

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007731.D
 Acq On : 27 Feb 2019 13:57
 Operator : JC/SP
 Sample : VX0227MBL01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 03:52:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	315365	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	6.86	114	487327	50.00	µg/l	0.00
63) Chlorobenzene-d5	10.11	117	458371	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219547	50.00	µg/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189795	48.59	µg/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	5.50	113	159617	49.00	µg/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	8.71	98	598497	47.99	µg/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	211445	46.19	µg/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	

Target Compounds

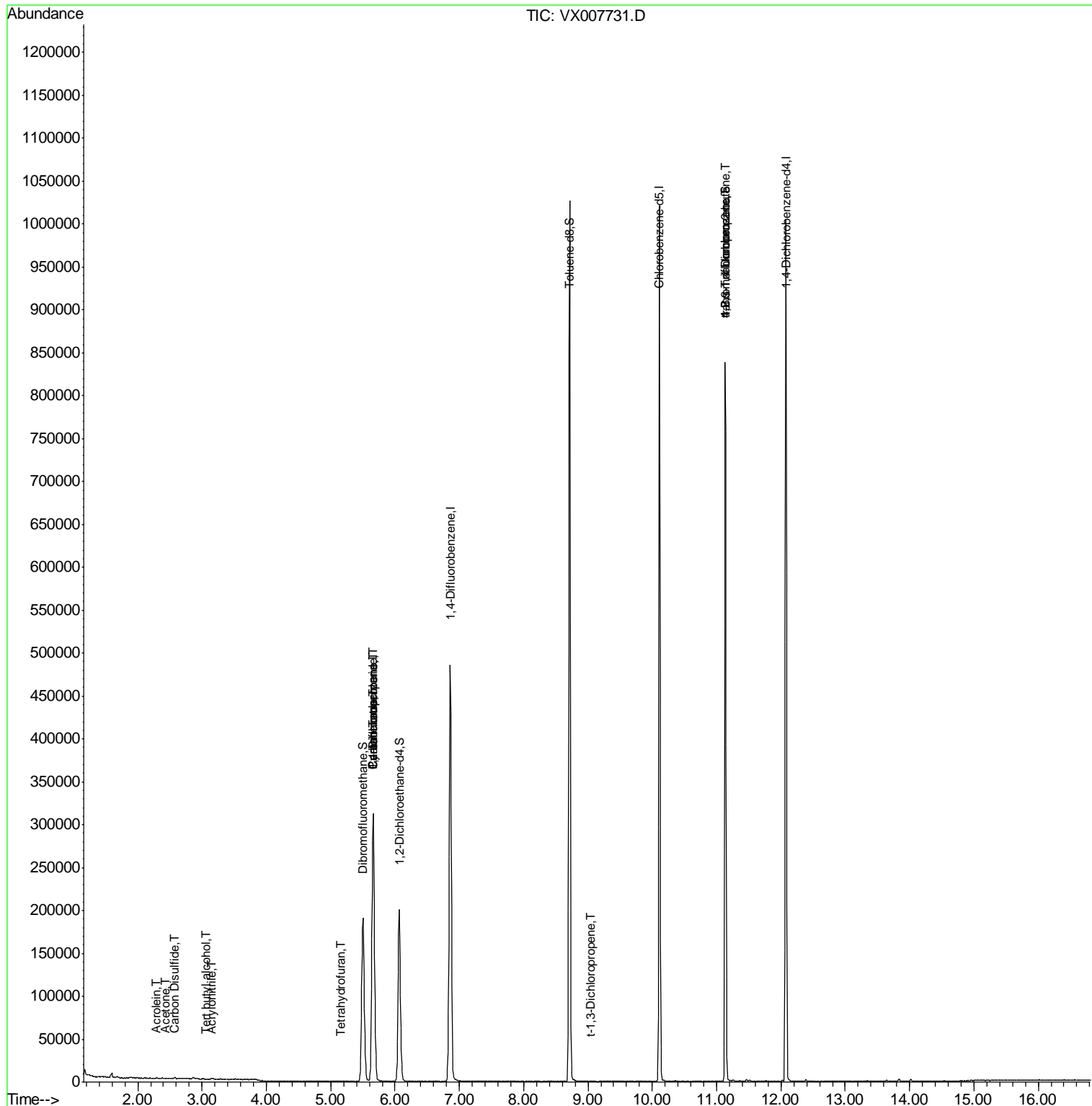
					Qvalue
5) Bromomethane	1.66	94	645	Below Cal	92
11) Tert butyl alcohol	3.06	59	248	0.335 µg/l #	95
13) Acrolein	2.29	56	329	0.500 µg/l	92
15) Acrylonitrile	3.15	53	618	0.354 µg/l #	60
16) Acetone	2.44	43	726	0.418 µg/l	91
17) Carbon Disulfide	2.57	76	1623	0.211 µg/l #	92
29) Tetrahydrofuran	5.16	42	839	0.481 µg/l #	59
31) Cyclohexane	5.65	56	5639	1.039 µg/l #	1
36) 1,1-Dichloropropene	5.66	75	21036	4.801 µg/l #	47
38) Carbon Tetrachloride	5.66	117	27797	6.316 µg/l #	18
53) t-1,3-Dichloropropene	9.05	75	134	2.827 µg/l #	31
76) 1,2,3-Trichloropropane	11.13	75	103192	22.051 µg/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	103192	58.543 µg/l #	9

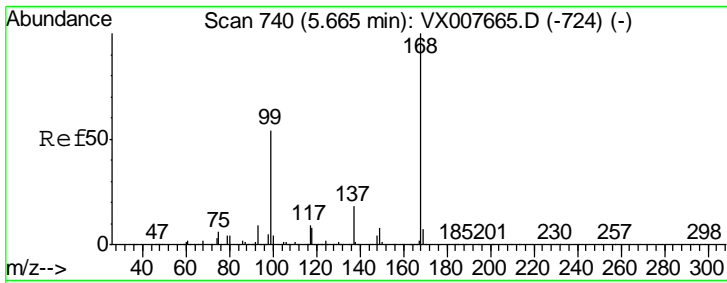
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 28 03:52:31 2019
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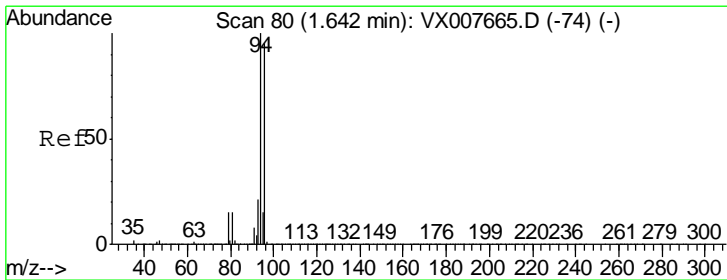
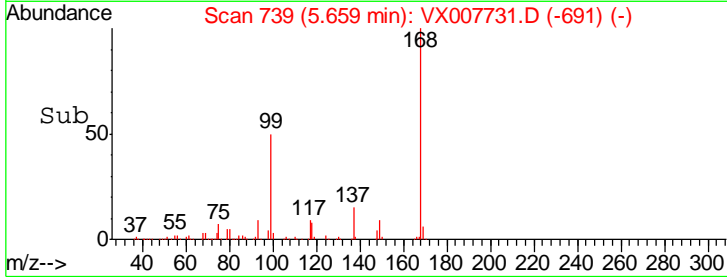
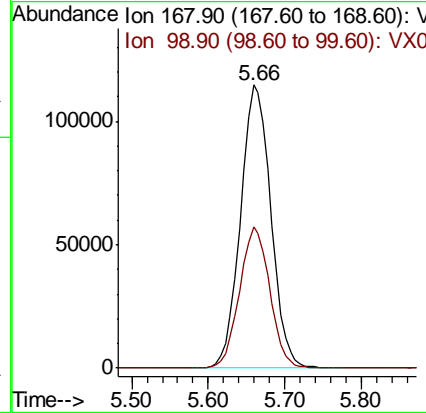
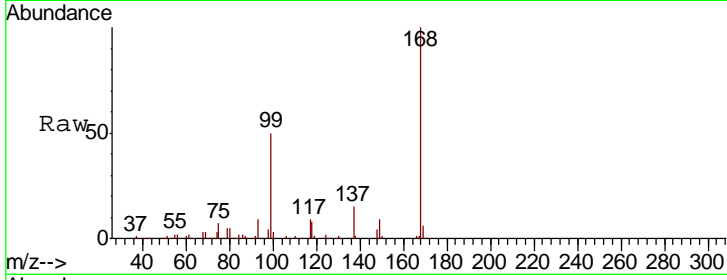




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

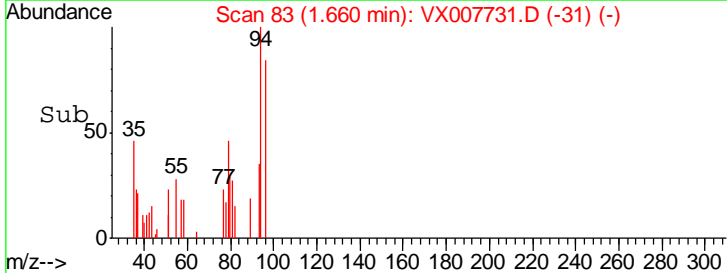
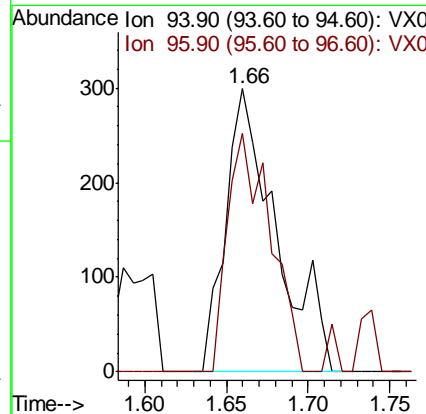
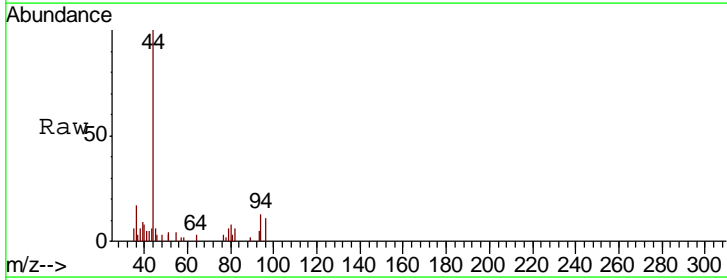
Instrument : MSVOA_X
 ClientSampled :

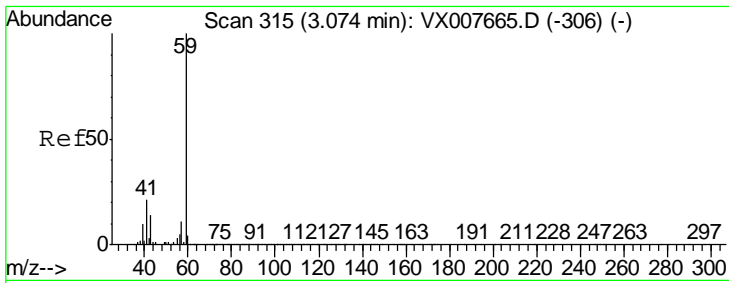
Tgt Ion	Resp	Lower	Upper
168	315365		
99	50.1	37.9	56.9



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.66 min Scan# 83
 Delta R.T. 0.02 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
94	645		
96	84.3	73.9	110.9

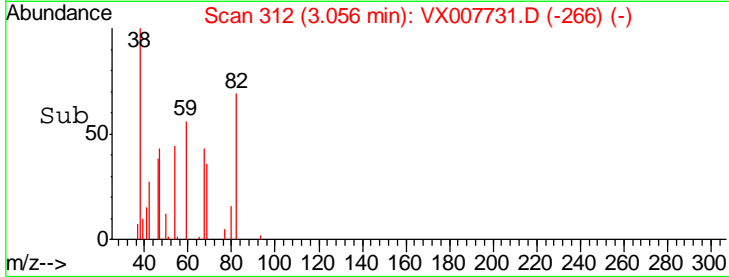
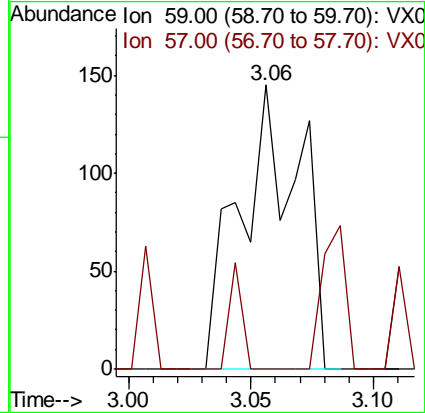
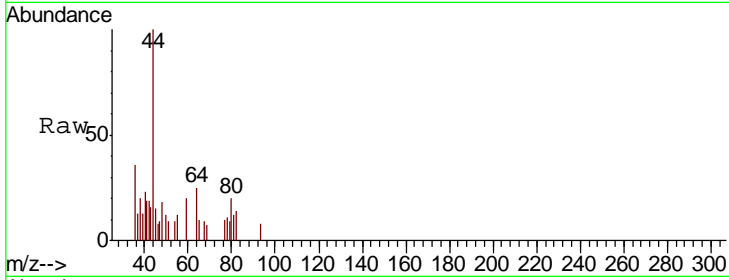




#11
 Tert butyl alcohol
 Concen: 0.335 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

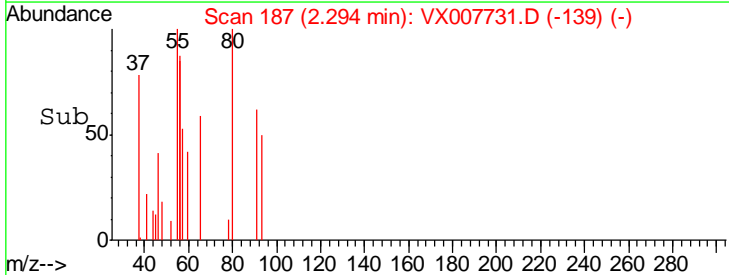
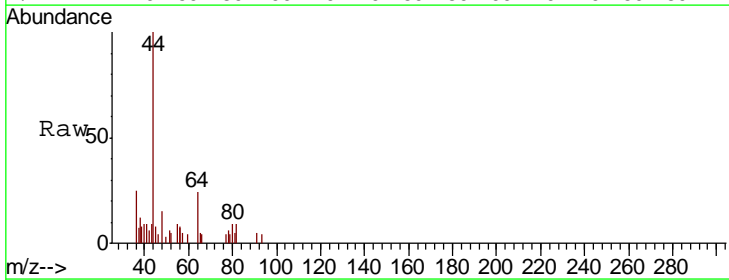
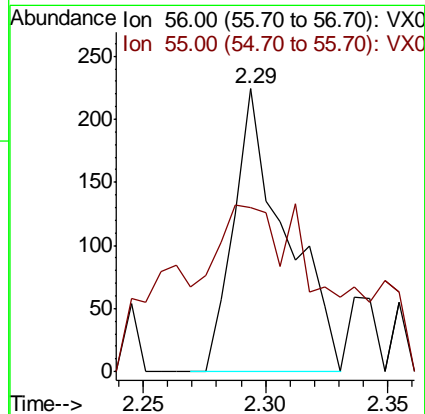
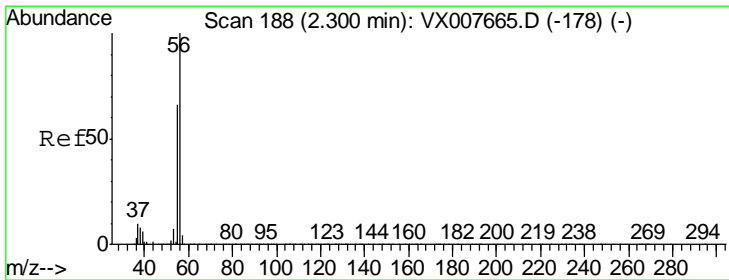
Instrument :
 MSVOA_X
 ClientSampled :

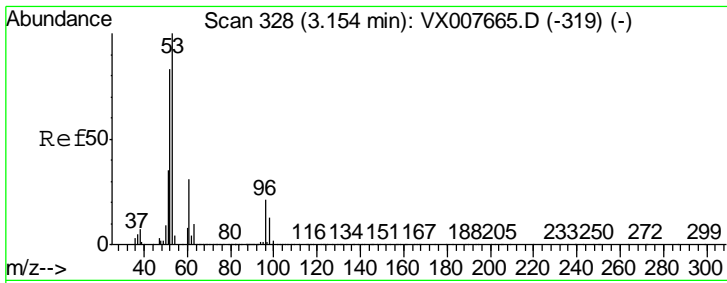
Tgt Ion	Resp	Lower	Upper
59	100		
57	8.1	8.1	12.1#



#13
 Acrolein
 Concen: 0.500 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
56	100		
55	64.1	56.9	85.3



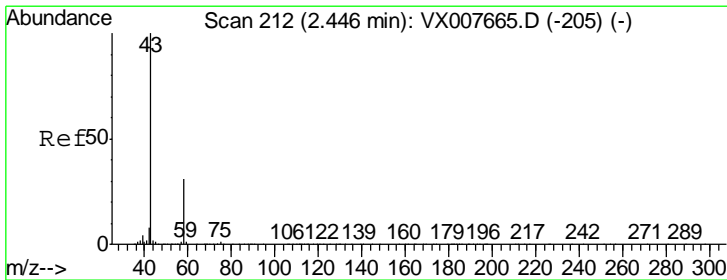
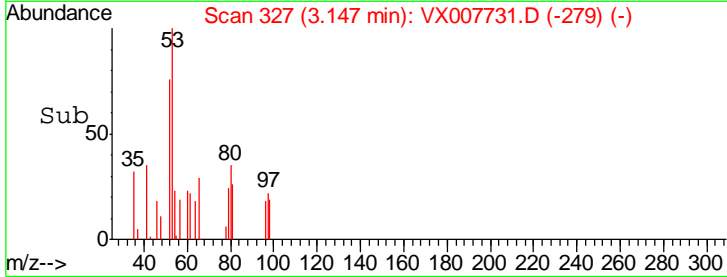
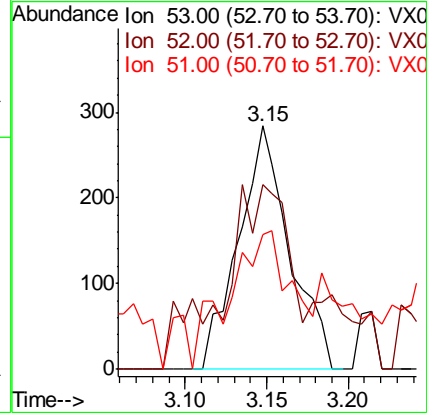
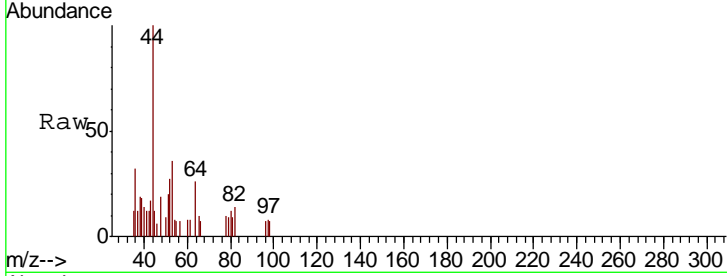


#15
 Acrylonitrile
 Concen: 0.354 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 53 Resp: 618

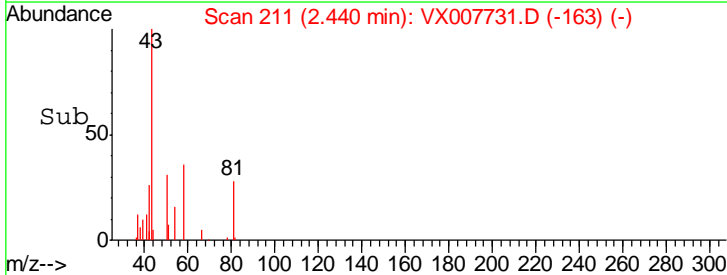
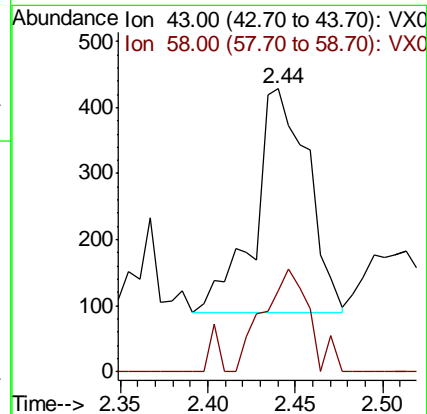
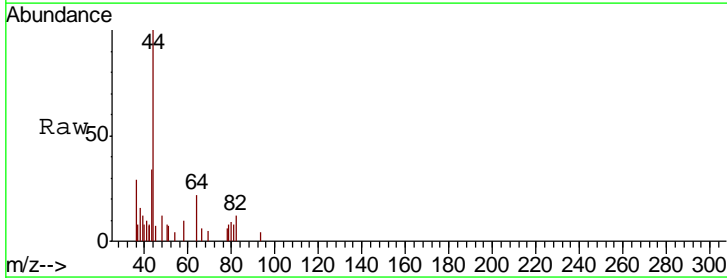
Ion	Ratio	Lower	Upper
53	100		
52	54.9	66.4	99.6#
51	71.2	28.4	42.6#

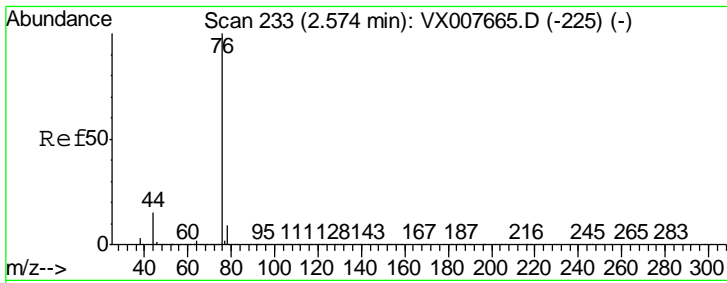


#16
 Acetone
 Concen: 0.418 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion: 43 Resp: 726

Ion	Ratio	Lower	Upper
43	100		
58	36.3	24.9	37.3

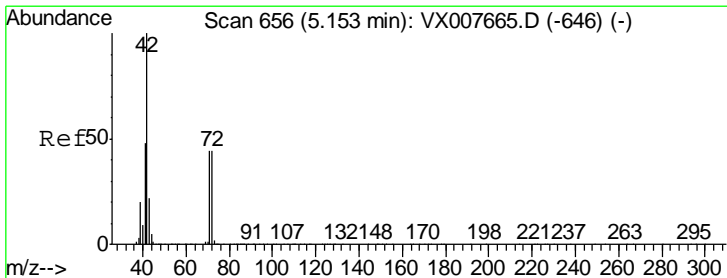
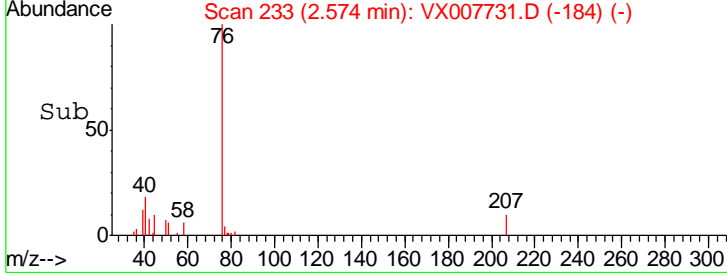
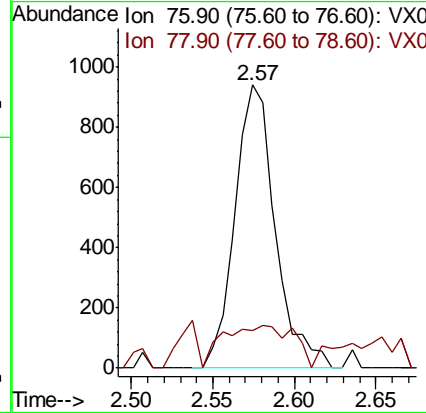
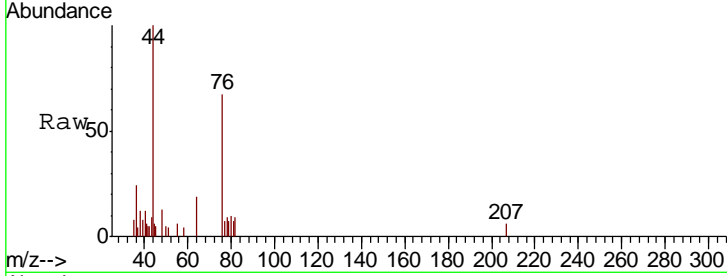




#17
 Carbon Disulfide
 Concen: 0.211 ug/l
 RT: 2.57 min Scan# 233
 Delta R.T. -0.00 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

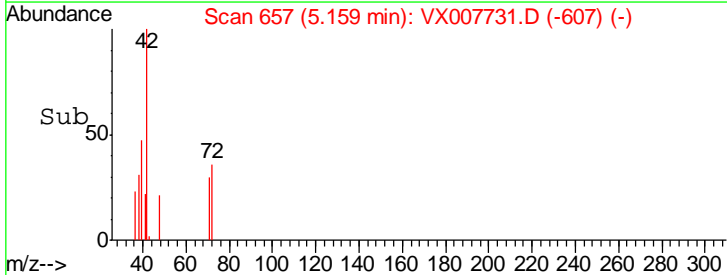
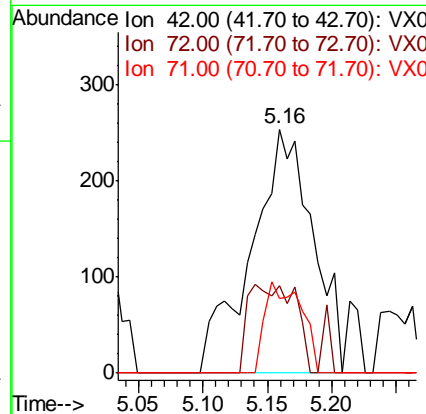
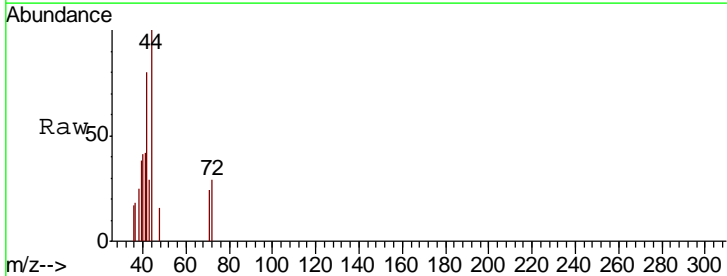
Instrument :
 MSVOA_X
 ClientSampled :

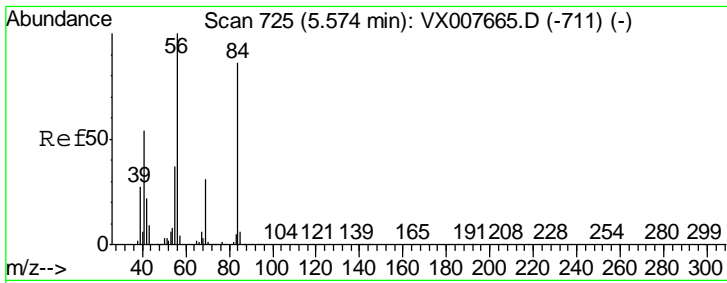
Tgt Ion	Resp	Lower	Upper
76	1623		
76	100		
78	6.0	7.1	10.7#



#29
 Tetrahydrofuran
 Concen: 0.481 ug/l
 RT: 5.16 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
42	839		
42	100		
72	14.7	37.6	56.4#
71	21.8	34.6	51.8#

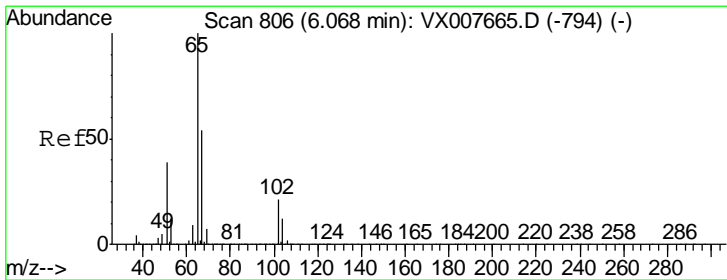
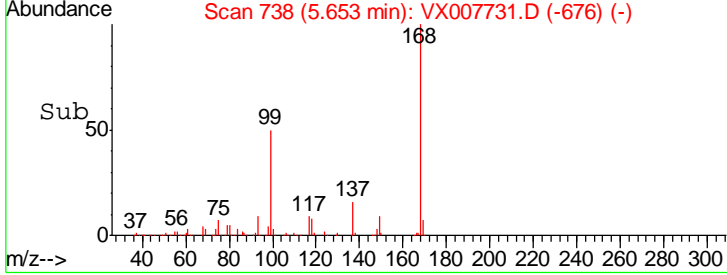
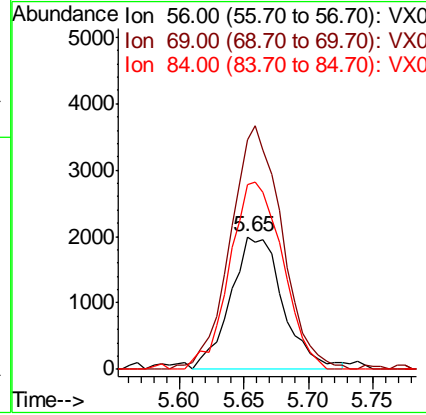
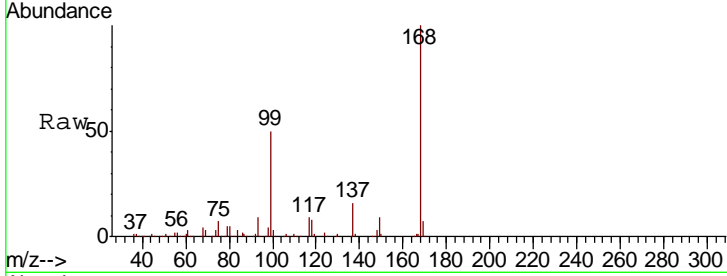




#31
 Cyclohexane
 Concen: 1.039 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. 0.08 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

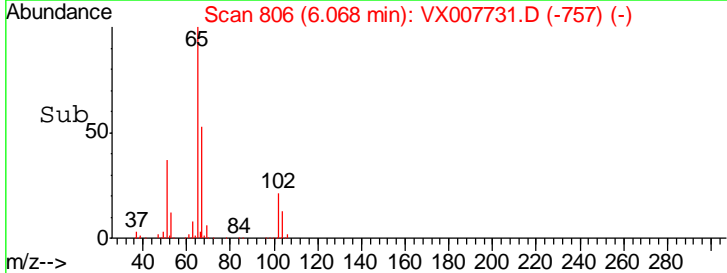
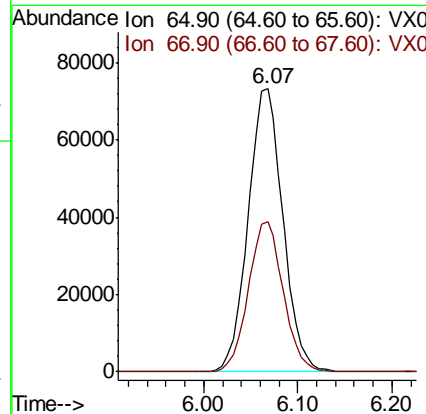
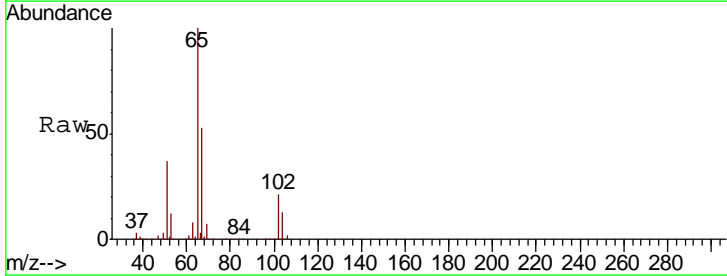
Instrument :
 MSVOA_X
 ClientSampled :

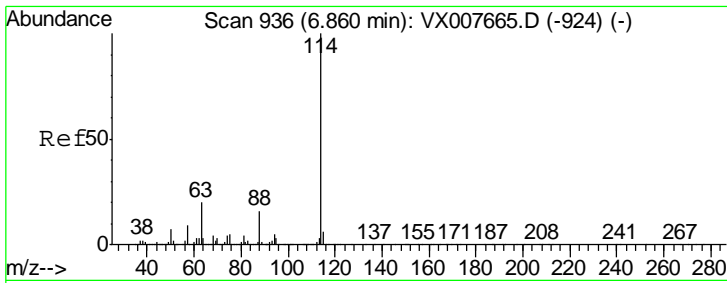
Tgt Ion	Resp	Lower	Upper
56	5639		
69	170.4	23.0	34.6#
84	139.8	69.8	104.6#



#33
 1,2-Dichloroethane-d4
 Concen: 48.586 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
65	189795		
67	53.0	0.0	108.8

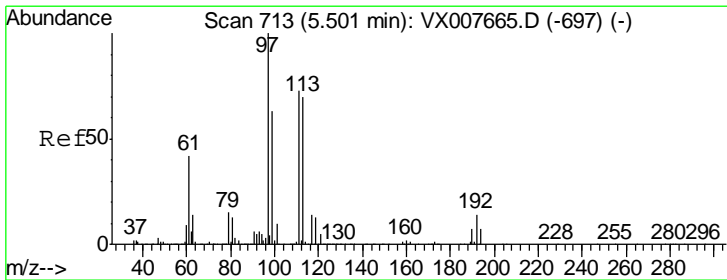
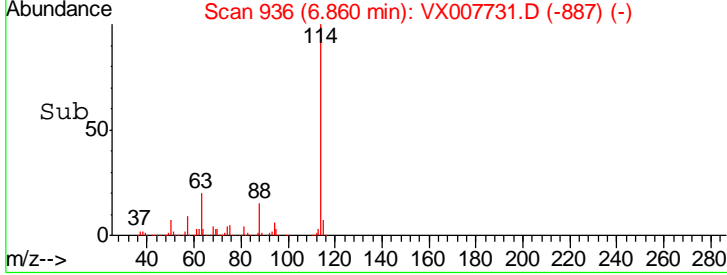
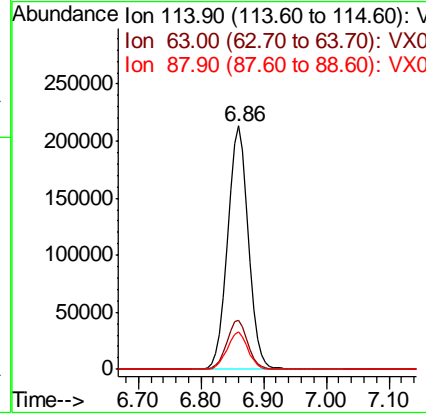
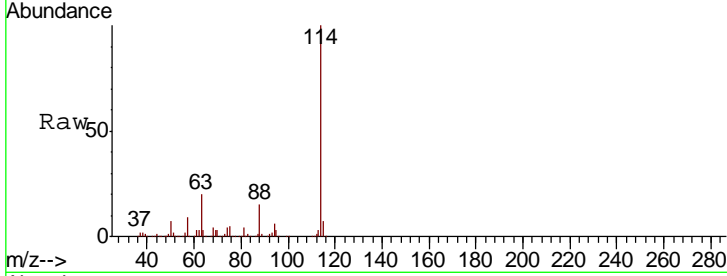




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

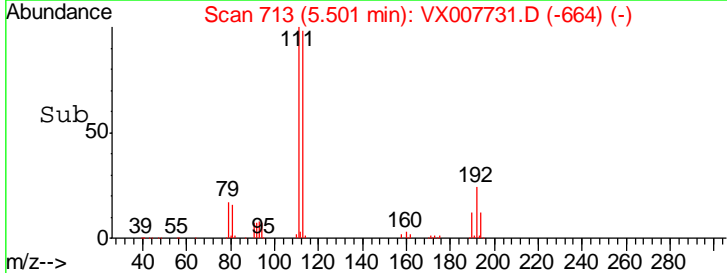
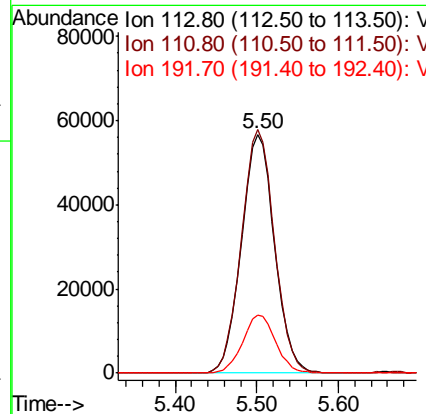
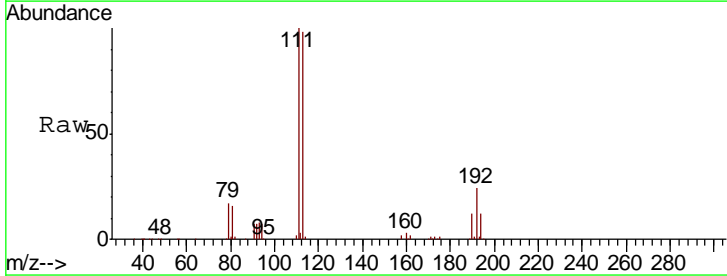
Instrument :
 MSVOA_X
 ClientSampled :

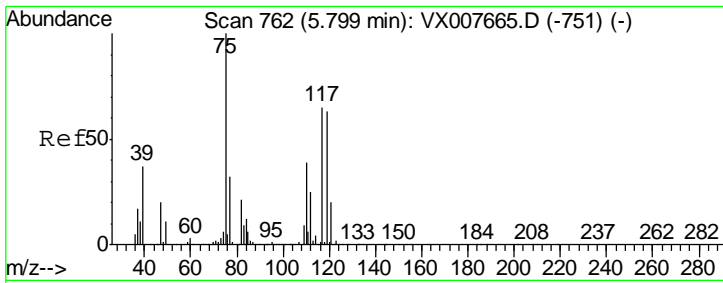
Tgt Ion	Resp	Lower	Upper
114	487327		
63	20.3	0.0	35.6
88	15.4	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 48.998 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
113	159617		
111	101.9	81.8	122.8
192	24.2	18.5	27.7

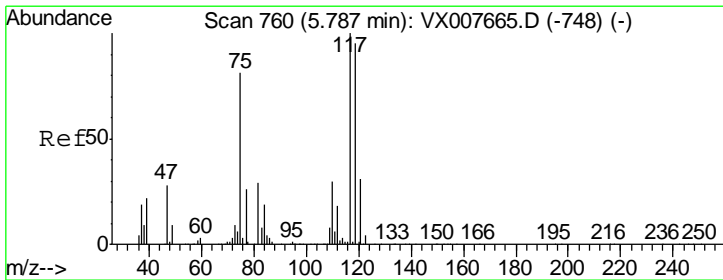
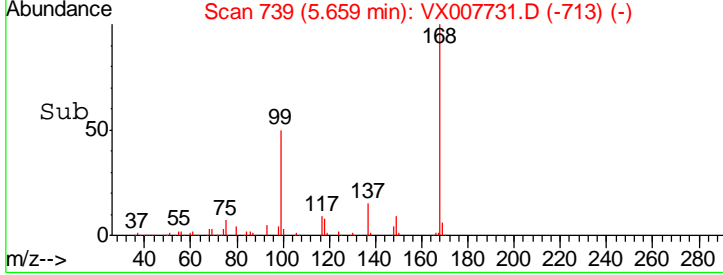
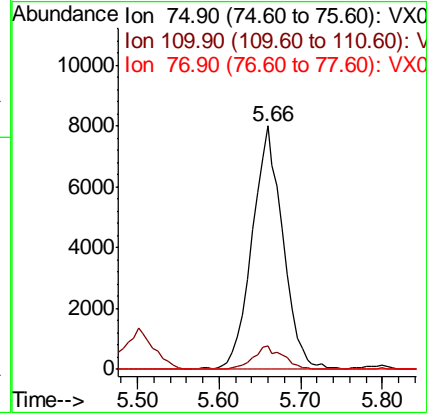
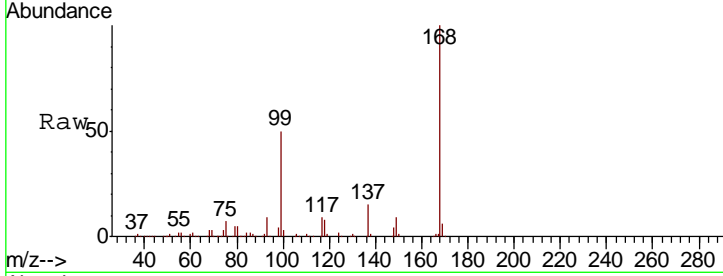




#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

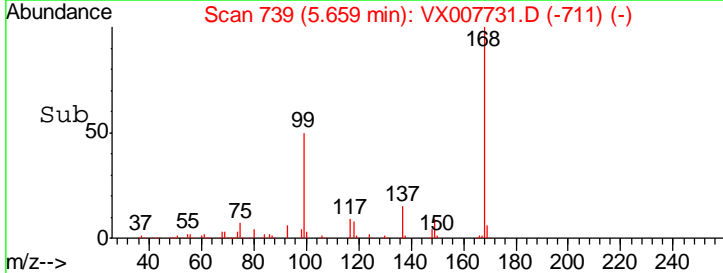
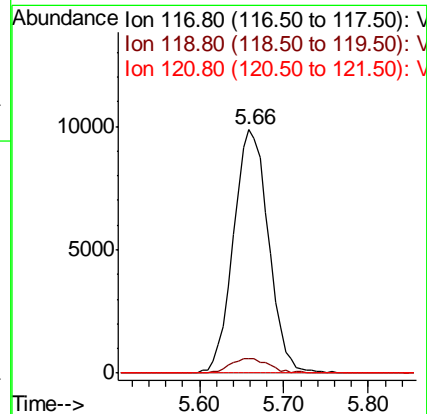
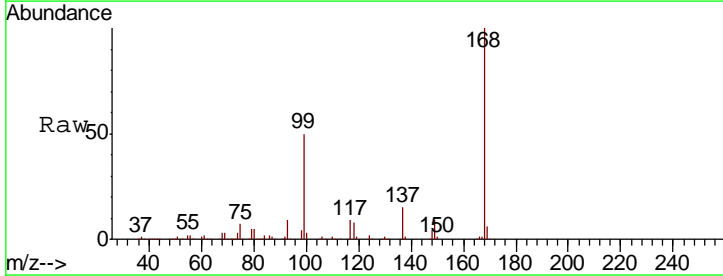
Instrument :
 MSVOA_X
 ClientSampled :

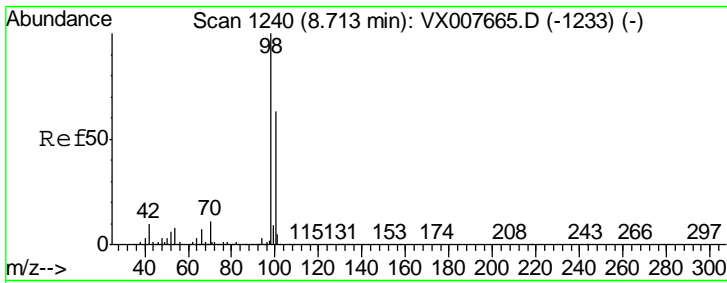
Tgt Ion	Resp	Lower	Upper
75	21036		
110	9.0	20.0	59.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.316 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
117	27797		
119	6.2	75.3	112.9#
121	0.0	25.0	37.4#

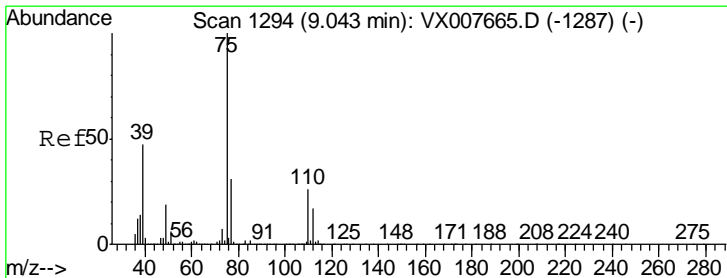
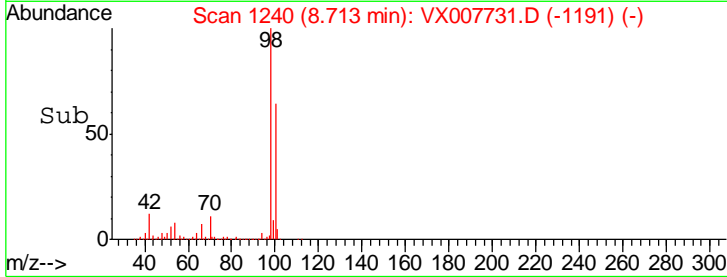
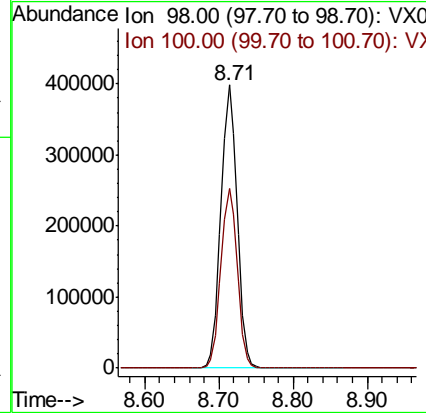
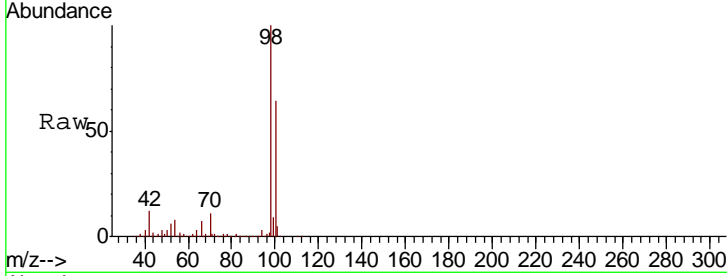




#50
 Toluene-d8
 Concen: 47.989 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

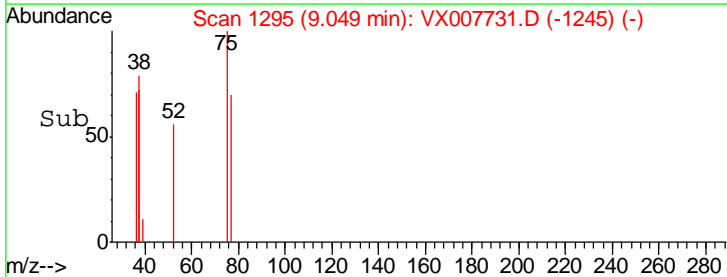
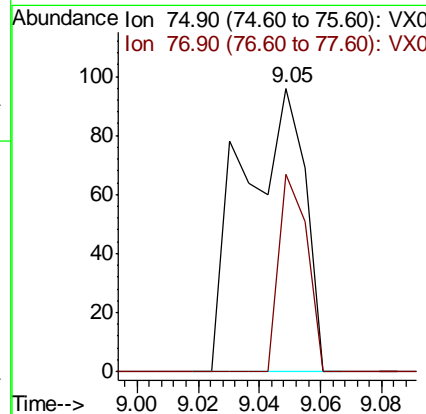
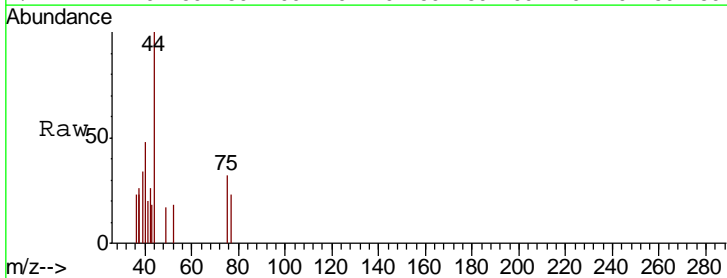
Instrument :
 MSVOA_X
 ClientSampled :

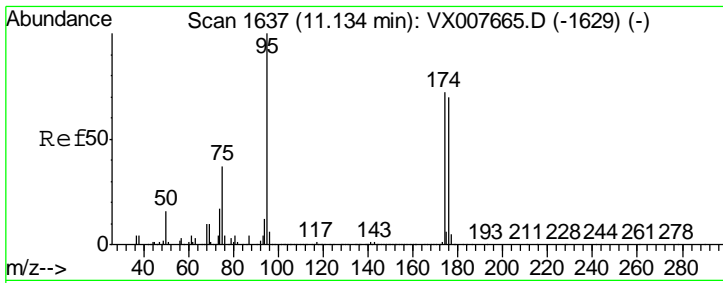
Tgt Ion	Resp	Lower	Upper
98	100		
100	64.3	51.6	77.4



#53
 t-1,3-Dichloropropene
 Concen: 2.827 ug/l
 RT: 9.05 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
75	100		
77	69.8	25.2	37.8#

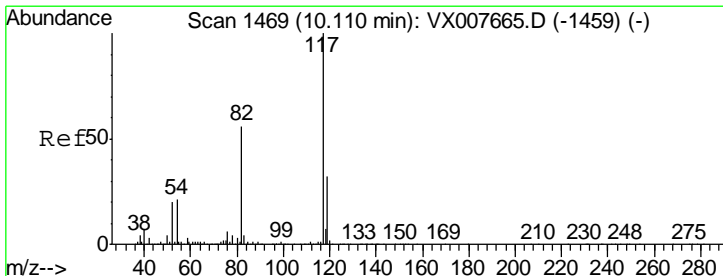
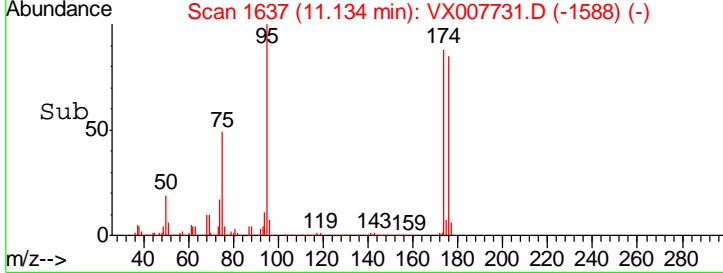
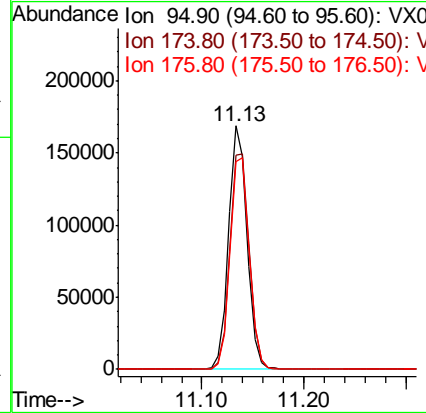
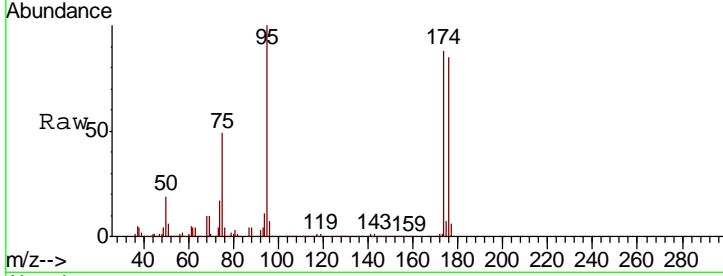




#62
 4-Bromofluorobenzene
 Concen: 46.193 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

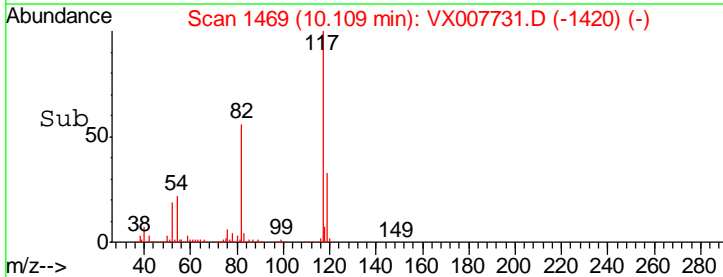
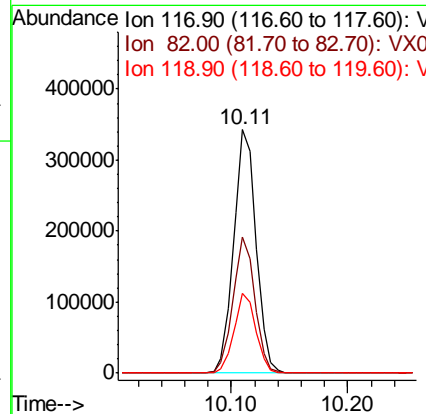
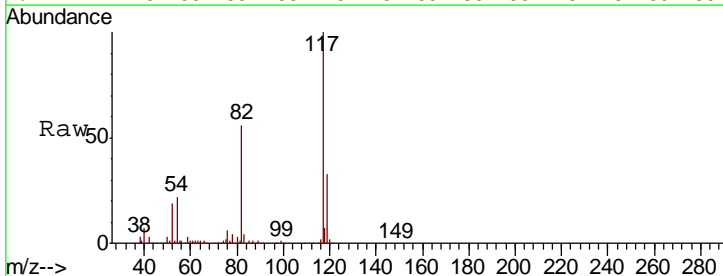
Instrument :
 MSVOA_X
 ClientSampled :

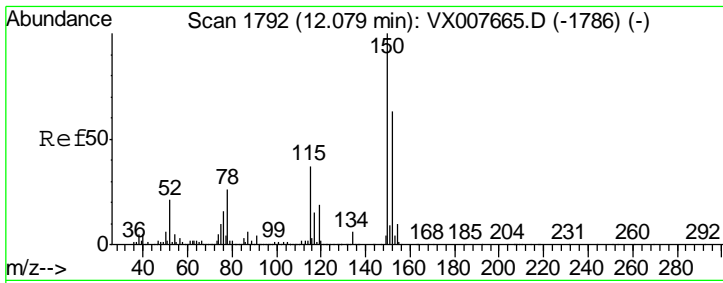
Tgt Ion	Resp	Lower	Upper
95	211445		
174	93.0	0.0	189.2
176	90.4	0.0	186.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
117	458371		
82	55.8	42.1	63.1
119	32.7	26.5	39.7

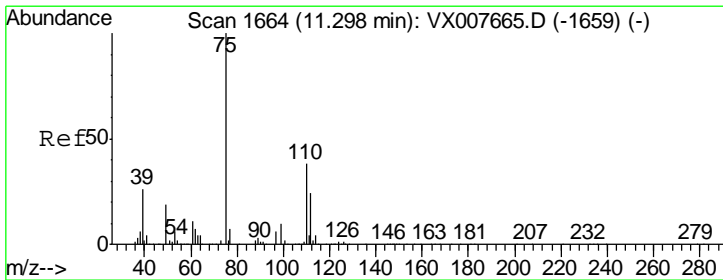
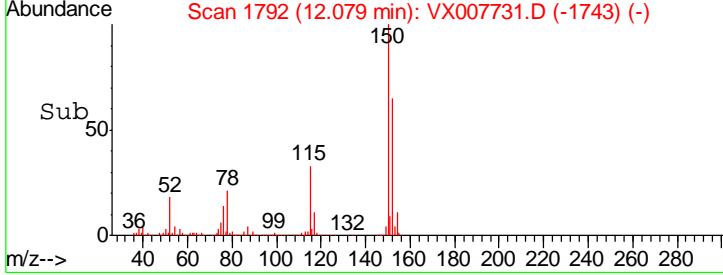
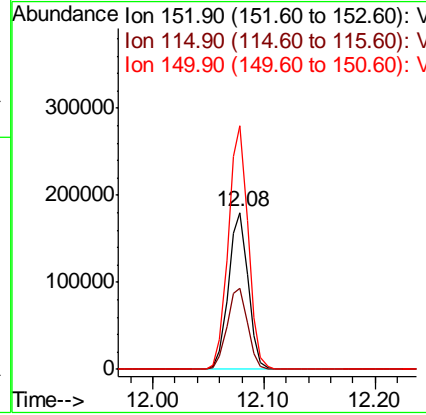
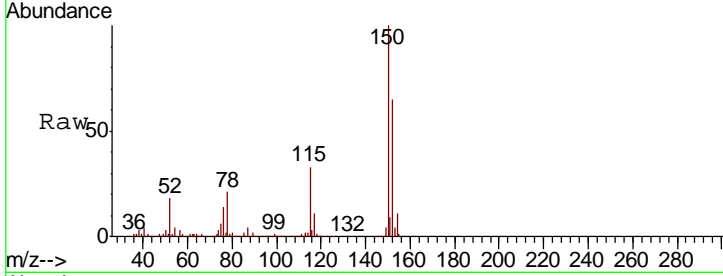




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

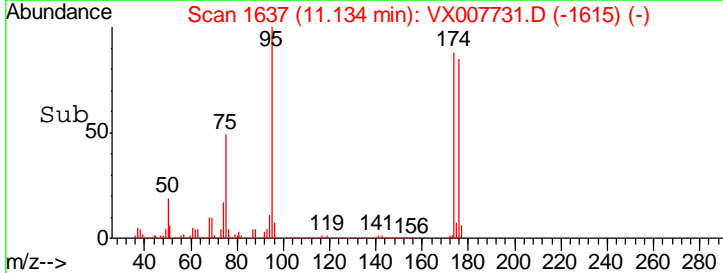
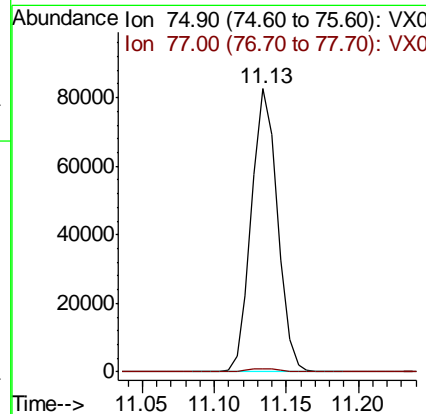
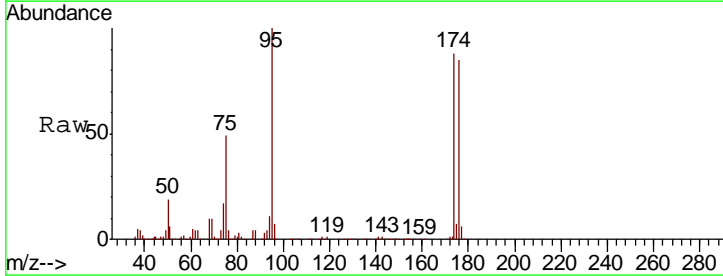
Instrument :
 MSVOA_X
 ClientSampled :

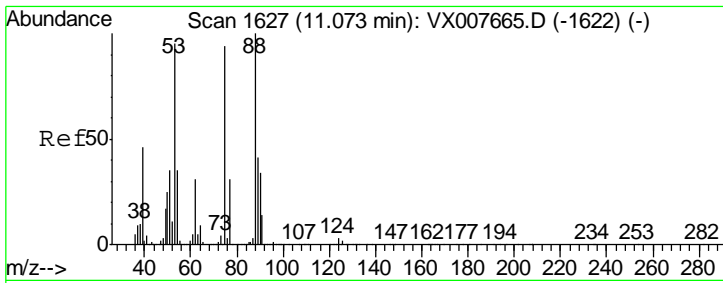
Tgt Ion	Resp	Lower	Upper
152	100		
115	54.2	38.0	114.0
150	156.4	0.0	346.4



#76
 1,2,3-Trichloropropane
 Concen: 22.051 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	23.0	69.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.543 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007731.D
 Acq: 27 Feb 2019 13:57

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.2	81.0	121.6#
89	0.1	41.4	62.0#

