

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050322.D
 Acq On : 3 Aug 2018 19:07
 Operator : MD\SY
 Sample : PB111719ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#07

Quant Time: Aug 03 23:29:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	676326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1142135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	972880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	395934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	486734	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	425283	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	10.09	98	1543741	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
62) 4-Bromofluorobenzene	12.40	95	443873	39.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.64%	

Target Compounds

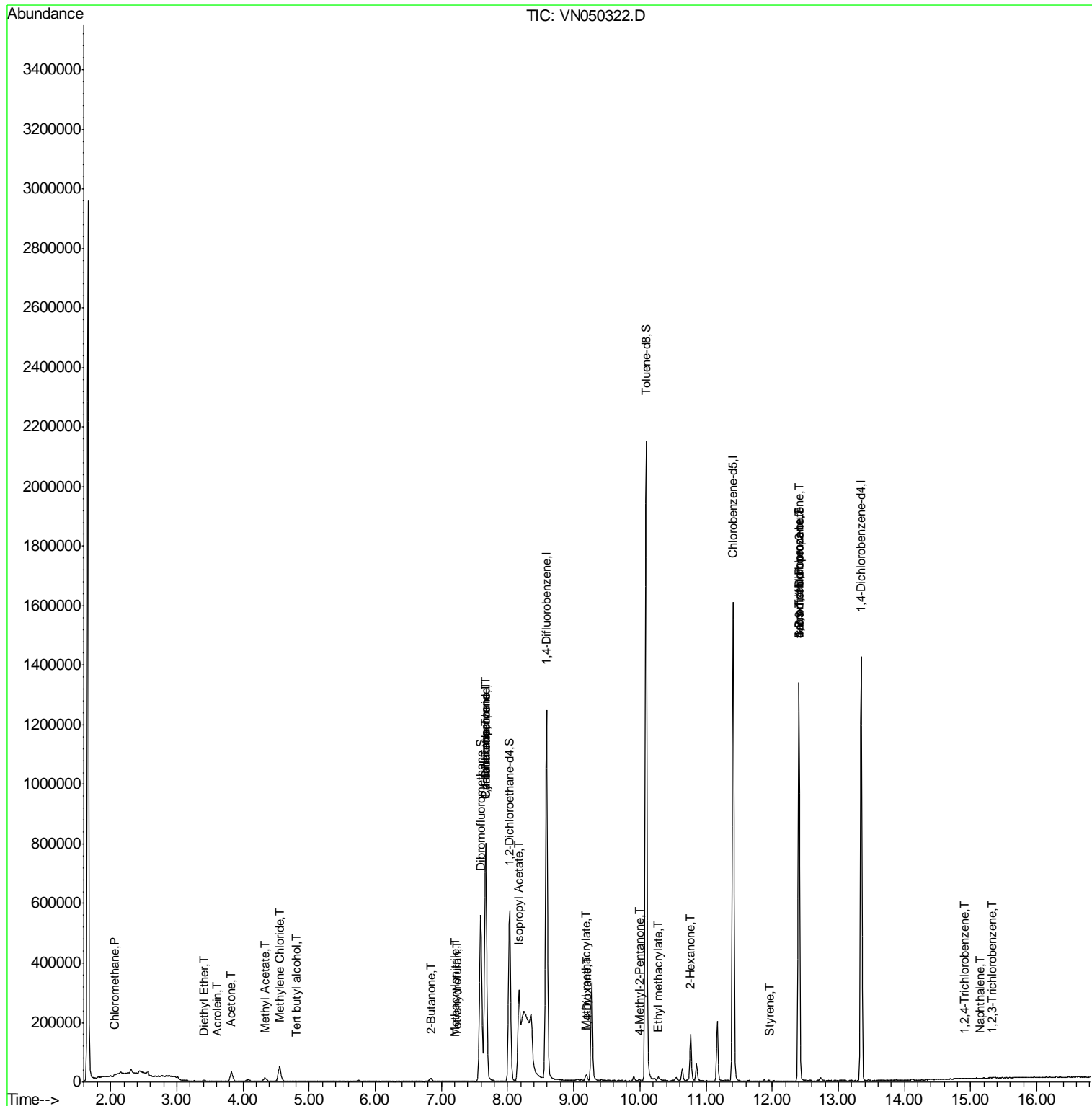
						Qvalue
3) Chloromethane	2.06	50	3966	0.38	ug/l	90
5) Bromomethane	2.56	94	4619	Below	Cal	97
8) Diethyl Ether	3.41	74	1464	0.30	ug/l	89
11) Tert butyl alcohol	4.81	59	141	0.20	ug/l #	72
13) Acrolein	3.62	56	727	1.30	ug/l #	83
16) Acetone	3.82	43	53672	20.15	ug/l	97
18) Methyl Acetate	4.34	43	23558	1.13	ug/l	99
20) Methylene Chloride	4.55	84	36536	3.19	ug/l	97
25) 2-Butanone	6.84	43	4214	1.17	ug/l	91
29) Tetrahydrofuran	7.22	42	2143	0.92	ug/l #	59
31) Cyclohexane	7.67	56	12555	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	48955	3.80	ug/l #	48
38) Carbon Tetrachloride	7.67	117	62780	4.60	ug/l #	17
41) Methacrylonitrile	7.20	41	285	2.81	ug/l #	10
43) Isopropyl Acetate	8.17	43	378818	21.76	ug/l #	90
48) Methyl methacrylate	9.18	41	9569	1.24	ug/l #	23
49) 1,4-Dioxane	9.21	88	274	2.61	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2998	0.34	ug/l	94
56) Ethyl methacrylate	10.26	69	256	2.05	ug/l #	26
59) 2-Hexanone	10.77	43	21656	8.45	ug/l	63
70) Styrene	11.96	104	349	0.94	ug/l #	45
71) Bromoform	12.40	173	4110	0.60	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	318	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	214533	29.16	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	214533	92.48	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	280	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	94	3.10	ug/l #	38
95) Naphthalene	15.14	128	699	4.45	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	29	2.21	ug/l #	12

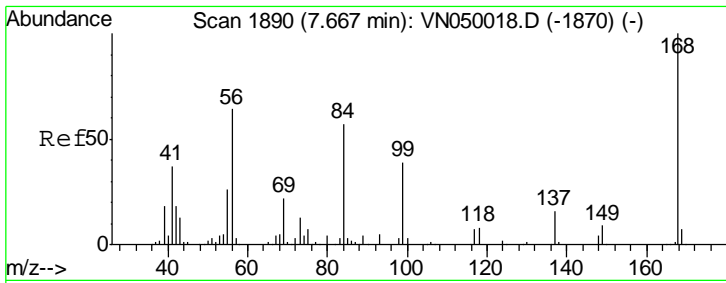
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050322.D
 Acq On : 3 Aug 2018 19:07
 Operator : MD\SY
 Sample : PB111719ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 PB111719ZHE#07

Quant Time: Aug 03 23:29:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

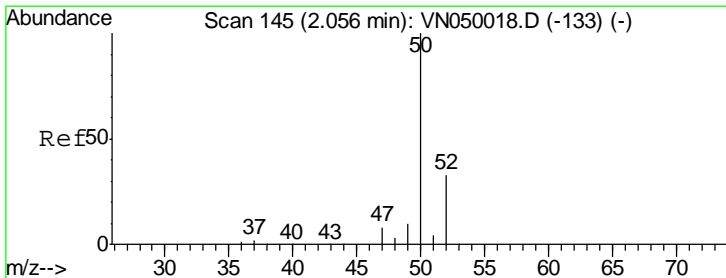
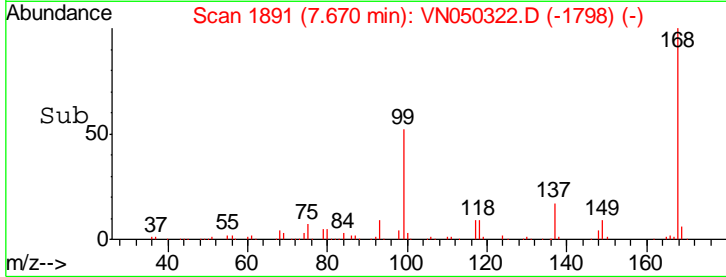
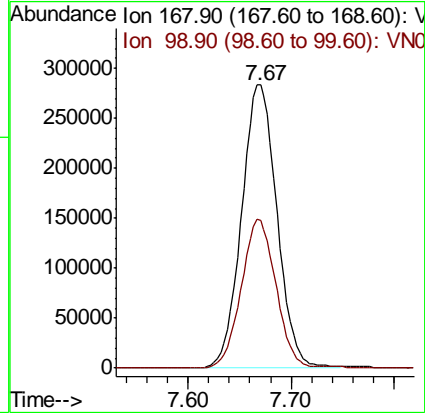
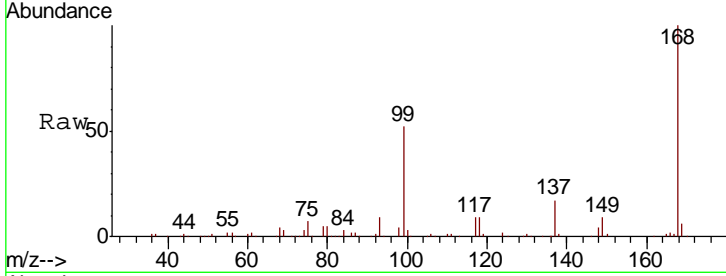




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

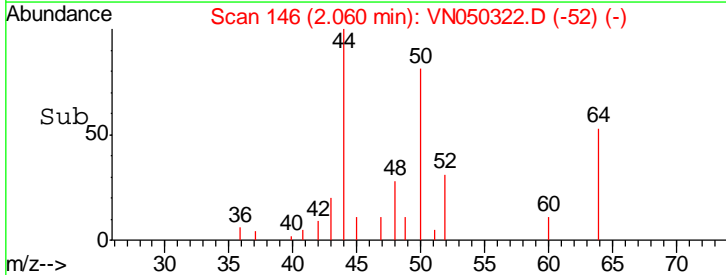
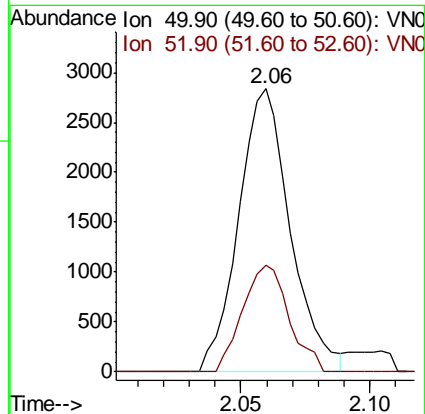
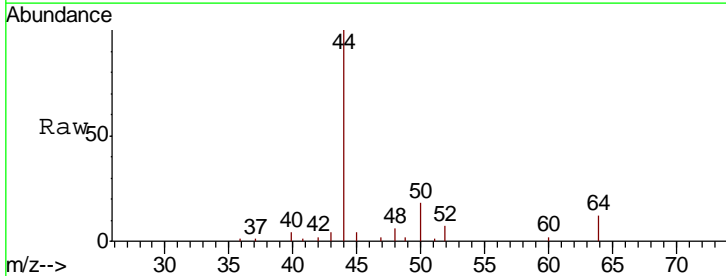
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

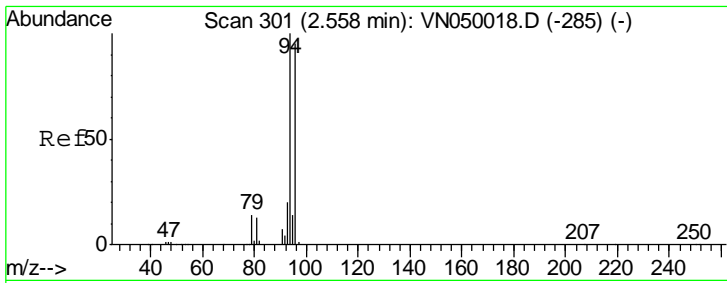
Tgt Ion: 168 Resp: 676326
 Ion Ratio Lower Upper
 168 100
 99 52.0 40.0 60.0



#3
 Chloromethane
 Concen: 0.38 ug/l
 RT: 2.06 min Scan# 146
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion: 50 Resp: 3966
 Ion Ratio Lower Upper
 50 100
 52 37.9 25.9 38.9

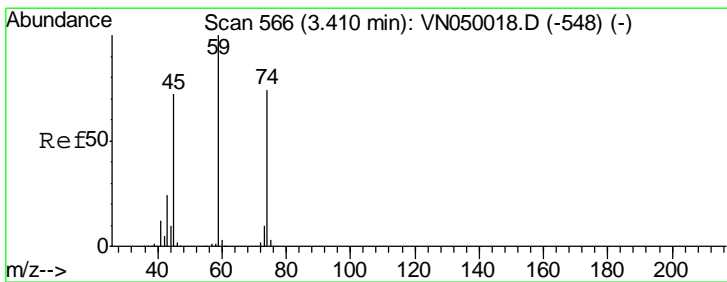
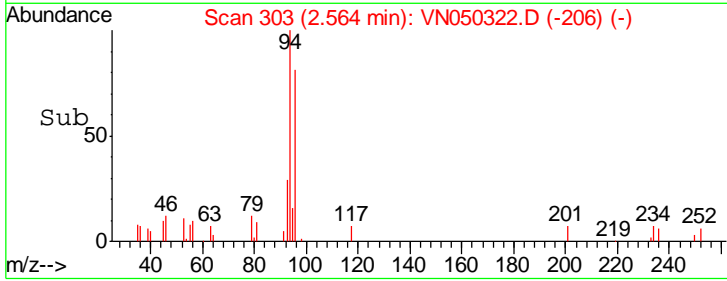
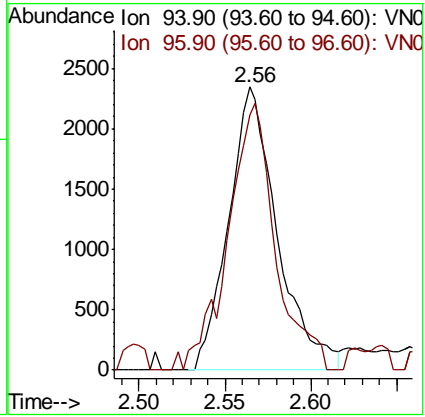
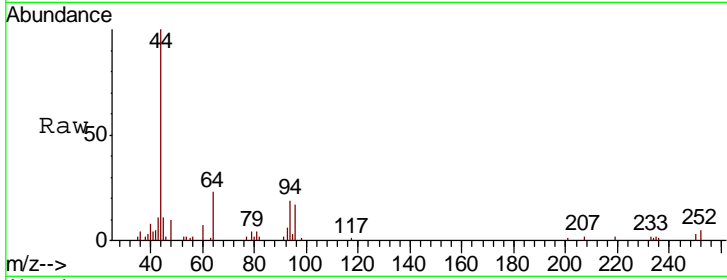




#5
 Bromomethane
 Concen: Below Cal
 RT: 2.56 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

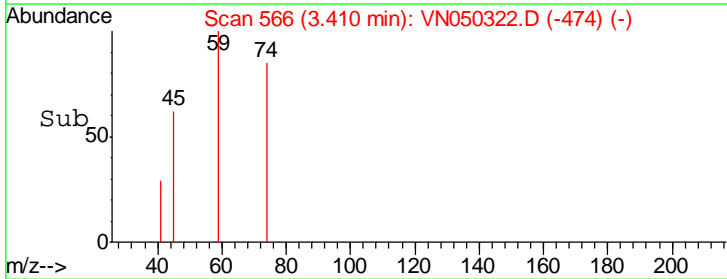
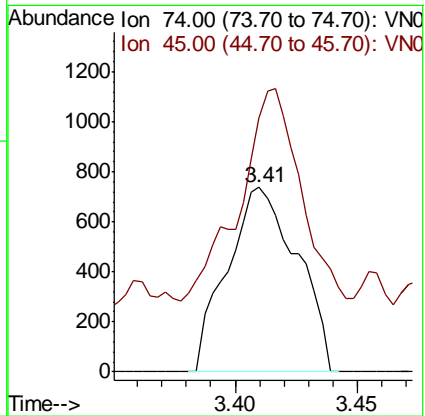
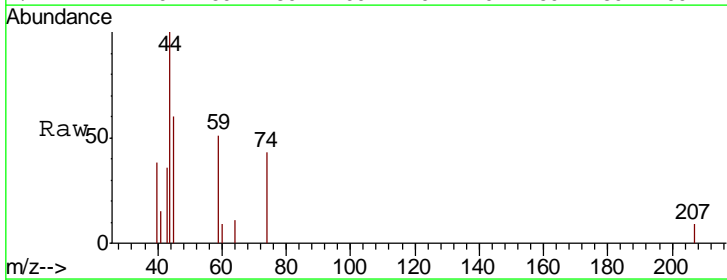
Instrument : MSVOA_N
 ClientSampleID : PB111719ZHE#07

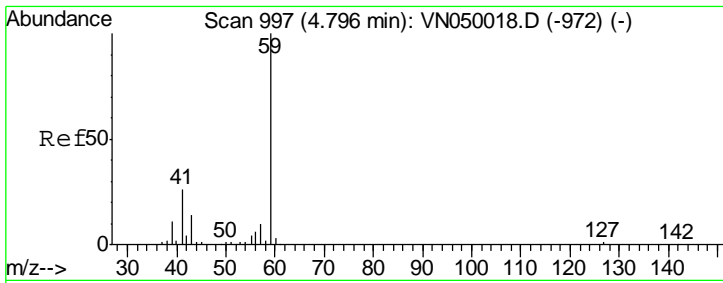
Tgt Ion: 94 Resp: 4619
 Ion Ratio Lower Upper
 94 100
 96 89.9 74.6 112.0



#8
 Diethyl Ether
 Concen: 0.30 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion: 74 Resp: 1464
 Ion Ratio Lower Upper
 74 100
 45 106.2 47.6 142.8

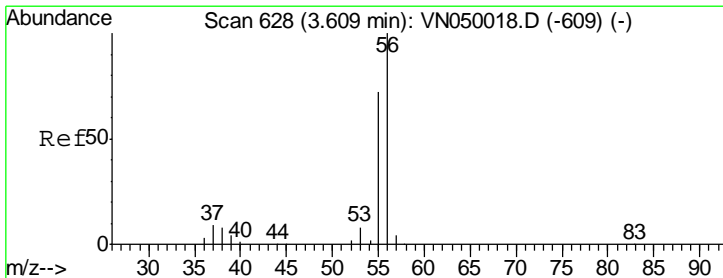
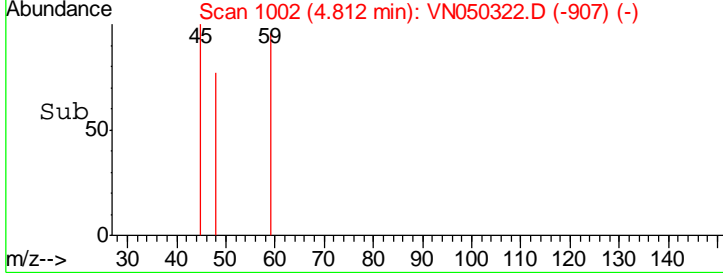
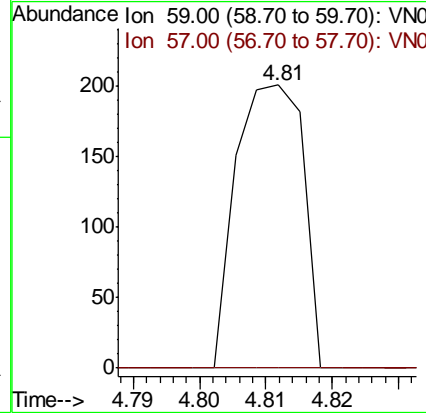
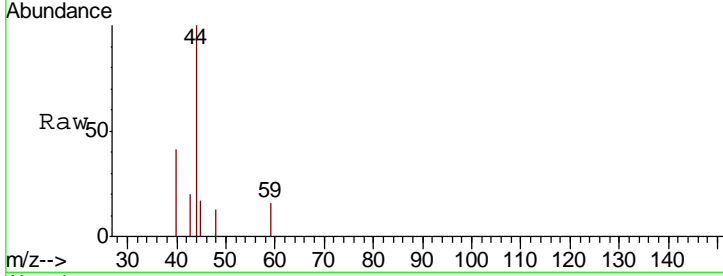




#11
 Tert butyl alcohol
 Concen: 0.20 ug/l
 RT: 4.81 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

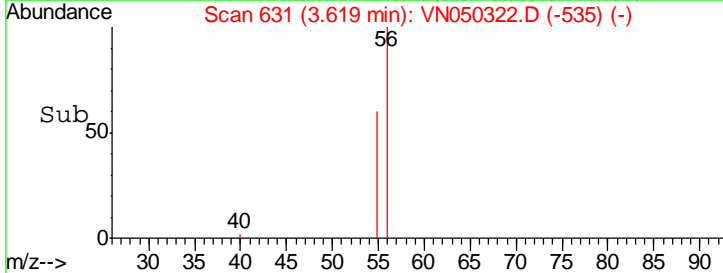
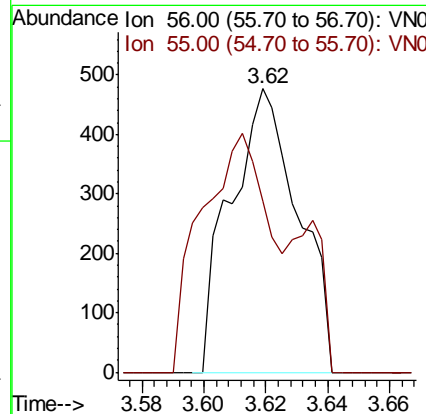
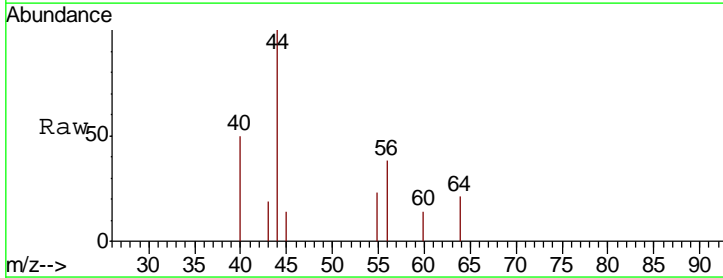
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

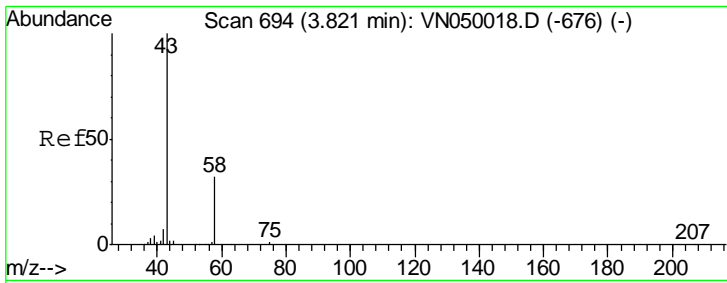
Tgt Ion	Resp	Lower	Upper
59	141		
57	0.0	8.5	12.7#



#13
 Acrolein
 Concen: 1.30 ug/l
 RT: 3.62 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
56	727		
55	83.9	55.8	83.6#



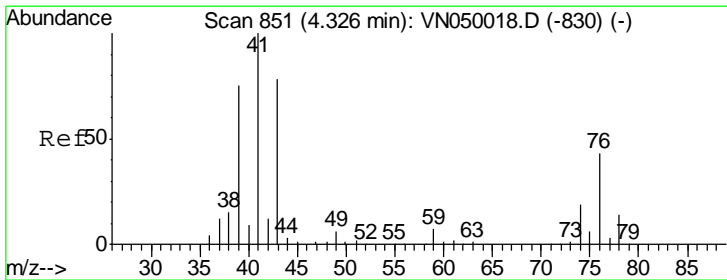
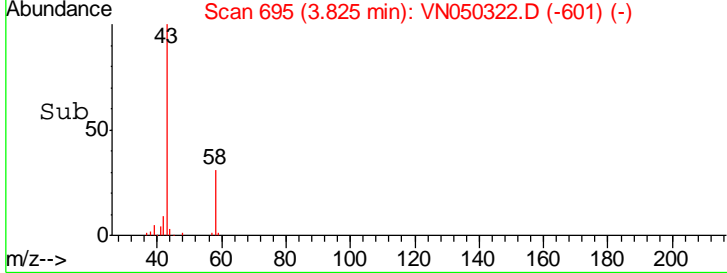
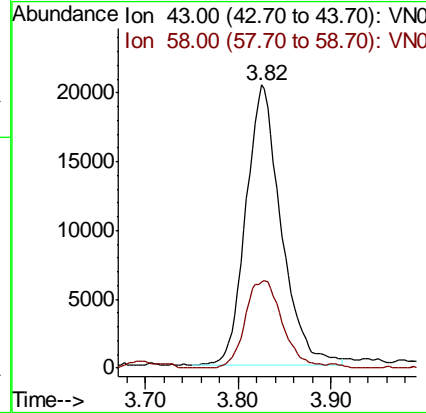
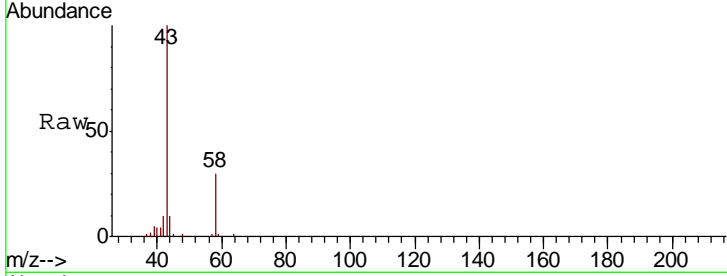


#16
 Acetone
 Concen: 20.15 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Instrument : MSVOA_N
 ClientSampleId : PB111719ZHE#07

Tgt Ion: 43 Resp: 53672

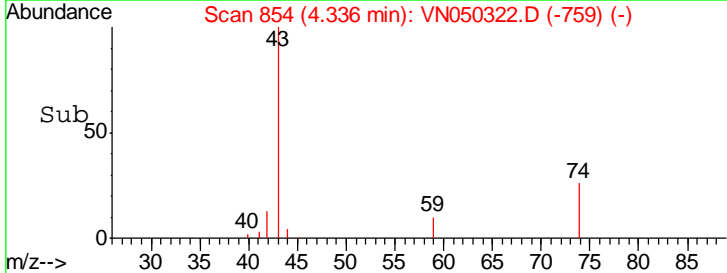
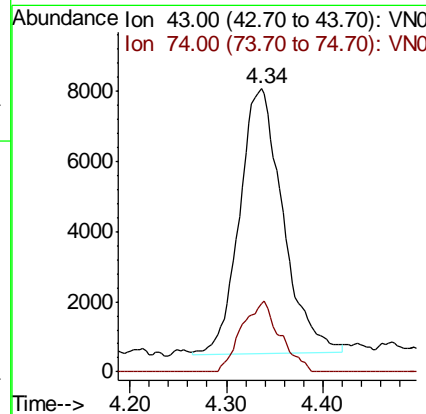
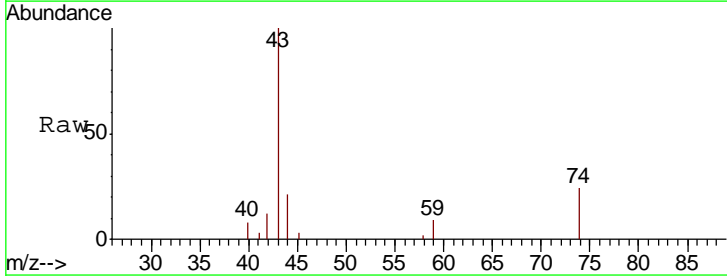
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.8	38.8

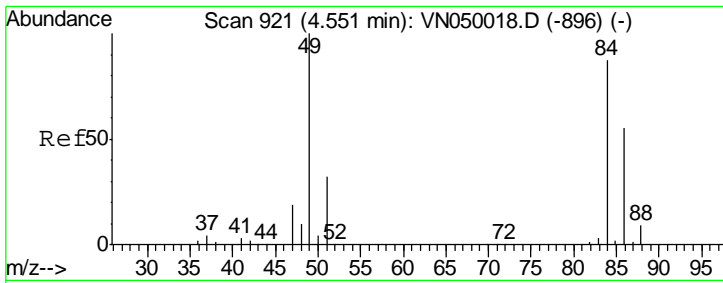


#18
 Methyl Acetate
 Concen: 1.13 ug/l
 RT: 4.34 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion: 43 Resp: 23558

Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.2	28.8

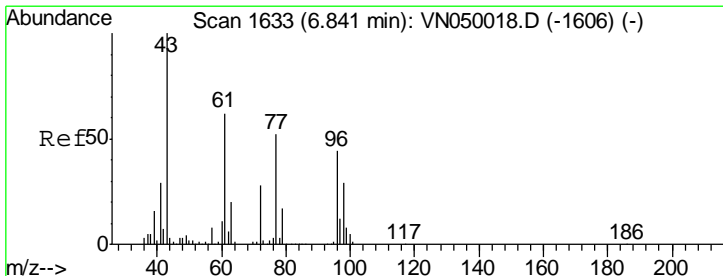
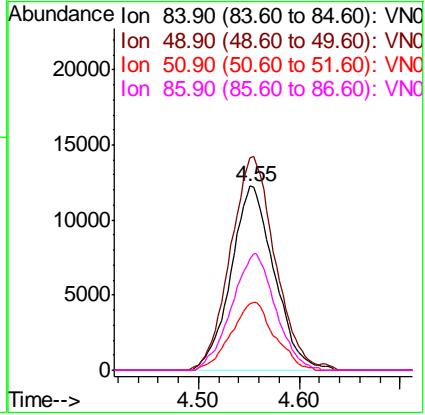
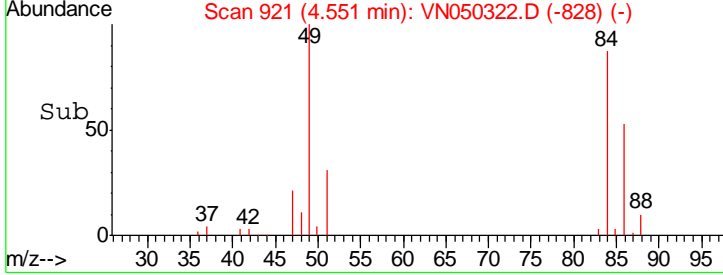
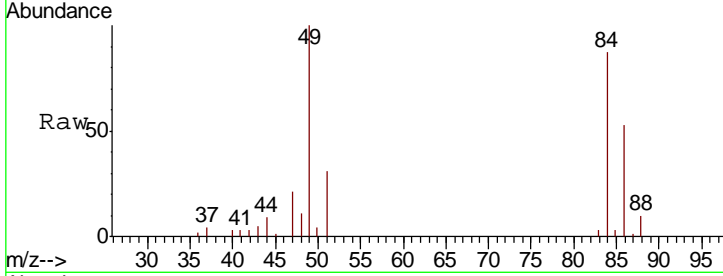




#20
 Methylene Chloride
 Concen: 3.19 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

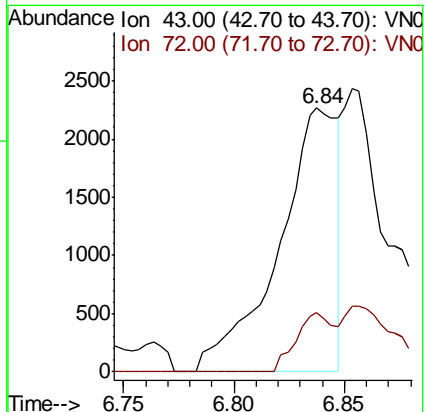
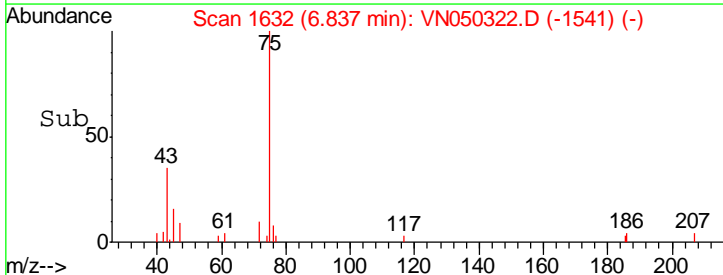
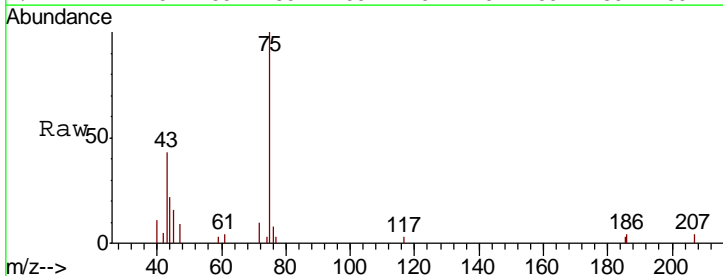
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

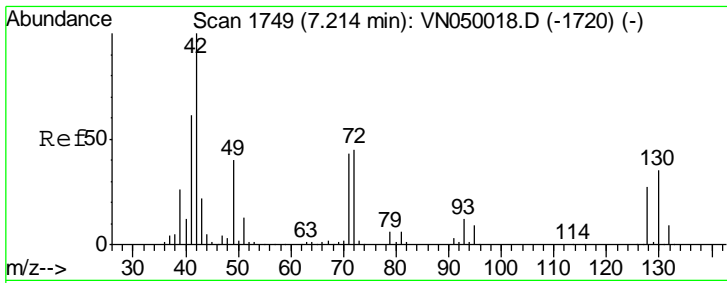
Tgt Ion	Resp	Lower	Upper
84	100		
49	115.4	94.8	142.2
51	36.2	28.3	42.5
86	60.9	51.0	76.6



#25
 2-Butanone
 Concen: 1.17 ug/l
 RT: 6.84 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
43	100		
72	22.3	21.5	32.3

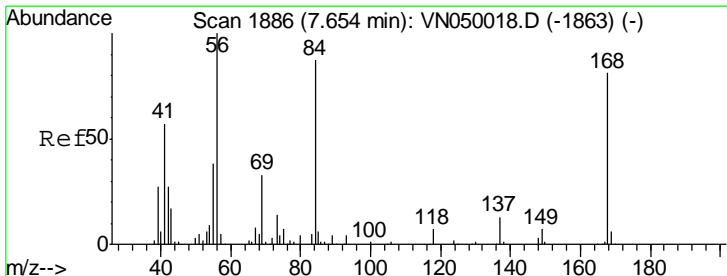
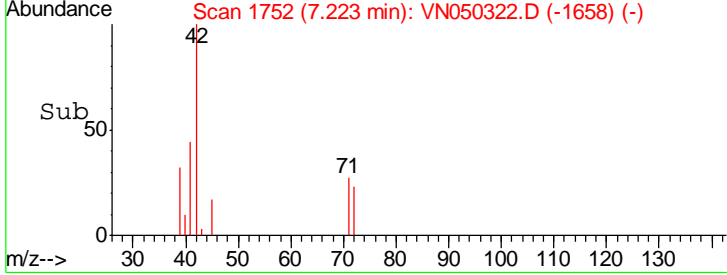
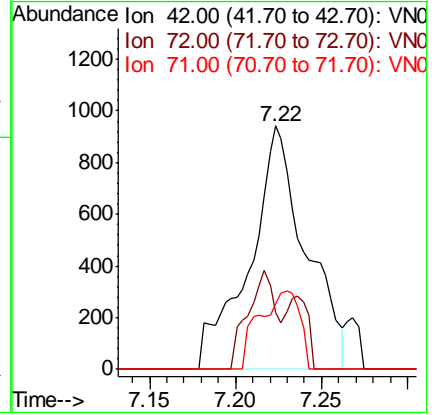
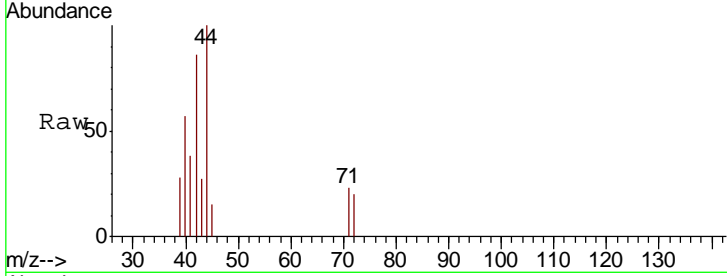




#29
 Tetrahydrofuran
 Concen: 0.92 ug/l
 RT: 7.22 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

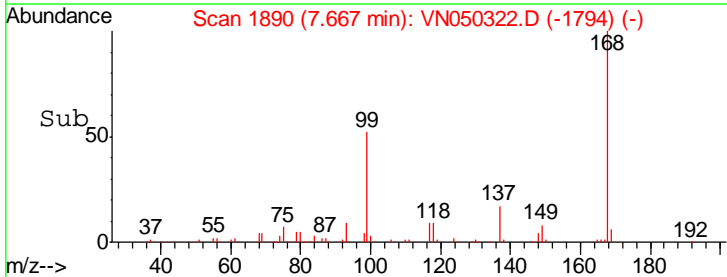
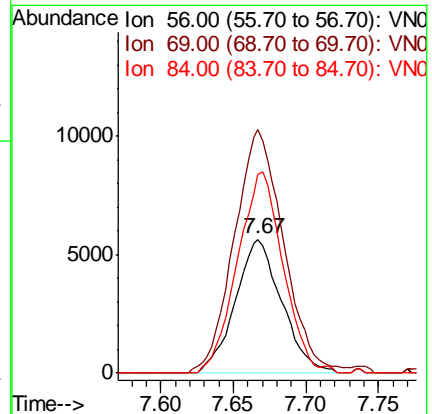
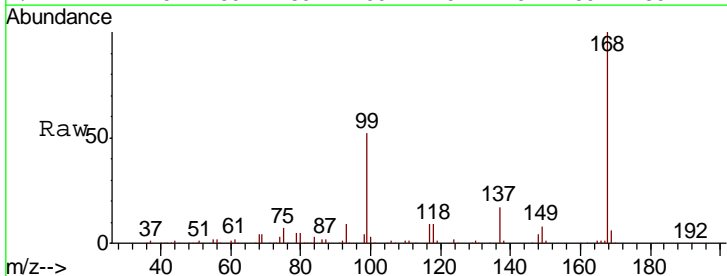
Instrument : MSVOA_N
 ClientSampleId : PB111719ZHE#07

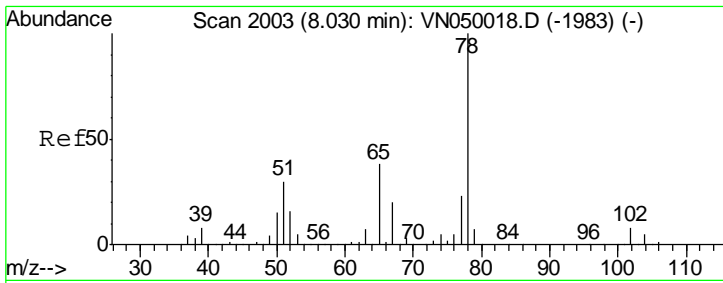
Tgt Ion	Resp	Lower	Upper
42	100		
72	11.3	35.9	53.9#
71	22.9	33.7	50.5#



#31
 Cyclohexane
 Concen: 0.90 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
56	100		
69	178.7	26.2	39.4#
84	149.1	67.4	101.0#

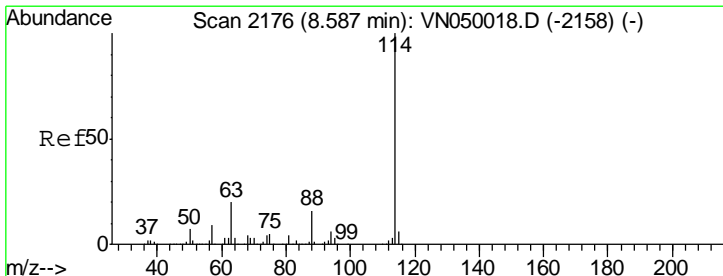
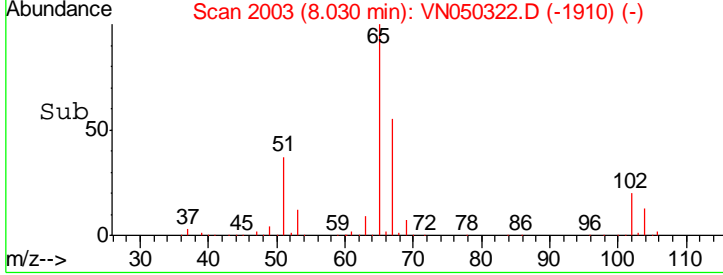
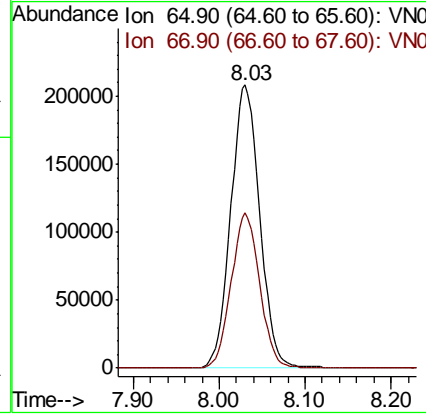
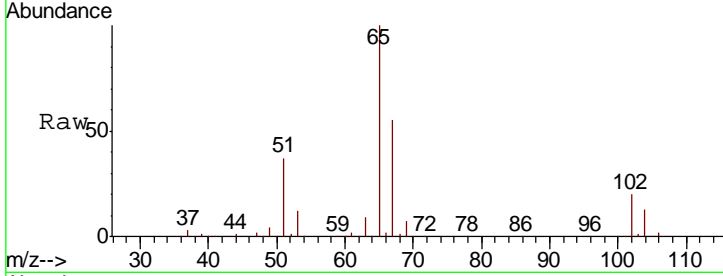




#33
 1,2-Dichloroethane-d4
 Concen: 51.58 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

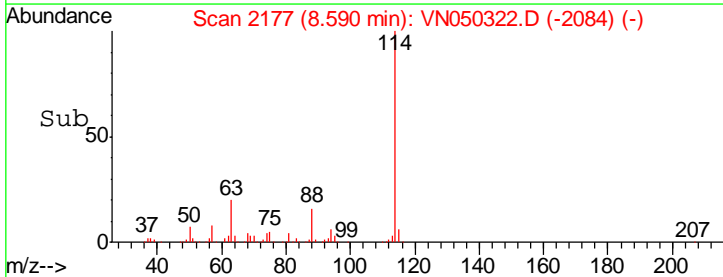
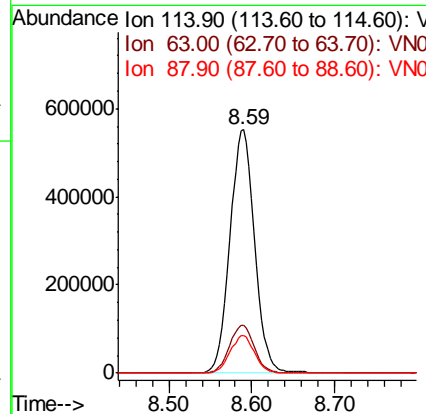
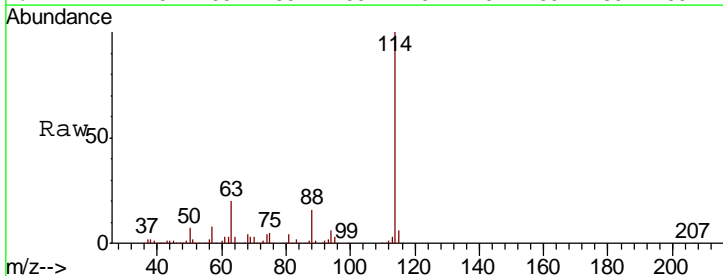
Instrument : MSVOA_N
 ClientSampleId : PB111719ZHE#07

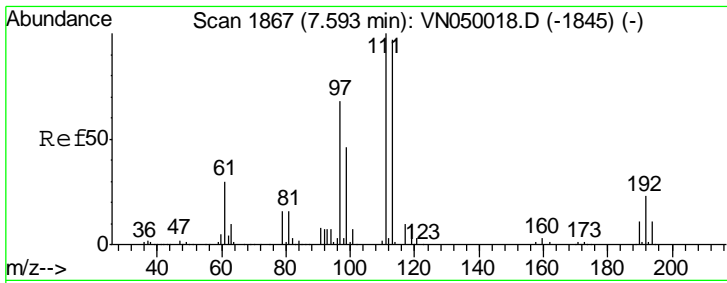
Tgt Ion	Resp	Lower	Upper
65	100		
67	53.9	0.0	108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.6	0.0	31.2

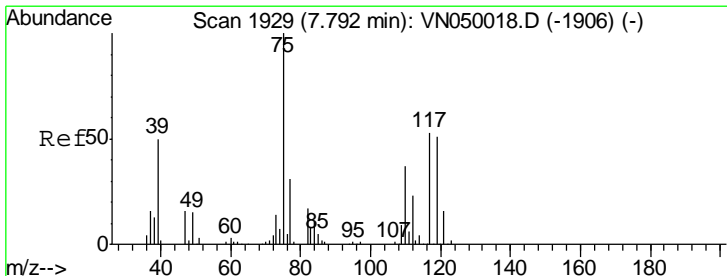
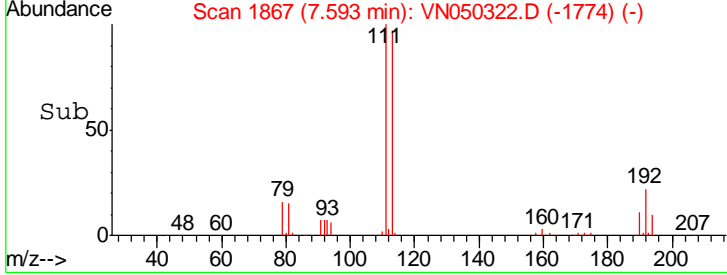
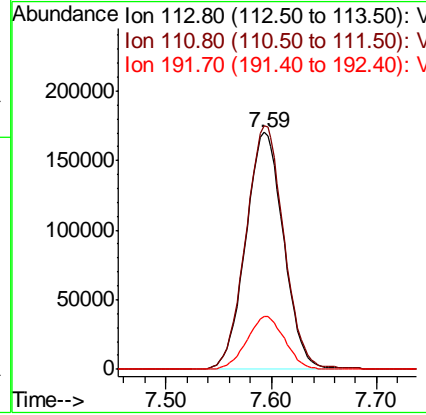
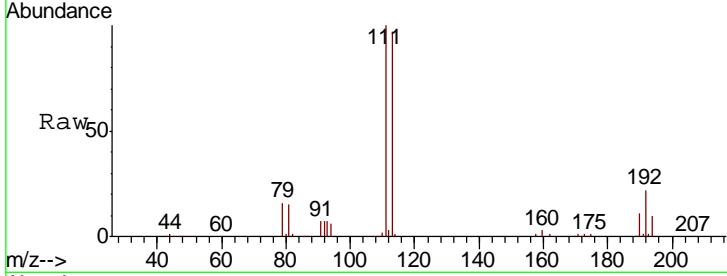




#35
 Dibromofluoromethane
 Concen: 45.61 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

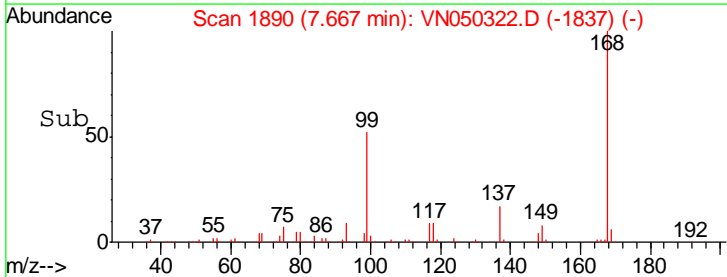
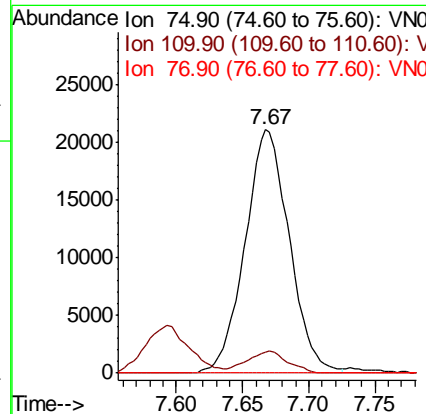
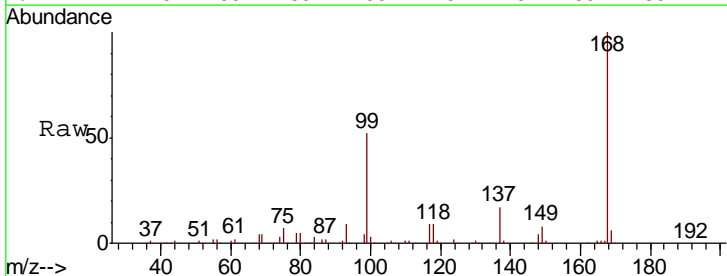
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

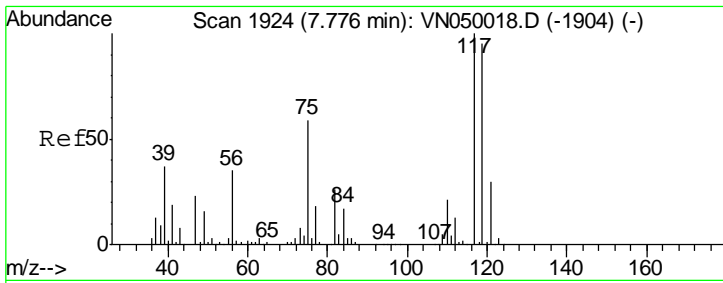
Tgt Ion	Resp	Lower	Upper
113	100		
111	103.4	80.7	121.1
192	22.4	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
75	100		
110	8.3	18.4	55.2#
77	0.0	25.3	37.9#

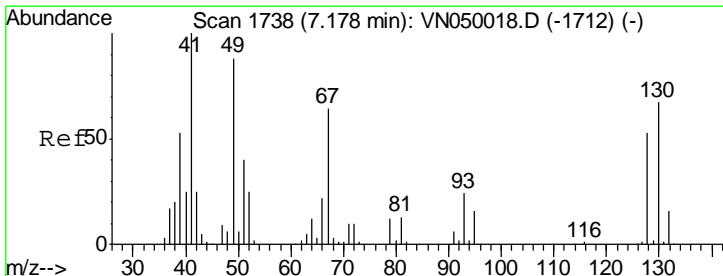
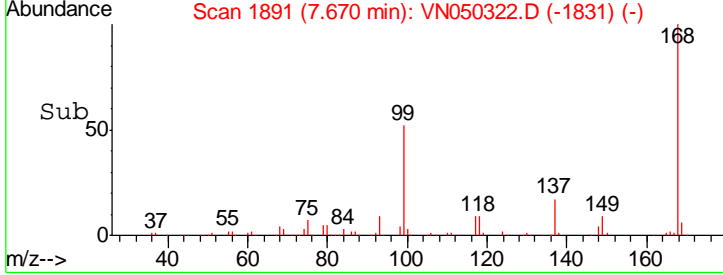
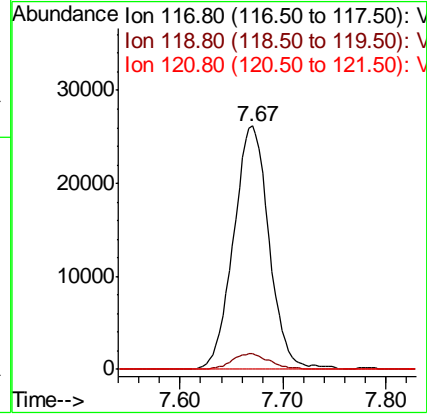
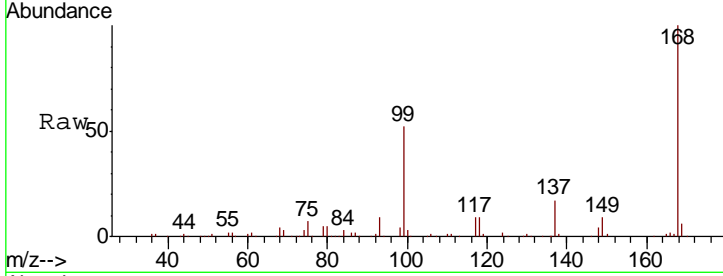




#38
 Carbon Tetrachloride
 Concen: 4.60 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

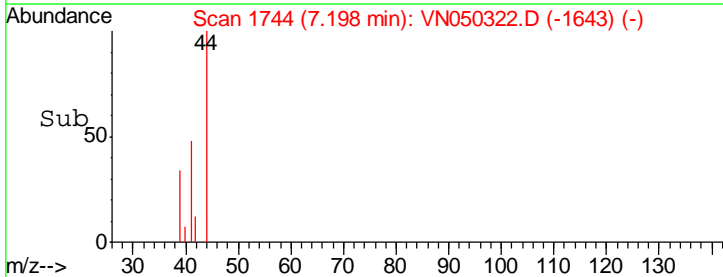
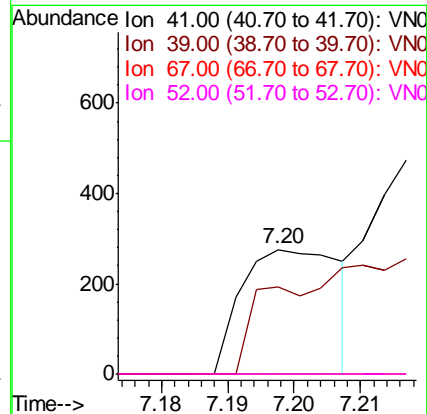
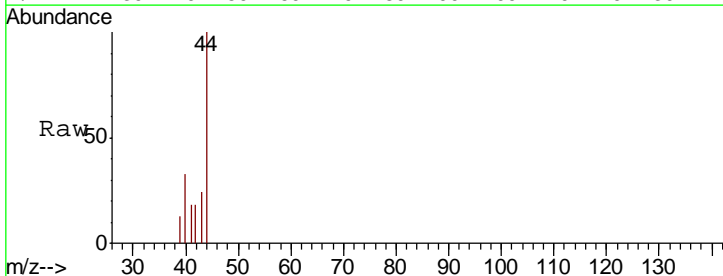
Instrument :
 MSVOA_N
 ClientSampled :
 PB111719ZHE#07

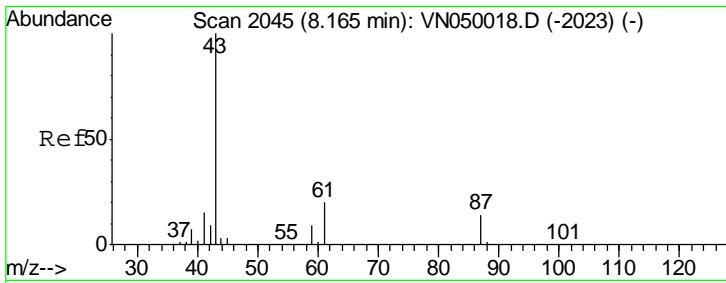
Tgt Ion	Resp	Lower	Upper
117	62780		
119	6.5	77.4	116.0#
121	0.0	23.9	35.9#



#41
 Methacrylonitrile
 Concen: 2.81 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.02 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
41	285		
39	0.0	55.8	83.6#
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#

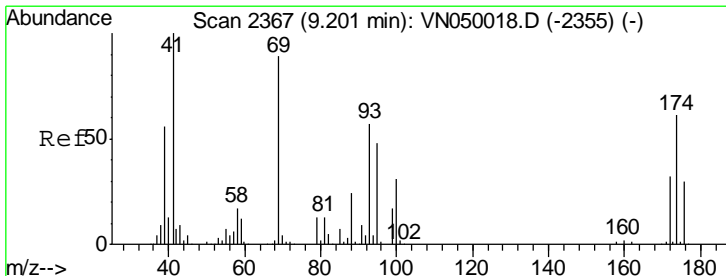
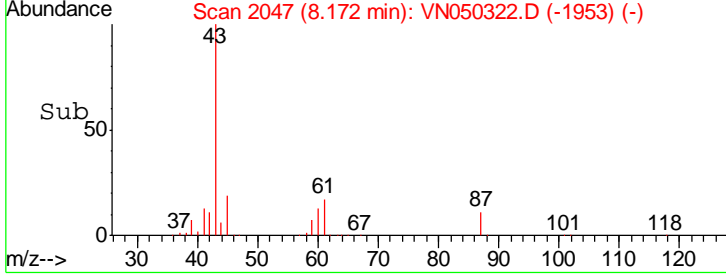
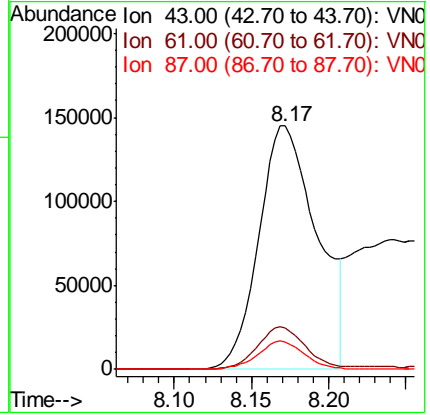
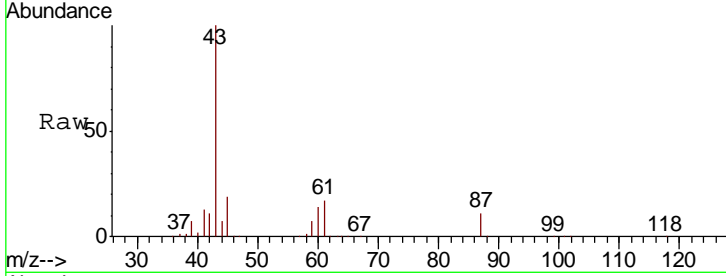




#43
 Isopropyl Acetate
 Concen: 21.76 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

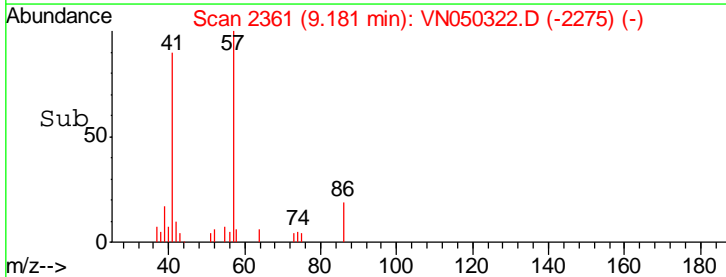
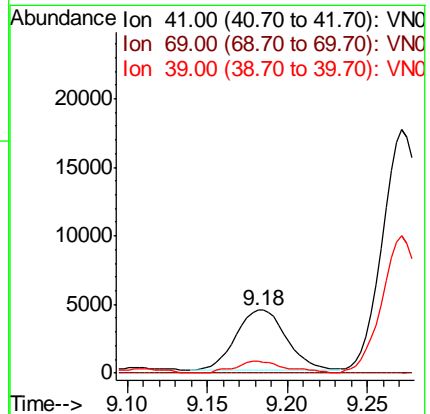
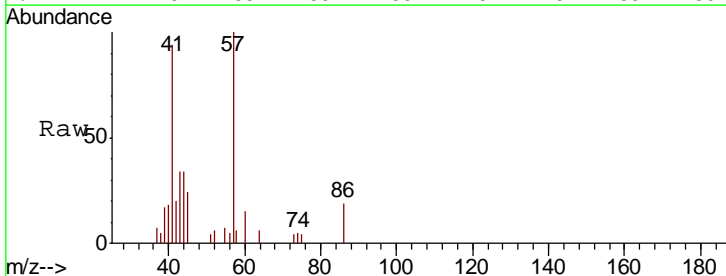
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

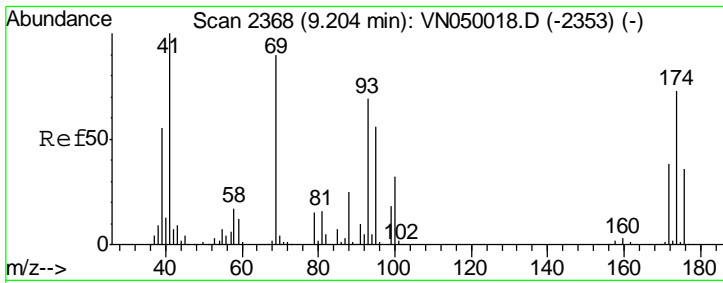
Tgt Ion	Resp	Lower	Upper
43	378818		
61	14.9	15.8	23.6#
87	9.5	10.3	15.5#



#48
 Methyl methacrylate
 Concen: 1.24 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
41	9569		
69	0.0	70.6	105.8#
39	19.7	43.9	65.9#

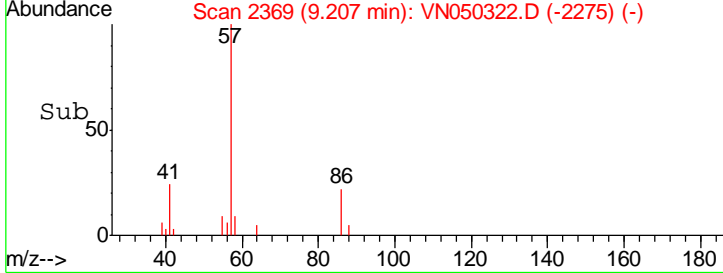
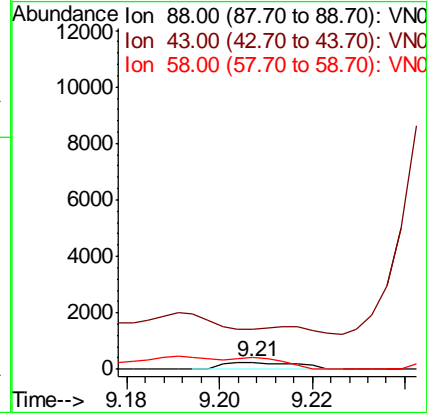
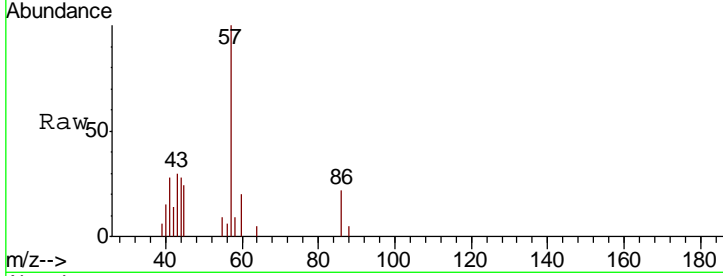




#49
 1,4-Dioxane
 Concen: 2.61 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

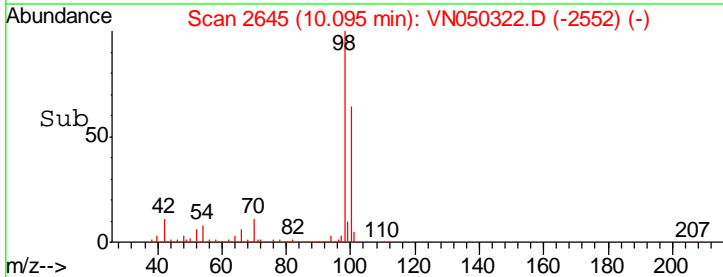
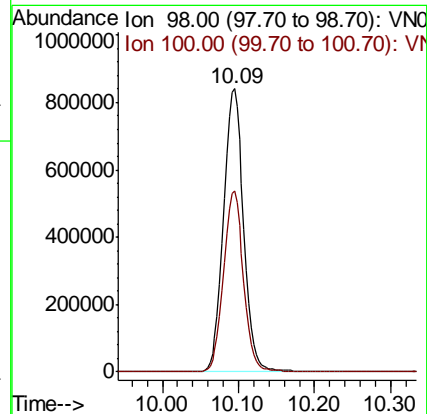
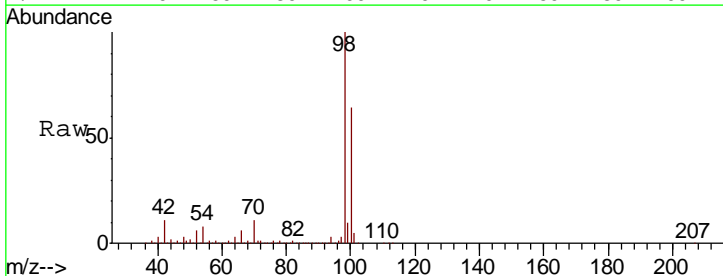
Instrument :
 MSVOA_N
ClientSampleId :
 PB111719ZHE#07

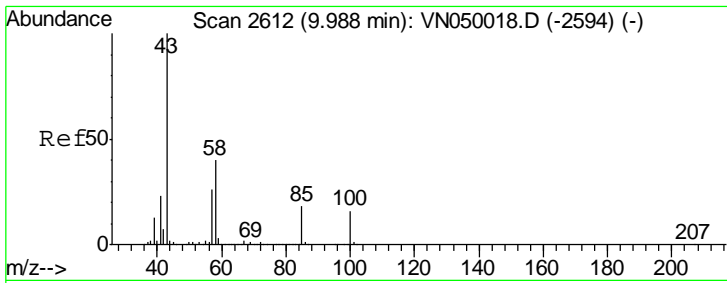
Tgt Ion	Resp	Lower	Upper
88	100		
43	0.0	26.9	40.3#
58	244.2	57.3	85.9#



#50
 Toluene-d8
 Concen: 45.03 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
98	100		
100	63.4	50.7	76.1

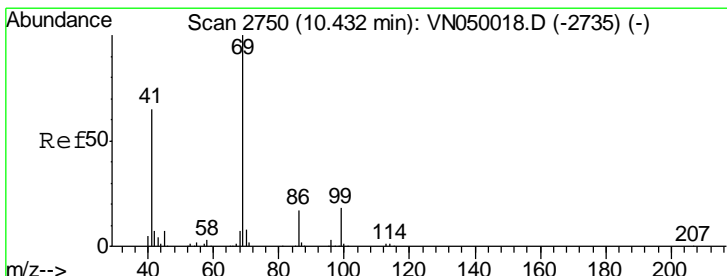
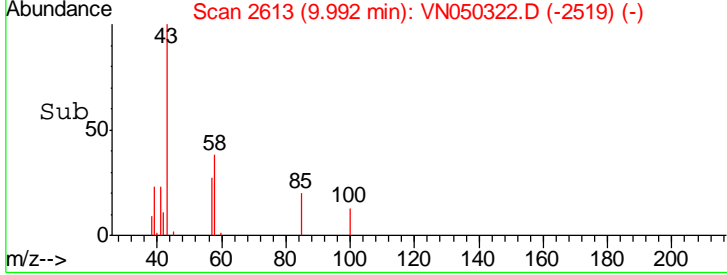
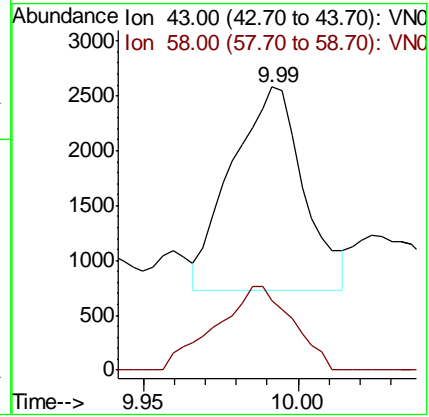
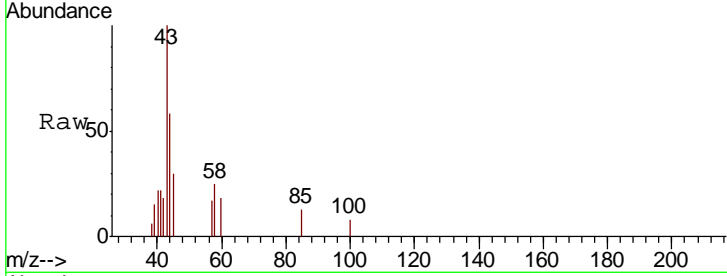




#51
 4-Methyl-2-Pentanone
 Concen: 0.34 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

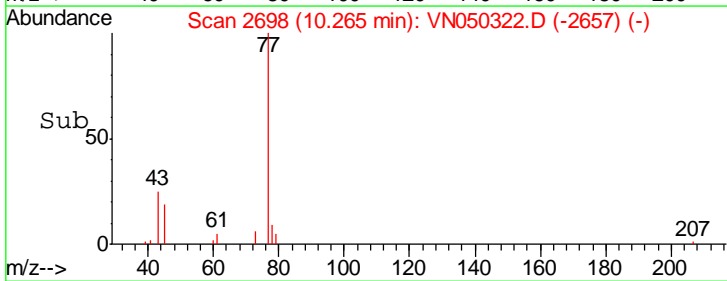
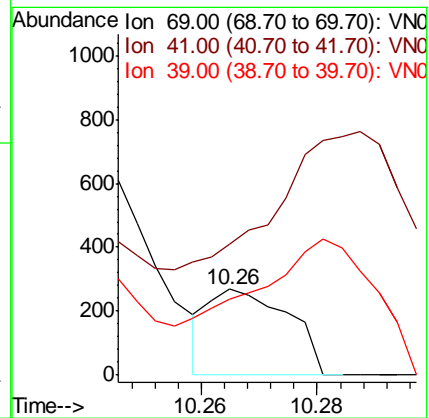
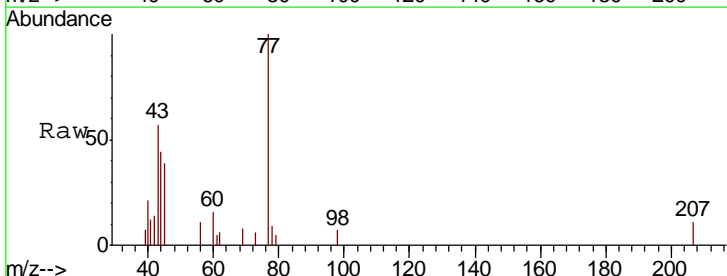
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

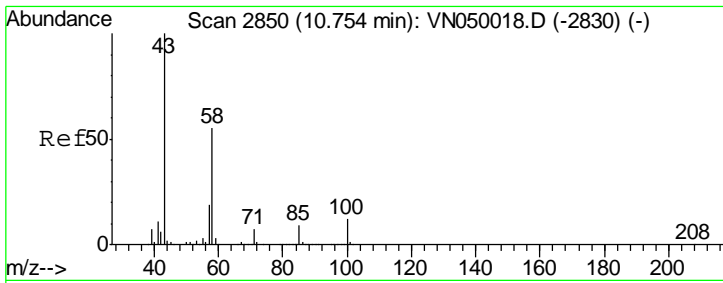
Tgt Ion	Resp	Lower	Upper
43	100		
58	43.7	31.9	47.9



#56
 Ethyl methacrylate
 Concen: 2.05 ug/l
 RT: 10.26 min Scan# 2698
 Delta R.T. -0.17 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
69	100		
41	0.0	51.0	76.4#
39	0.0	26.6	40.0#

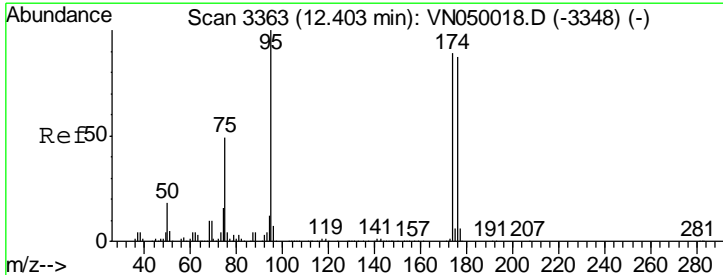
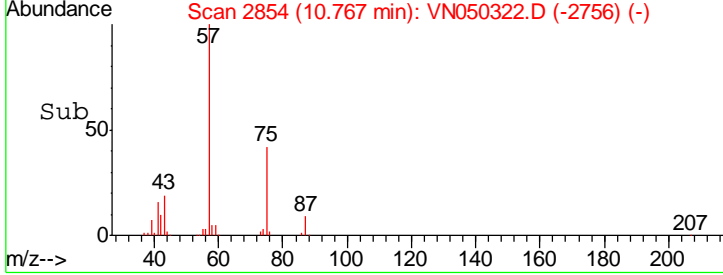
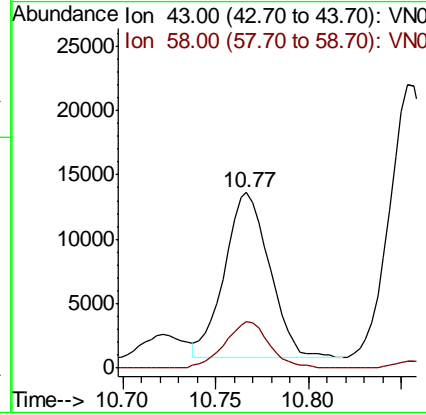
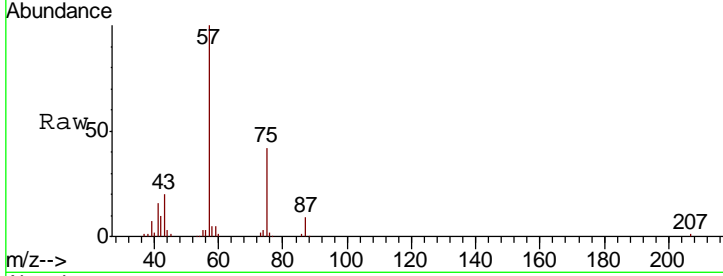




#59
 2-Hexanone
 Concen: 8.45 ug/l
 RT: 10.77 min Scan# 2854
 Delta R.T. 0.01 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

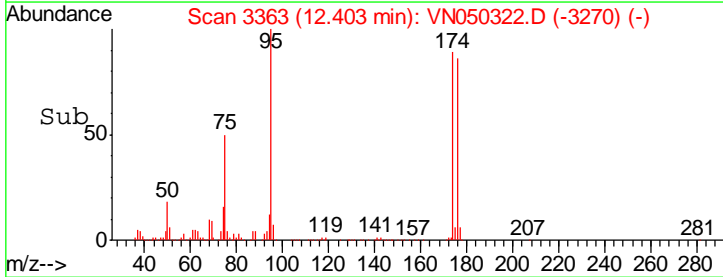
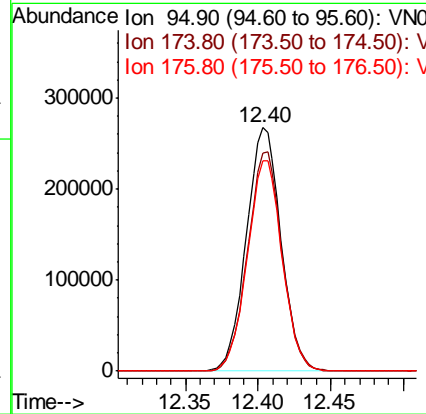
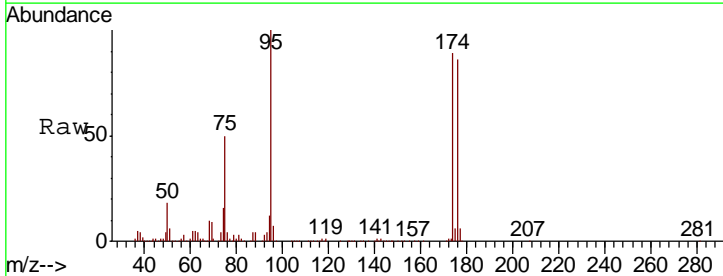
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

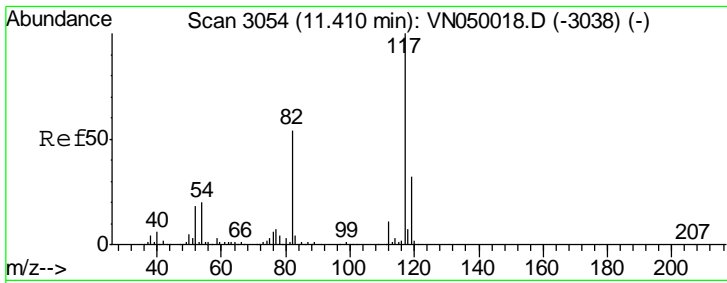
Tgt Ion	Resp	Lower	Upper
43	100		
58	28.0	27.6	82.7



#62
 4-Bromofluorobenzene
 Concen: 39.32 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
95	100		
174	90.0	0.0	178.2
176	86.9	0.0	173.4

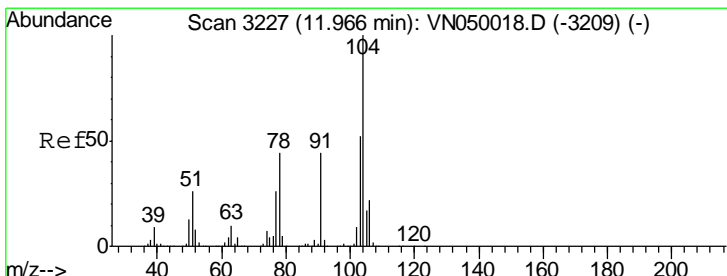
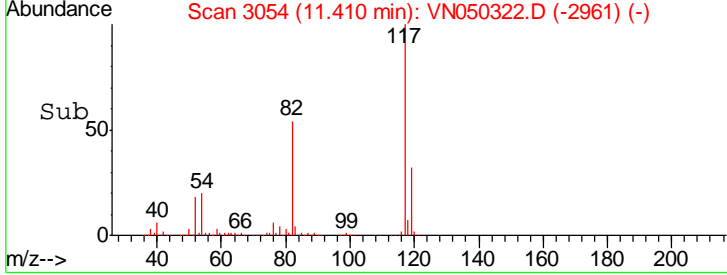
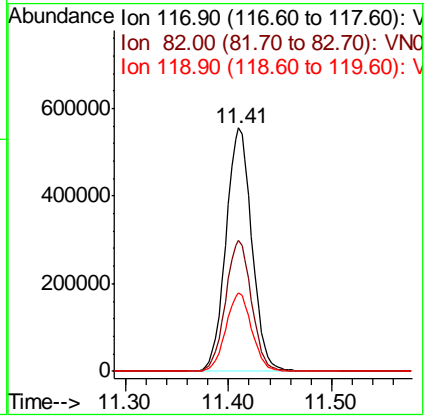
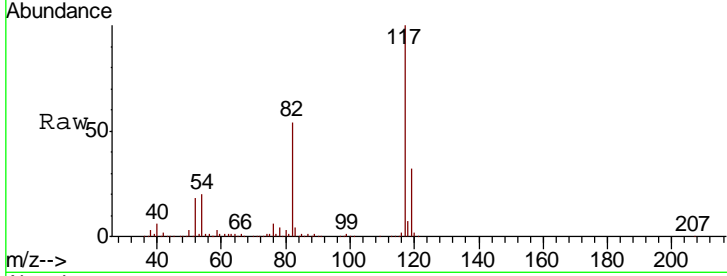




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

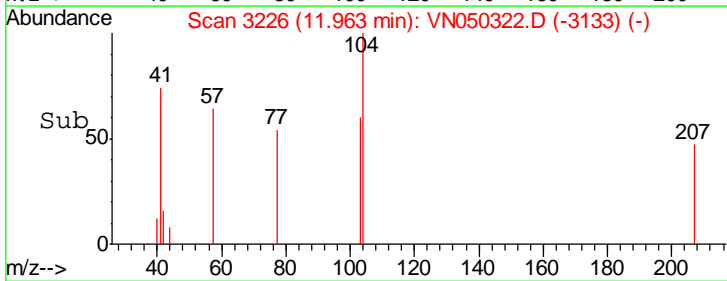
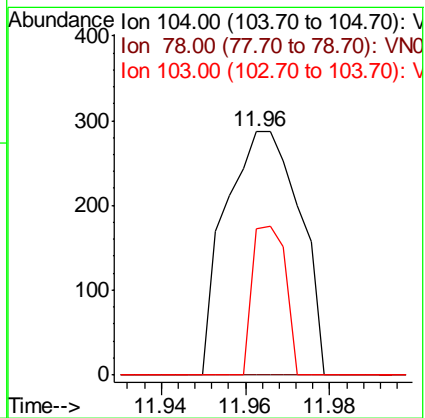
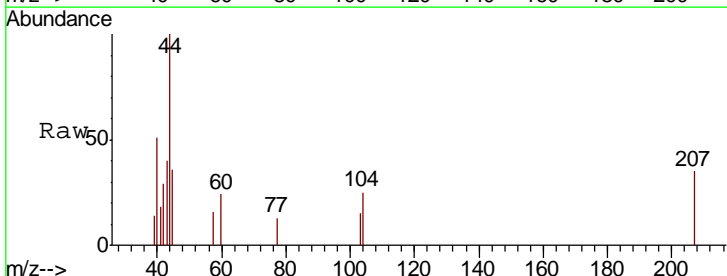
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

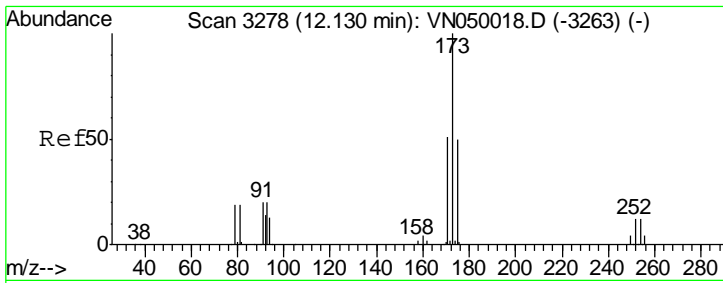
Tgt Ion	Resp	Lower	Upper
117	972880		
82	53.9	43.7	65.5
119	32.1	26.1	39.1



#70
 Styrene
 Concen: 0.94 ug/l
 RT: 11.96 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
104	349		
78	0.0	39.3	58.9#
103	27.5	45.0	67.6#

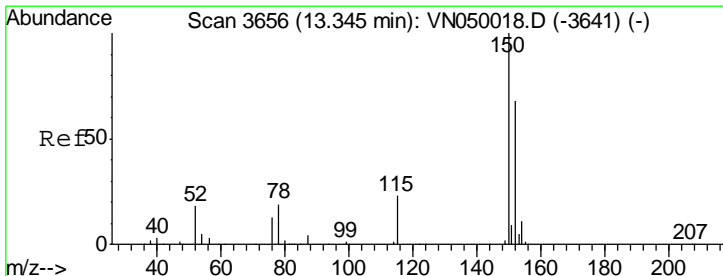
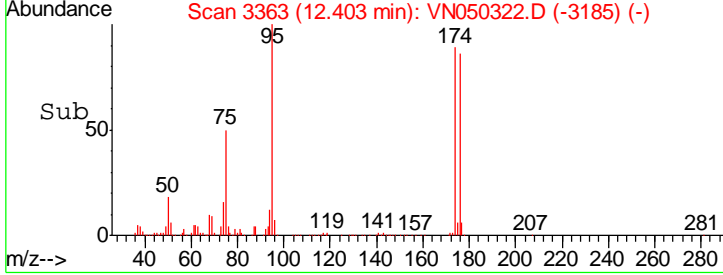
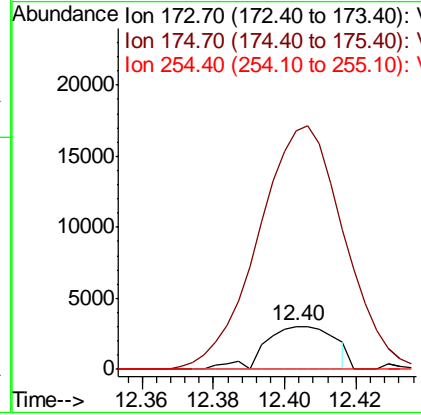
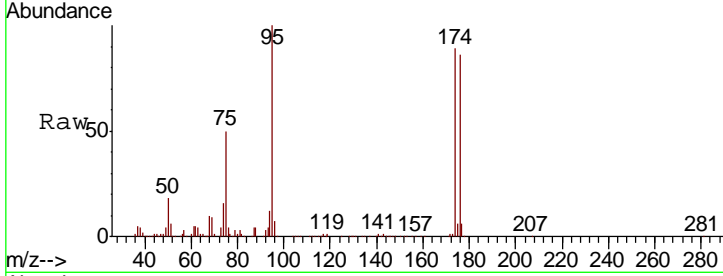




#71
 Bromoform
 Concen: 0.60 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.27 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

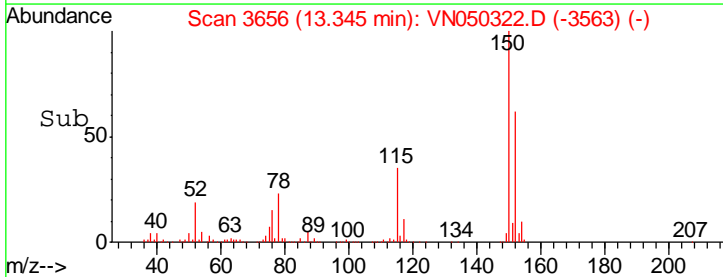
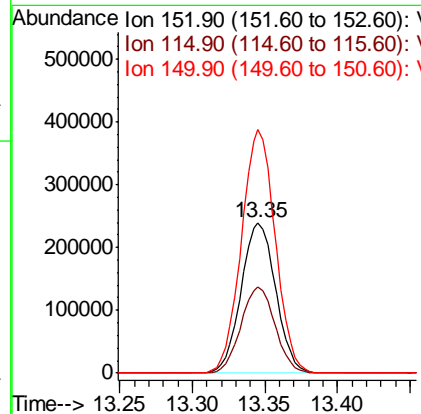
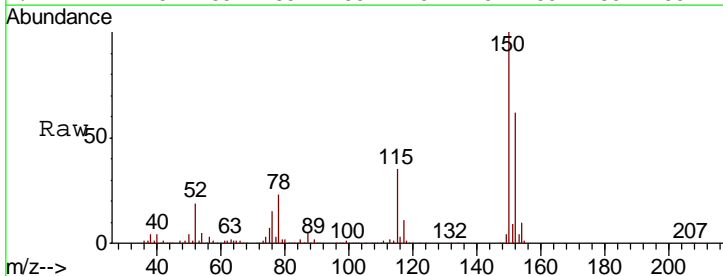
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

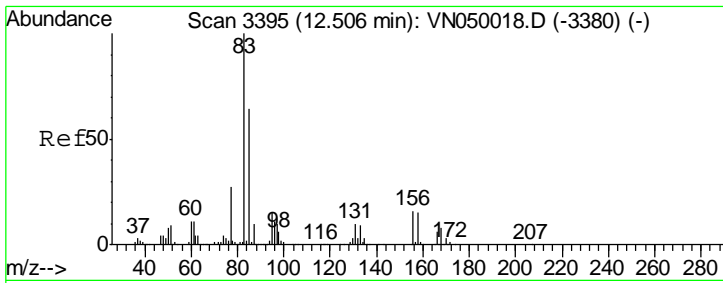
Tgt Ion	Resp	Lower	Upper
173	100		
175	613.0	24.1	72.2#
254	0.0	0.2	0.2#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
152	100		
115	56.6	27.8	83.3
150	158.6	0.0	348.6

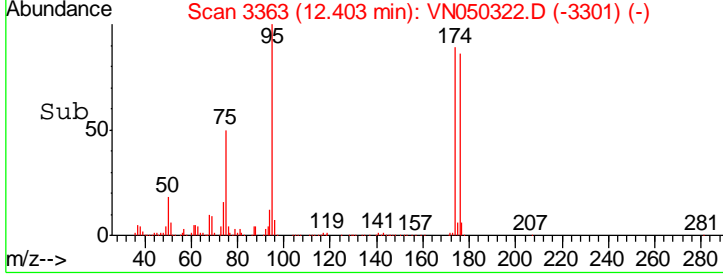
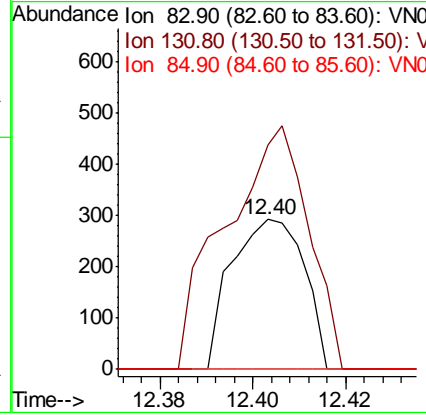
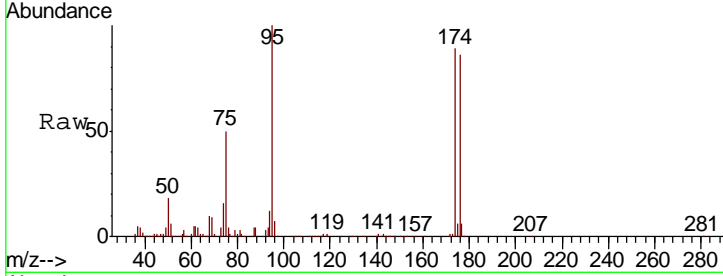




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.10 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

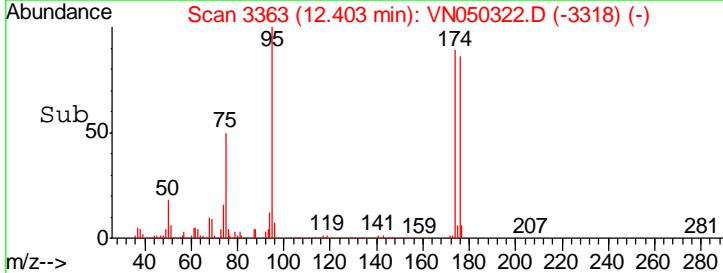
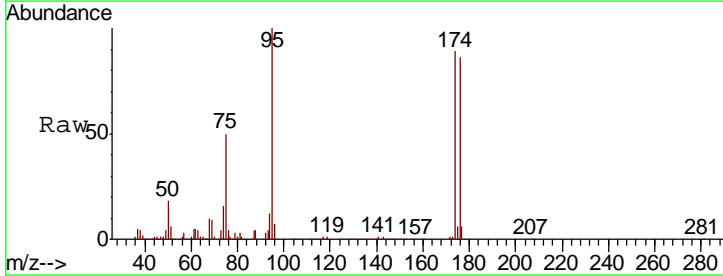
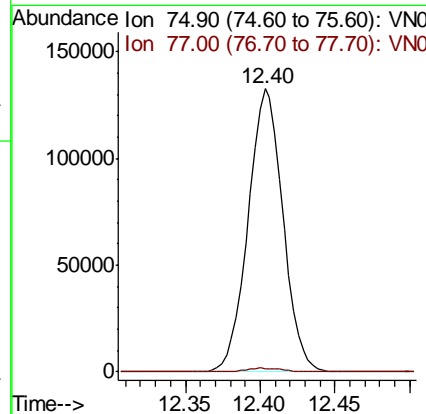
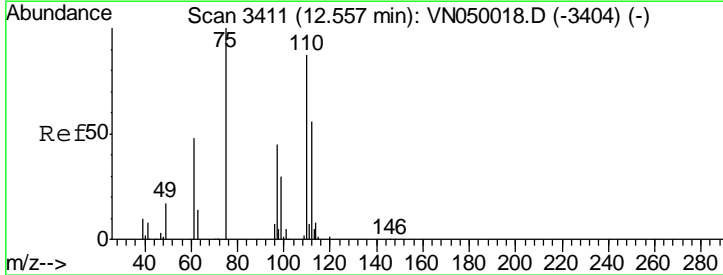
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

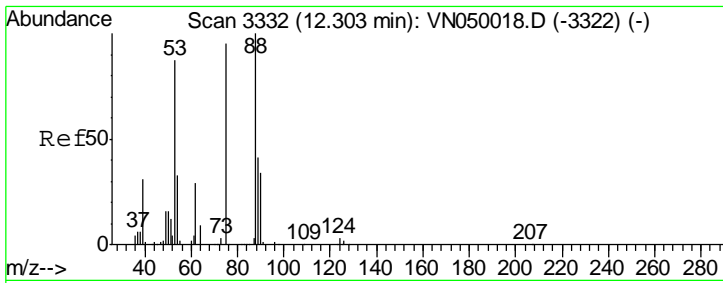
Tgt Ion	Resp	Lower	Upper
83	318		
83	100		
131	186.2	5.1	15.3#
85	0.0	32.3	96.8#



#76
 1,2,3-Trichloropropane
 Concen: 29.16 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
75	214533		
75	100		
77	1.3	0.0	0.0#

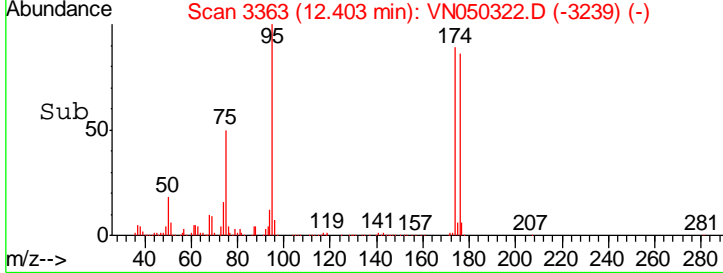
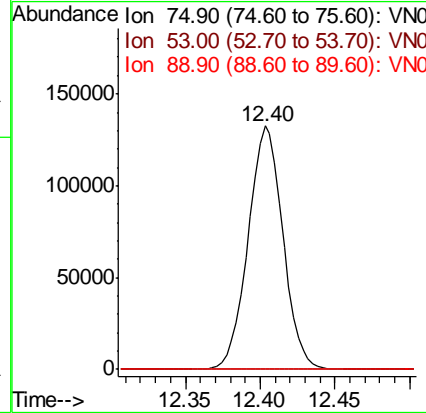
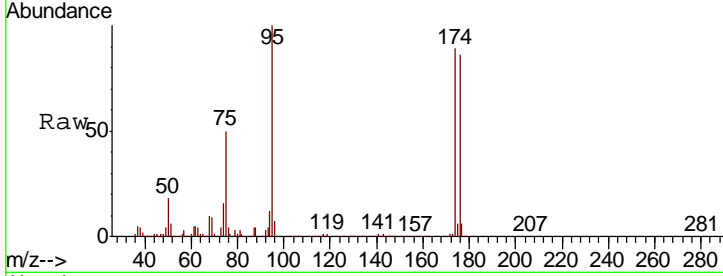




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.48 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

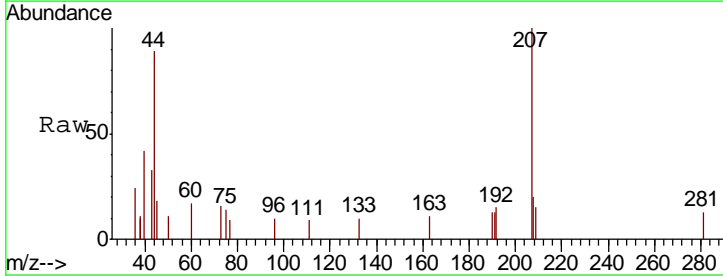
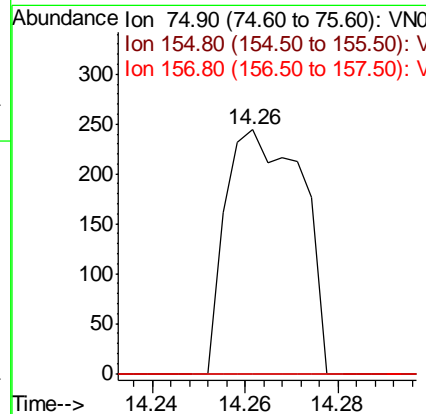
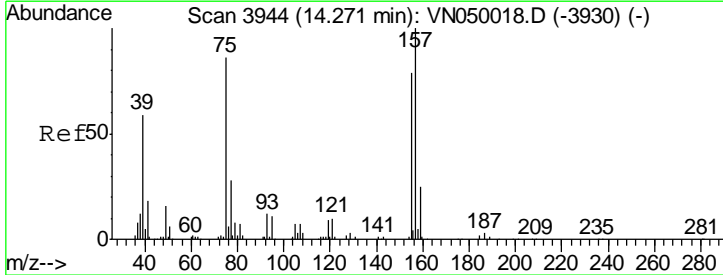
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

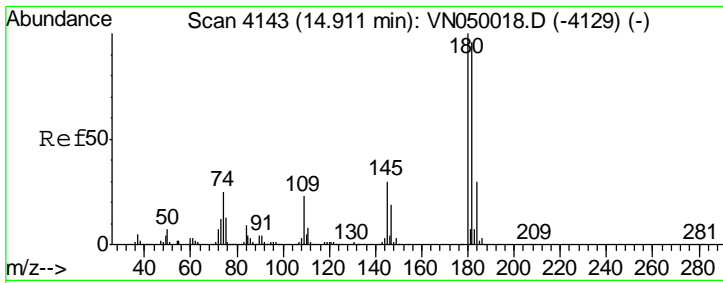
Tgt Ion	Resp	Lower	Upper
75	100		
53	0.2	73.5	110.3#
89	0.0	36.0	54.0#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	0.0	57.2	171.6#

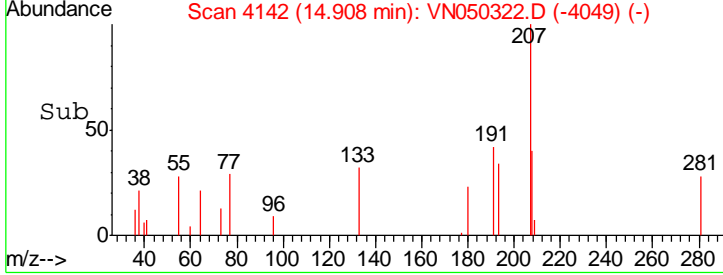
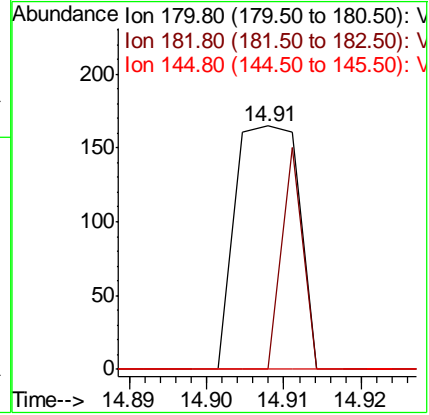
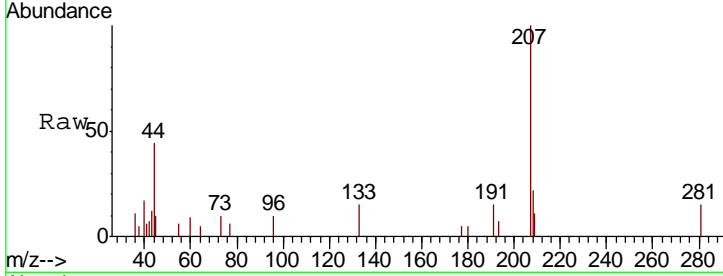




#93
 1,2,4-Trichlorobenzene
 Concen: 3.10 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

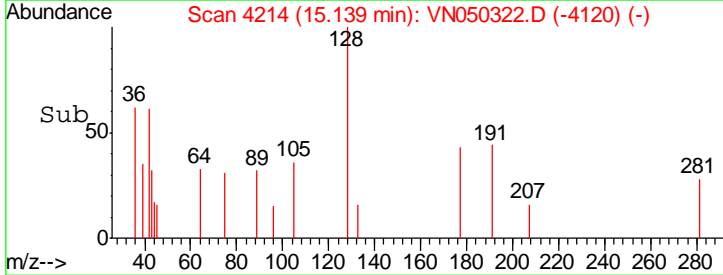
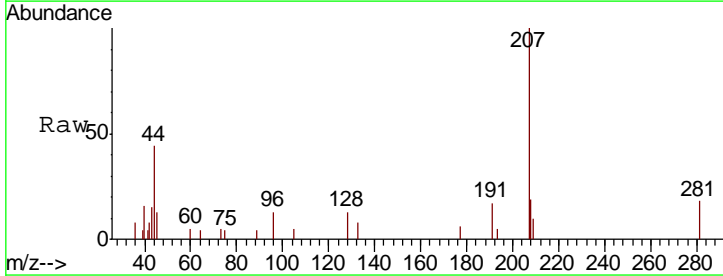
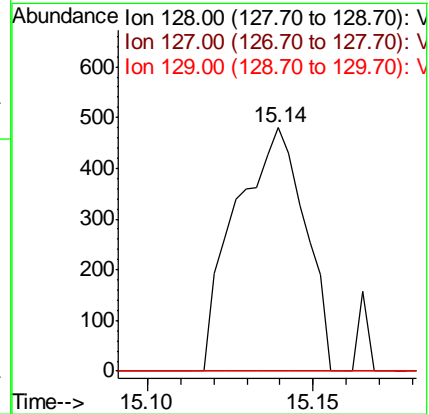
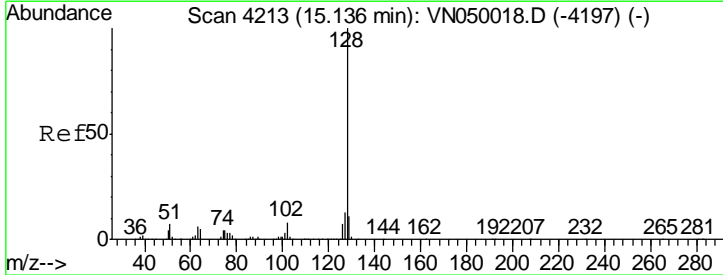
Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

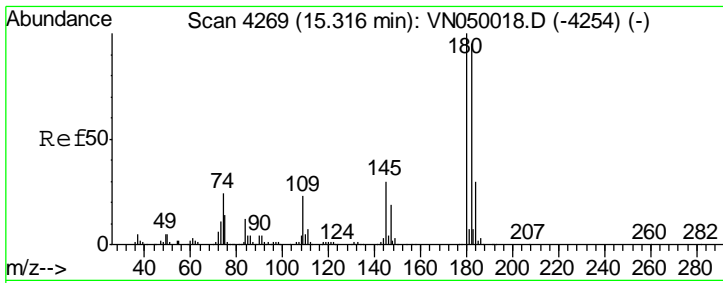
Tgt Ion	Resp	Lower	Upper
180	100		
182	30.9	46.7	140.1#
145	0.0	13.8	41.4#



#95
 Naphthalene
 Concen: 4.45 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Tgt Ion	Resp	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#

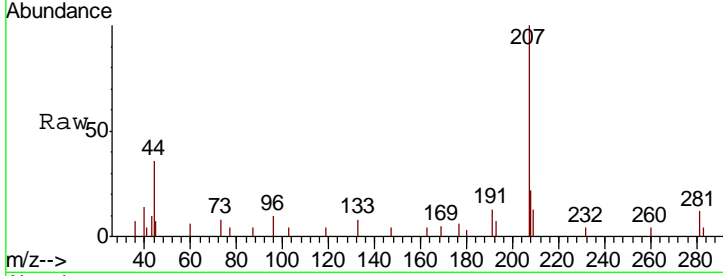




#96
 1,2,3-Trichlorobenzene
 Concen: 2.21 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN050322.D
 Acq: 3 Aug 2018 19:07

Instrument : MSVOA_N
 ClientSampled : PB111719ZHE#07

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	0.0	15.3	45.9#



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

