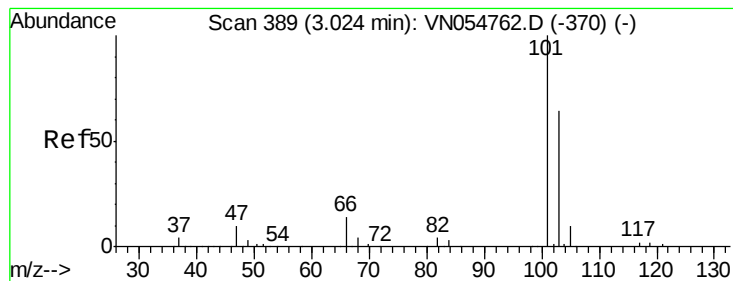
66 30.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



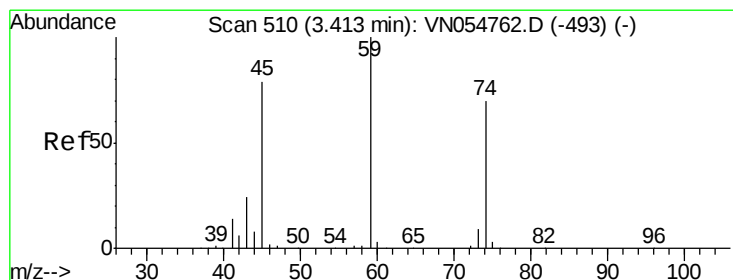
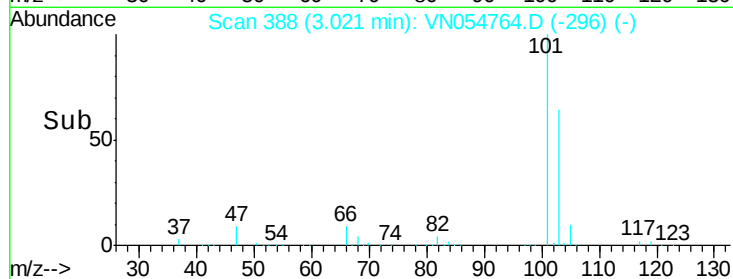
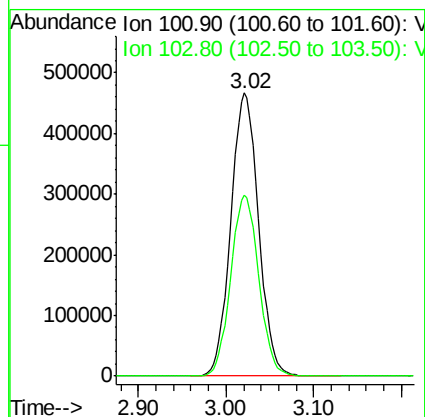
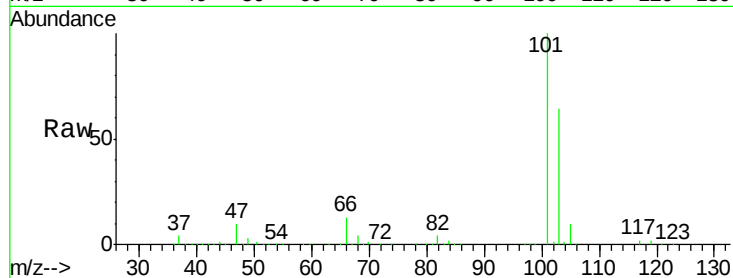


#7

Trichlorofluoromethane
Concen: 132.42 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampled :

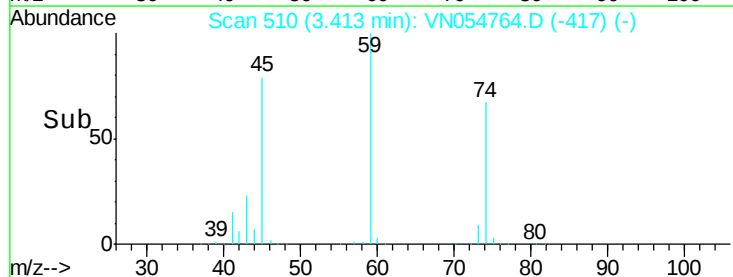
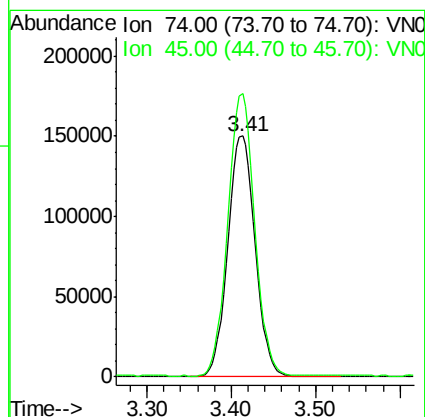
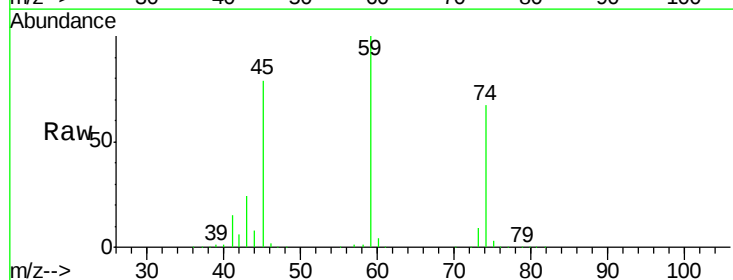
Tot Ion:101 Resp: 1027109
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

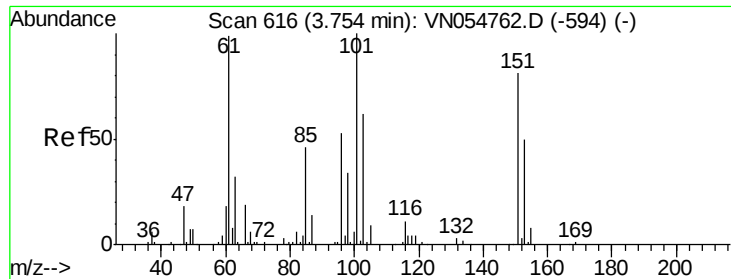


#8

Diethyl Ether
Concen: 135.63 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 74 Resp: 338744
Ion Ratio Lower Upper
74 100
45 115.0 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.83 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

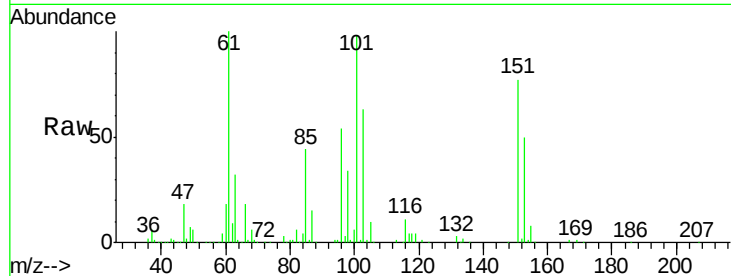
Tot Ion:101 Resp: 532297

Ion Ratio Lower Upper

101 100

85 45.5 32.4 48.6

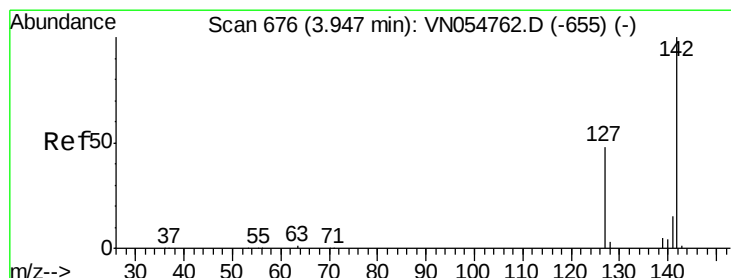
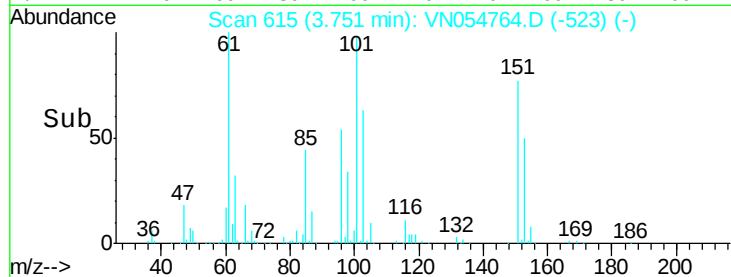
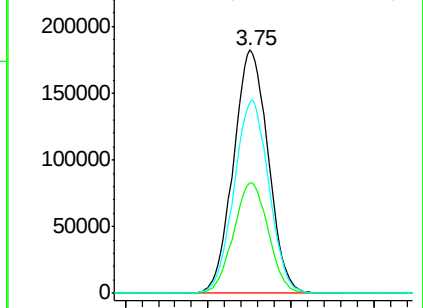
151 79.7 68.2 102.2



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: 149.93 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

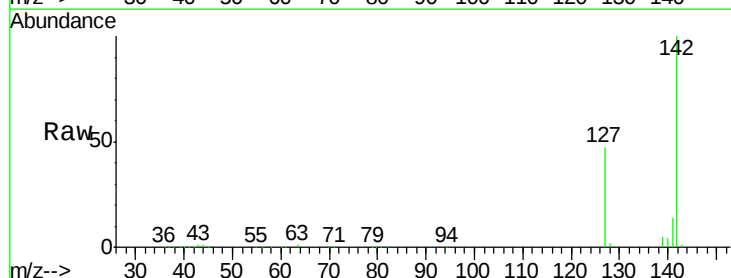
Tgt Ion:142 Resp: 838052

Ion Ratio Lower Upper

142 100

127 47.6 30.3 45.5#

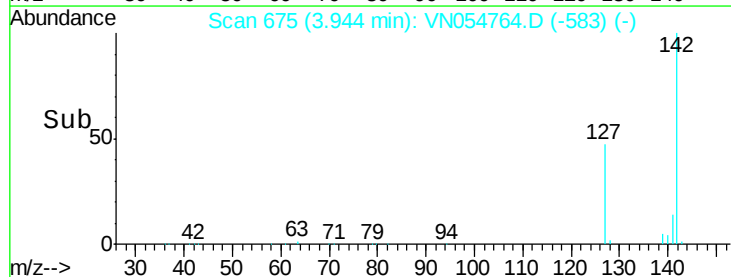
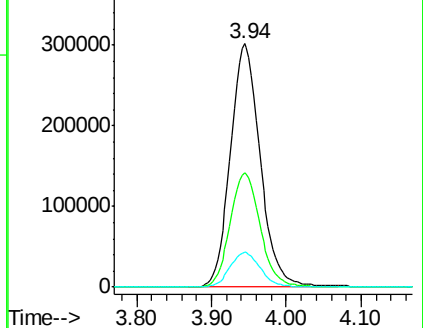
141 14.6 11.2 16.8

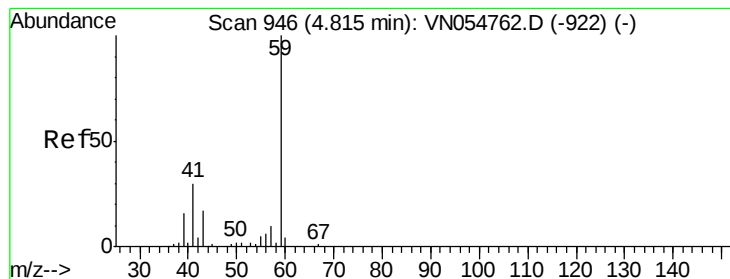


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



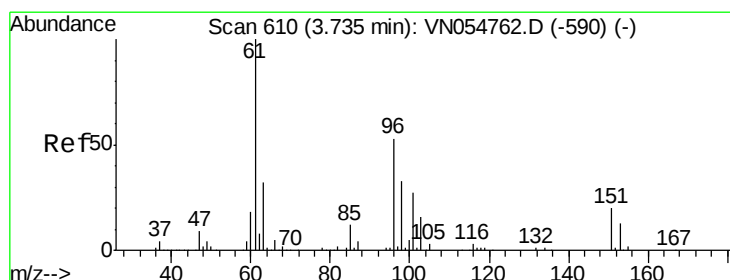
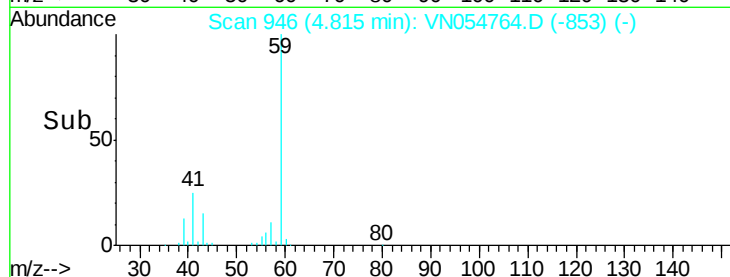
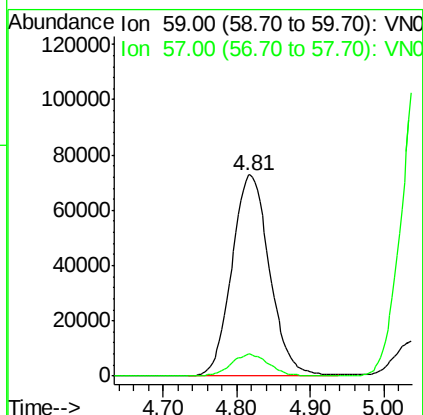
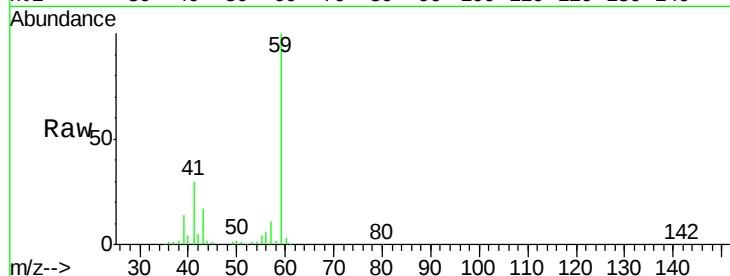


#11

Tert butyl alcohol
 Concen: 729.48 ug/l
 RT: 4.81 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampled :

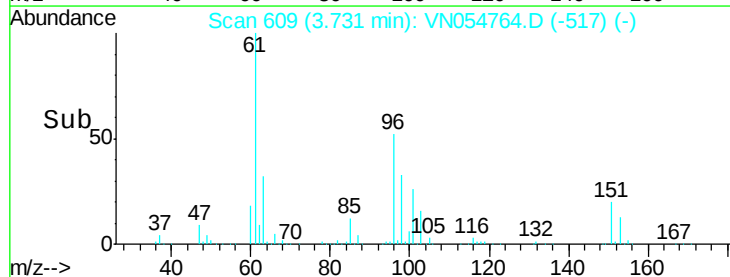
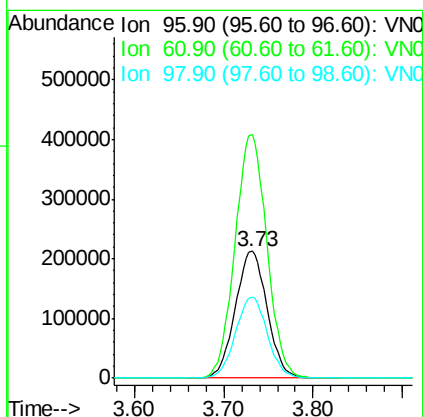
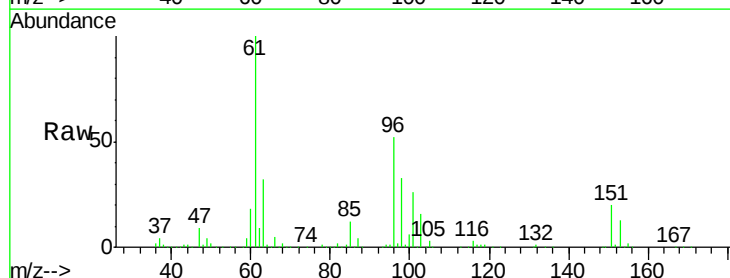
Tot Ion: 59 Resp: 259942
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.0 13.6

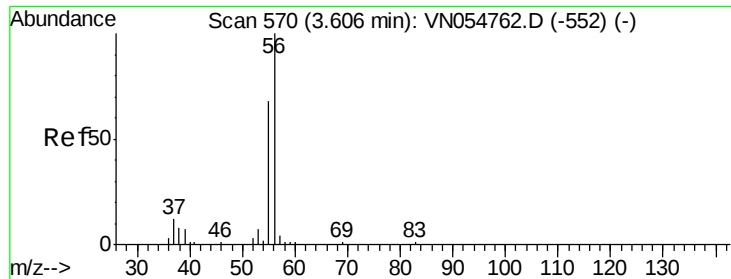


#12

1,1-Dichloroethene
 Concen: 133.30 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 96 Resp: 526325
 Ion Ratio Lower Upper
 96 100
 61 191.9 116.5 174.7#
 98 64.2 51.0 76.4





#13

Acrolein

Concen: 785.78 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

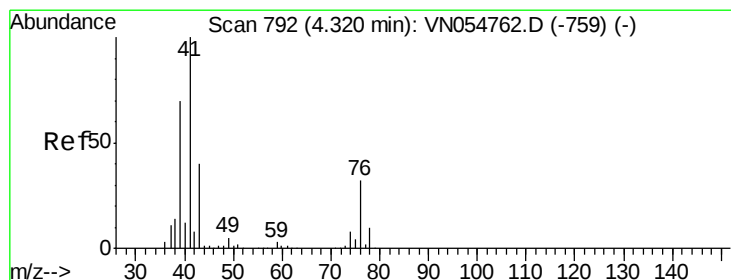
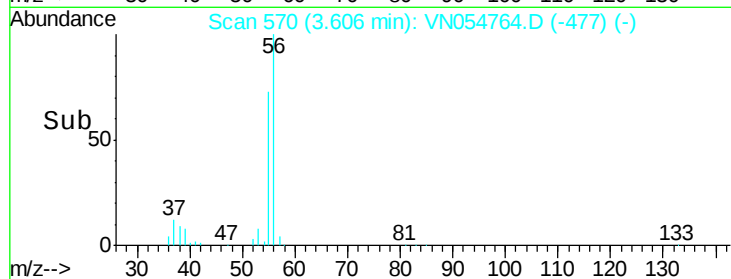
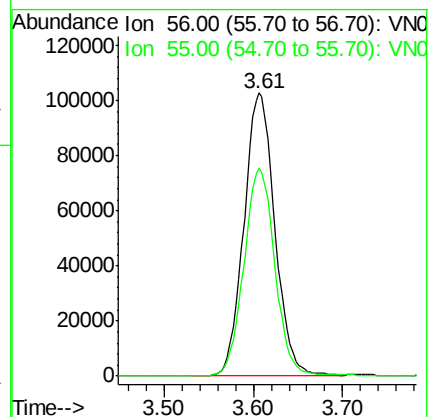
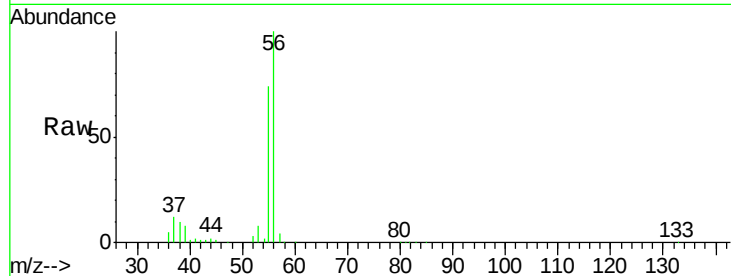
ClientSampled :

Tot Ion: 56 Resp: 247836

Ion Ratio Lower Upper

56 100

55 73.2 56.7 85.1



#14

Allyl chloride

Concen: 143.91 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

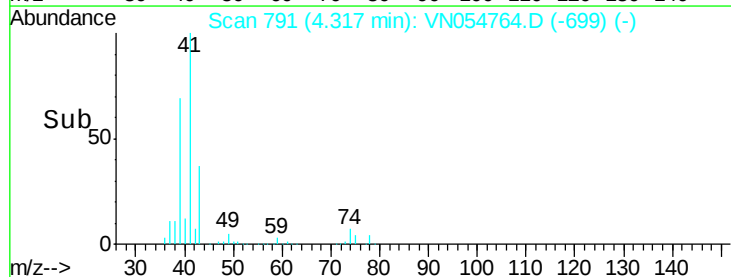
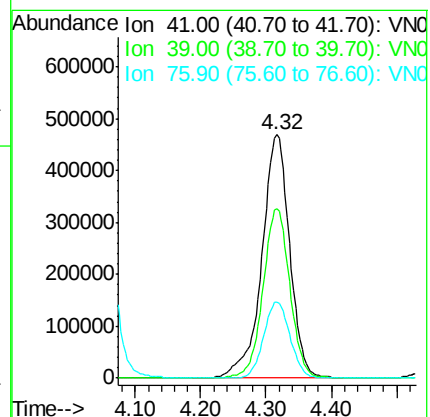
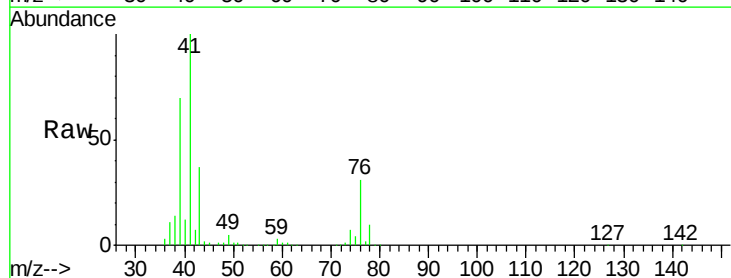
Tgt Ion: 41 Resp: 1386591

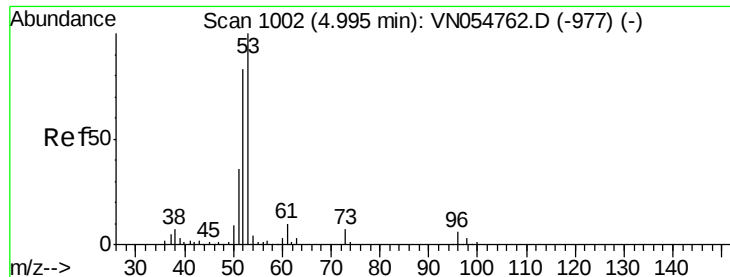
Ion Ratio Lower Upper

41 100

39 67.1 58.2 87.4

76 29.5 31.7 47.5#



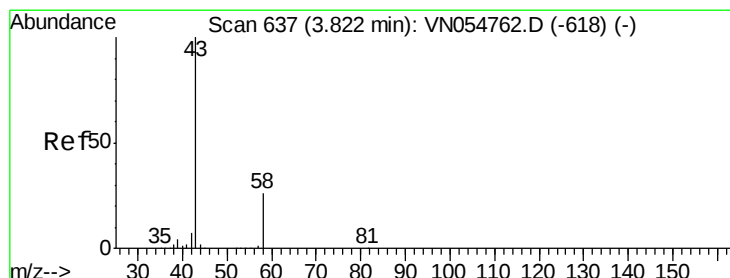
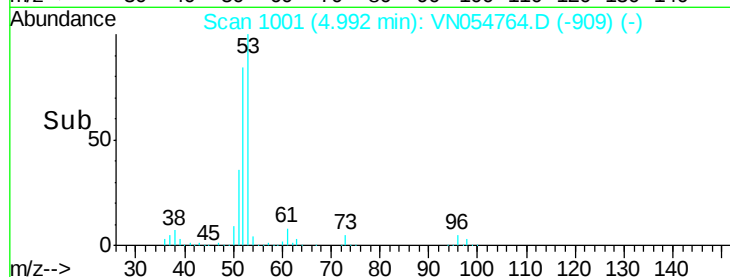
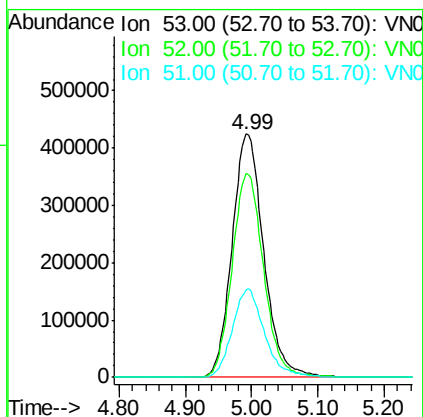
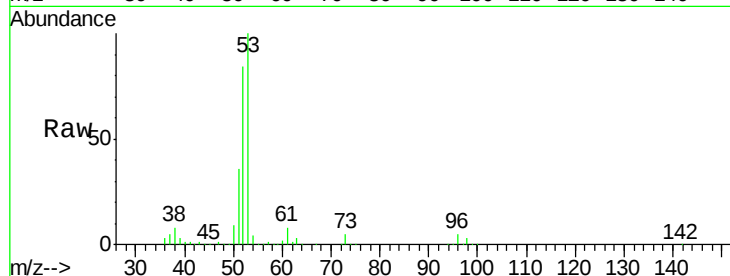


#15
 Acrylonitrile
 Concen: 718.62 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 53 Resp: 1409214

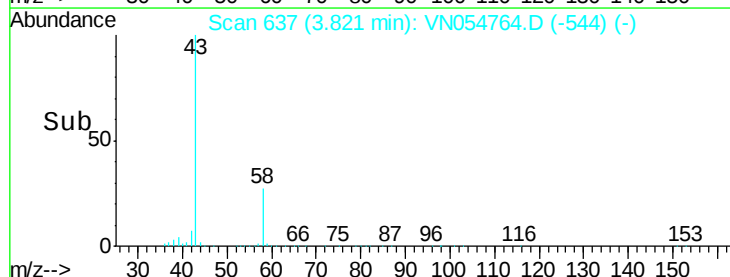
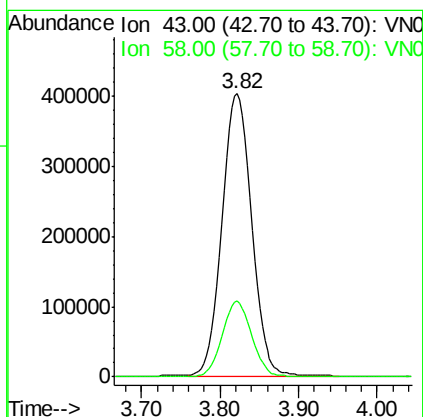
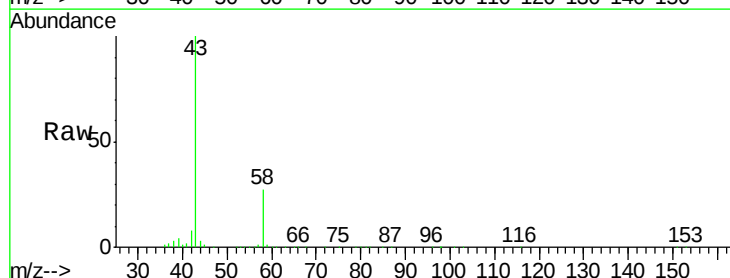
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.4	99.6
51	36.9	29.6	44.4

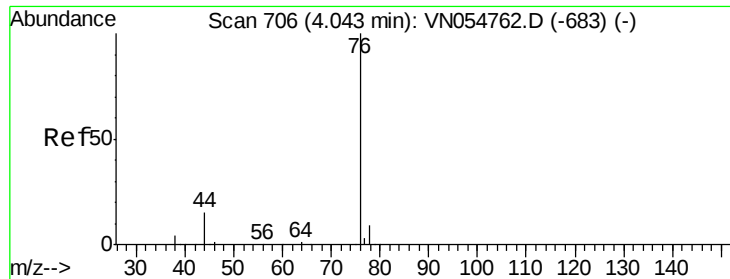


#16
 Acetone
 Concen: 646.48 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 43 Resp: 1043898

Ion	Ratio	Lower	Upper
43	100		
58	26.8	29.9	44.9#

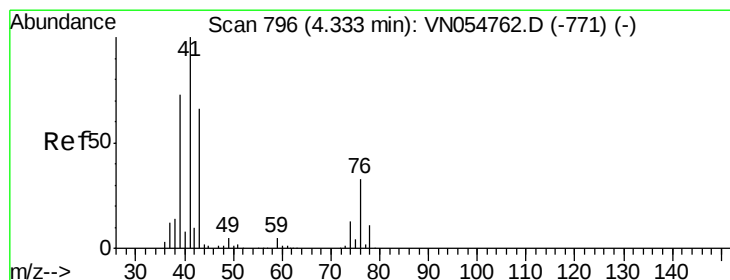
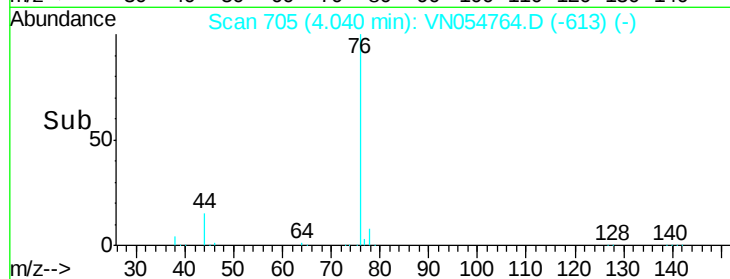
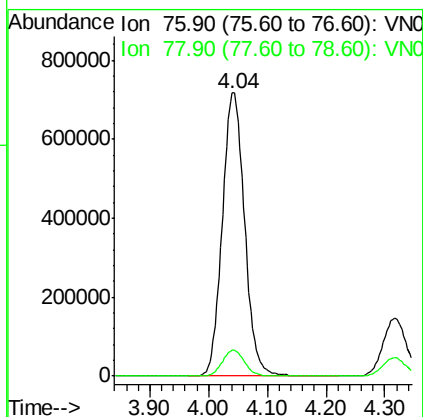
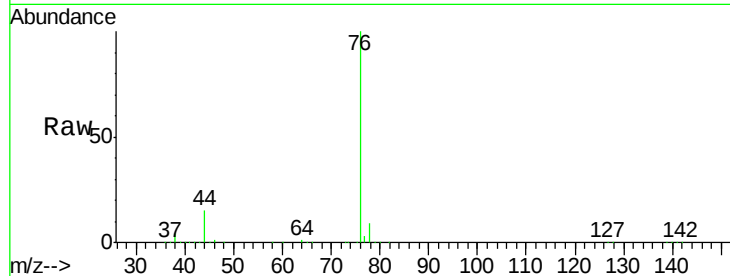




#17
Carbon Disulfide
Concen: 146.92 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

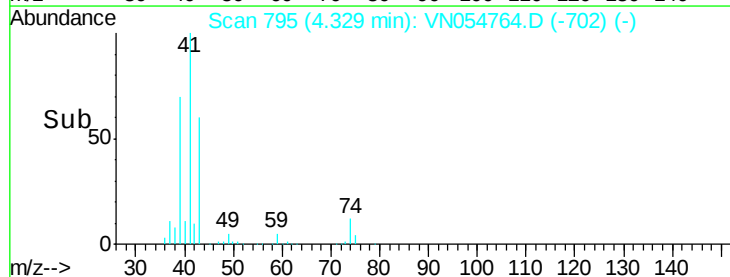
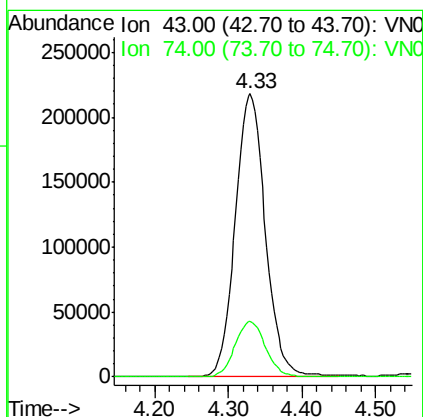
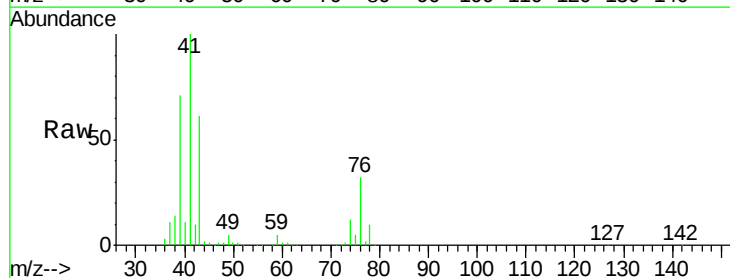
Instrument :
MSVOA_N
ClientSampled :

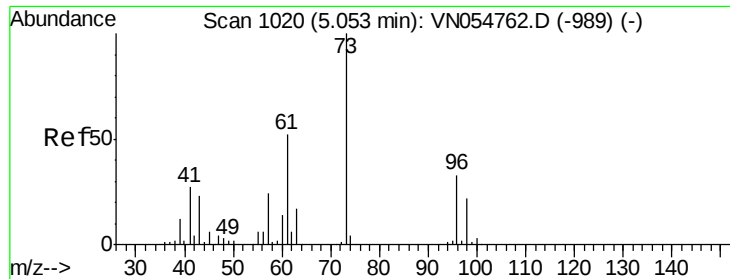
Tot Ion: 76 Resp: 1881585
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 148.61 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 43 Resp: 617403
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#

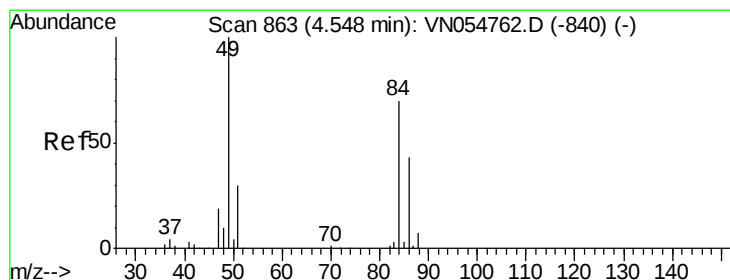
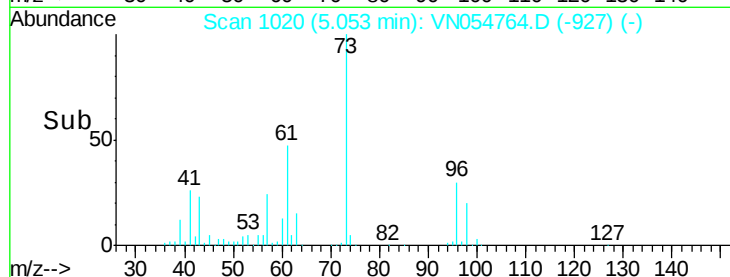
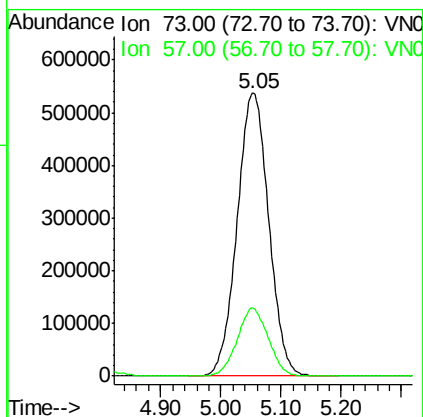
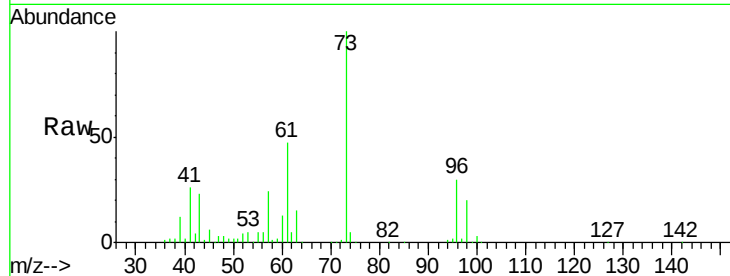




#19
Methvl tert-butvl Ether
Concen: 142.88 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

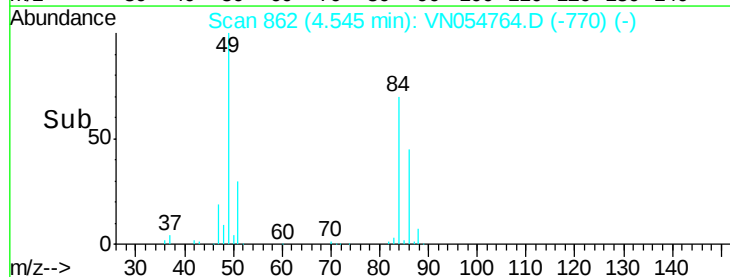
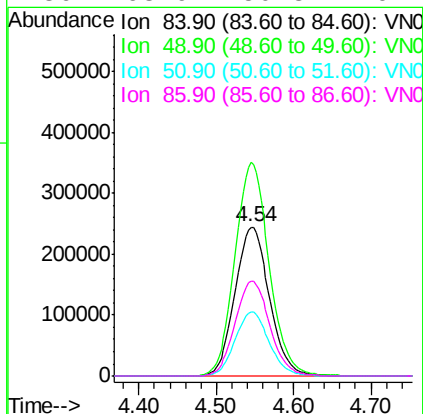
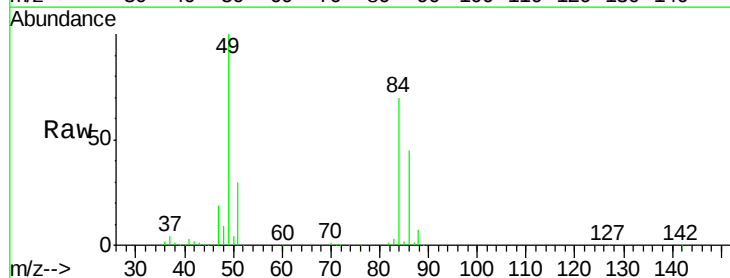
Instrument :
MSVOA_N
ClientSampleId :

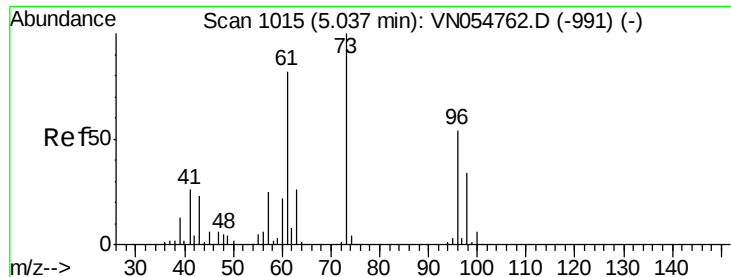
Tot Ion: 73 Resp: 1973444
Ion Ratio Lower Upper
73 100
57 24.1 16.8 25.2



#20
Methylene Chloride
Concen: 132.75 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 84 Resp: 756115
Ion Ratio Lower Upper
84 100
49 143.3 89.7 134.5#
51 43.1 28.2 42.4#
86 63.9 50.8 76.2

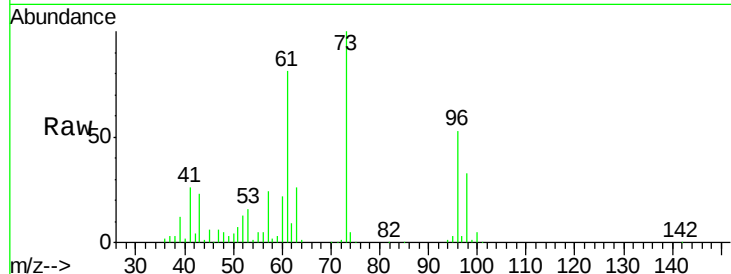




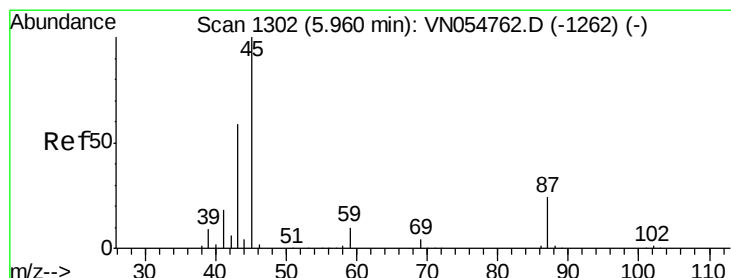
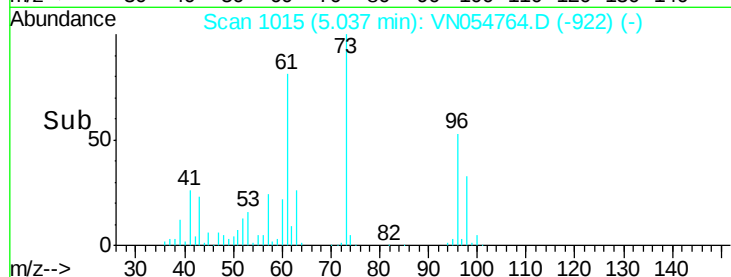
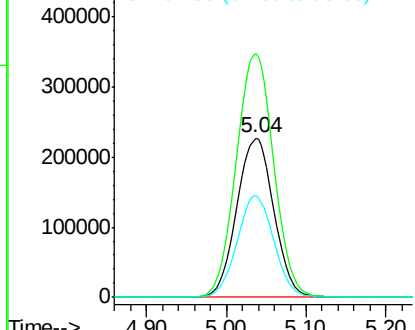
#21
trans-1,2-Dichloroethene
Concen: 137.72 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 714285
Ion Ratio Lower Upper
96 100
61 152.8 102.8 154.2
98 63.4 50.0 75.0

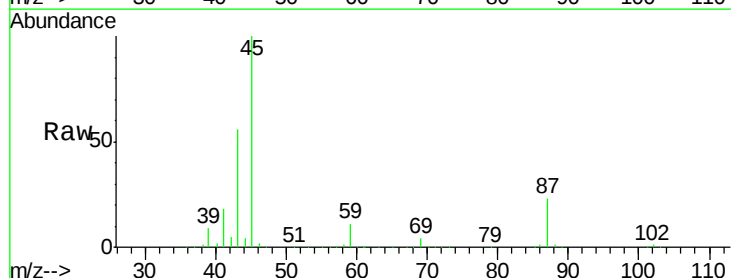


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

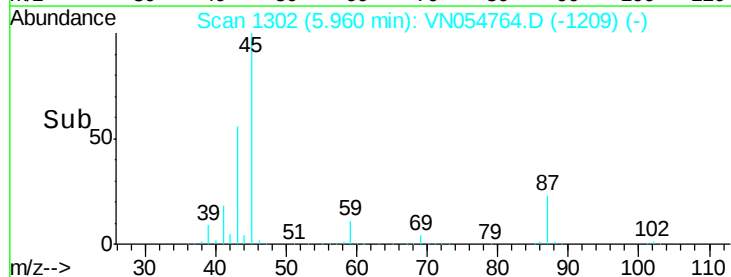
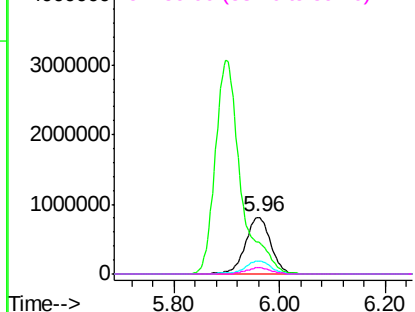


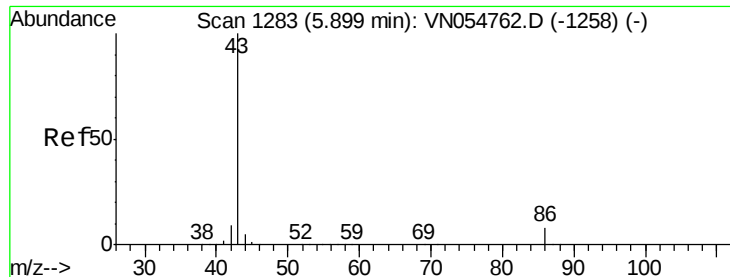
#22
Diisopropyl ether
Concen: 141.70 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 45 Resp: 2725806
Ion Ratio Lower Upper
45 100
43 55.7 48.2 72.2
87 23.3 24.9 37.3#
59 10.7 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 782.55 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

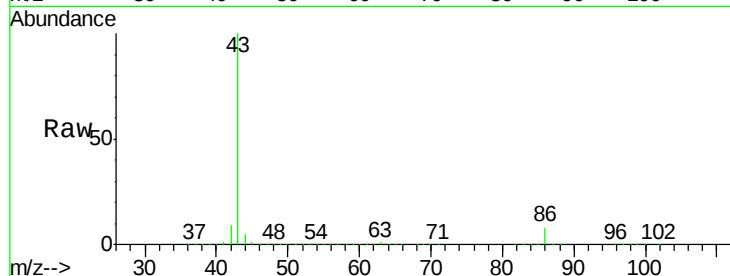
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp:10229060

Ion Ratio Lower Upper

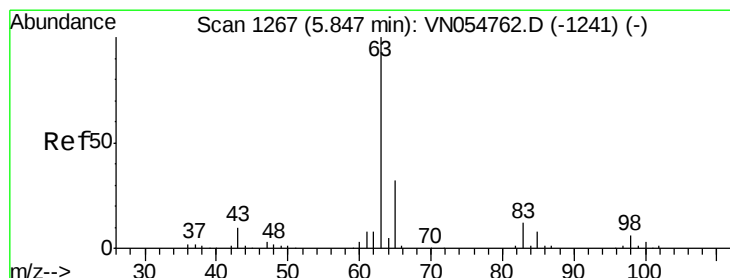
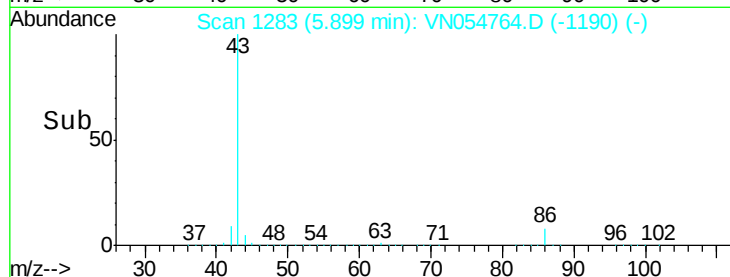
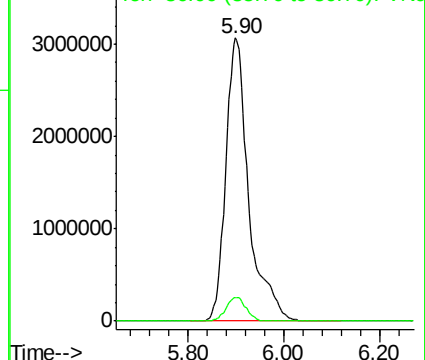
43 100

86 8.3 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 138.92 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

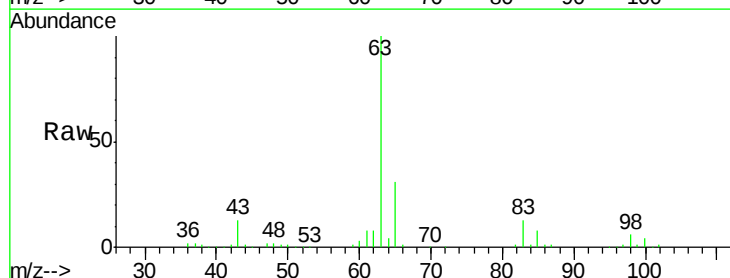
Tgt Ion: 63 Resp: 1425481

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.5

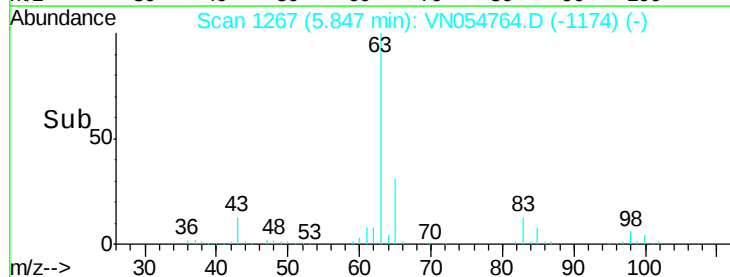
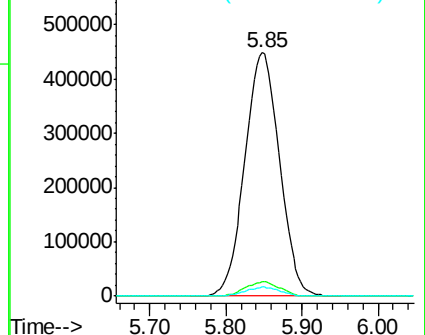
100 3.7 2.0 6.0

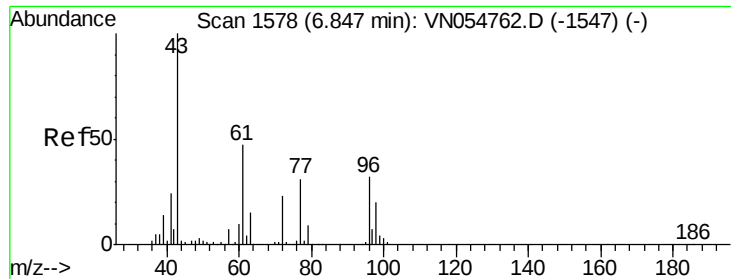


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 750.39 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

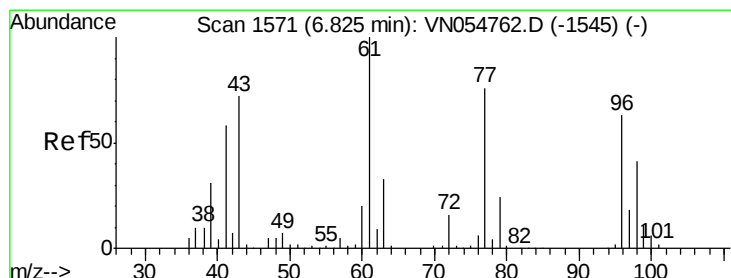
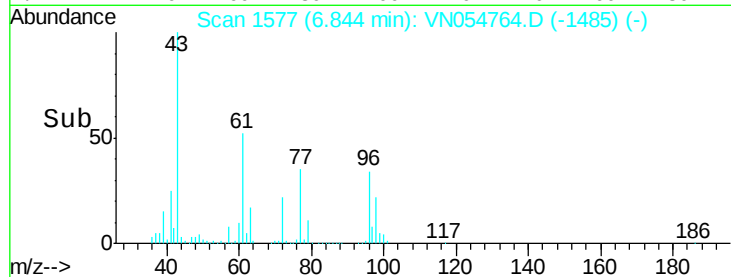
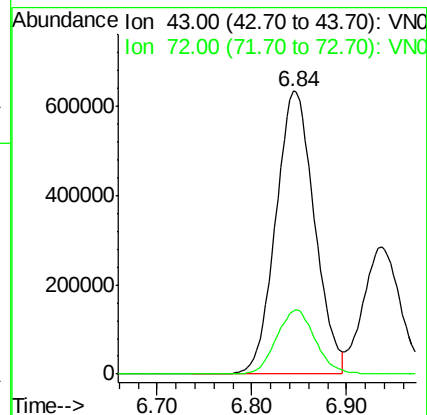
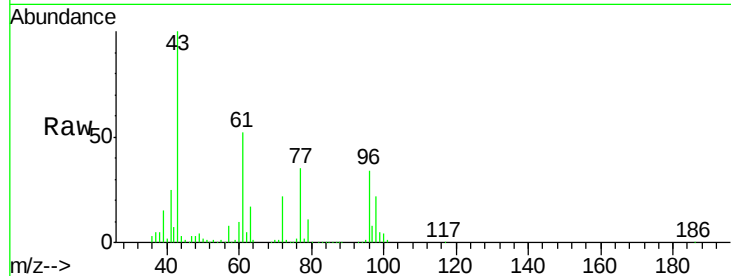
ClientSampleId :

Tot Ion: 43 Resp: 1791113

Ion Ratio Lower Upper

43 100

72 22.5 23.0 34.6#



#26

2,2-Dichloropropane

Concen: 146.35 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054764.D

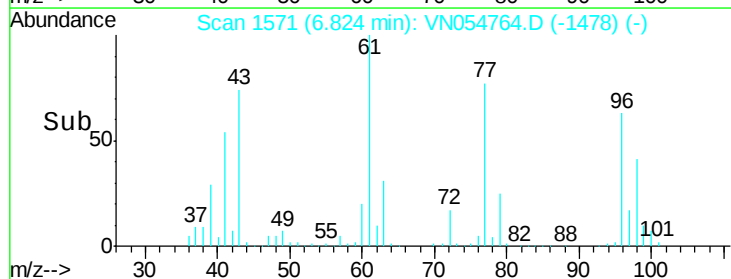
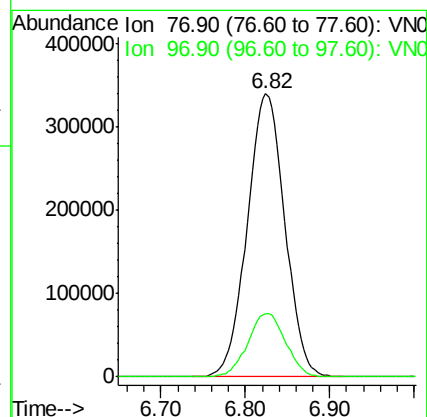
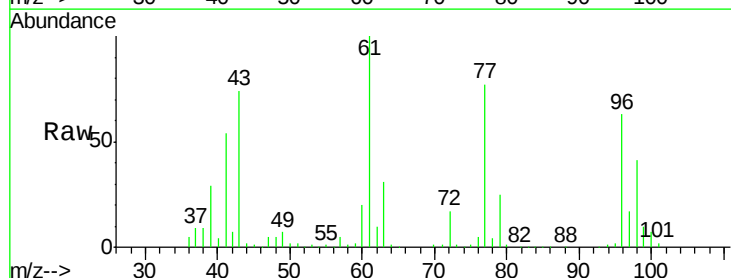
Acq: 29 Mar 2019 12:12

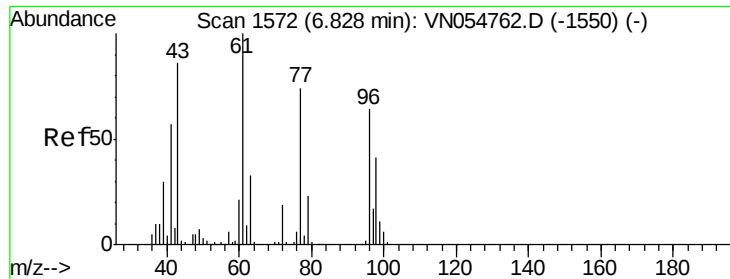
Tgt Ion: 77 Resp: 1052571

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 140.38 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampled :

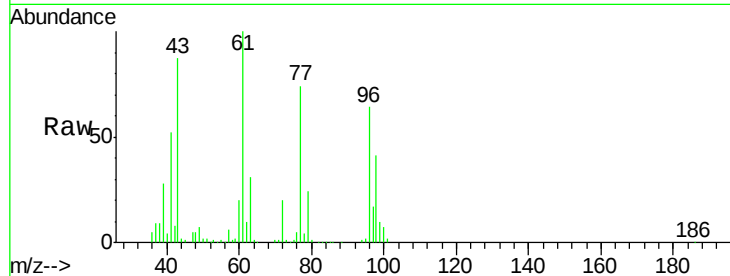
Tot Ion: 96 Resp: 822490

Ion Ratio Lower Upper

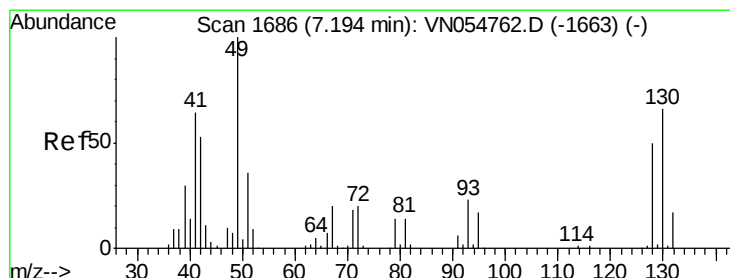
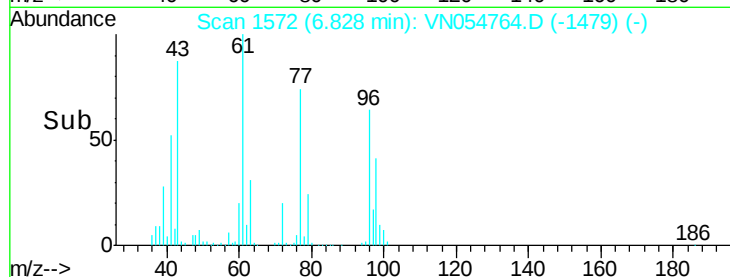
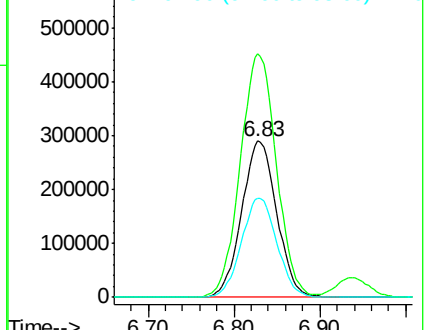
96 100

61 159.9 0.0 273.0

98 64.4 0.0 130.6



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



#28

Bromochloromethane

Concen: 140.27 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

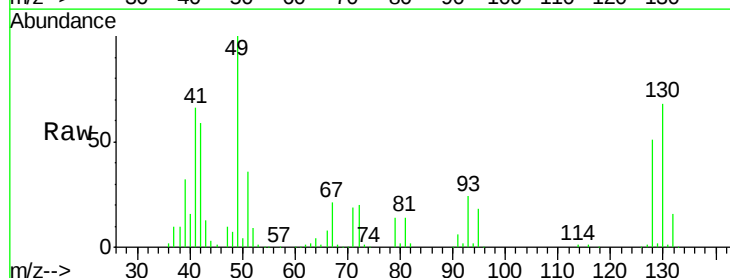
Tgt Ion: 49 Resp: 719740

Ion Ratio Lower Upper

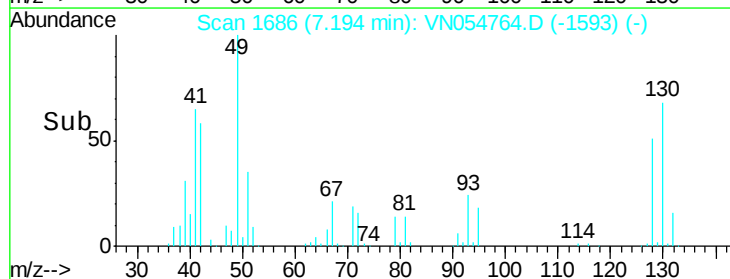
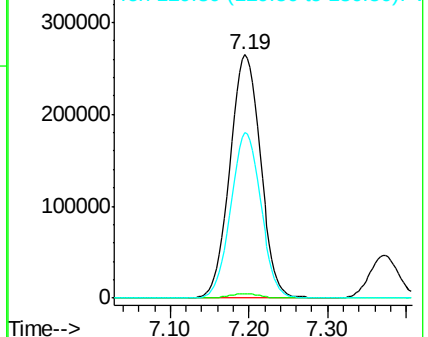
49 100

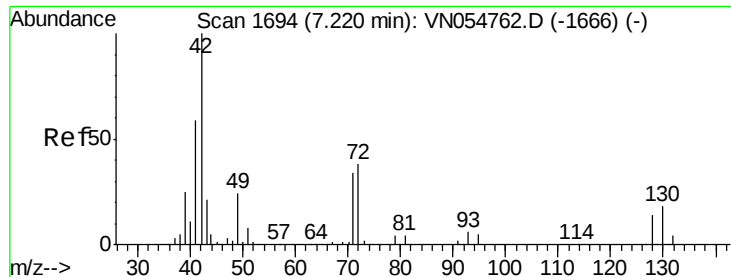
129 1.9 0.0 4.6

130 66.9 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

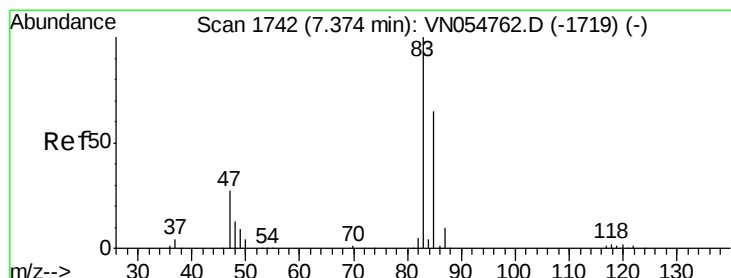
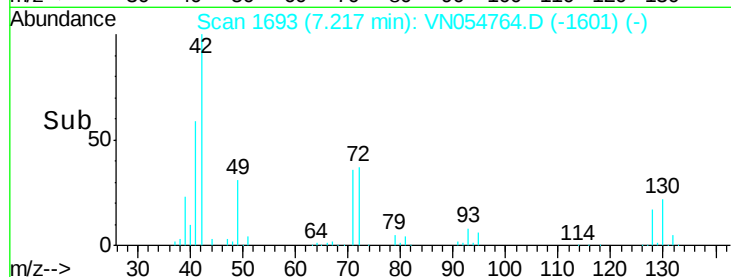
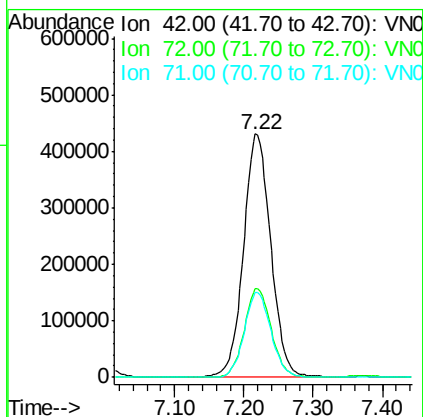
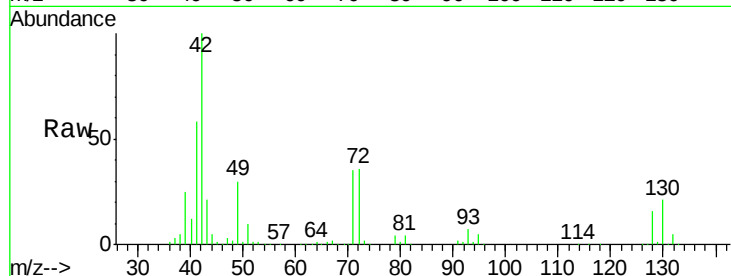




#29
Tetrahydrofuran
Concen: 708.62 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

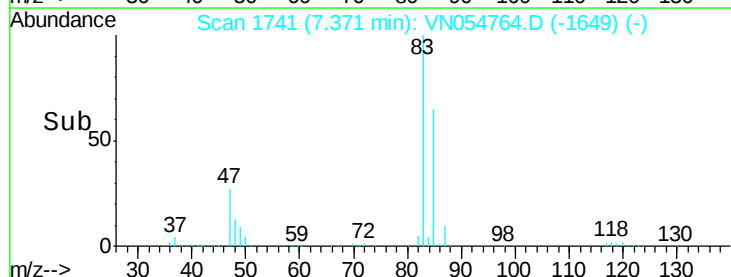
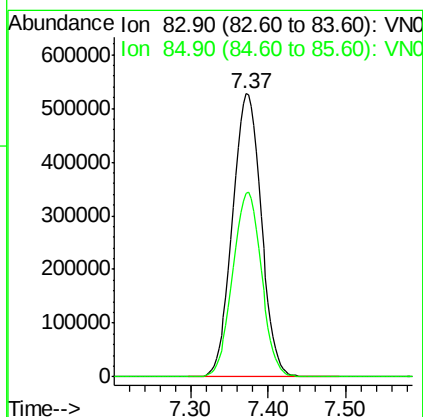
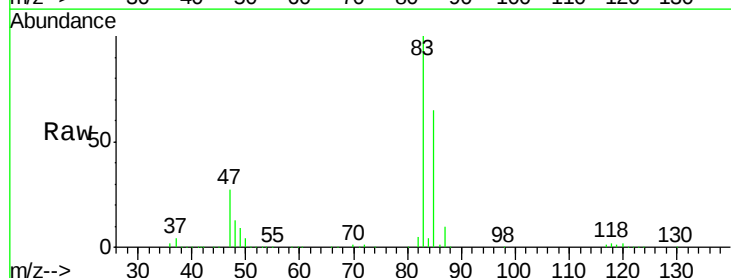
Instrument :
MSVOA_N
ClientSampled :

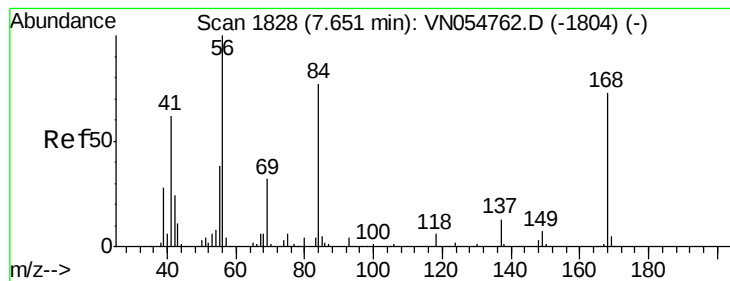
Tot Ion: 42 Resp: 1176337
Ion Ratio Lower Upper
42 100
72 35.9 37.8 56.6#
71 34.1 36.2 54.2#



#30
Chloroform
Concen: 138.83 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 83 Resp: 1358349
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4





#31

Cyclohexane

Concen: 149.22 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

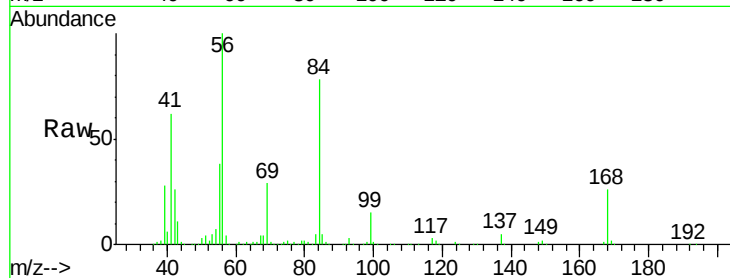
Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 1356931

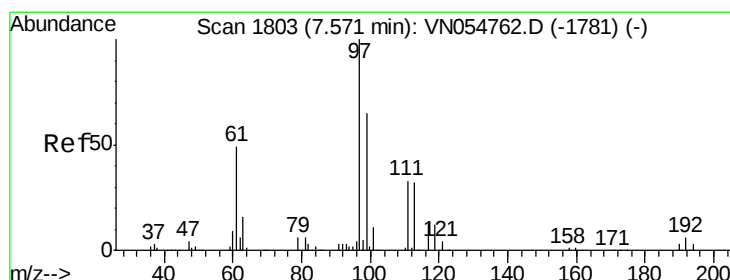
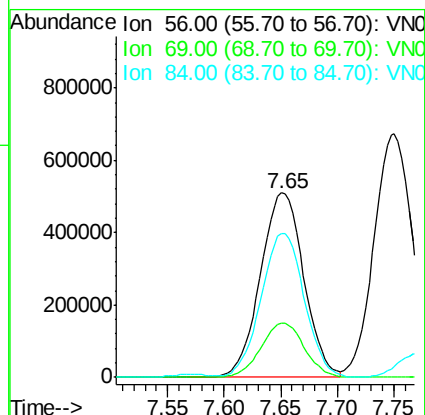
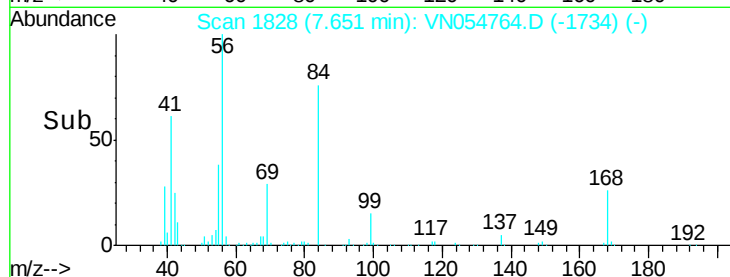
Ion	Ratio	Lower	Upper
56	100		
69	29.2	27.8	41.6
84	76.7	74.6	111.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 143.85 ug/l

RT: 7.57 min Scan# 1803

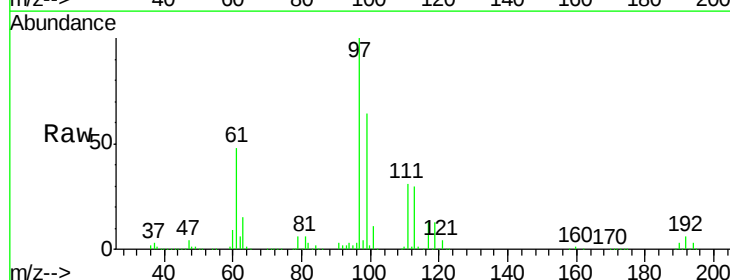
Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion: 97 Resp: 1166453

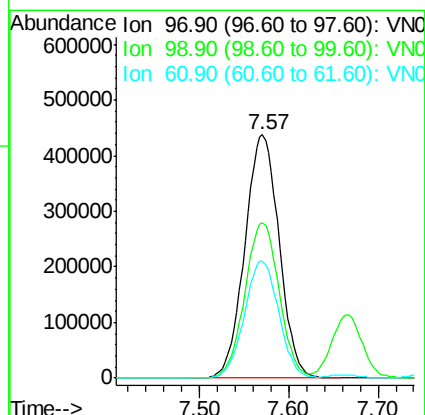
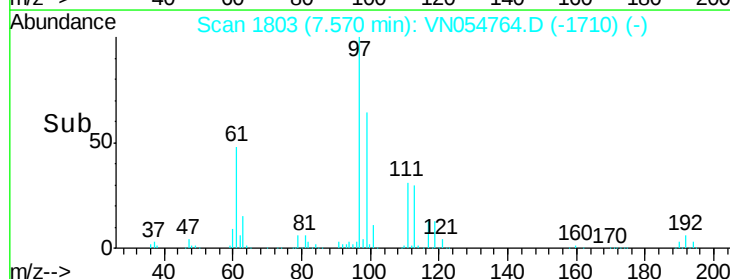
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	48.1	33.6	50.4

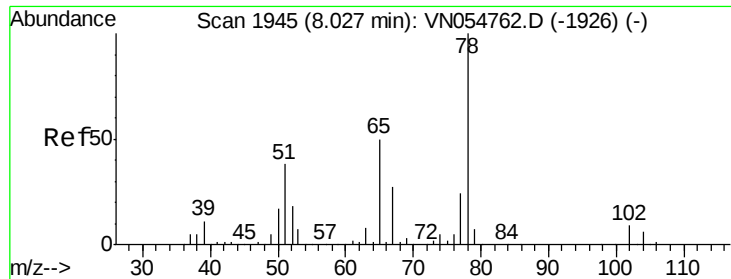


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

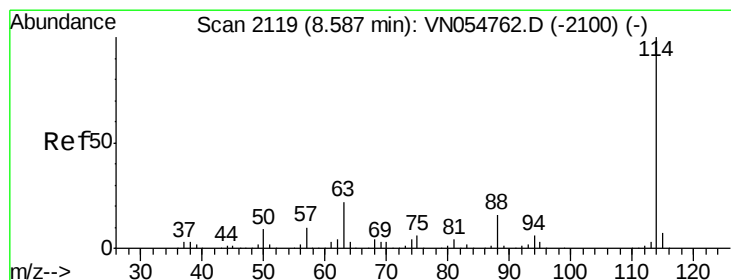
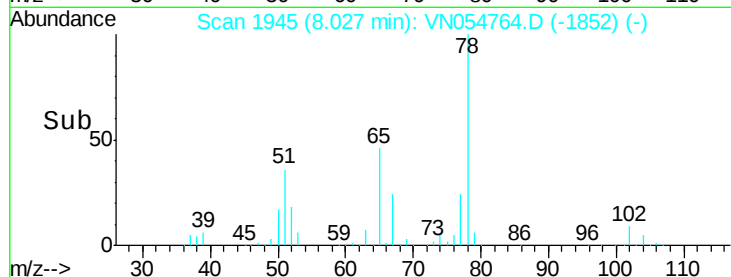
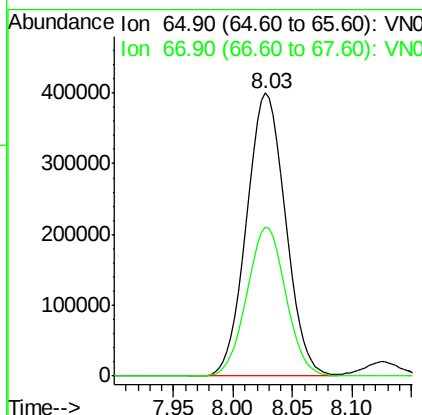
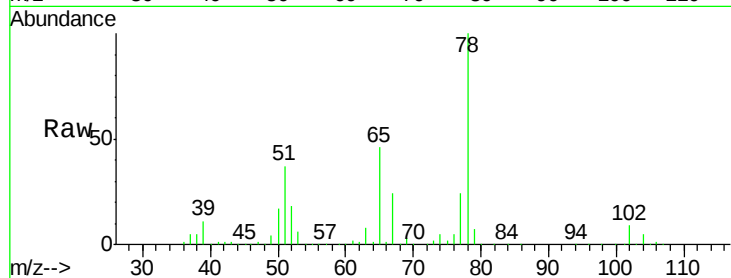




#33
 1,2-Dichloroethane-d4
 Concen: 134.53 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

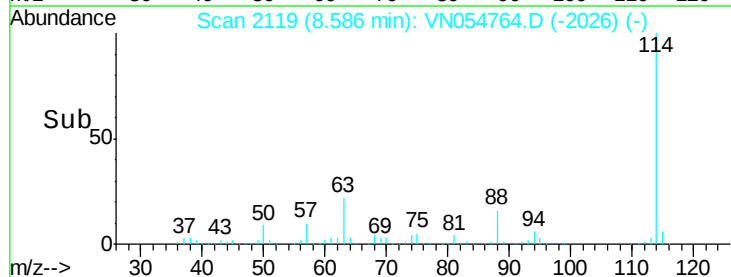
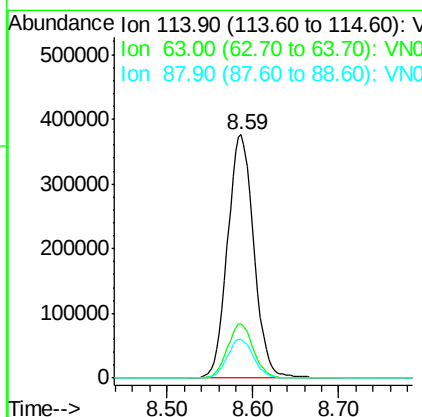
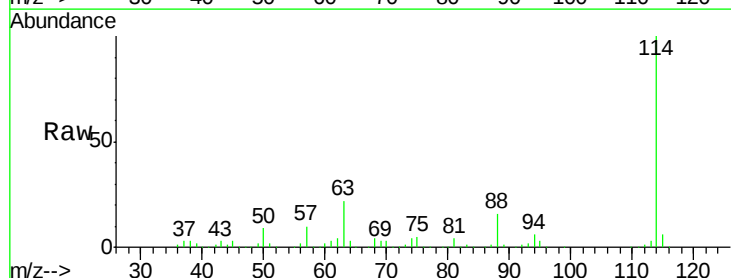
Instrument :
 MSVOA_N
 ClientSampled :

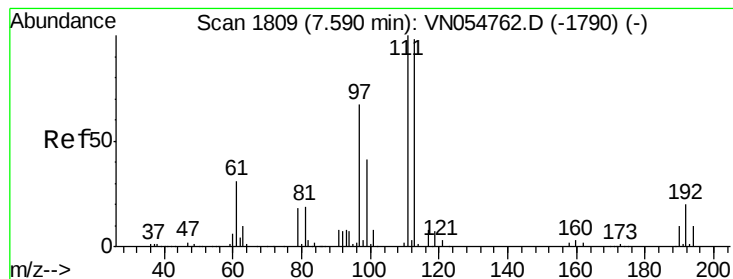
Tot Ion: 65 Resp: 910942
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 114 Resp: 798636
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 138.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

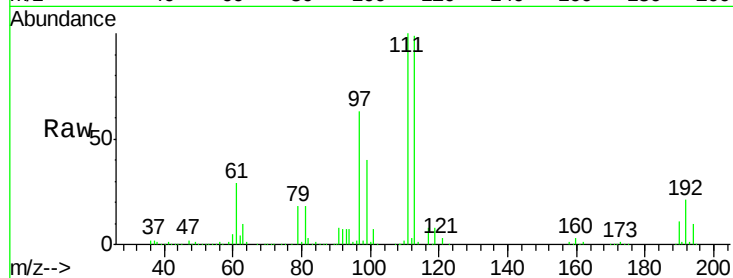
Tot Ion:113 Resp: 734784

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

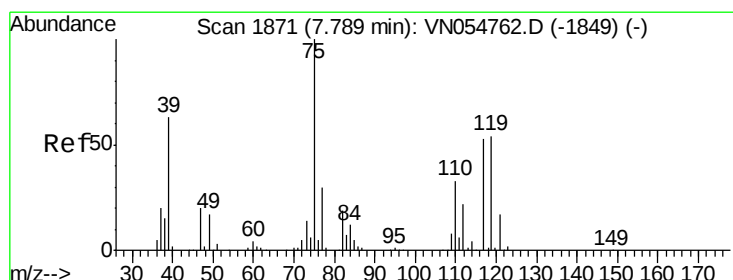
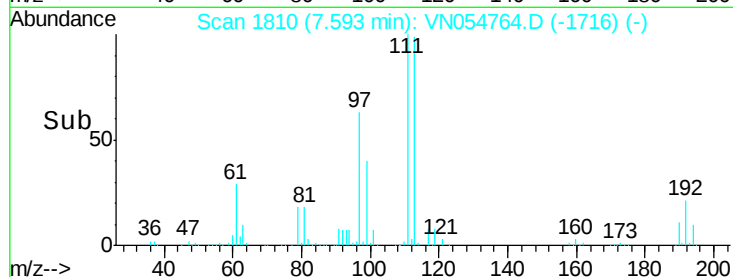
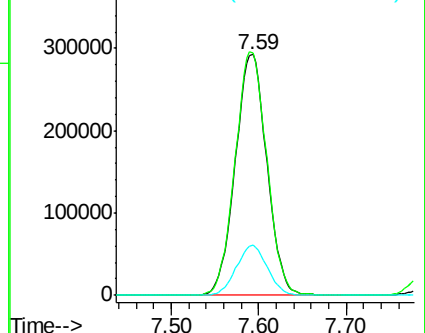
192 20.5 19.2 28.8



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: 148.41 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

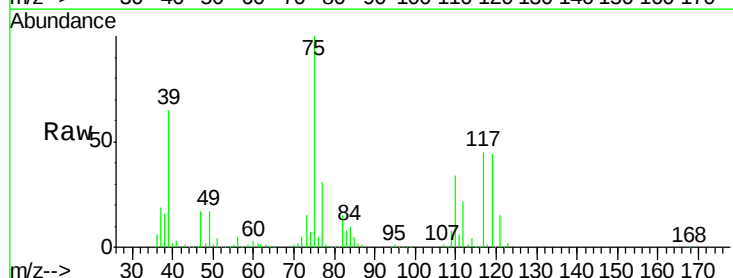
Tgt Ion: 75 Resp: 1081919

Ion Ratio Lower Upper

75 100

110 33.6 19.1 57.5

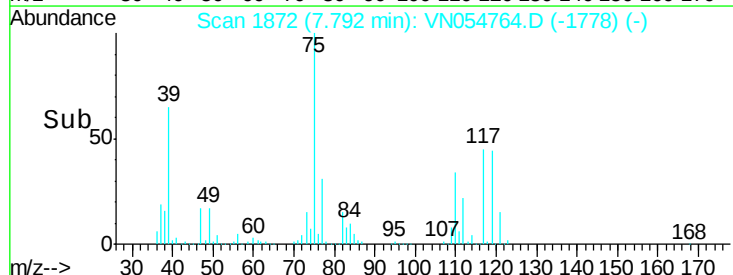
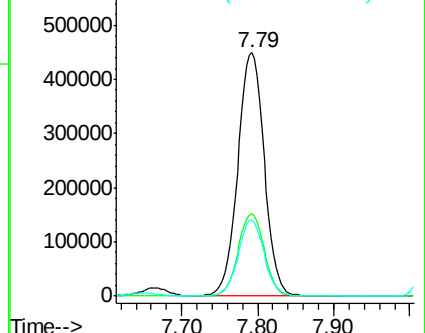
77 30.9 25.0 37.4

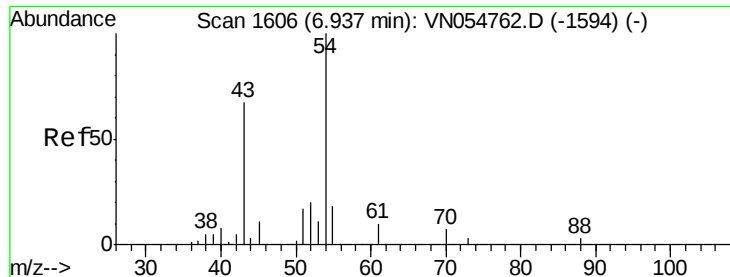


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

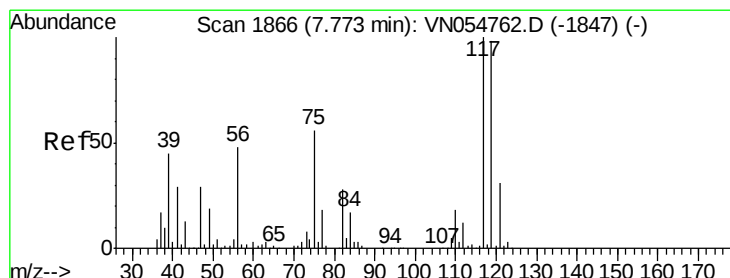
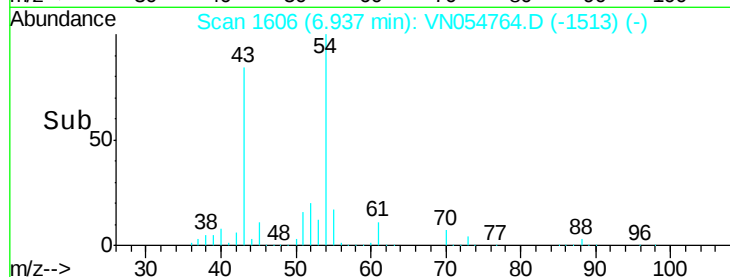
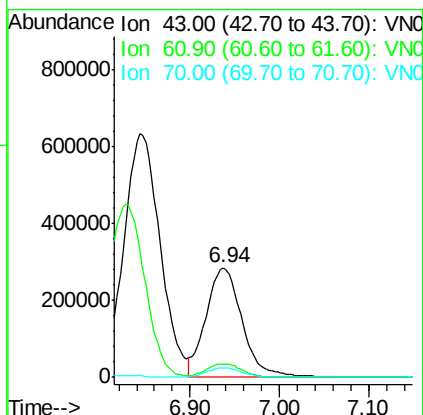
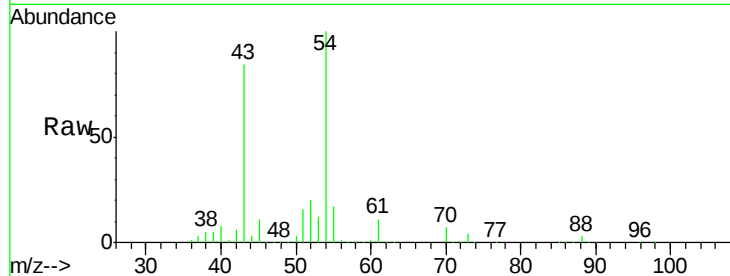




#37
Ethyl Acetate
Concen: 147.33 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

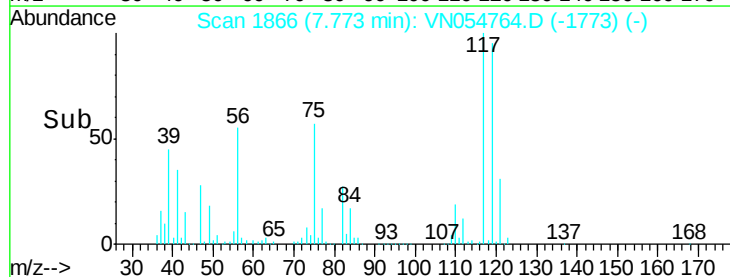
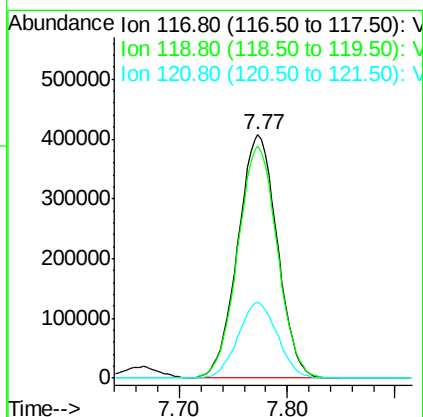
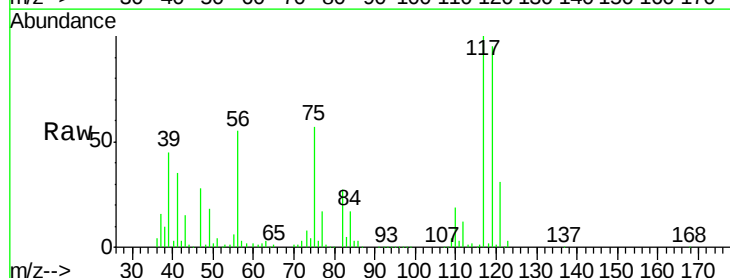
Instrument :
MSVOA_N
ClientSampled :

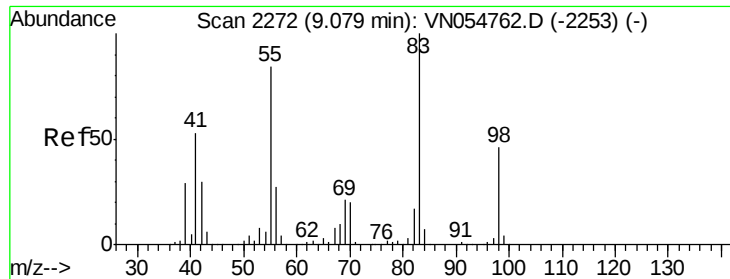
Tot Ion: 43 Resp: 788997
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 8.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 142.61 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 117 Resp: 1030799
Ion Ratio Lower Upper
117 100
119 95.1 76.3 114.5
121 31.2 24.6 36.8

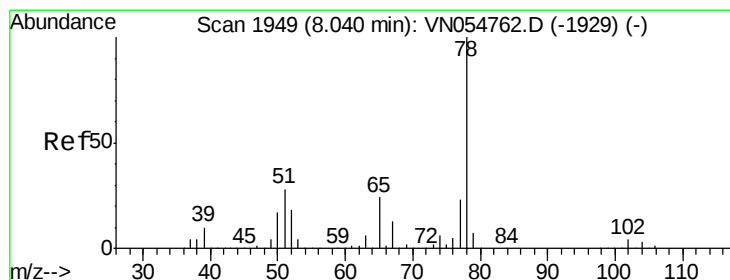
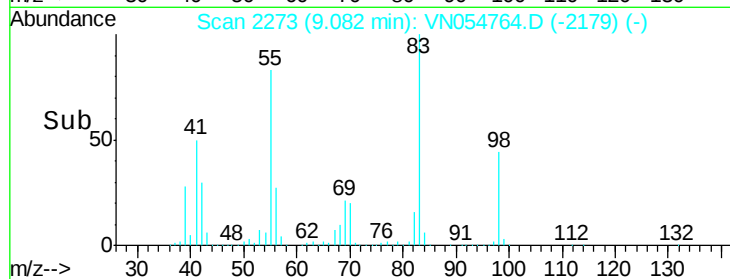
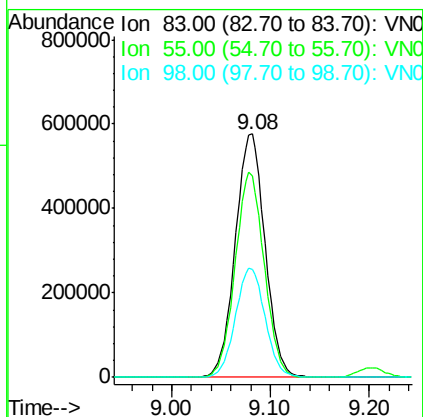
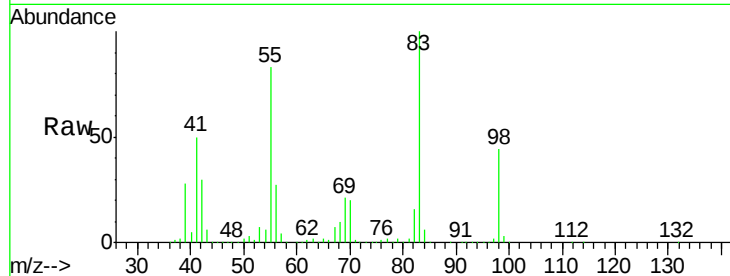




#39
Methvlcvclohexane
Concen: 147.41 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

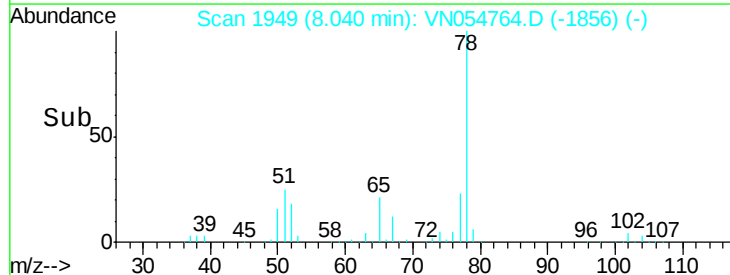
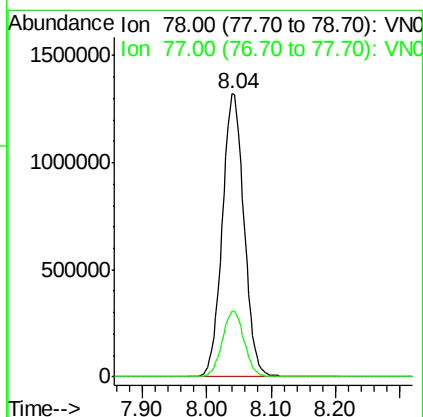
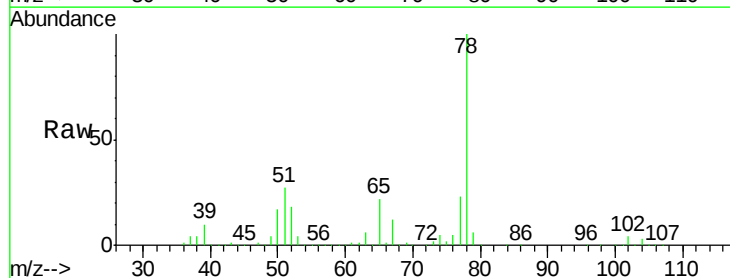
Instrument :
MSVOA_N
ClientSampled :

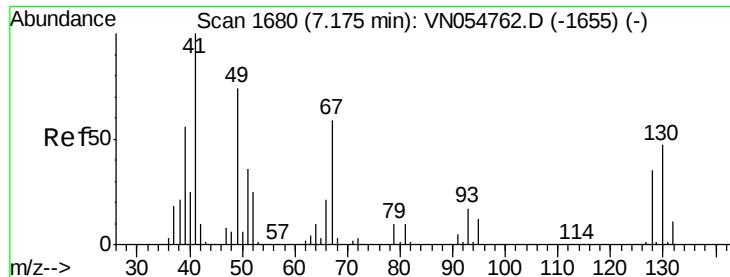
Tot Ion: 83 Resp: 1206007
Ion Ratio Lower Upper
83 100
55 82.6 56.6 84.8
98 44.4 38.4 57.6



#40
Benzene
Concen: 145.80 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 78 Resp: 3104665
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7

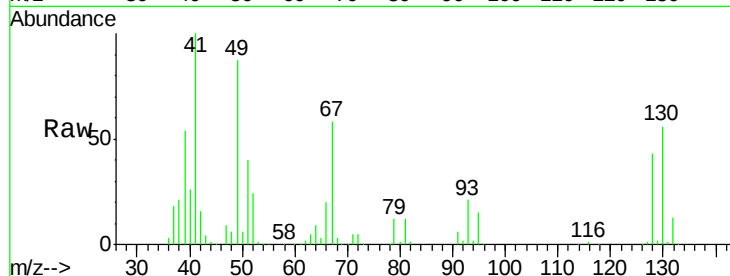




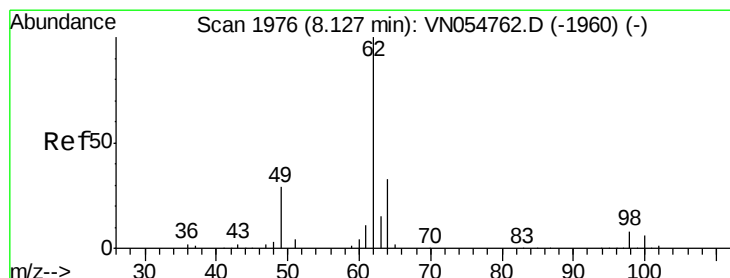
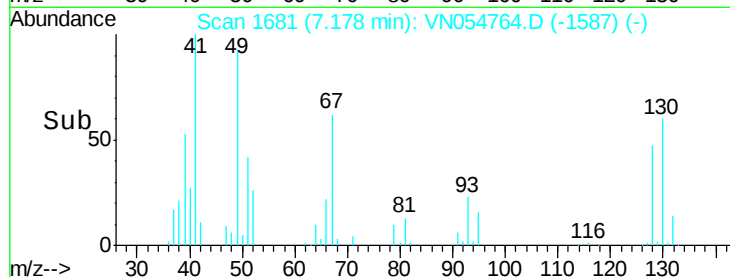
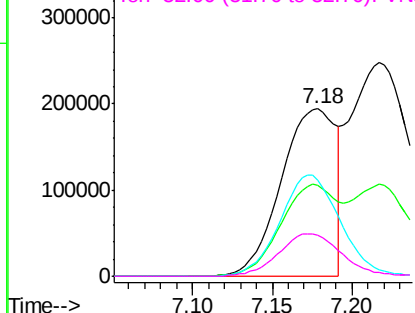
#41
Methacrylonitrile
Concen: 150.87 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 462520
Ion Ratio Lower Upper
41 100
39 57.3 46.8 70.2
67 66.8 67.0 100.4#
52 29.0 26.5 39.7

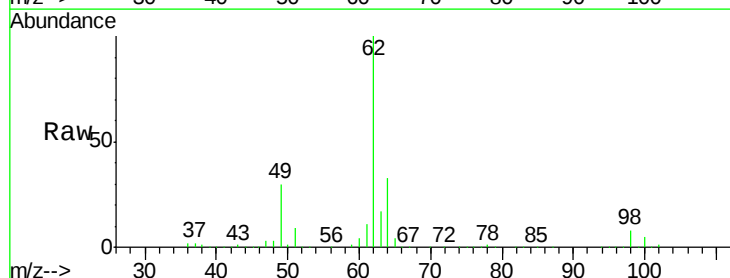


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

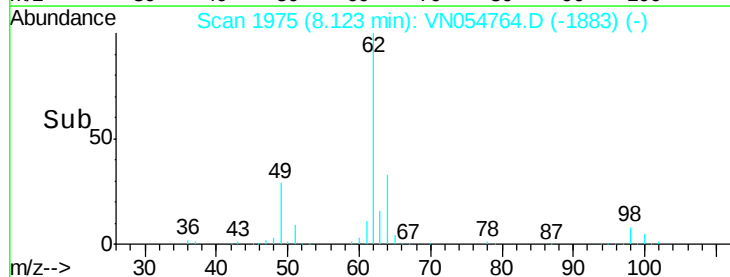
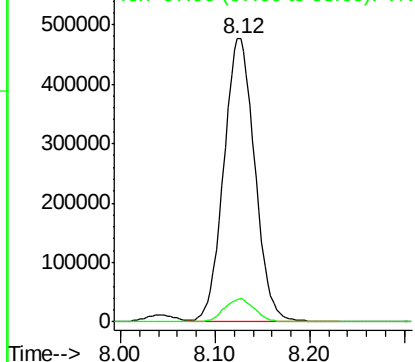


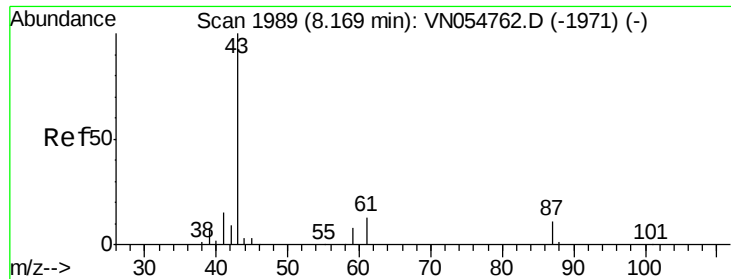
#42
1,2-Dichloroethane
Concen: 142.41 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 62 Resp: 1082728
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 160.22 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

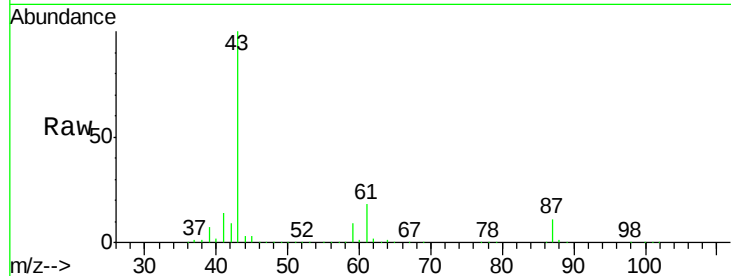
Tot Ion: 43 Resp: 1420660

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.8

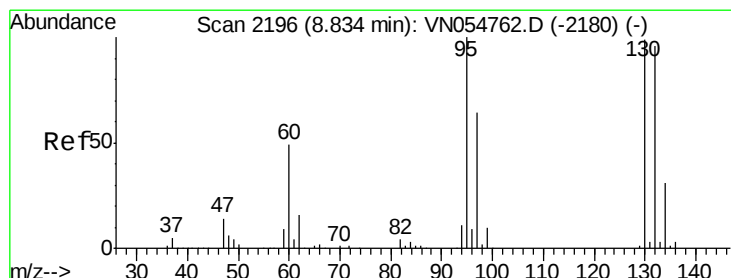
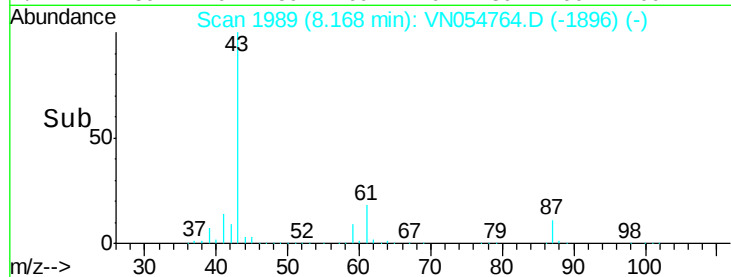
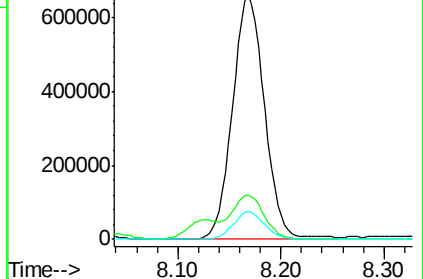
87 11.1 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054764.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054764.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054764.D (-1971) (-)



#44

Trichloroethene

Concen: 144.54 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054764.D

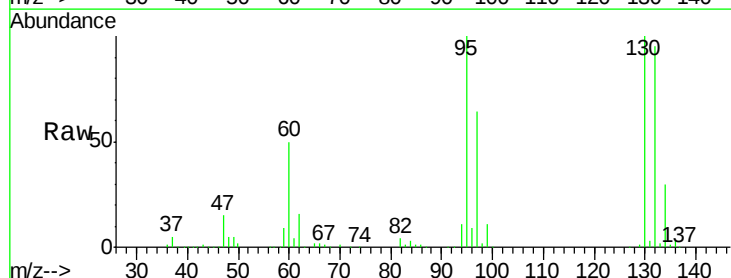
Acq: 29 Mar 2019 12:12

Tgt Ion:130 Resp: 798928

Ion Ratio Lower Upper

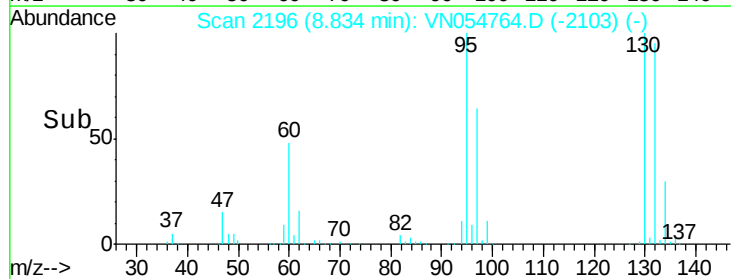
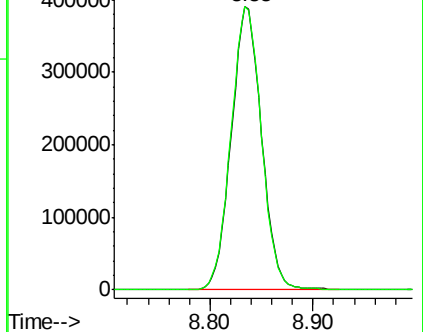
130 100

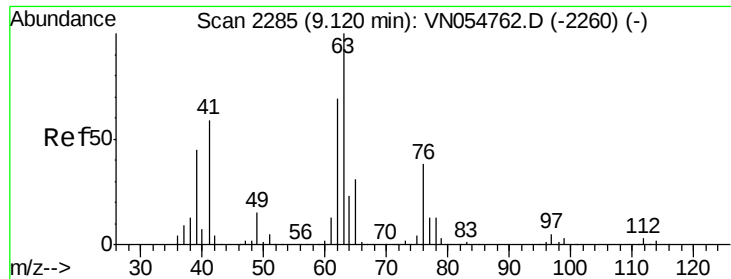
95 99.9 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054764.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN054764.D (-2180) (-)

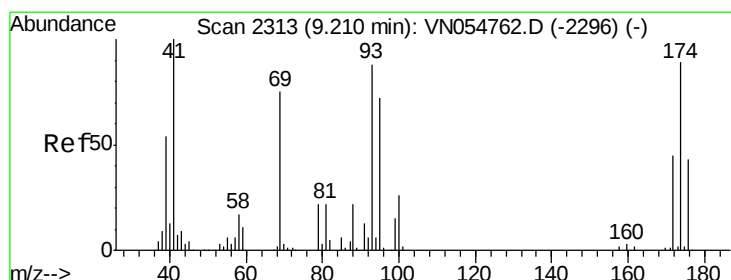
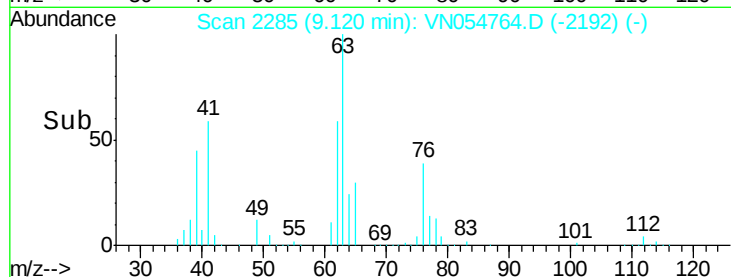
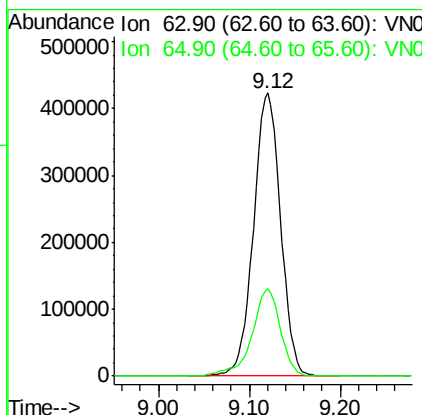
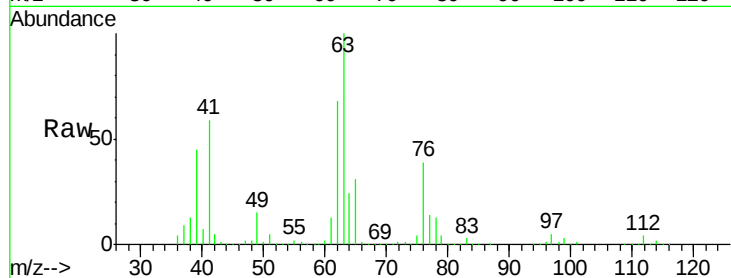




#45
 1,2-Dichloropropane
 Concen: 143.82 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

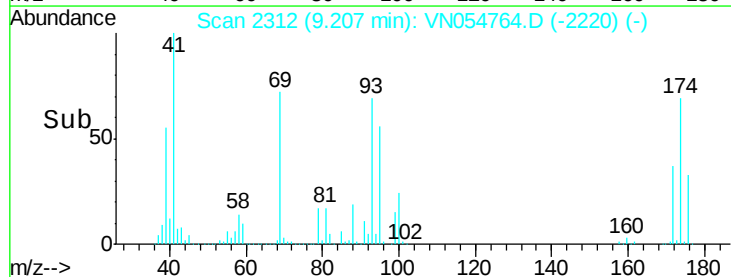
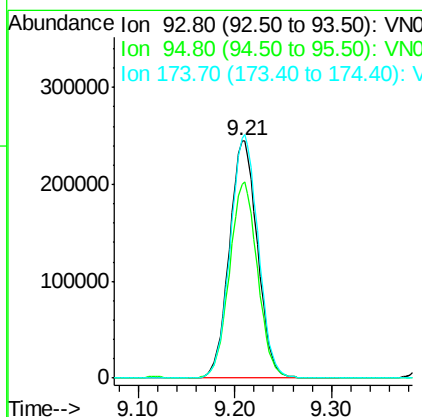
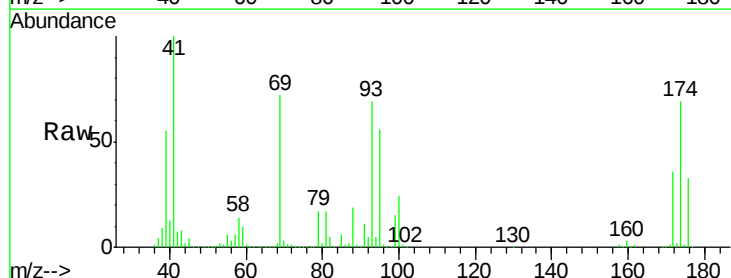
Instrument :
 MSVOA_N
 ClientSampleId :

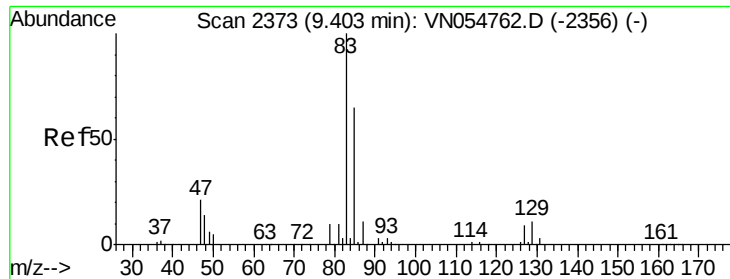
Tot Ion: 63 Resp: 873248
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 144.98 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 93 Resp: 495193
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.7 100.1
 174 102.0 98.5 147.7





#47

Bromodichloromethane

Concen: 152.99 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

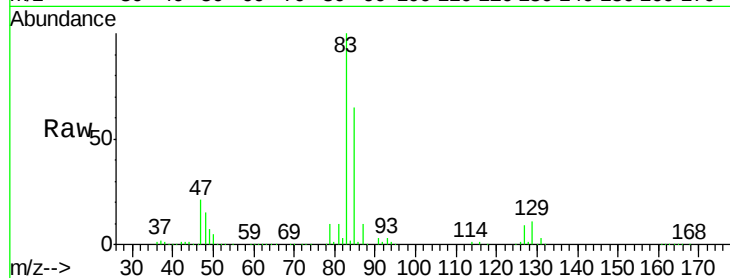
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 83 Resp: 1086017

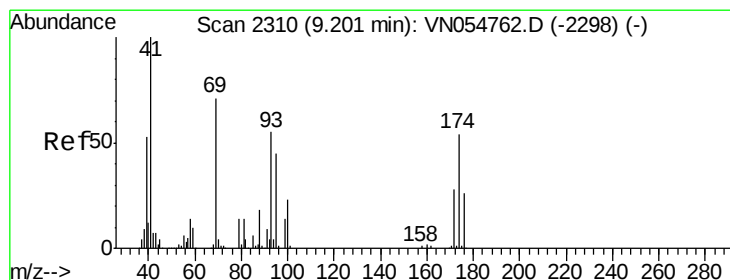
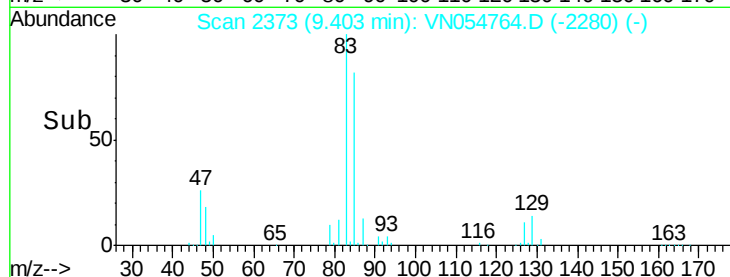
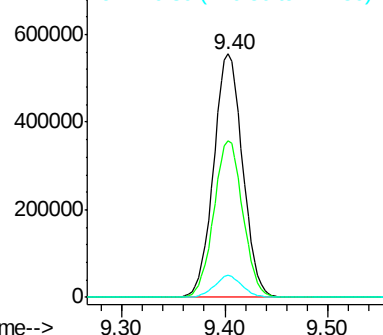
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.8	79.2
127	8.9	7.4	11.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 153.33 ug/l

RT: 9.20 min Scan# 2310

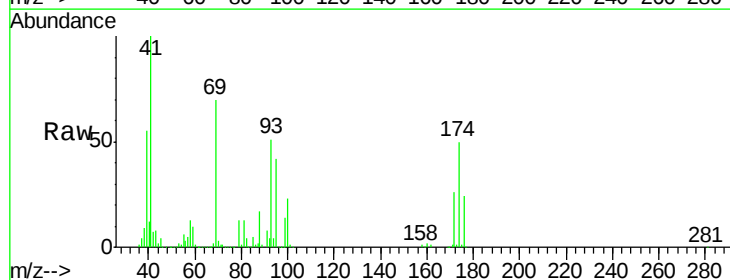
Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion: 41 Resp: 737024

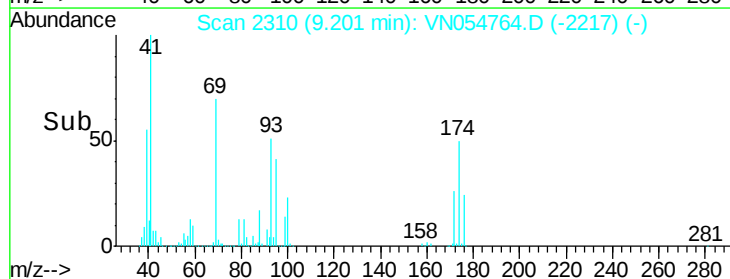
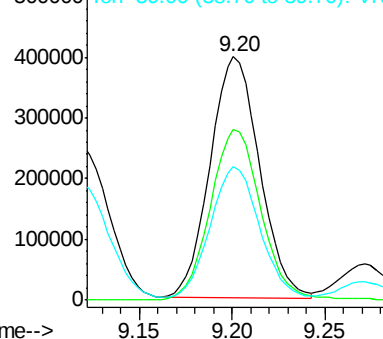
Ion	Ratio	Lower	Upper
41	100		
69	73.1	72.6	108.8
39	56.0	47.5	71.3

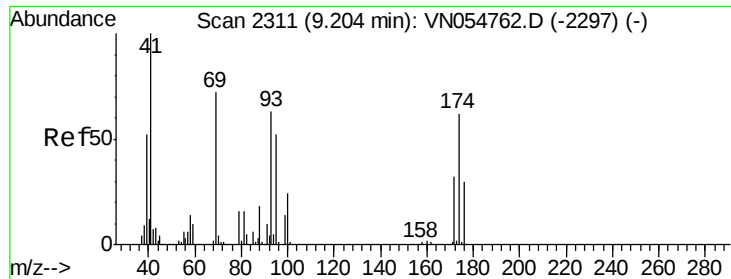


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

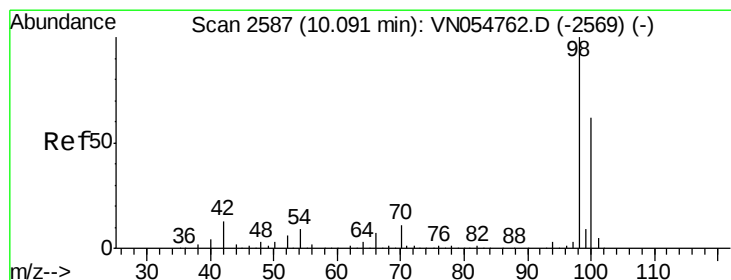
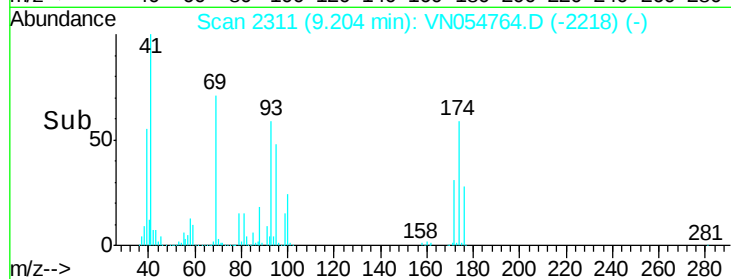
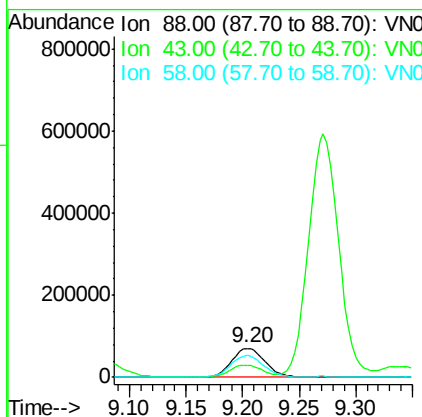
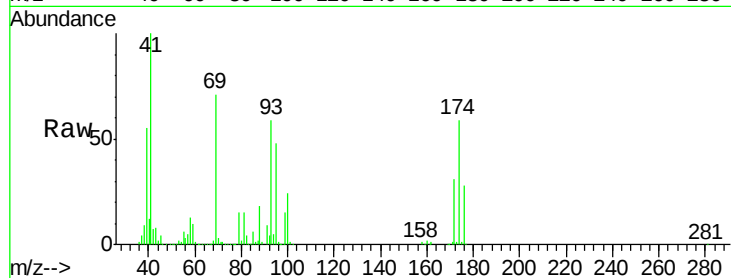




#49
 1,4-Dioxane
 Concen: 3054.95 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

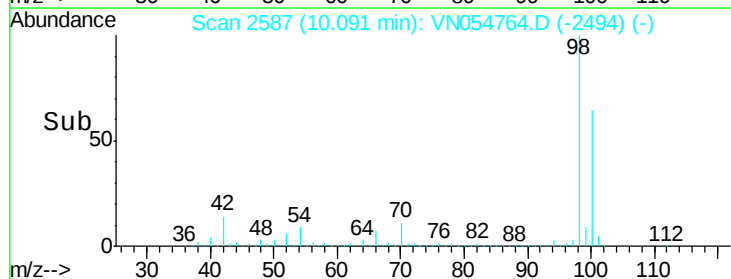
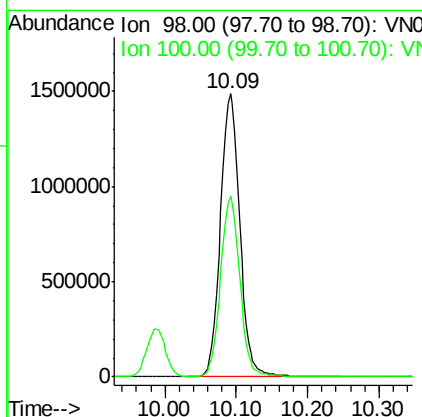
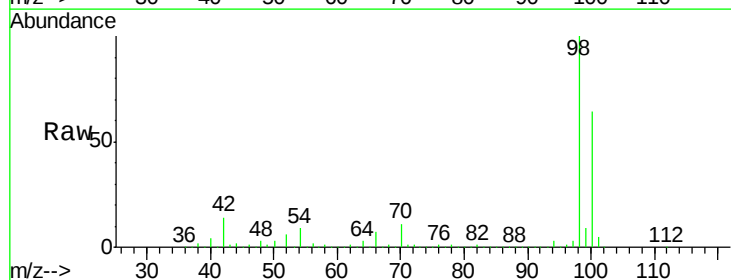
Instrument :
 MSVOA_N
 ClientSampleId :

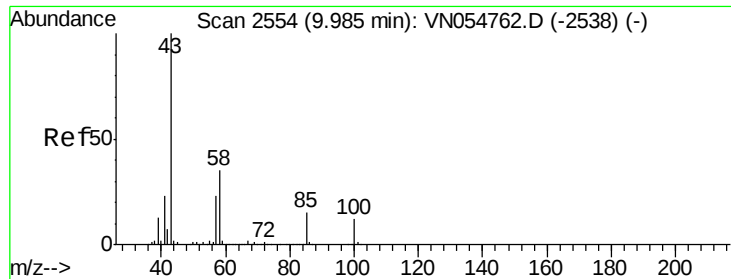
Tot Ion: 88 Resp: 145700
 Ion Ratio Lower Upper
 88 100
 43 39.6 24.1 36.1#
 58 74.6 50.8 76.2



#50
 Toluene-d8
 Concen: 141.64 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 98 Resp: 2803712
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 775.24 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

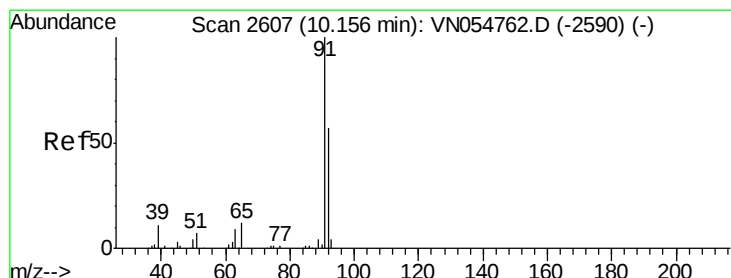
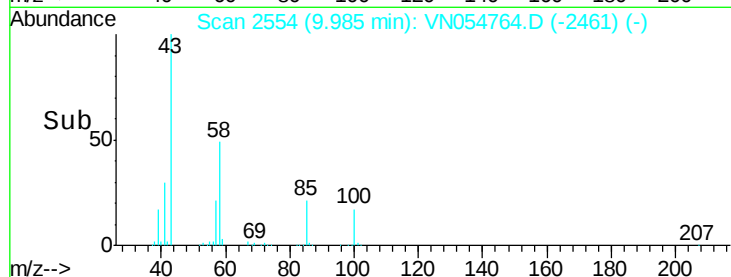
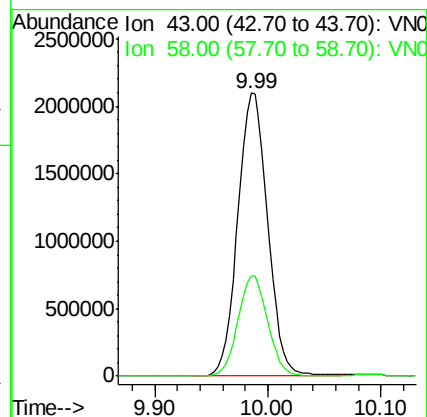
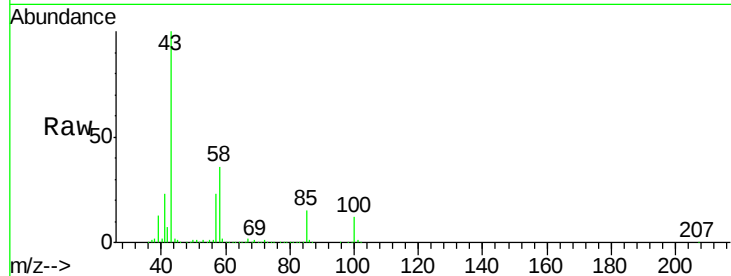
ClientSampled :

Tot Ion: 43 Resp: 3864878

Ion Ratio Lower Upper

43 100

58 35.4 31.8 47.6



#52

Toluene

Concen: 148.27 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054764.D

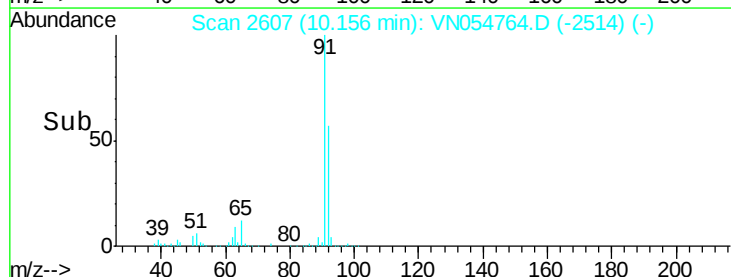
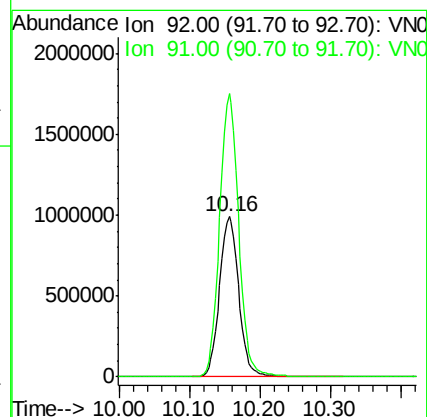
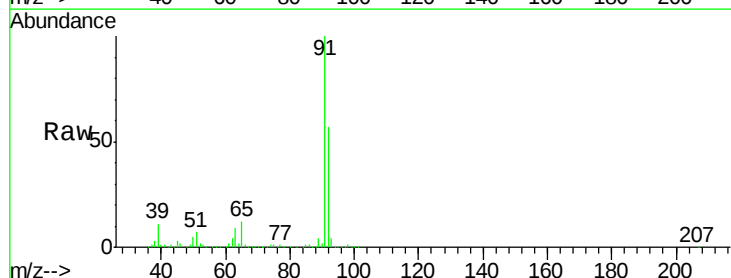
Acq: 29 Mar 2019 12:12

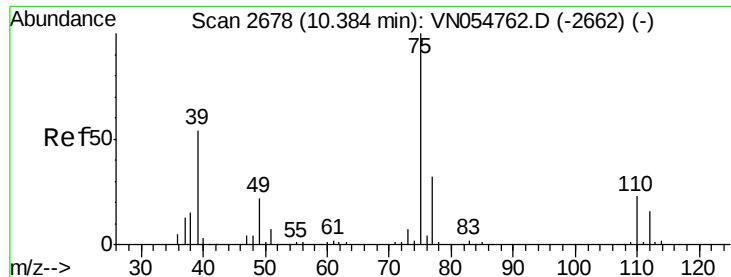
Tgt Ion: 92 Resp: 1878670

Ion Ratio Lower Upper

92 100

91 175.4 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 172.02 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

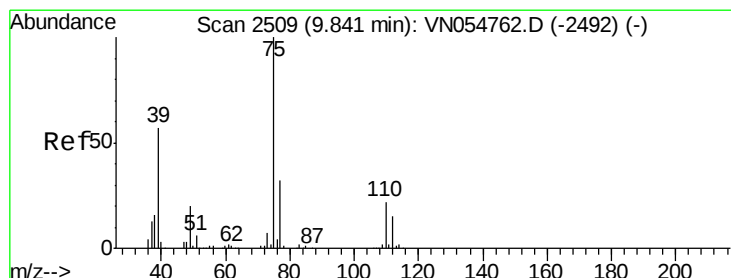
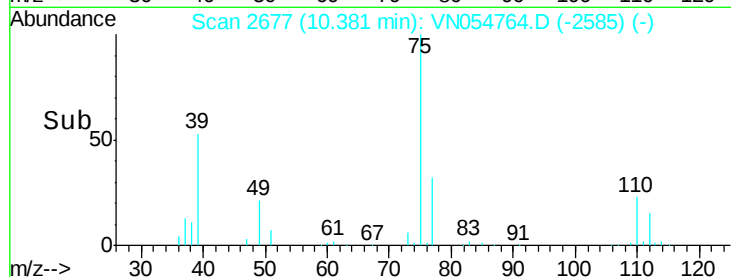
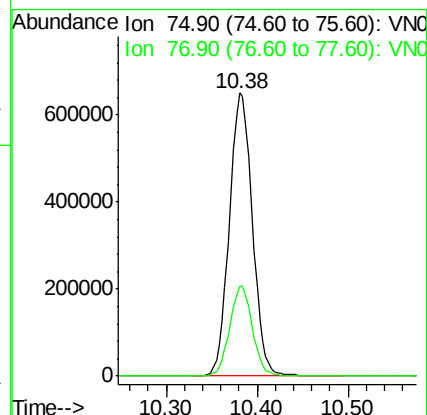
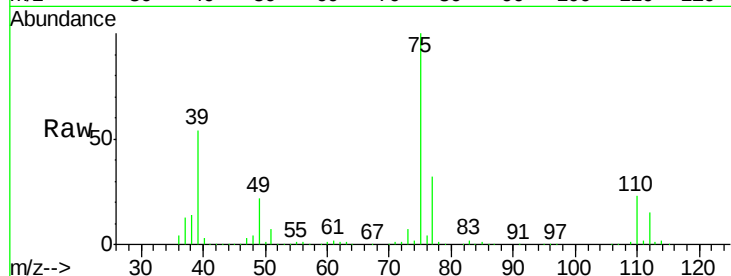
ClientSampled :

Tot Ion: 75 Resp: 1148645

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 164.77 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

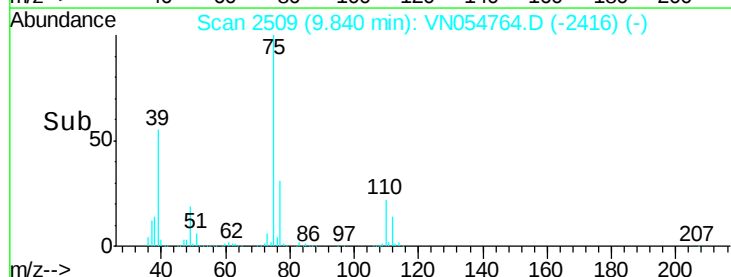
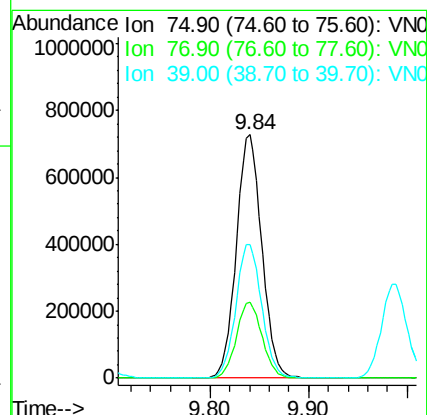
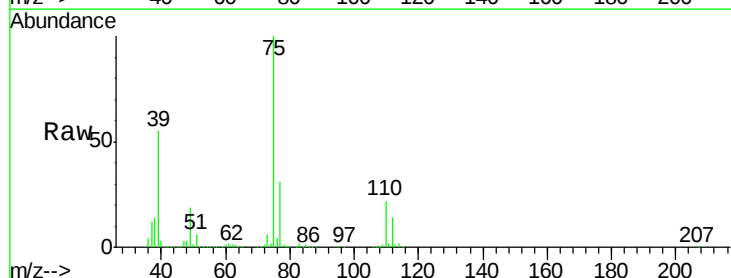
Tgt Ion: 75 Resp: 1314243

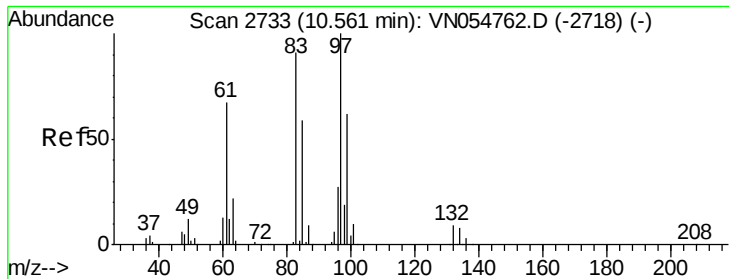
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 55.0 37.2 55.8

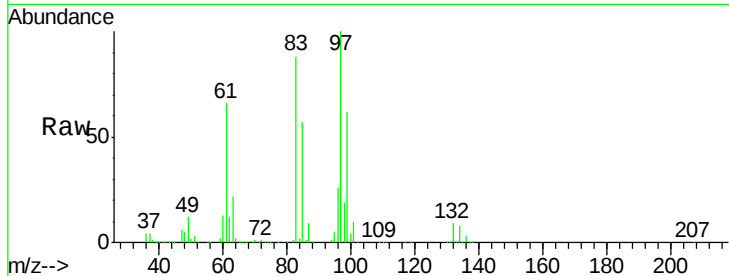




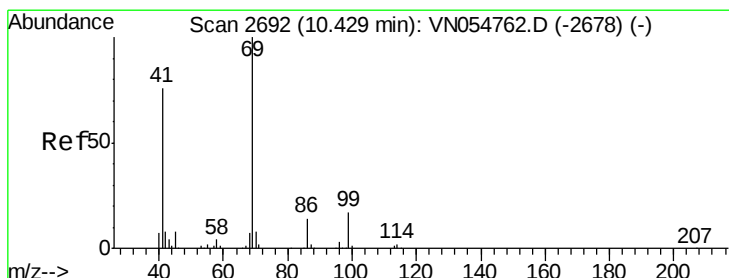
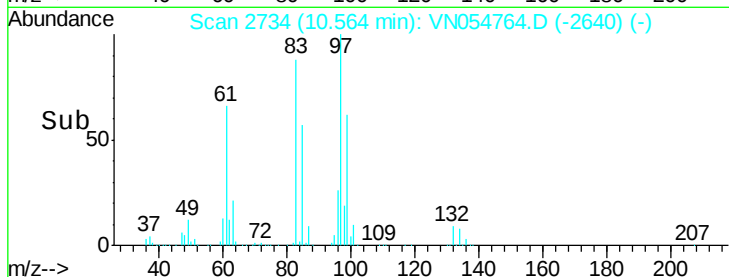
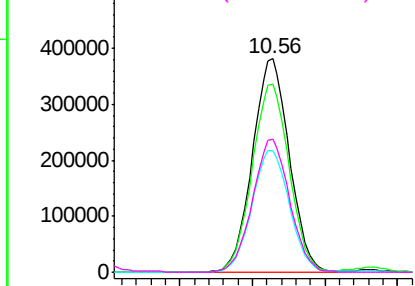
#55
 1,1,2-Trichloroethane
 Concen: 143.48 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 675970
 Ion Ratio Lower Upper
 97 100
 83 88.3 66.6 100.0
 85 57.1 44.4 66.6
 99 62.0 50.8 76.2

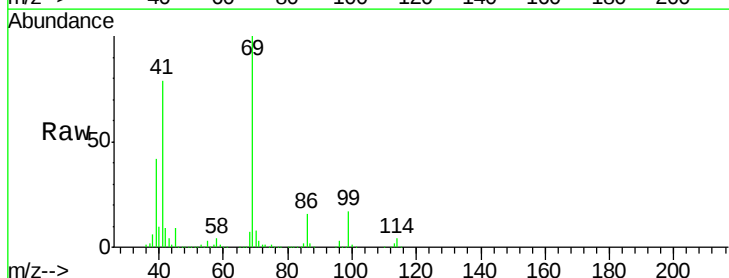


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

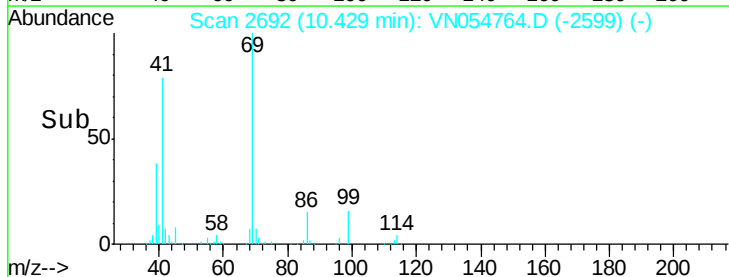
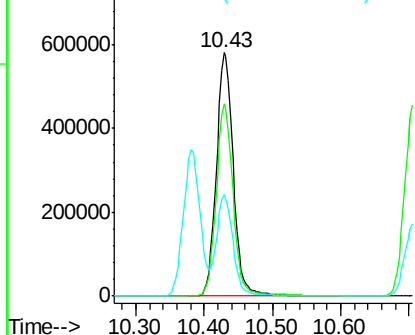


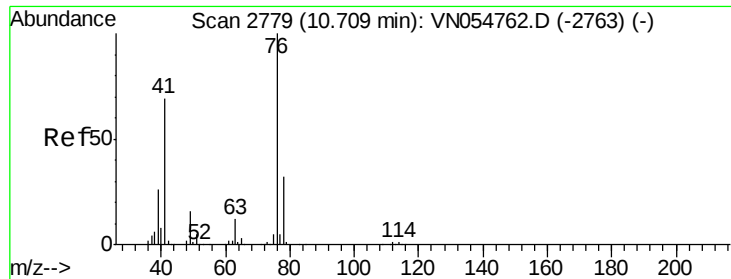
#56
 Ethyl methacrylate
 Concen: 161.89 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 69 Resp: 1000522
 Ion Ratio Lower Upper
 69 100
 41 77.3 49.4 74.2#
 39 40.7 28.3 42.5



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

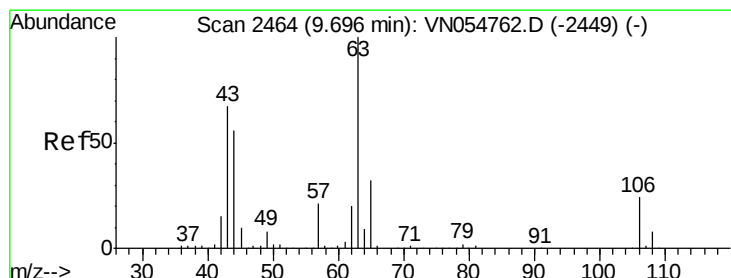
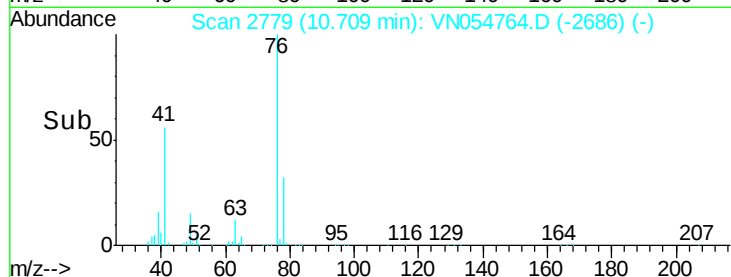
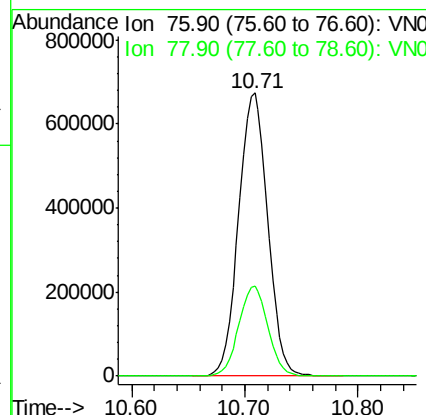
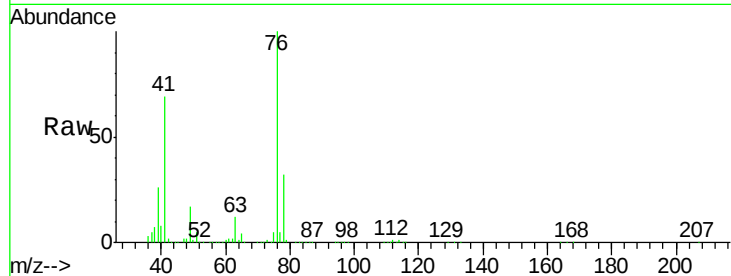




#57
 1,3-Dichloropropane
 Concen: 149.53 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

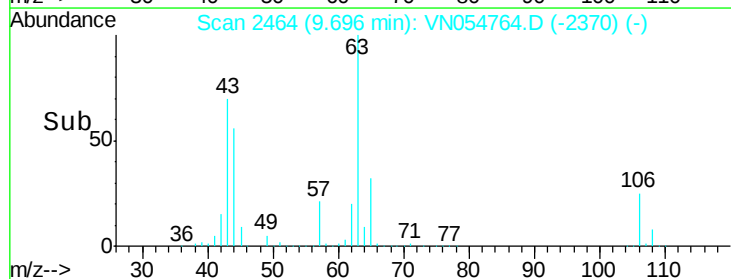
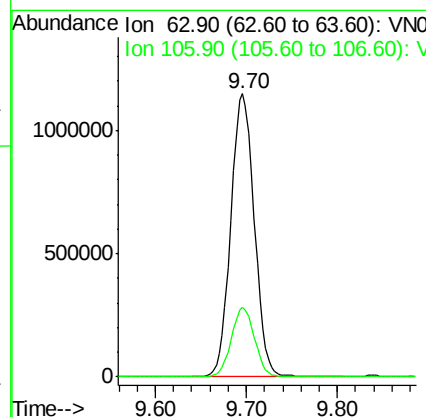
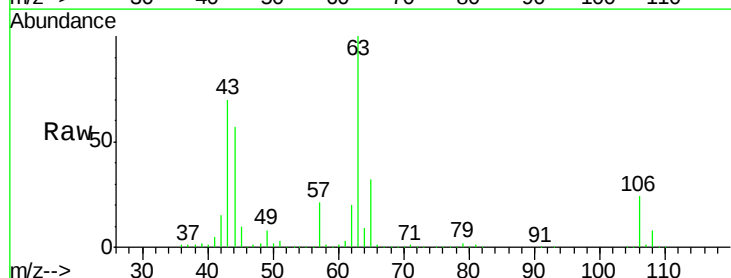
Instrument :
 MSVOA_N
 ClientSampled :

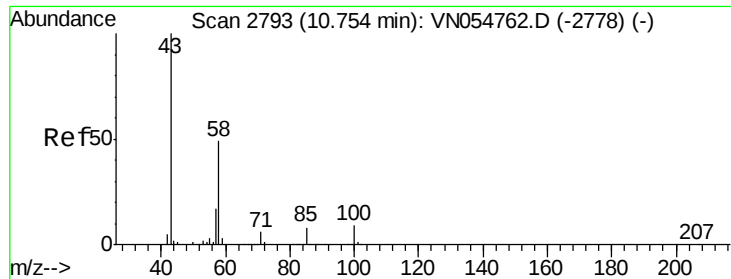
Tot Ion: 76 Resp: 1211165
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 752.65 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 63 Resp: 2061561
 Ion Ratio Lower Upper
 63 100
 106 24.2 24.4 36.6#

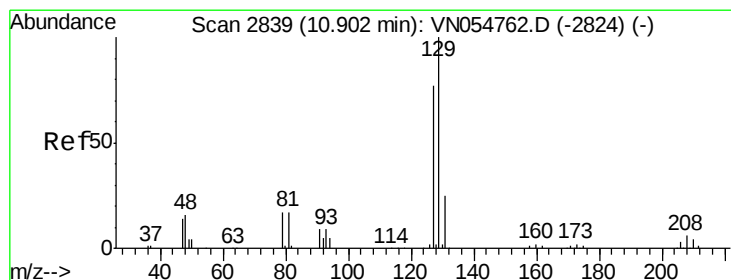
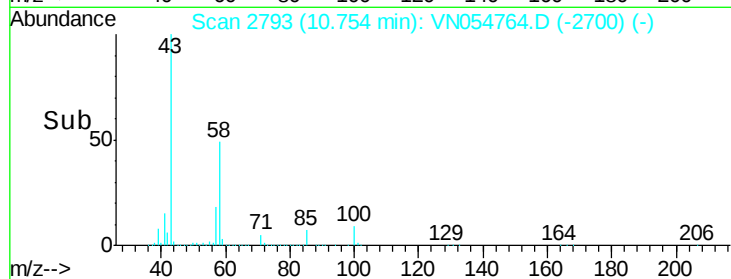
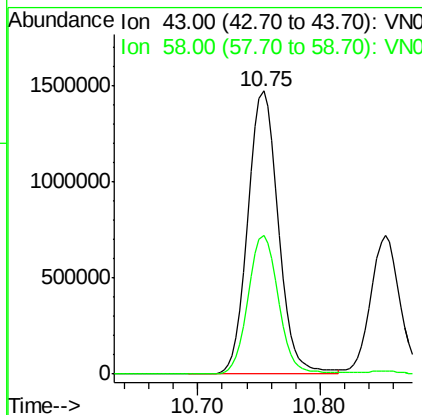
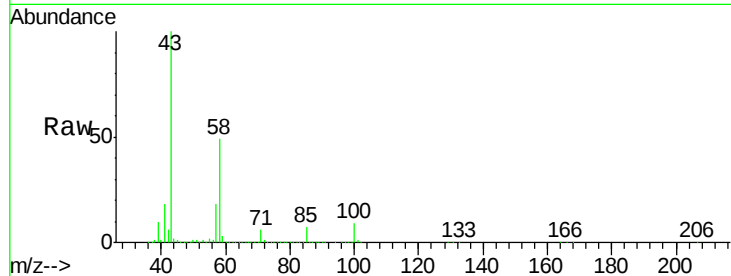




#59
2-Hexanone
Concen: 790.49 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

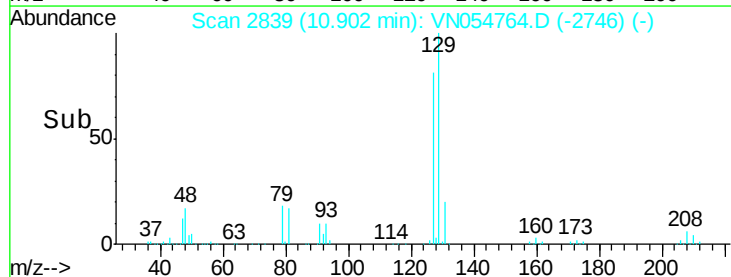
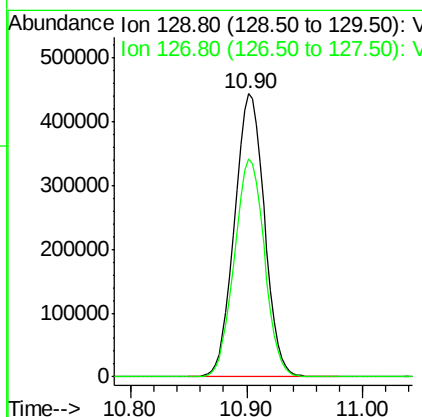
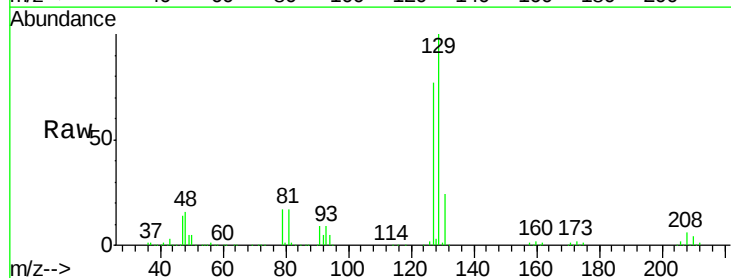
Instrument :
MSVOA_N
ClientSampleId :

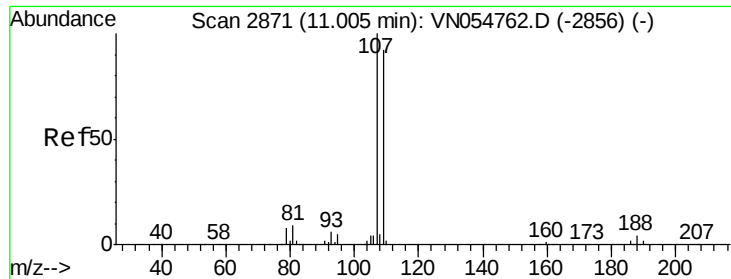
Tot Ion: 43 Resp: 2522793
Ion Ratio Lower Upper
43 100
58 49.4 28.0 83.9



#60
Dibromochloromethane
Concen: 166.21 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 129 Resp: 793254
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8

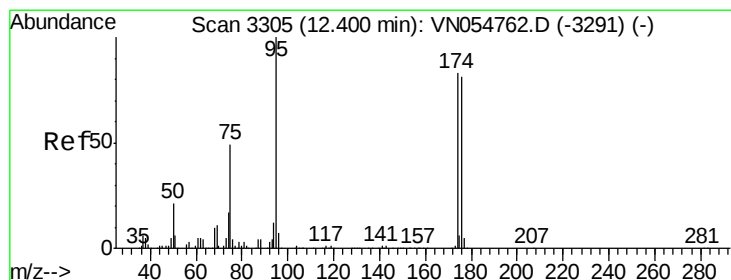
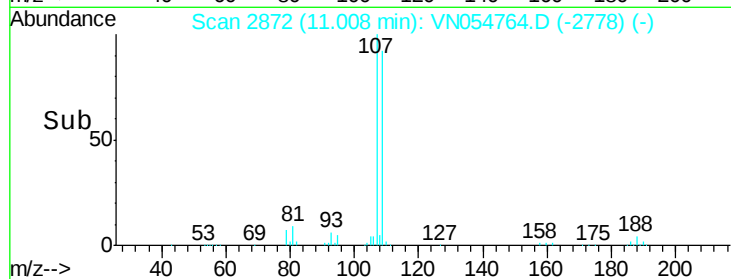
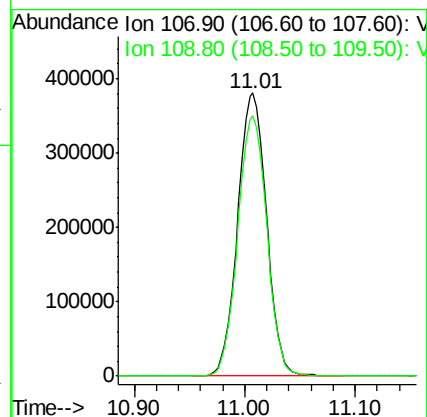
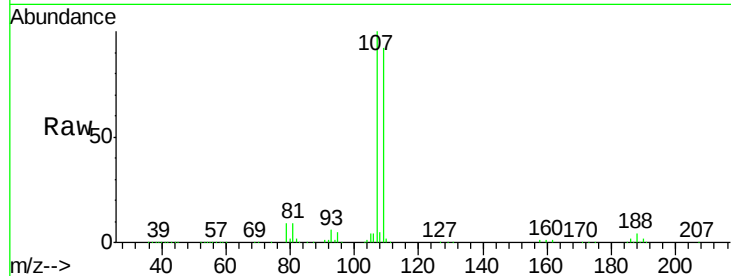




#61
 1,2-Dibromoethane
 Concen: 153.49 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

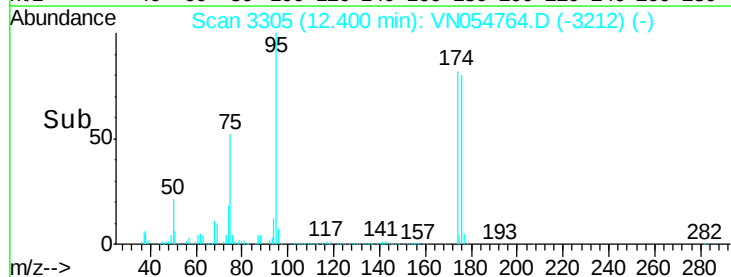
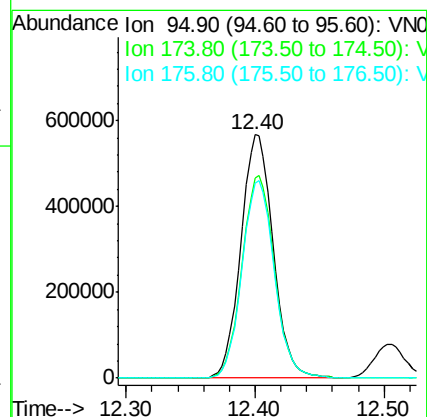
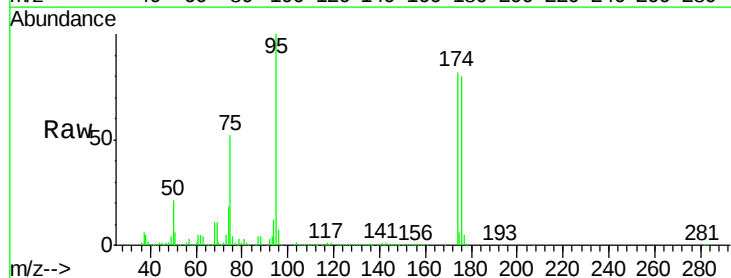
Instrument :
 MSVOA_N
 ClientSampleId :

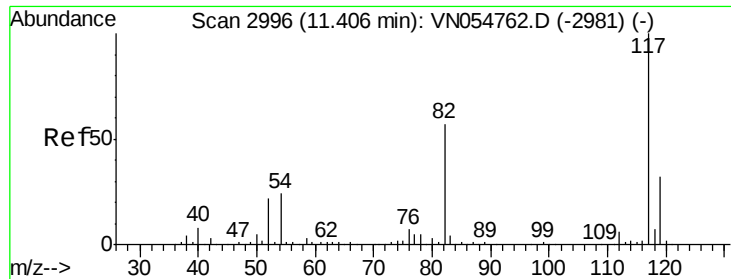
Tot Ion: 107 Resp: 691097
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 150.37 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 95 Resp: 989932
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 191.0
 176 81.5 0.0 187.4

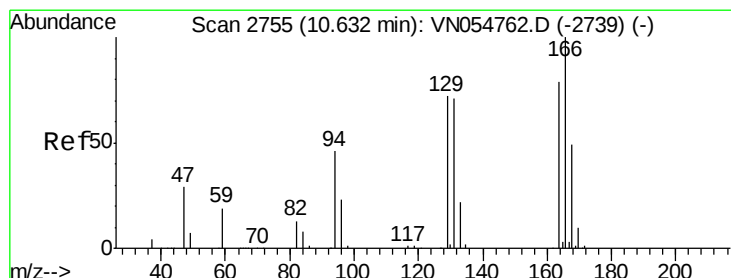
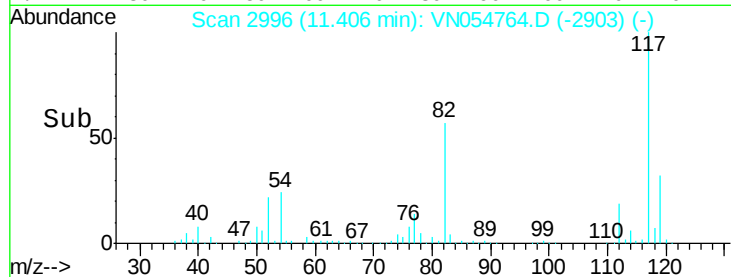
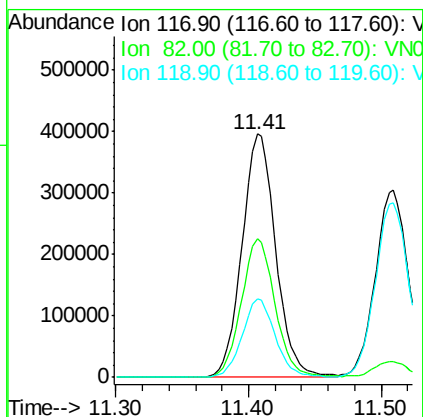
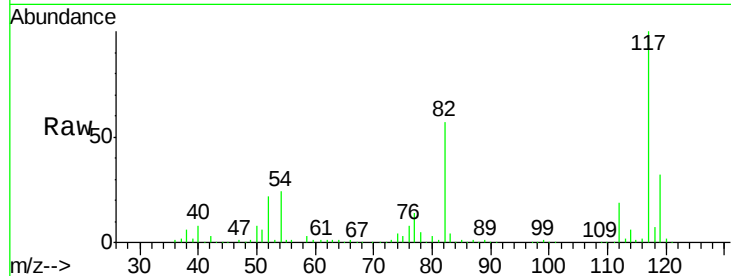




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

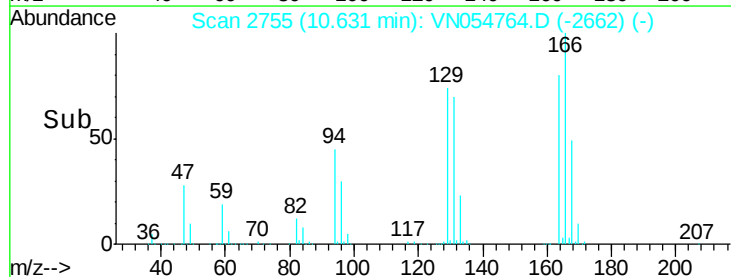
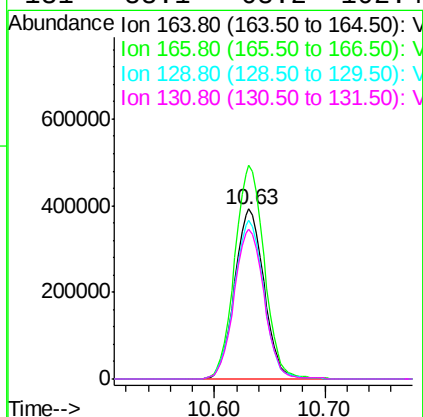
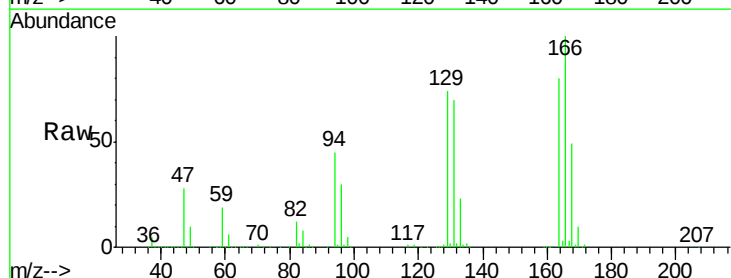
Instrument :
MSVOA_N
ClientSampled :

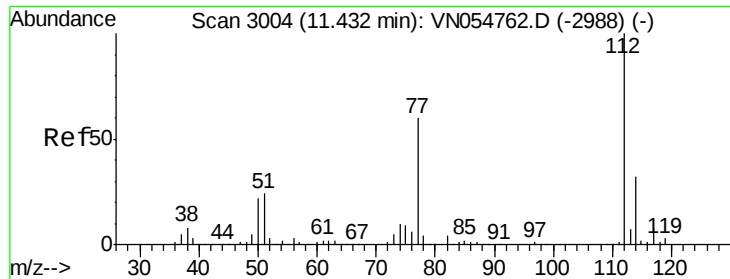
Tot Ion:117 Resp: 699866
Ion Ratio Lower Upper
117 100
82 57.0 40.0 60.0
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 135.06 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion:164 Resp: 725348
Ion Ratio Lower Upper
164 100
166 125.6 103.9 155.9
129 93.2 71.1 106.7
131 88.1 68.2 102.4

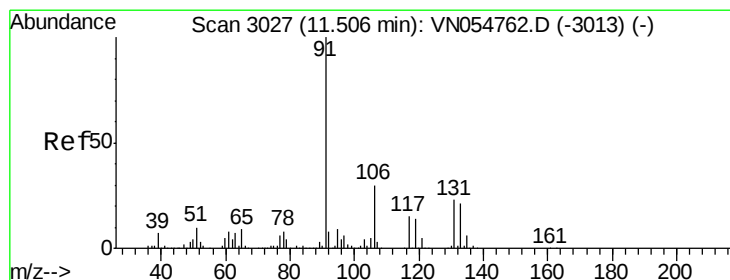
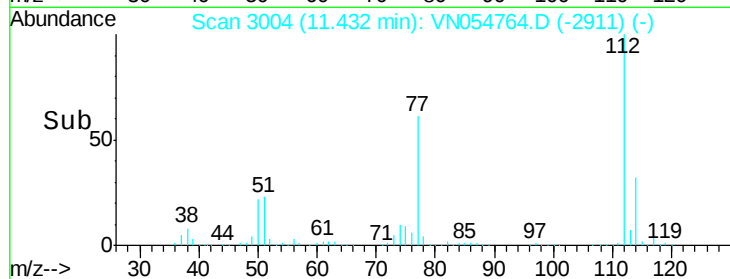
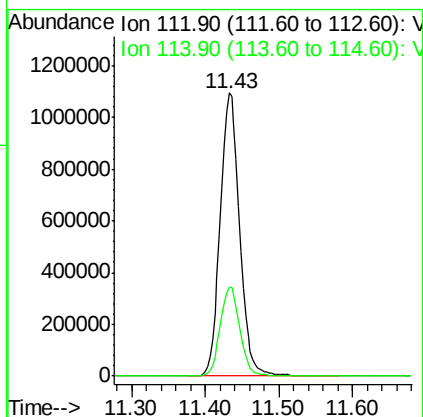
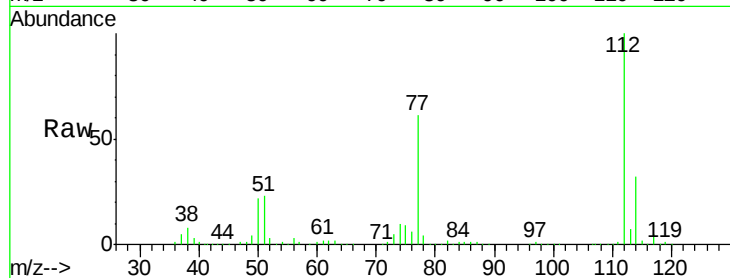




#65
Chlorobenzene
Concen: 146.10 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

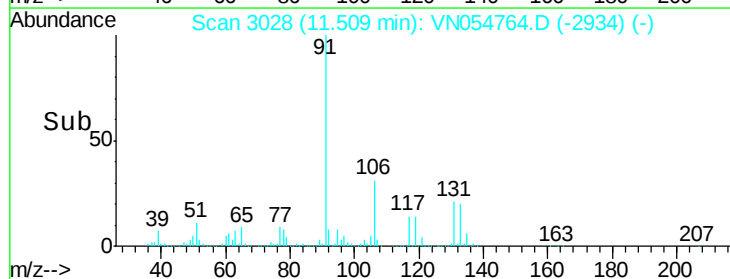
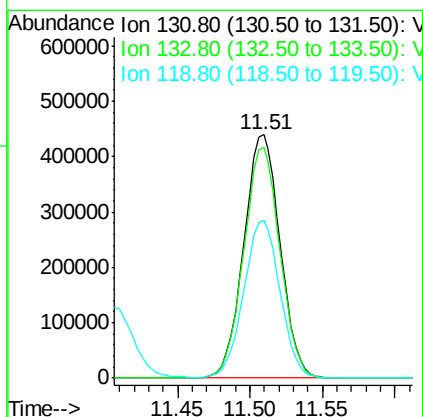
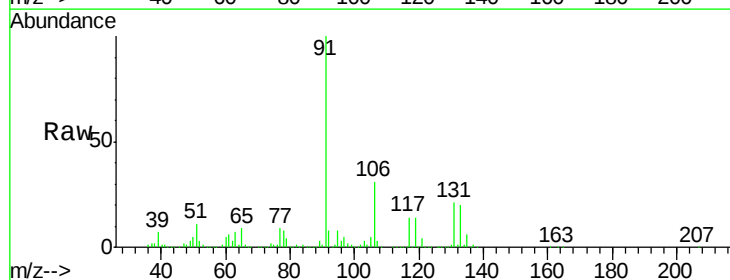
Instrument :
MSVOA_N
ClientSampled :

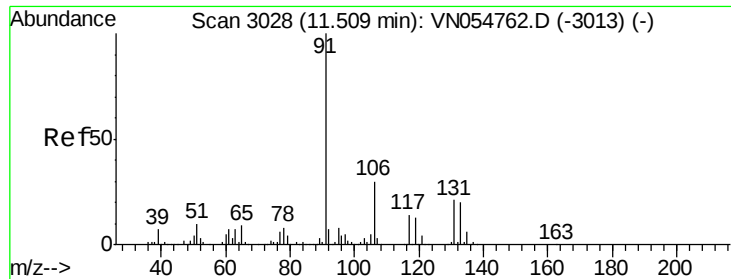
Tot Ion:112 Resp: 2001937
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 149.45 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion:131 Resp: 766502
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 64.6 32.4 97.0

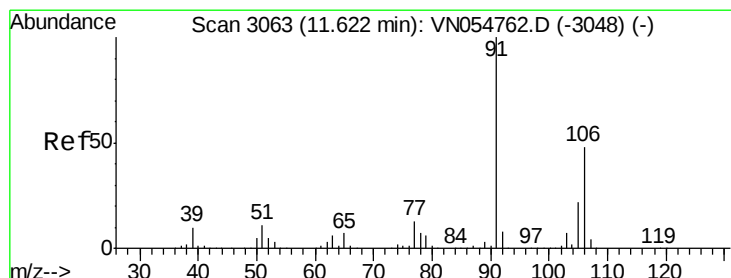
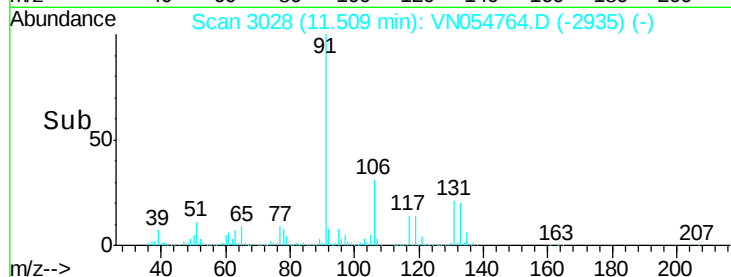
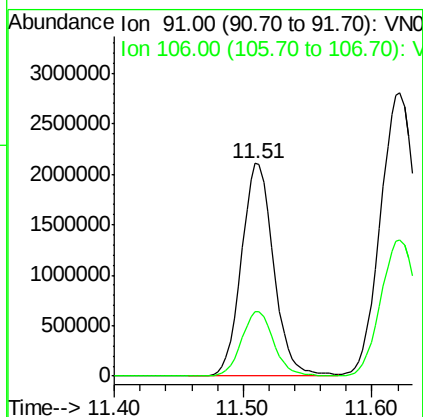
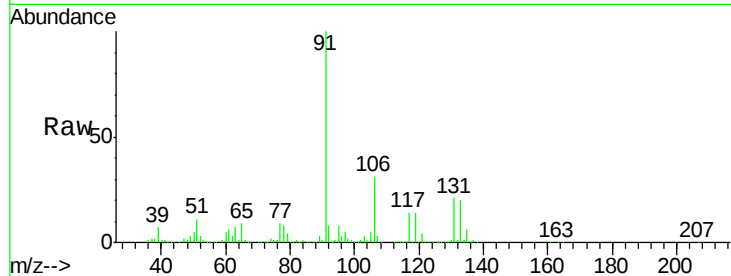




#67
Ethyl Benzene
Concen: 148.27 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

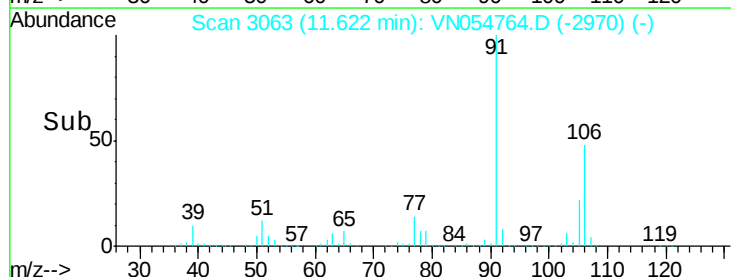
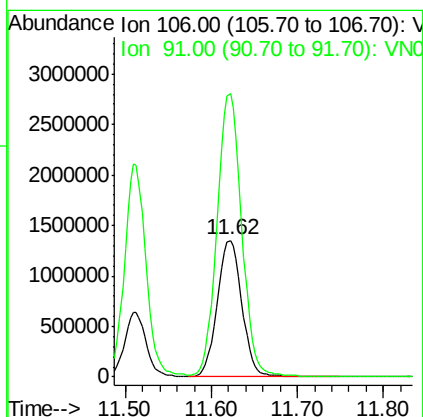
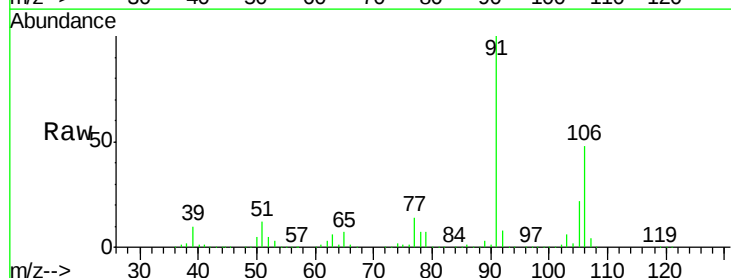
Instrument :
MSVOA_N
ClientSampled :

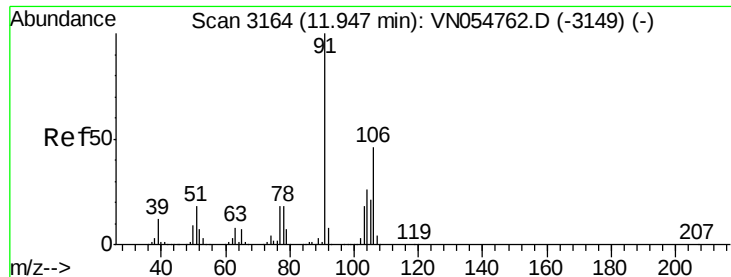
Tot Ion: 91 Resp: 3666362
Ion Ratio Lower Upper
91 100
106 30.6 25.5 38.3



#68
m/p-Xylenes
Concen: 296.06 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 106 Resp: 2709100
Ion Ratio Lower Upper
106 100
91 207.2 159.4 239.2

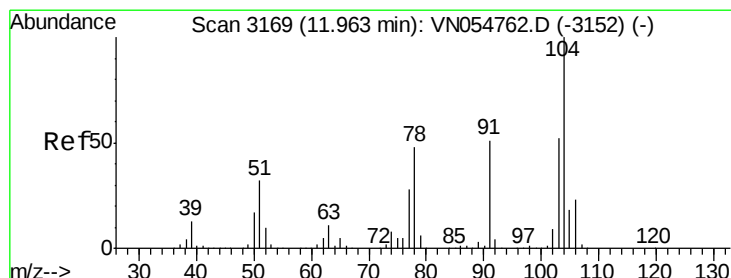
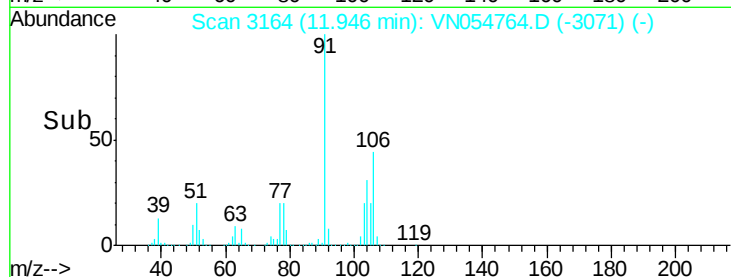
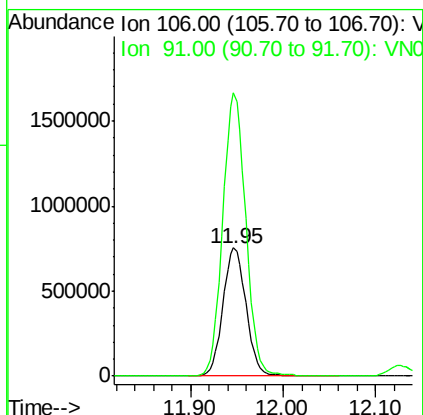
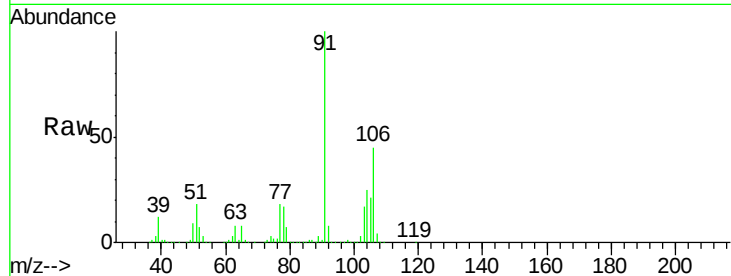




#69
o-Xylene
Concen: 145.39 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

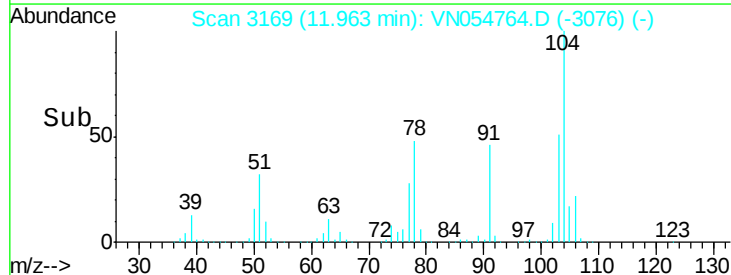
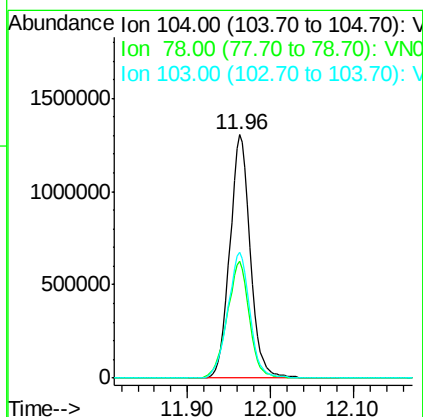
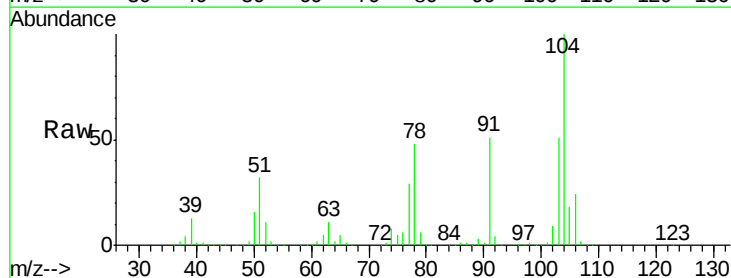
Instrument :
MSVOA_N
ClientSampled :

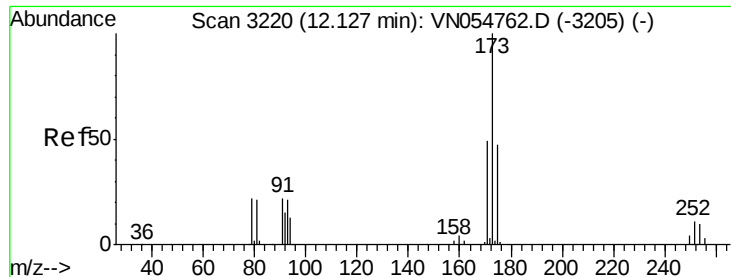
Tot Ion:106 Resp: 1304551
Ion Ratio Lower Upper
106 100
91 219.9 105.7 317.1



#70
Styrene
Concen: 156.83 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion:104 Resp: 2249991
Ion Ratio Lower Upper
104 100
78 52.0 38.2 57.2
103 55.7 44.4 66.6





#71

Bromoform

Concen: 171.40 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

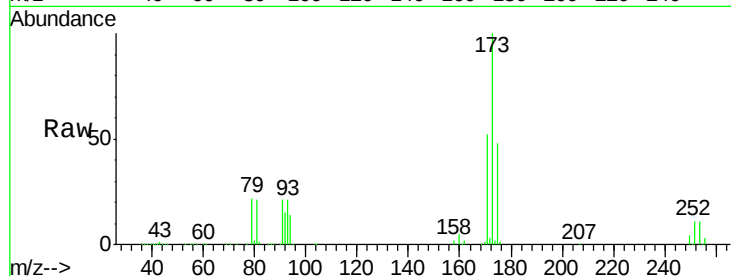
Tot Ion:173 Resp: 515011

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.2

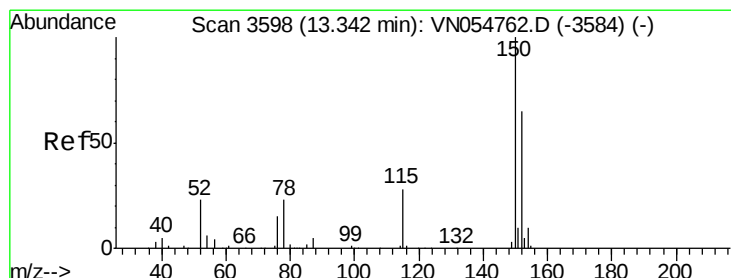
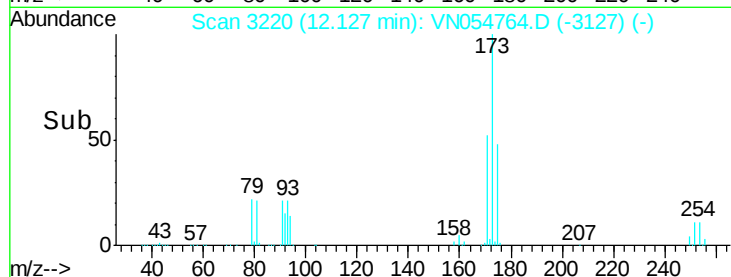
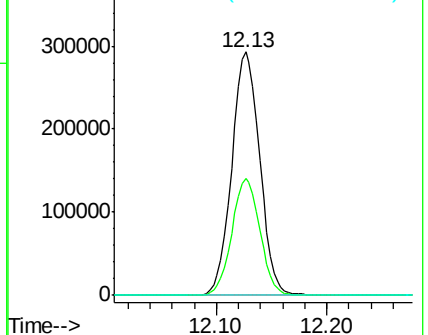
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

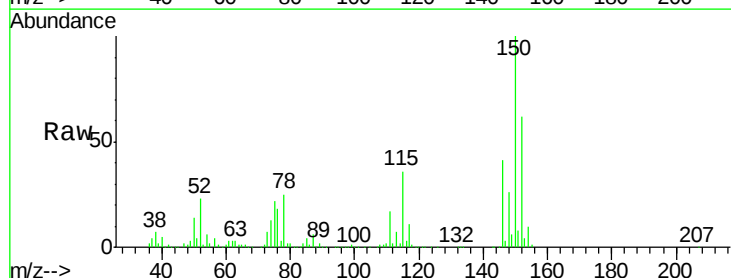
Tgt Ion:152 Resp: 327304

Ion Ratio Lower Upper

152 100

115 58.1 27.2 81.6

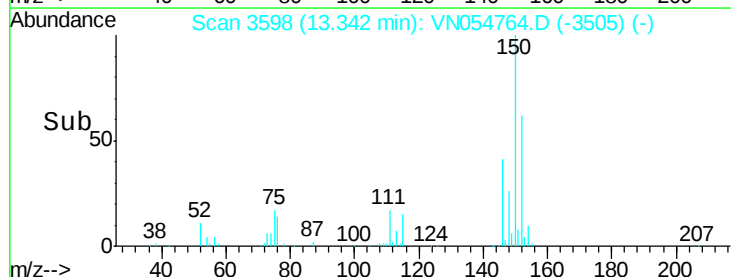
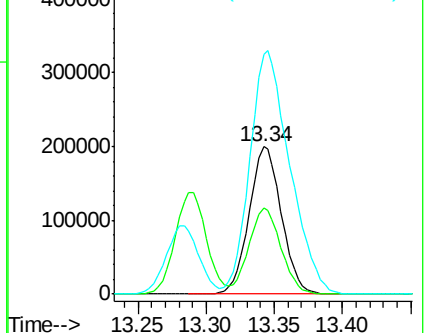
150 204.0 0.0 349.2

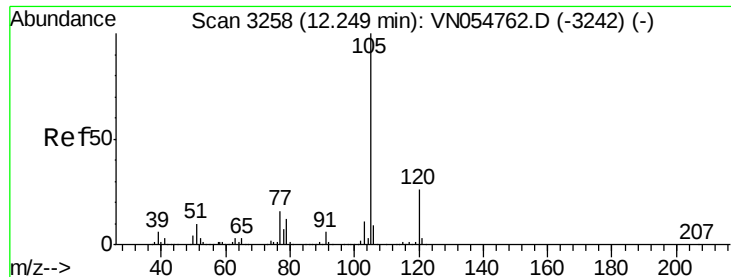


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 129.48 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

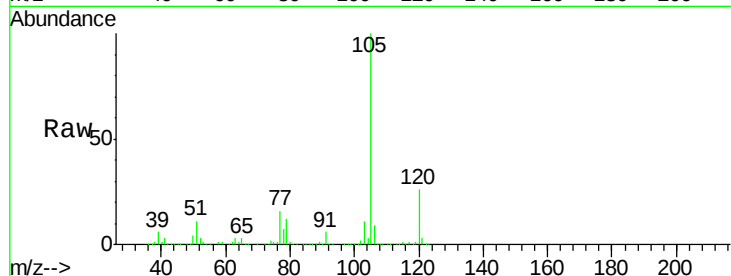
ClientSampleId :

Tot Ion:105 Resp: 3463843

Ion Ratio Lower Upper

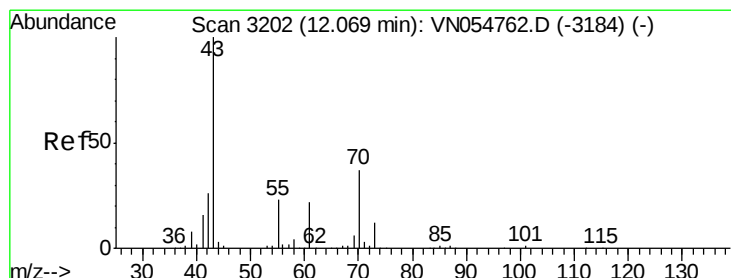
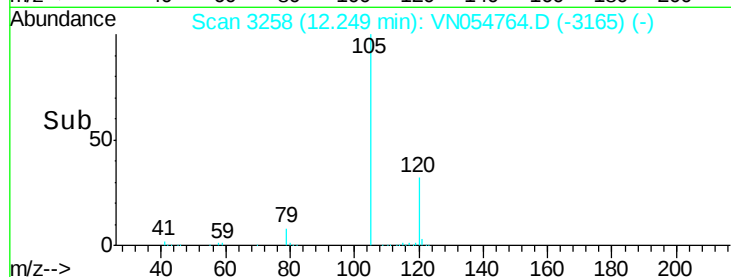
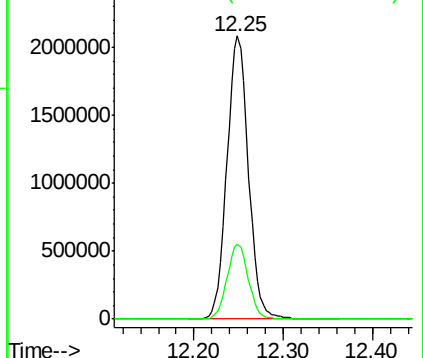
105 100

120 26.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 143.20 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion: 43 Resp: 1193485

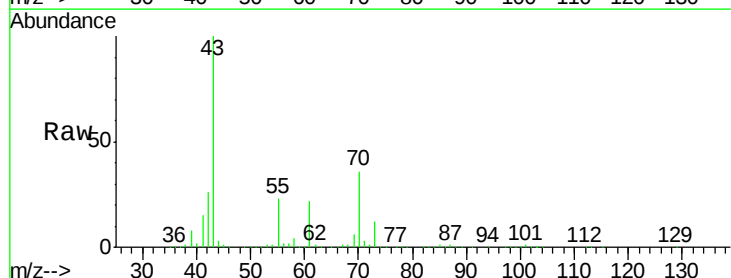
Ion Ratio Lower Upper

43 100

70 36.7 35.4 53.0

55 22.7 19.8 29.6

61 22.0 19.8 29.6

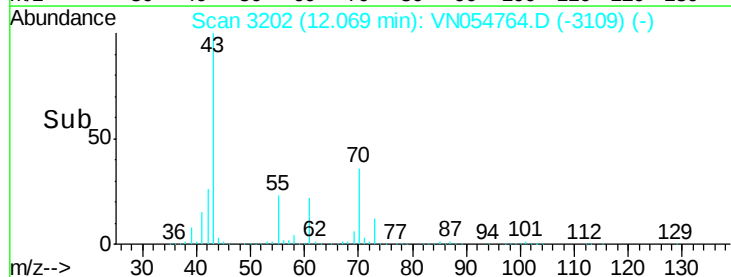
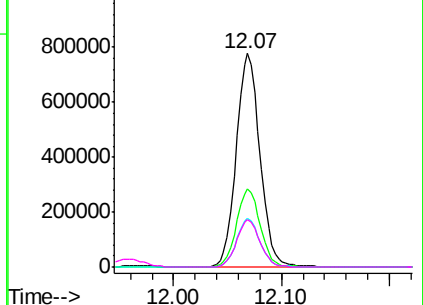


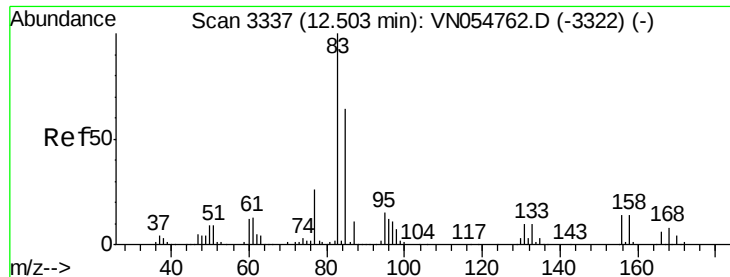
Abundance Ion 43.00 (42.70 to 43.70): V

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: 148.05 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

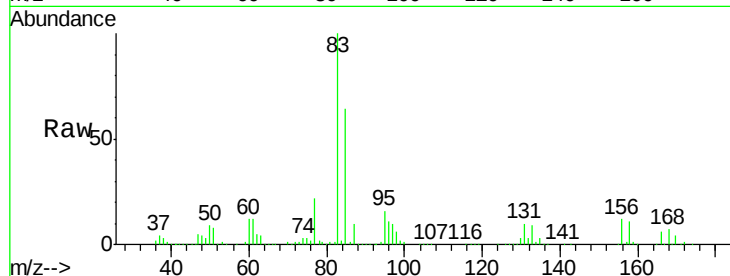
Tot Ion: 83 Resp: 853308

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.8	17.4
85	63.8	32.2	96.6

83 100

131 10.2 5.8 17.4

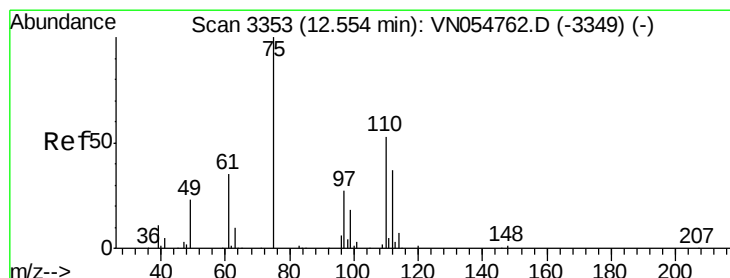
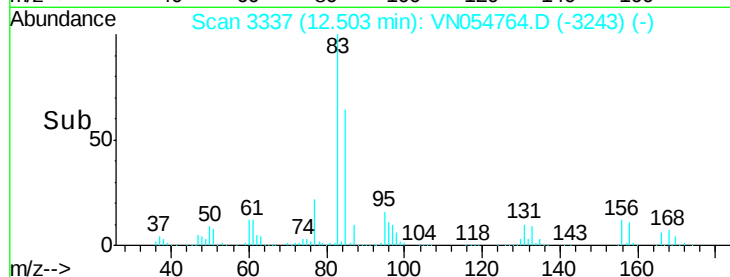
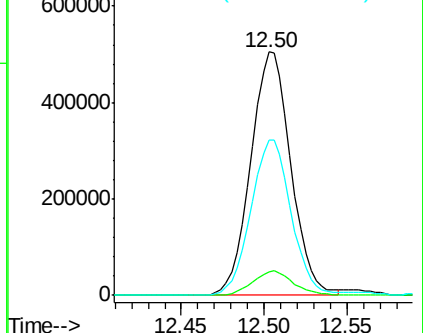
85 63.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 231.40 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054764.D

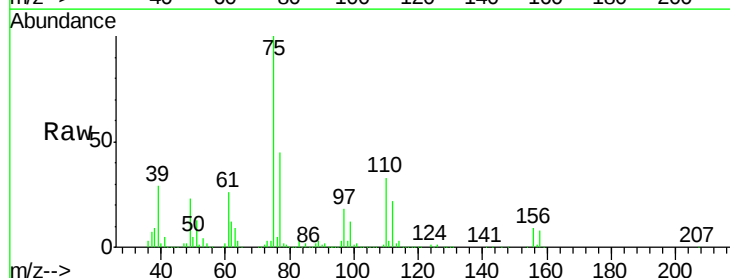
Acq: 29 Mar 2019 12:12

Tgt Ion: 75 Resp: 1068531

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

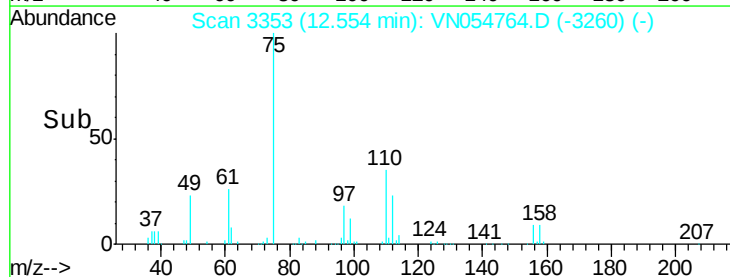
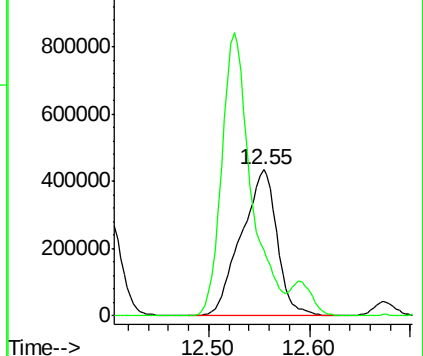
75 100

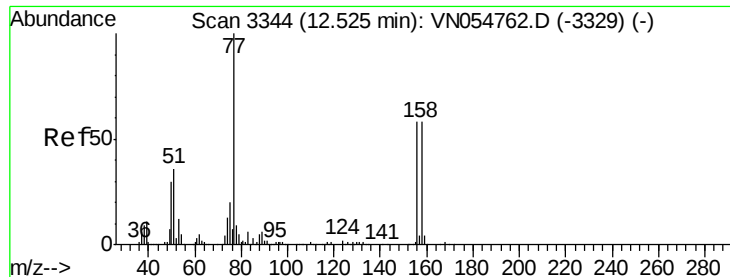
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 135.57 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

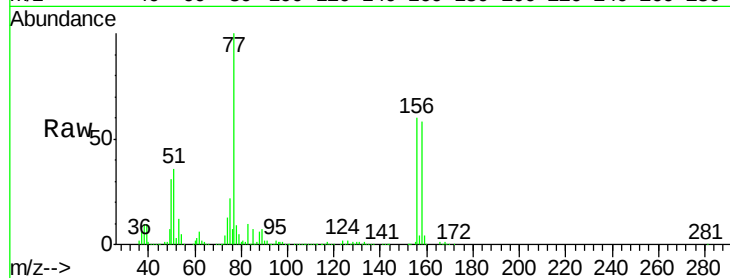
Tot Ion:156 Resp: 875297

Ion	Ratio	Lower	Upper
156	100		
77	195.8	81.5	244.4
158	97.7	49.0	147.2

156 100

77 195.8 81.5 244.4

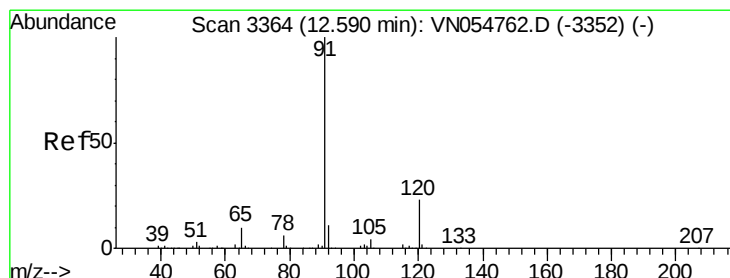
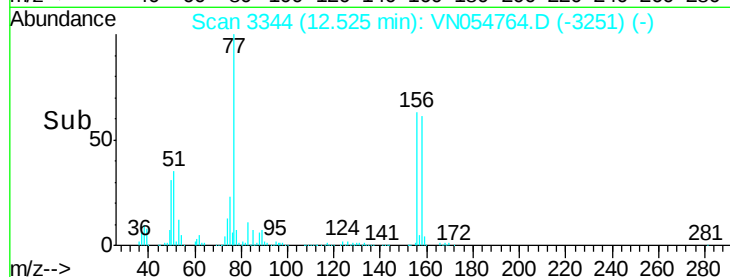
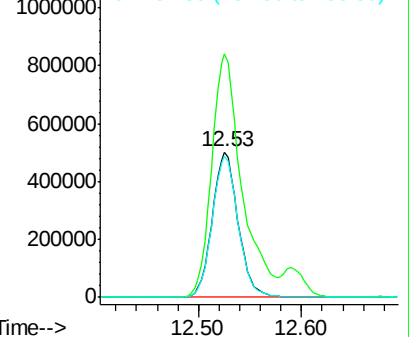
158 97.7 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 135.05 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054764.D

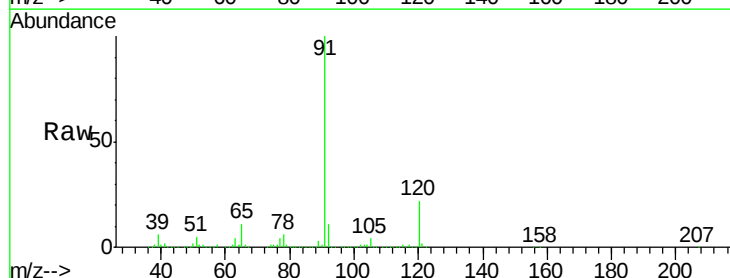
Acq: 29 Mar 2019 12:12

Tgt Ion: 91 Resp: 3971112

Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.3	36.9

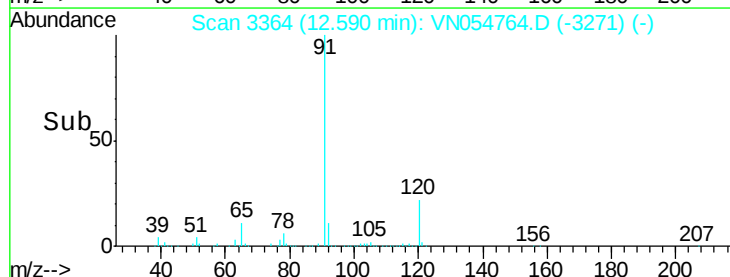
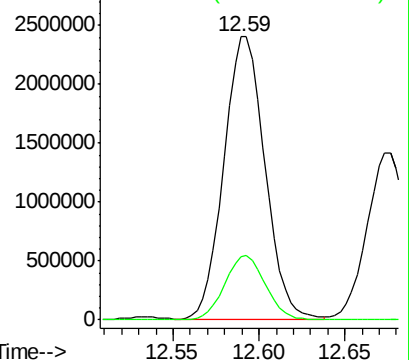
91 100

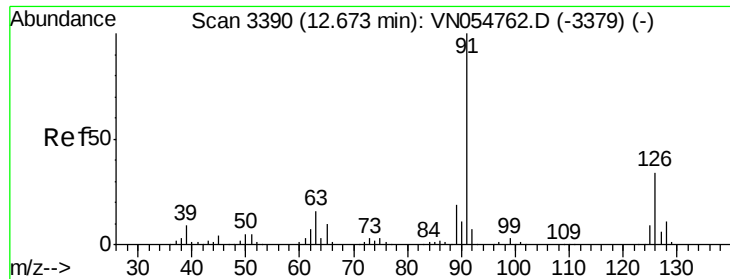
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 130.78 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

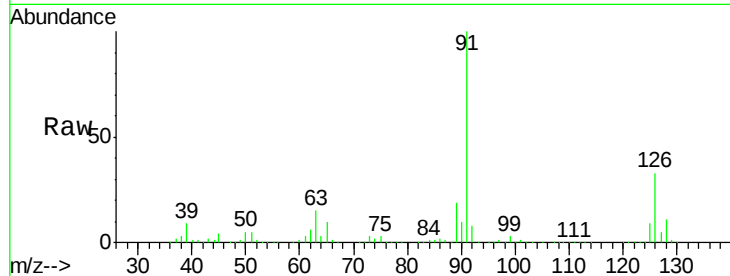
ClientSampleId :

Tot Ion: 91 Resp: 2379064

Ion Ratio Lower Upper

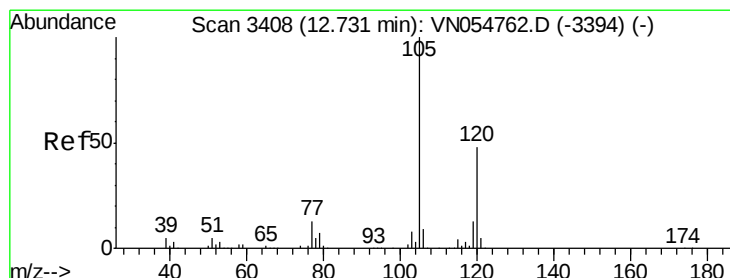
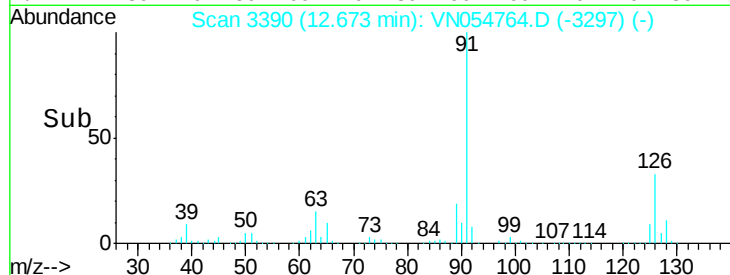
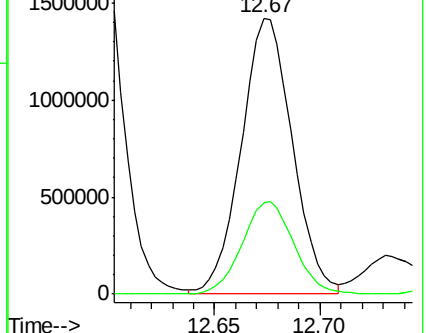
91 100

126 34.1 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054764.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054764.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 133.20 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054764.D

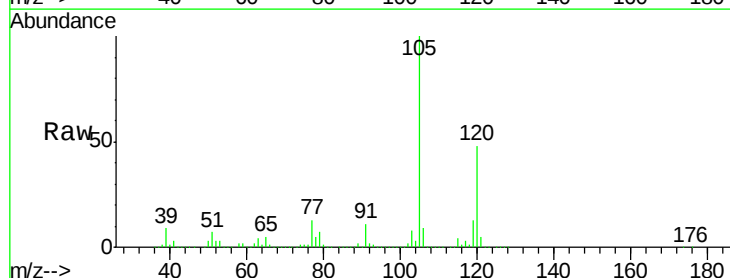
Acq: 29 Mar 2019 12:12

Tgt Ion:105 Resp: 2923844

Ion Ratio Lower Upper

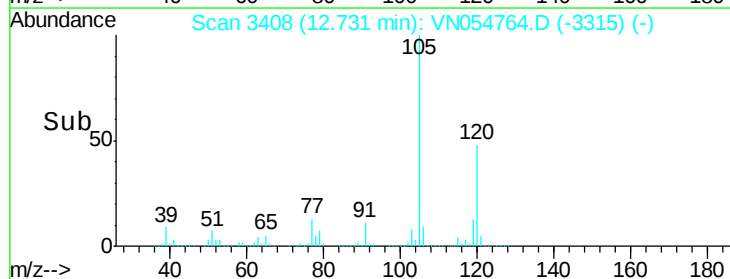
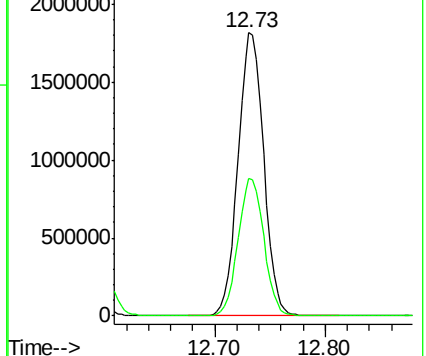
105 100

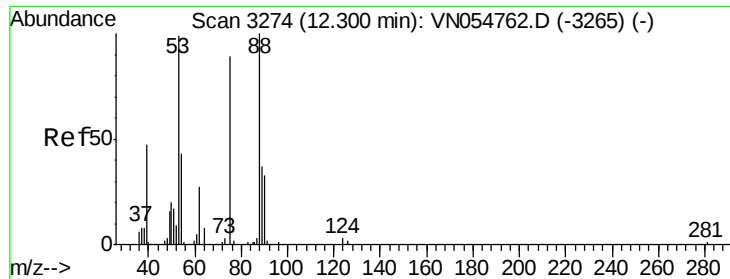
120 48.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054764.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054764.D (-3394) (-)

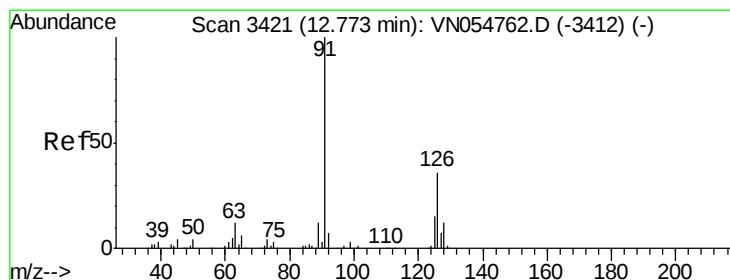
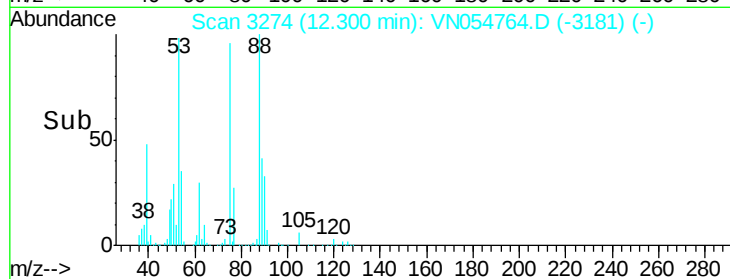
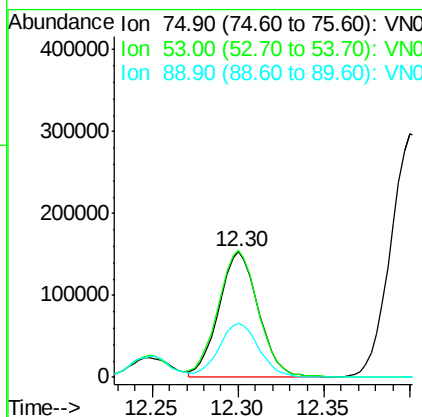
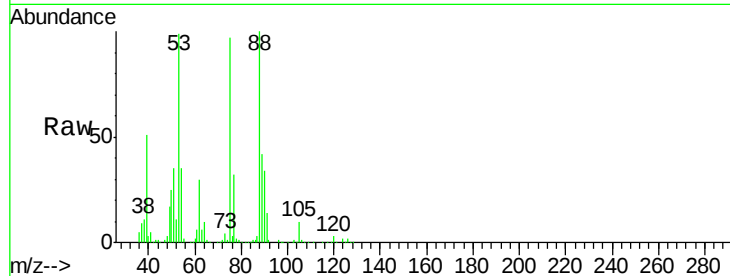




#81
trans-1,4-Dichloro-2-butene
Concen: 166.04 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

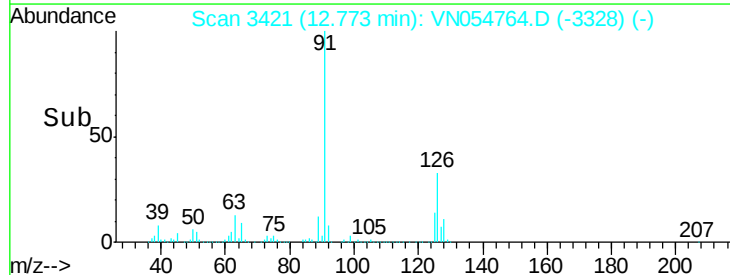
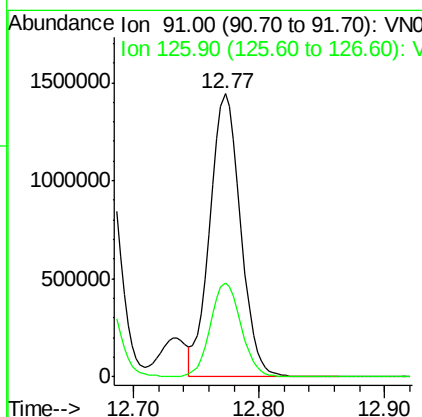
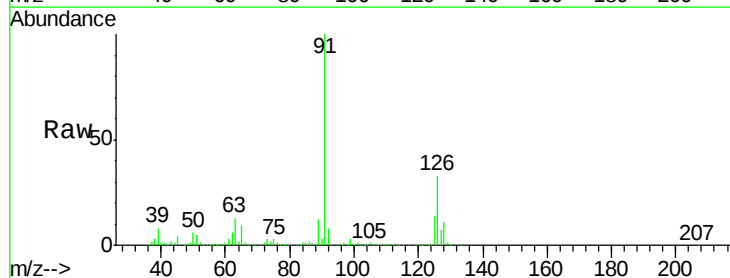
Instrument :
MSVOA_N
ClientSampled :

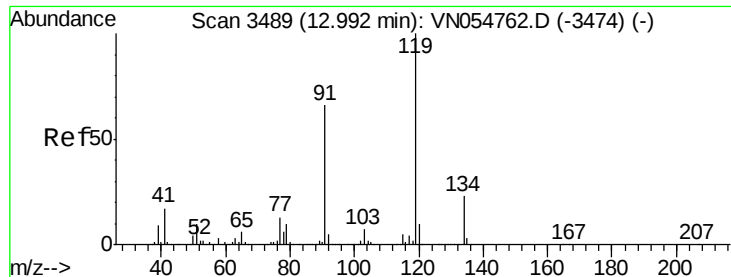
Tot Ion: 75 Resp: 242720
Ion Ratio Lower Upper
75 100
53 104.9 76.2 114.2
89 44.6 39.2 58.8



#82
4-Chlorotoluene
Concen: 138.41 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 91 Resp: 2445583
Ion Ratio Lower Upper
91 100
126 33.4 18.1 54.1

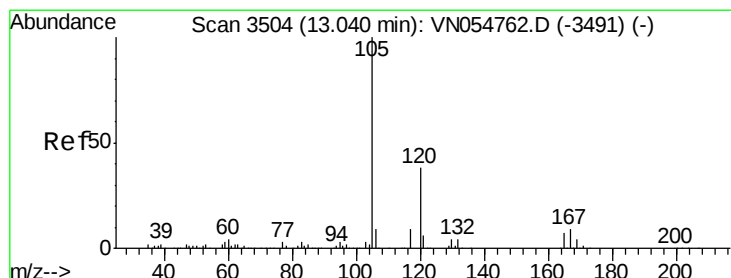
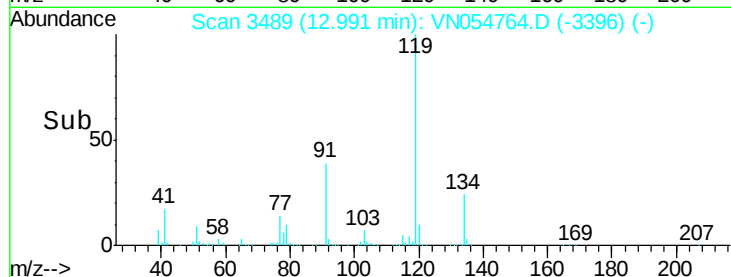
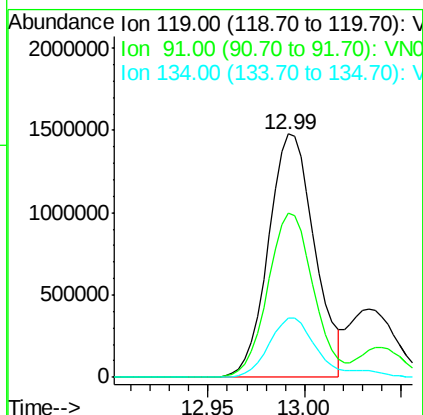
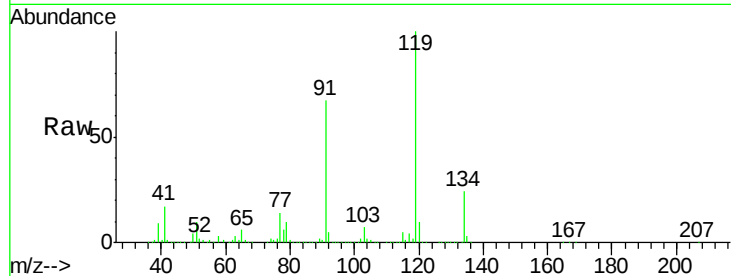




#83
tert-Butylbenzene
Concen: 148.63 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

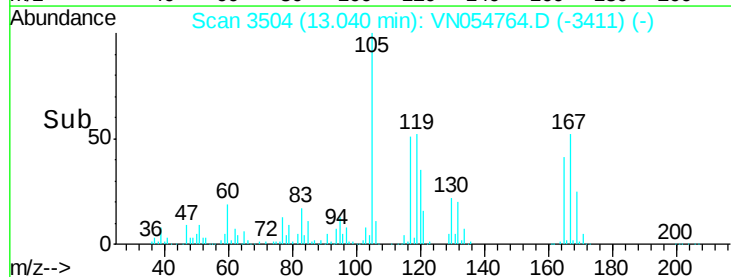
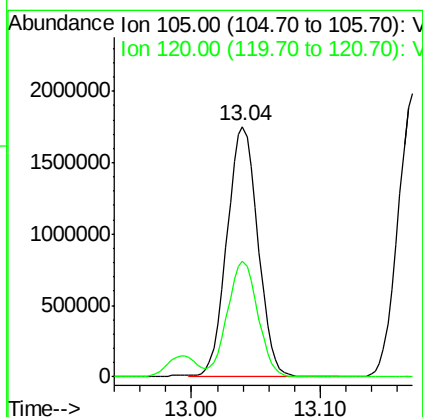
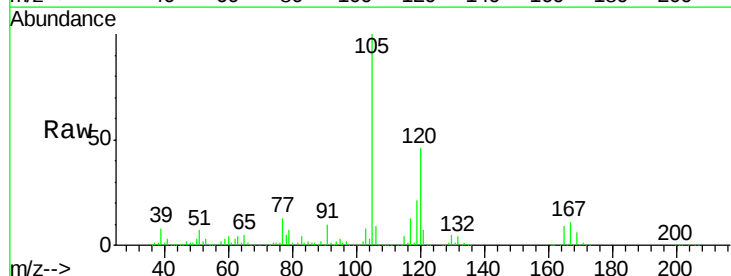
Instrument :
MSVOA_N
ClientSampled :

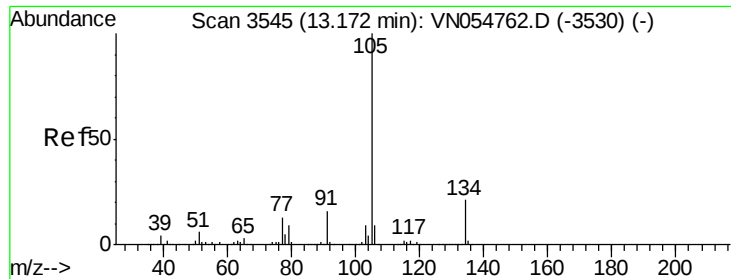
Tot Ion:119 Resp: 2457906
Ion Ratio Lower Upper
119 100
91 66.6 30.9 92.8
134 26.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 139.06 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion:105 Resp: 2908121
Ion Ratio Lower Upper
105 100
120 45.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 133.33 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

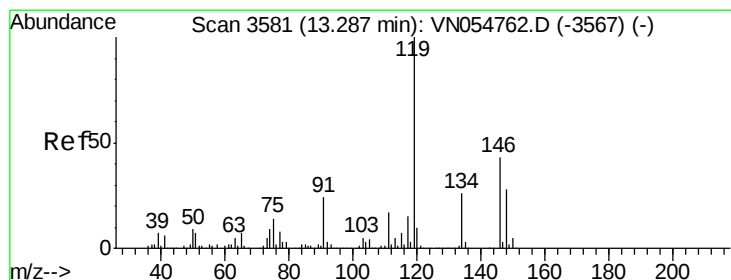
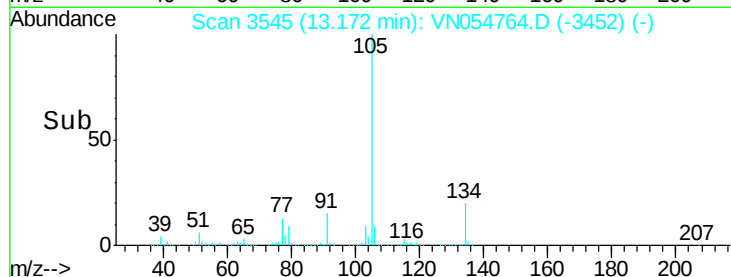
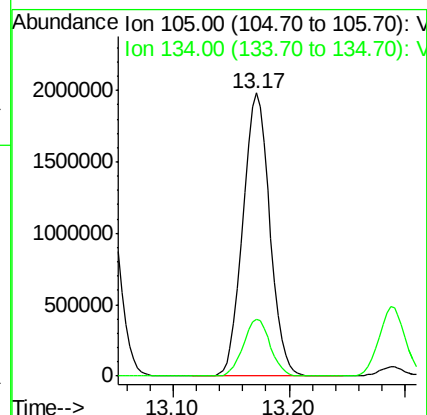
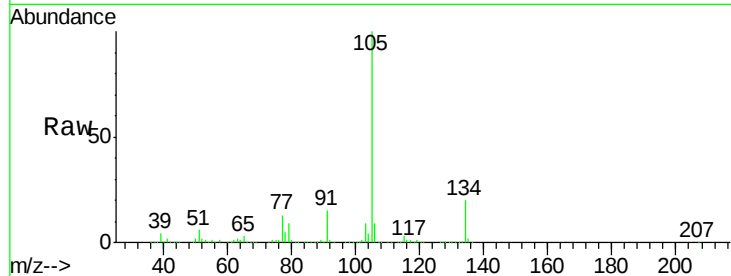
ClientSampleId :

Tot Ion:105 Resp: 3179392

Ion Ratio Lower Upper

105 100

134 20.2 10.7 32.1



#86

p-Isopropyltoluene

Concen: 137.55 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

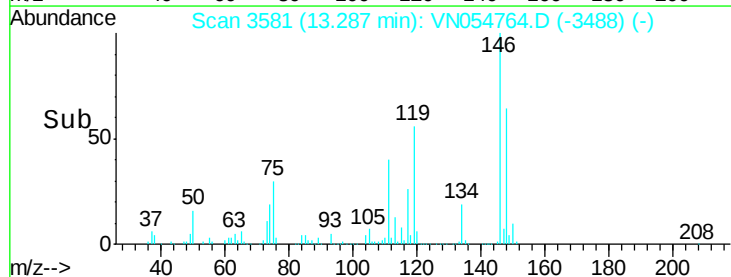
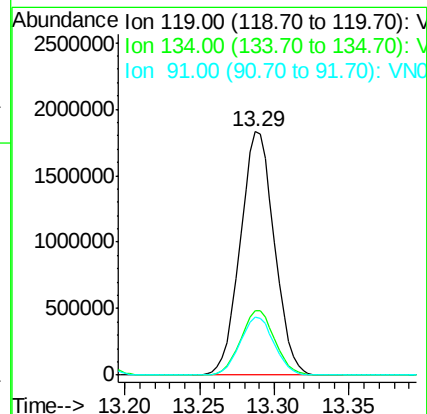
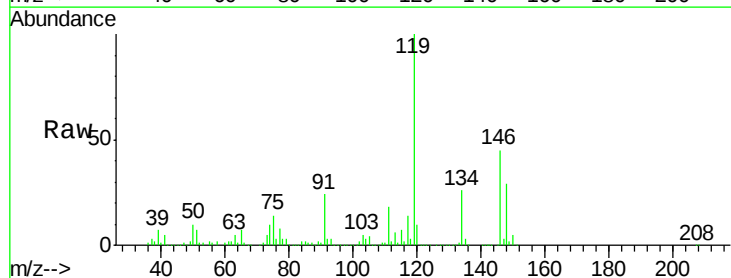
Tgt Ion:119 Resp: 2892874

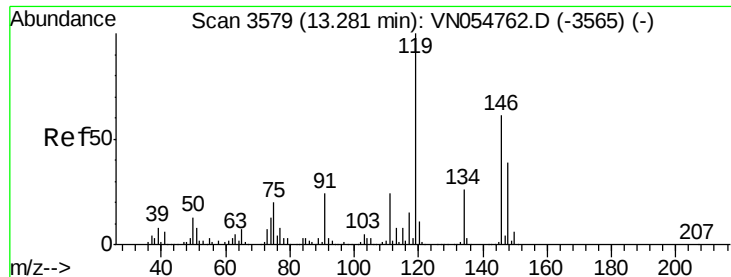
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 23.8 11.1 33.3

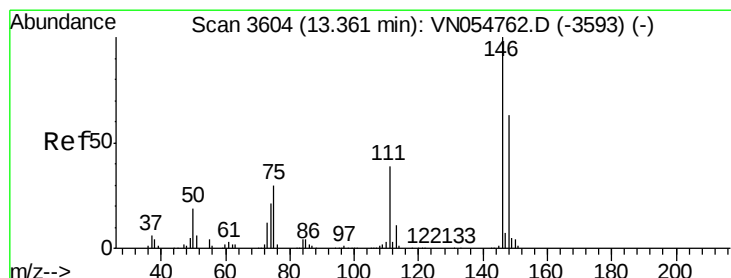
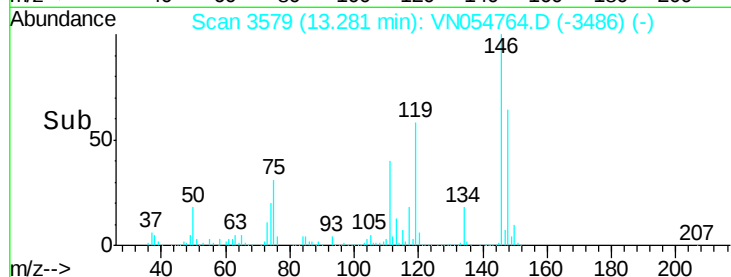
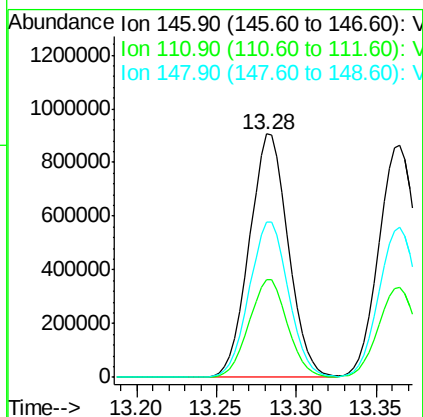
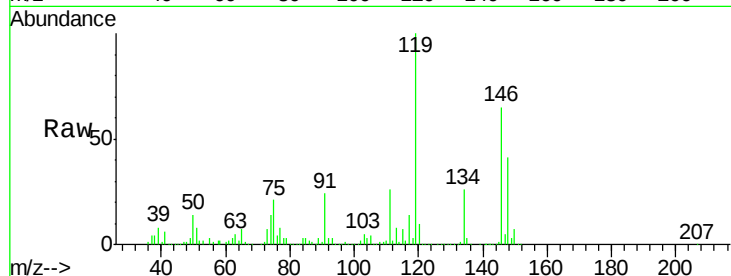




#87
 1,3-Dichlorobenzene
 Concen: 139.96 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

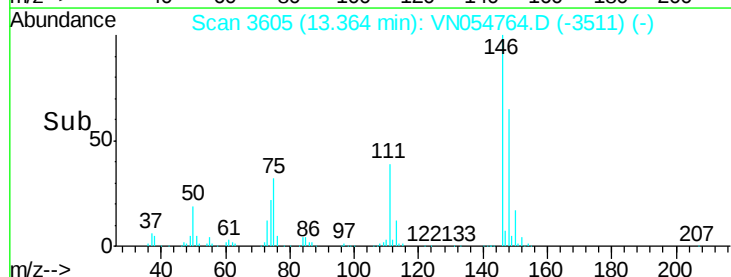
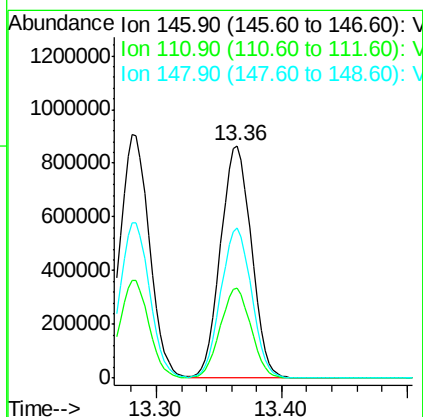
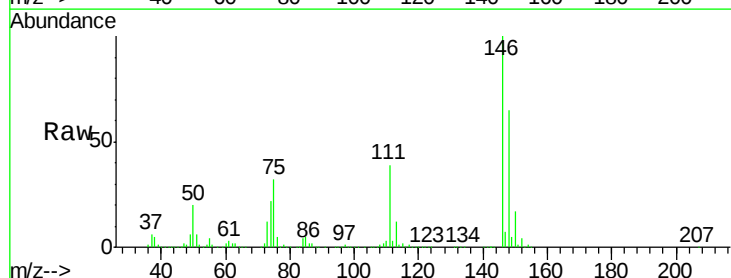
Instrument :
 MSVOA_N
 ClientSampleId :

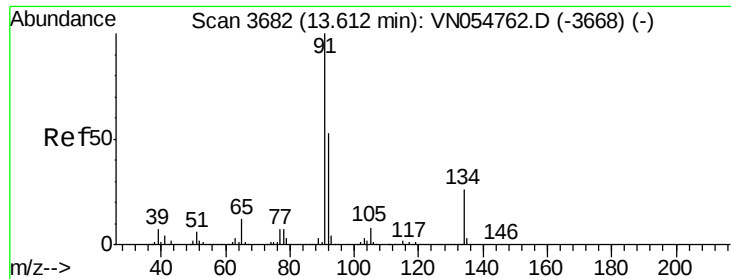
Tot Ion:146 Resp: 1512964
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.8 56.3
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 139.23 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion:146 Resp: 1476163
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.1 54.1
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 146.51 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

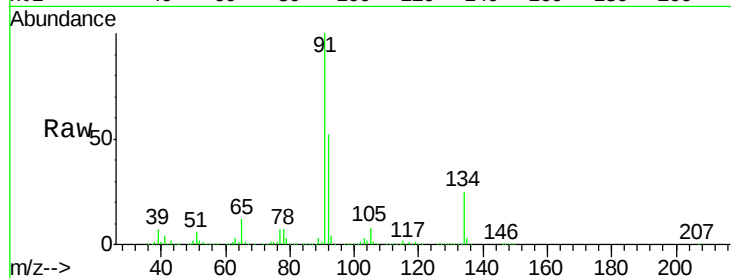
Tot Ion: 91 Resp: 2514144

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.6

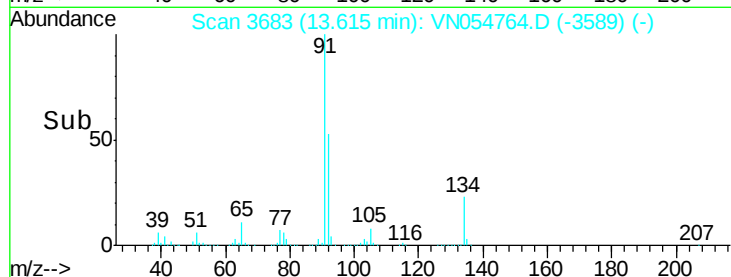
134 25.4 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054764.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN054764.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN054764.D (-3682) (-)

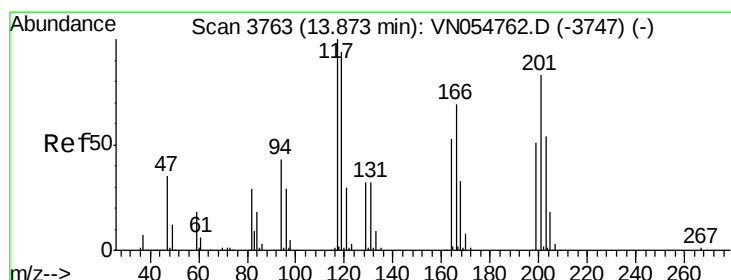


Abundance Ion 91.00 (90.70 to 91.70): VN054764.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN054764.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN054764.D (-3682) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 146.71 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN054764.D

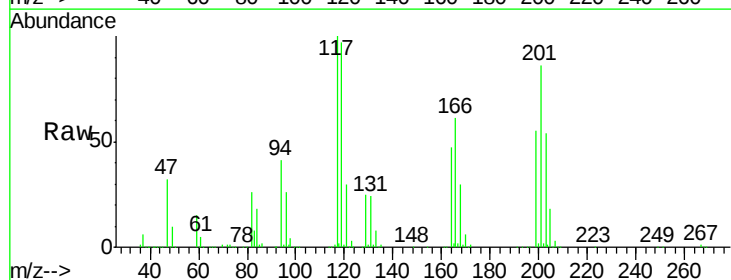
Acq: 29 Mar 2019 12:12

Tgt Ion: 117 Resp: 523878

Ion Ratio Lower Upper

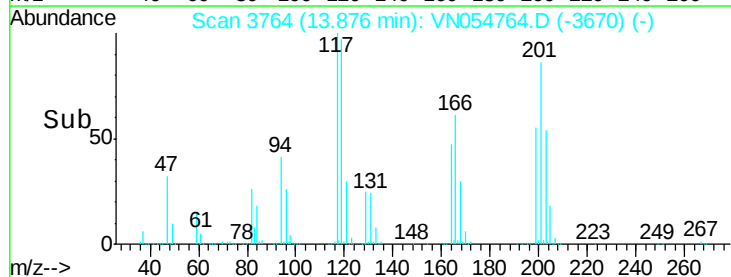
117 100

201 85.0 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054764.D (-3763) (-)

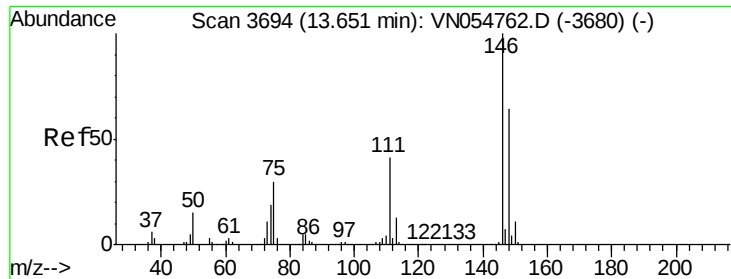
Ion 200.70 (200.40 to 201.40): VN054764.D (-3763) (-)



Abundance Ion 116.80 (116.50 to 117.50): VN054764.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN054764.D (-3763) (-)

Time--> 13.80 13.85 13.90 13.95



#91

1,2-Dichlorobenzene

Concen: 132.30 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

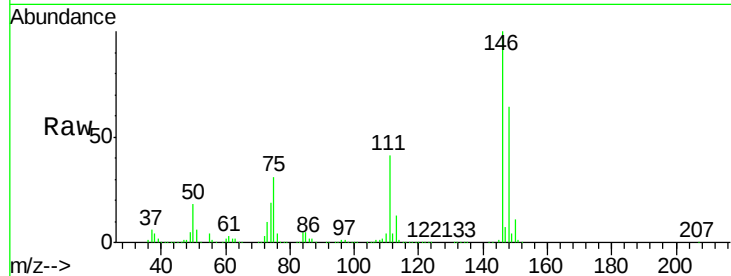
Tot Ion:146 Resp: 1443375

Ion Ratio Lower Upper

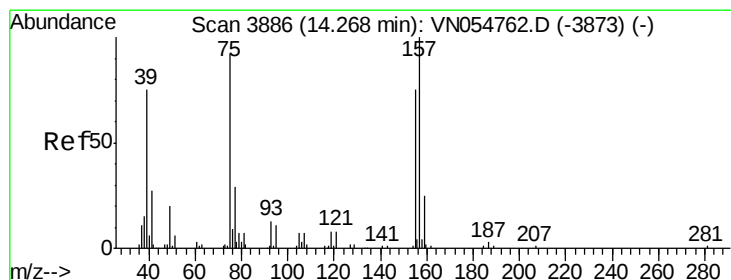
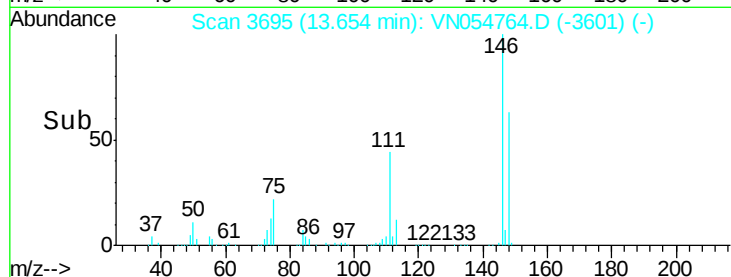
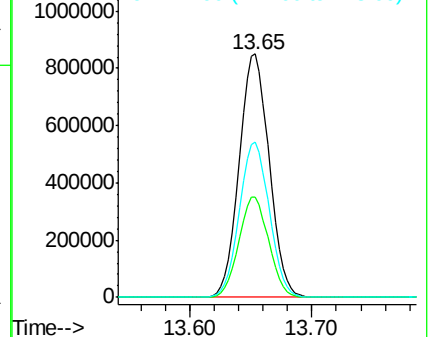
146 100

111 41.2 19.1 57.3

148 63.7 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 150.59 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

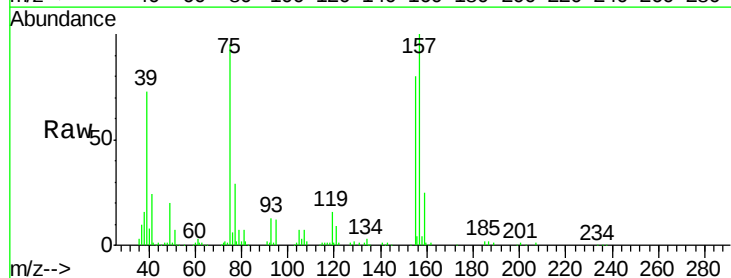
Tgt Ion: 75 Resp: 137726

Ion Ratio Lower Upper

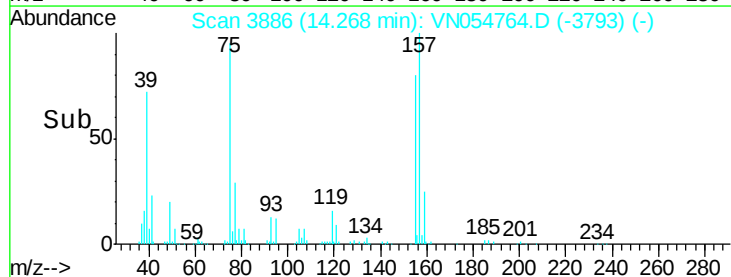
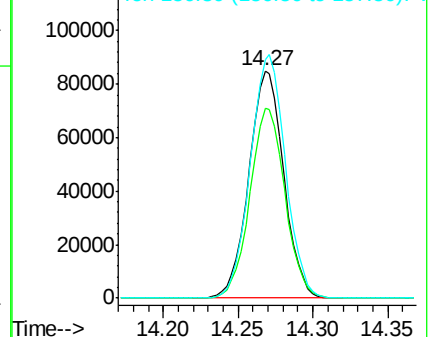
75 100

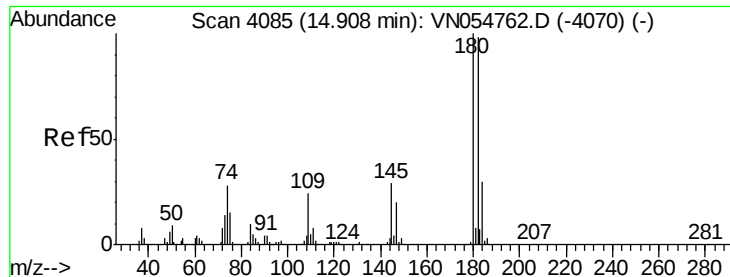
155 83.7 50.1 150.3

157 107.9 63.1 189.3



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: 163.81 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

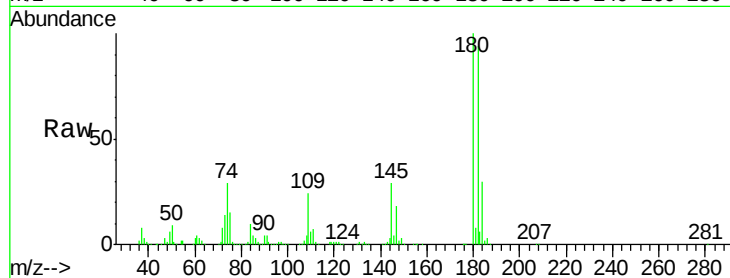
Tot Ion:180 Resp: 861556

Ion Ratio Lower Upper

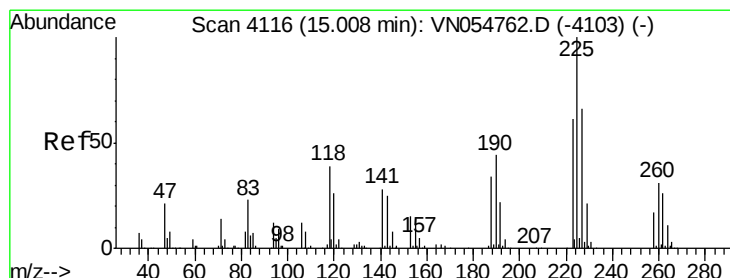
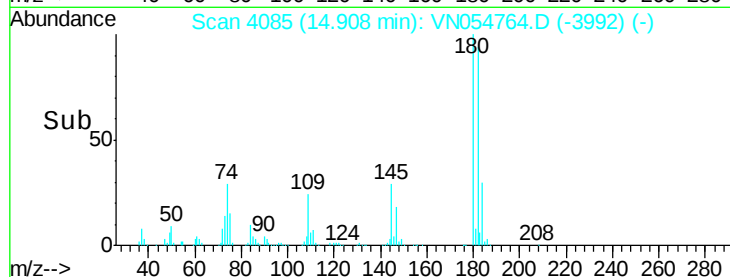
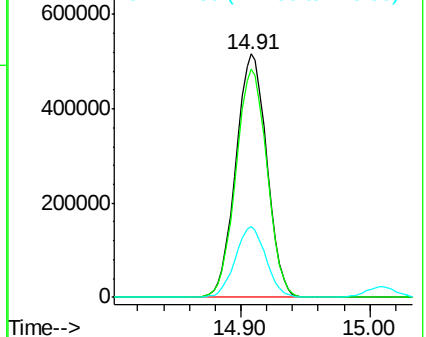
180 100

182 94.0 48.0 144.2

145 28.8 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 148.95 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

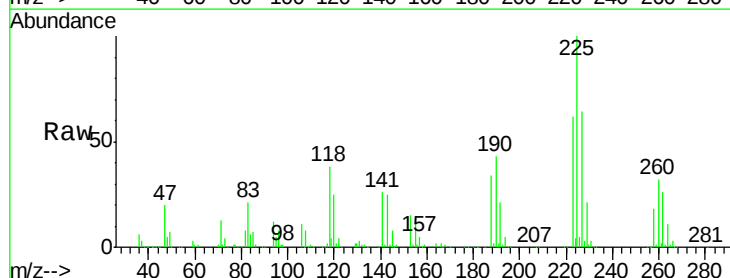
Tgt Ion:225 Resp: 450987

Ion Ratio Lower Upper

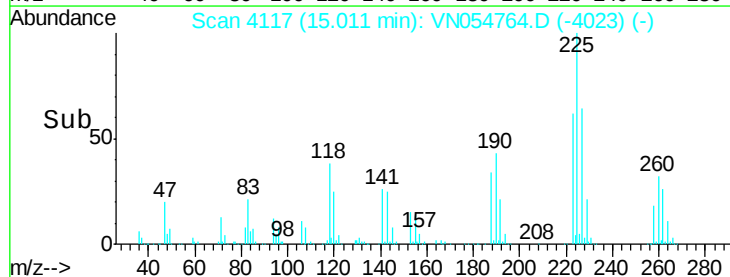
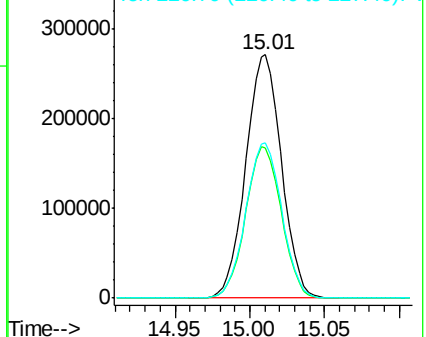
225 100

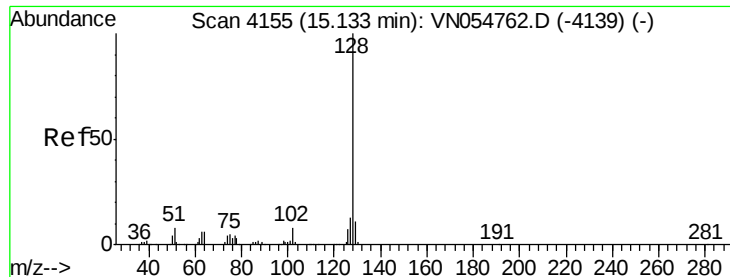
223 62.1 31.1 93.5

227 64.3 31.9 95.9



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





#95

Naphthalene

Concen: 166.76 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

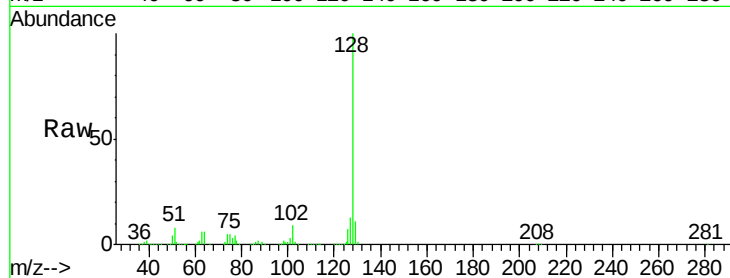
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1967193

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.8	8.7	13.1

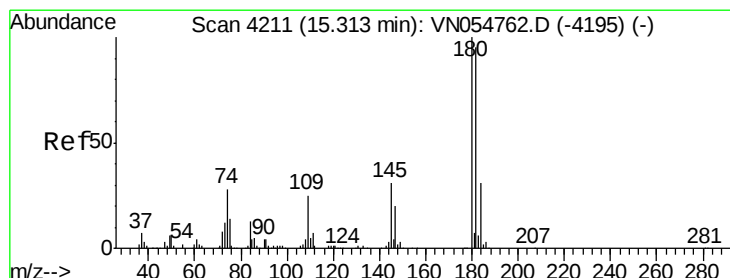
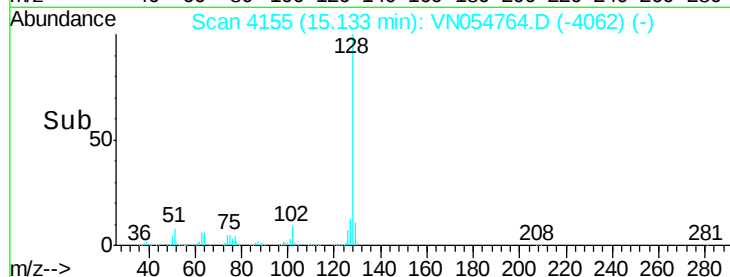
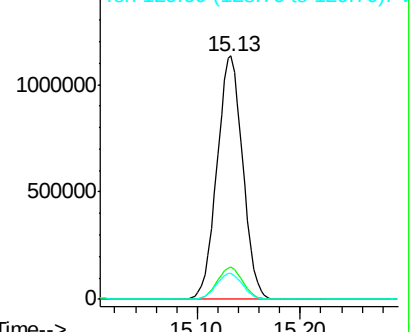


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 153.35 ug/l

RT: 15.31 min Scan# 4211

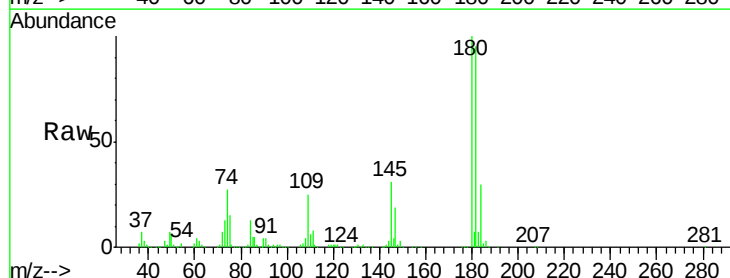
Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion:180 Resp: 814575

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	31.4	14.8	44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

