

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\  
 Data File : VX006244.D  
 Acq On : 03 Dec 2018 11:11  
 Operator : JC/MD  
 Sample : VX1203MBL01  
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1203MBL01

Quant Time: Dec 04 04:53:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	972879	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1439313	50.00	µg/l	0.00
63) Chlorobenzene-d5	10.12	117	1314427	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	655326	50.00	µg/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	470528	47.38	µg/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	5.50	113	460546	49.42	µg/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	1681865	49.62	µg/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	625812	48.99	µg/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

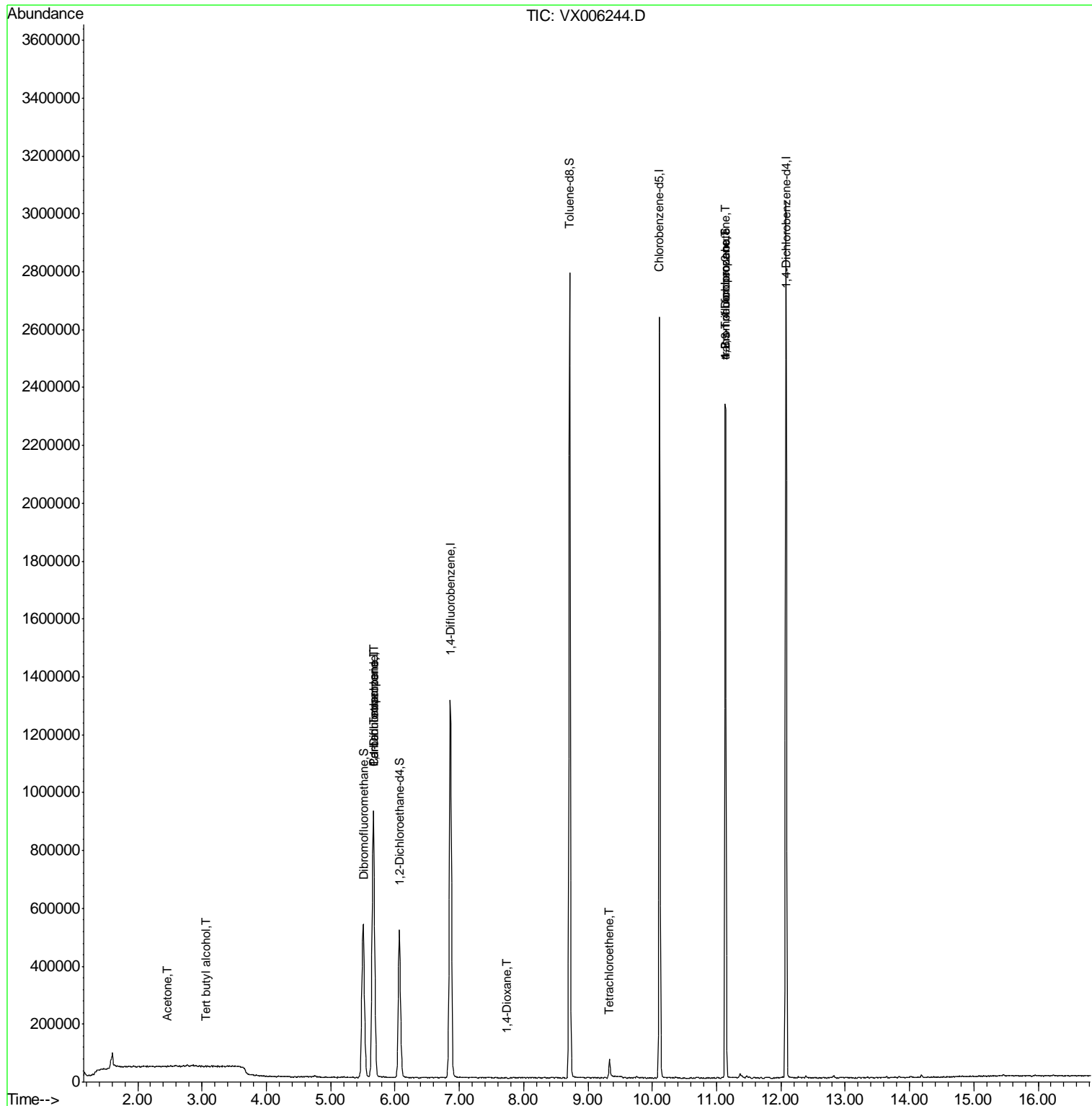
						Qvalue
11) Tert butyl alcohol	3.06	59	619	0.228	µg/l #	73
16) Acetone	2.45	43	1977	0.424	µg/l #	79
36) 1,1-Dichloropropene	5.67	75	57372	4.733	µg/l #	49
38) Carbon Tetrachloride	5.67	117	86082	6.037	µg/l #	17
49) 1,4-Dioxane	7.74	88	69	0.254	µg/l #	1
64) Tetrachloroethene	9.34	164	8651	0.874	µg/l	88
76) 1,2,3-Trichloropropane	11.13	75	286045	22.614	µg/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	286045	53.069	µg/l #	15

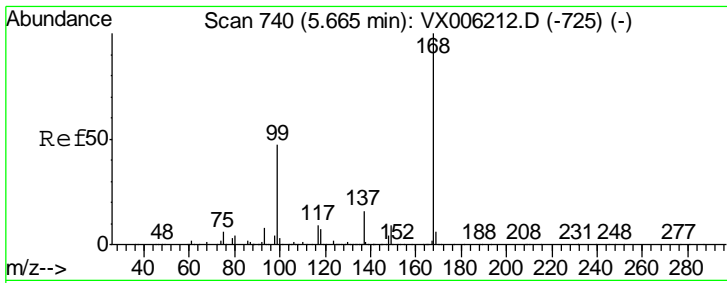
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\  
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 Operator : JC/MD  
 Sample : VX1203MBL01  
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 Client Sampled :  
 VX1203MBL01

Quant Time: Dec 04 04:53:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

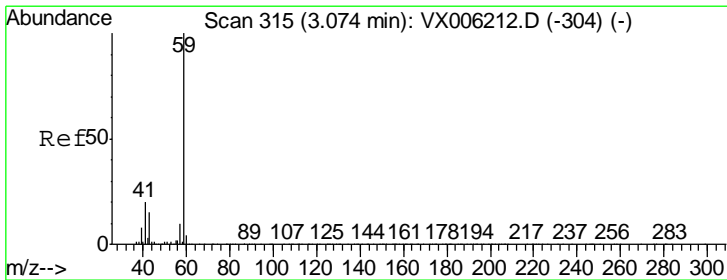
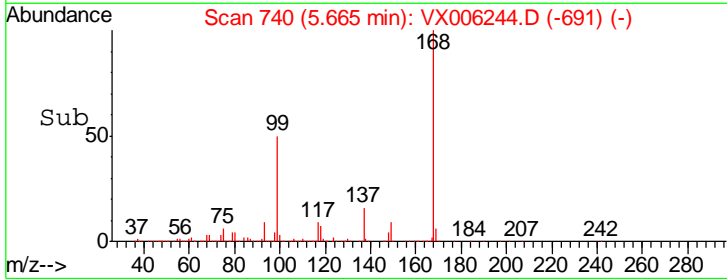
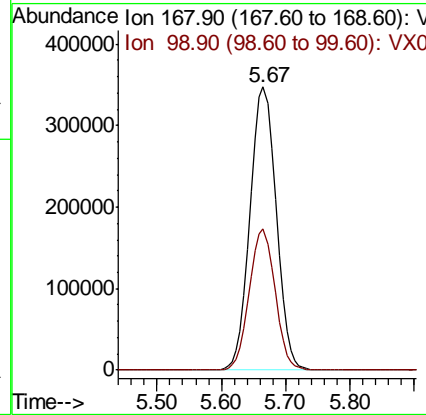
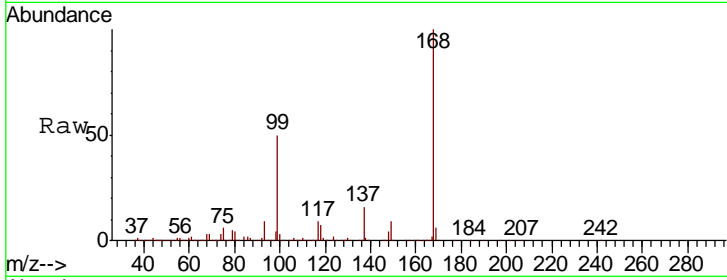




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

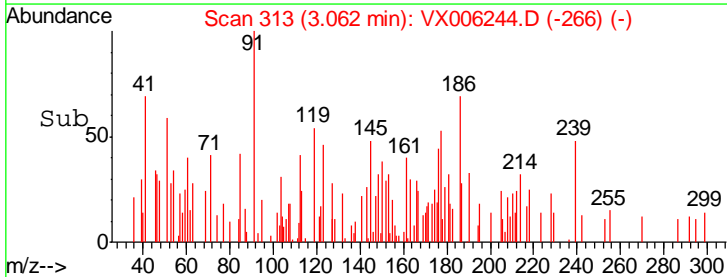
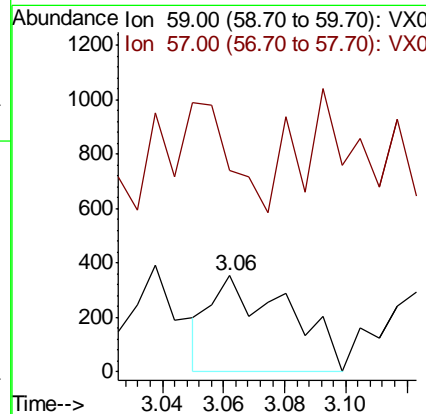
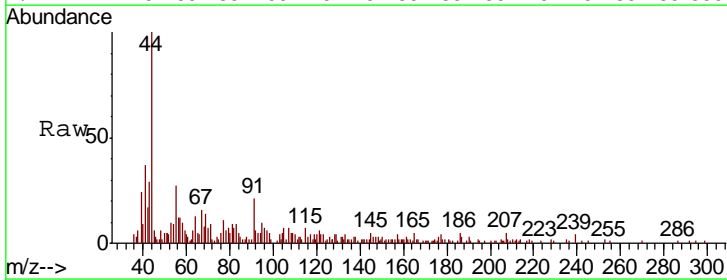
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1203MBL01

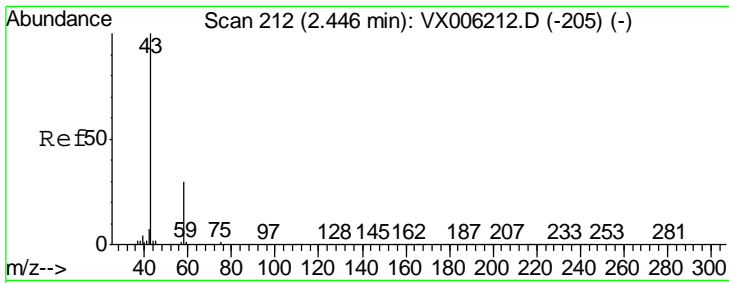
Tgt Ion	Resp	Lower	Upper
168	100		
99	49.8	37.8	56.8



#11  
 Tert butyl alcohol  
 Concen: 0.228 ug/l  
 RT: 3.06 min Scan# 313  
 Delta R.T. -0.01 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Tgt Ion	Resp	Lower	Upper
59	100		
57	0.0	8.2	12.2#

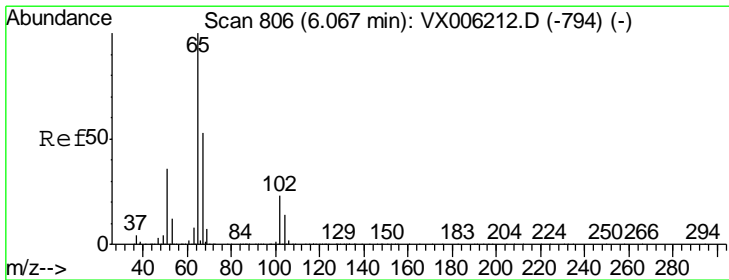
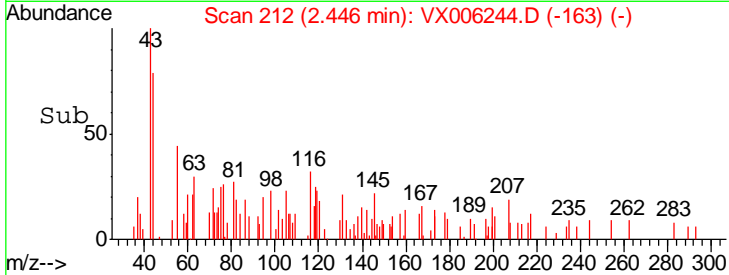
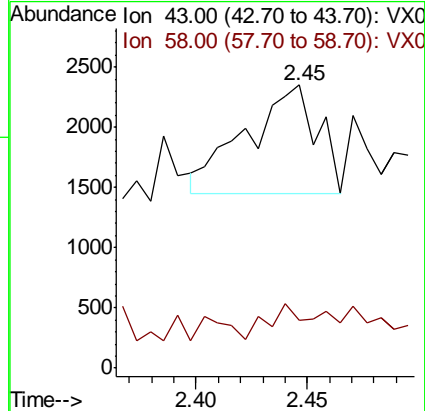
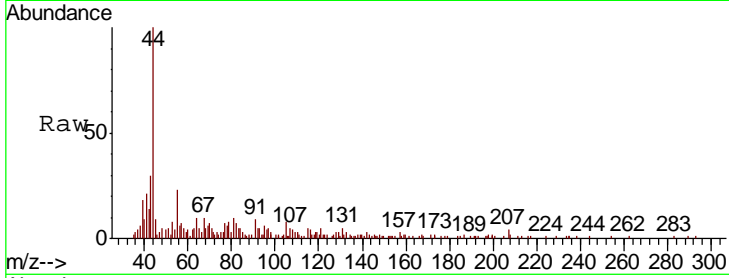




#16  
 Acetone  
 Concen: 0.424 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

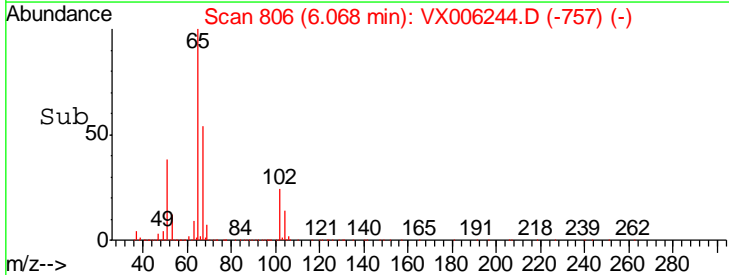
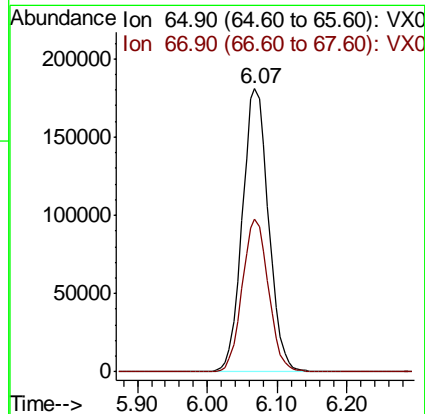
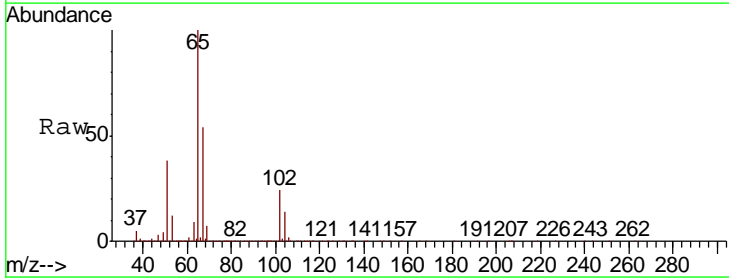
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1203MBL01

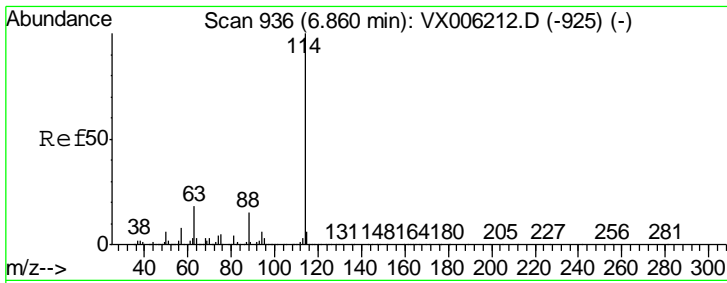
Tgt Ion: 43 Resp: 1977  
 Ion Ratio Lower Upper  
 43 100  
 58 18.6 24.0 36.0#



#33  
 1,2-Dichloroethane-d4  
 Concen: 47.377 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Tgt Ion: 65 Resp: 470528  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 107.2

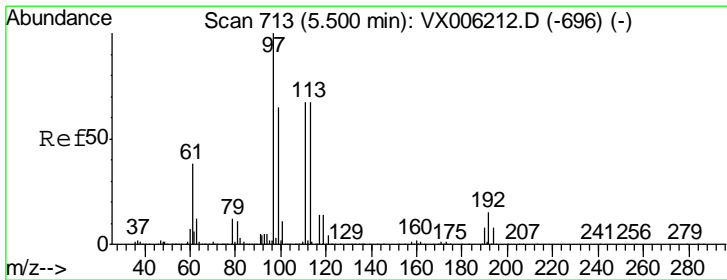
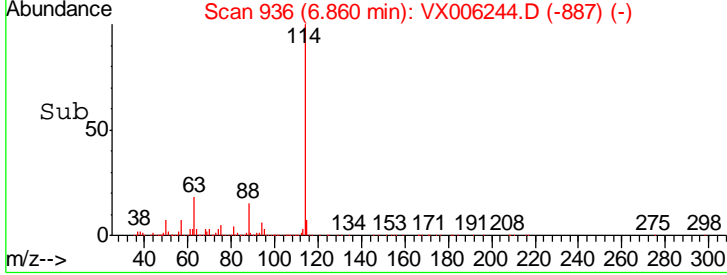
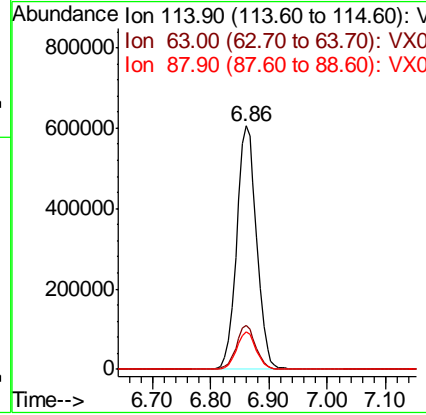
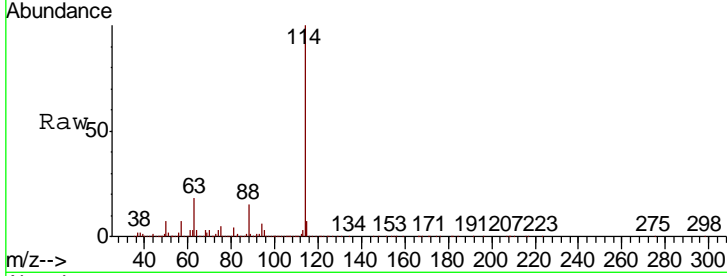




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

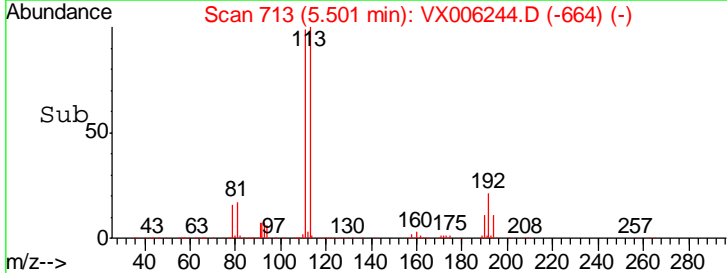
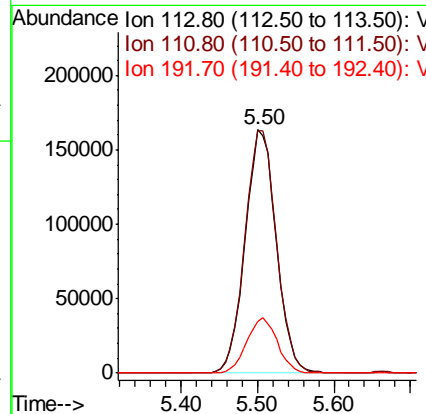
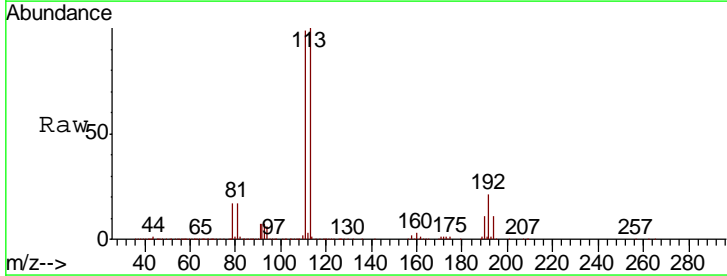
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1203MBL01

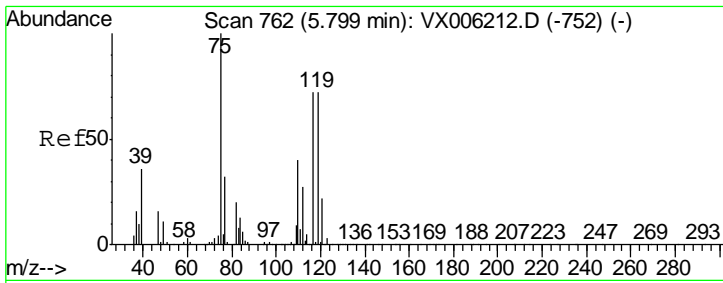
Tgt Ion	Resp	Lower	Upper
114	1439313		
63	17.9	0.0	36.6
88	15.3	0.0	29.0



#35  
 Dibromofluoromethane  
 Concen: 49.420 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Tgt Ion	Resp	Lower	Upper
113	460546		
111	101.6	81.1	121.7
192	22.6	18.2	27.2

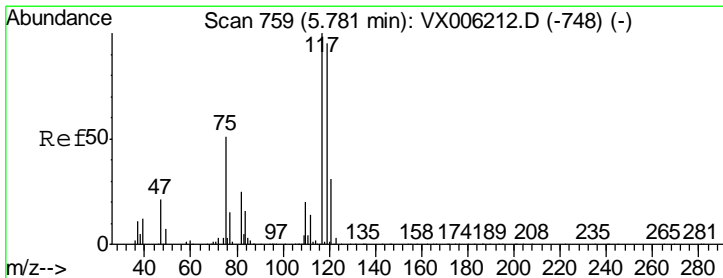
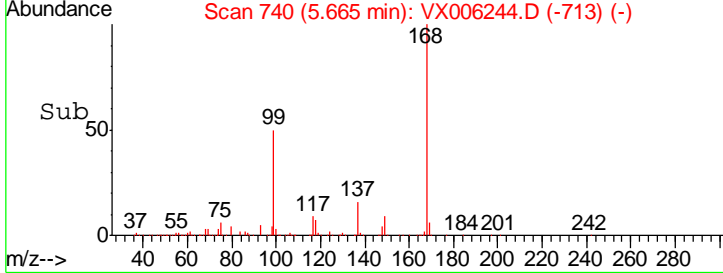
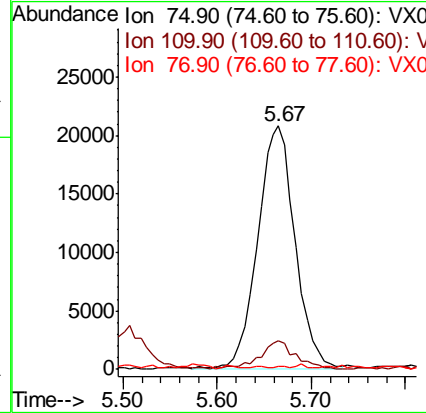
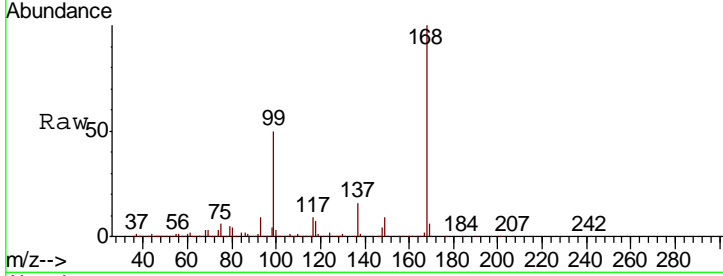




#36  
 1,1-Dichloropropene  
 Concen: 4.733 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. -0.13 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

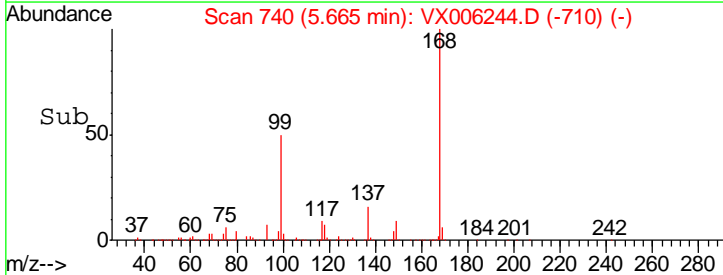
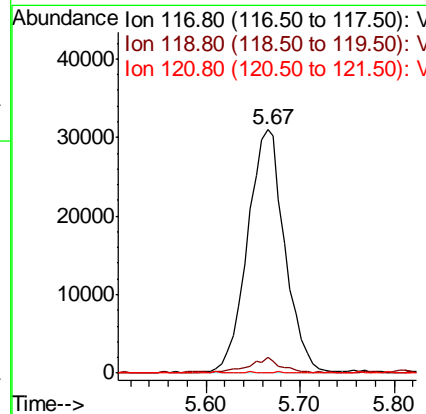
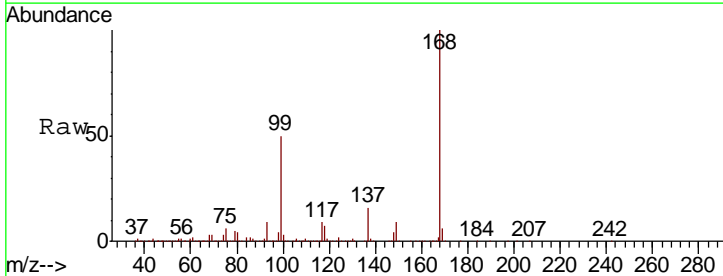
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1203MBL01

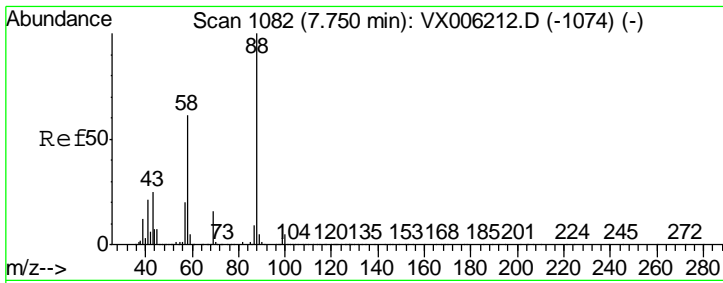
Tgt Ion	Resp	Lower	Upper
75	100		
110	11.6	20.4	61.3#
77	0.0	24.9	37.3#



#38  
 Carbon Tetrachloride  
 Concen: 6.037 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. -0.12 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Tgt Ion	Resp	Lower	Upper
117	100		
119	6.1	75.8	113.8#
121	0.2	24.6	37.0#

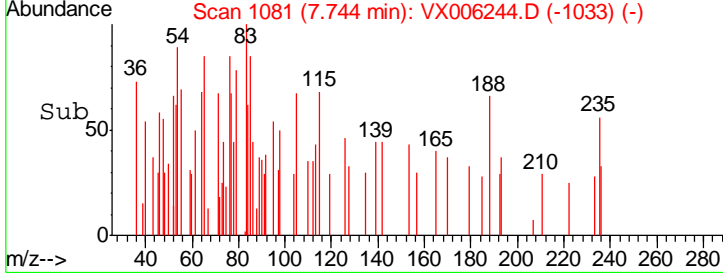
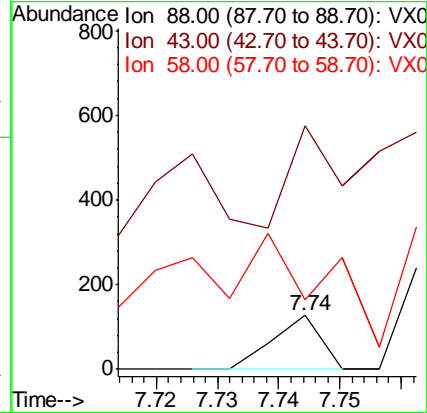
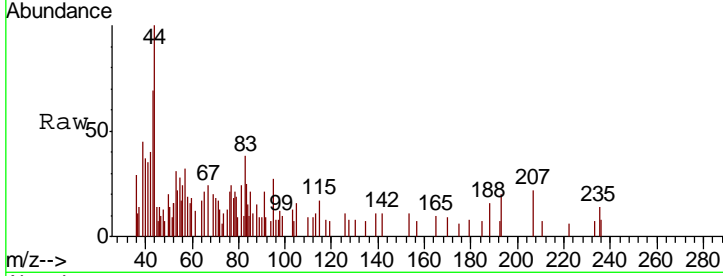




#49  
 1,4-Dioxane  
 Concen: 0.254 ug/l  
 RT: 7.74 min Scan# 1081  
 Delta R.T. -0.01 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

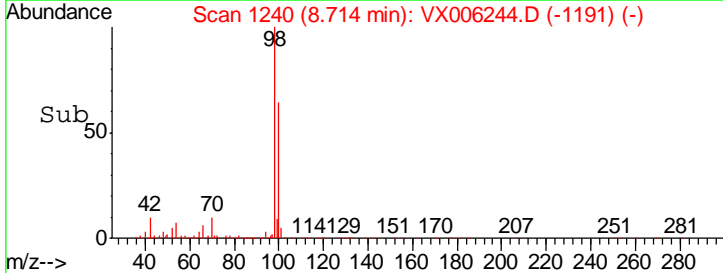
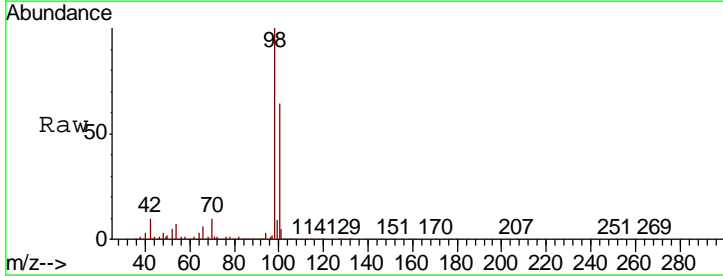
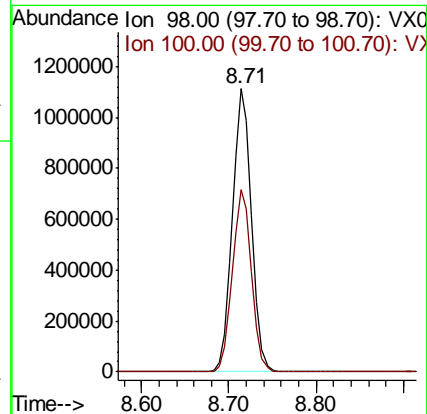
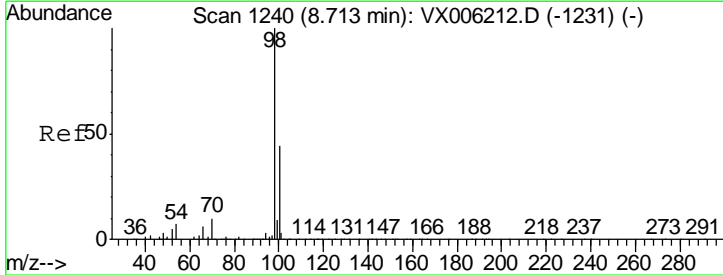
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX1203MBL01

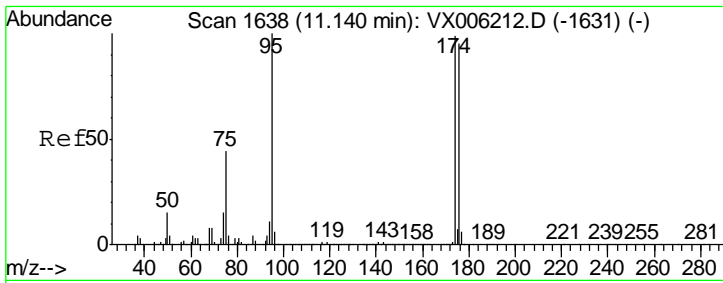
Tgt Ion	Resp	Lower	Upper
88	100		
43	453.6	23.2	34.8#
58	0.0	51.4	77.0#



#50  
 Toluene-d8  
 Concen: 49.617 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Tgt Ion	Resp	Lower	Upper
98	100		
100	64.6	52.2	78.2

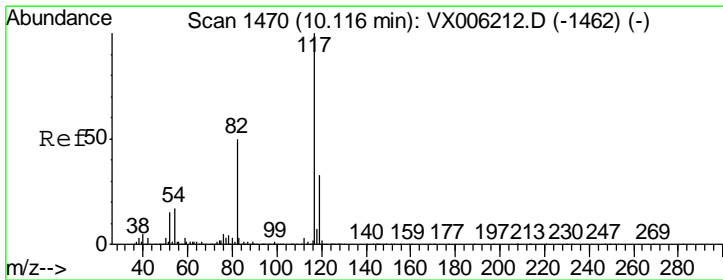
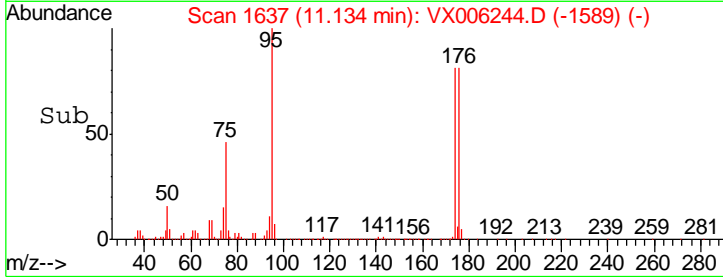
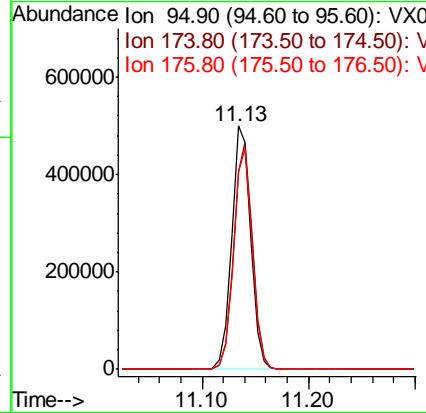
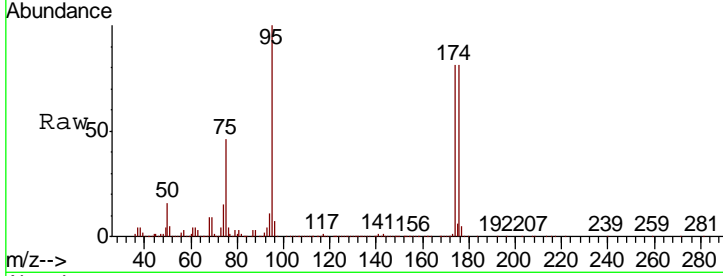




#62  
 4-Bromofluorobenzene  
 Concen: 48.993 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.01 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

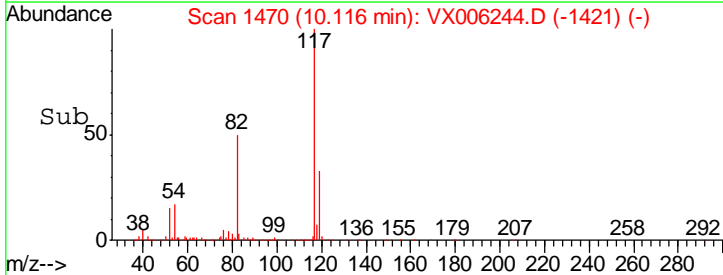
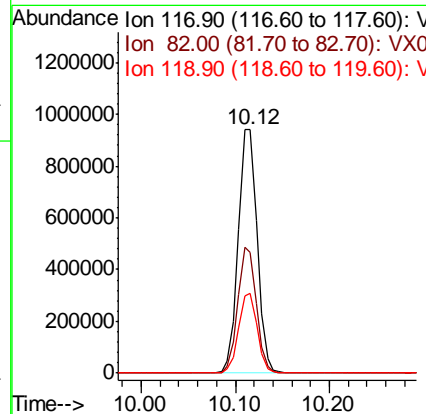
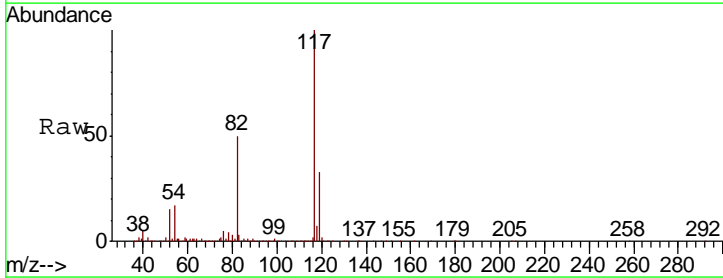
Instrument : MSVOA\_X  
 ClientSampled : VX1203MBL01

Tgt Ion	Resp	Lower	Upper
95	625812		
174	91.8	0.0	187.0
176	89.6	0.0	181.8

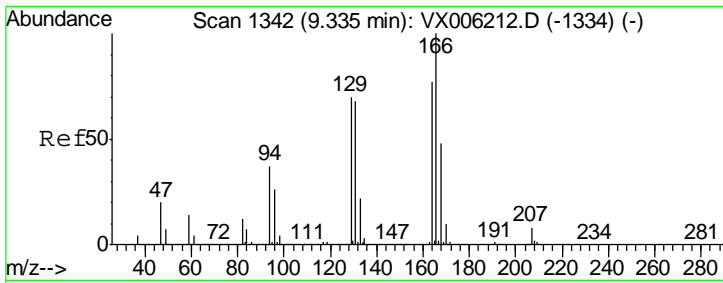


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.12 min Scan# 1470  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Tgt Ion	Resp	Lower	Upper
117	1314427		
82	49.8	39.6	59.4
119	32.5	26.3	39.5



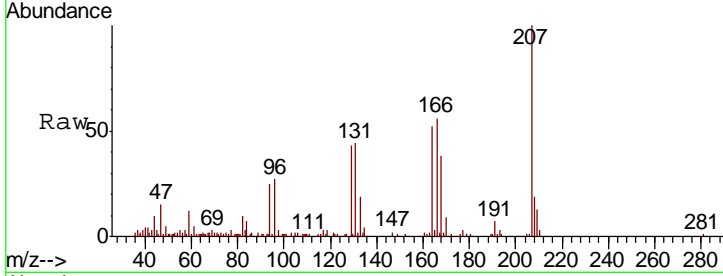




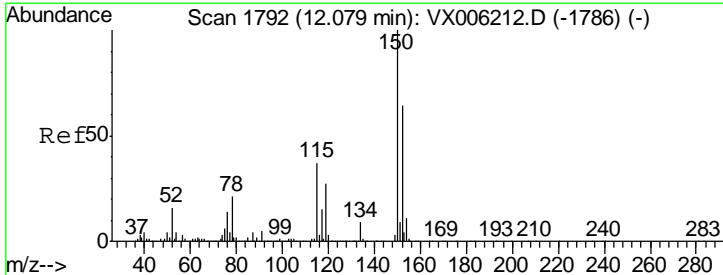
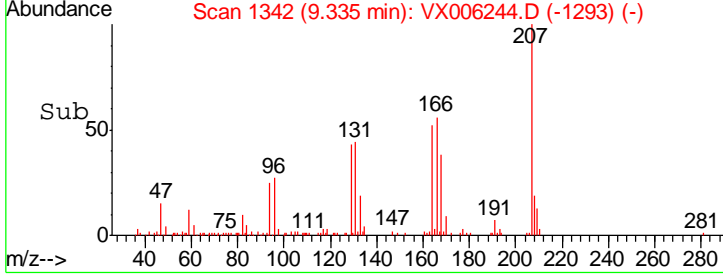
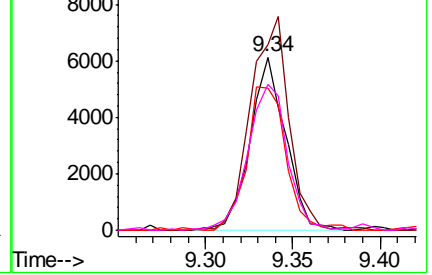
#64  
 Tetrachloroethene  
 Concen: 0.874 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Instrument : MSVOA\_X  
 ClientSampleID : VX1203MBL01

Tgt Ion	Resp	Lower	Upper
164	100		
166	107.4	104.2	156.2
129	81.2	72.6	108.8
131	83.7	70.3	105.5

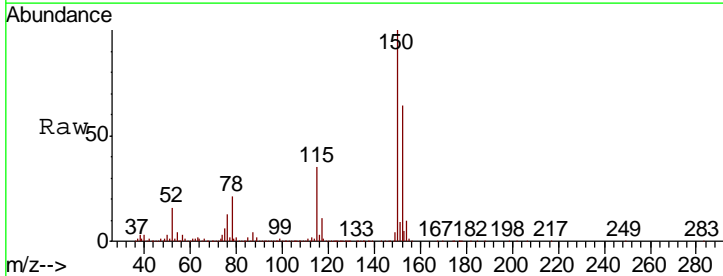


Abundance  
 Ion 163.80 (163.50 to 164.50): V  
 Ion 165.80 (165.50 to 166.50): V  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 130.80 (130.50 to 131.50): V

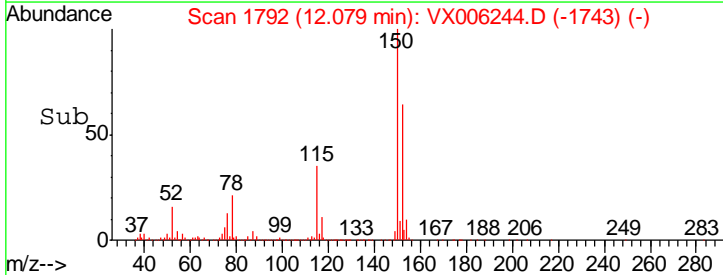
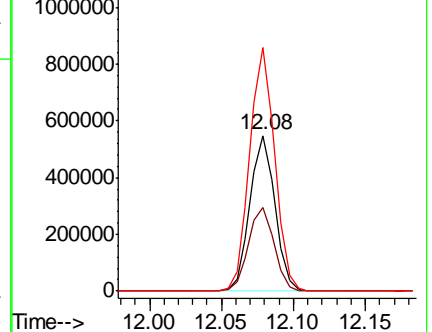


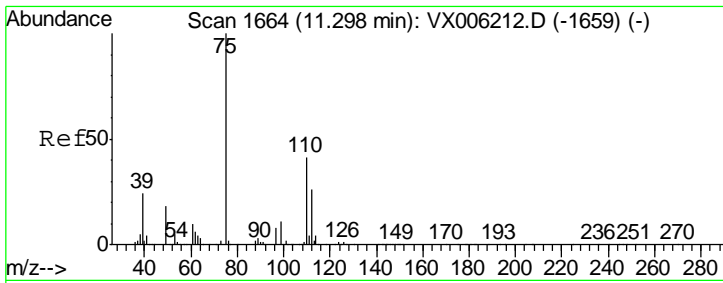
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Tgt Ion	Resp	Lower	Upper
152	100		
115	55.4	39.0	116.9
150	157.0	0.0	345.8



Abundance  
 Ion 151.90 (151.60 to 152.60): V  
 Ion 114.90 (114.60 to 115.60): V  
 Ion 149.90 (149.60 to 150.60): V

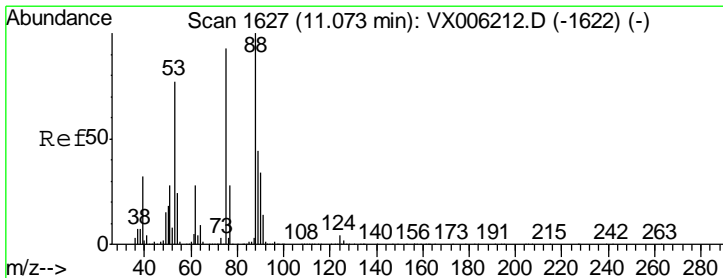
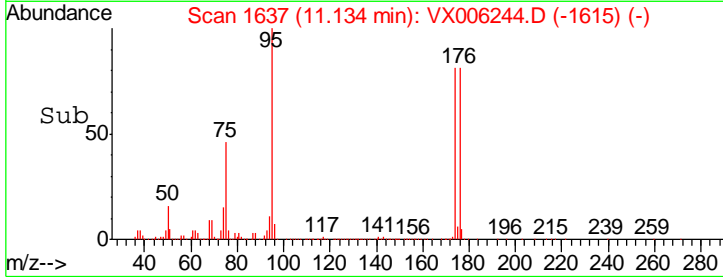
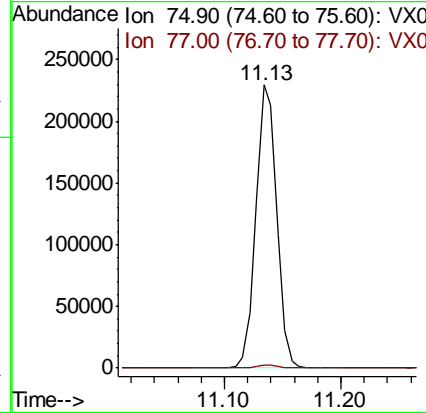
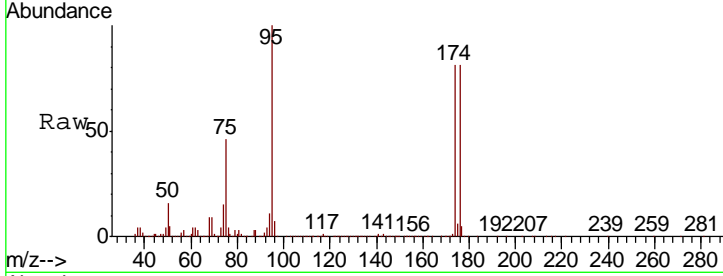




#76  
 1,2,3-Trichloropropane  
 Concen: 22.614 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.16 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1203MBL01

Tgt Ion: 75 Resp: 286045  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 19.9 59.7#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 53.069 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.06 min  
 Lab File: VX006244.D  
 Acq: 03 Dec 2018 11:11

Tgt Ion: 75 Resp: 286045  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 64.4 96.6#  
 89 0.0 44.2 66.4#

