

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001115.D
 Acq On : 25 Apr 2018 12:18
 Operator : JC/MD
 Sample : VX0425WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 25 13:54:57 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	242579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171485	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	= 111.54%		
35) Dibromofluoromethane	5.51	113	130709	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	= 102.36%		
50) Toluene-d8	8.72	98	506910	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	= 107.34%		
62) 4-Bromofluorobenzene	11.14	95	176200	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	= 88.92%		

Target Compounds

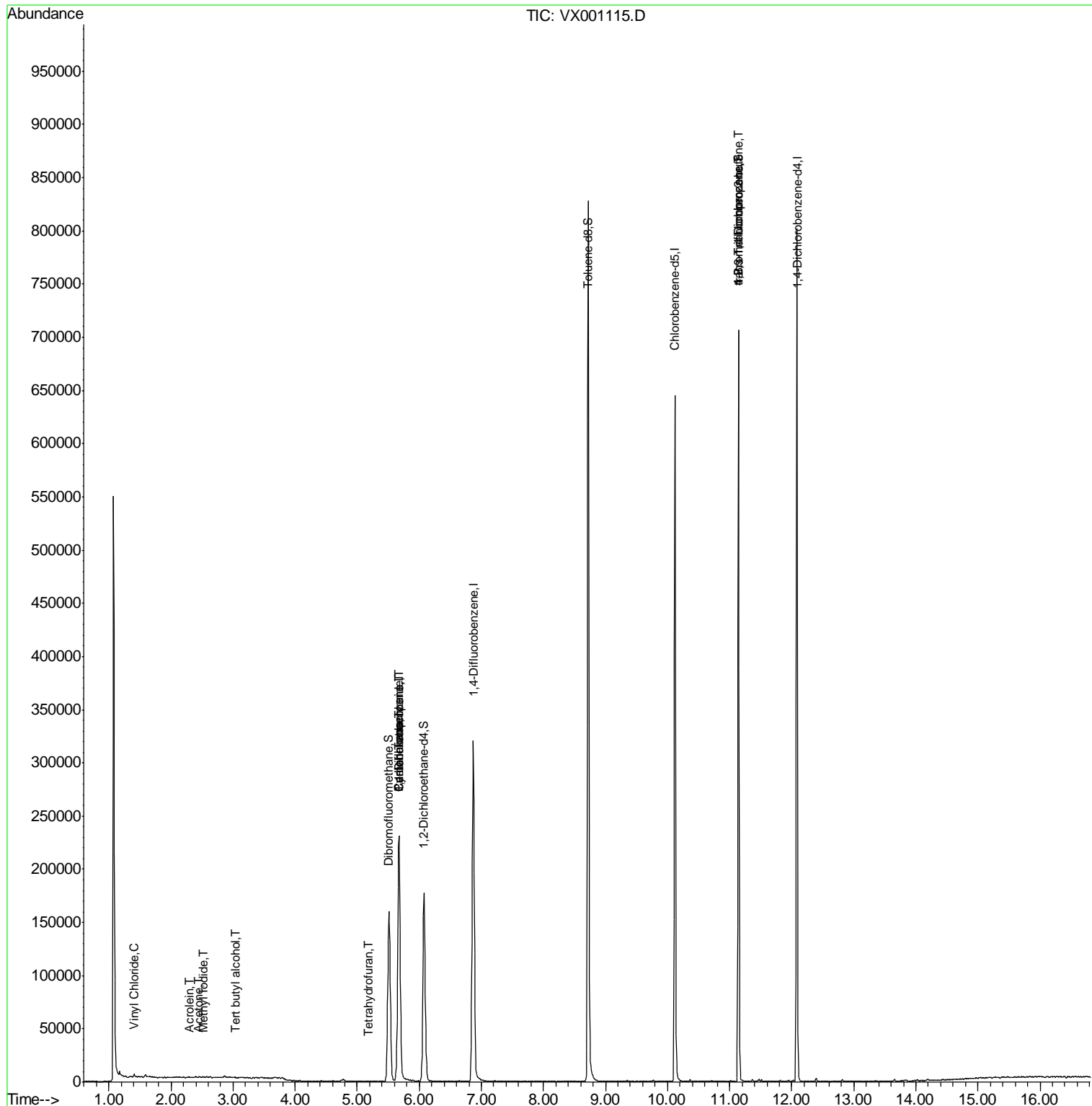
					Qvalue	
4) Vinyl Chloride	1.40	62	1665	0.573	ug/l	94
5) Bromomethane	1.66	94	332	Below Cal	#	65
10) Methyl Iodide	2.53	142	196	7.666	ug/l #	90
11) Tert butyl alcohol	3.03	59	187	0.403	ug/l #	32
13) Acrolein	2.30	56	23	11.086	ug/l #	14
16) Acetone	2.45	43	583	0.503	ug/l	92
20) Methylene Chloride	2.86	84	577	Below Cal	#	67
29) Tetrahydrofuran	5.18	42	276	0.242	ug/l #	72
31) Cyclohexane	5.67	56	4513	1.041	ug/l #	22
36) 1,1-Dichloropropene	5.67	75	16052	4.078	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20872	5.237	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	90756	30.739	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	90756	91.454	ug/l #	8

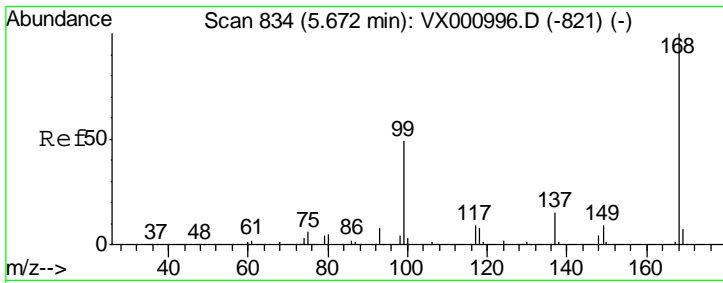
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 25 13:54:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
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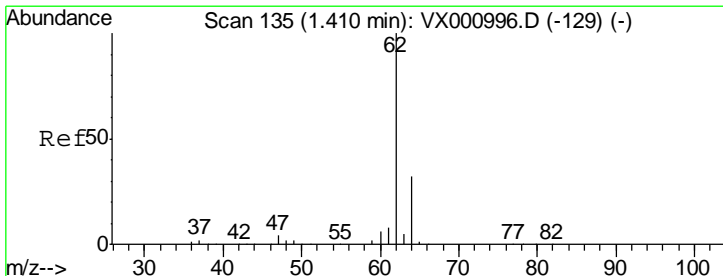
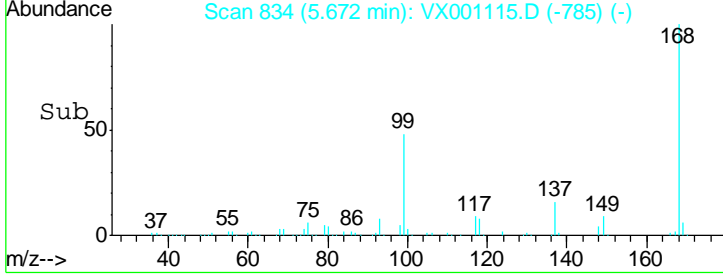
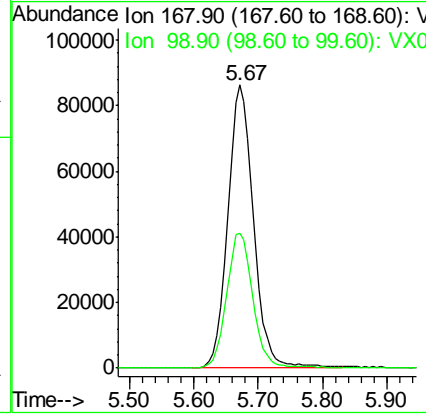
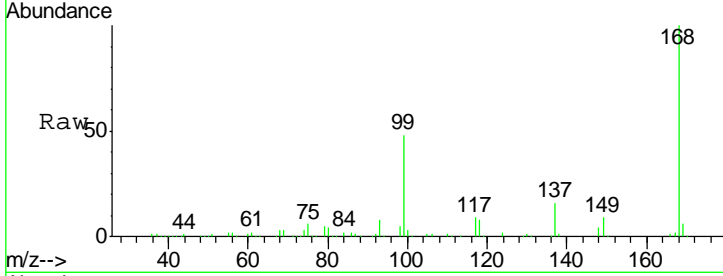




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

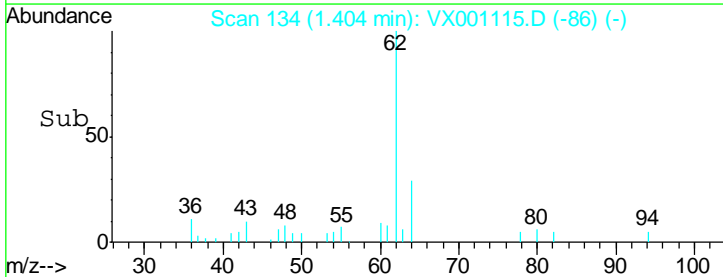
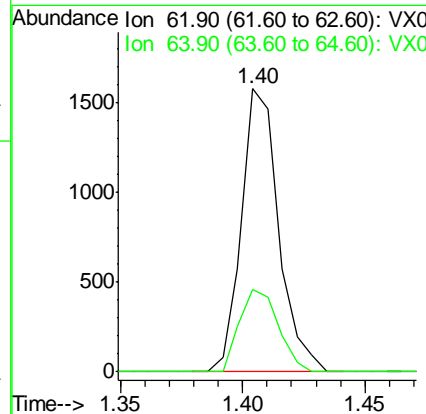
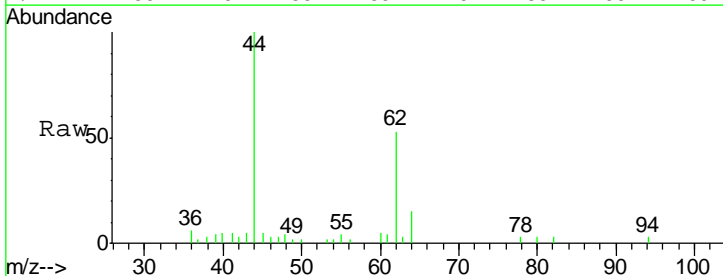
Instrument :
 MSVOA_X
 ClientSampled :

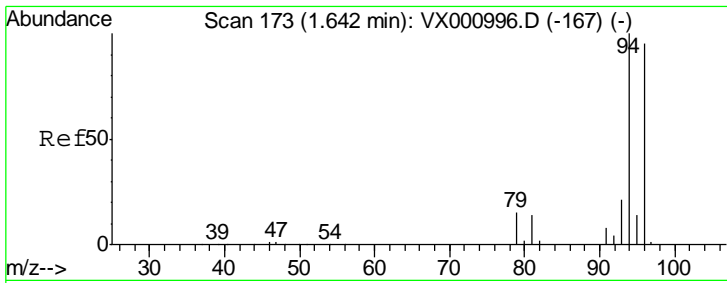
Tgt Ion	Resp	Lower	Upper
168	100		
99	47.8	39.2	58.8



#4
 Vinyl Chloride
 Concen: 0.573 ug/l
 RT: 1.40 min Scan# 134
 Delta R.T. -0.01 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Resp	Lower	Upper
62	100		
64	28.9	25.6	38.4

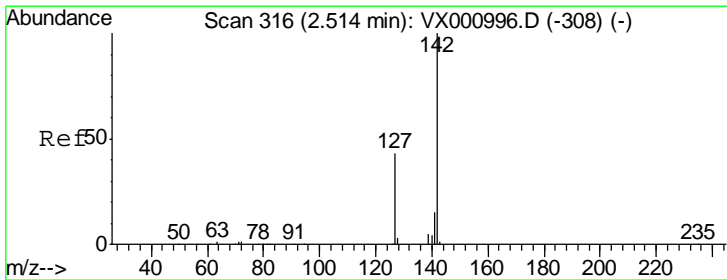
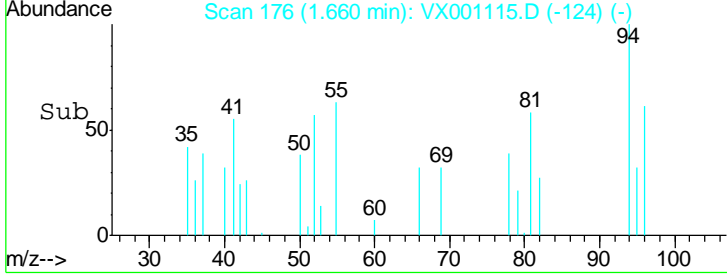
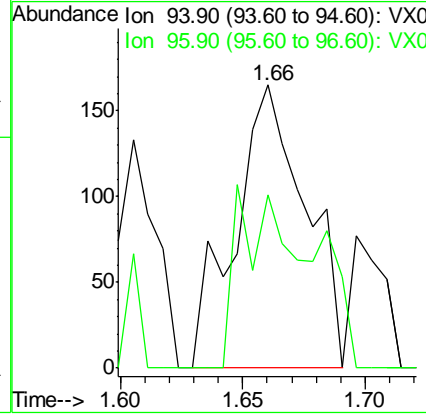
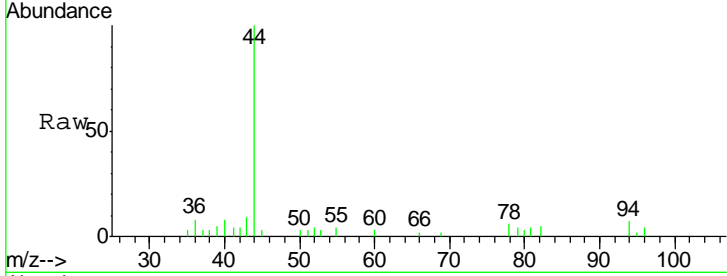




#5
 Bromomethane
 Concen: Below Cal
 RT: 1.66 min Scan# 176
 Delta R.T. 0.02 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

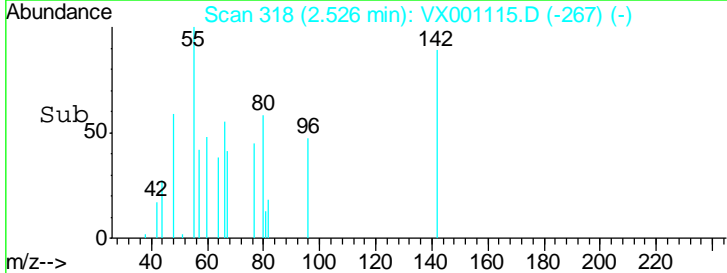
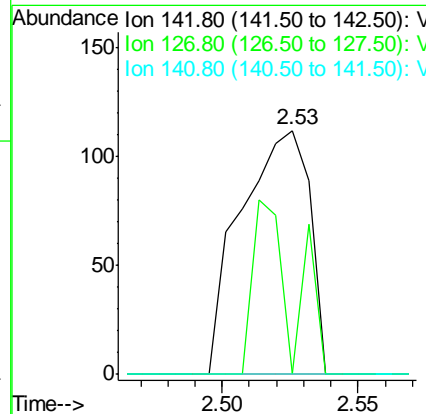
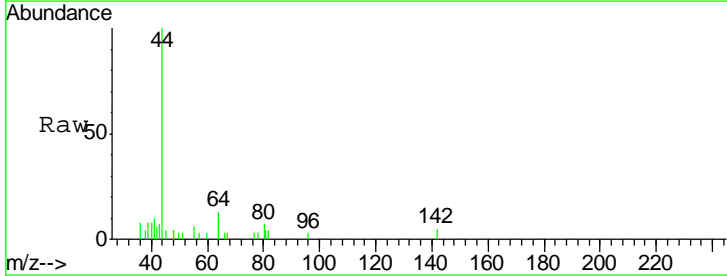
Instrument :
 MSVOA_X
 ClientSampled :

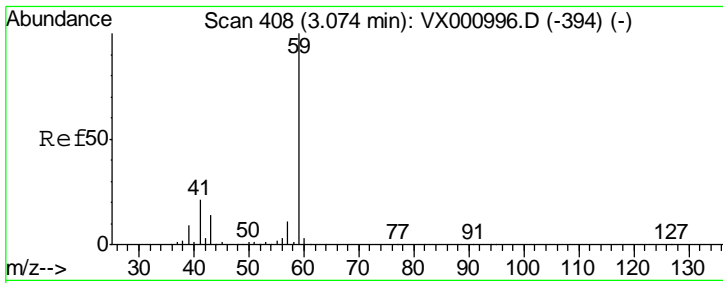
Tot Ion: 94 Resp: 332
 Ion Ratio Lower Upper
 94 100
 96 61.2 76.0 114.0#



#10
 Methyl Iodide
 Concen: 7.666 ug/l
 RT: 2.53 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion: 142 Resp: 196
 Ion Ratio Lower Upper
 142 100
 127 41.3 34.0 51.0
 141 0.0 11.4 17.2#

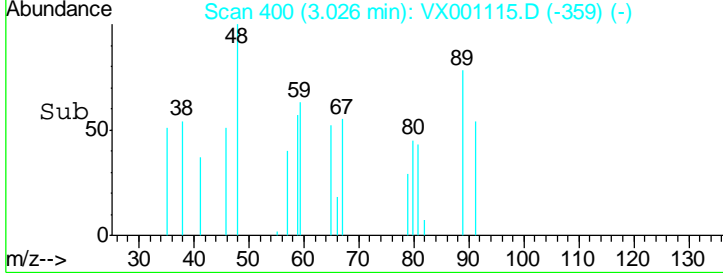
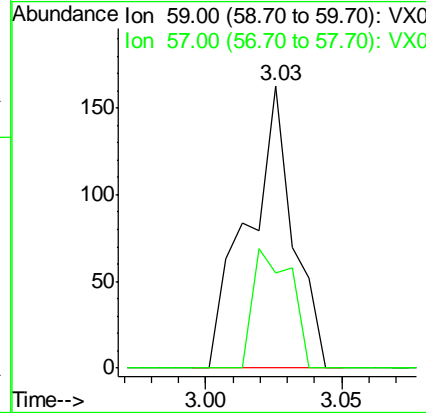
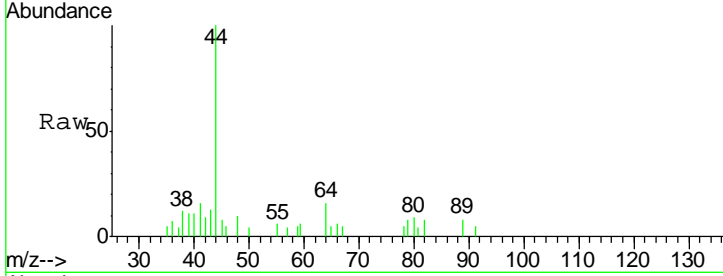




#11
 Tert butyl alcohol
 Concen: 0.403 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.05 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

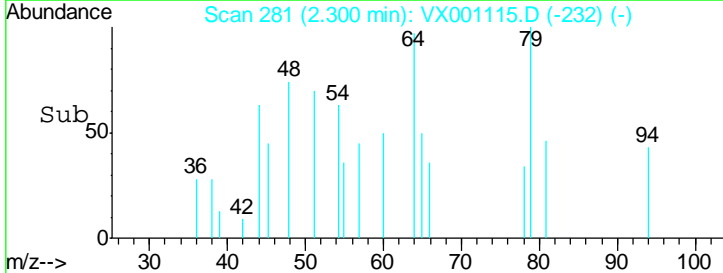
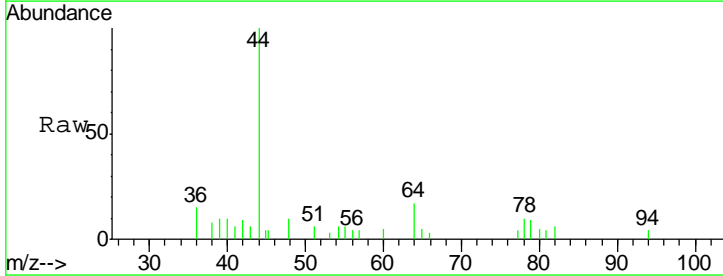
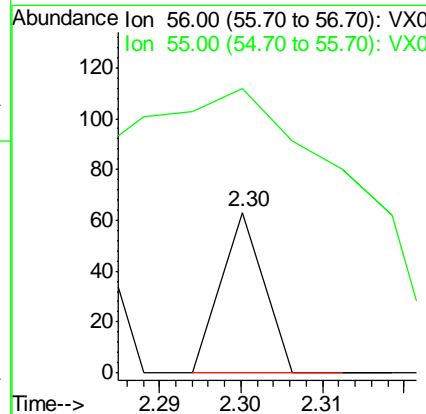
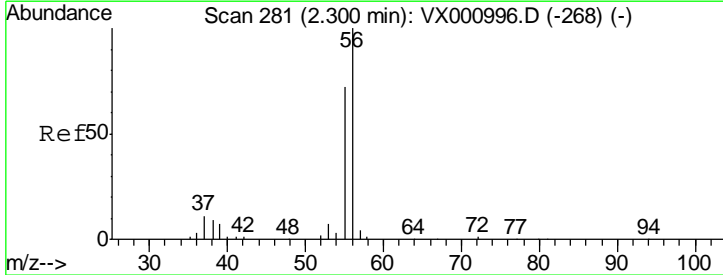
Instrument :
 MSVOA_X
 ClientSampled :

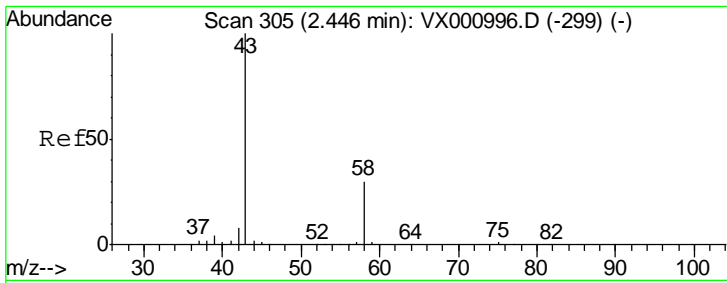
Tgt Ion: 59 Resp: 187
 Ion Ratio Lower Upper
 59 100
 57 35.8 8.3 12.5#



#13
 Acrolein
 Concen: 11.086 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion: 56 Resp: 23
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.4 86.2#

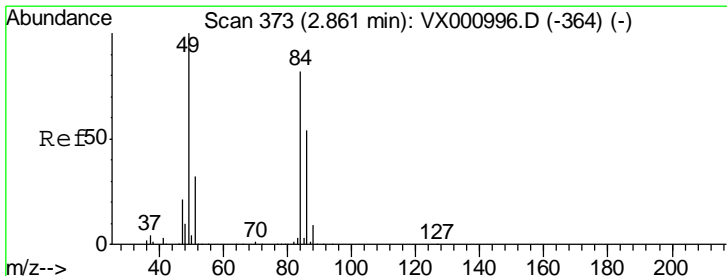
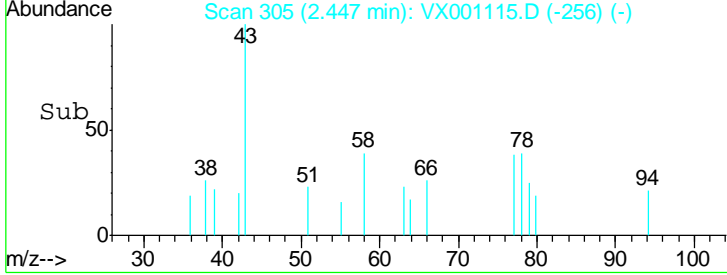
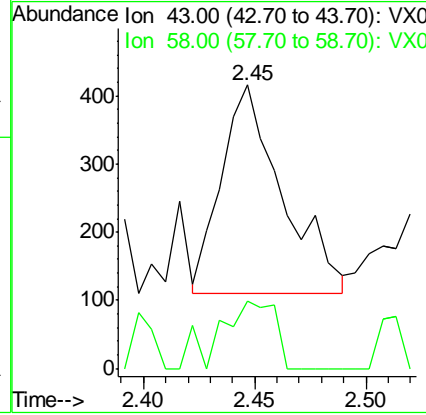
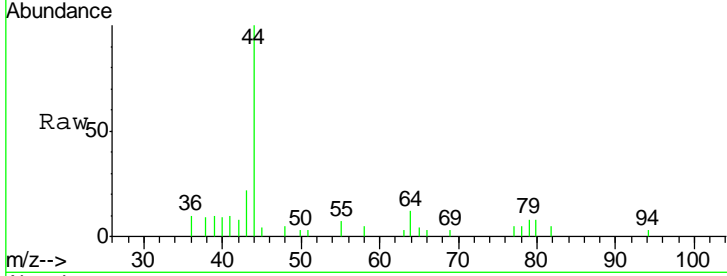




#16
 Acetone
 Concen: 0.503 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

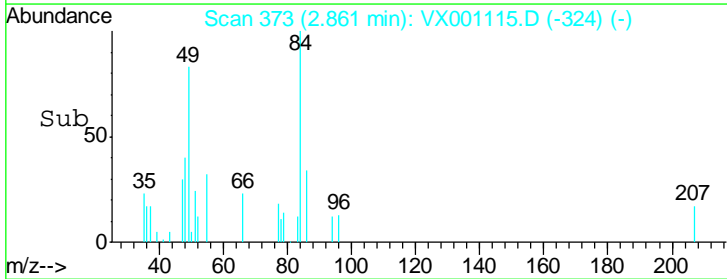
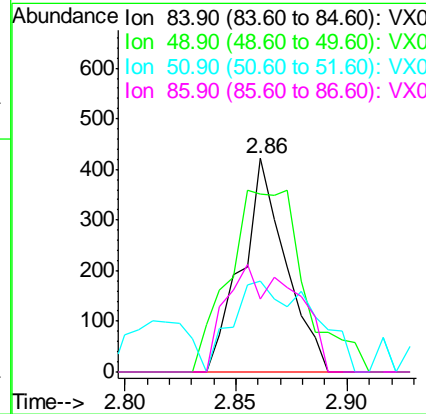
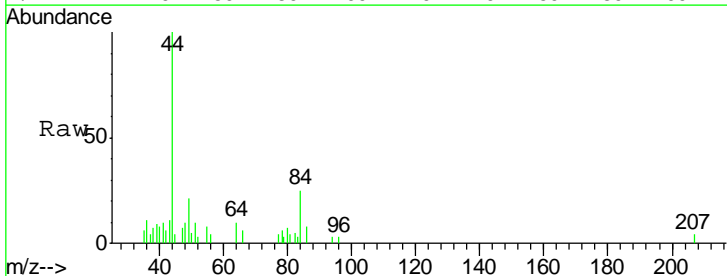
Instrument : MSVOA_X
 ClientSampled :

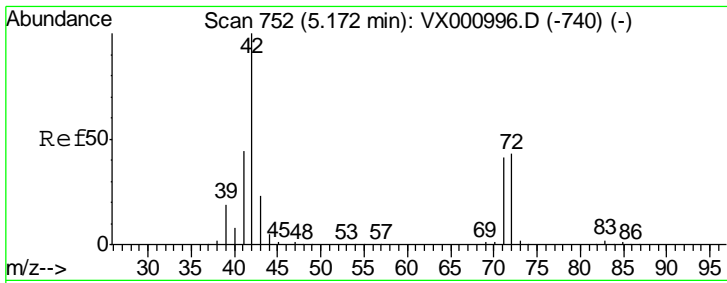
Tgt Ion	Resp	Lower	Upper
43	100		
58	33.9	23.7	35.5



#20
 Methylene Chloride
 Concen: Below Cal
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Resp	Lower	Upper
84	100		
49	83.4	97.1	145.7#
51	27.0	30.8	46.2#
86	34.1	52.3	78.5#

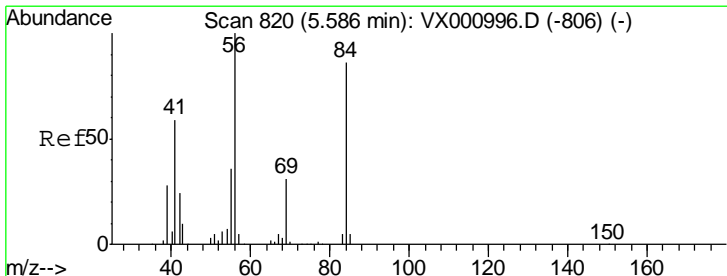
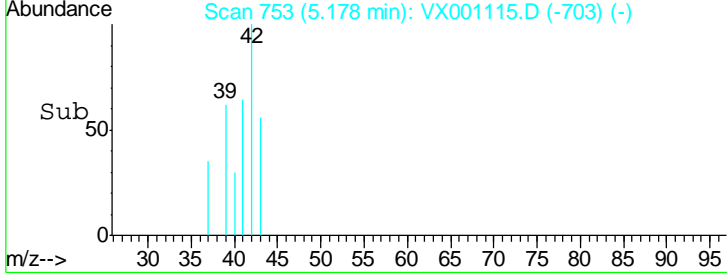
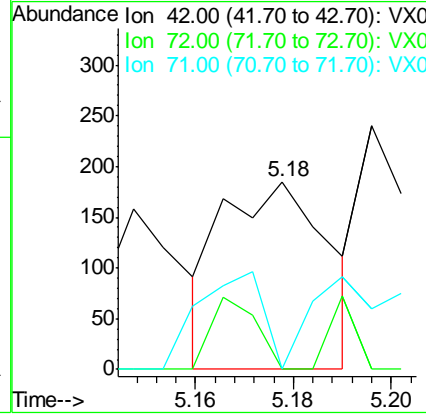
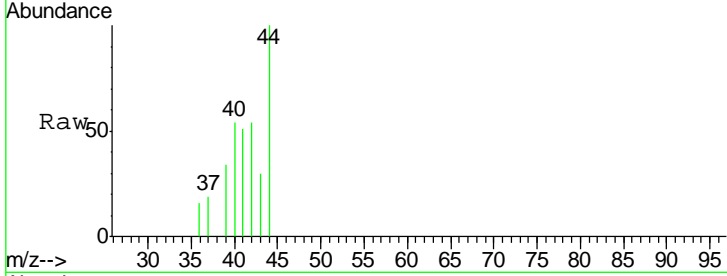




#29
 Tetrahydrofuran
 Concen: 0.242 ug/l
 RT: 5.18 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

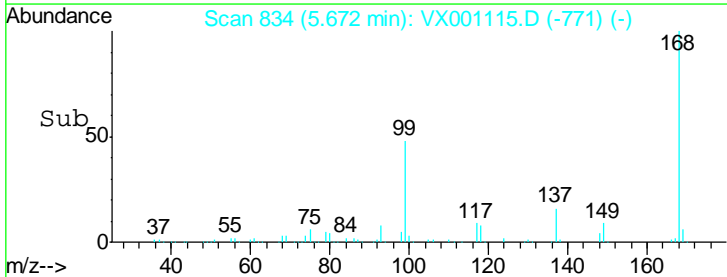
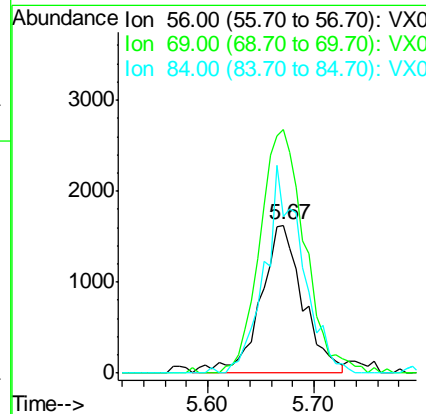
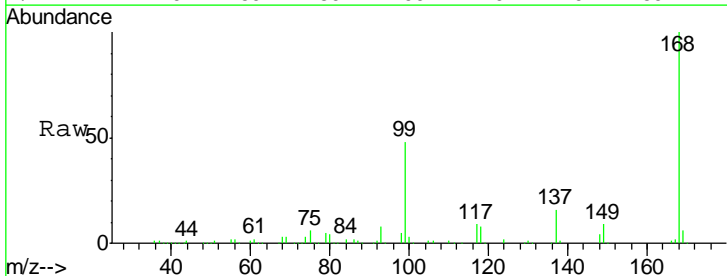
Instrument :
 MSVOA_X
 ClientSampled :

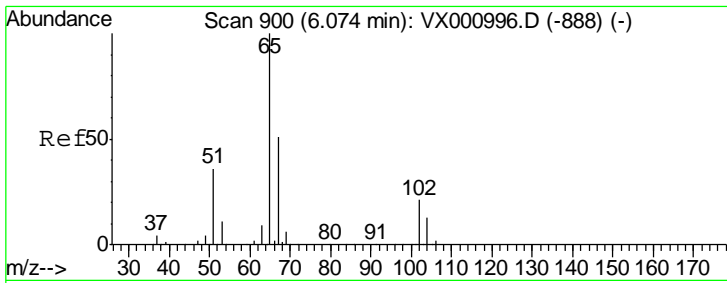
Tgt Ion	Resp	Lower	Upper
42	100		
72	16.3	34.6	52.0#
71	32.2	32.6	49.0#



#31
 Cyclohexane
 Concen: 1.041 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.09 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Resp	Lower	Upper
56	100		
69	160.8	24.6	36.8#
84	105.5	69.0	103.6#

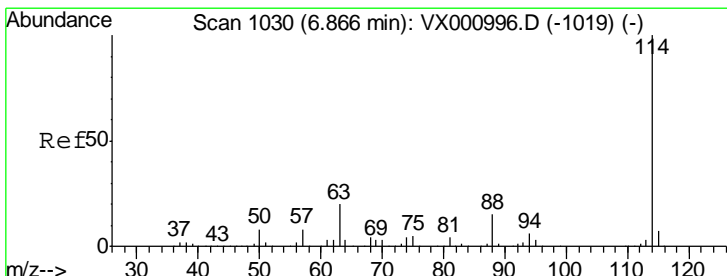
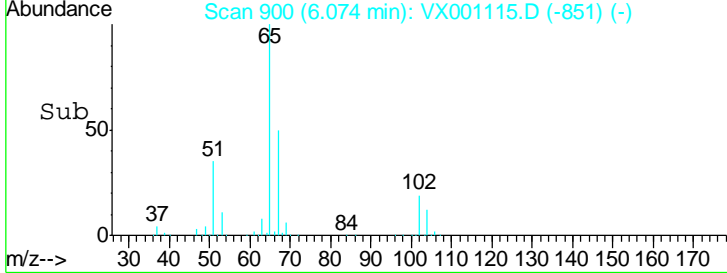
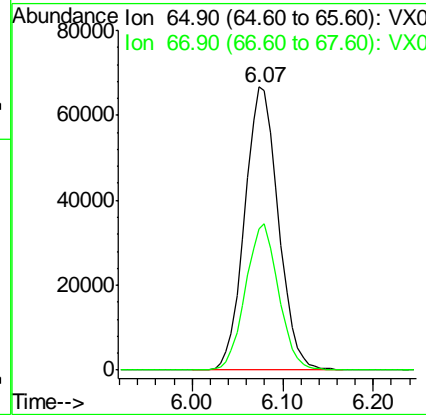
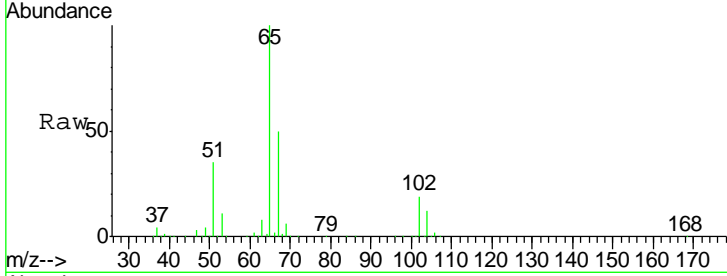




#33
 1,2-Dichloroethane-d4
 Concen: 55.767 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

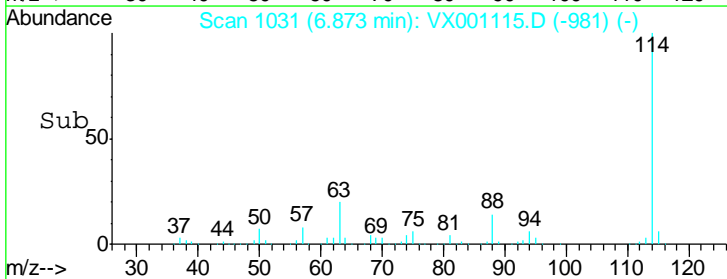
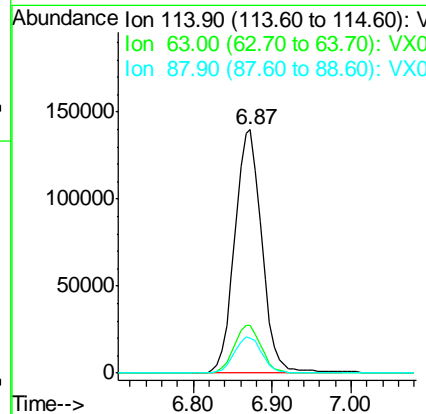
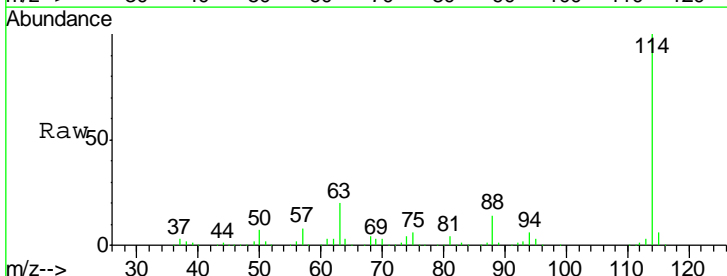
Instrument :
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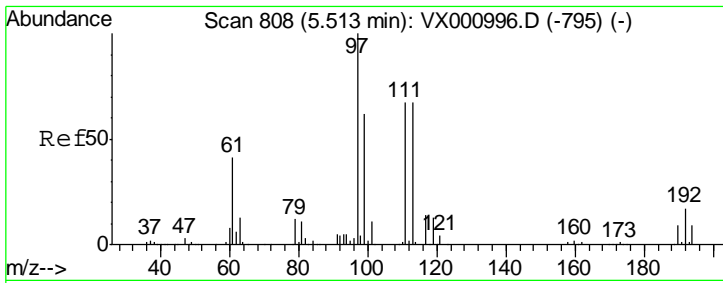
Tgt Ion	Resp	Lower	Upper
65	171485		
67	50.9	0.0	102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Resp	Lower	Upper
114	334951		
63	19.6	0.0	39.4
88	14.4	0.0	29.8

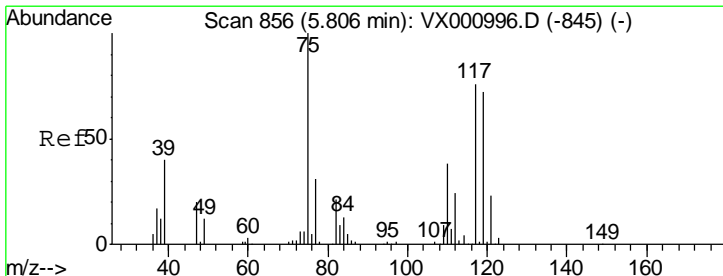
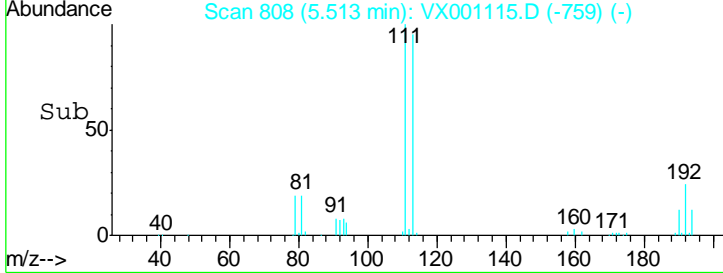
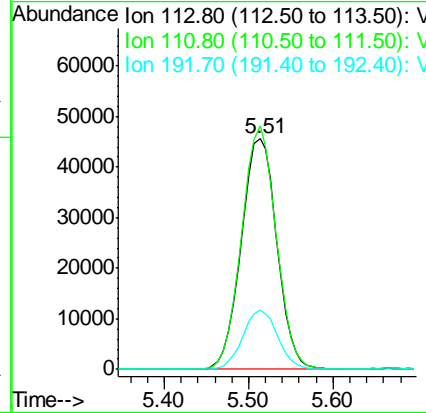
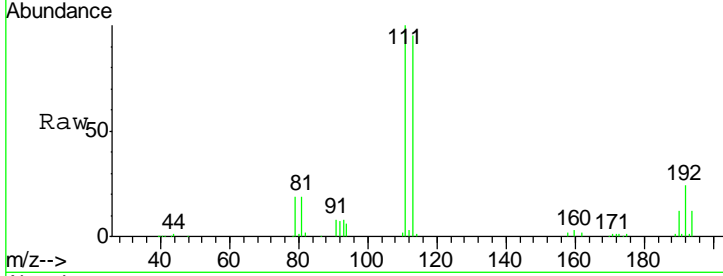




#35
 Dibromofluoromethane
 Concen: 51.176 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

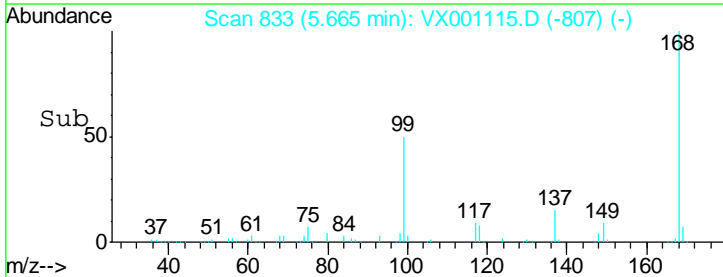
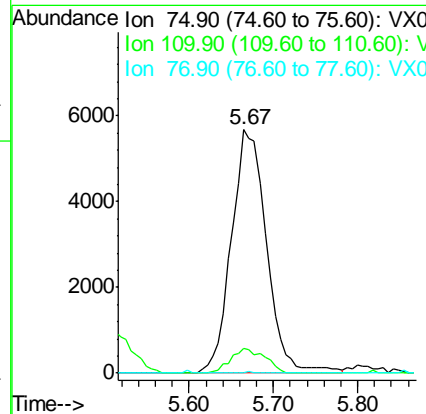
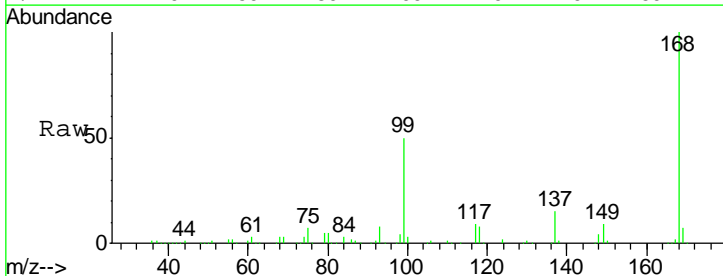
Instrument :
 MSVOA_X
 ClientSampled :

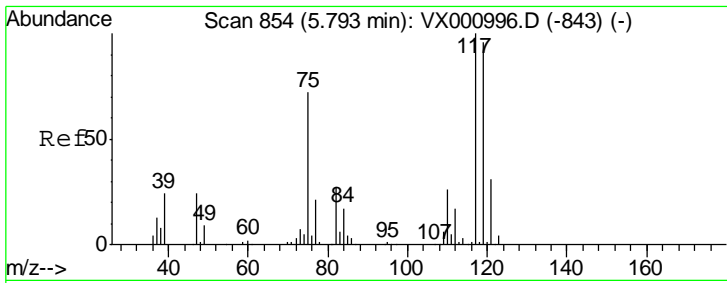
Tgt Ion	Resp	Lower	Upper
113	130709		
111	102.4	81.4	122.2
192	25.2	20.4	30.6



#36
 1,1-Dichloropropene
 Concen: 4.078 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Resp	Lower	Upper
75	16052		
110	9.8	18.7	56.1#
77	0.1	25.0	37.4#

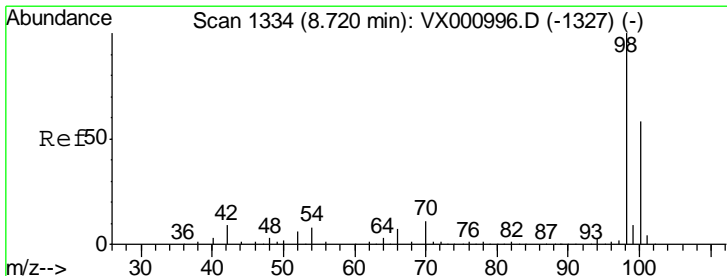
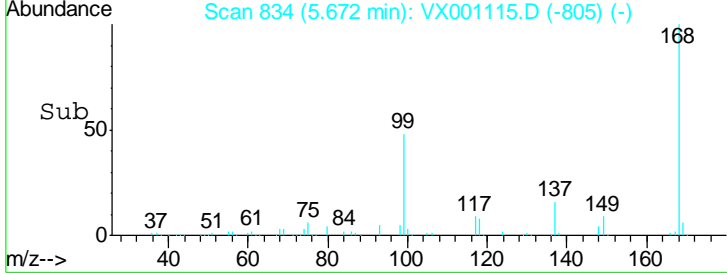
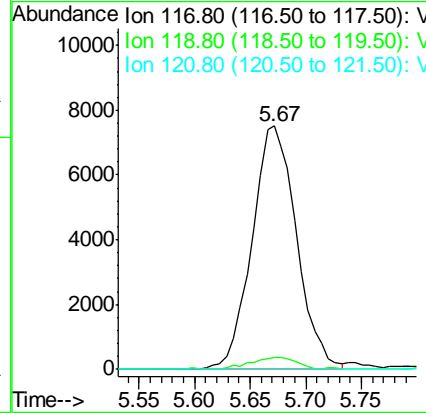
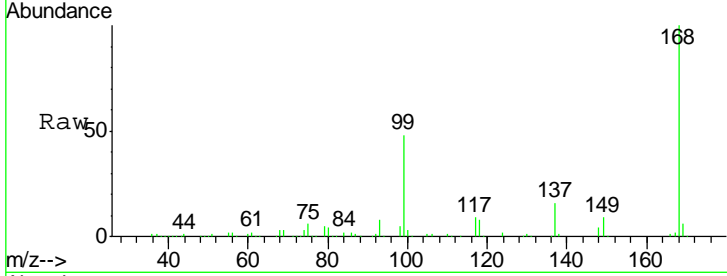




#38
 Carbon Tetrachloride
 Concen: 5.237 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

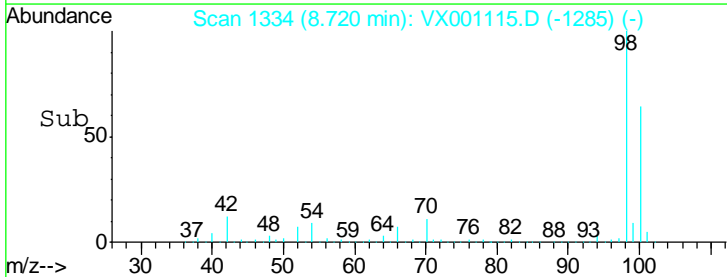
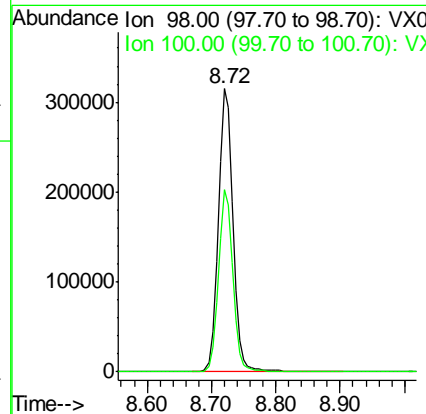
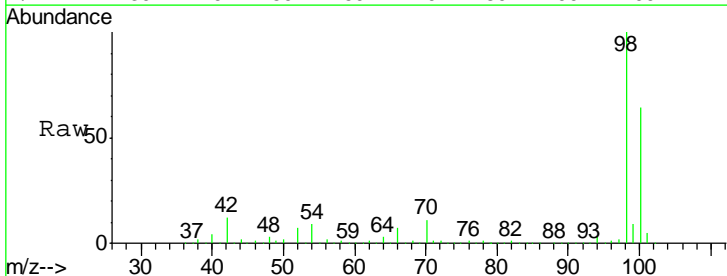
Instrument :
 MSVOA_X
 ClientSampled :

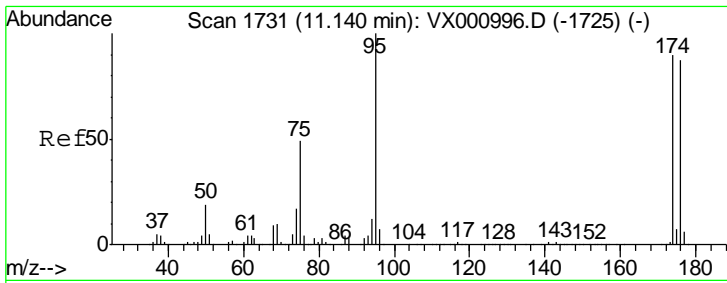
Tgt Ion	Resp	Lower	Upper
117	20872		
117	100		
119	4.7	76.5	114.7#
121	0.0	24.5	36.7#



#50
 Toluene-d8
 Concen: 53.674 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Resp	Lower	Upper
98	506910		
98	100		
100	63.5	51.9	77.9

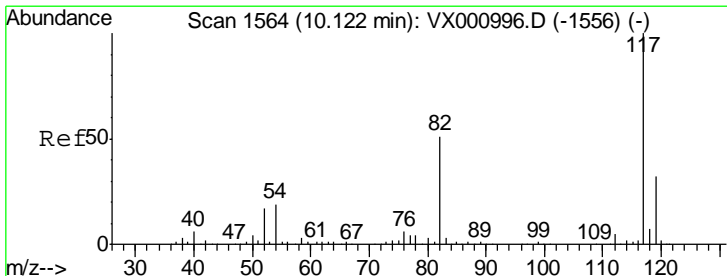
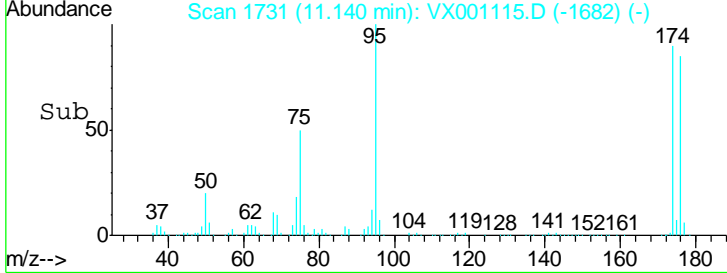
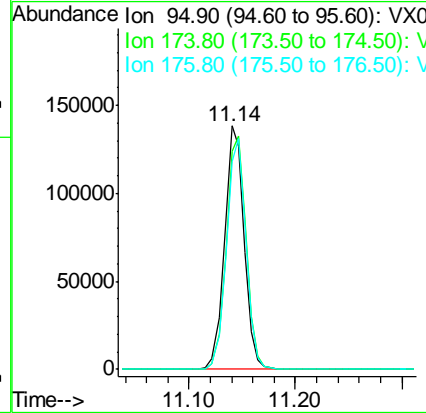
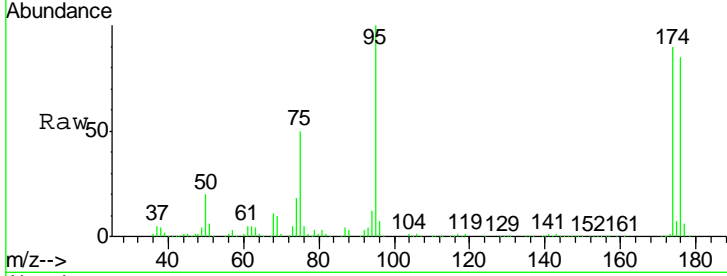




#62
 4-Bromofluorobenzene
 Concen: 44.455 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

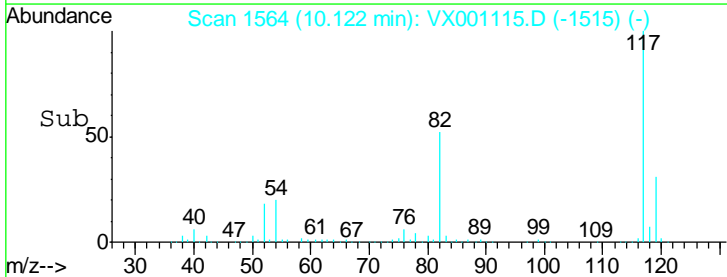
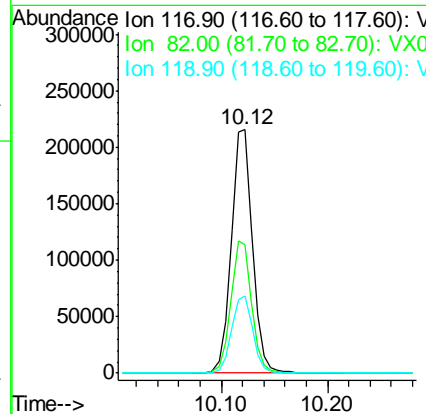
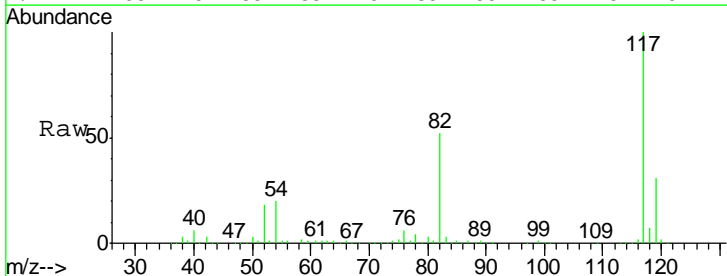
Instrument :
 MSVOA_X
 ClientSampled :

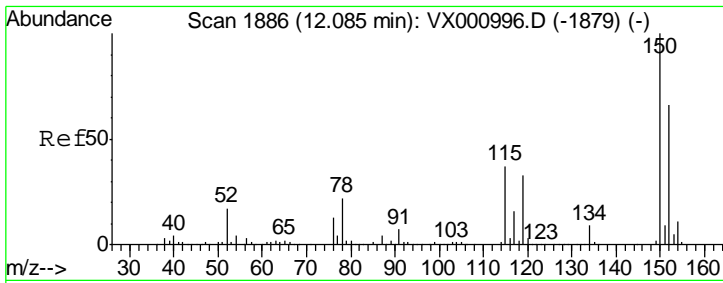
Tgt Ion	Resp	Lower	Upper
95	176200		
174	98.2	0.0	198.4
176	94.9	0.0	192.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Resp	Lower	Upper
117	300601		
82	52.5	40.6	60.8
119	31.5	26.0	39.0

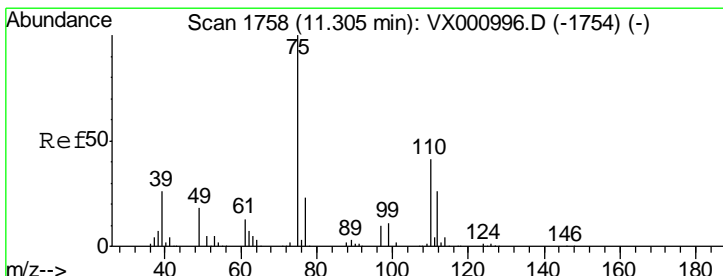
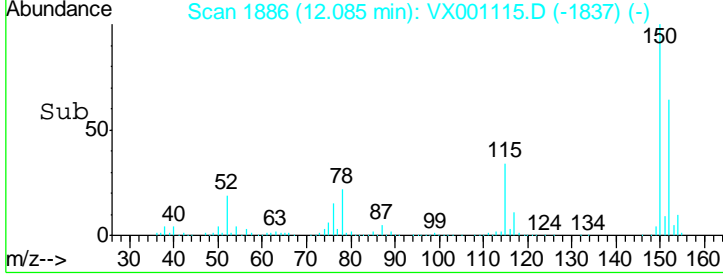
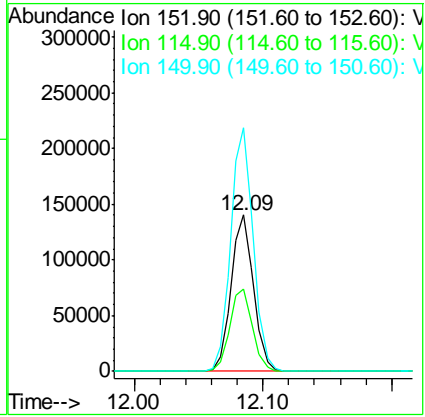
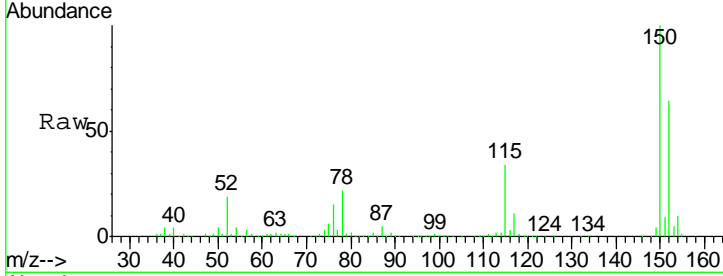




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

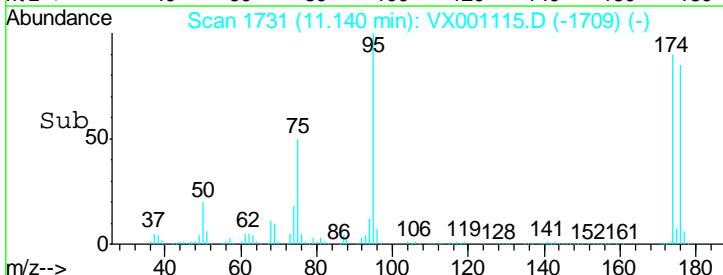
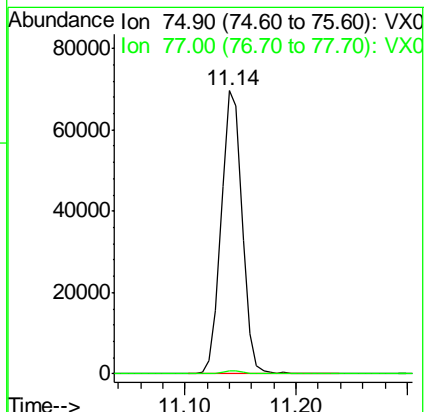
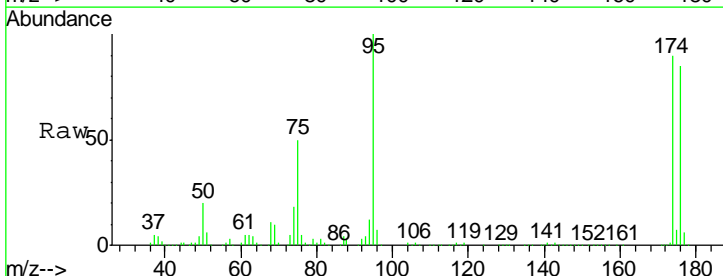
Instrument :
 MSVOA_X
 ClientSampled :

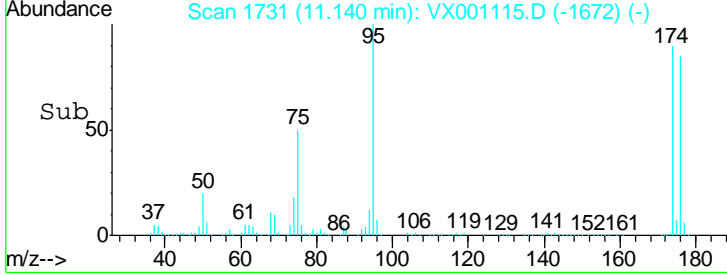
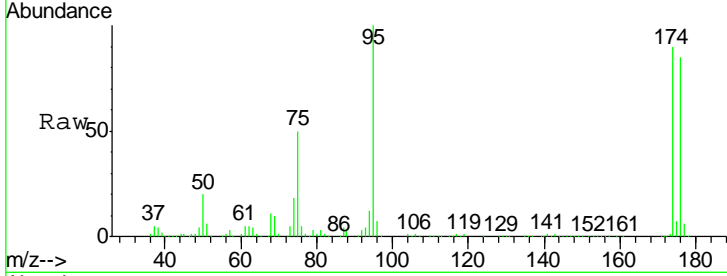
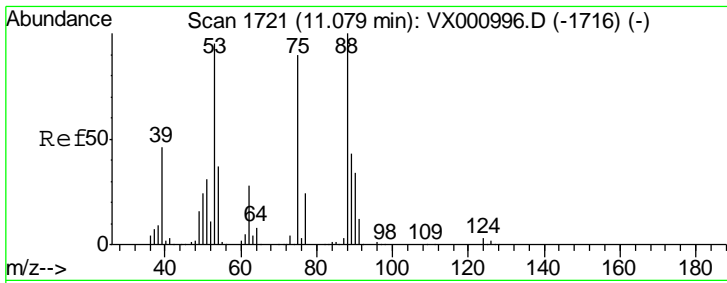
Tgt Ion	Resp	Lower	Upper
152	170171		
152	100		
115	53.9	38.2	114.6
150	156.8	0.0	350.4



#76
 1,2,3-Trichloropropane
 Concen: 30.739 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Resp	Lower	Upper
75	90756		
75	100		
77	1.2	19.6	58.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.454 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001115.D
 Acq: 25 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampled :

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

