

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\  
 Data File : VX001028.D  
 Acq On : 21 Apr 2018 00:20  
 Operator : JC/MD  
 Sample : J2472-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampled :

Quant Time: Apr 21 05:41:18 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 20 05:03:28 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152930	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	= 100.96%		
35) Dibromofluoromethane	5.51	113	117903	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	= 92.58%		
50) Toluene-d8	8.72	98	465650	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	= 98.90%		
62) 4-Bromofluorobenzene	11.14	95	175487	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	= 88.80%		

Target Compounds

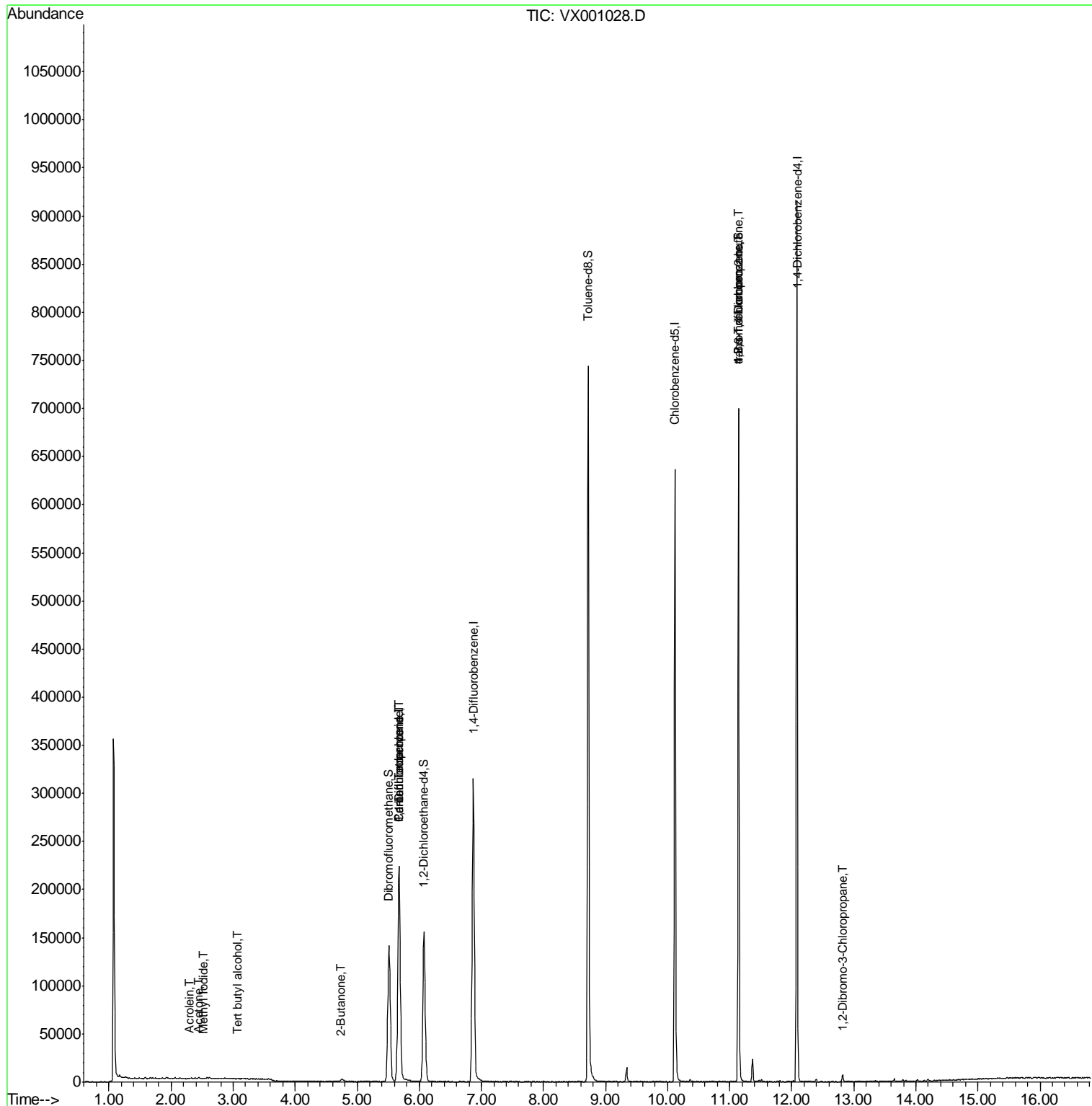
	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	320	Below Cal	#	64
10) Methyl Iodide	2.52	142	208	7.67	ug/l #	41
11) Tert butyl alcohol	3.07	59	313	0.69	ug/l #	72
13) Acrolein	2.29	56	45	11.24	ug/l #	1
16) Acetone	2.45	43	1203	1.05	ug/l #	73
20) Methylene Chloride	2.86	84	272	Below Cal	#	79
25) 2-Butanone	4.72	43	512	0.29	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	14711	3.75	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20383	5.13	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	90282	26.67	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	90282	79.79	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.81	75	174	0.23	ug/l #	1

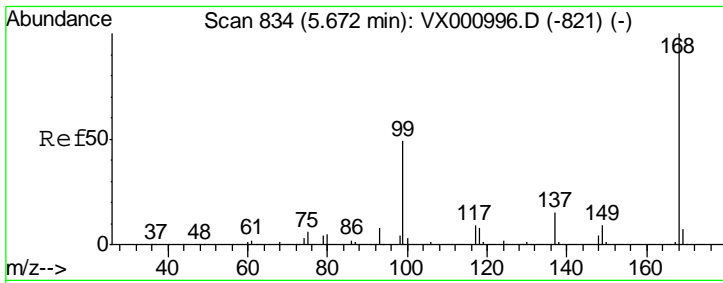
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 21 05:41:18 2018  
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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

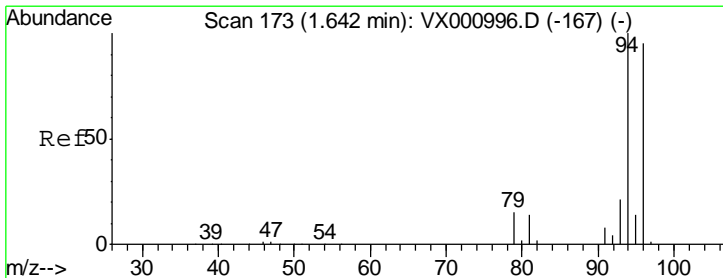
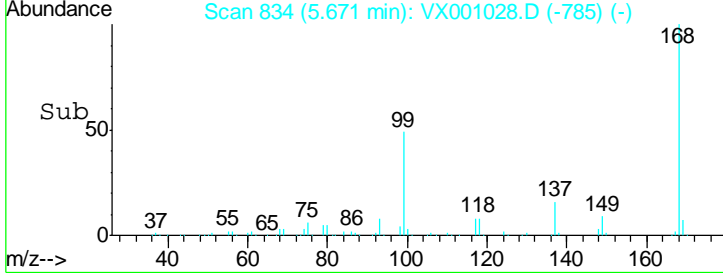
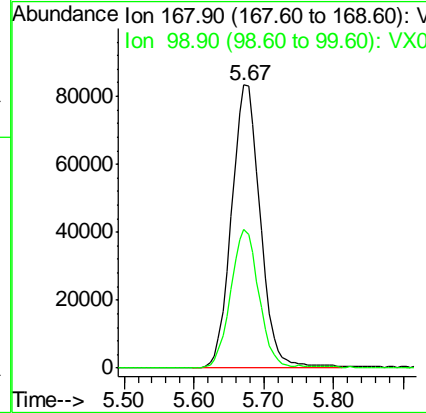
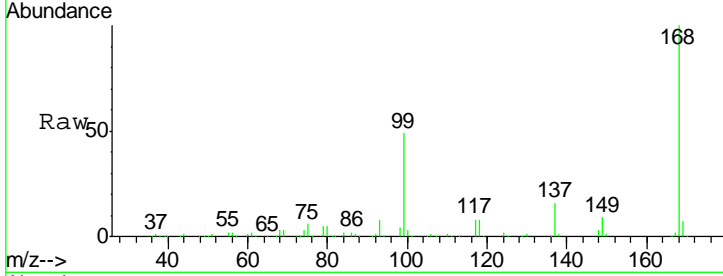




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

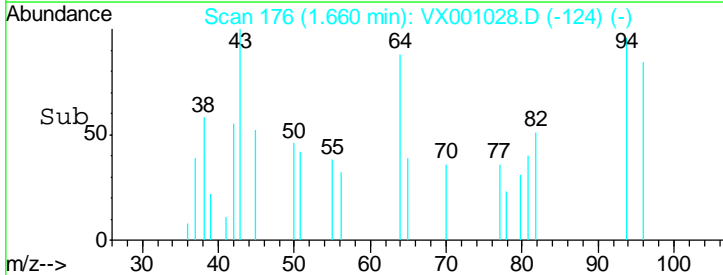
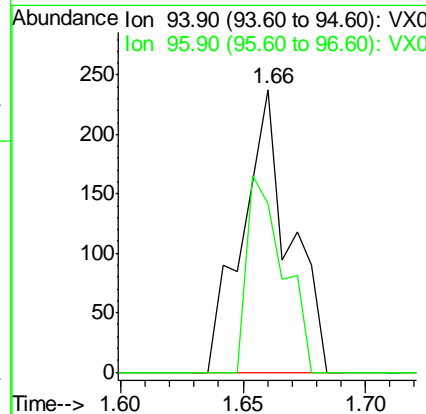
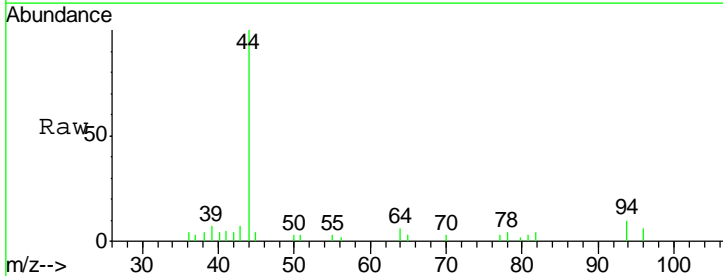
Instrument :  
 MSVOA\_X  
 ClientSampled :

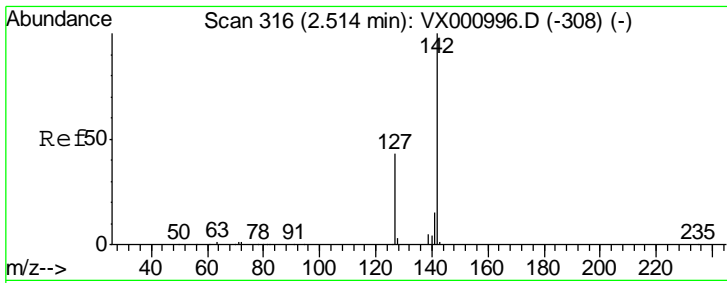
Tot Ion: 168 Resp: 239011  
 Ion Ratio Lower Upper  
 168 100  
 99 48.7 39.2 58.8



#5  
 Bromomethane  
 Concen: Below Cal  
 RT: 1.66 min Scan# 176  
 Delta R.T. 0.02 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion: 94 Resp: 320  
 Ion Ratio Lower Upper  
 94 100  
 96 59.7 76.0 114.0#

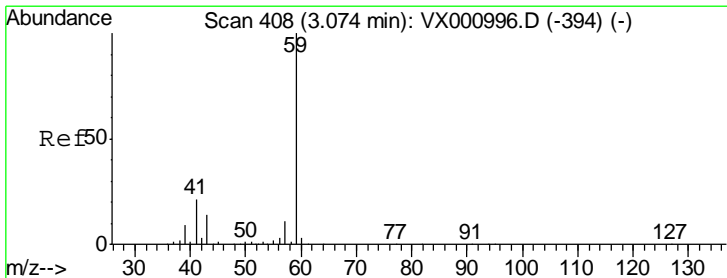
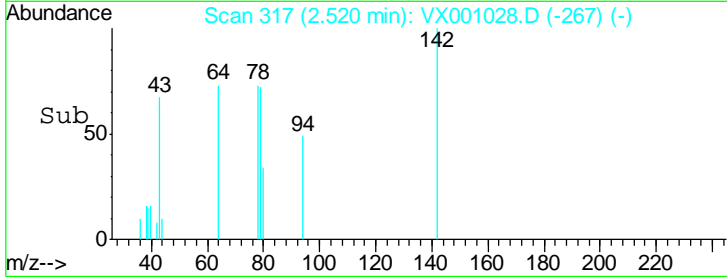
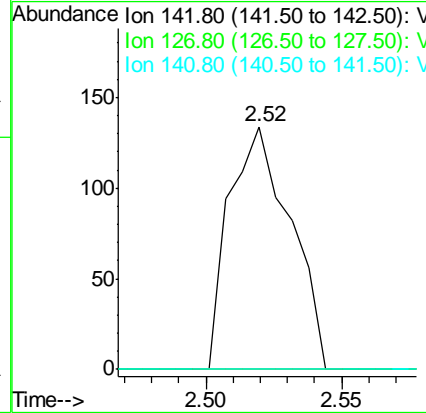
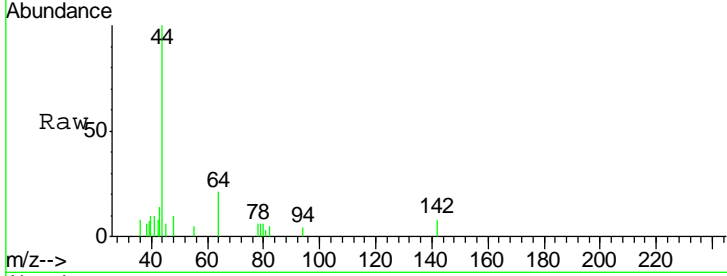




#10  
 Methyl Iodide  
 Concen: 7.67 ug/l  
 RT: 2.52 min Scan# 317  
 Delta R.T. 0.01 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

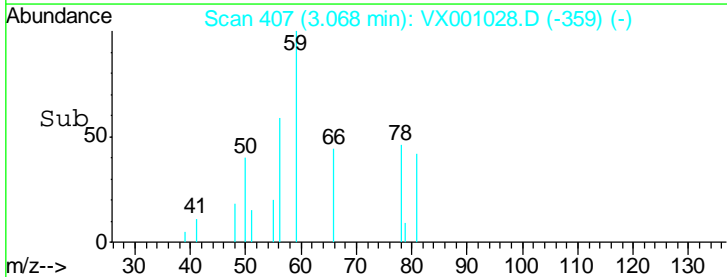
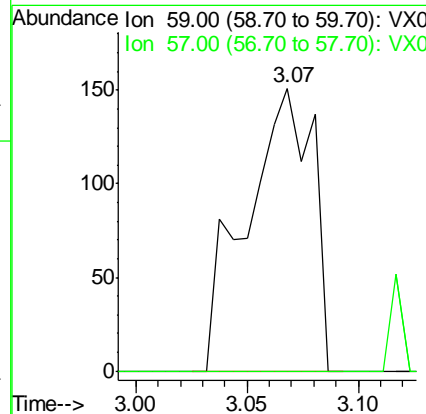
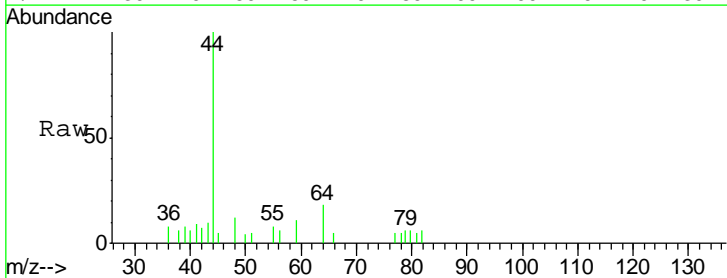
Instrument :  
 MSVOA\_X  
 ClientSampled :

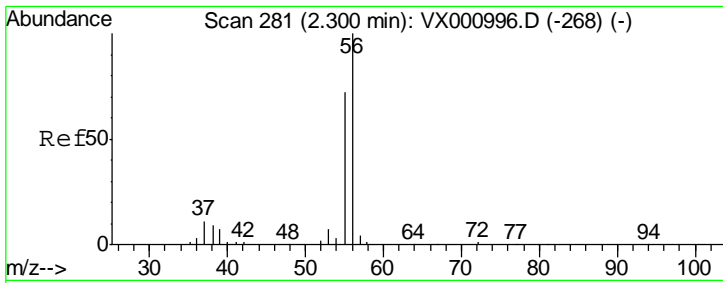
Tgt Ion	Resp	Lower	Upper
142	208		
127	0.0	34.0	51.0#
141	0.0	11.4	17.2#



#11  
 Tert butyl alcohol  
 Concen: 0.69 ug/l  
 RT: 3.07 min Scan# 407  
 Delta R.T. -0.01 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
59	313		
57	0.0	8.3	12.5#

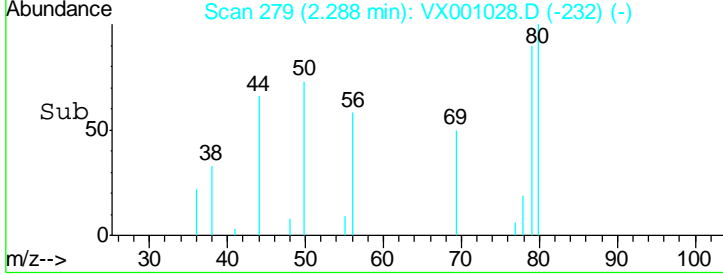
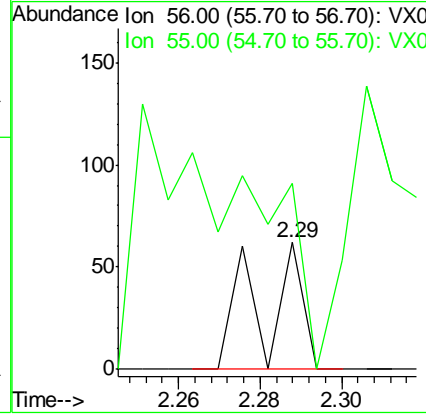
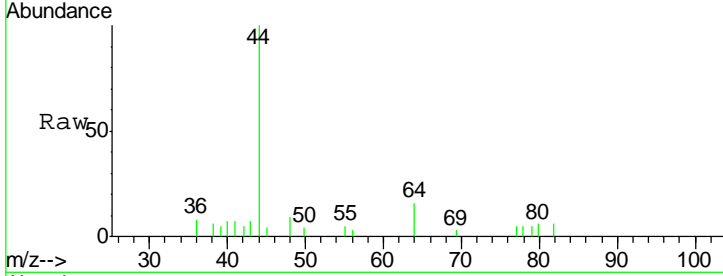




#13  
 Acrolein  
 Concen: 11.24 ug/l  
 RT: 2.29 min Scan# 279  
 Delta R.T. -0.01 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

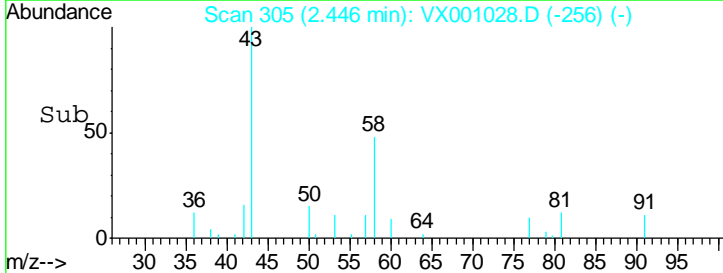
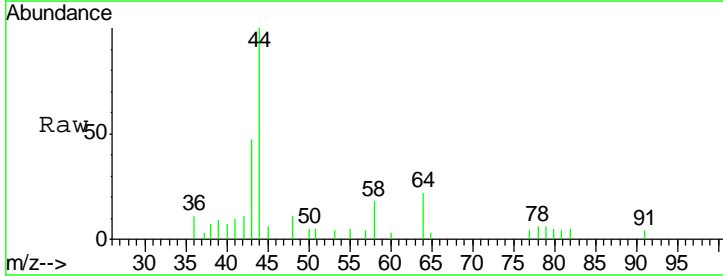
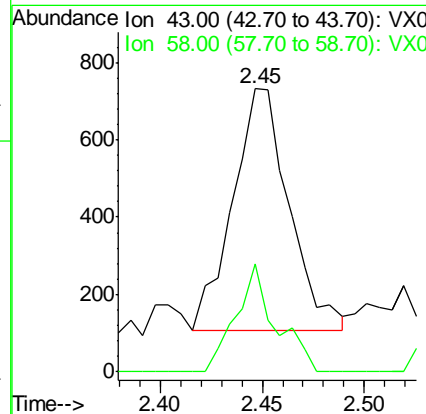
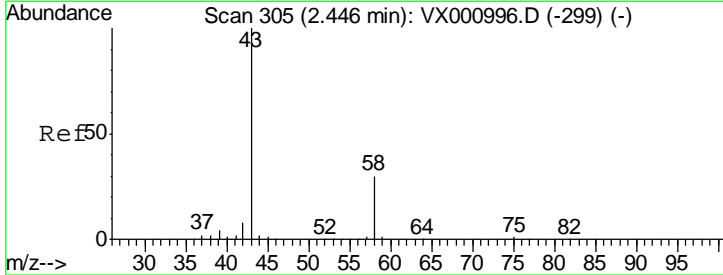
Instrument :  
 MSVOA\_X  
 ClientSampled :

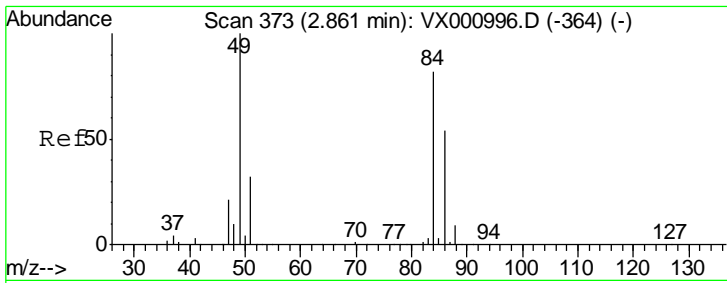
Tgt Ion	Resp	Lower	Upper
56	100		
55	371.1	57.4	86.2#



#16  
 Acetone  
 Concen: 1.05 ug/l  
 RT: 2.45 min Scan# 305  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
43	100		
58	44.4	23.7	35.5#

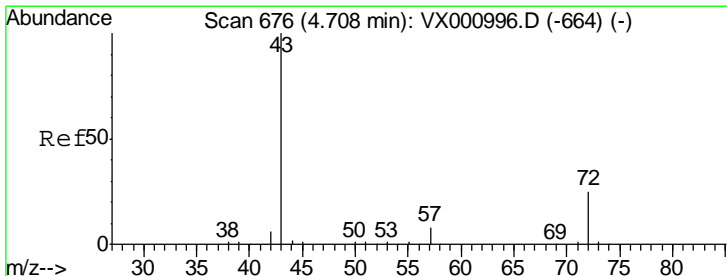
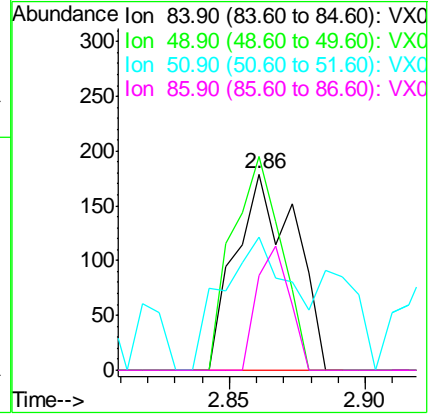
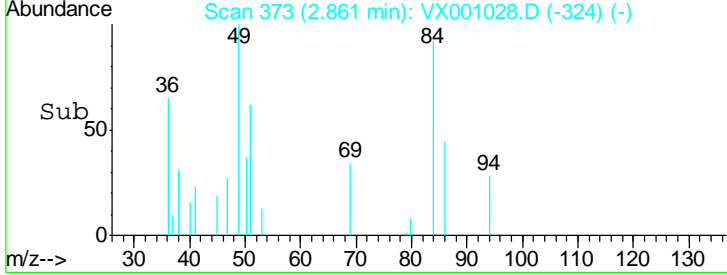
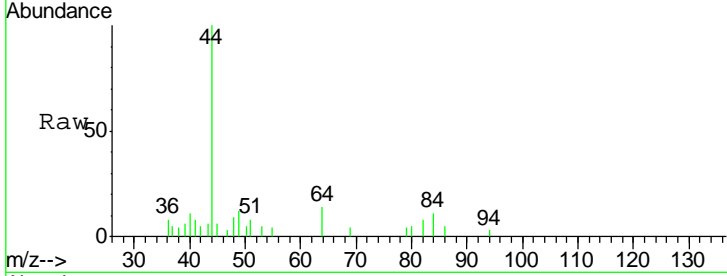




#20  
 Methylene Chloride  
 Concen: Below Cal  
 RT: 2.86 min Scan# 373  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

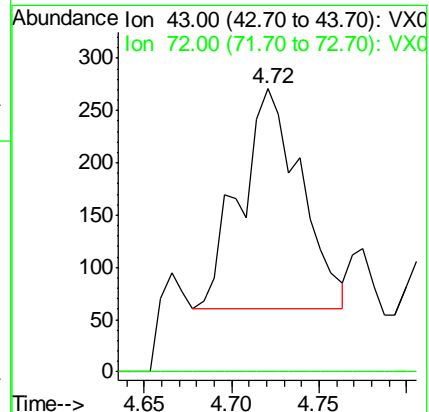
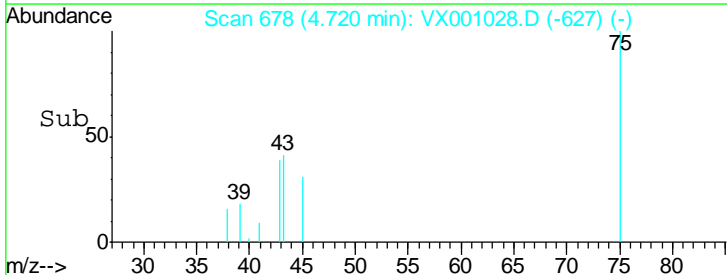
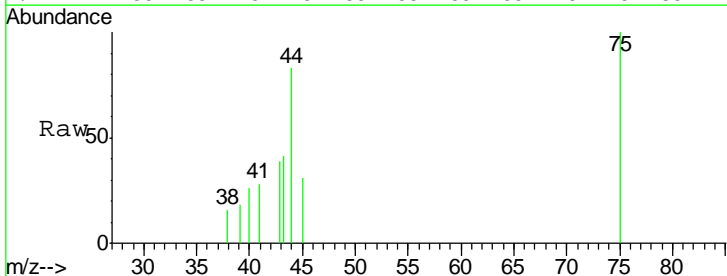
Instrument :  
 MSVOA\_X  
 ClientSampled :

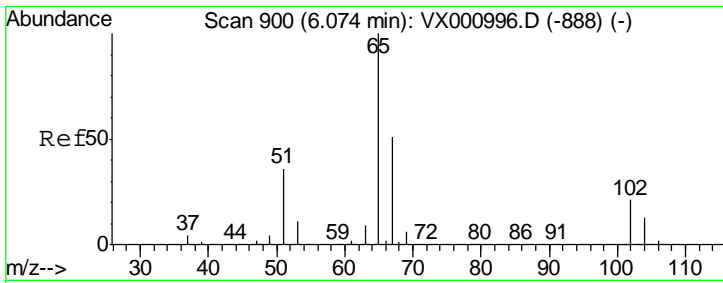
Tgt Ion	Resp	Lower	Upper
84	100		
49	108.9	97.1	145.7
51	67.6	30.8	46.2#
86	48.0	52.3	78.5#



#25  
 2-Butanone  
 Concen: 0.29 ug/l  
 RT: 4.72 min Scan# 678  
 Delta R.T. 0.01 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
43	100		
72	0.0	19.9	29.9#

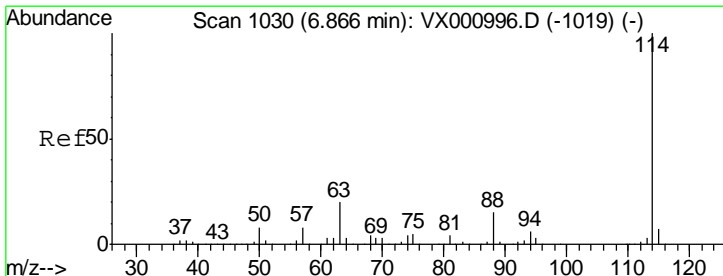
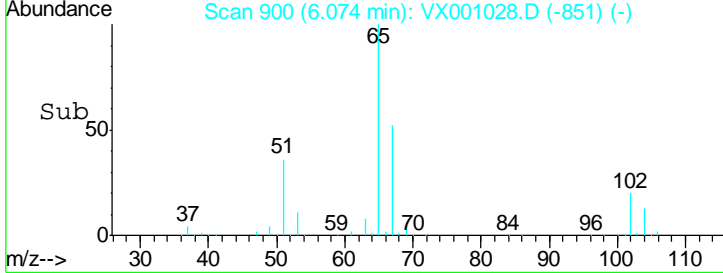
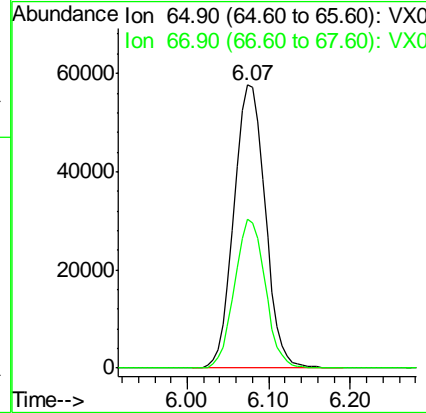
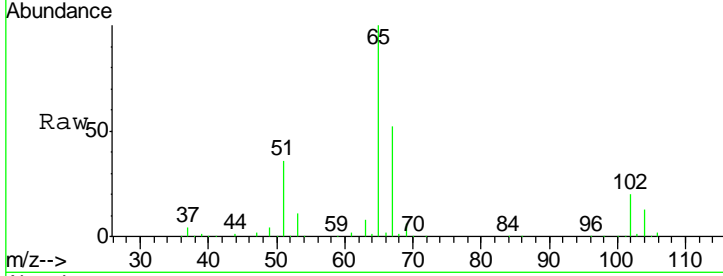




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.48 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

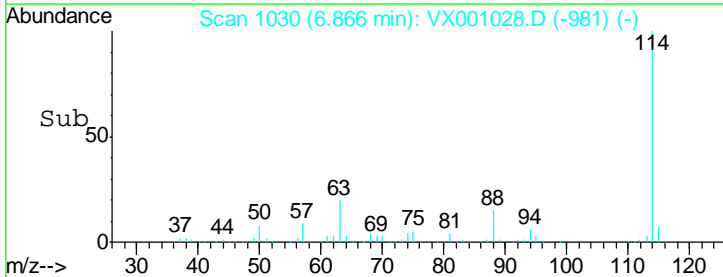
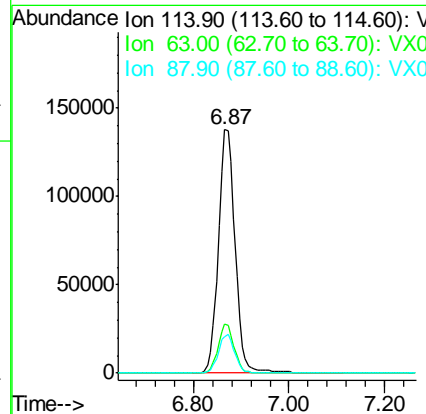
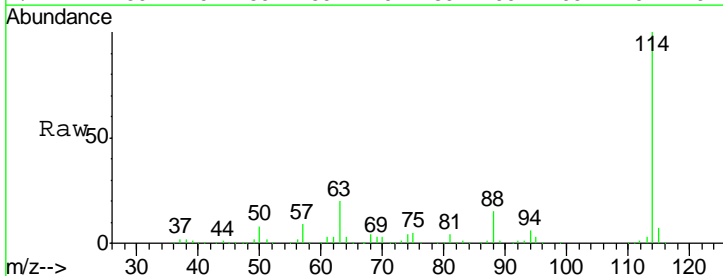
Instrument :  
 MSVOA\_X  
 ClientSampled :

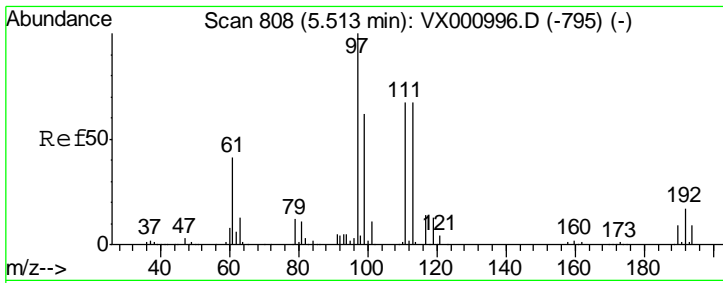
Tgt Ion	Resp	Lower	Upper
65	152930		
67	51.6	0.0	102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
114	333993		
63	20.0	0.0	39.4
88	15.0	0.0	29.8

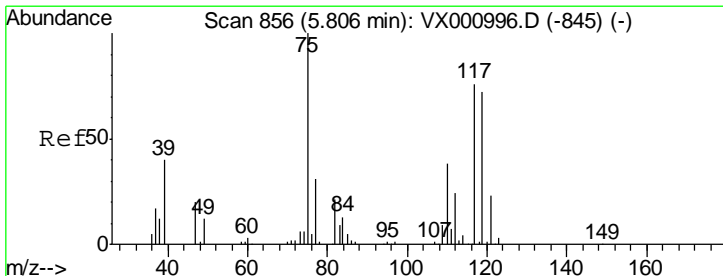
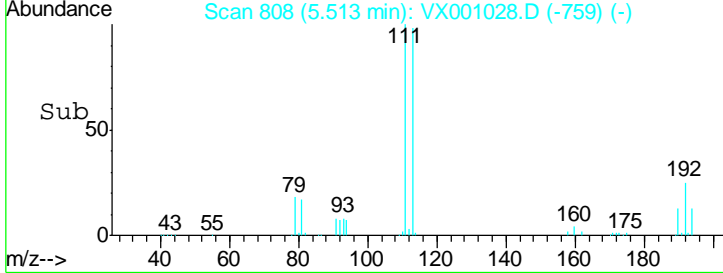
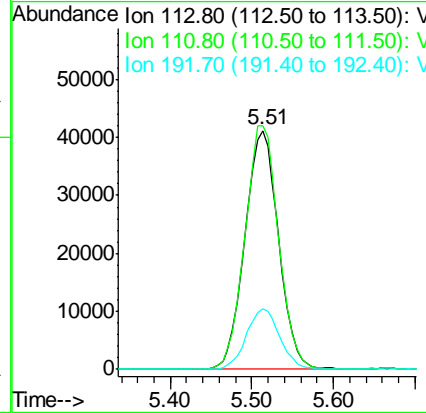
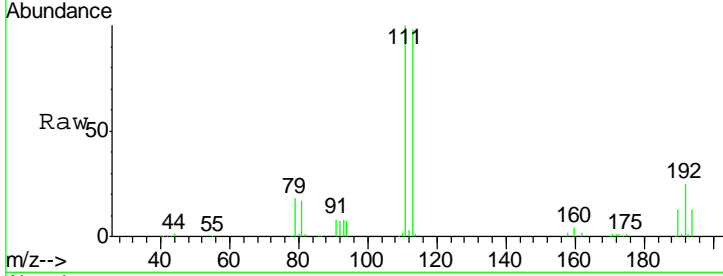




#35  
 Dibromofluoromethane  
 Concen: 46.29 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

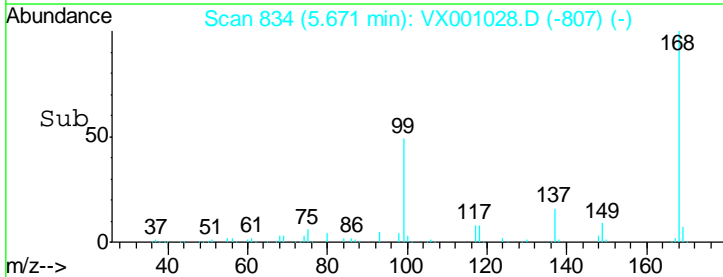
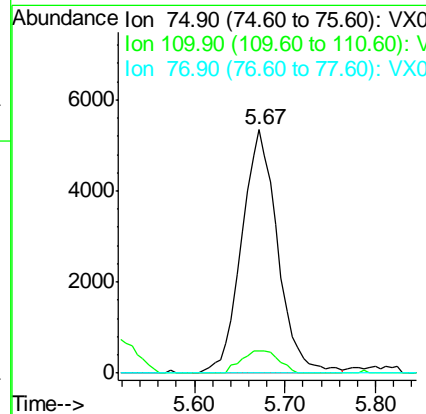
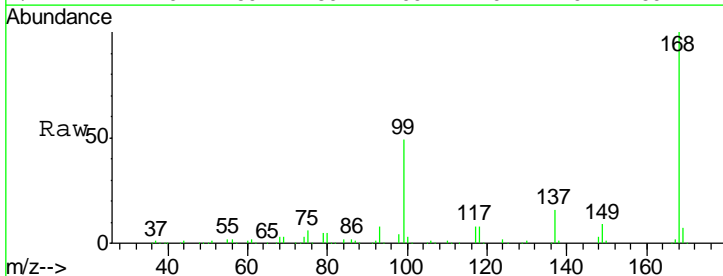
Instrument :  
 MSVOA\_X  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
113	117903		
111	102.4	81.4	122.2
192	25.2	20.4	30.6

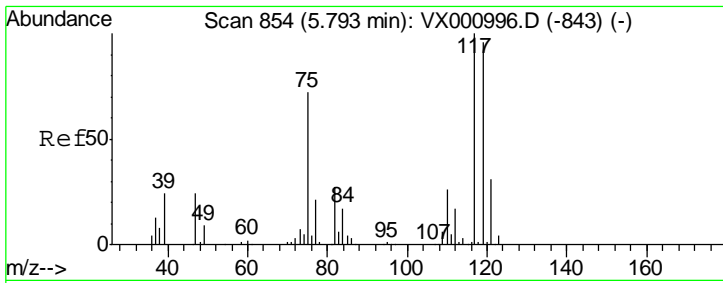


#36  
 1,1-Dichloropropene  
 Concen: 3.75 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.13 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
75	14711		
110	9.4	18.7	56.1#
77	0.0	25.0	37.4#



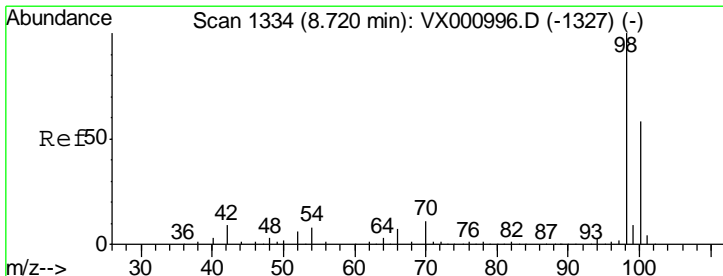
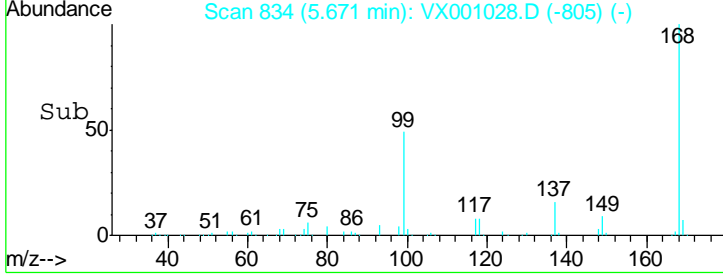
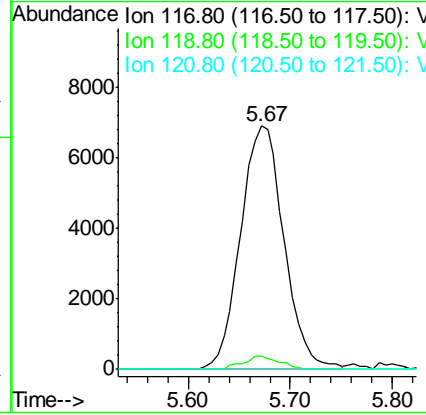
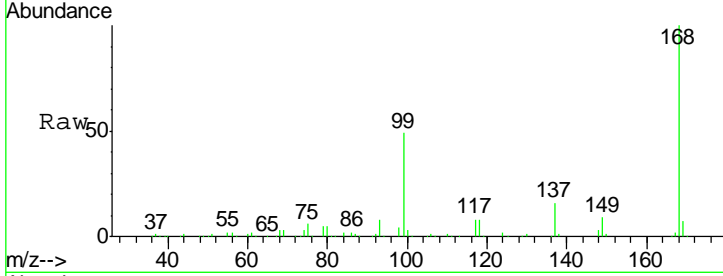




#38  
 Carbon Tetrachloride  
 Concen: 5.13 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.12 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

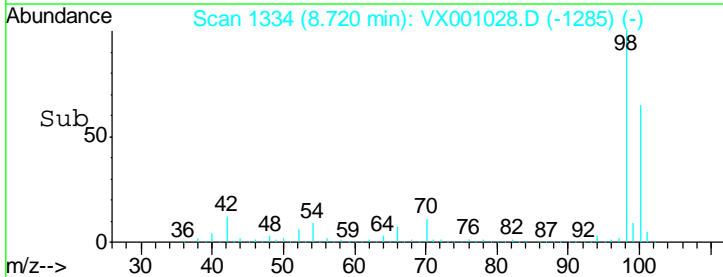
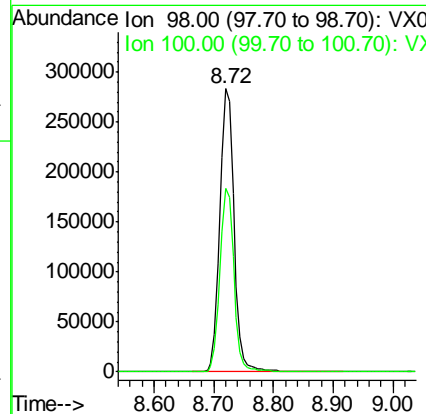
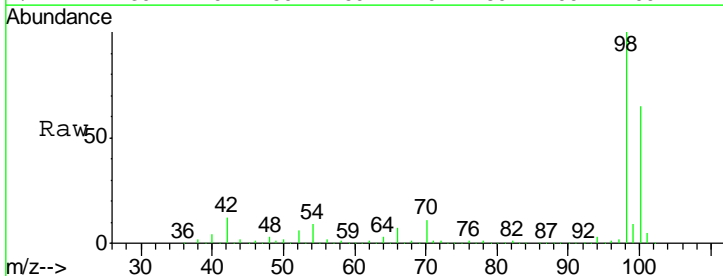
Instrument :  
 MSVOA\_X  
 ClientSampled :

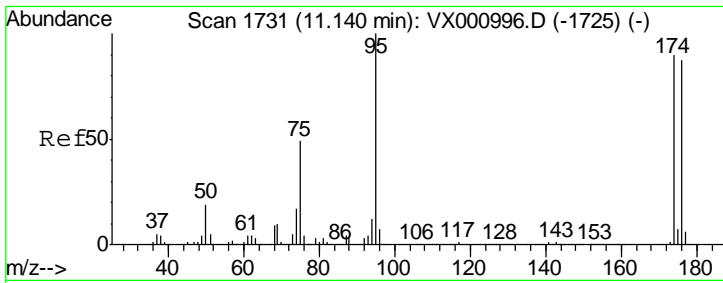
Tgt Ion	Resp	Lower	Upper
117	20383		
119	5.6	76.5	114.7#
121	0.0	24.5	36.7#



#50  
 Toluene-d8  
 Concen: 49.45 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
98	465650		
98	100		
100	64.3	51.9	77.9

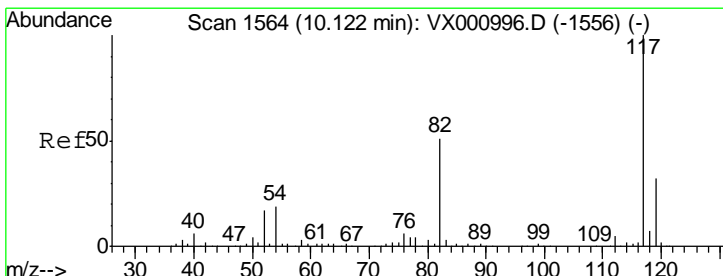
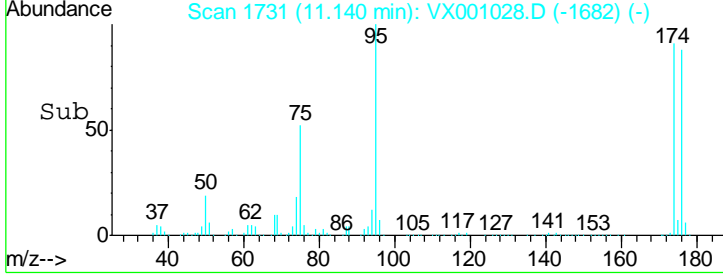
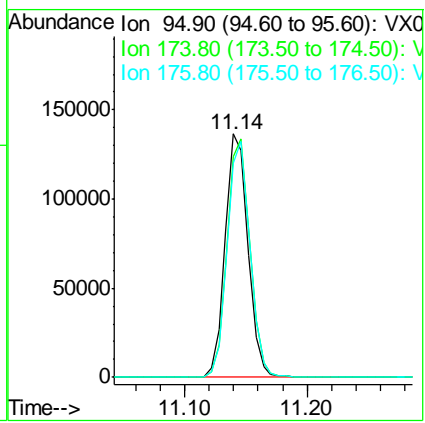
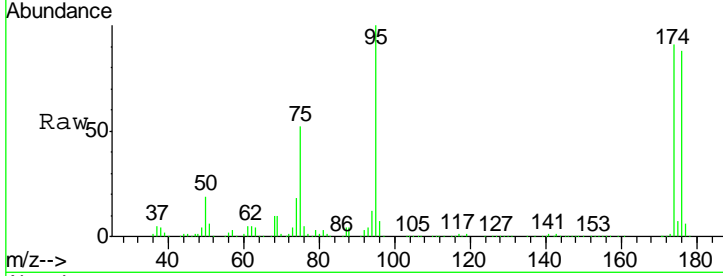




#62  
 4-Bromofluorobenzene  
 Concen: 44.40 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

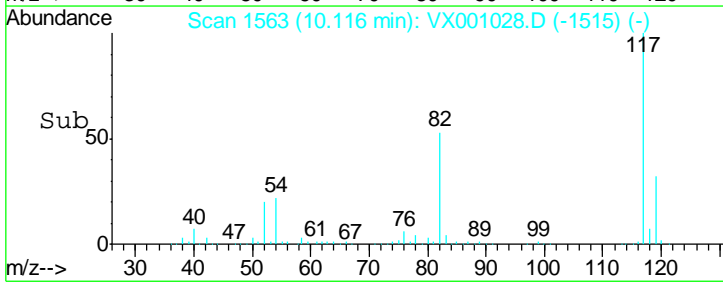
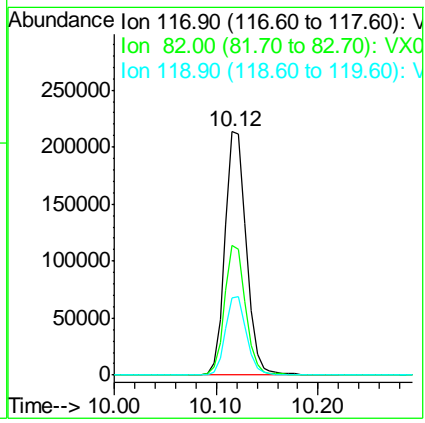
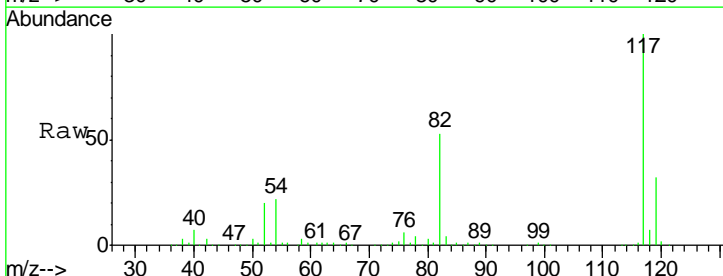
Instrument :  
 MSVOA\_X  
 ClientSampled :

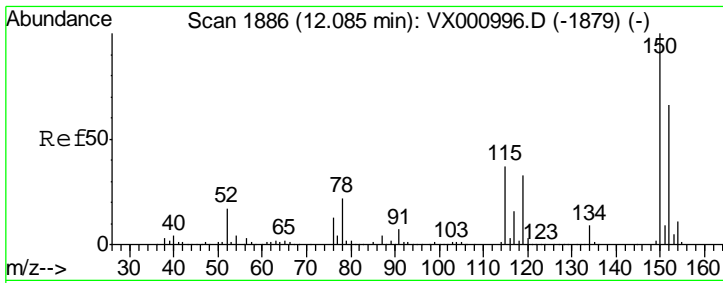
Tgt Ion	Resp	Lower	Upper
95	175487		
174	98.1	0.0	198.4
176	96.3	0.0	192.0



#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.12 min Scan# 1563  
 Delta R.T. -0.01 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
117	308462		
82	53.2	40.6	60.8
119	31.7	26.0	39.0

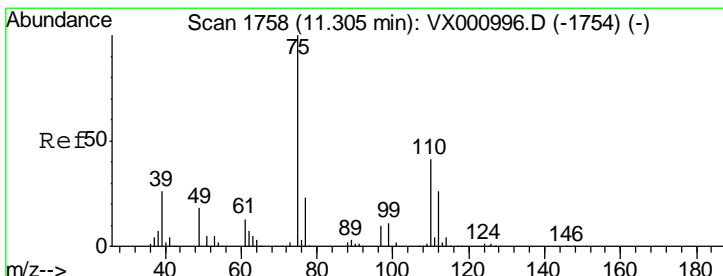
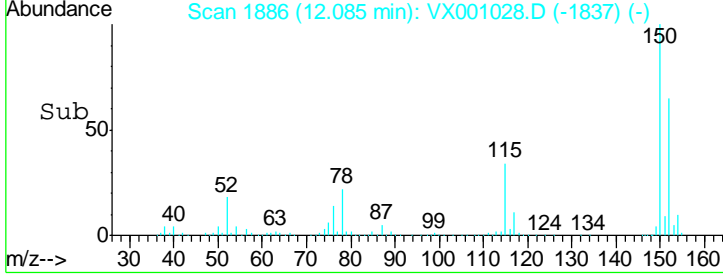
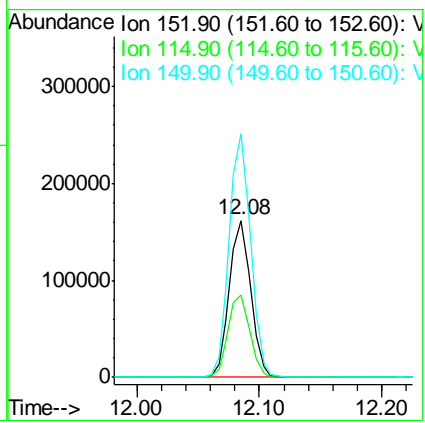
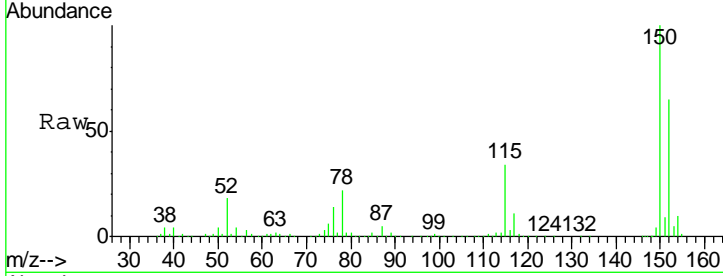




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.08 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

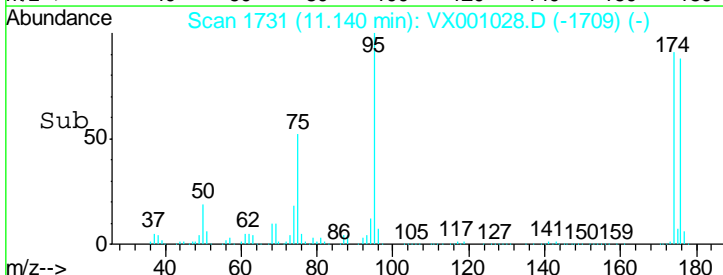
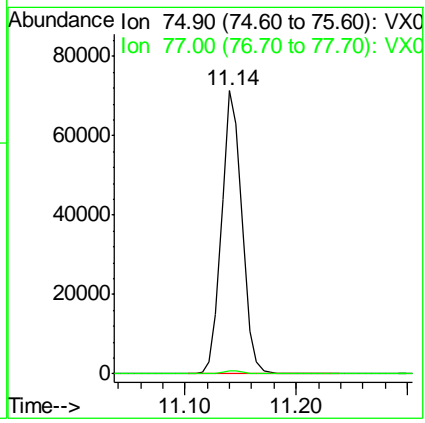
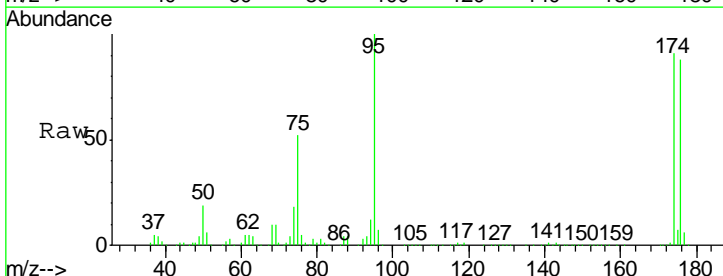
Instrument : MSVOA\_X  
 ClientSampled :

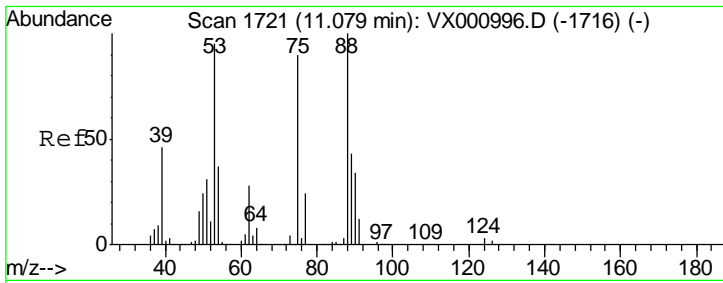
Tgt Ion	Resp	Lower	Upper
152	100		
115	53.7	38.2	114.6
150	155.5	0.0	350.4



#76  
 1,2,3-Trichloropropane  
 Concen: 26.67 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. -0.16 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.2	19.6	58.7#

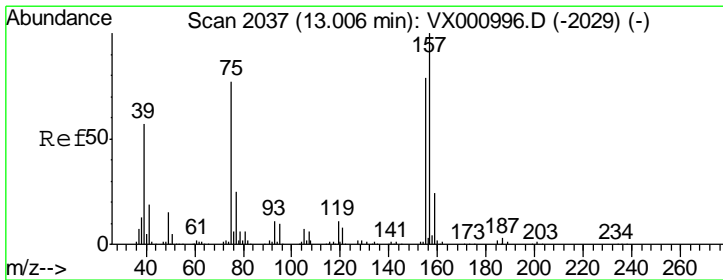
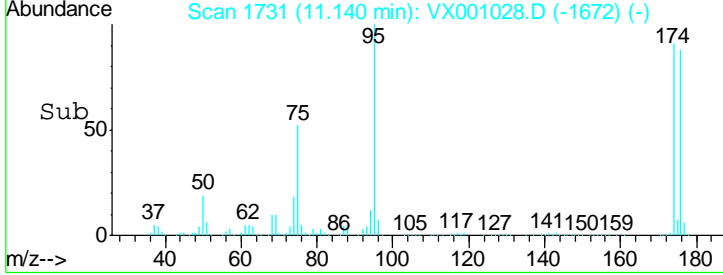
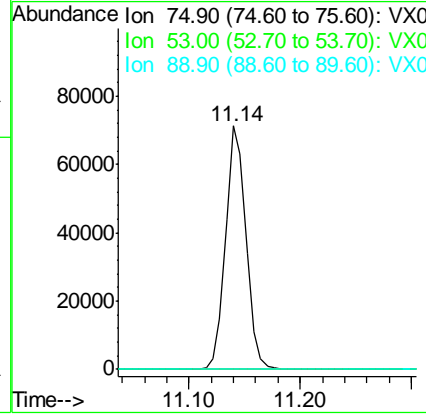
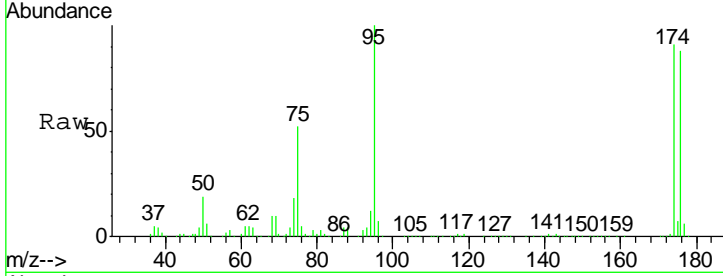




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 79.79 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.06 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Instrument : MSVOA\_X  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	83.4	125.2#
89	0.0	39.7	59.5#



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.23 ug/l  
 RT: 12.81 min Scan# 2005  
 Delta R.T. -0.20 min  
 Lab File: VX001028.D  
 Acq: 21 Apr 2018 00:20

Tgt Ion	Resp	Lower	Upper
75	100		
155	0.0	51.0	153.0#
157	0.0	64.9	194.7#

