

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007125.D
 Acq On : 18 Jan 2019 10:56
 Operator : JC/SP
 Sample : VX0118WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :
 VX0118WBL01

Quant Time: Jan 18 21:47:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	560967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	861482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	799327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	387659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	299730	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	5.50	113	265061	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.71	98	1028672	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.13	95	362858	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

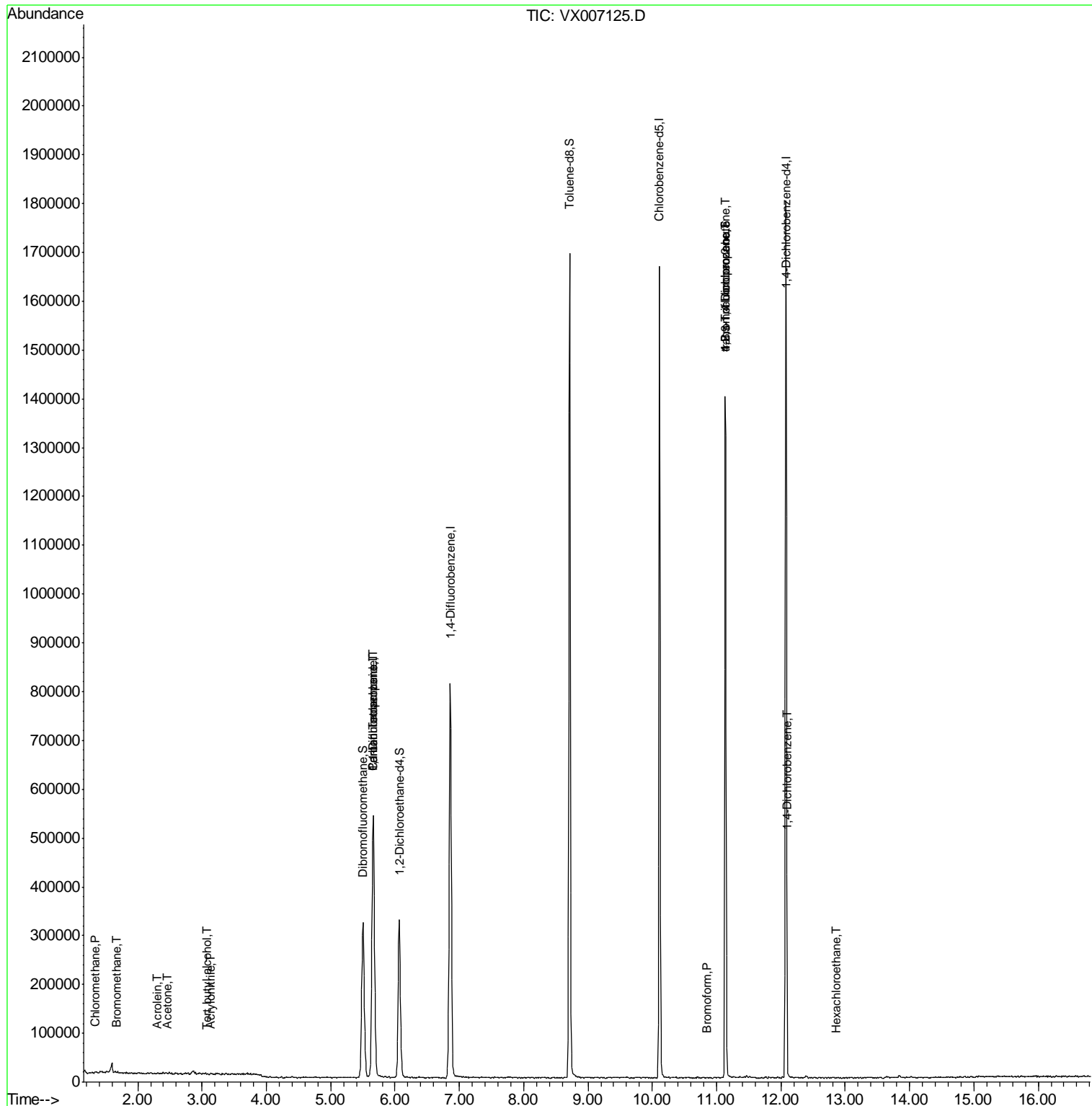
						Qvalue
3) Chloromethane	1.33	50	1216	0.227	ug/l #	76
5) Bromomethane	1.67	94	1391	0.226	ug/l #	67
11) Tert butyl alcohol	3.07	59	353	0.255	ug/l #	1
13) Acrolein	2.31	56	219	3.447	ug/l #	13
15) Acrylonitrile	3.14	53	926	0.292	ug/l #	21
16) Acetone	2.45	43	1248	0.431	ug/l #	78
36) 1,1-Dichloropropene	5.67	75	36454	4.867	ug/l #	49
38) Carbon Tetrachloride	5.66	117	51378	6.818	ug/l #	13
49) 1,4-Dioxane	7.75	88	287	Below Cal	#	1
71) Bromoform	10.85	173	129	4.750	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	169460	21.571	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	169460	63.957	ug/l #	10
88) 1,4-Dichlorobenzene	12.10	146	1515	0.262	ug/l #	1
90) Hexachloroethane	12.86	117	40	2.918	ug/l	80

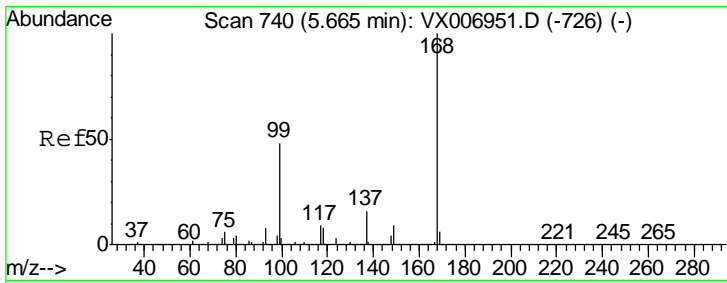
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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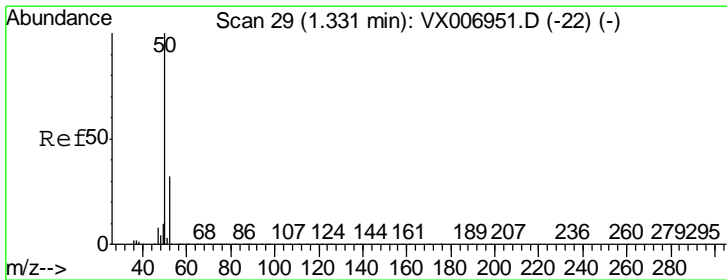
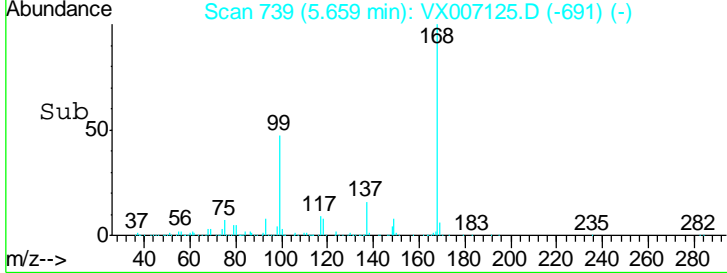
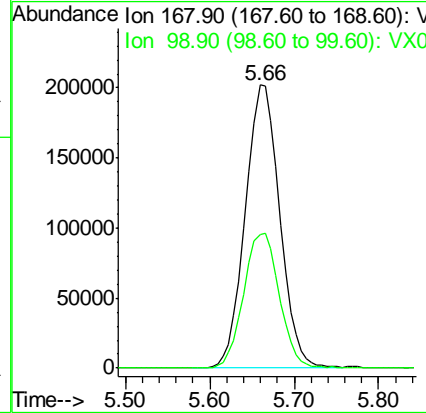
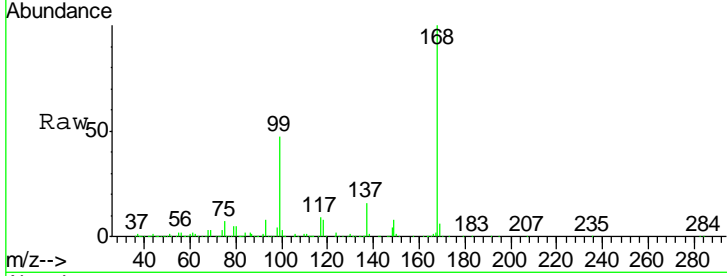




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

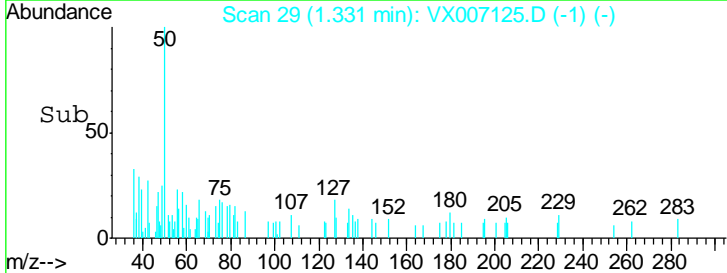
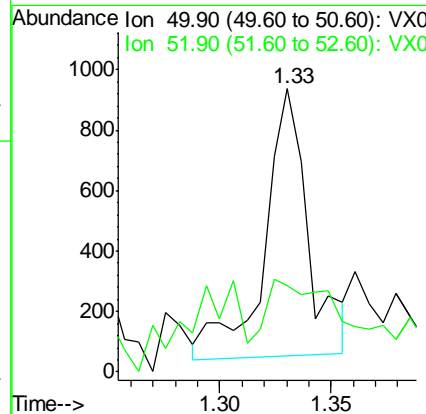
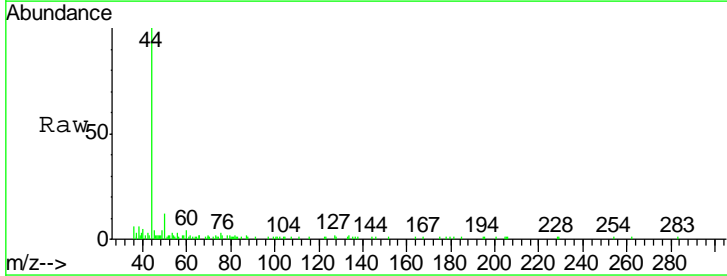
Instrument : MSVOA_X
 ClientSampled : VX0118WBL01

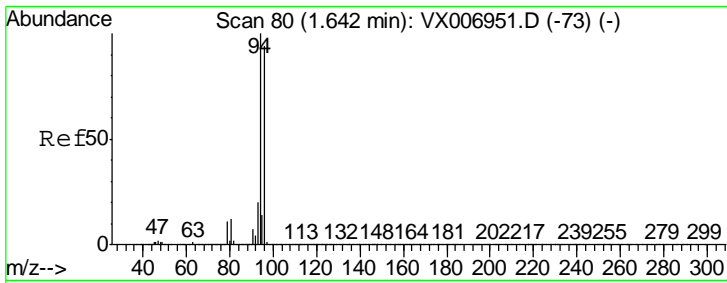
Tgt Ion	Resp	Lower	Upper
168	100		
99	47.0	41.8	62.8



#3
 Chloromethane
 Concen: 0.227 ug/l
 RT: 1.33 min Scan# 29
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
50	100		
52	18.6	25.4	38.2#

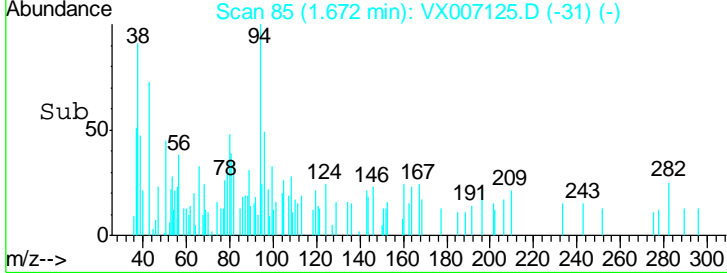
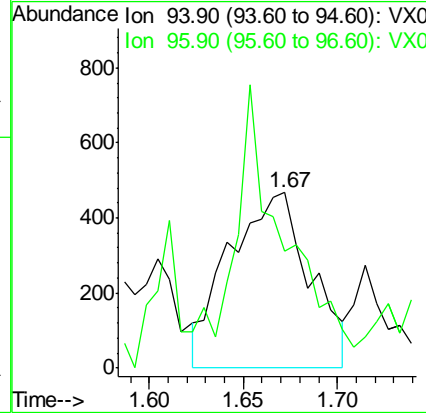
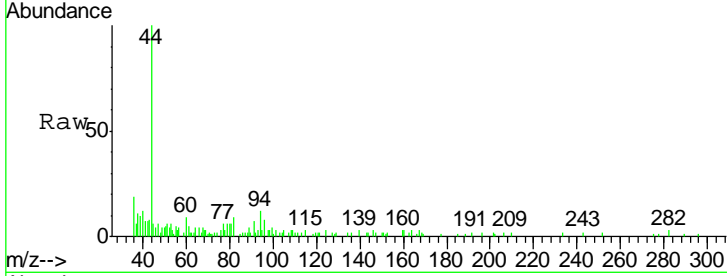




#5
 Bromomethane
 Concen: 0.226 ug/l
 RT: 1.67 min Scan# 85
 Delta R.T. 0.03 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

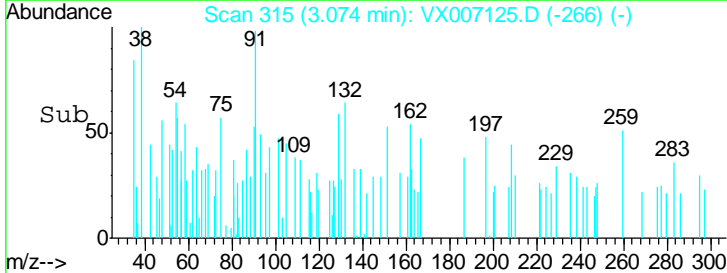
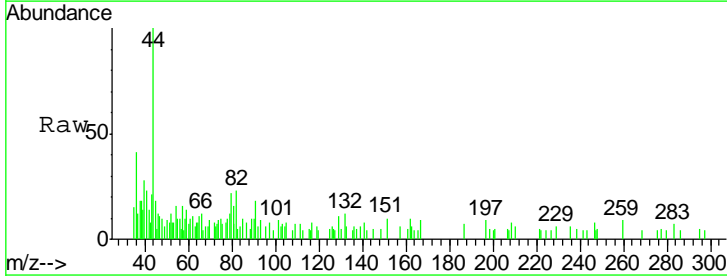
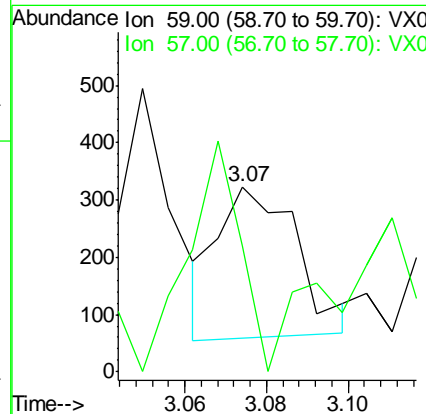
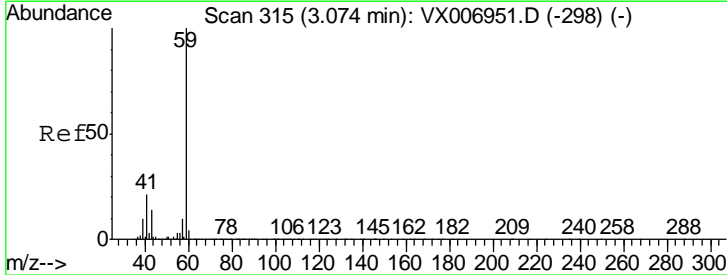
Instrument :
 MSVOA_X
ClientSampled :
 VX0118WBL01

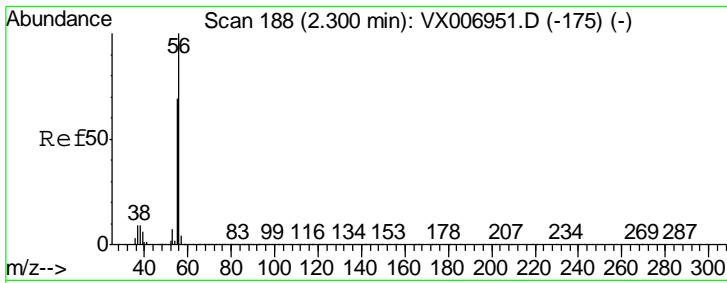
Tgt Ion: 94 Resp: 1391
 Ion Ratio Lower Upper
 94 100
 96 60.5 73.4 110.2#



#11
 Tert butyl alcohol
 Concen: 0.255 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion: 59 Resp: 353
 Ion Ratio Lower Upper
 59 100
 57 100.0 8.5 12.7#

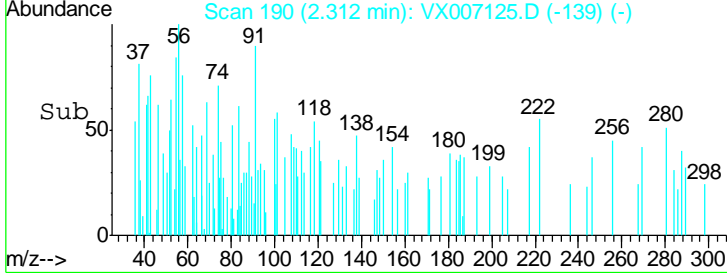
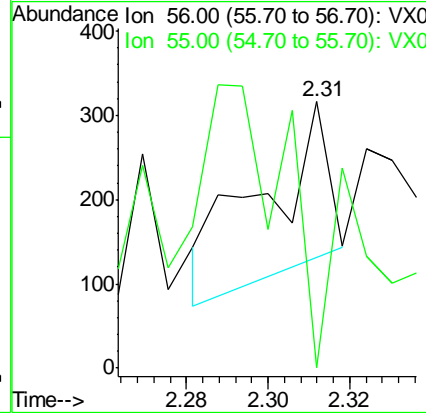
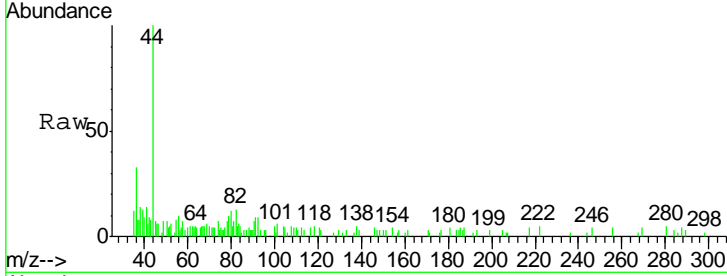




#13
 Acrolein
 Concen: 3.447 ug/l
 RT: 2.31 min Scan# 190
 Delta R.T. 0.01 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

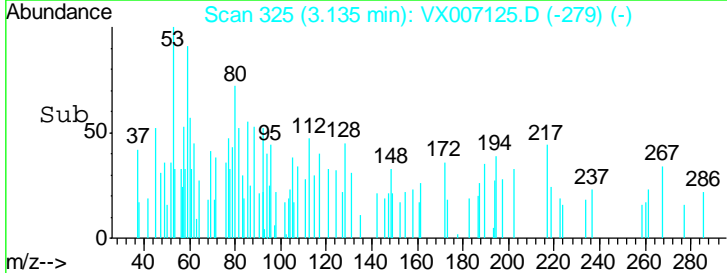
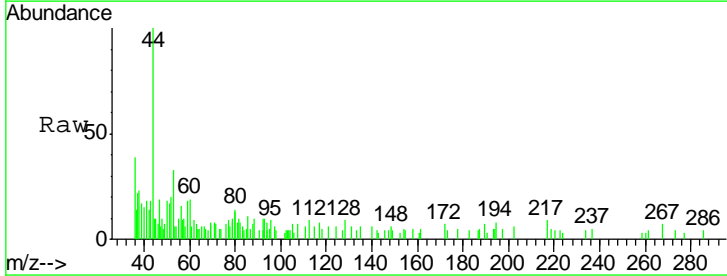
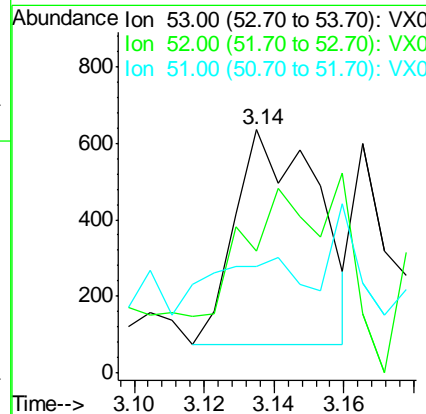
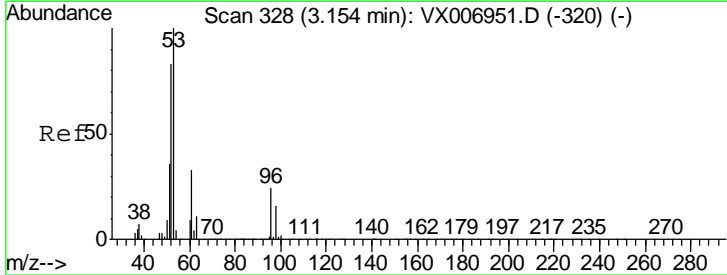
Instrument :
 MSVOA_X
ClientSampled :
 VX0118WBL01

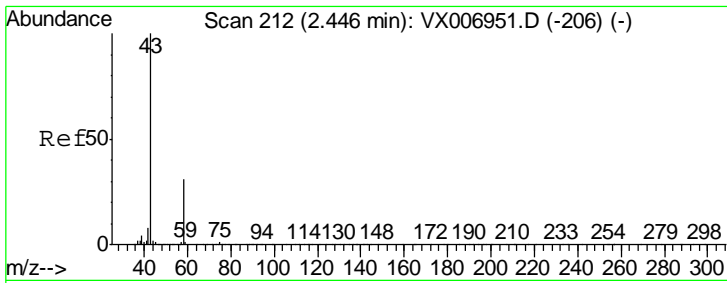
Tgt Ion	Resp	Lower	Upper
56	100		
55	0.0	58.2	87.4#



#15
 Acrylonitrile
 Concen: 0.292 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. -0.02 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	63.8	28.6	42.8#

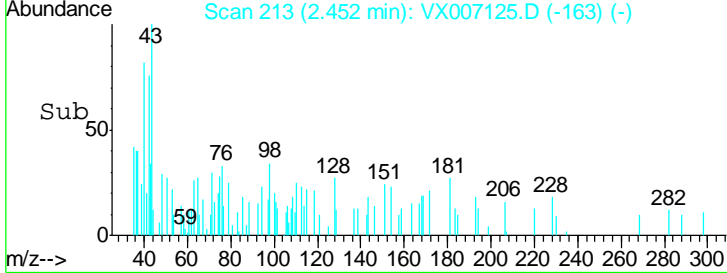
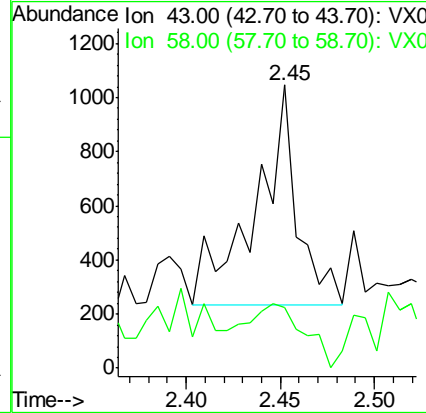
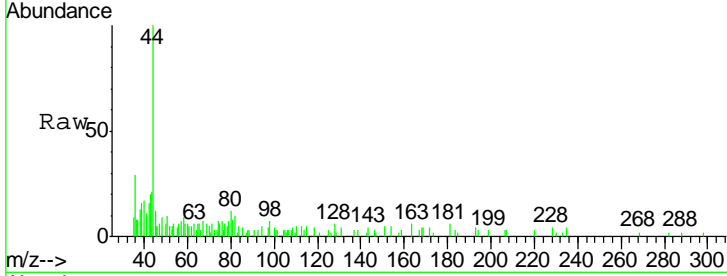




#16
 Acetone
 Concen: 0.431 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

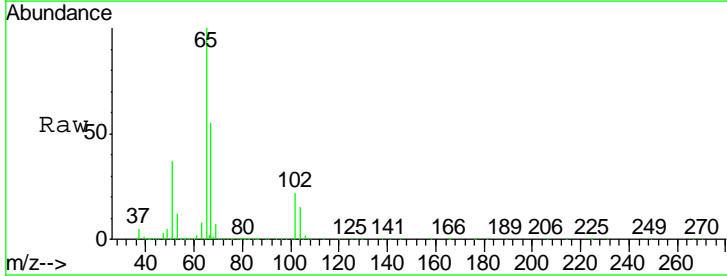
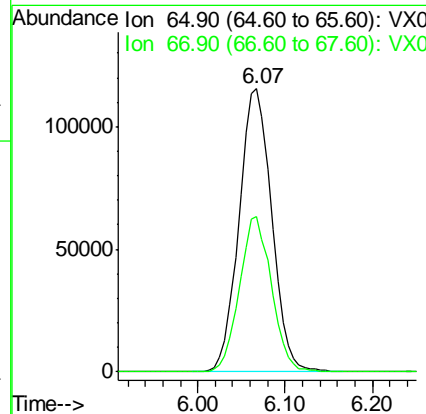
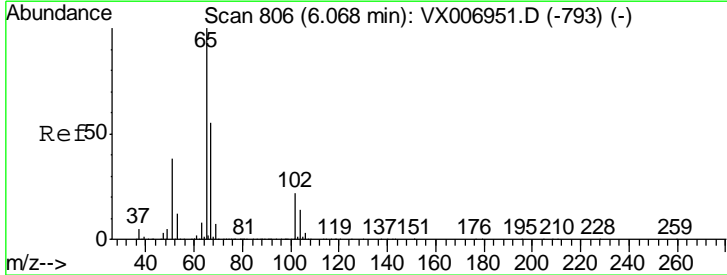
Instrument :
 MSVOA_X
ClientSampled :
 VX0118WBL01

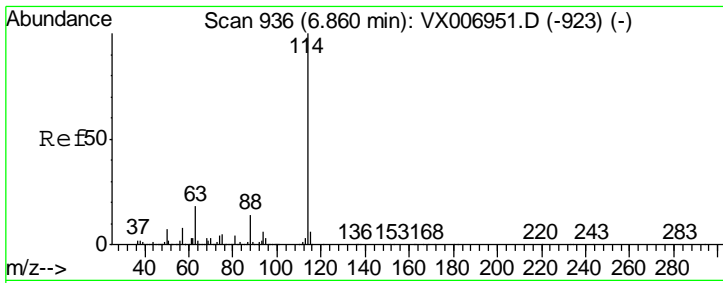
Tgt Ion	Resp	Lower	Upper
43	100		
58	19.4	25.0	37.6#



#33
 1,2-Dichloroethane-d4
 Concen: 51.126 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
65	100		
67	54.0	0.0	105.0

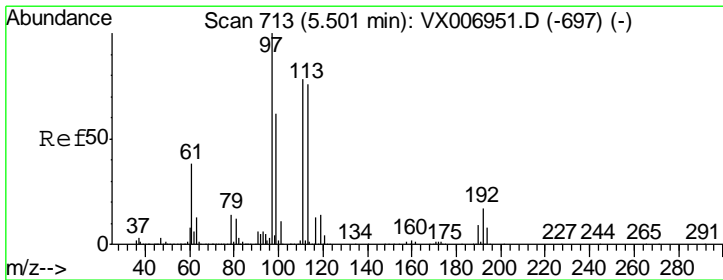
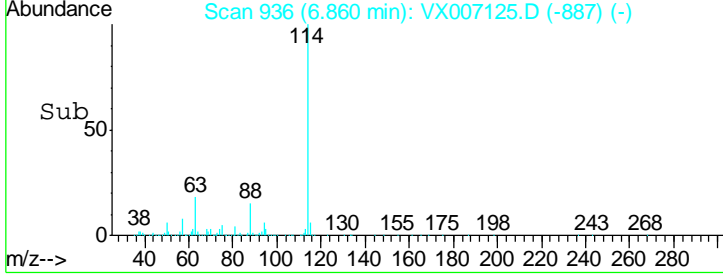
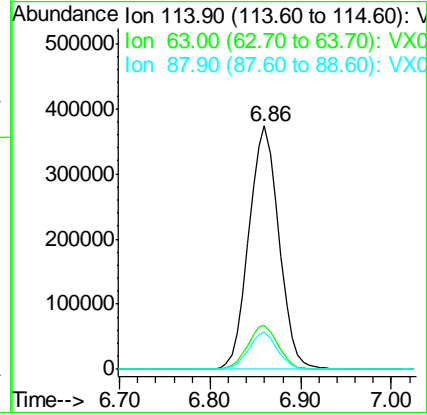
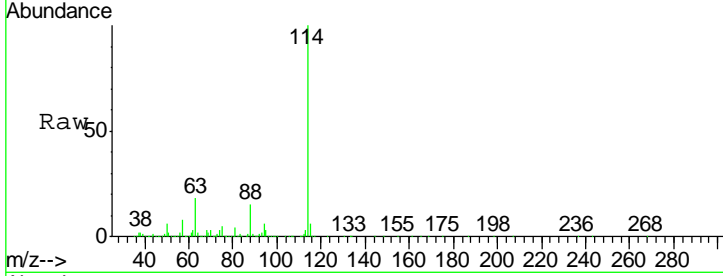




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

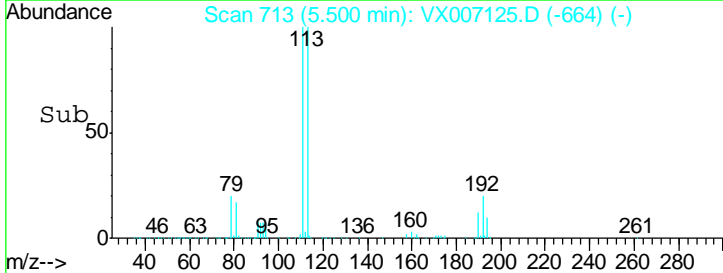
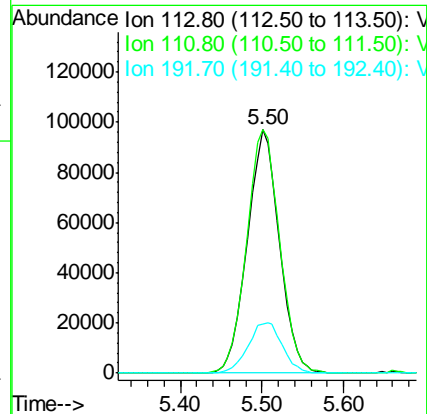
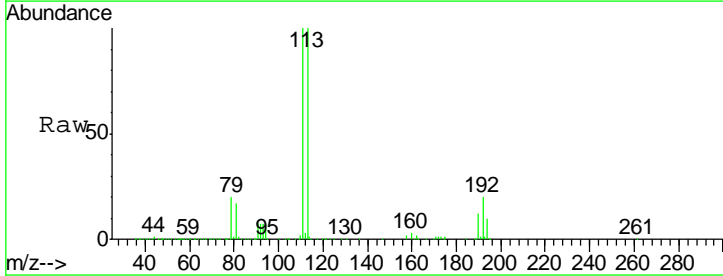
Instrument : MSVOA_X
 ClientSampled : VX0118WBL01

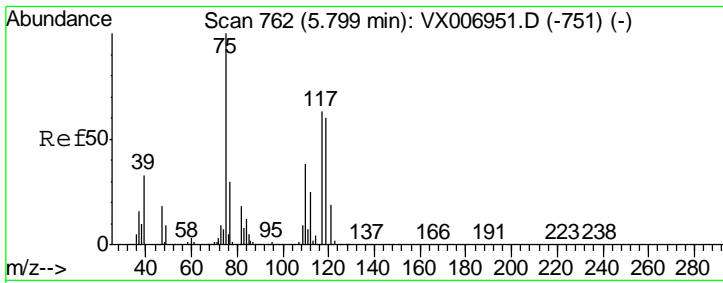
Tgt Ion	Resp	Lower	Upper
114	100		
63	18.1	0.0	34.8
88	15.2	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 48.045 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	22.2	16.7	25.1

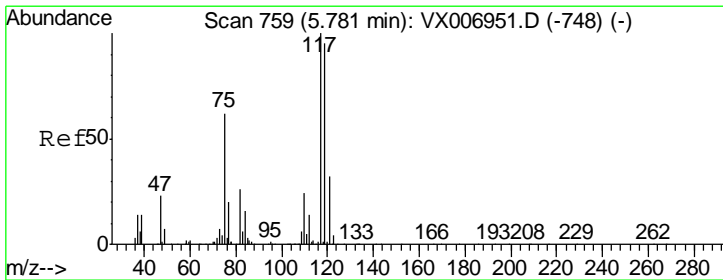
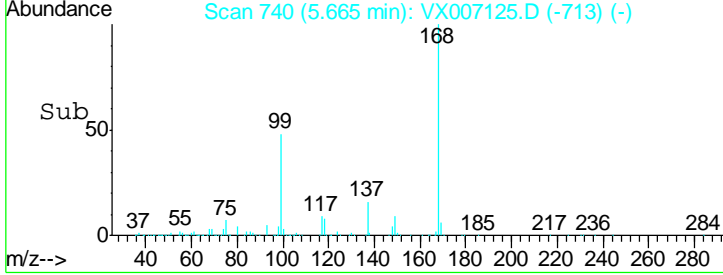
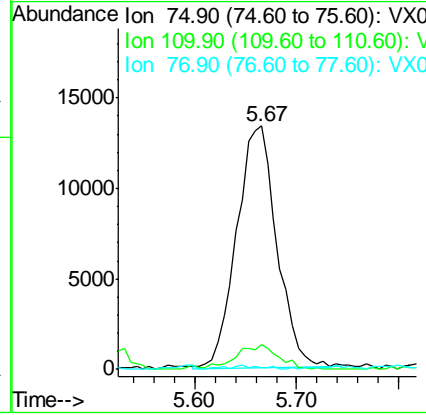
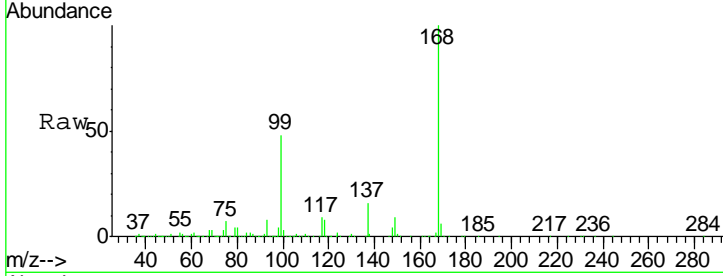




#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

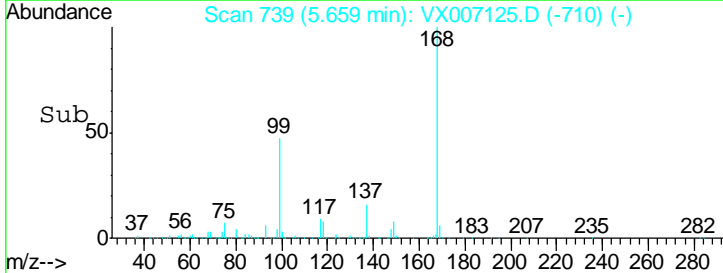
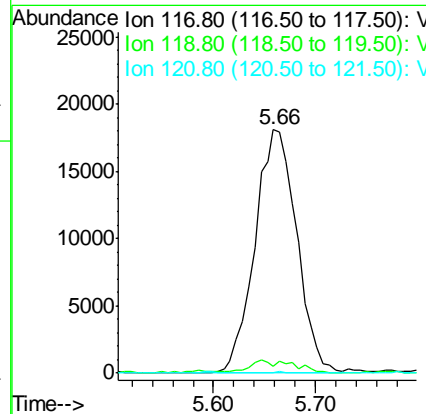
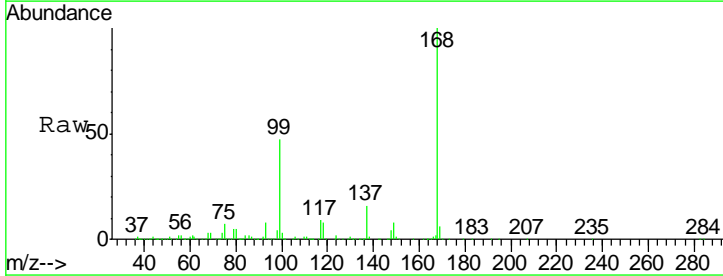
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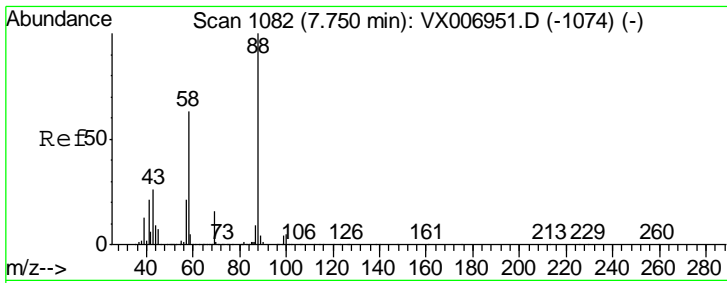
Tgt Ion	Resp	Lower	Upper
75	100		
110	10.7	20.2	60.5#
77	1.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.818 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
117	100		
119	3.0	79.4	119.2#
121	0.0	24.0	36.0#

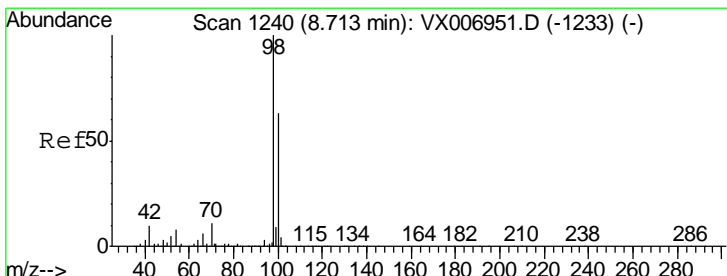
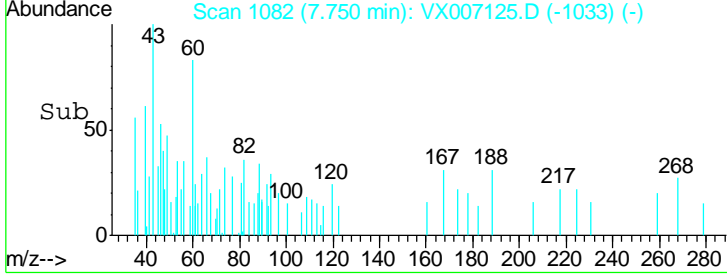
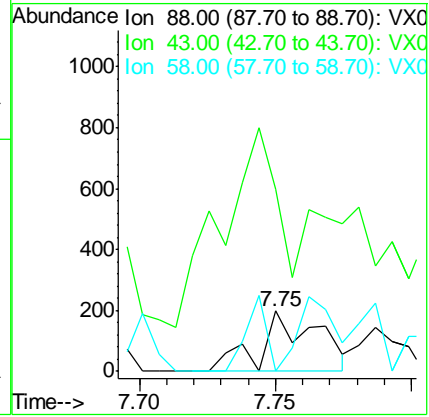
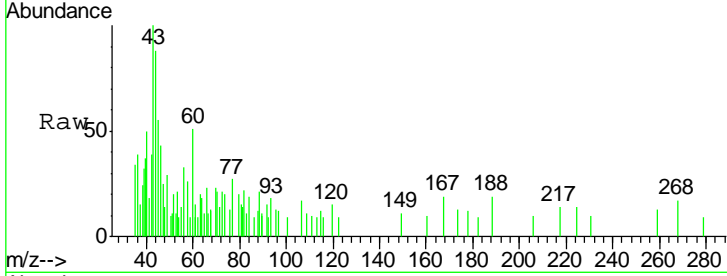




#49
 1,4-Dioxane
 Concen: Below Cal
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

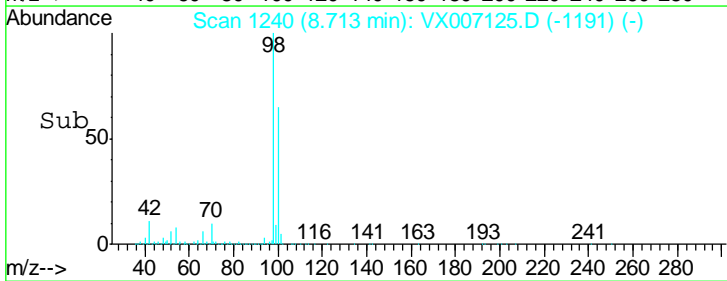
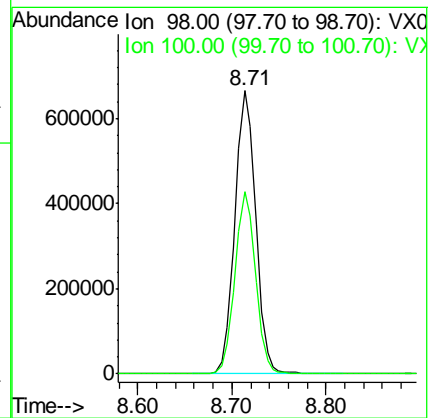
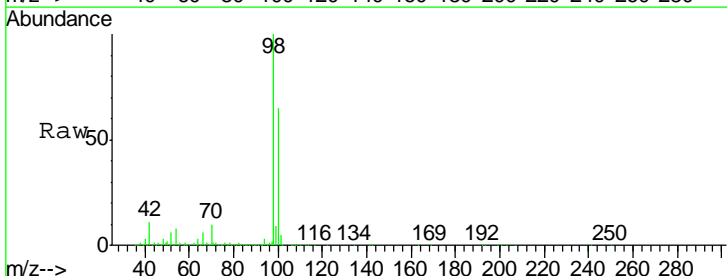
Instrument : MSVOA_X
 ClientSampled : VX0118WBL01

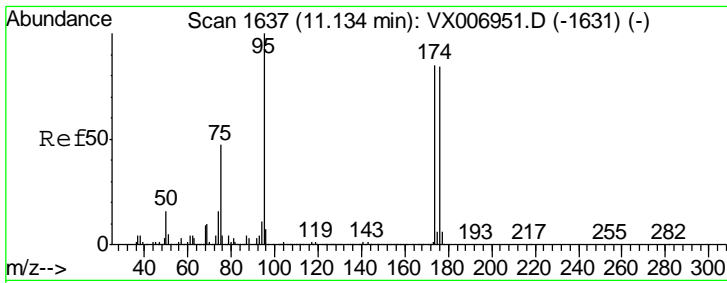
Tgt Ion	Resp	Lower	Upper
88	100		
43	335.5	22.2	33.4#
58	43.9	51.0	76.4#



#50
 Toluene-d8
 Concen: 50.941 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
98	100		
100	63.6	52.0	78.0

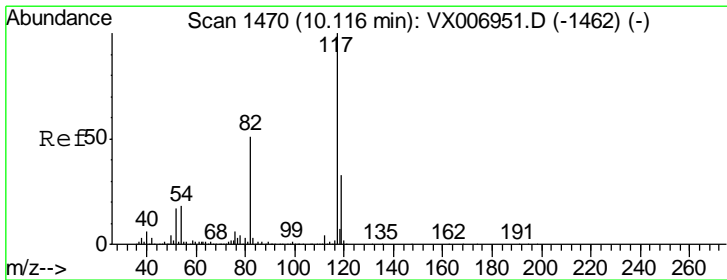
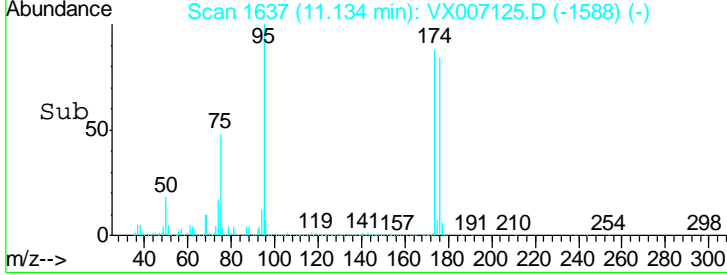
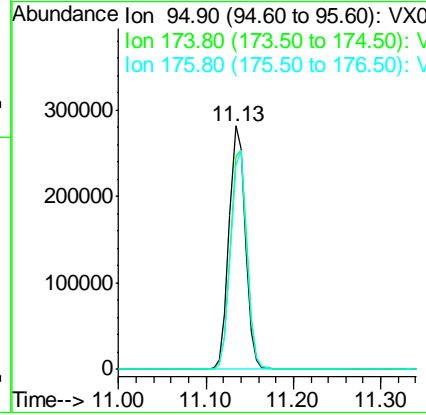
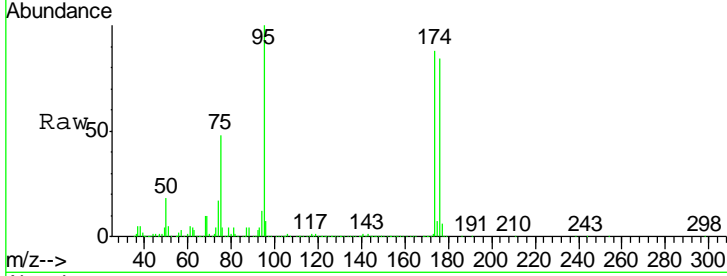




#62
 4-Bromofluorobenzene
 Concen: 51.543 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

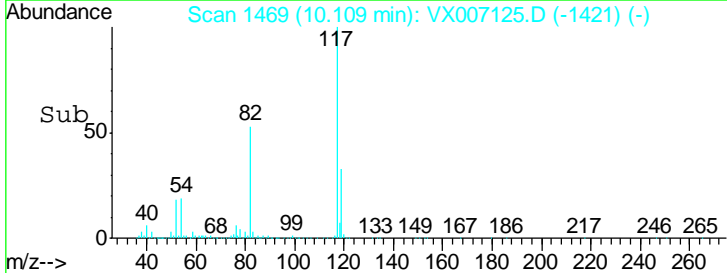
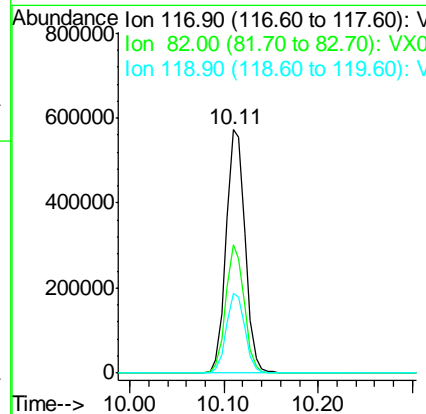
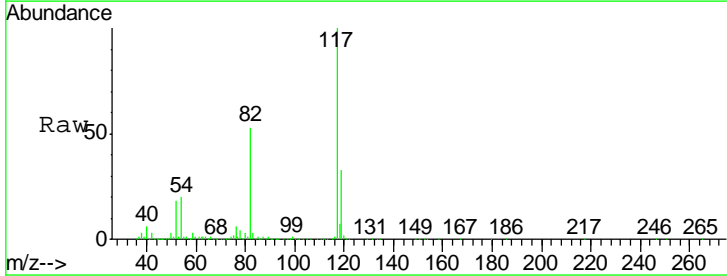
Instrument : MSVOA_X
 ClientSampled : VX0118WBL01

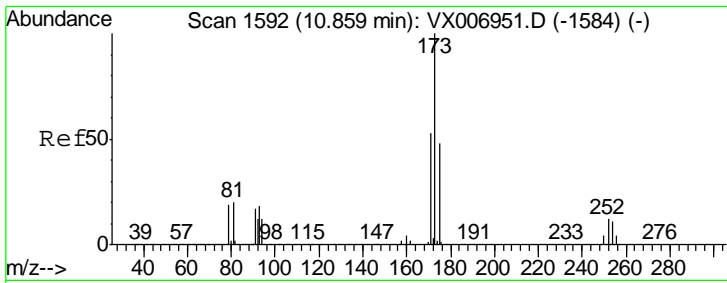
Tgt Ion	Resp	Lower	Upper
95	100		
174	92.1	0.0	182.2
176	89.4	0.0	178.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
117	100		
82	52.9	41.0	61.6
119	32.7	25.4	38.0

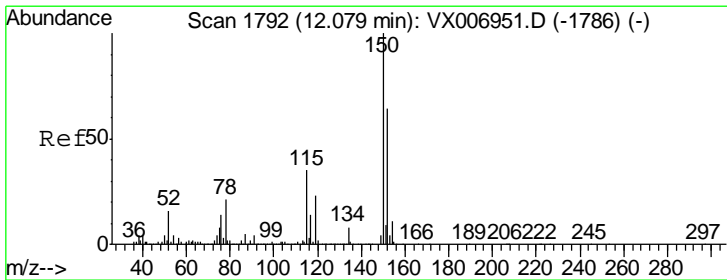
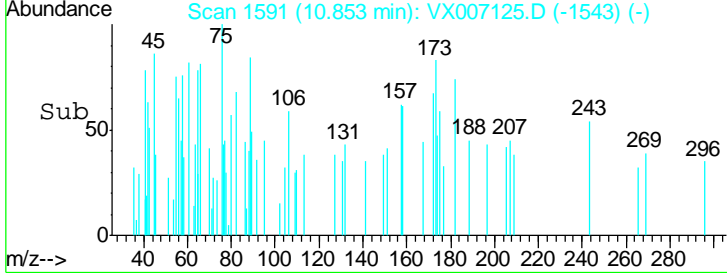
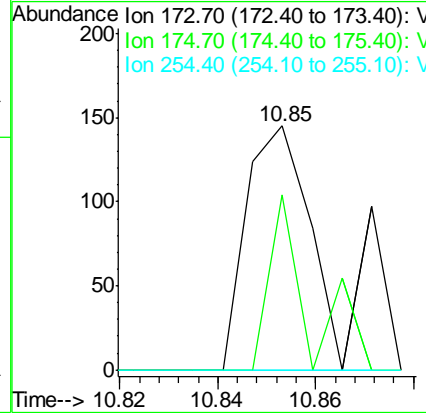
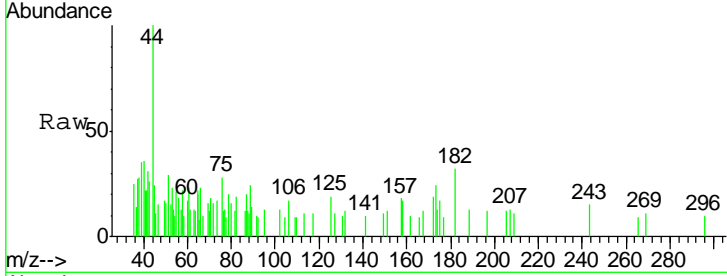




#71
 Bromoform
 Concen: 4.750 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

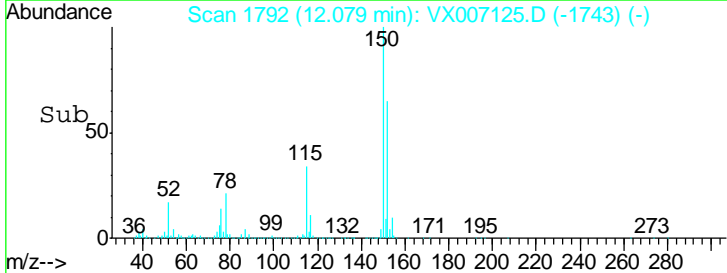
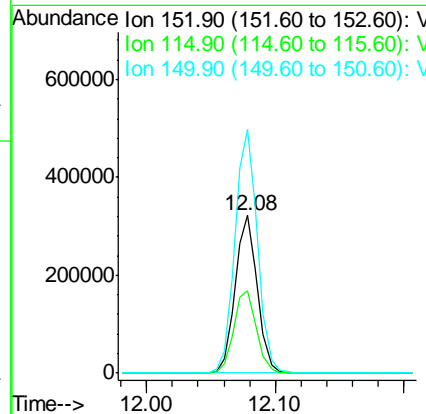
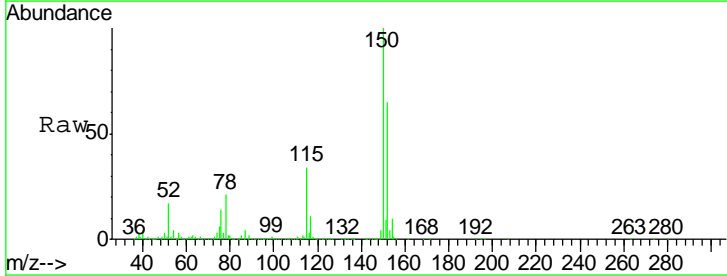
Instrument : MSVOA_X
 ClientSampled : VX0118WBL01

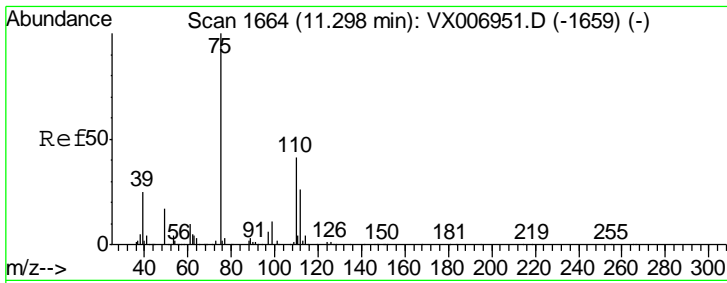
Tgt Ion	Resp	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
152	100		
115	54.0	39.1	117.2
150	156.8	0.0	344.8

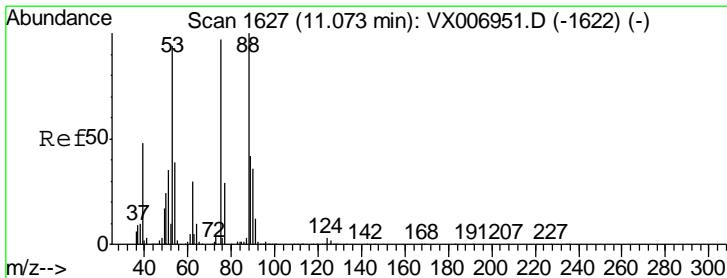
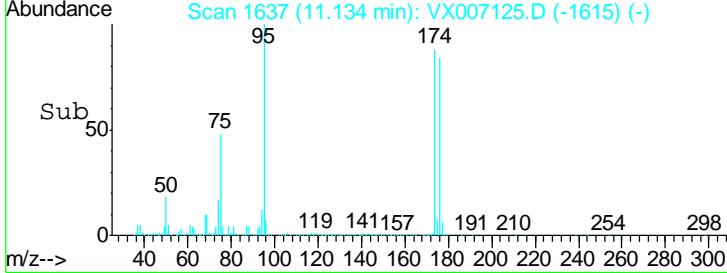
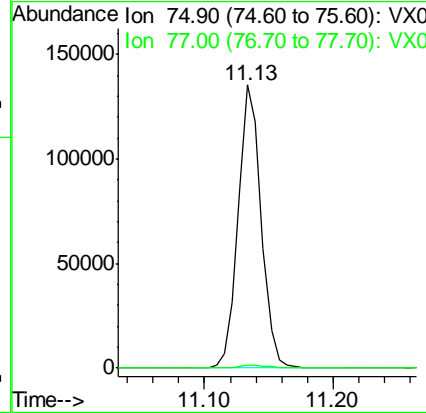
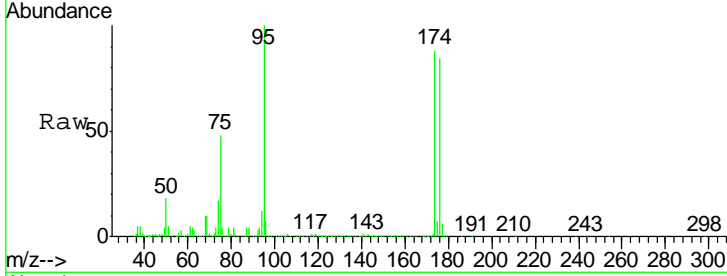




#76
 1,2,3-Trichloropropane
 Concen: 21.571 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

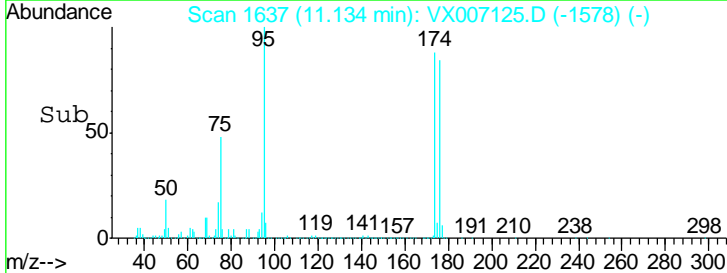
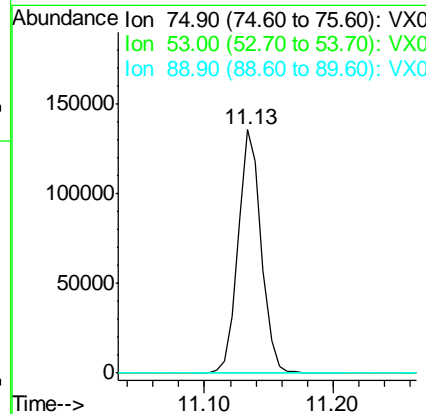
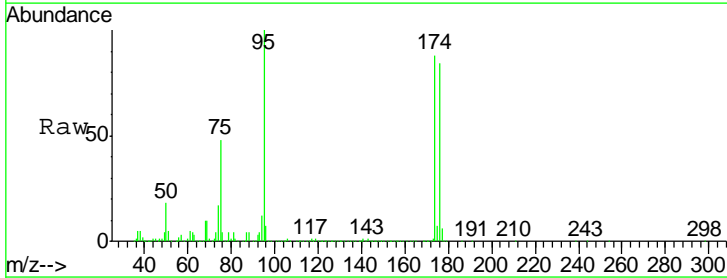
Instrument :
 MSVOA_X
 ClientSampled :
 VX0118WBL01

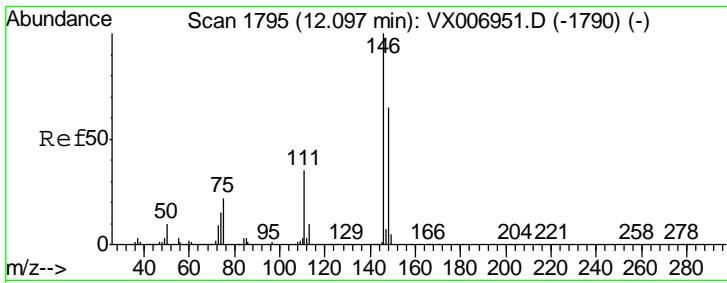
Tgt Ion: 75 Resp: 169460
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.5 55.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.957 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion: 75 Resp: 169460
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.7 119.5#
 89 0.1 38.0 57.0#

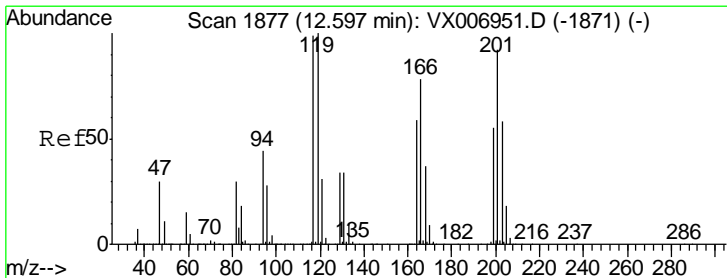
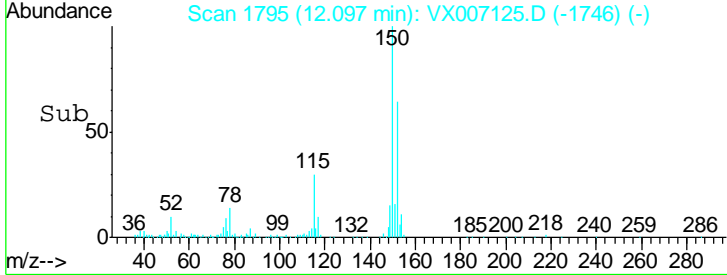
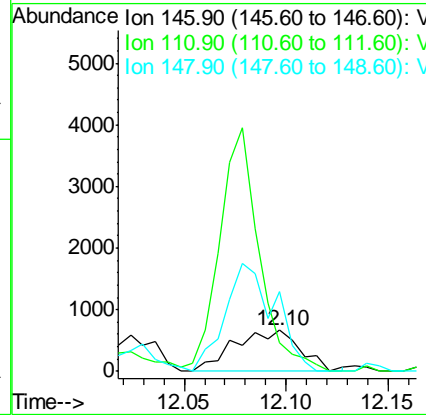
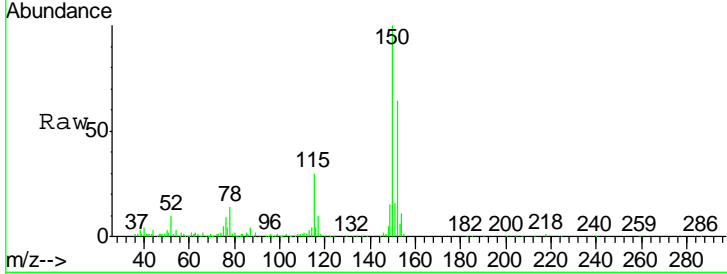




#88
 1,4-Dichlorobenzene
 Concen: 0.262 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0118WBL01

Tgt Ion	Resp	Lower	Upper
146	1515		
111	351.1	18.1	54.1#
148	196.0	31.9	95.9#



#90
 Hexachloroethane
 Concen: 2.918 ug/l
 RT: 12.86 min Scan# 1920
 Delta R.T. 0.26 min
 Lab File: VX007125.D
 Acq: 18 Jan 2019 10:56

Tgt Ion	Resp	Lower	Upper
117	40		
117	100		
201	67.5	42.9	128.7

