

Data File : VX012174.D
 Acq On : 07 Sep 2019 14:15
 Operator : SY/SP
 Sample : K4602-02
 Misc : 5.06g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G3-(0)

Quant Time: Sep 08 07:41:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	156244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	82581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108403	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	= 100.56%		
35) Dibromofluoromethane	5.48	113	82069	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	= 97.78%		
50) Toluene-d8	8.71	98	318083	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	= 103.28%		
62) 4-Bromofluorobenzene	11.14	95	114299	39.90	ug/l	0.00
Spiked Amount	50.000		Recovery	= 79.80%		

Target Compounds

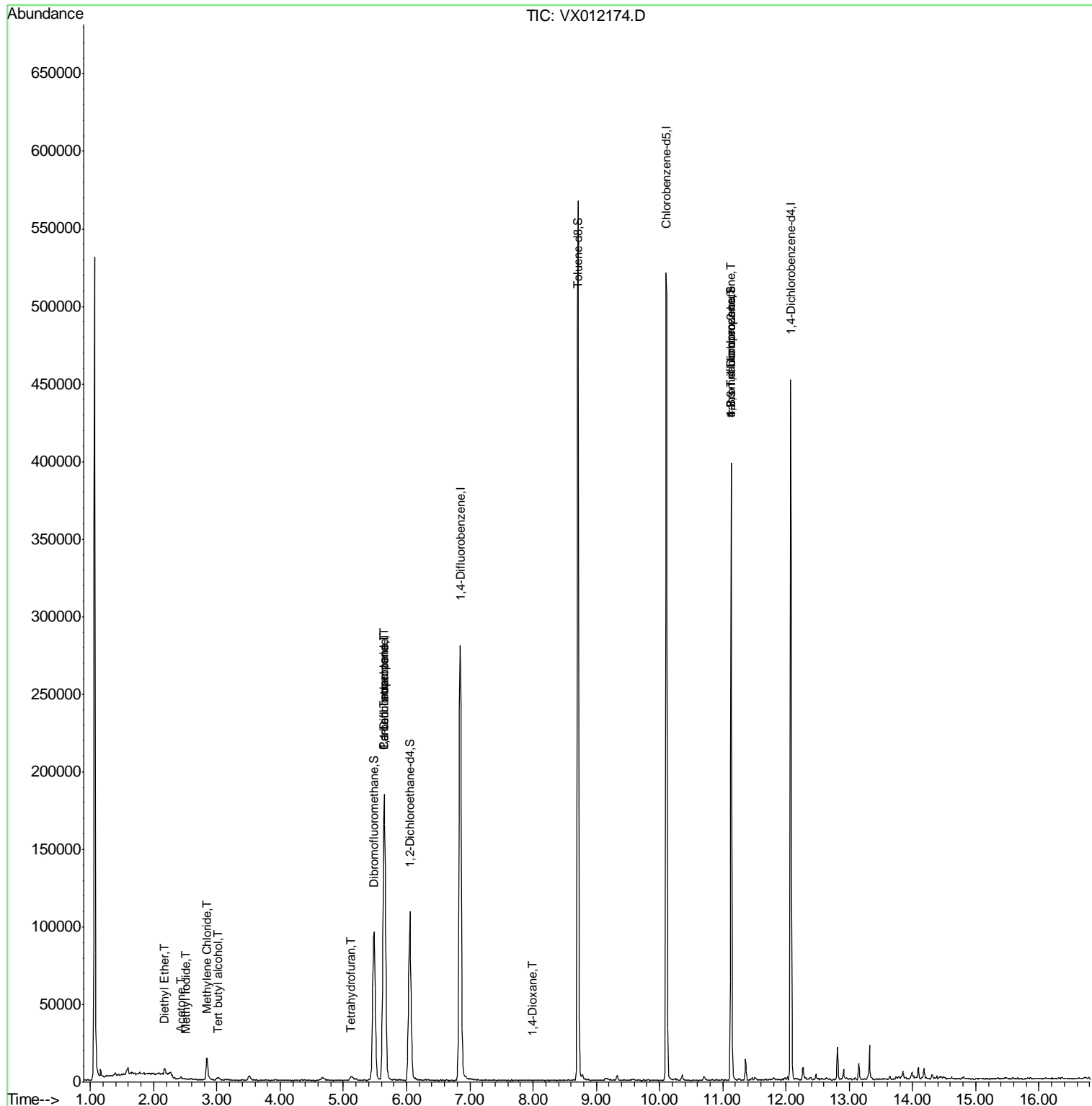
					Qvalue
8) Diethyl Ether	2.17	74	1090	1.463	ug/l 82
10) Methyl Iodide	2.51	142	400	7.201	ug/l # 61
11) Tert butyl alcohol	3.02	59	1799	8.688	ug/l 95
13) Acrolein	2.33	56	118	Below Cal	# 12
16) Acetone	2.43	43	1589	3.084	ug/l 92
20) Methylene Chloride	2.84	84	6703	3.239	ug/l # 95
29) Tetrahydrofuran	5.12	42	2807	7.103	ug/l # 85
36) 1,1-Dichloropropene	5.64	75	14372	5.978	ug/l # 49
38) Carbon Tetrachloride	5.65	117	18589	7.338	ug/l # 14
49) 1,4-Dioxane	8.00	88	19	1.043	ug/l # 23
76) 1,2,3-Trichloropropane	11.14	75	59595	59.063	ug/l # 32
81) trans-1,4-Dichloro-2-buten	11.14	75	59595	139.633	ug/l # 10

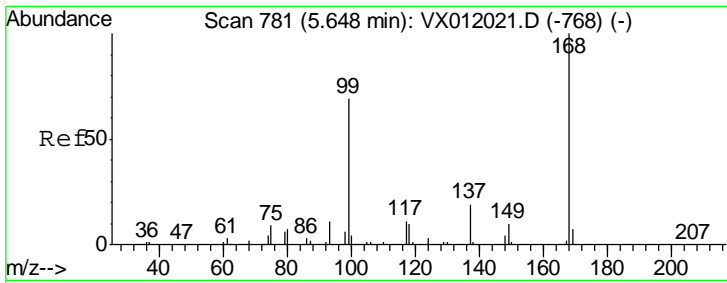
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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T12-G3-(0)

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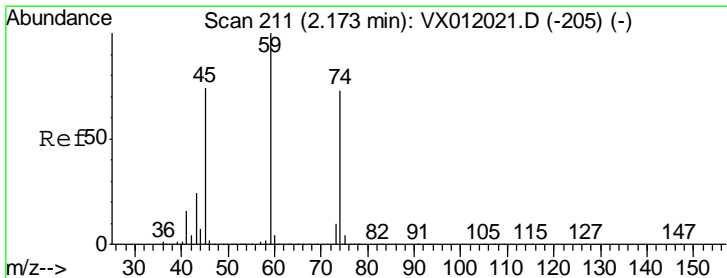
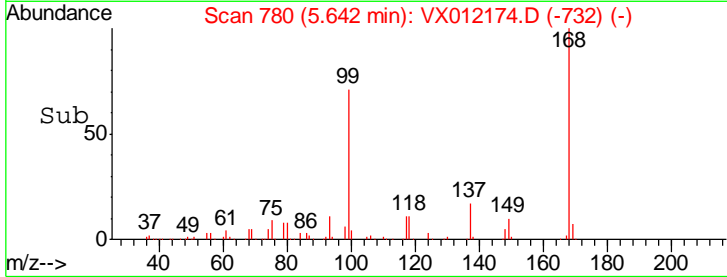
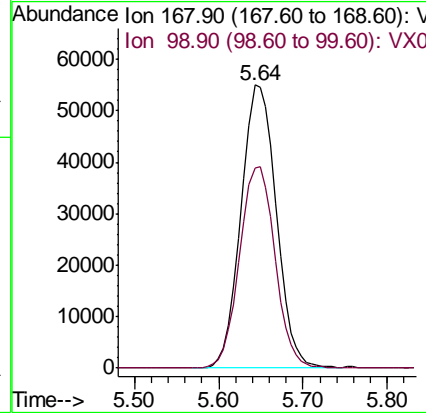
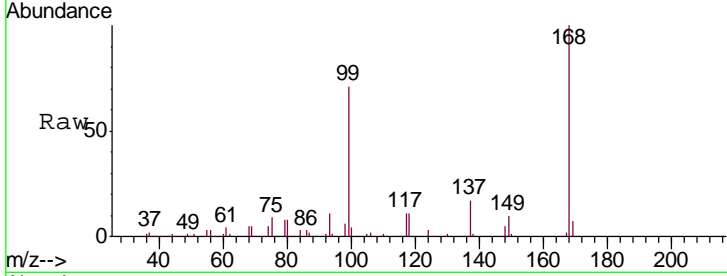




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

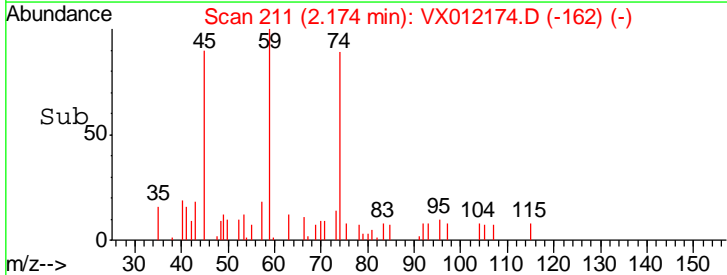
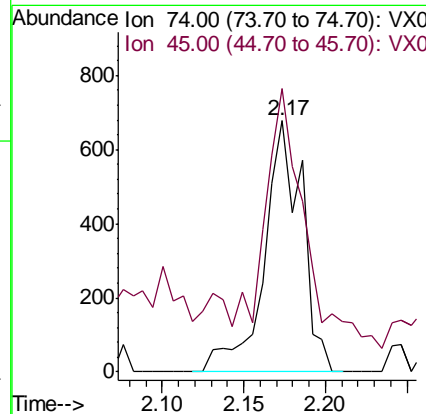
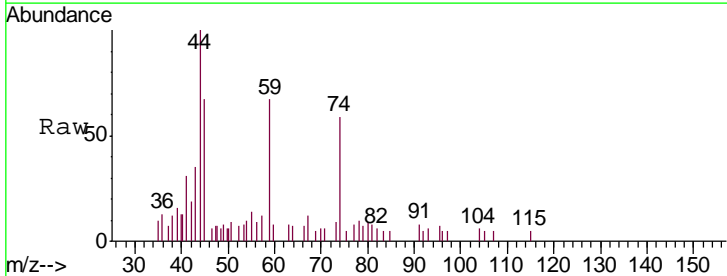
Instrument :
 MSVOA_X
 ClientSampled :
 T12-G3-(0)

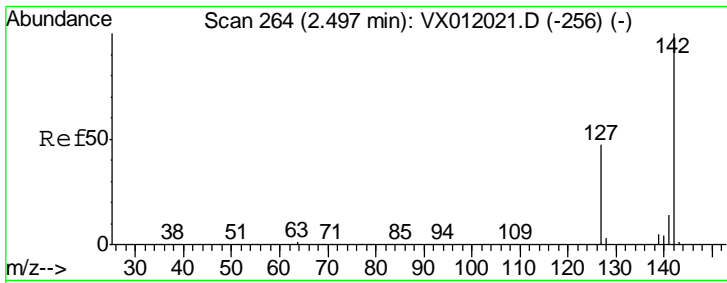
Tgt Ion: 168 Resp: 156244
 Ion Ratio Lower Upper
 168 100
 99 70.6 37.6 56.4#



#8
 Diethyl Ether
 Concen: 1.463 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Tgt Ion: 74 Resp: 1090
 Ion Ratio Lower Upper
 74 100
 45 109.3 45.9 137.6

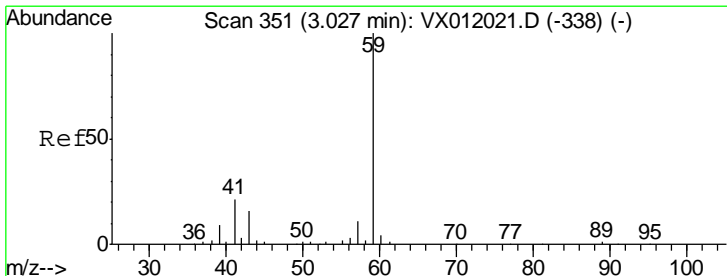
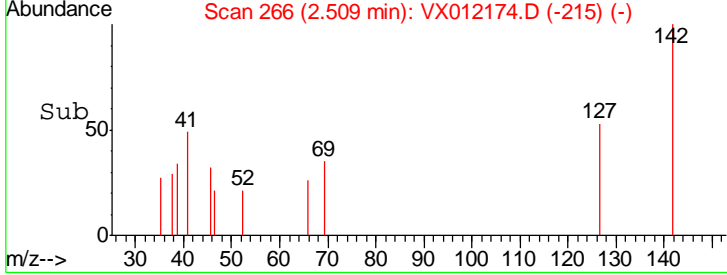
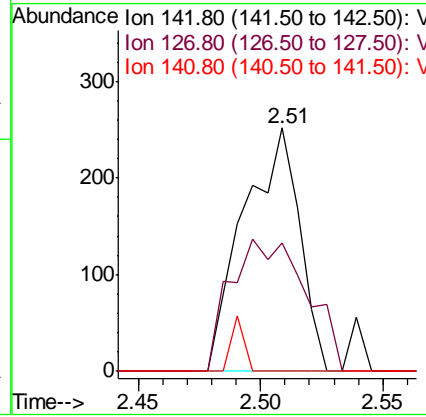
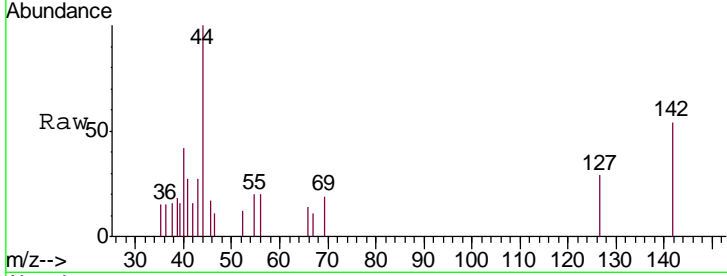




#10
 Methyl Iodide
 Concen: 7.201 ug/l
 RT: 2.51 min Scan# 266
 Delta R.T. 0.01 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

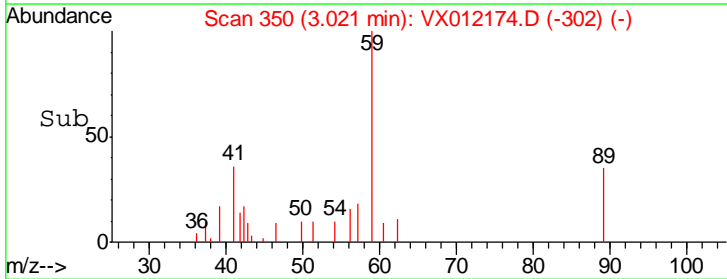
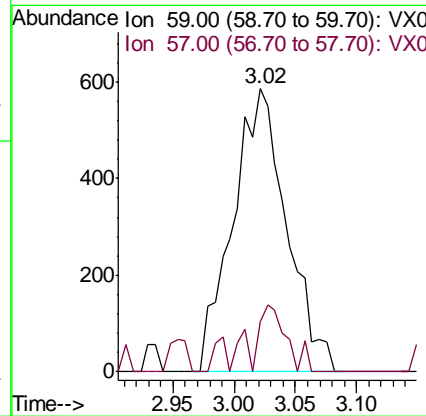
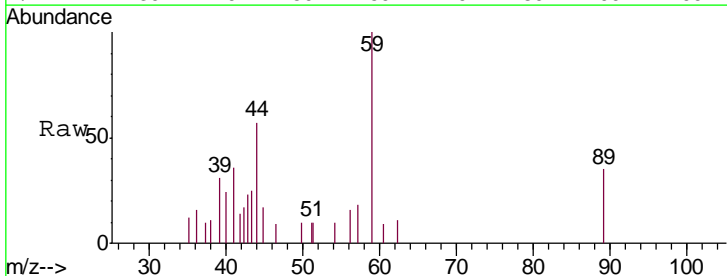
Instrument : MSVOA_X
 ClientSampled : T12-G3-(0)

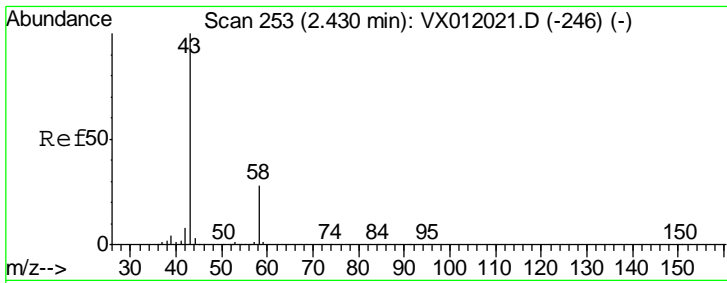
Tgt Ion	Resp	Lower	Upper
142	100		
127	73.5	35.4	53.2#
141	5.3	11.4	17.2#



#11
 Tert butyl alcohol
 Concen: 8.688 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX012174.D
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Tgt Ion	Resp	Lower	Upper
59	100		
57	11.8	7.9	11.9

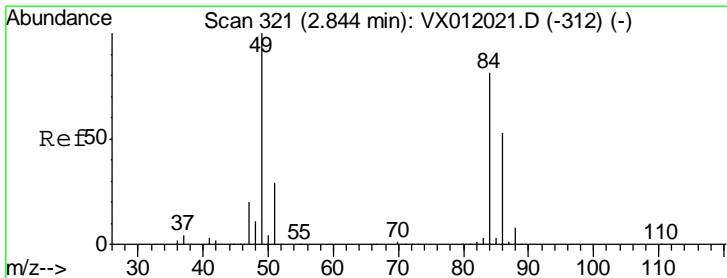
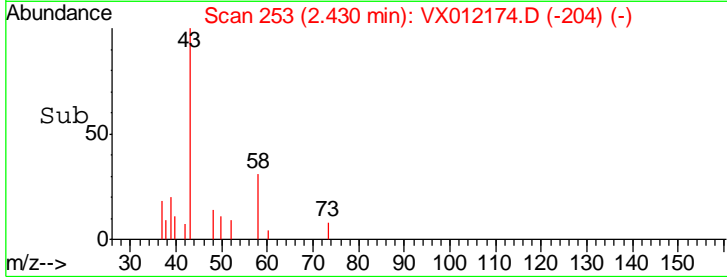
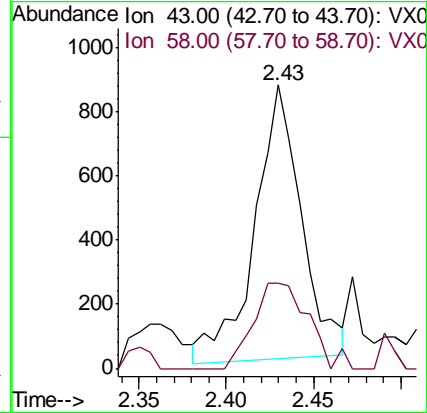
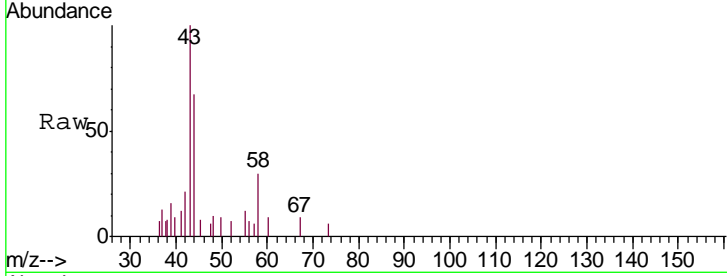




#16
 Acetone
 Concen: 3.084 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

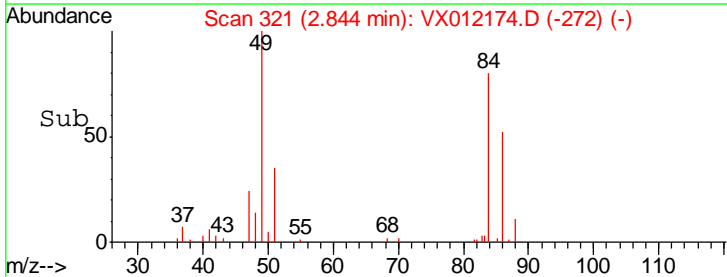
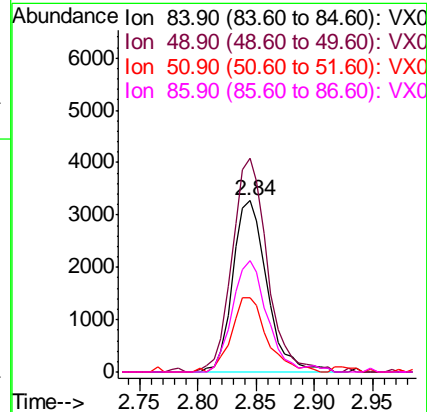
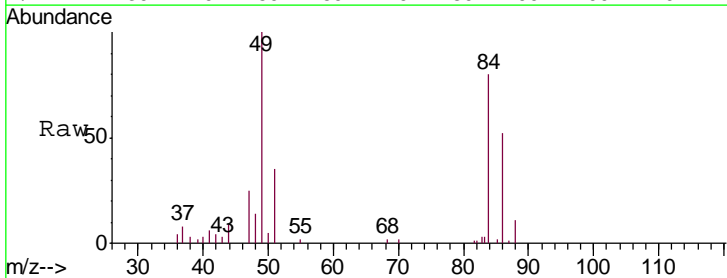
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G3-(0)

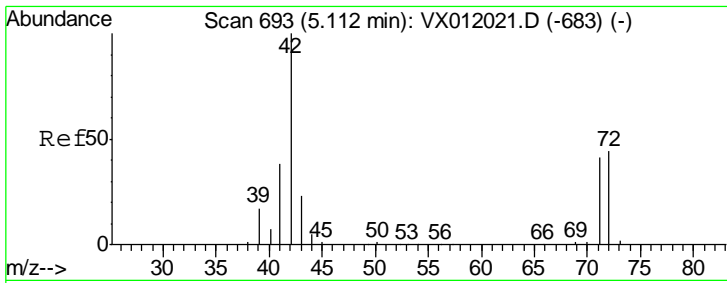
Tgt Ion: 43 Resp: 1589
 Ion Ratio Lower Upper
 43 100
 58 32.6 22.8 34.2



#20
 Methylene Chloride
 Concen: 3.239 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Tgt Ion: 84 Resp: 6703
 Ion Ratio Lower Upper
 84 100
 49 124.8 95.8 143.8
 51 43.4 28.6 43.0#
 86 65.1 50.9 76.3

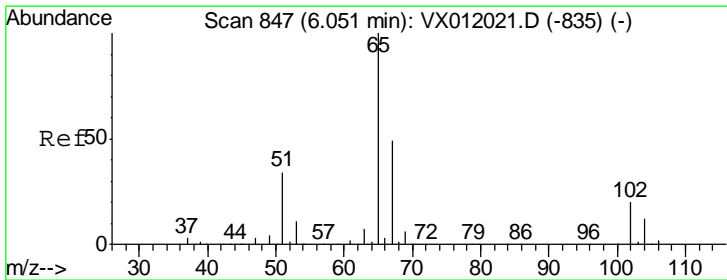
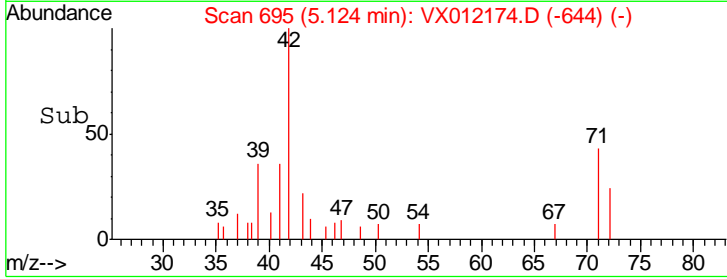
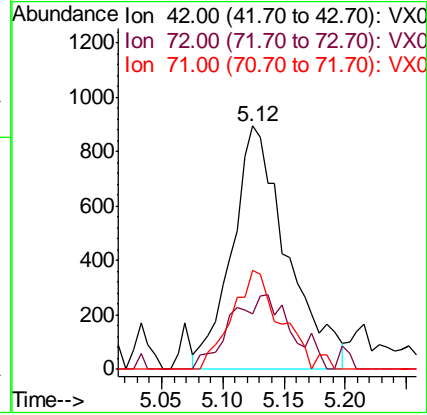
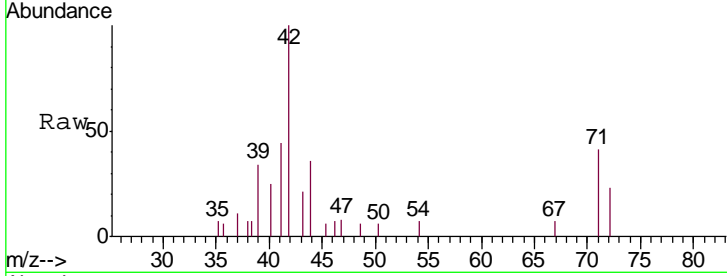




#29
 Tetrahydrofuran
 Concen: 7.103 ug/l
 RT: 5.12 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

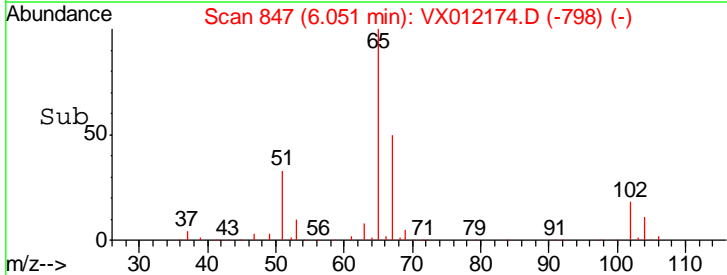
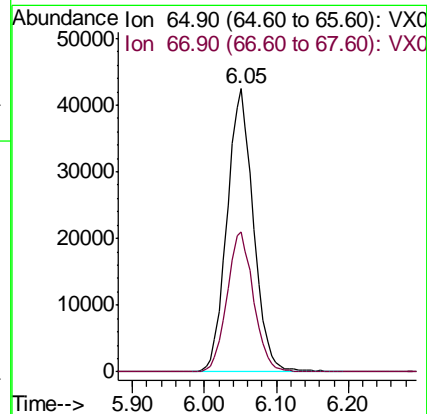
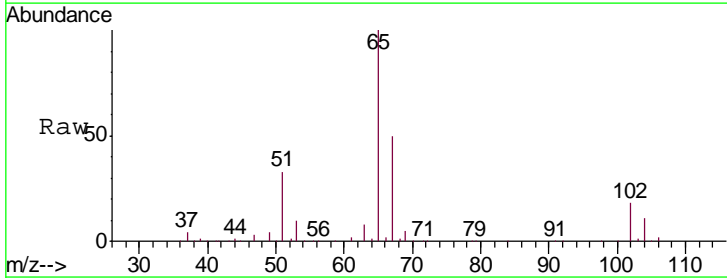
Instrument :
 MSVOA_X
 ClientSampled :
 T12-G3-(0)

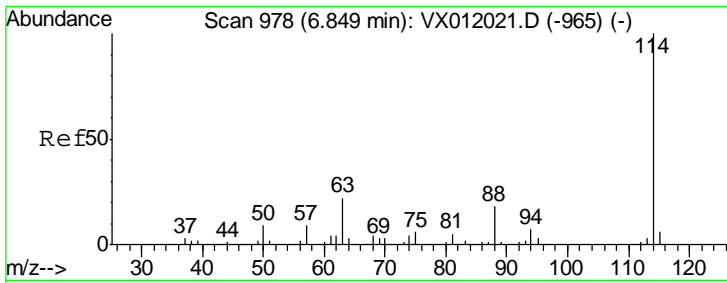
Tgt Ion	Resp	Lower	Upper
42	100		
72	34.2	37.0	55.4#
71	34.9	33.8	50.8



#33
 1,2-Dichloroethane-d4
 Concen: 50.283 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Tgt Ion	Resp	Lower	Upper
65	100		
67	49.7	0.0	102.0

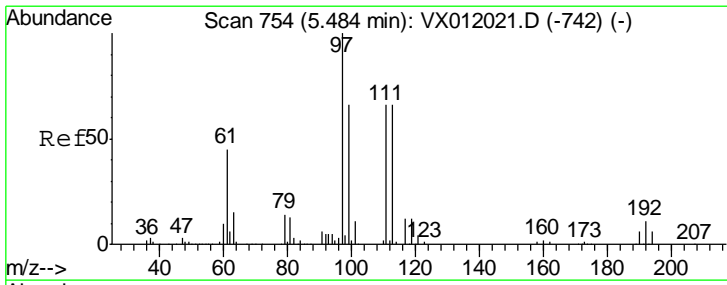
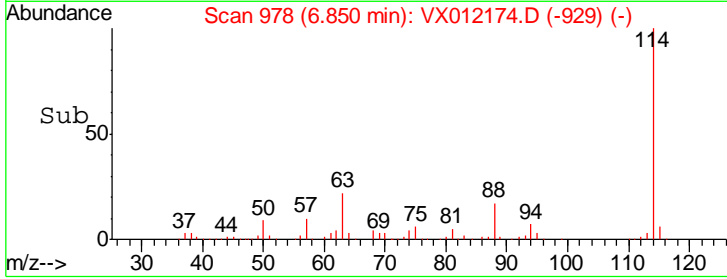
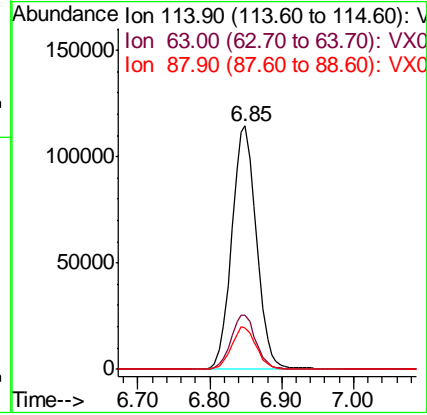
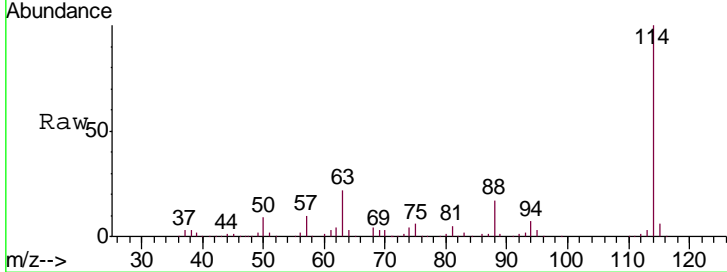




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

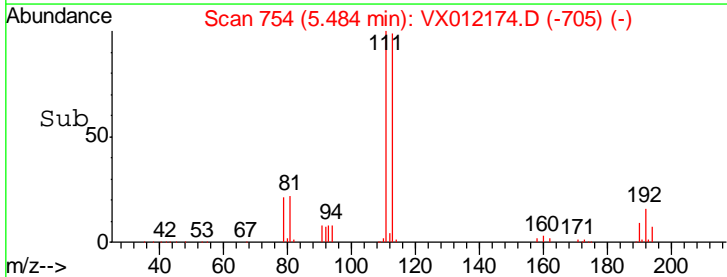
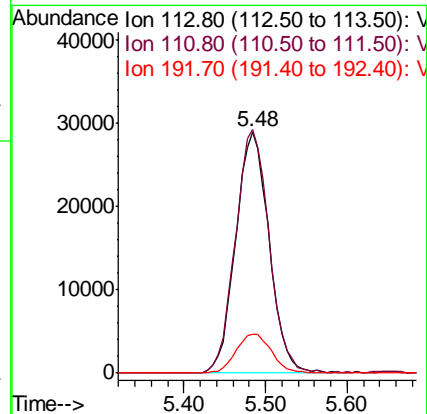
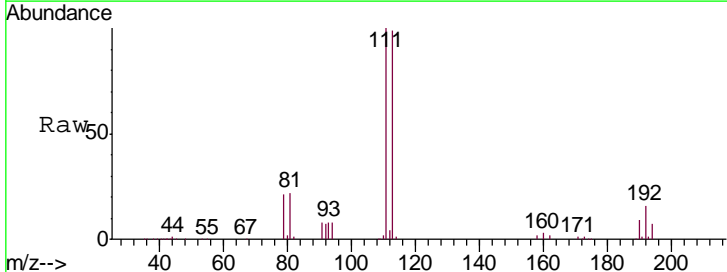
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G3-(0)

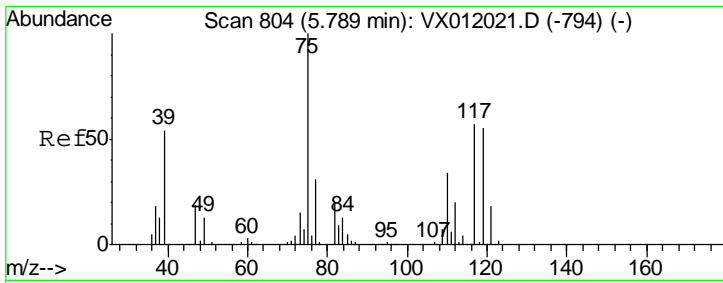
Tgt Ion	Resp	Lower	Upper
114	100		
63	22.2	0.0	37.4
88	17.0	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 48.893 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Tgt Ion	Resp	Lower	Upper
113	100		
111	101.5	81.7	122.5
192	17.1	22.5	33.7#

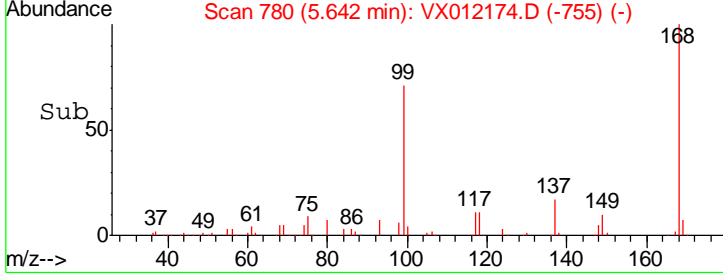
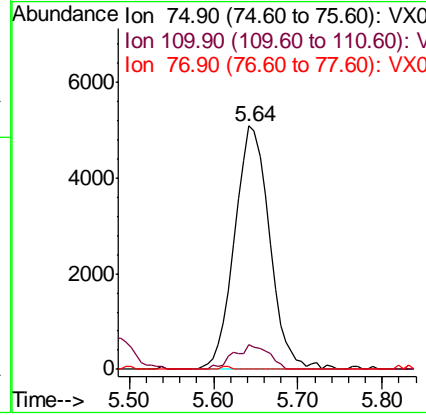
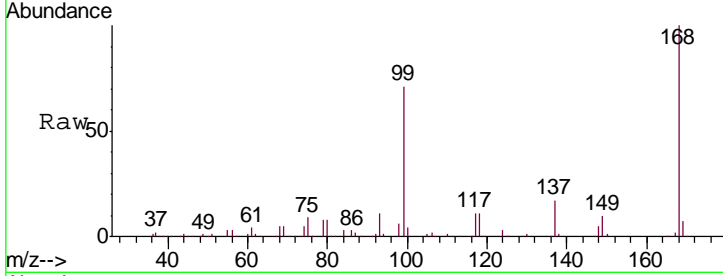




#36
 1,1-Dichloropropene
 Concen: 5.978 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

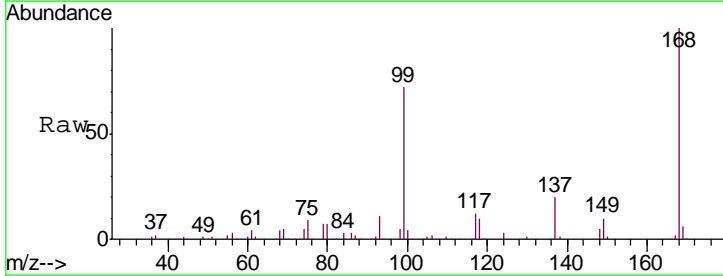
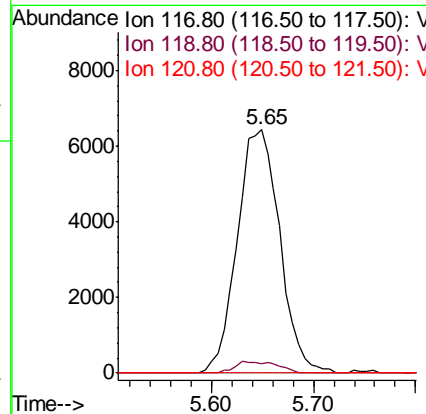
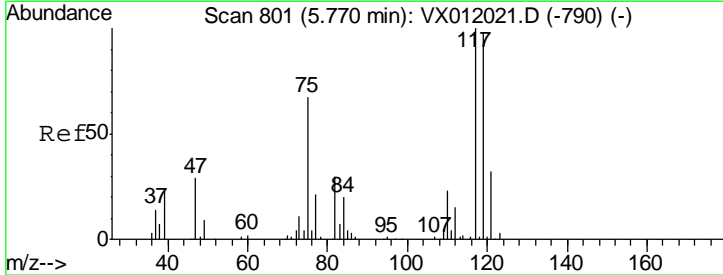
Instrument : MSVOA_X
 ClientSampled : T12-G3-(0)

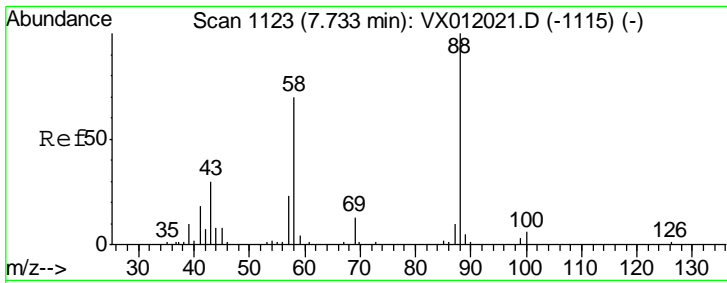
Tgt Ion	Resp	Lower	Upper
75	14372		
110	10.0	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 7.338 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Tgt Ion	Resp	Lower	Upper
117	18589		
119	3.7	78.3	117.5#
121	0.0	24.2	36.2#

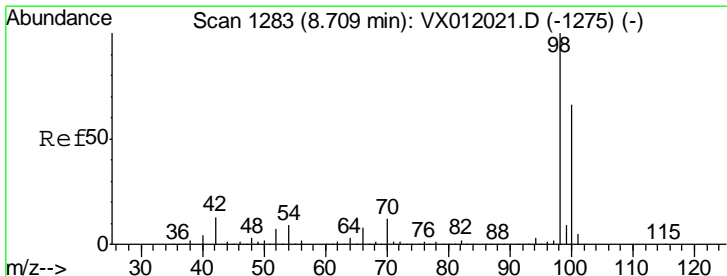
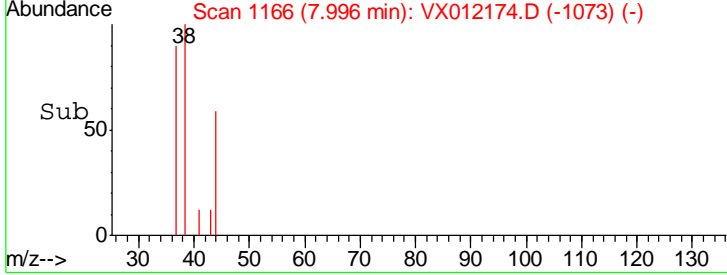
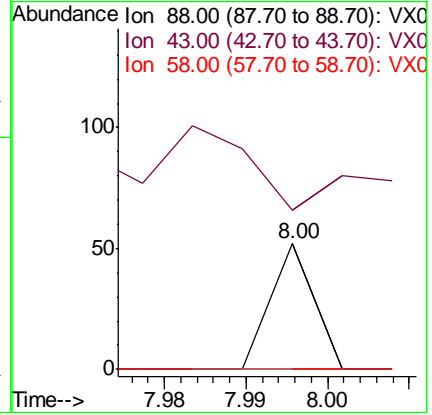
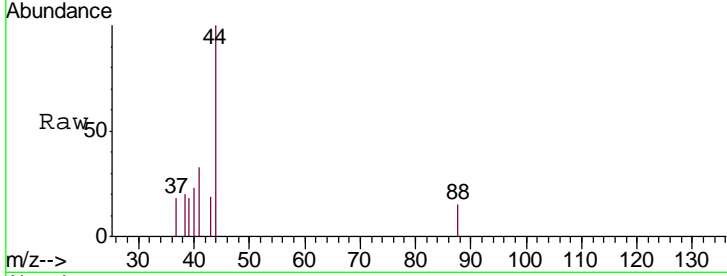




#49
 1,4-Dioxane
 Concen: 1.043 ug/l
 RT: 8.00 min Scan# 1166
 Delta R.T. 0.27 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

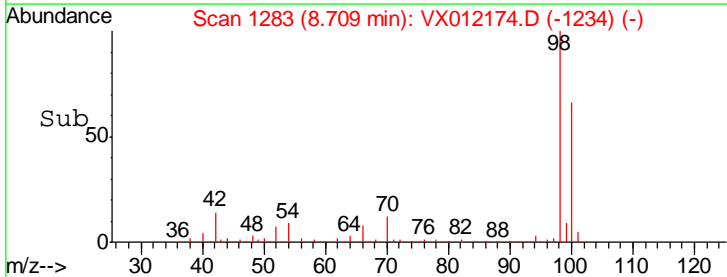
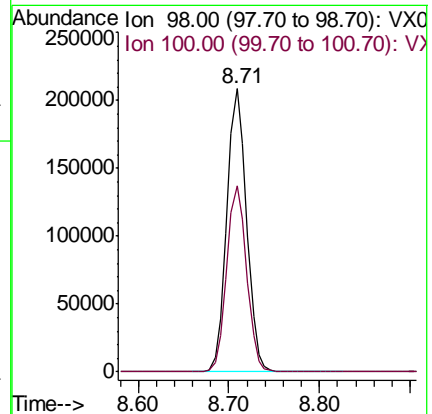
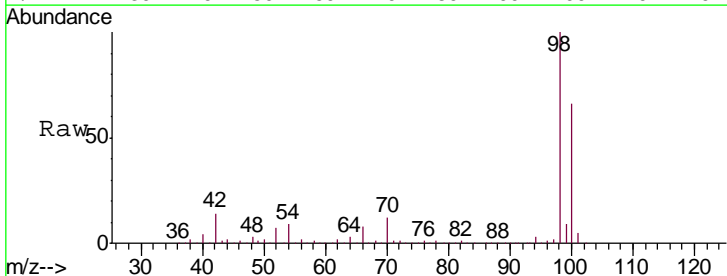
Instrument :
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 T12-G3-(0)

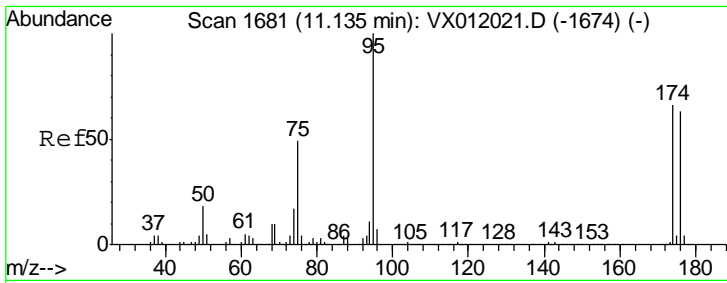
Tgt Ion	Resp	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	0.0	55.4	83.2#



#50
 Toluene-d8
 Concen: 51.642 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Tgt Ion	Resp	Lower	Upper
98	100		
100	66.3	53.3	79.9

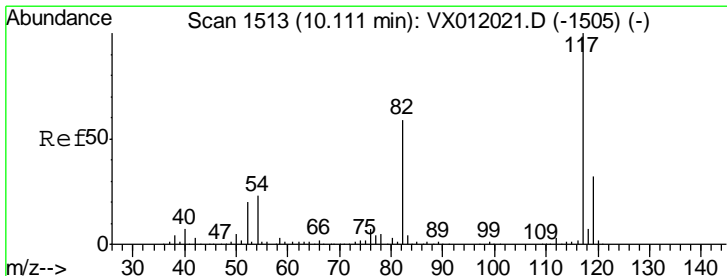
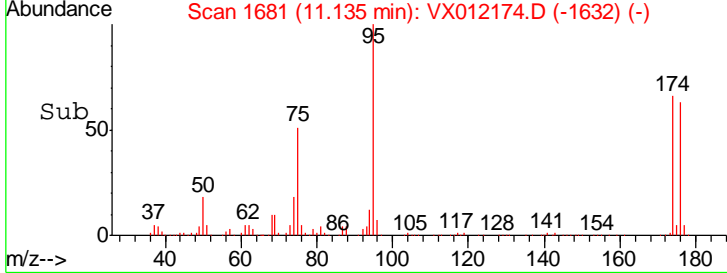
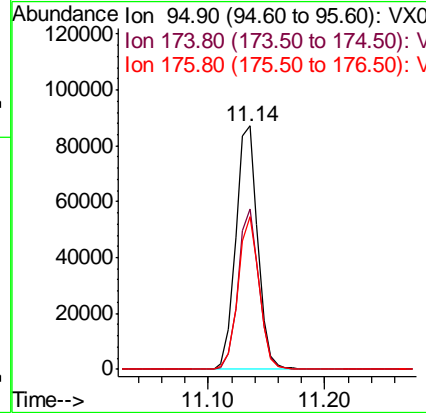
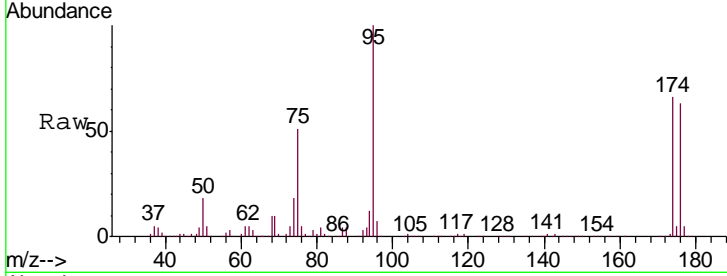




#62
 4-Bromofluorobenzene
 Concen: 39.902 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

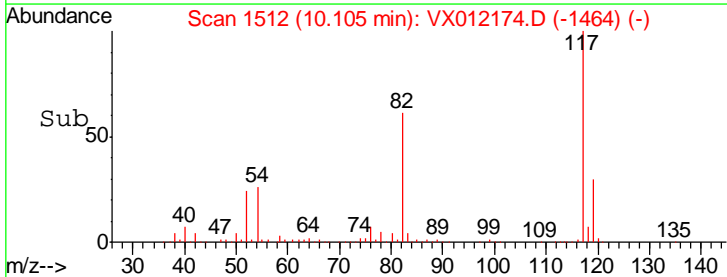
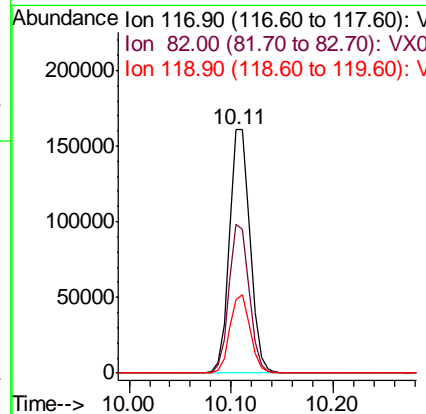
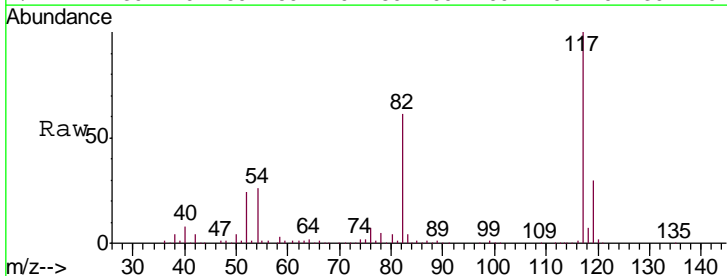
Instrument : MSVOA_X
 ClientSampled : T12-G3-(0)

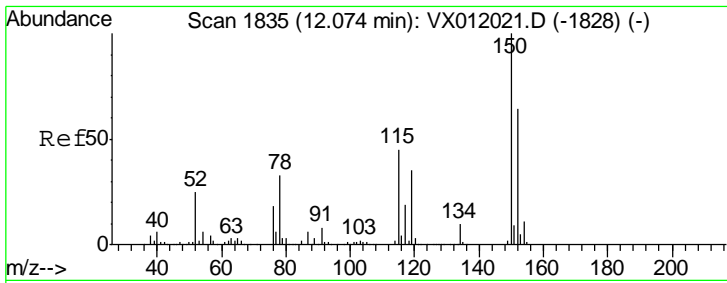
Tgt Ion	Resp	Lower	Upper
95	114299		
174	62.7	0.0	205.4
176	60.5	0.0	201.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Tgt Ion	Resp	Lower	Upper
117	224686		
82	61.3	39.4	59.0#
119	30.3	26.1	39.1

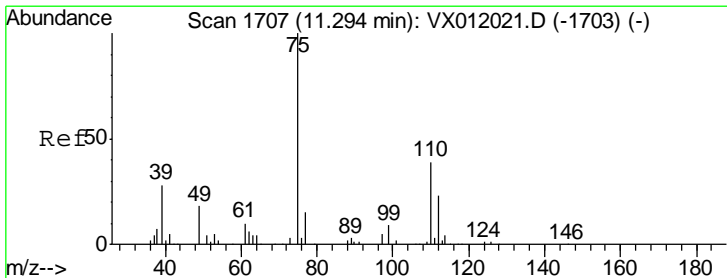
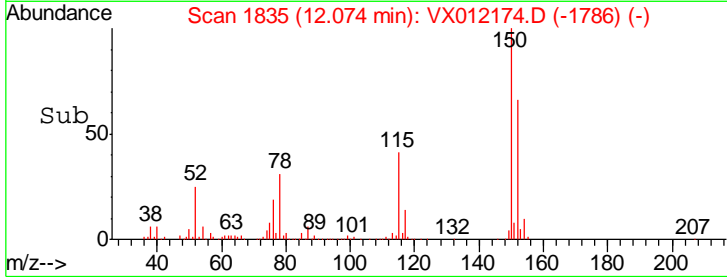
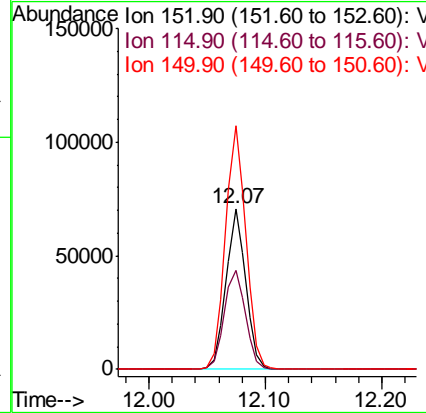
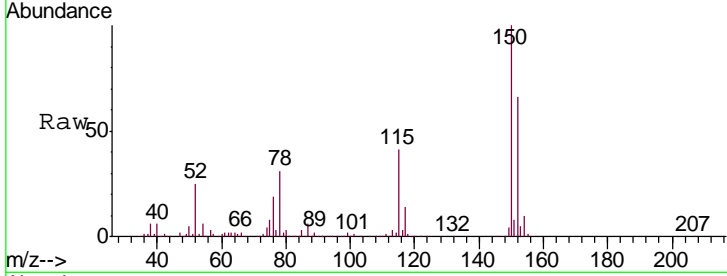




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

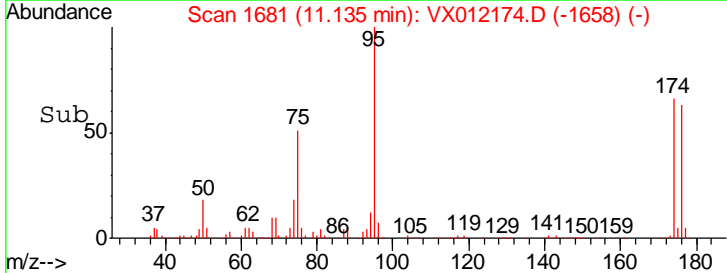
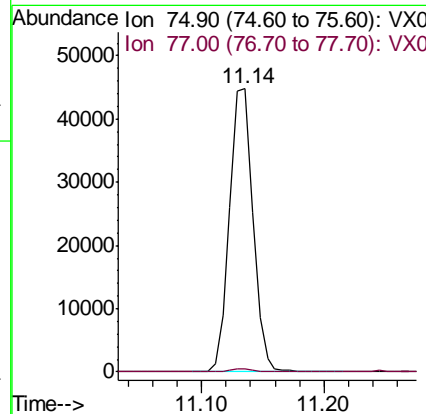
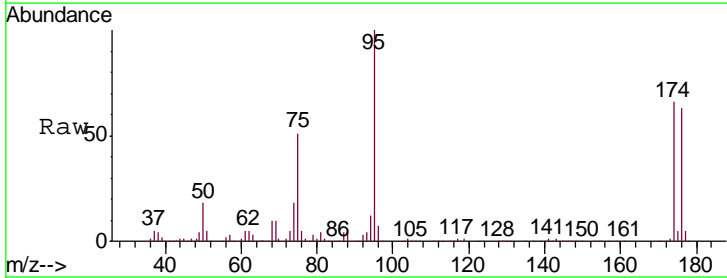
Instrument :
 MSVOA_X
 ClientSampled :
 T12-G3-(0)

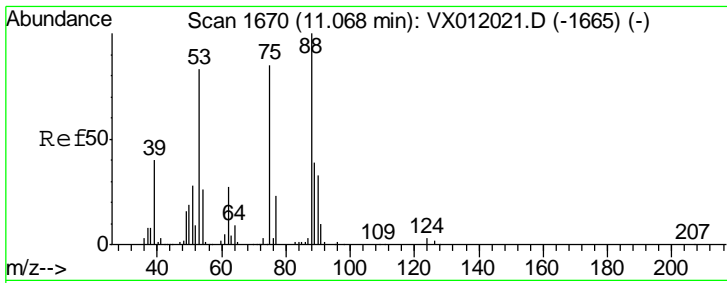
Tgt Ion	Resp	Lower	Upper
152	100		
115	66.2	36.4	109.3
150	156.9	0.0	341.2



#76
 1,2,3-Trichloropropane
 Concen: 59.063 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	23.5	70.5#

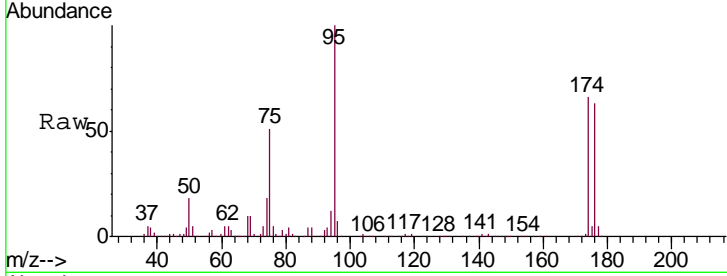




#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.633 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012174.D
 Acq: 07 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampled :
 T12-G3-(0)

Tgt Ion	Resp	Lower	Upper
75	59595		
75	100		
53	0.0	78.6	117.8#
89	0.0	38.8	58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 53.00 (52.70 to 53.70): VX0
 Ion 88.90 (88.60 to 89.60): VX0

