

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013132.D
 Acq On : 18 Oct 2019 17:08
 Operator : JC/SP
 Sample : K5450-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :
 FA19-GMZ3-TB2

Quant Time: Oct 18 23:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	102186	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	79044	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	8.71	98	305969	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.13	95	102096	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	

Target Compounds

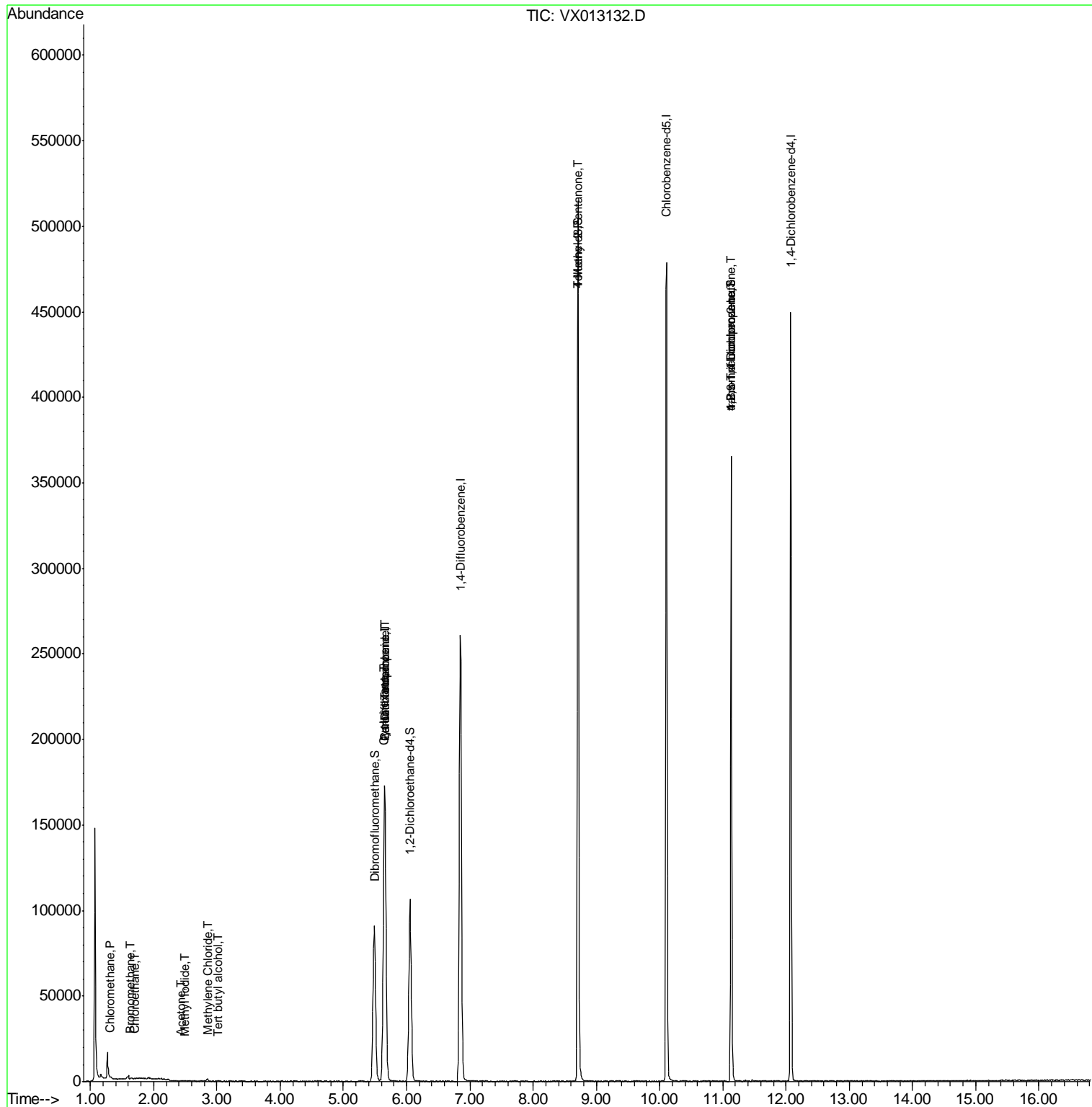
					Qvalue	
3) Chloromethane	1.32	50	469	0.257	ug/l	# 66
5) Bromomethane	1.64	94	347	0.444	ug/l	83
6) Chloroethane	1.70	64	184	0.527	ug/l	# 43
10) Methyl Iodide	2.50	142	163	5.160	ug/l	# 40
11) Tert butyl alcohol	3.02	59	499	0.917	ug/l	# 72
16) Acetone	2.44	43	519	0.480	ug/l	# 86
20) Methylene Chloride	2.85	84	664	0.334	ug/l	# 75
31) Cyclohexane	5.64	56	3213	1.078	ug/l	# 2
36) 1,1-Dichloropropene	5.65	75	12323	5.300	ug/l	# 50
38) Carbon Tetrachloride	5.65	117	16619	7.343	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.71	43	1336	0.513	ug/l	# 1
76) 1,2,3-Trichloropropane	11.13	75	50413	25.904	ug/l	# 32
81) trans-1,4-Dichloro-2-buten	11.13	75	50413	65.255	ug/l	# 10

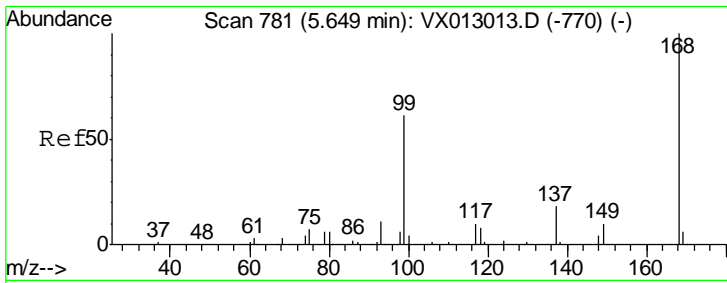
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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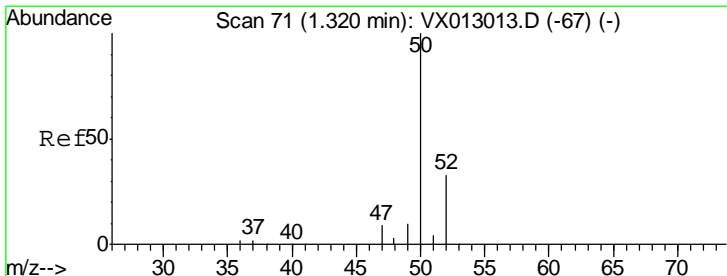
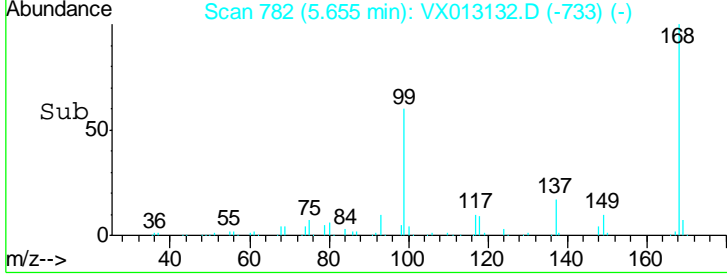
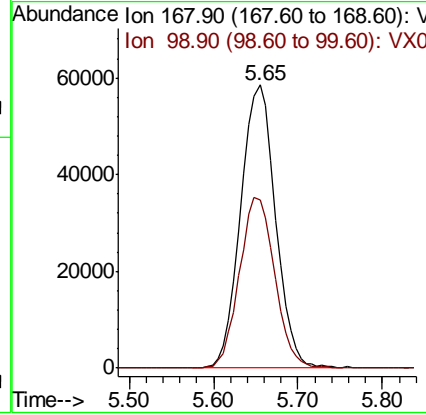
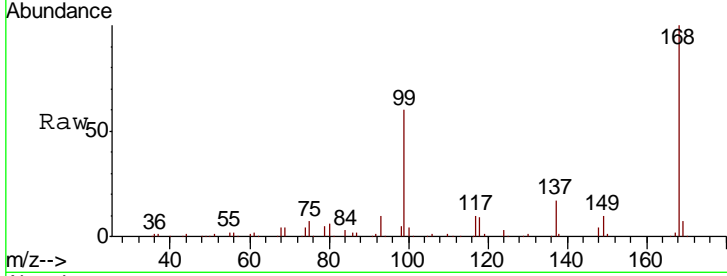




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

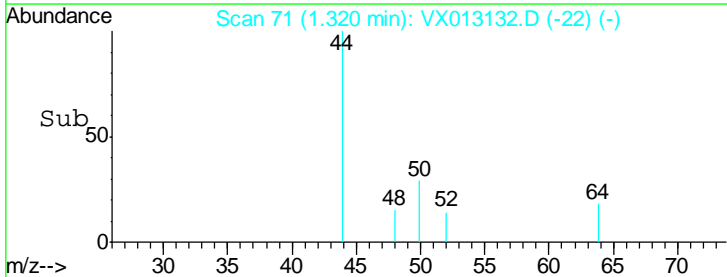
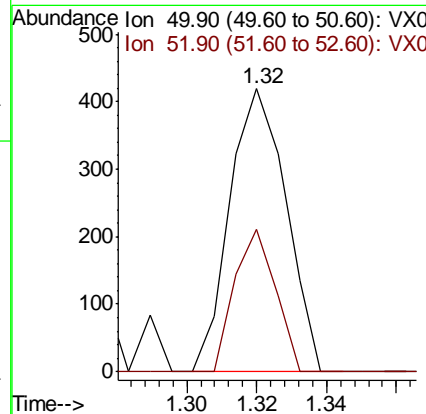
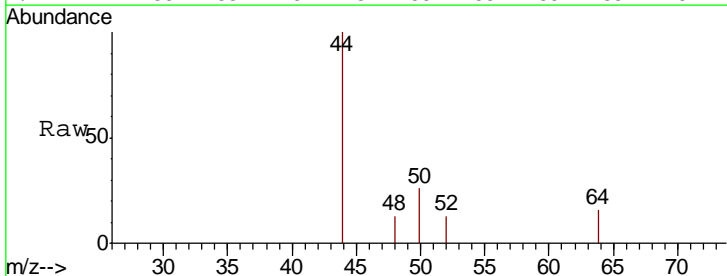
Instrument : MSVOA_X
 ClientSampled : FA19-GMZ3-TB2

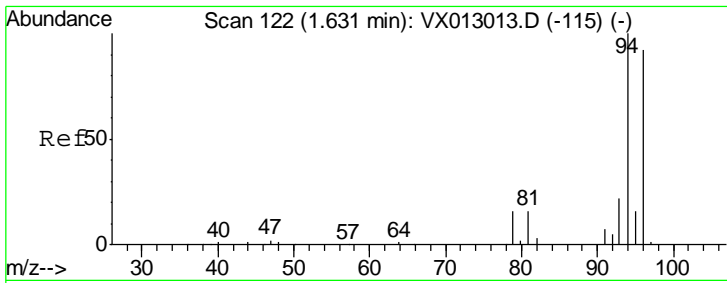
Tot Ion: 168 Resp: 164250
 Ion Ratio Lower Upper
 168 100
 99 59.5 49.4 74.0



#3
 Chloromethane
 Concen: 0.257 ug/l
 RT: 1.32 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion: 50 Resp: 469
 Ion Ratio Lower Upper
 50 100
 52 50.4 25.2 37.8#

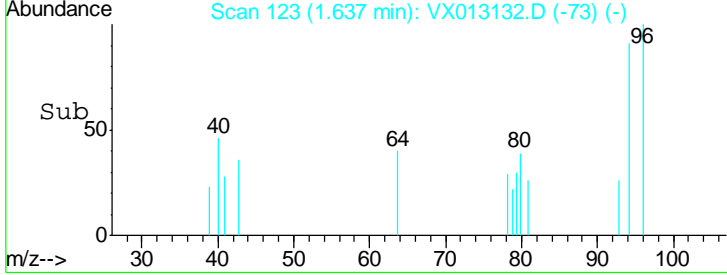
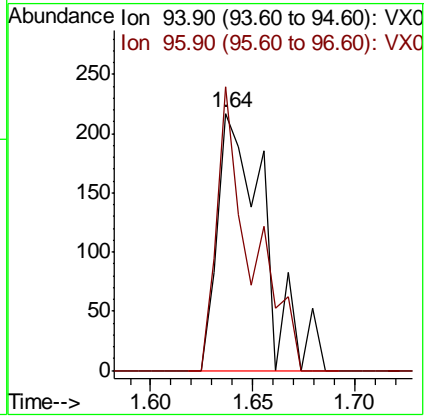
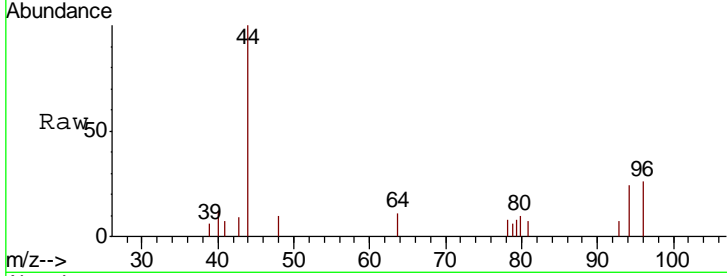




#5
 Bromomethane
 Concen: 0.444 ug/l
 RT: 1.64 min Scan# 123
 Delta R.T. 0.01 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

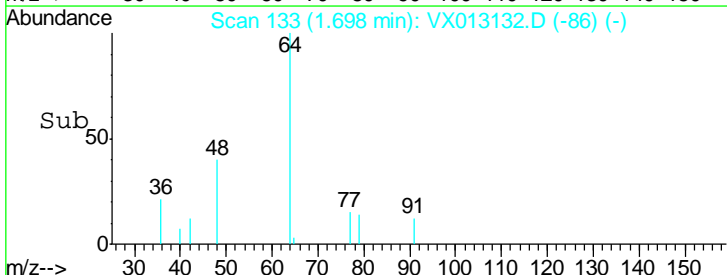
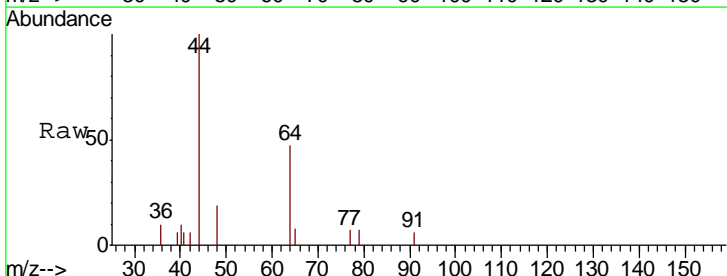
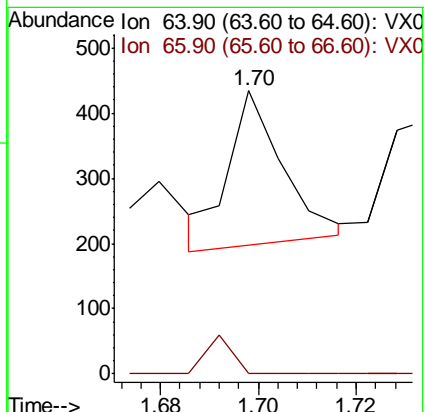
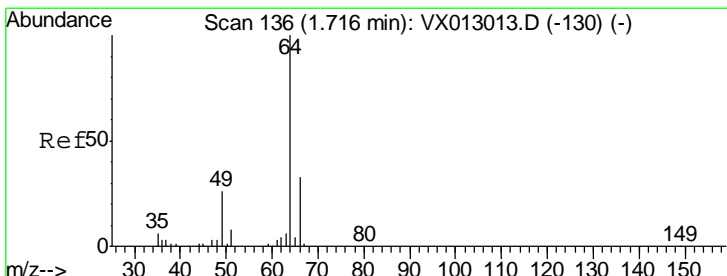
Instrument :
 MSVOA_X
ClientSampled :
 FA19-GMZ3-TB2

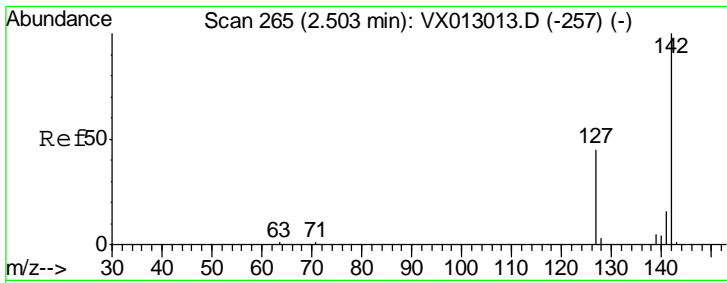
Tgt Ion: 94 Resp: 347
 Ion Ratio Lower Upper
 94 100
 96 110.1 74.7 112.1



#6
 Chloroethane
 Concen: 0.527 ug/l
 RT: 1.70 min Scan# 133
 Delta R.T. -0.01 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion: 64 Resp: 184
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.6 38.4#

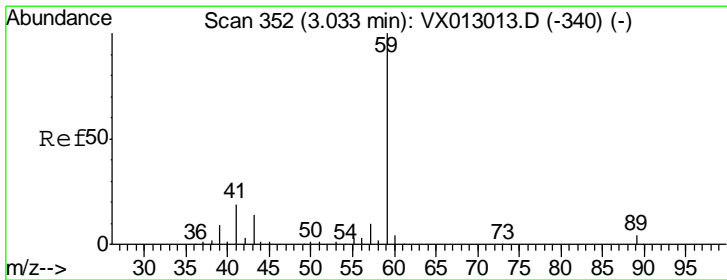
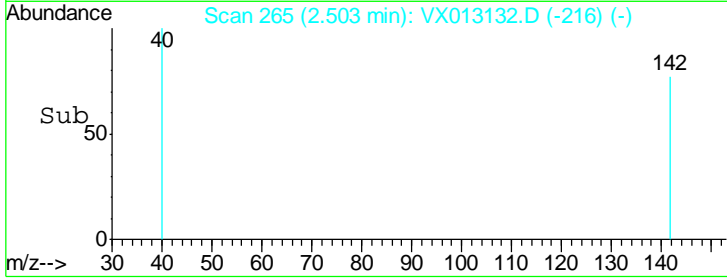
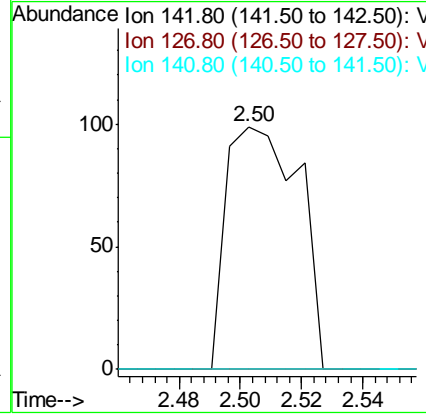
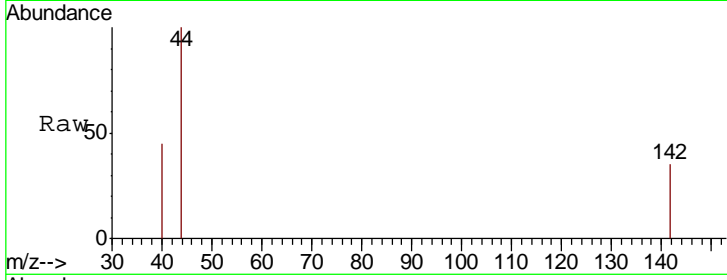




#10
Methyl Iodide
Concen: 5.160 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013132.D
Acq: 18 Oct 2019 17:08

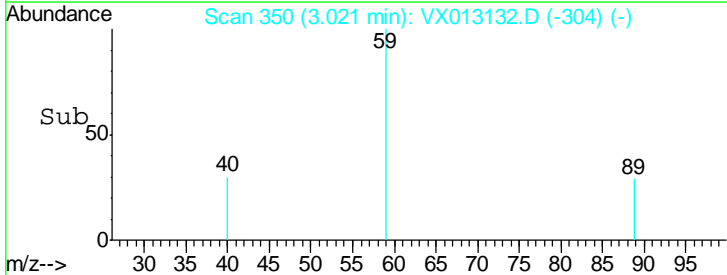
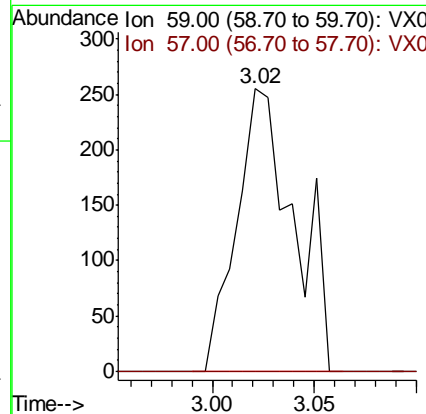
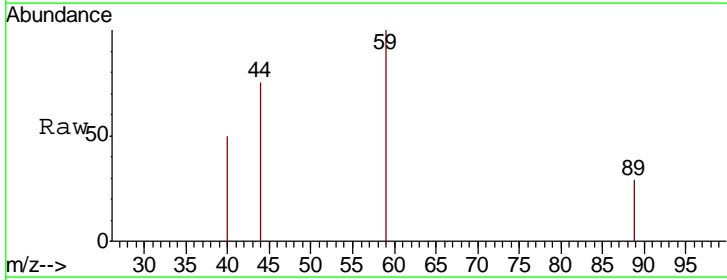
Instrument :
MSVOA_X
ClientSampled :
FA19-GMZ3-TB2

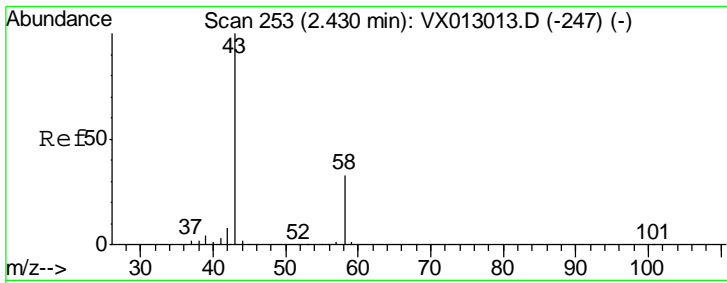
Tgt Ion	Resp	Lower	Upper
142	163		
127	0.0	34.9	52.3#
141	0.0	11.6	17.4#



#11
Tert butyl alcohol
Concen: 0.917 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013132.D
Acq: 18 Oct 2019 17:08

Tgt Ion	Resp	Lower	Upper
59	499		
57	0.0	8.3	12.5#

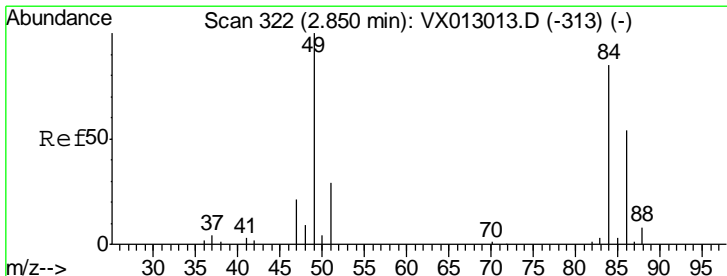
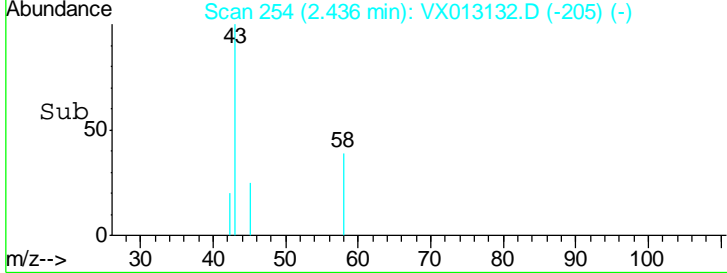
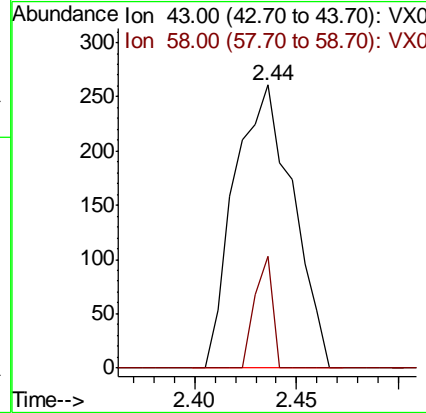
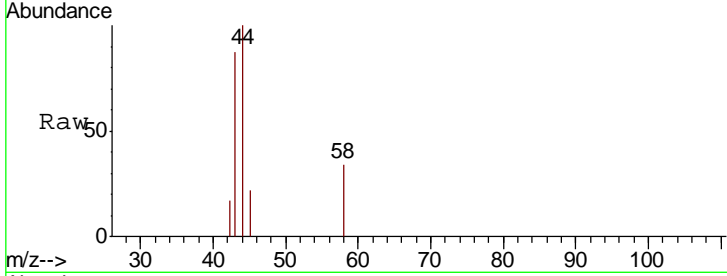




#16
 Acetone
 Concen: 0.480 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

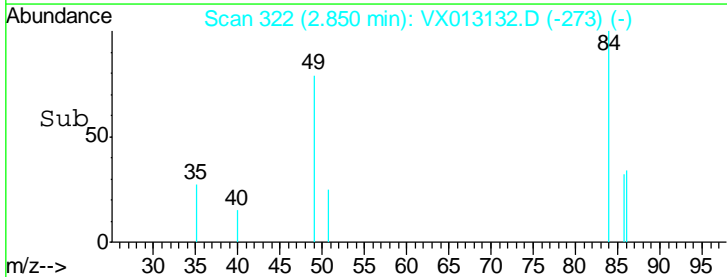
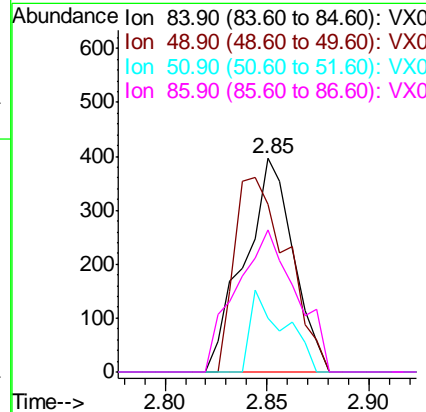
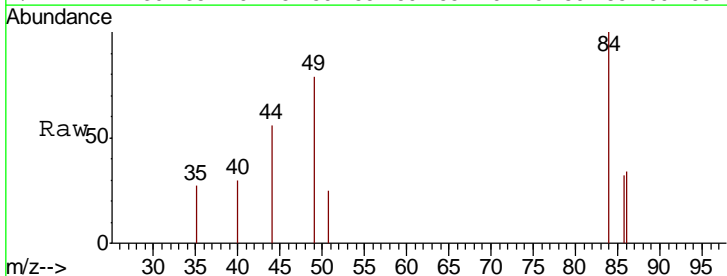
Instrument :
 MSVOA_X
ClientSampled :
 FA19-GMZ3-TB2

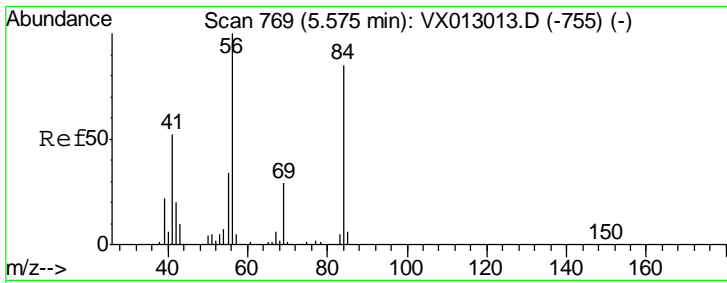
Tgt Ion	Resp	Lower	Upper
43	100		
58	39.5	25.4	38.2#



#20
 Methylene Chloride
 Concen: 0.334 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion	Resp	Lower	Upper
84	100		
49	78.5	96.6	144.8#
51	25.0	30.7	46.1#
86	66.7	51.0	76.6

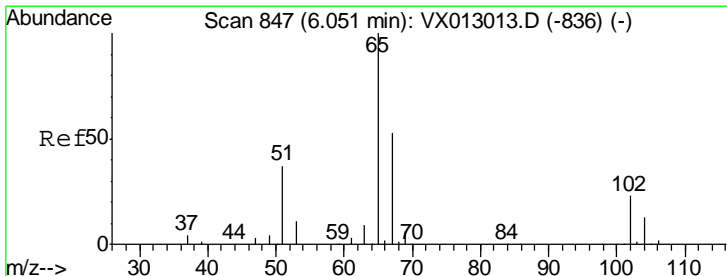
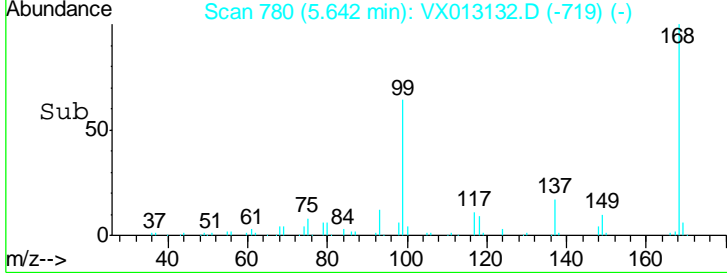
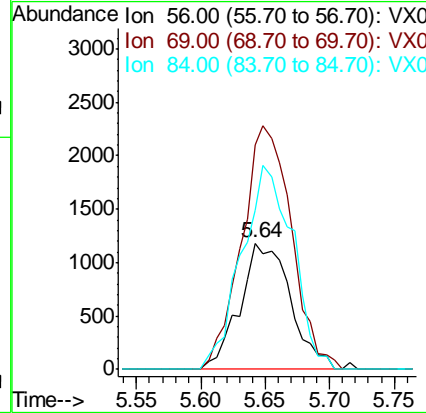
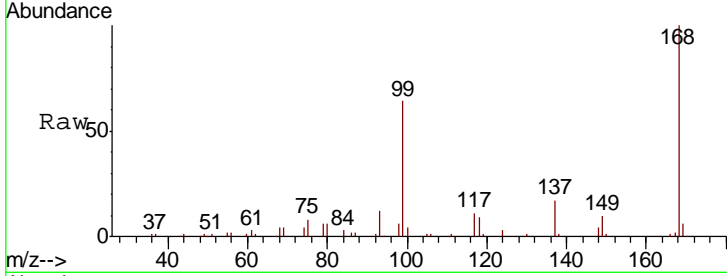




#31
 Cyclohexane
 Concen: 1.078 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. 0.07 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

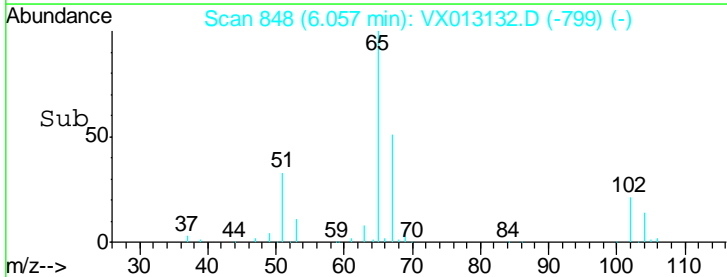
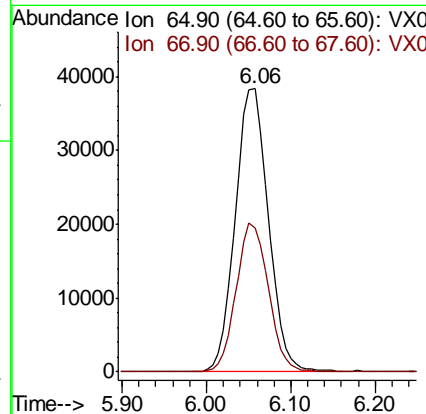
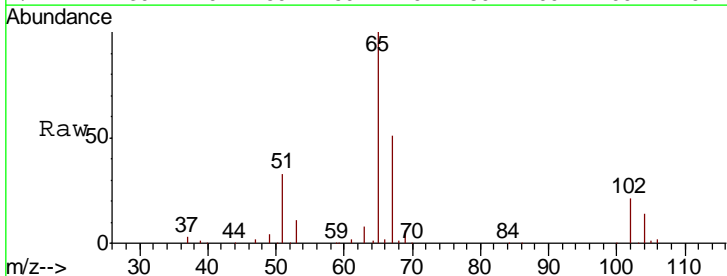
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ3-TB2

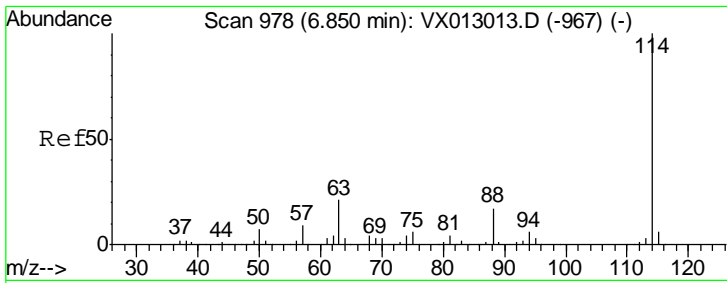
Tgt Ion	Resp	Lower	Upper
56	100		
69	177.3	25.2	37.8#
84	126.1	71.3	106.9#



#33
 1,2-Dichloroethane-d4
 Concen: 49.776 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion	Resp	Lower	Upper
65	100		
67	51.0	0.0	104.4

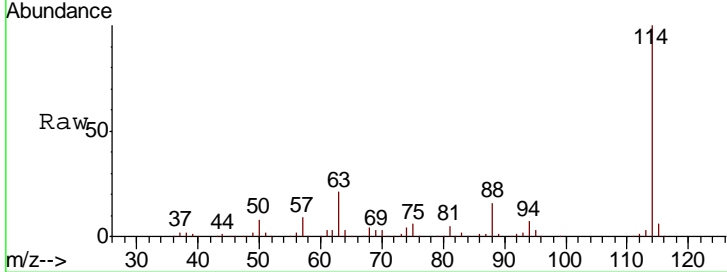




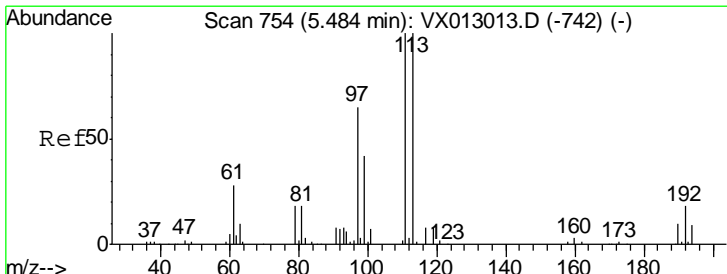
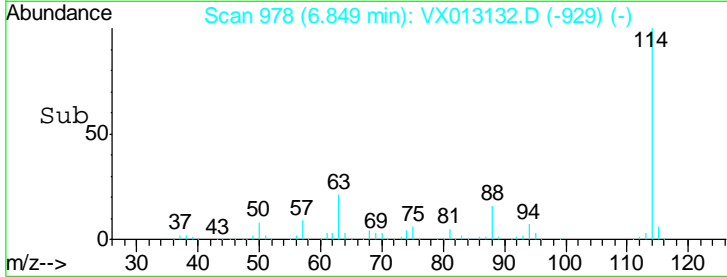
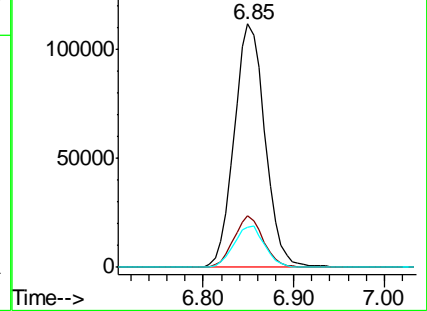
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Instrument :
 MSVOA_X
 ClientSampled :
 FA19-GMZ3-TB2

Tgt Ion	Resp	Lower	Upper
114	264464		
63	21.3	0.0	40.8
88	16.4	0.0	33.8

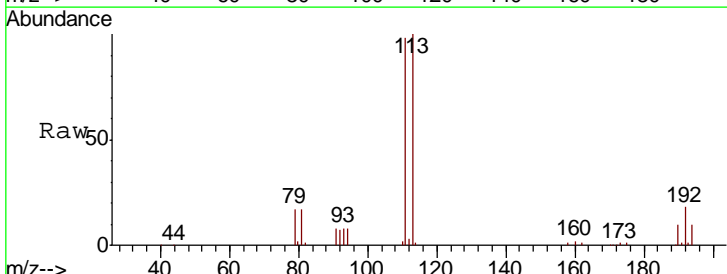


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

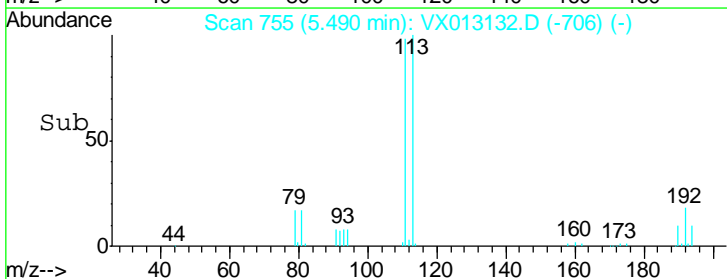
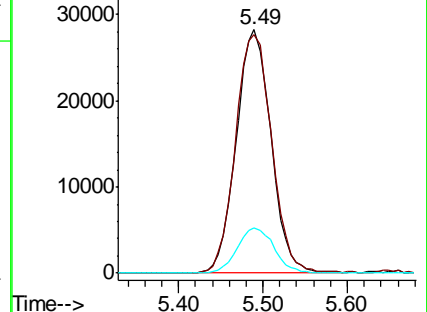


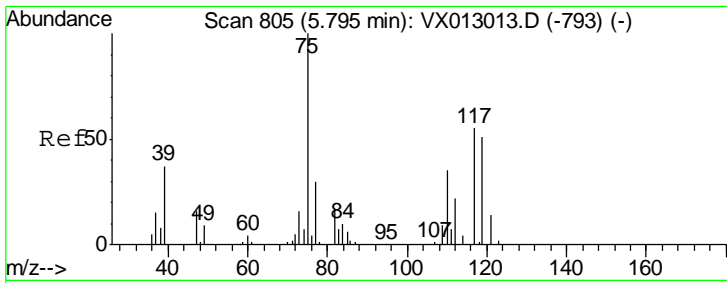
#35
 Dibromofluoromethane
 Concen: 52.075 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion	Resp	Lower	Upper
113	79044		
111	102.0	83.2	124.8
192	19.6	15.4	23.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

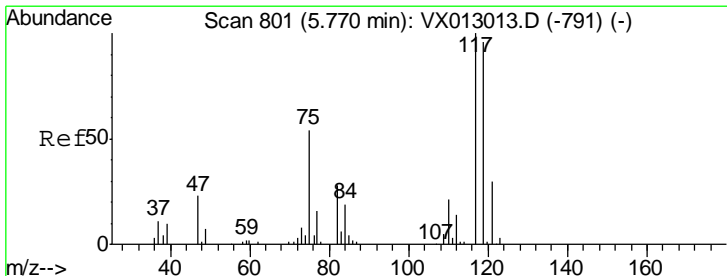
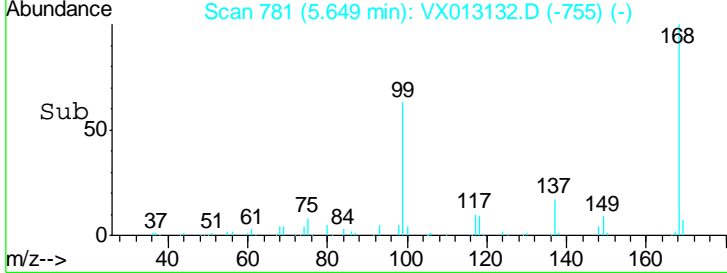
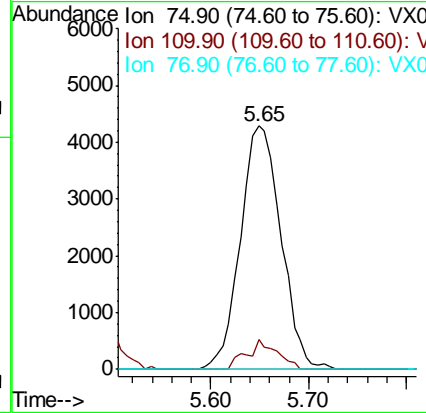
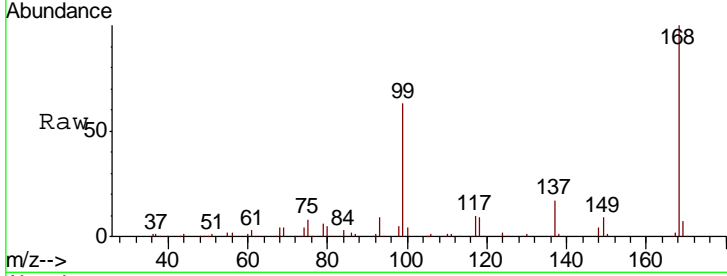




#36
 1,1-Dichloropropene
 Concen: 5.300 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

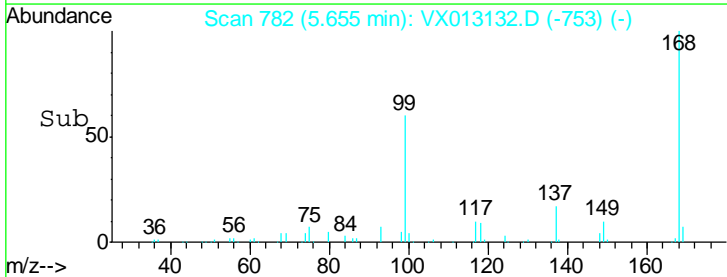
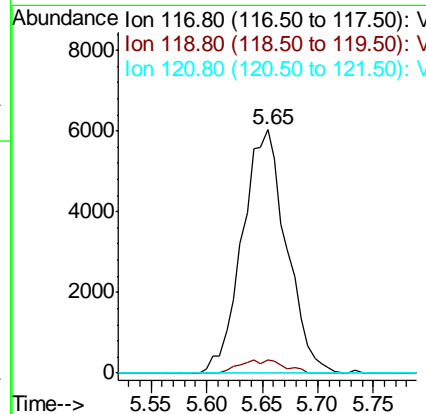
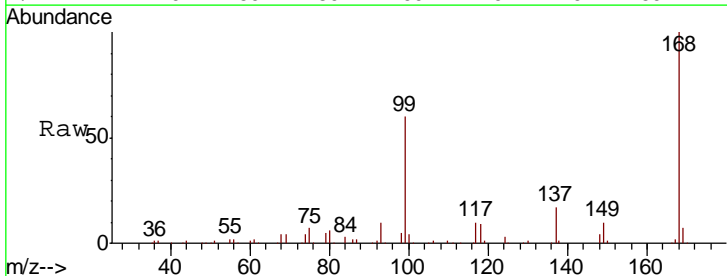
Instrument :
 MSVOA_X
ClientSampled :
 FA19-GMZ3-TB2

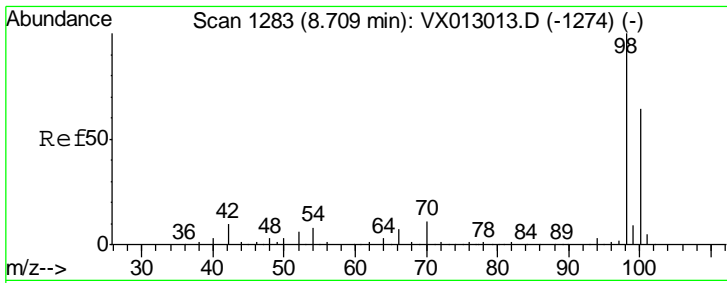
Tgt Ion	Resp	Lower	Upper
75	12323		
110	9.1	17.6	52.9#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 7.343 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion	Resp	Lower	Upper
117	16619		
119	5.3	74.5	111.7#
121	0.0	24.2	36.4#

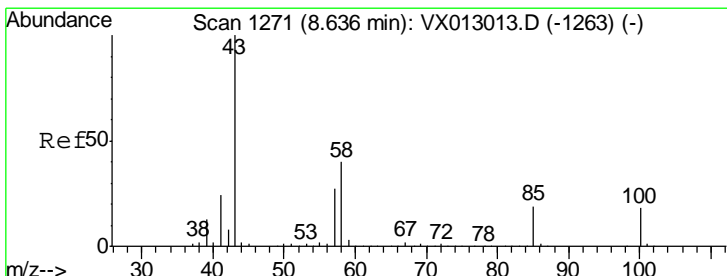
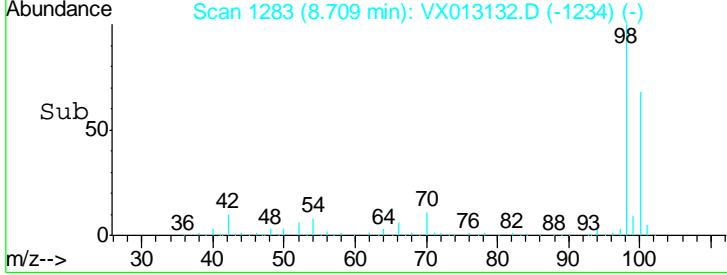
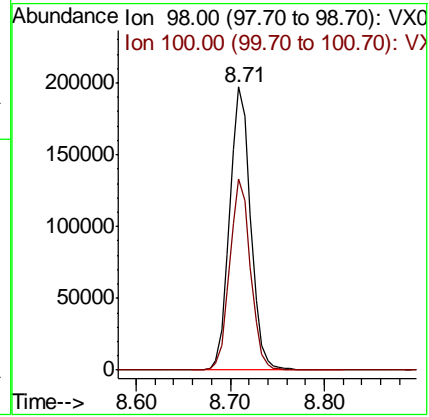
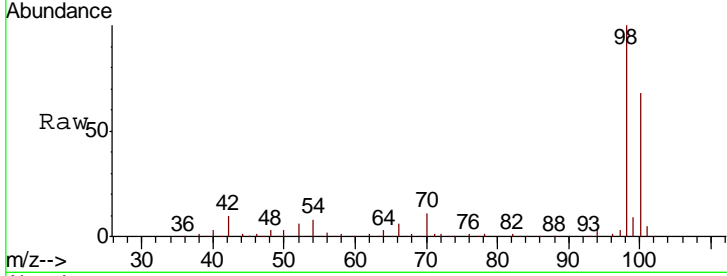




#50
 Toluene-d8
 Concen: 51.683 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

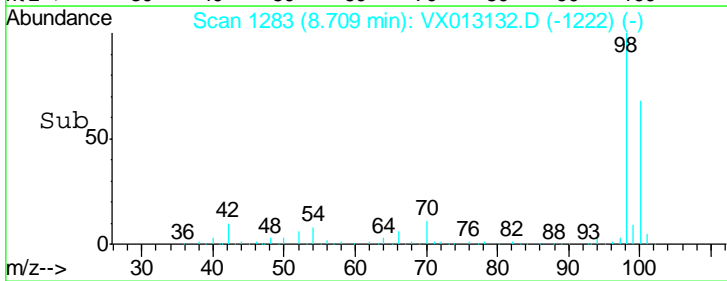
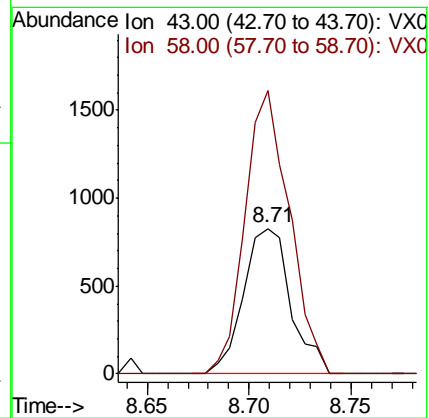
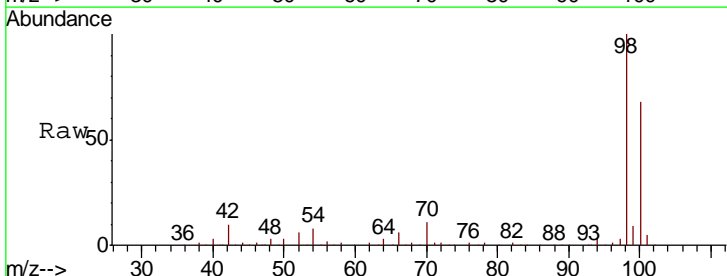
Instrument : MSVOA_X
 ClientSampled : FA19-GMZ3-TB2

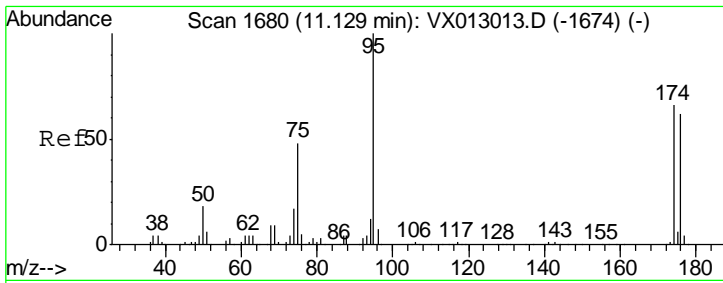
Tgt Ion	Resp	Lower	Upper
98	305969		
100	66.5	53.4	80.2



#51
 4-Methyl-2-Pentanone
 Concen: 0.513 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.07 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion	Resp	Lower	Upper
43	1336		
58	182.7	32.4	48.6#

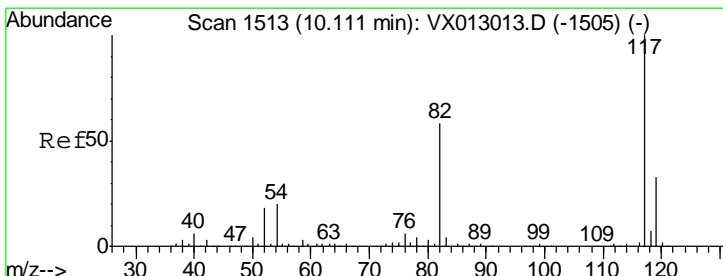
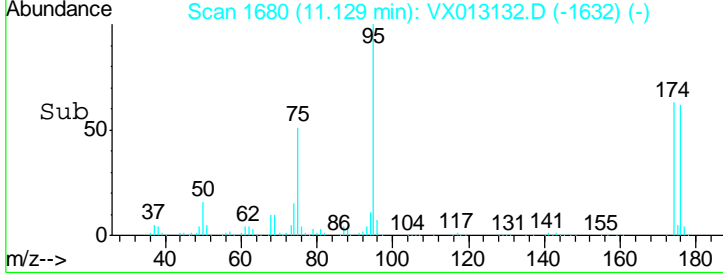
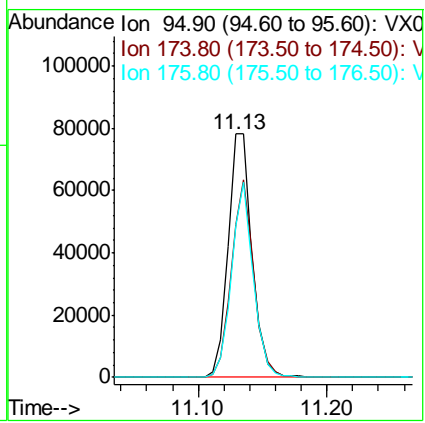
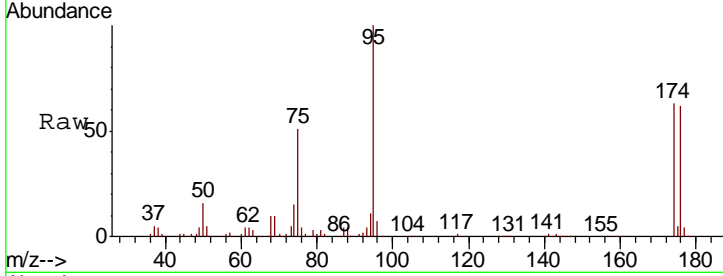




#62
 4-Bromofluorobenzene
 Concen: 44.384 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

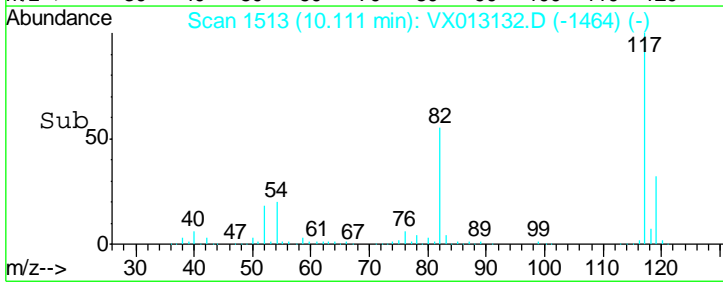
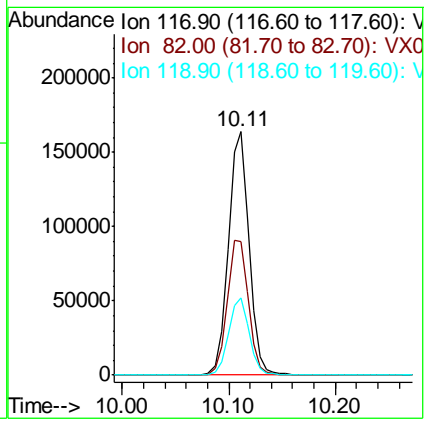
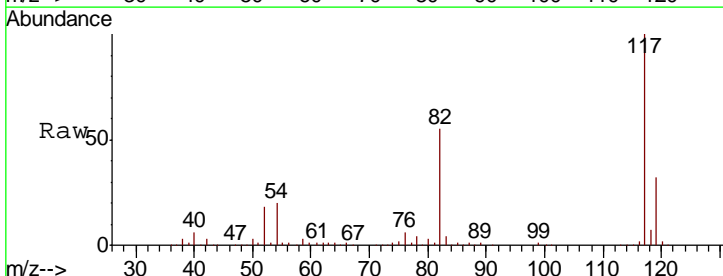
Instrument : MSVOA_X
 ClientSampled : FA19-GMZ3-TB2

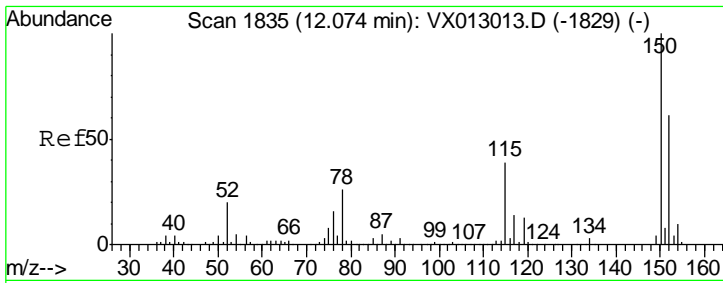
Tgt Ion	Resp	Lower	Upper
95	102096		
174	75.5	0.0	143.4
176	72.7	0.0	136.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion	Resp	Lower	Upper
117	222935		
82	54.8	44.1	66.1
119	31.8	25.8	38.8

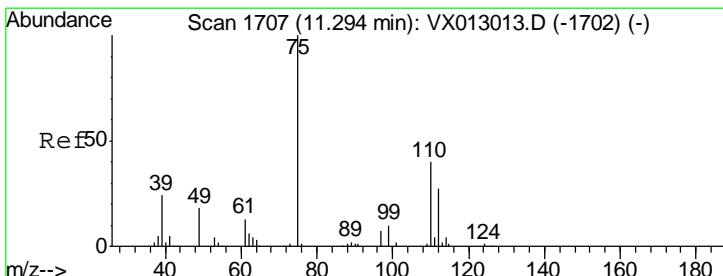
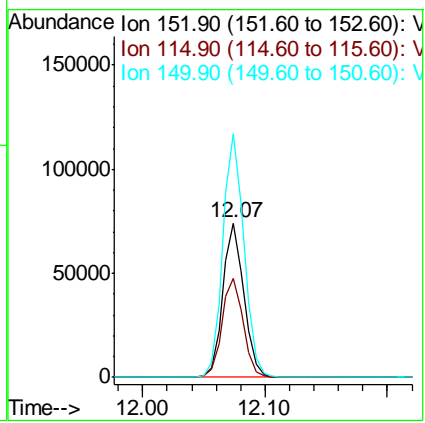
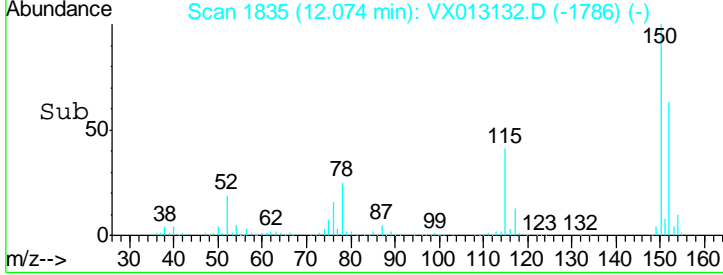
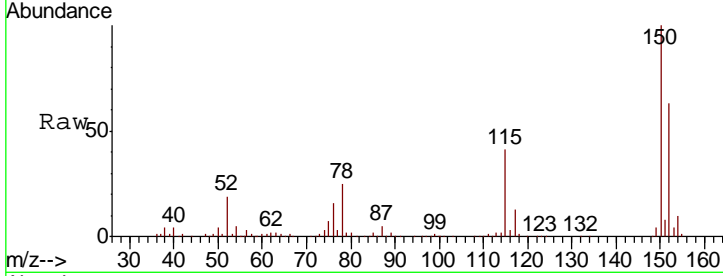




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

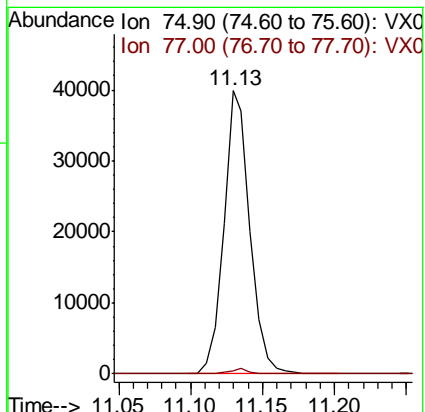
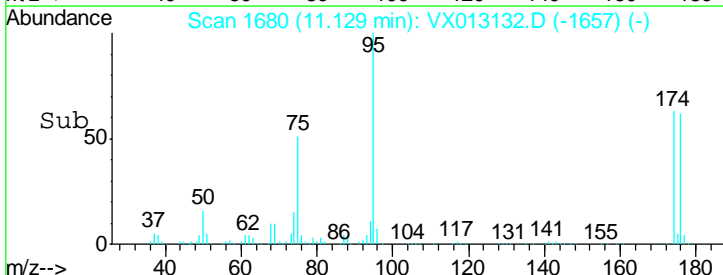
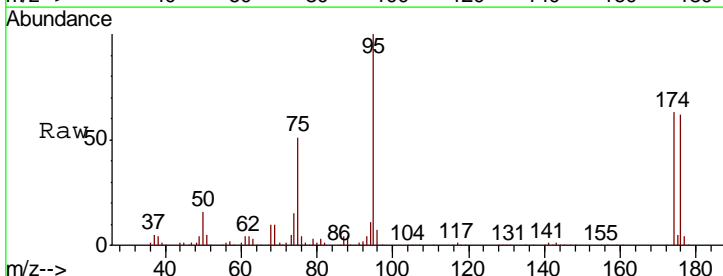
Instrument : MSVOA_X
 ClientSampled : FA19-GMZ3-TB2

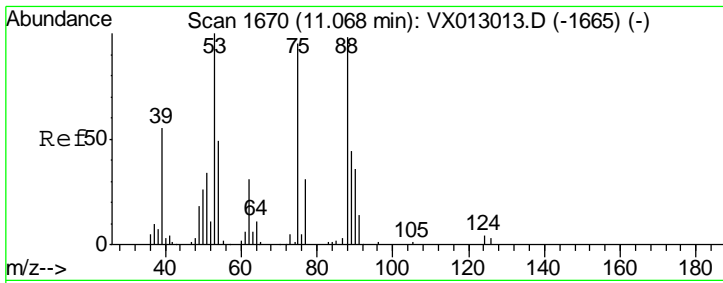
Tgt Ion	Resp	Lower	Upper
152	100		
115	64.7	44.5	133.5
150	159.7	0.0	353.4



#76
 1,2,3-Trichloropropane
 Concen: 25.904 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	22.9	68.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.255 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013132.D
 Acq: 18 Oct 2019 17:08

Instrument :
 MSVOA_X
 ClientSampled :
 FA19-GMZ3-TB2

Tot Ion	Resp	Lower	Upper
75	50413		
75	100		
53	0.0	78.5	117.7#
89	0.1	37.4	56.2#

