

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007303.D
 Acq On : 30 Jan 2019 09:59
 Operator : JC/SP
 Sample : VX0130WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :
 VX0131WBL01

Quant Time: Jan 31 00:16:20 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	551043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	834623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	778879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	381090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	291844	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	5.50	113	261742	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	997857	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.13	95	353494	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

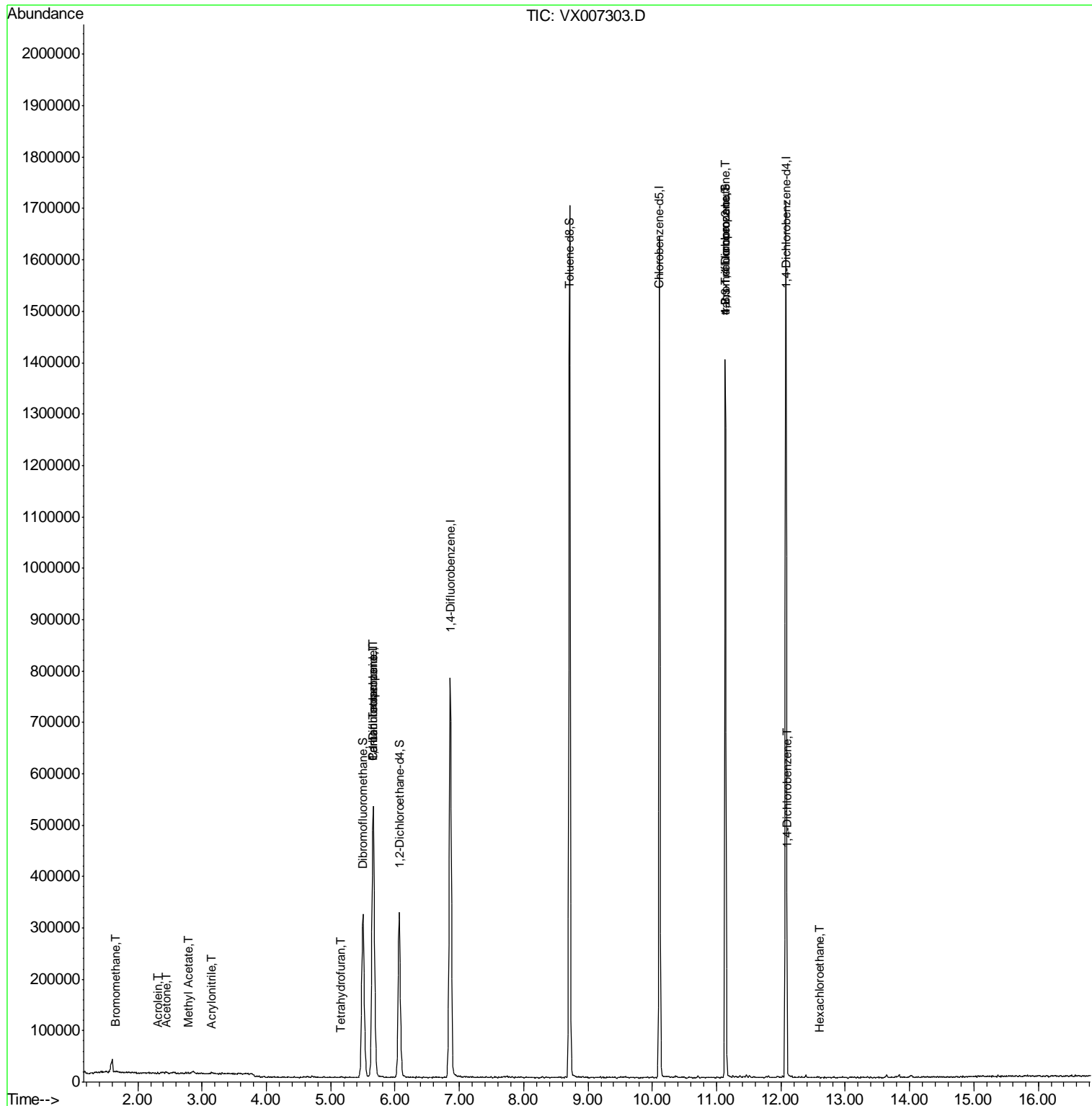
						Qvalue
5) Bromomethane	1.65	94	1438	0.238	ug/l #	76
13) Acrolein	2.31	56	382	3.728	ug/l	99
15) Acrylonitrile	3.15	53	1319	0.423	ug/l #	83
16) Acetone	2.44	43	847	0.298	ug/l #	43
18) Methyl Acetate	2.78	43	1856	0.225	ug/l #	79
20) Methylene Chloride	2.86	84	2069	Below Cal	#	88
29) Tetrahydrofuran	5.15	42	766	0.289	ug/l #	64
36) 1,1-Dichloropropene	5.67	75	36382	5.014	ug/l #	39
38) Carbon Tetrachloride	5.66	117	48160	6.597	ug/l #	15
49) 1,4-Dioxane	7.74	88	61	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	168400	21.806	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	168400	64.612	ug/l #	10
88) 1,4-Dichlorobenzene	12.10	146	1770	0.284	ug/l #	1
90) Hexachloroethane	12.61	117	92	2.931	ug/l	54

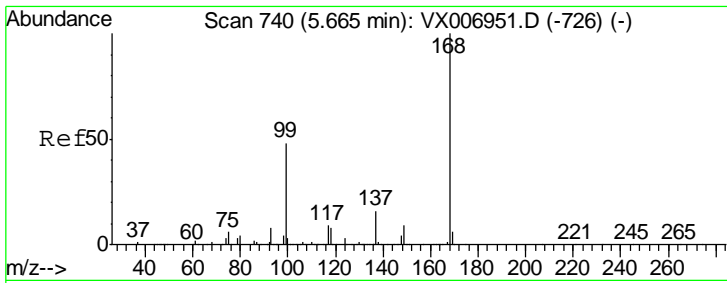
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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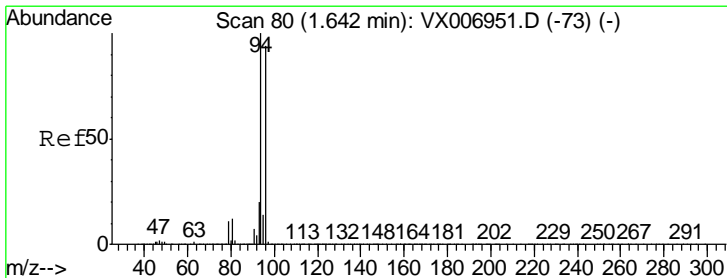
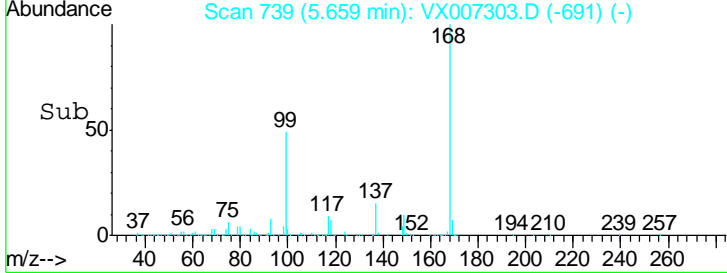
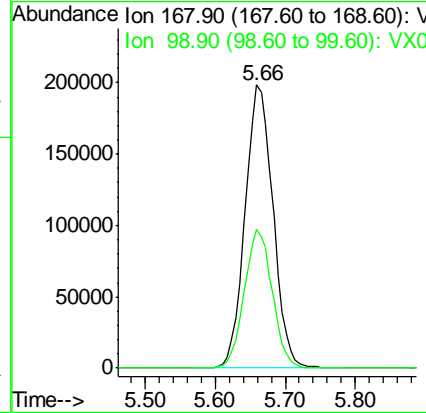
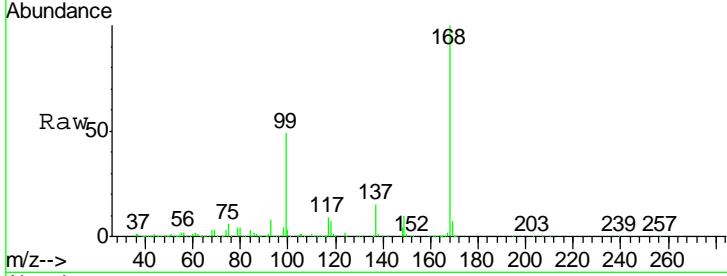




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

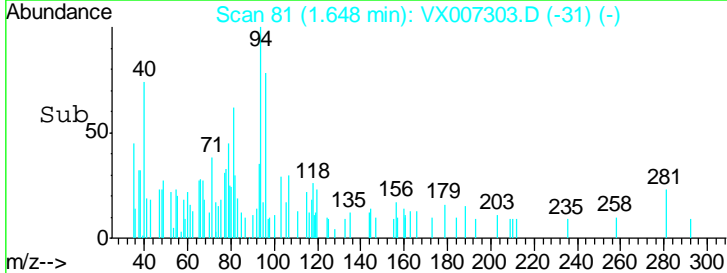
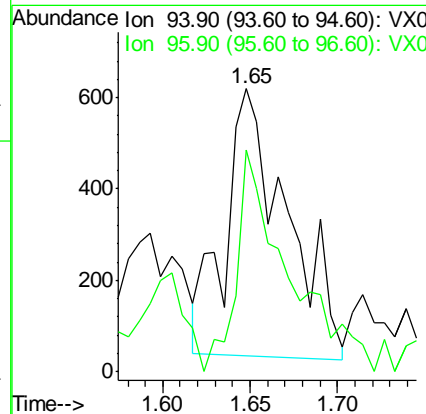
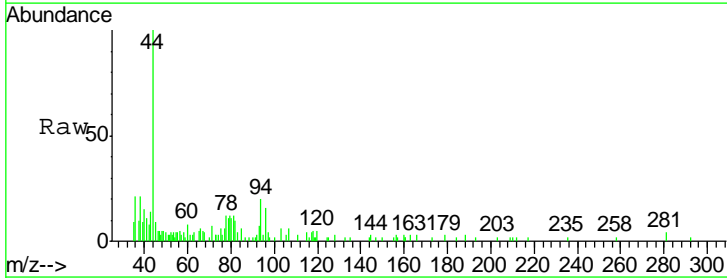
Instrument :
 MSVOA_X
ClientSampled :
 VX0131WBL01

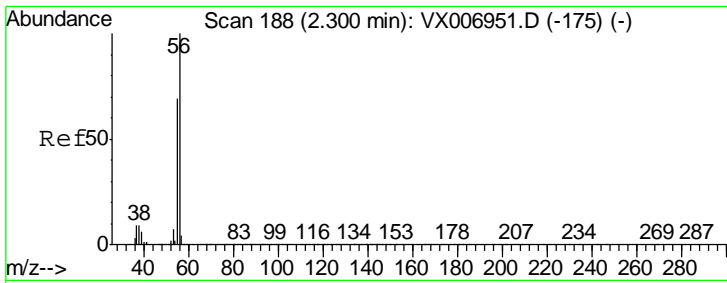
Tgt Ion	Resp	Lower	Upper
168	100		
99	49.0	41.8	62.8



#5
 Bromomethane
 Concen: 0.238 ug/l
 RT: 1.65 min Scan# 81
 Delta R.T. 0.01 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion	Resp	Lower	Upper
94	100		
96	68.6	73.4	110.2#

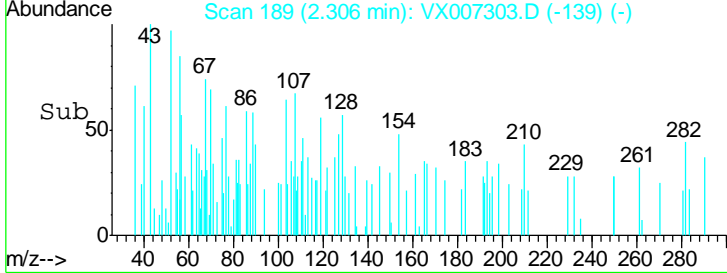
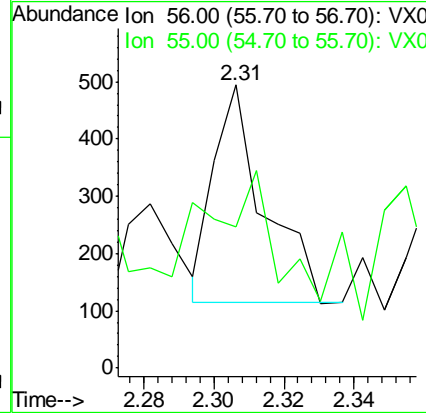
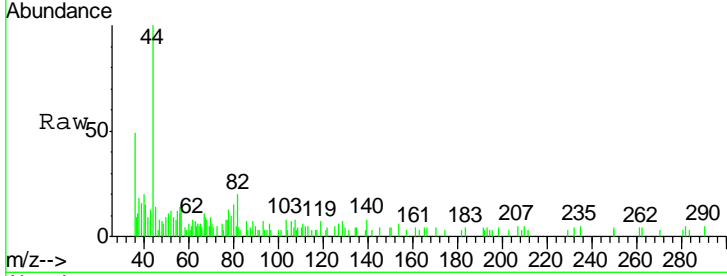




#13
 Acrolein
 Concen: 3.728 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

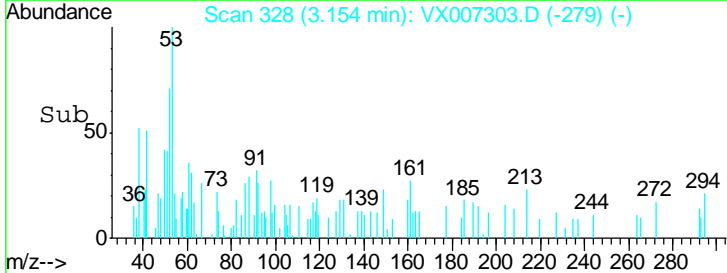
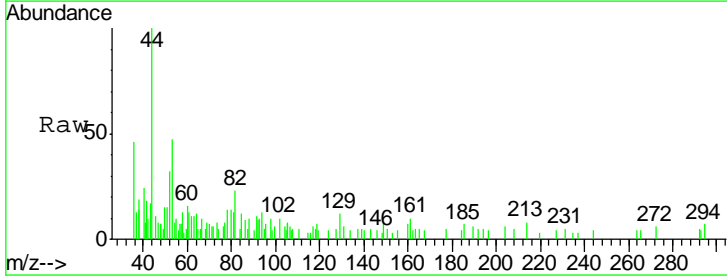
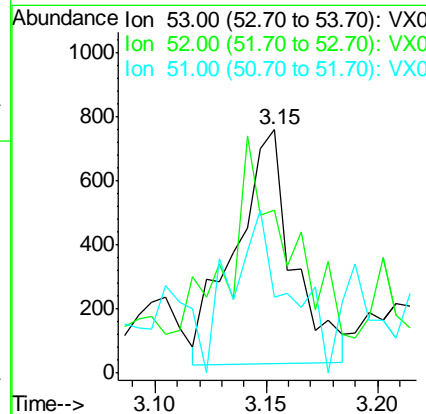
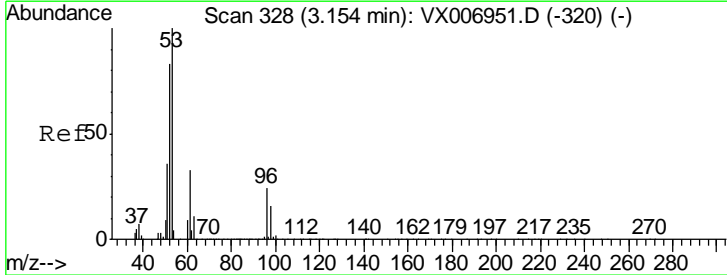
Instrument :
 MSVOA_X
Client Sampled :
 VX0131WBL01

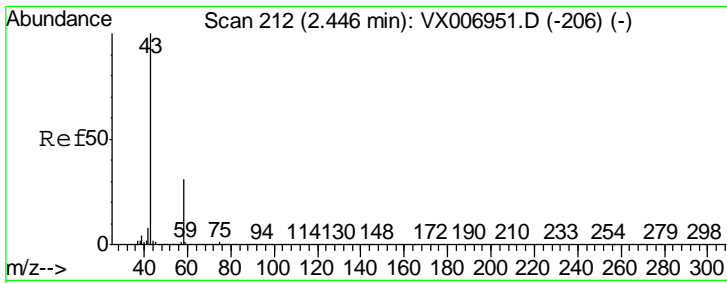
Tgt Ion:	56	Resp:	382
Ion Ratio	Lower	Upper	
56	100		
55	73.8	58.2	87.4



#15
 Acrylonitrile
 Concen: 0.423 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion:	53	Resp:	1319
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.0	99.0
51	67.5	28.6	42.8#

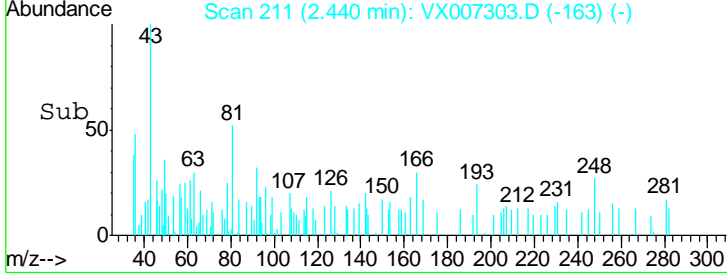
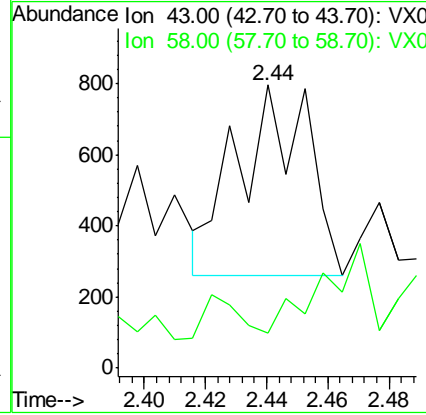
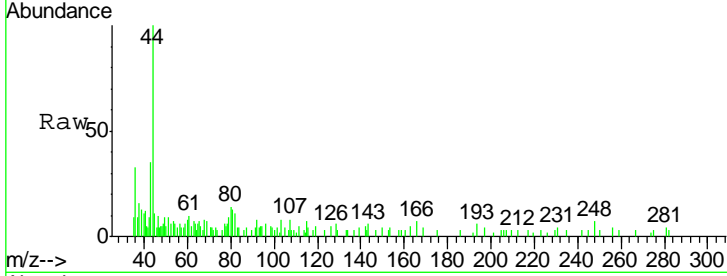




#16
 Acetone
 Concen: 0.298 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

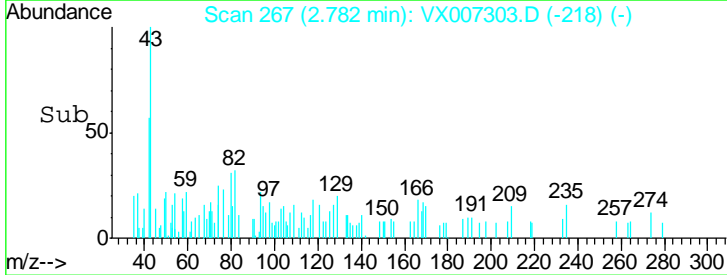
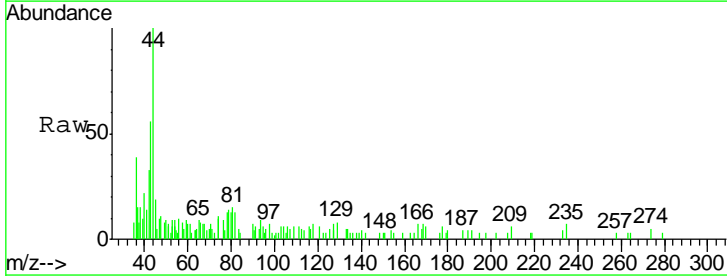
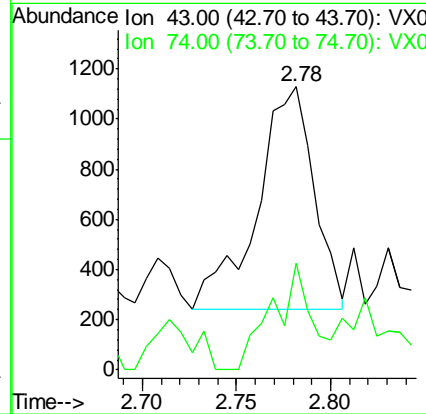
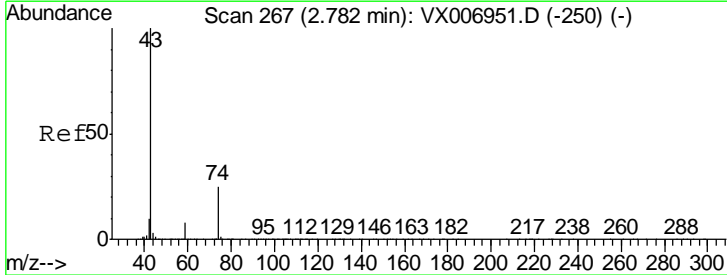
Instrument :
 MSVOA_X
ClientSampled :
 VX0131WBL01

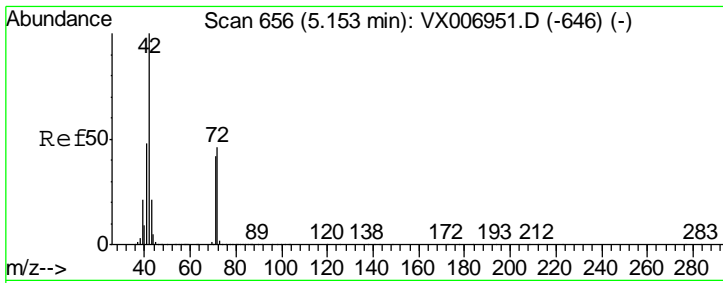
Tgt Ion: 43 Resp: 847
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.0 37.6#



#18
 Methyl Acetate
 Concen: 0.225 ug/l
 RT: 2.78 min Scan# 267
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion: 43 Resp: 1856
 Ion Ratio Lower Upper
 43 100
 74 33.6 18.6 28.0#

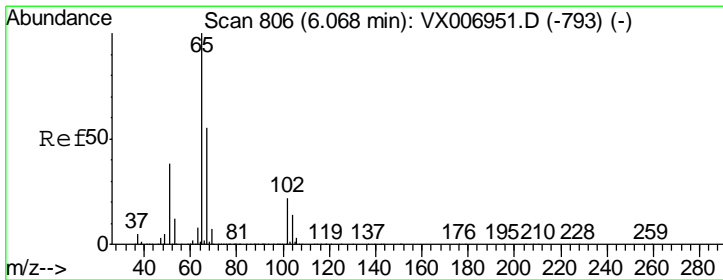
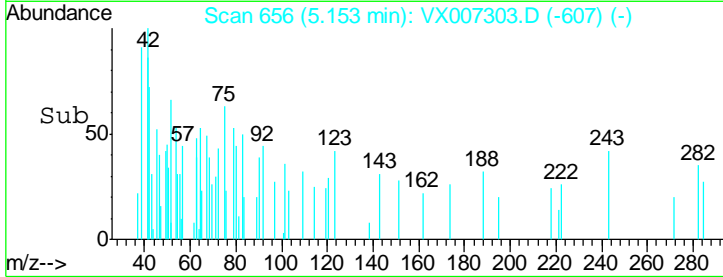
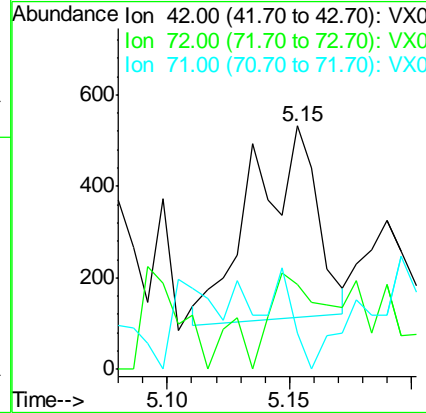
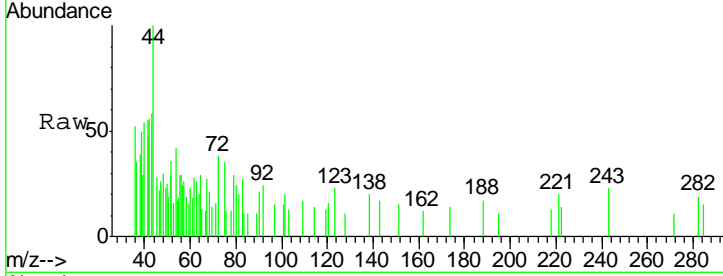




#29
 Tetrahydrofuran
 Concen: 0.289 ug/l
 RT: 5.15 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

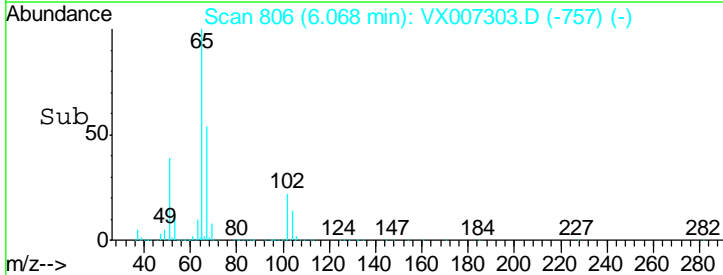
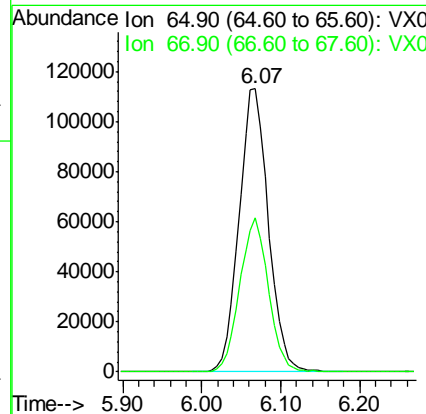
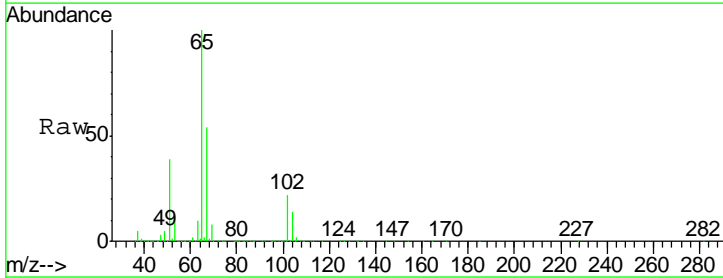
Instrument :
 MSVOA_X
 ClientSampled :
 VX0131WBL01

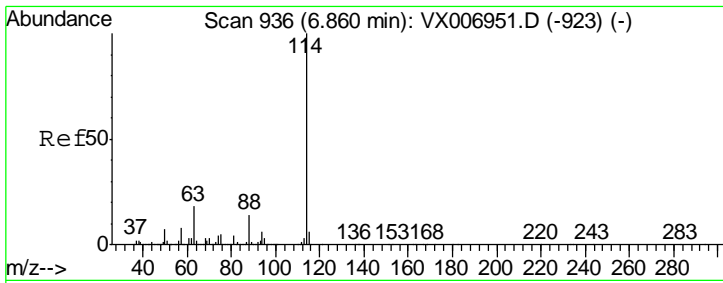
Tgt Ion	Resp	Lower	Upper
42	100		
72	44.5	38.9	58.3
71	0.0	36.2	54.4#



#33
 1,2-Dichloroethane-d4
 Concen: 50.677 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion	Resp	Lower	Upper
65	100		
67	53.5	0.0	105.0

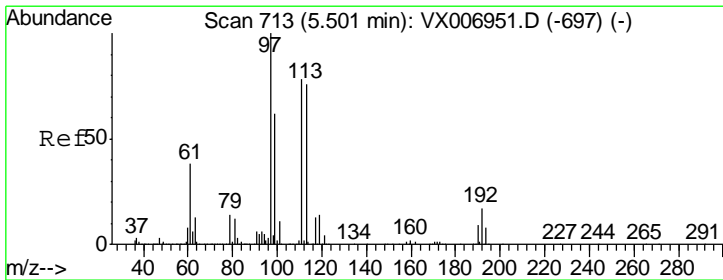
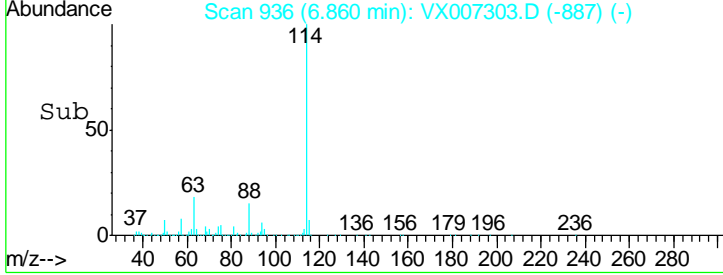
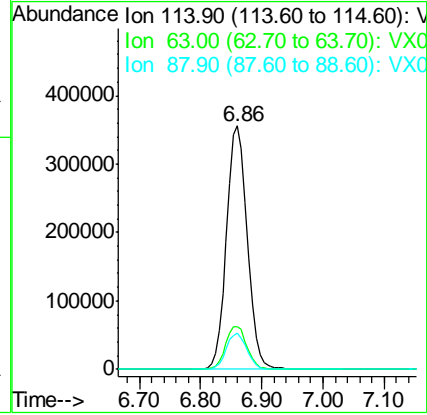
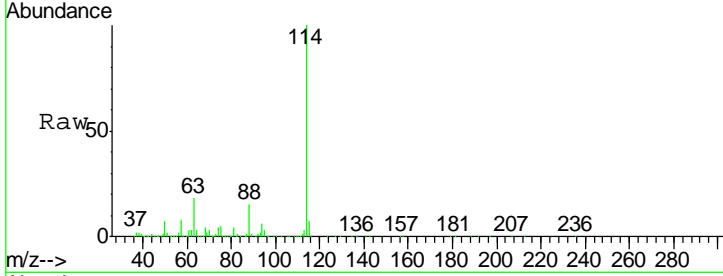




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

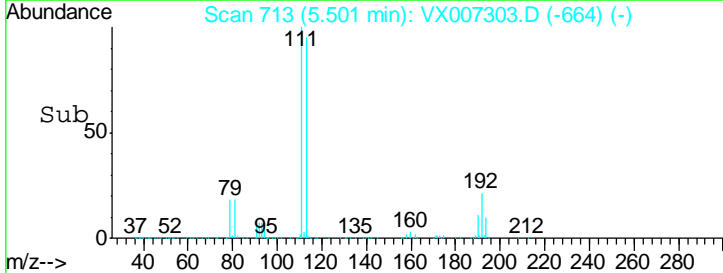
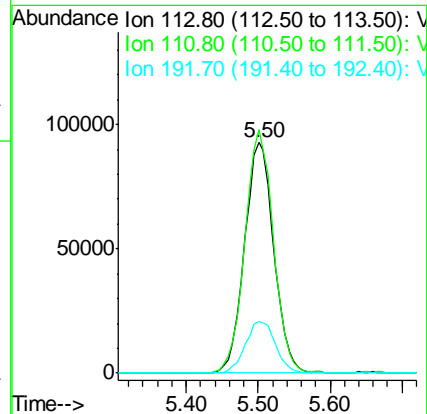
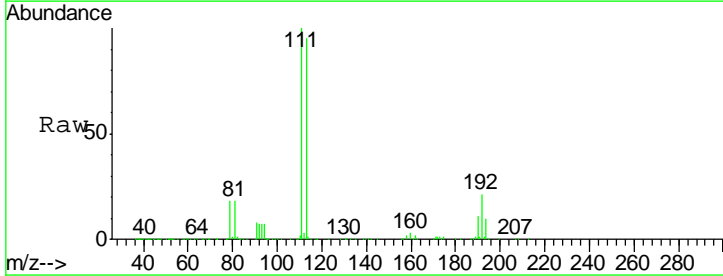
Instrument :
 MSVOA_X
 ClientSampled :
 VX0131WBL01

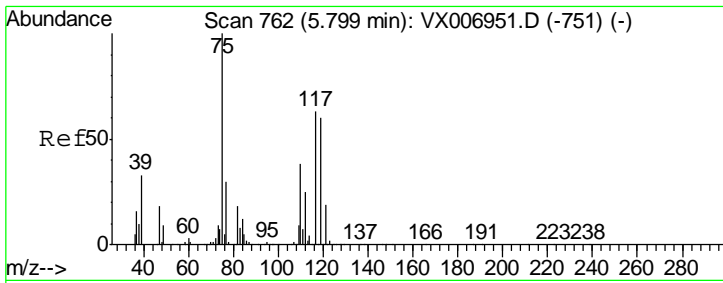
Tgt Ion	Resp	Lower	Upper
114	100		
63	17.6	0.0	34.8
88	14.9	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 48.971 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion	Resp	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	23.0	16.7	25.1

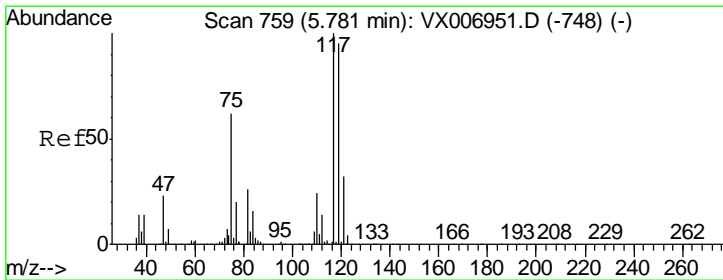
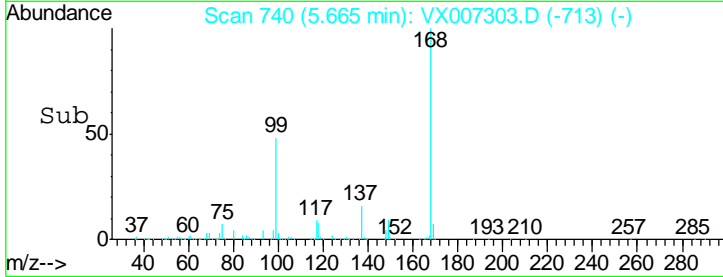
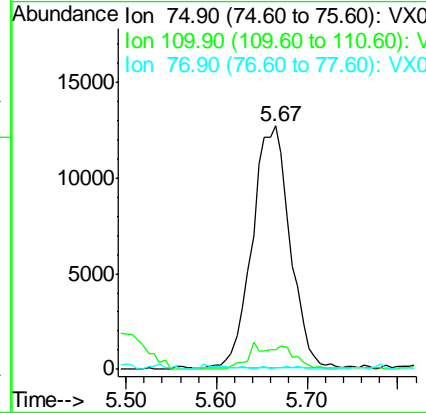
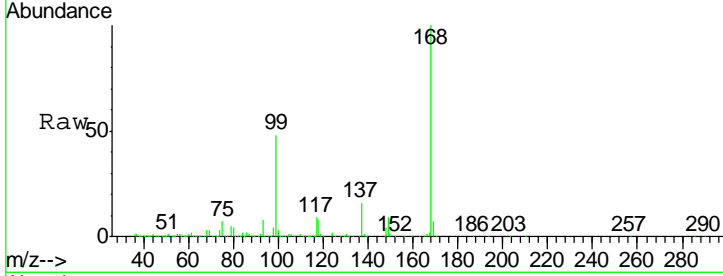




#36
 1,1-Dichloropropene
 Concen: 5.014 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

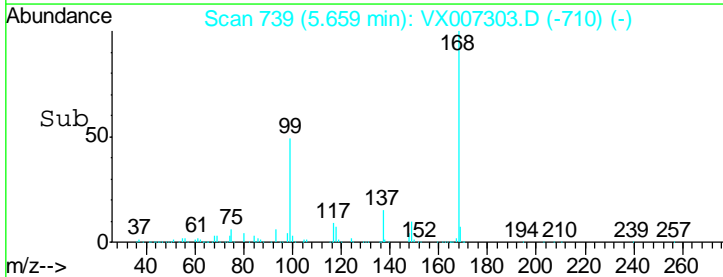
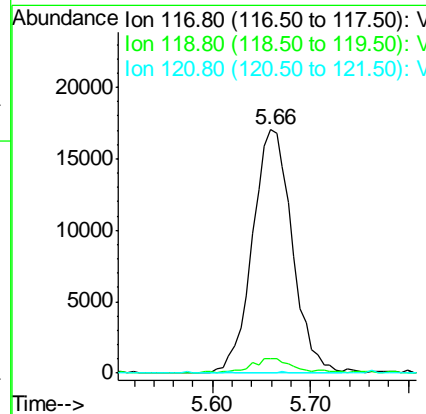
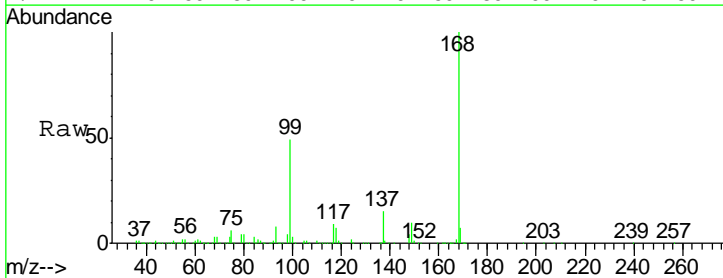
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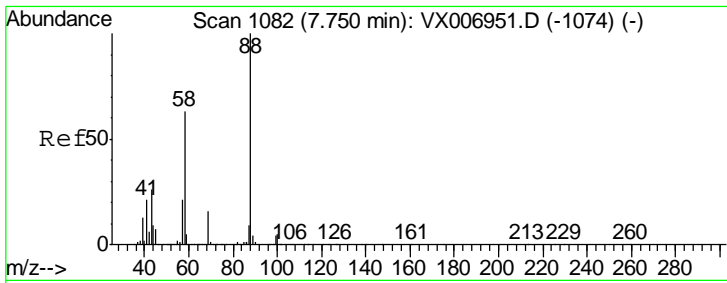
Tgt Ion	Resp	Lower	Upper
75	100		
110	0.0	20.2	60.5#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.597 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion	Resp	Lower	Upper
117	100		
119	5.8	79.4	119.2#
121	0.0	24.0	36.0#

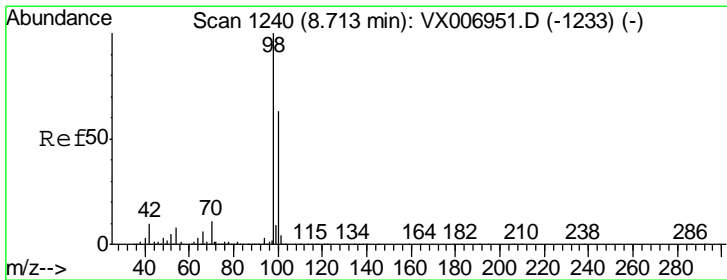
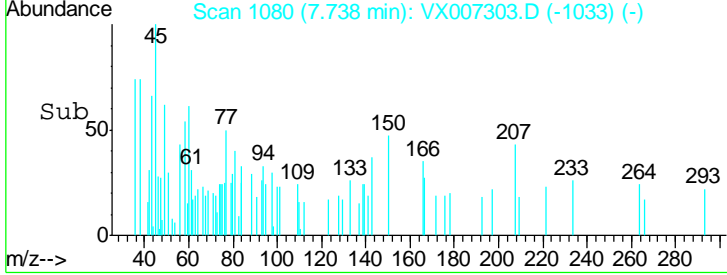
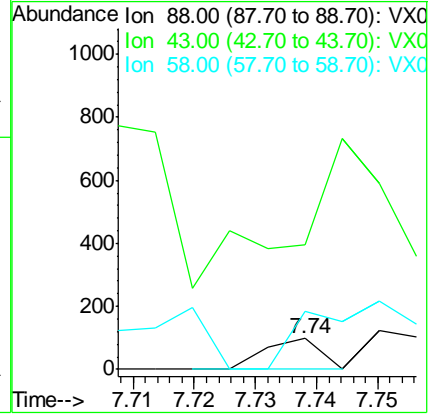
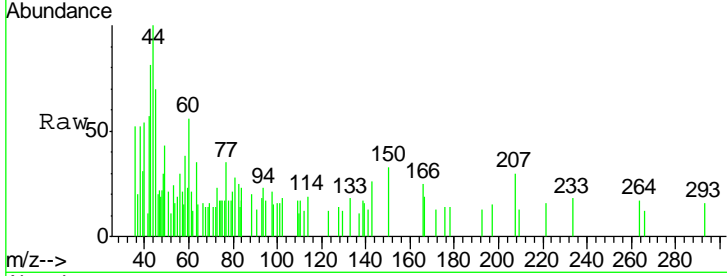




#49
 1,4-Dioxane
 Concen: Below Cal
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

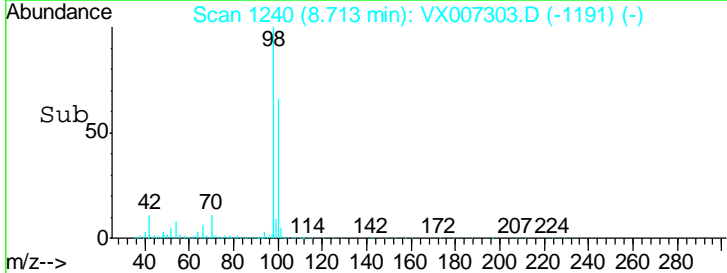
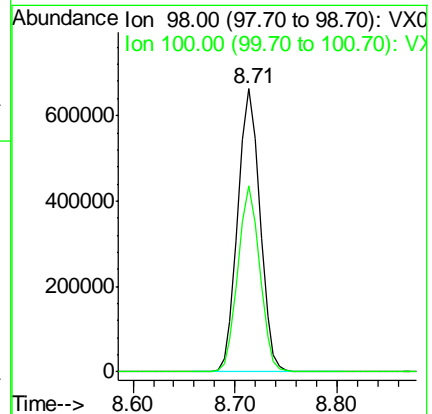
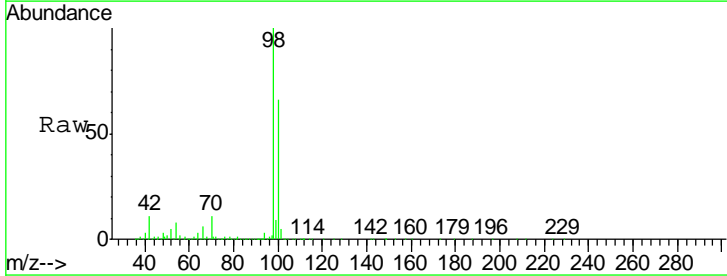
Instrument : MSVOA_X
 ClientSampled : VX0131WBL01

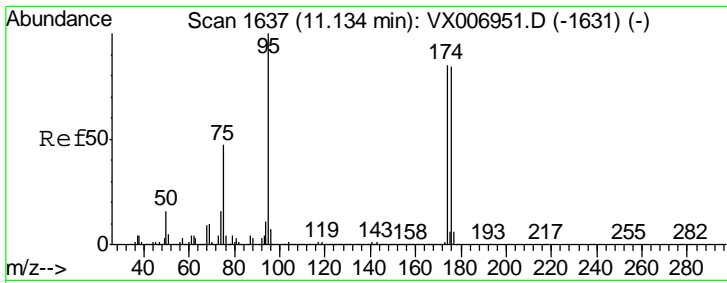
Tgt Ion	Resp	Lower	Upper
88	100		
43	1909.8	22.2	33.4#
58	868.9	51.0	76.4#



#50
 Toluene-d8
 Concen: 51.005 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion	Resp	Lower	Upper
98	100		
100	64.4	52.0	78.0

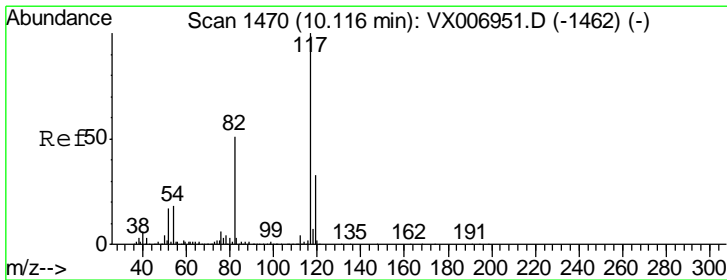
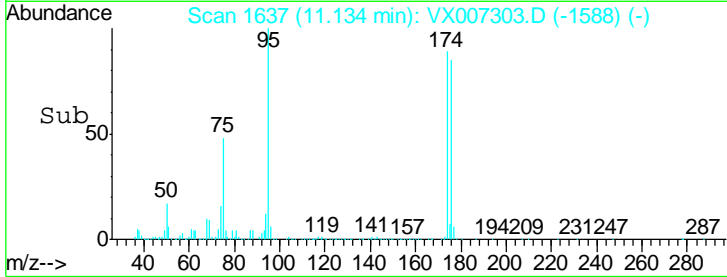
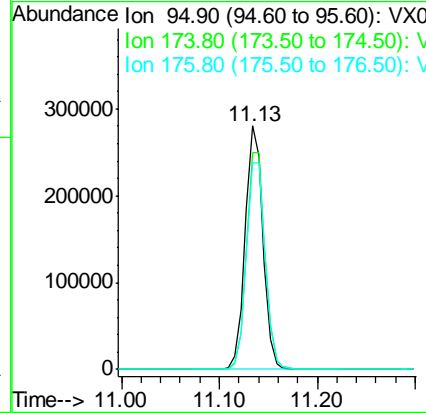
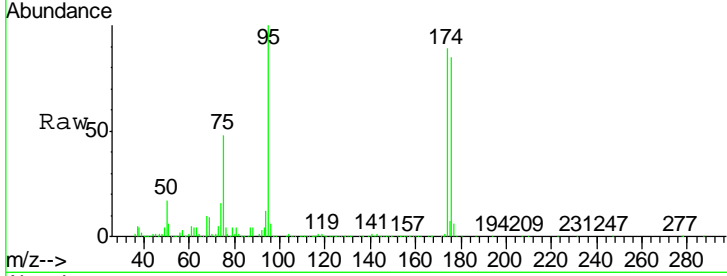




#62
 4-Bromofluorobenzene
 Concen: 51.829 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

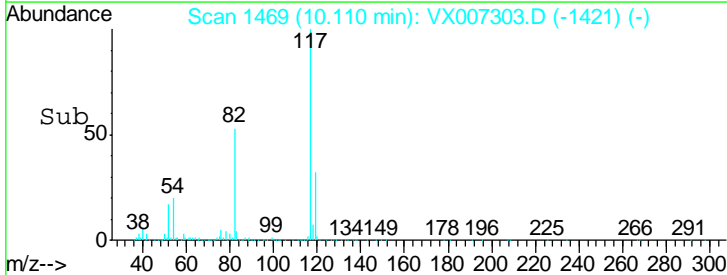
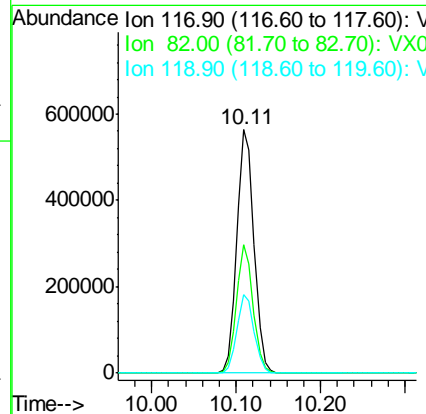
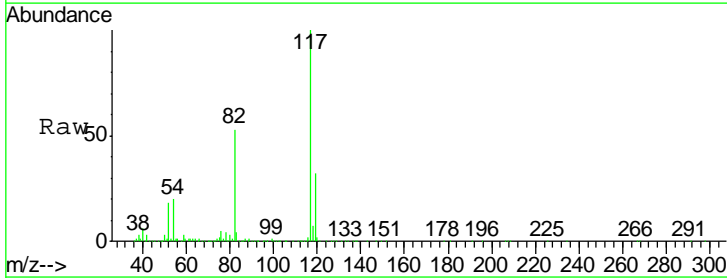
Instrument :
 MSVOA_X
 ClientSampled :
 VX0131WBL01

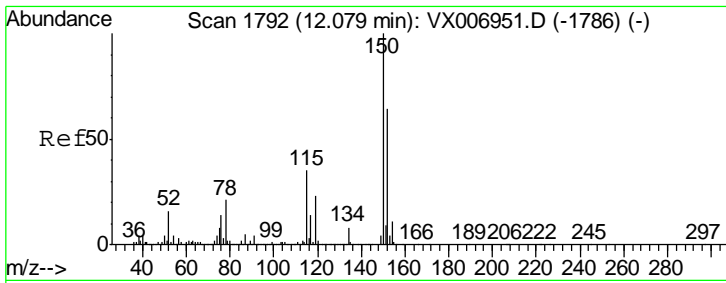
Tgt Ion	Resp	Lower	Upper
95	100		
174	93.1	0.0	182.2
176	89.9	0.0	178.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion	Resp	Lower	Upper
117	100		
82	52.9	41.0	61.6
119	32.3	25.4	38.0

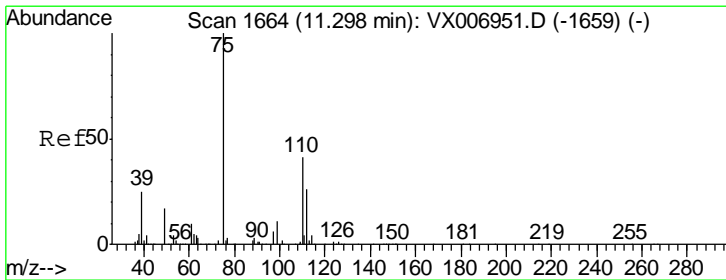
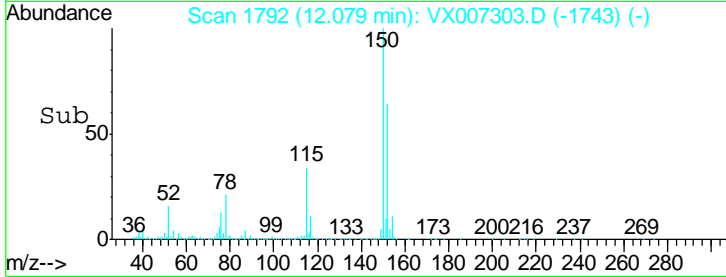
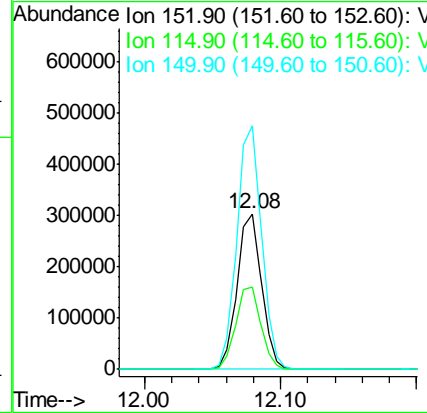
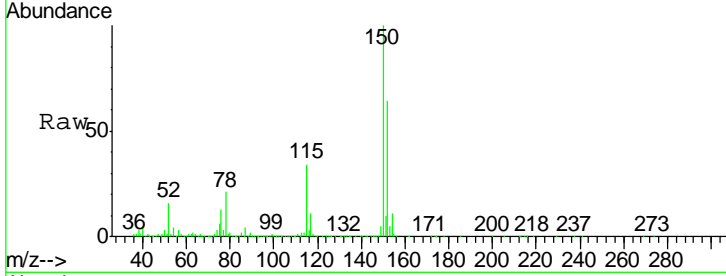




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

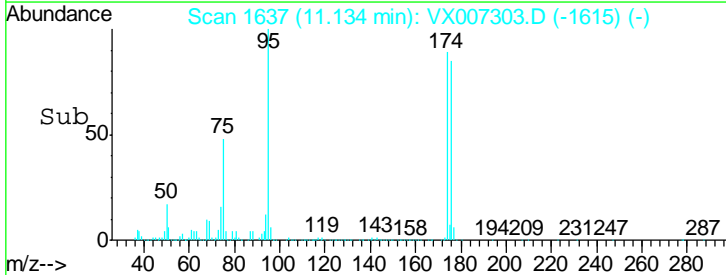
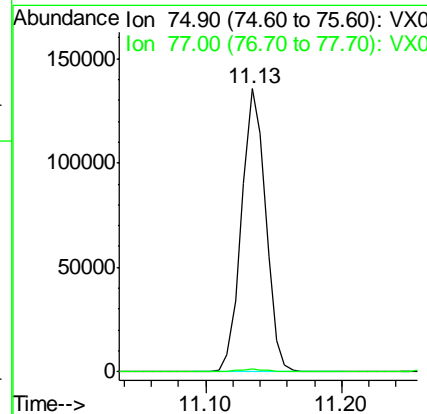
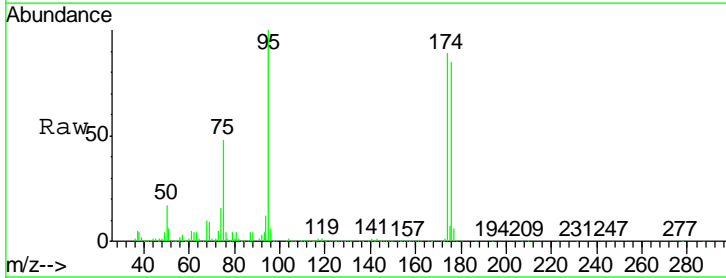
Instrument :
 MSVOA_X
 ClientSampled :
 VX0131WBL01

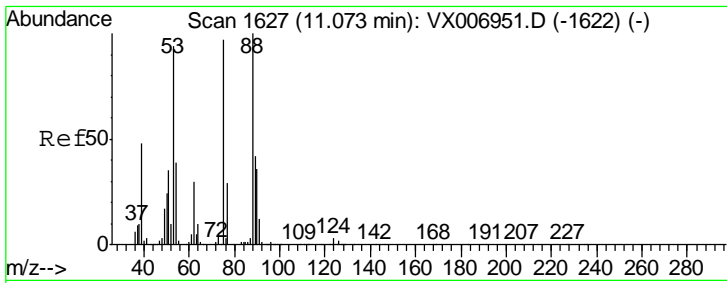
Tgt Ion	Resp	Lower	Upper
152	100		
115	54.4	39.1	117.2
150	157.3	0.0	344.8



#76
 1,2,3-Trichloropropane
 Concen: 21.806 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	18.5	55.5#

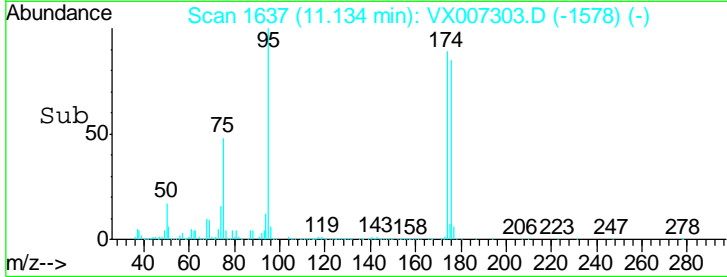
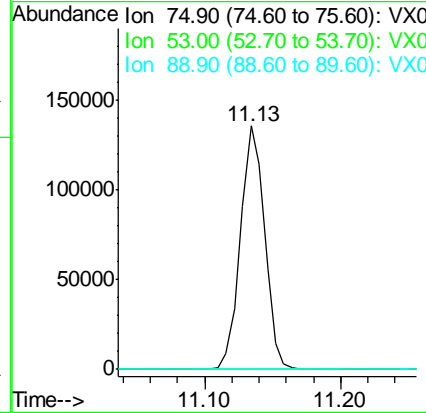
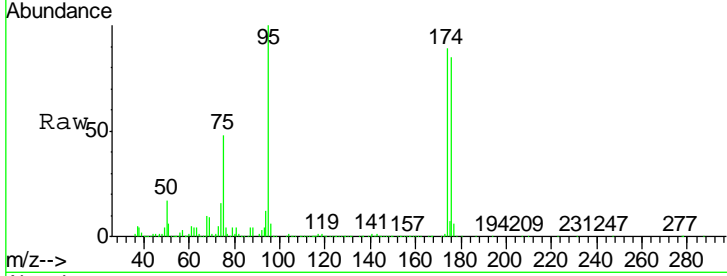




#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.612 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

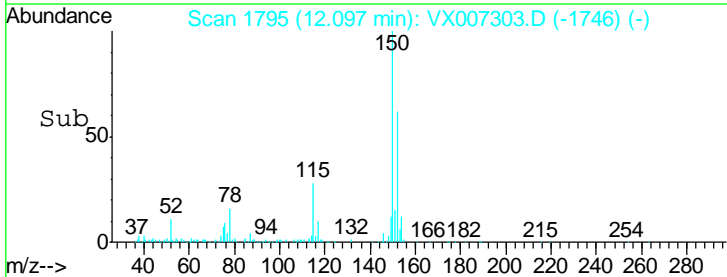
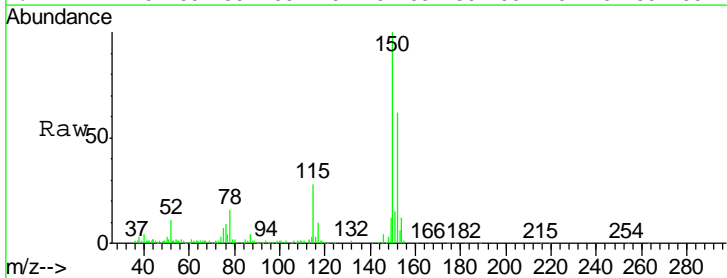
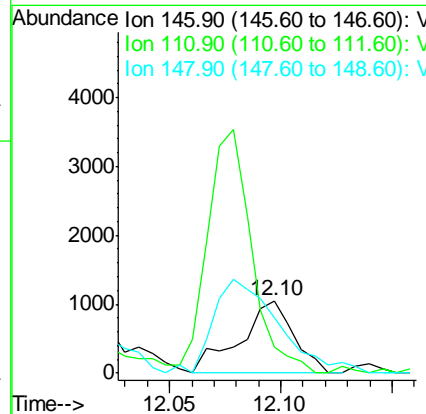
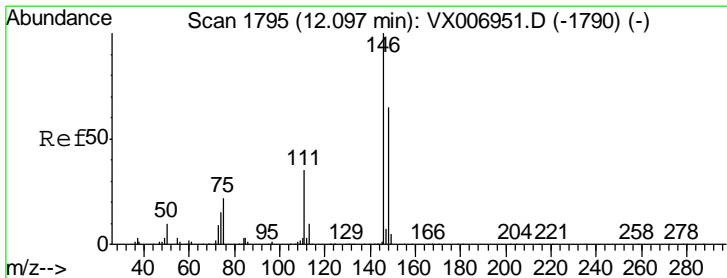
Instrument :
 MSVOA_X
 ClientSampled :
 VX0131WBL01

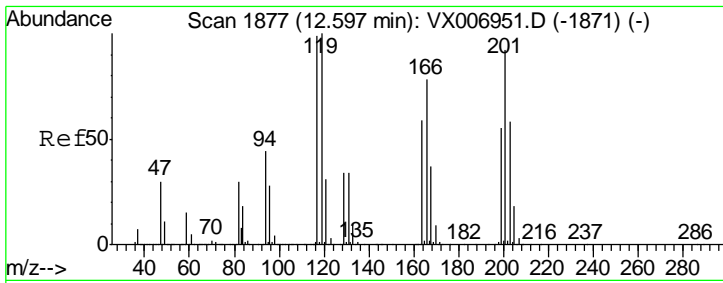
Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	79.7	119.5#
89	0.0	38.0	57.0#



#88
 1,4-Dichlorobenzene
 Concen: 0.284 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Tgt Ion	Resp	Lower	Upper
146	100		
111	275.5	18.1	54.1#
148	157.0	31.9	95.9#

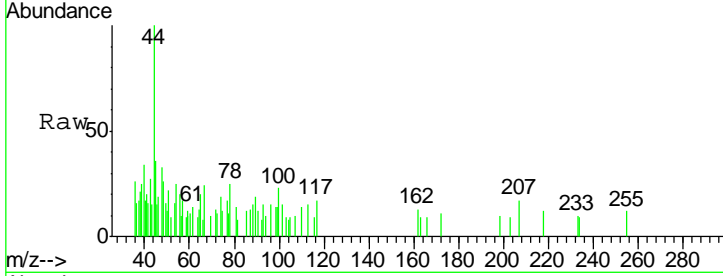




#90
 Hexachloroethane
 Concen: 2.931 ug/l
 RT: 12.61 min Scan# 1879
 Delta R.T. 0.01 min
 Lab File: VX007303.D
 Acq: 30 Jan 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBL01

Tot Ion: 117 Resp: 92
 Ion Ratio Lower Upper
 117 100
 201 43.5 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V

