

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015404.D
 Acq On : 28 Mar 2020 01:16
 Operator : JC/SP
 Sample : PB127861TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 PB127861TB

Quant Time: Mar 30 01:51:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1126866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1819027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1730202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	935768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	755616	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.47	113	586550	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	8.70	98	2228263	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	947729	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

Target Compounds

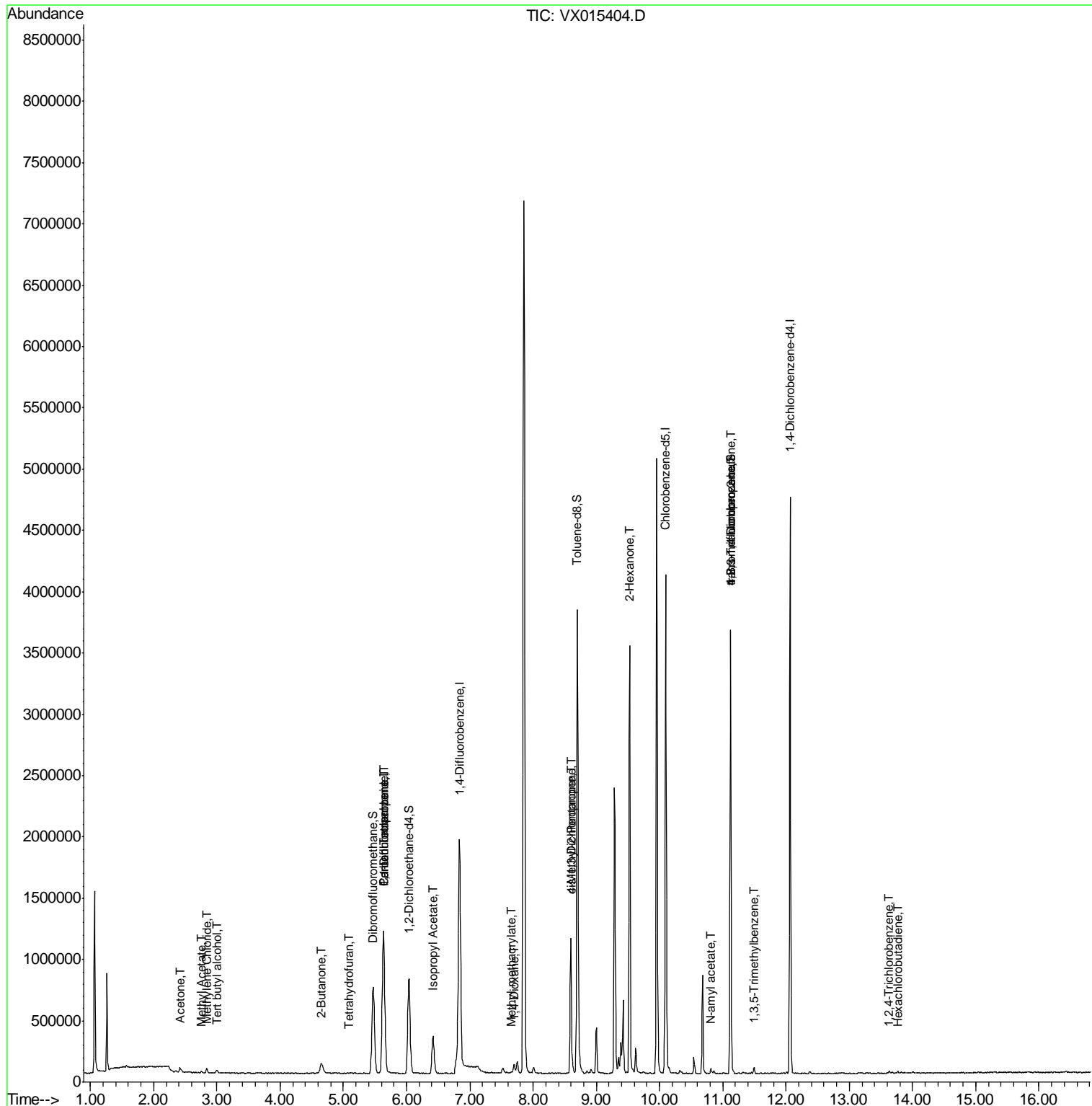
					Qvalue	
5) Bromomethane	1.64	94	652	Below Cal		81
11) Tert butyl alcohol	3.00	59	16683	4.385	ug/l #	86
16) Acetone	2.42	43	44948	6.583	ug/l	92
18) Methyl Acetate	2.75	43	15117	0.867	ug/l	99
20) Methylene Chloride	2.84	84	17077	1.339	ug/l	97
25) 2-Butanone	4.65	43	13417	1.222	ug/l #	88
29) Tetrahydrofuran	5.09	42	1919	0.272	ug/l #	37
36) 1,1-Dichloropropene	5.64	75	88634	5.288	ug/l #	53
38) Carbon Tetrachloride	5.63	117	109201	6.016	ug/l #	14
43) Isopropyl Acetate	6.42	43	446093	12.109	ug/l	99
48) Methyl methacrylate	7.65	41	24344	1.323	ug/l #	19
49) 1,4-Dioxane	7.70	88	866	2.523	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	428895	20.543	ug/l #	52
54) cis-1,3-Dichloropropene	8.60	75	171245	7.635	ug/l #	52
59) 2-Hexanone	9.53	43	450036	28.551	ug/l #	51
74) N-amyl acetate	10.81	43	19941	0.585	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	495090	25.728	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	21082	0.403	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.12	75	495090	61.733	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.63	180	4841	0.214	ug/l	92
94) Hexachlorobutadiene	13.77	225	2167	0.201	ug/l	87

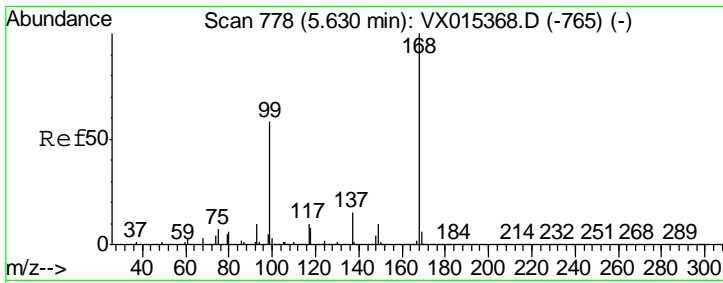
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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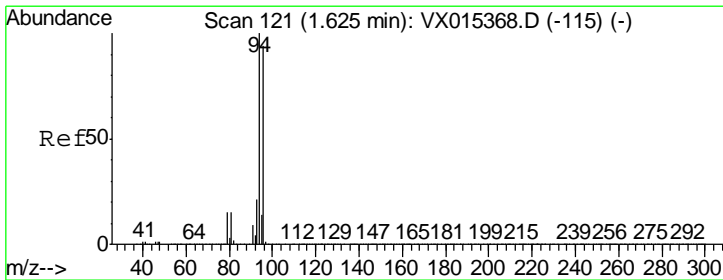
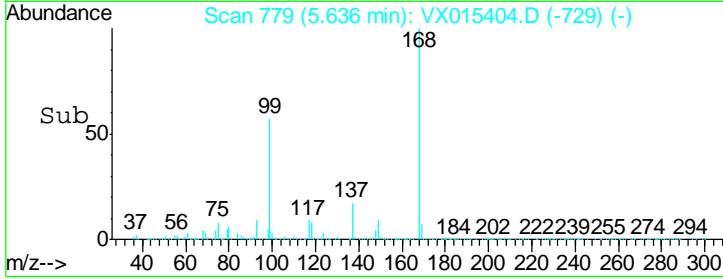
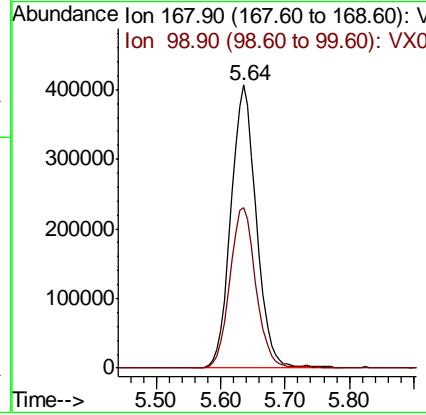
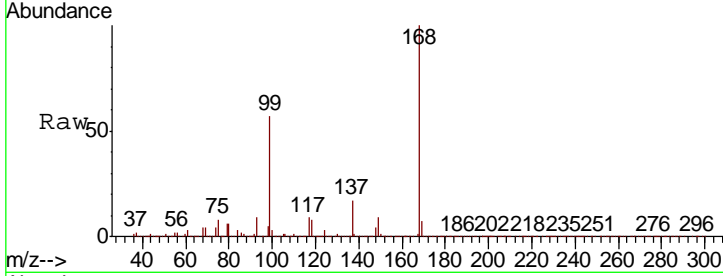




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

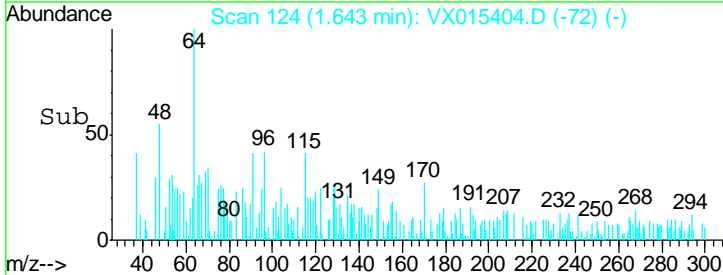
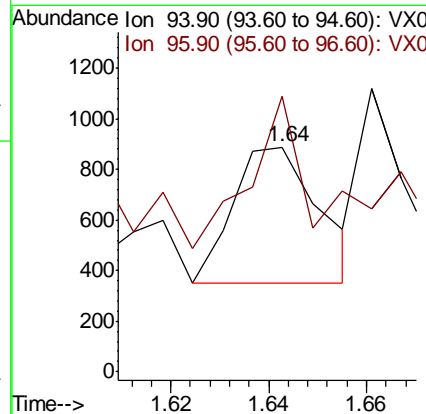
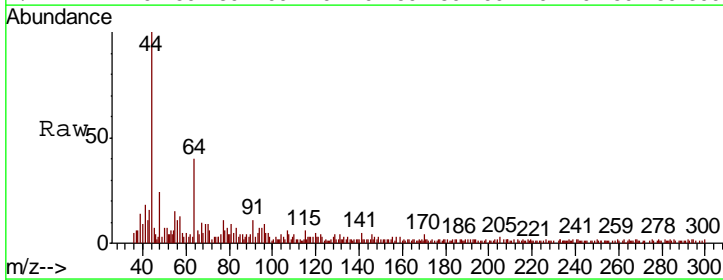
Instrument :
 MSVOA_X
 ClientSampleID :
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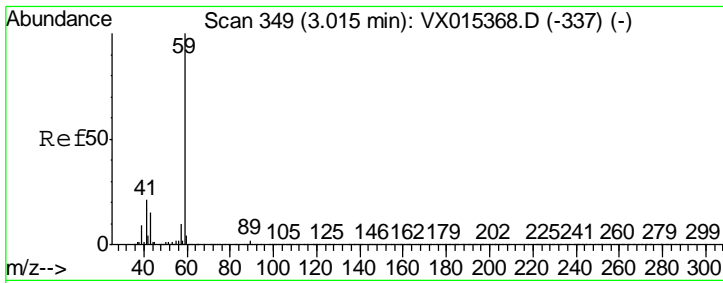
Tgt Ion	Resp	Lower	Upper
168	1126866		
99	56.8	46.4	69.6



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.64 min Scan# 124
 Delta R.T. 0.02 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
94	652		
96	111.7	74.8	112.2

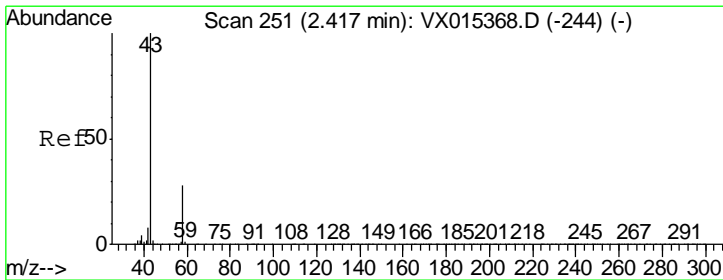
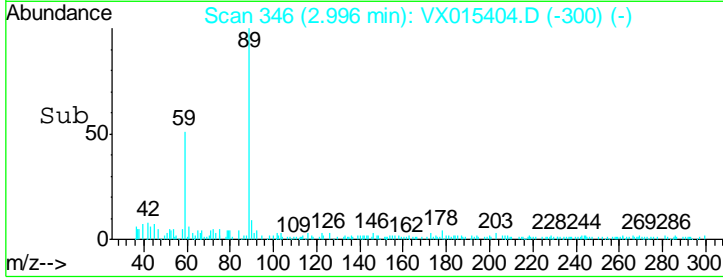
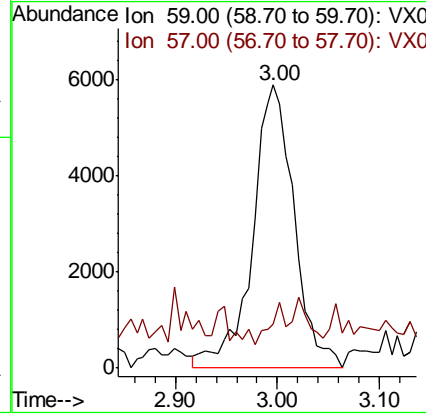
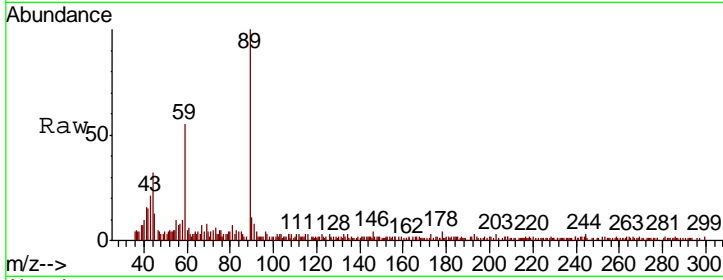




#11
 Tert butyl alcohol
 Concen: 4.385 ug/l
 RT: 3.00 min Scan# 346
 Delta R.T. -0.02 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

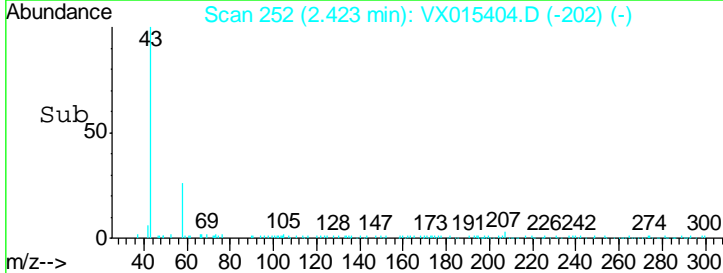
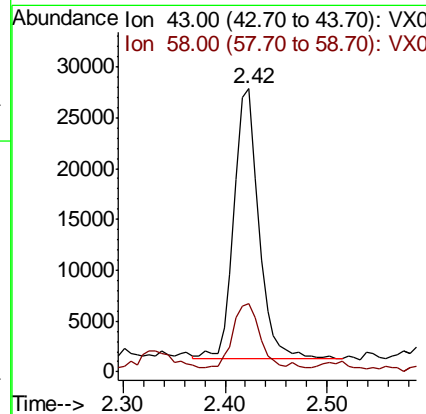
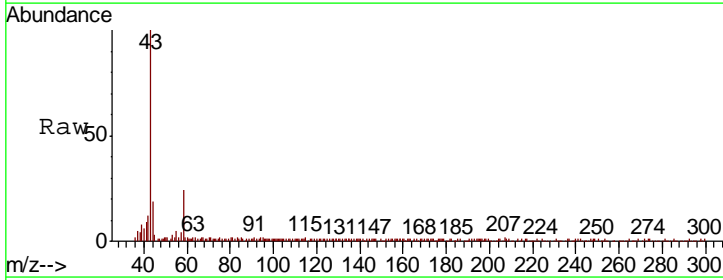
Instrument :
 MSVOA_X
 ClientSampled :
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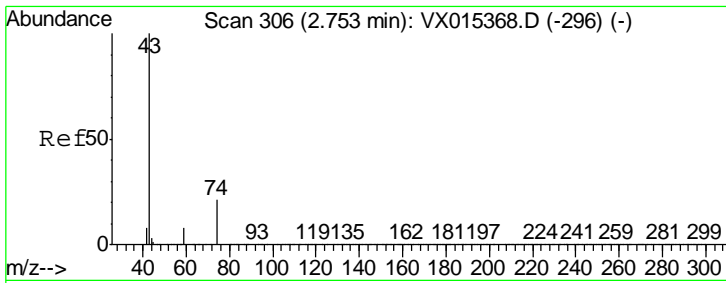
Tgt Ion	Resp	Lower	Upper
59	100		
57	5.0	8.1	12.1#



#16
 Acetone
 Concen: 6.583 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
43	100		
58	23.2	22.1	33.1

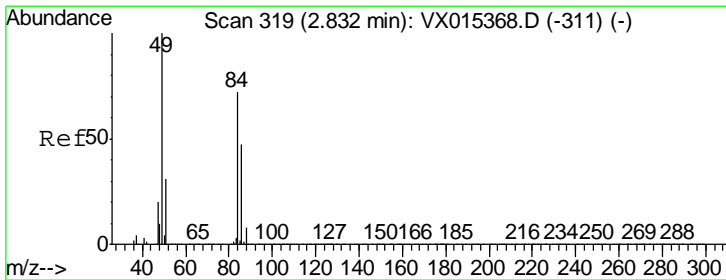
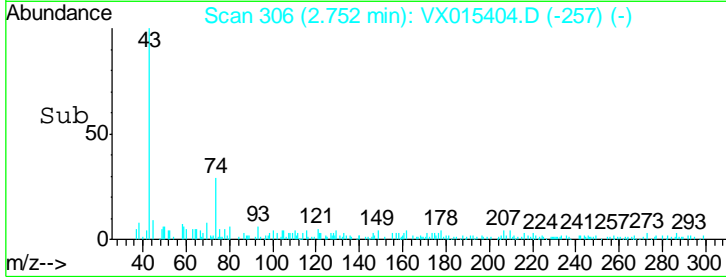
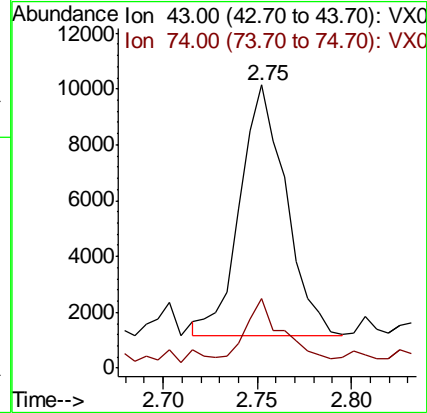
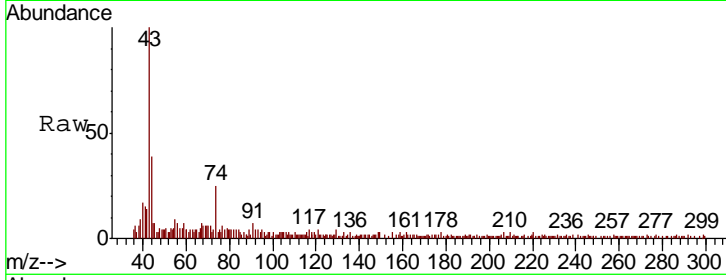




#18
Methyl Acetate
Concen: 0.867 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015404.D
Acq: 28 Mar 2020 01:16

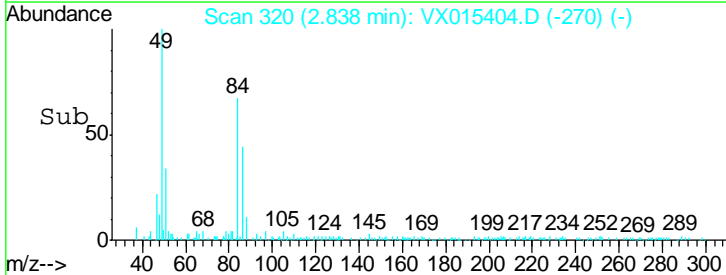
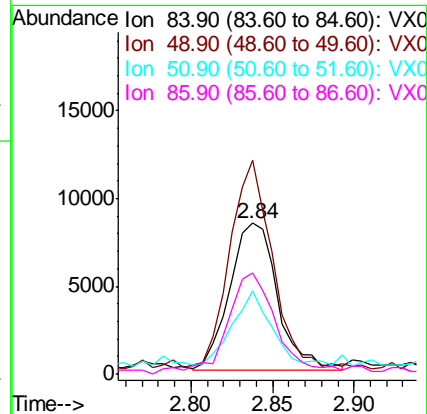
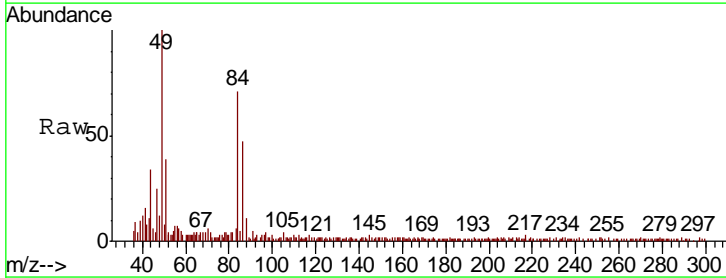
Instrument :
MSVOA_X
ClientSampled :
PB127861TB

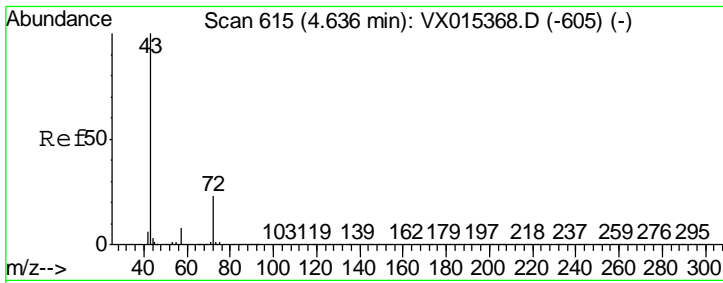
Tgt Ion: 43 Resp: 15117
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7



#20
Methylene Chloride
Concen: 1.339 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015404.D
Acq: 28 Mar 2020 01:16

Tgt Ion: 84 Resp: 17077
Ion Ratio Lower Upper
84 100
49 140.6 111.3 166.9
51 51.0 34.0 51.0
86 66.8 52.5 78.7

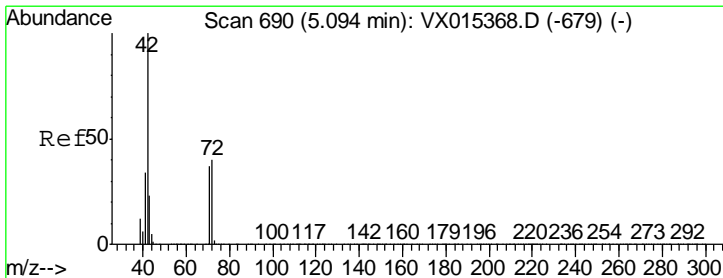
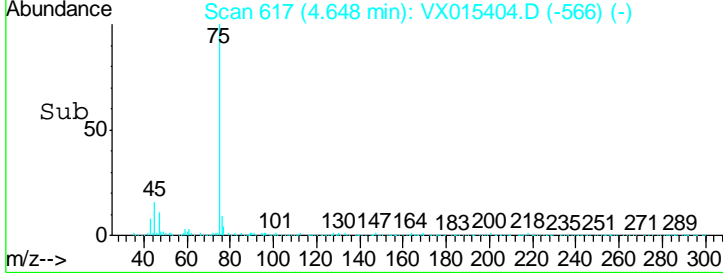
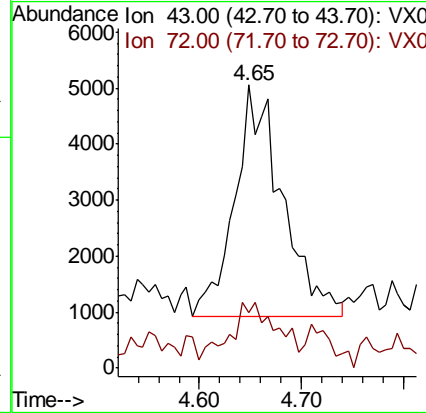
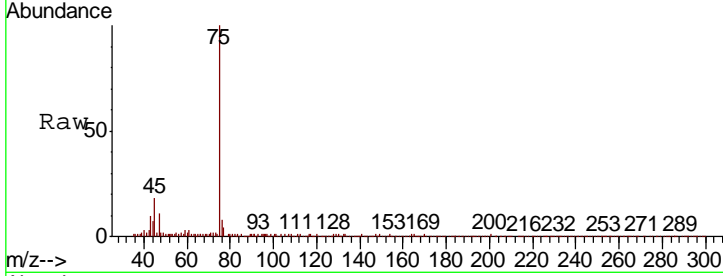




#25
 2-Butanone
 Concen: 1.222 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

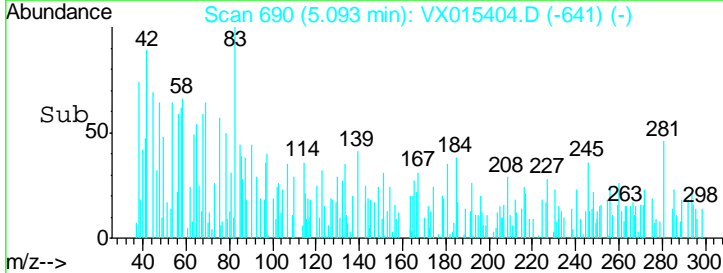
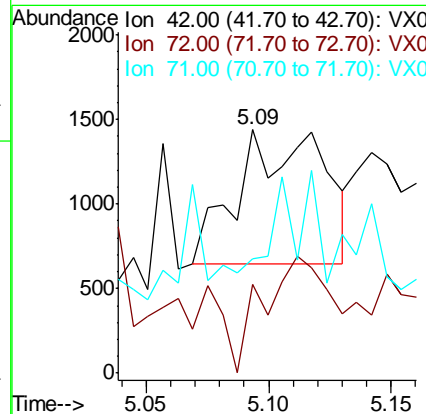
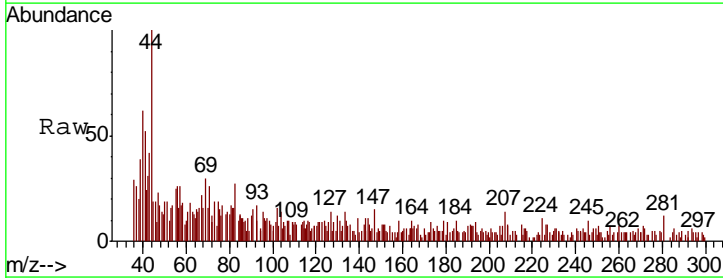
Instrument :
 MSVOA_X
 ClientSampled :
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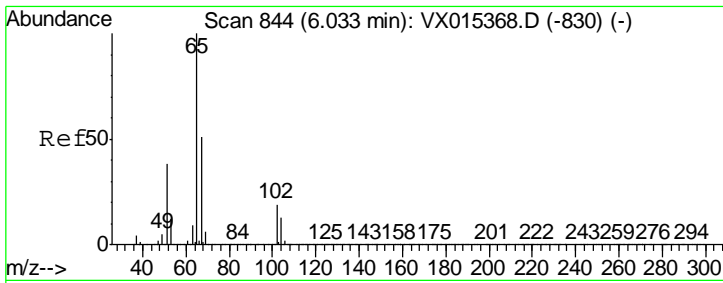
Tgt Ion	Resp	Lower	Upper
43	13417		
72	17.9	19.0	28.4#



#29
 Tetrahydrofuran
 Concen: 0.272 ug/l
 RT: 5.09 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
42	1919		
72	0.0	31.7	47.5#
71	0.0	29.6	44.4#

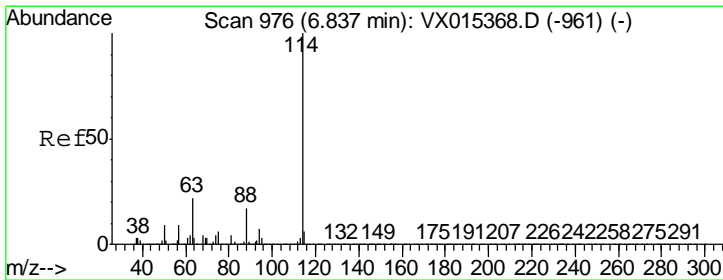
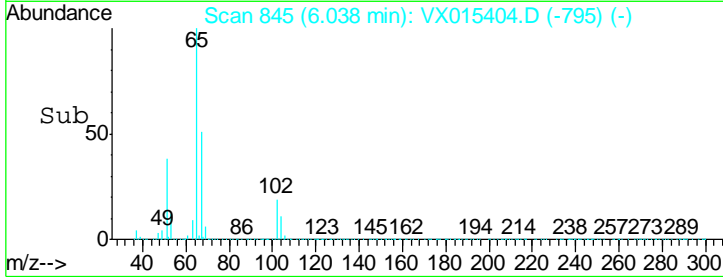
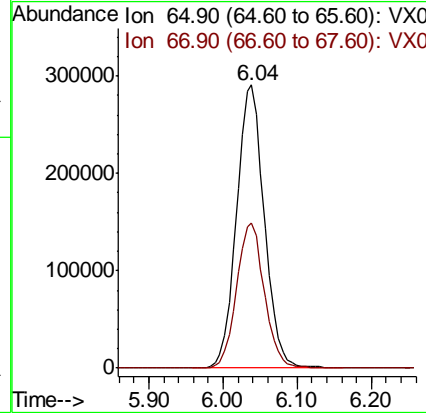
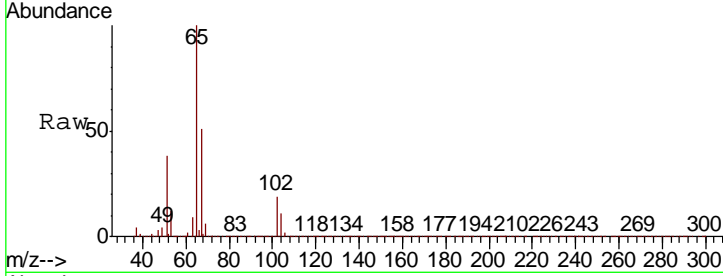




#33
 1,2-Dichloroethane-d4
 Concen: 47.543 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

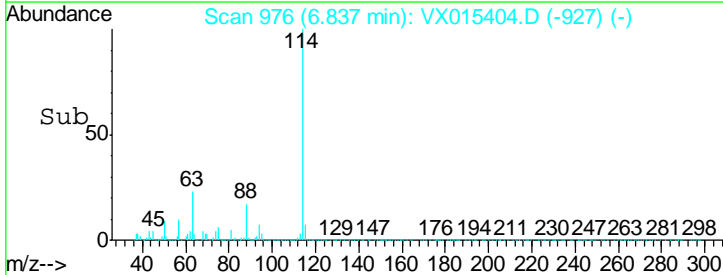
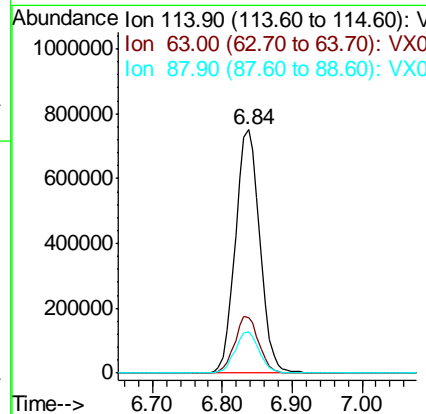
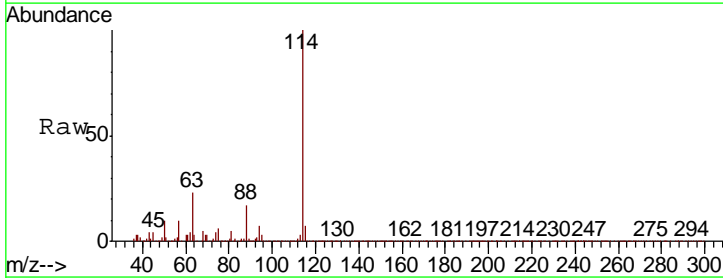
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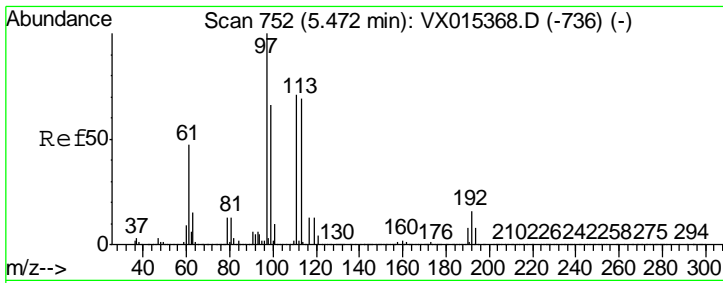
Tgt Ion	Resp	Lower	Upper
65	100		
67	51.0	0.0	102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
114	100		
63	22.8	0.0	44.2
88	17.2	0.0	33.8

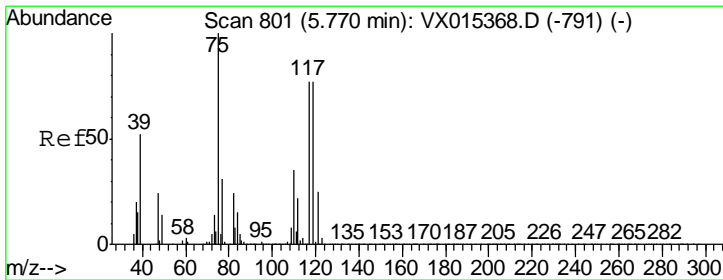
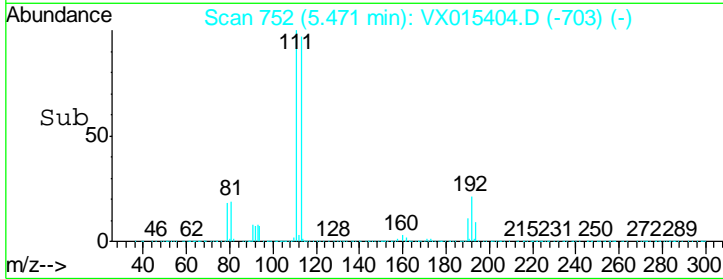
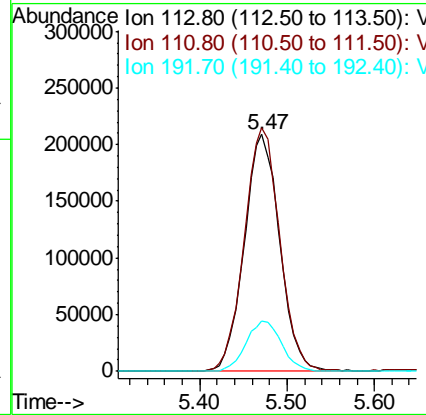
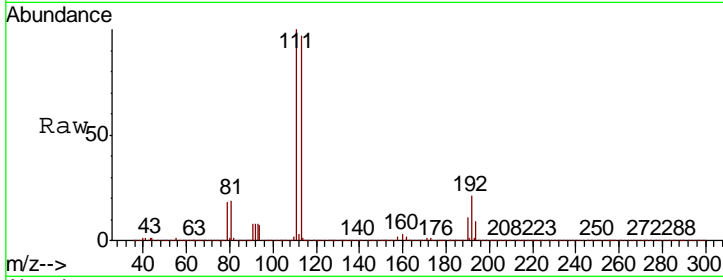




#35
 Dibromofluoromethane
 Concen: 50.444 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

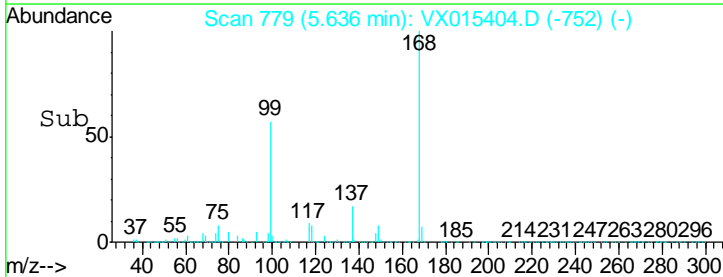
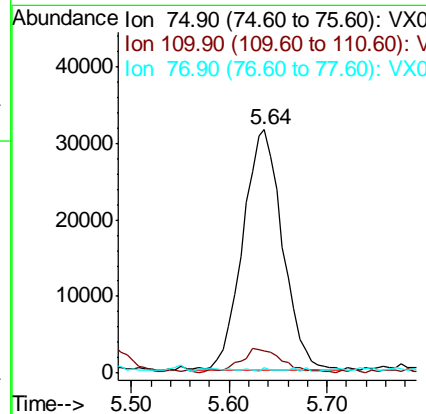
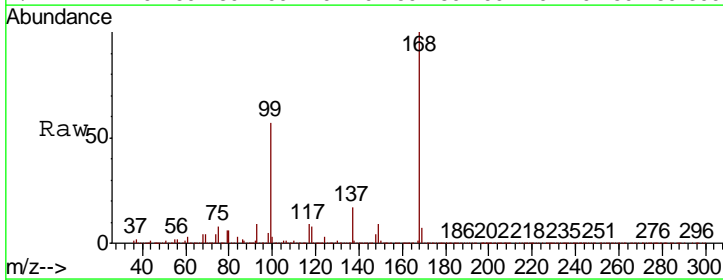
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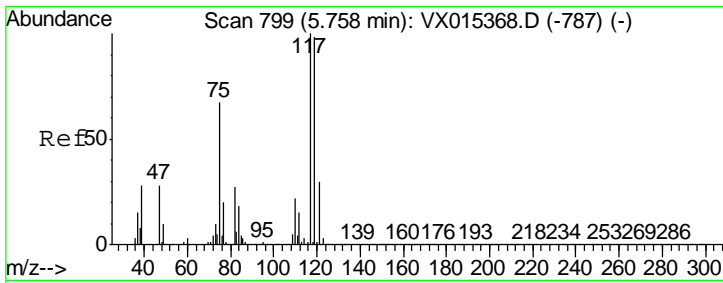
Tgt Ion	Resp	Lower	Upper
113	586550		
111	103.1	81.5	122.3
192	21.3	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 5.288 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.13 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
75	88634		
110	11.4	17.1	51.3#
77	0.4	24.6	36.8#

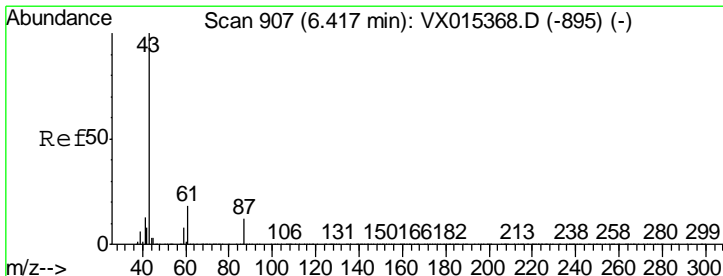
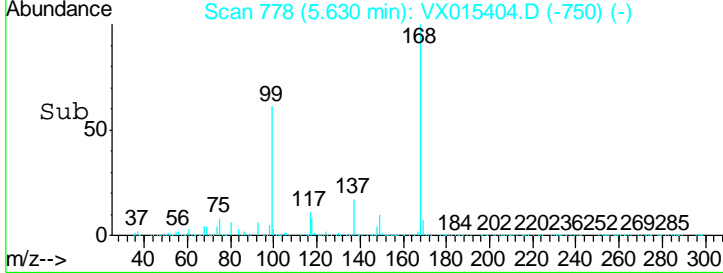
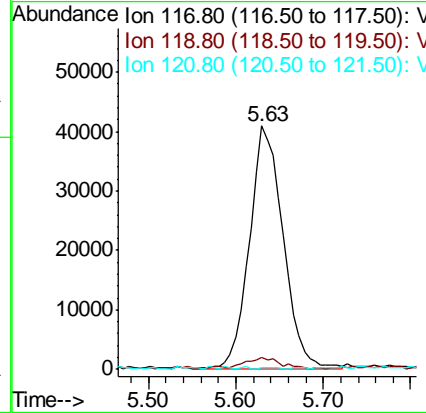
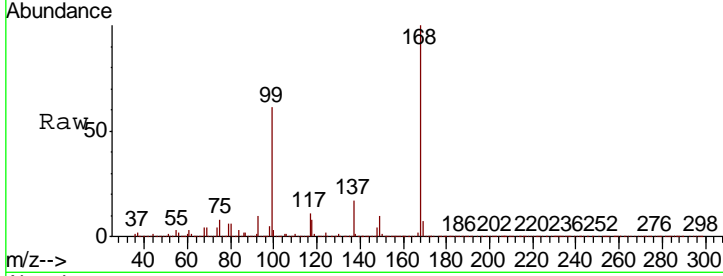




#38
 Carbon Tetrachloride
 Concen: 6.016 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.13 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

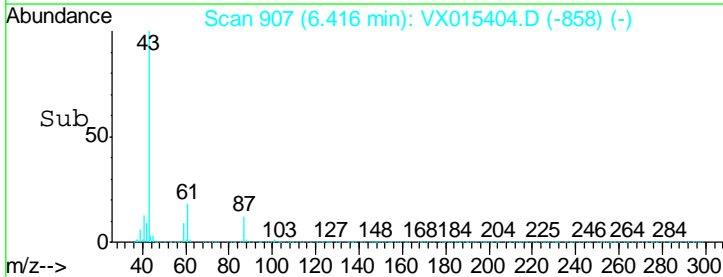
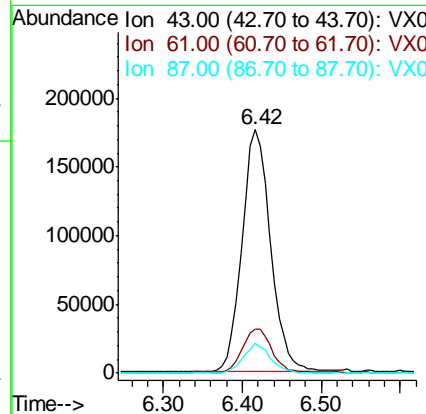
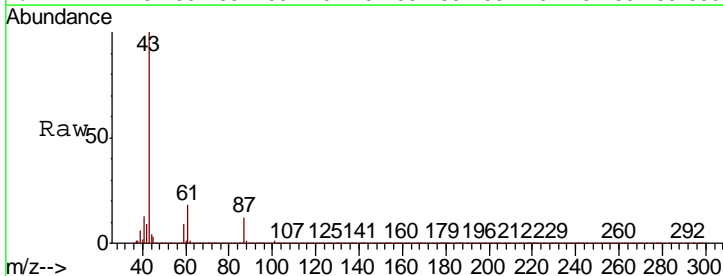
Instrument :
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ClientSampled :
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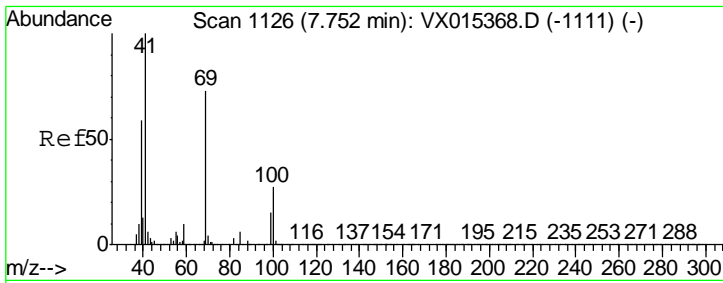
Tgt Ion	Resp	Lower	Upper
117	109201		
119	4.1	78.0	117.0#
121	0.0	23.8	35.8#



#43
 Isopropyl Acetate
 Concen: 12.109 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
43	446093		
61	18.2	14.8	22.2
87	11.6	9.4	14.0

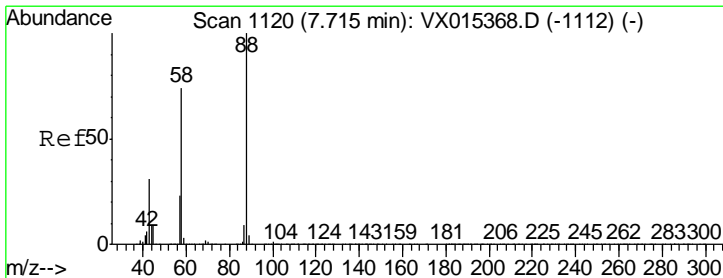
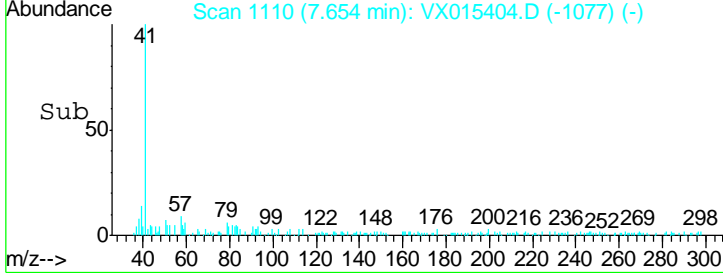
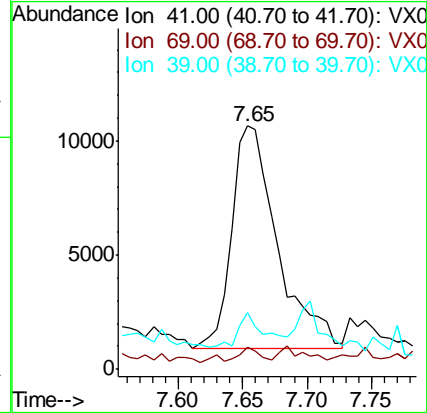
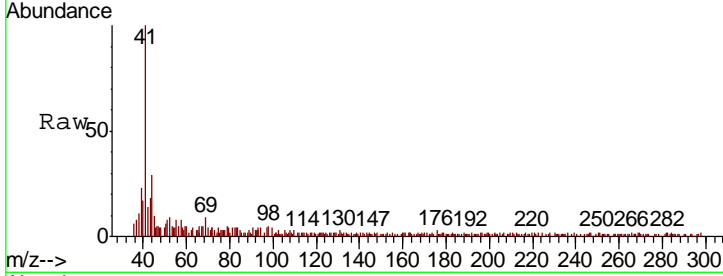




#48
 Methyl methacrylate
 Concen: 1.323 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.10 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

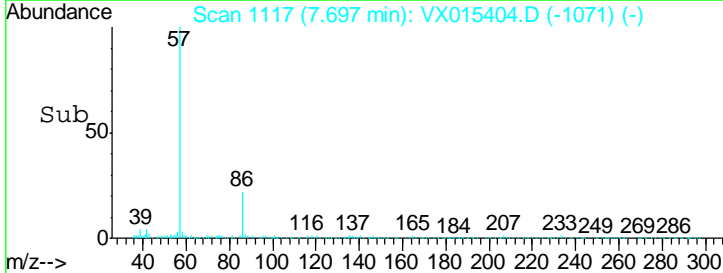
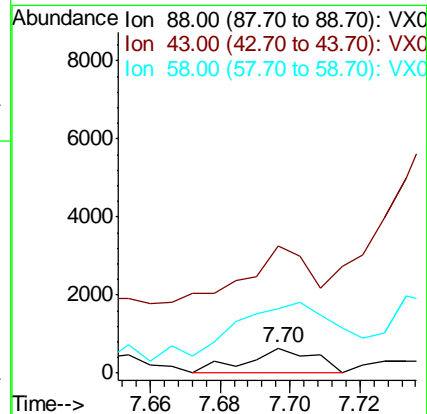
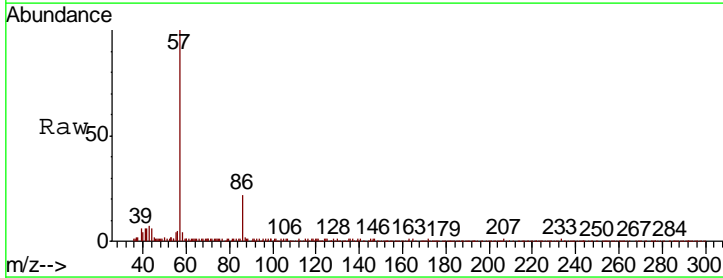
Instrument :
 MSVOA_X
ClientSampled :
 PB127861TB

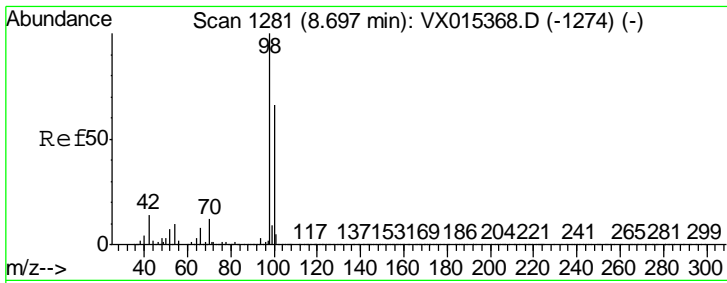
Tgt Ion	Resp	Lower	Upper
41	100		
69	2.4	56.7	85.1#
39	0.0	46.5	69.7#



#49
 1,4-Dioxane
 Concen: 2.523 ug/l
 RT: 7.70 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	375.2	60.6	90.8#

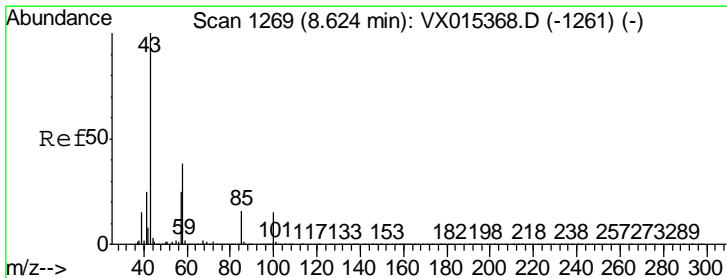
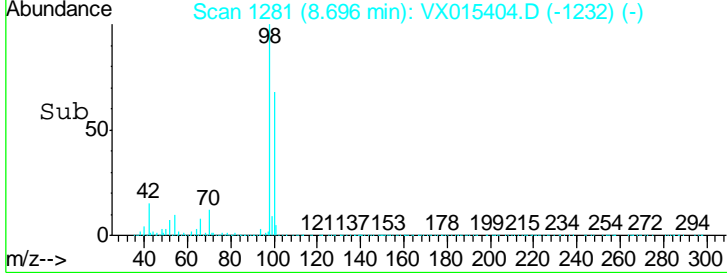
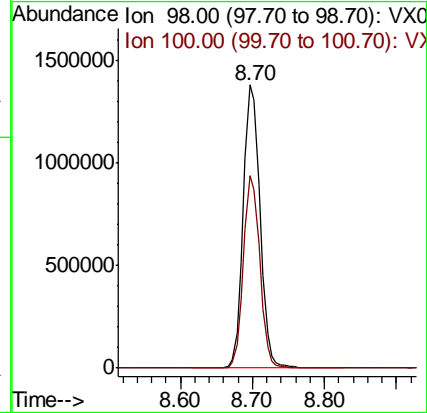
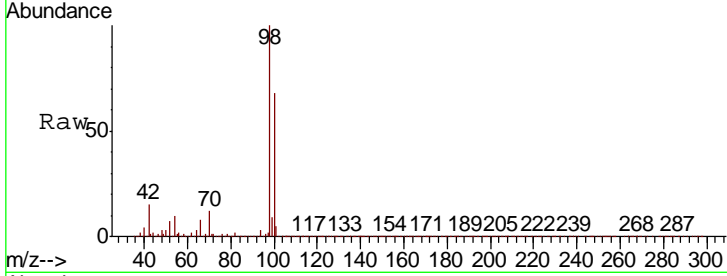




#50
 Toluene-d8
 Concen: 52.050 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

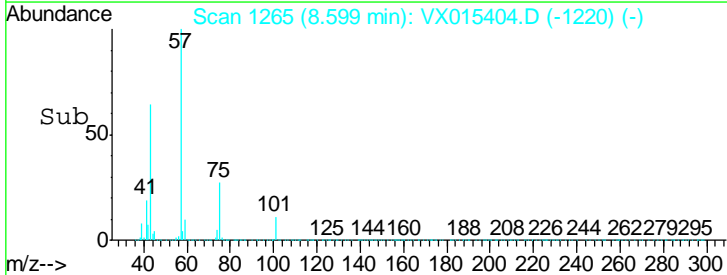
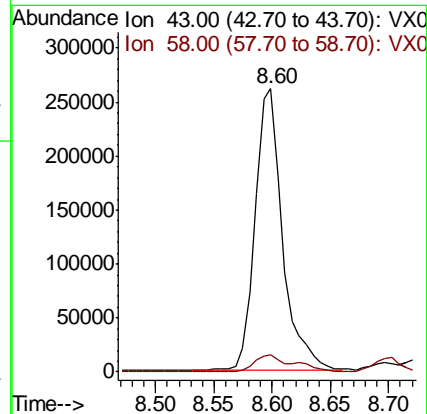
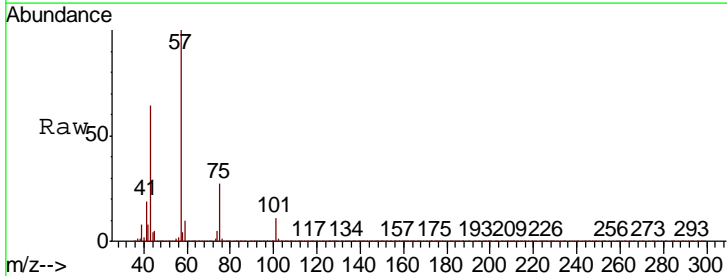
Instrument : MSVOA_X
 ClientSampled : PB127861TB

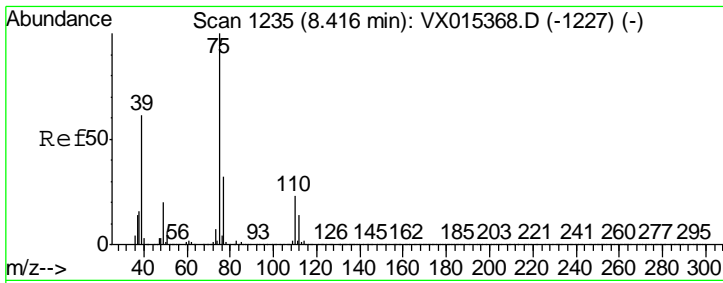
Tgt Ion: 98 Resp: 2228263
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.5 80.3



#51
 4-Methyl-2-Pentanone
 Concen: 20.543 ug/l
 RT: 8.60 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion: 43 Resp: 428895
 Ion Ratio Lower Upper
 43 100
 58 8.2 29.7 44.5#

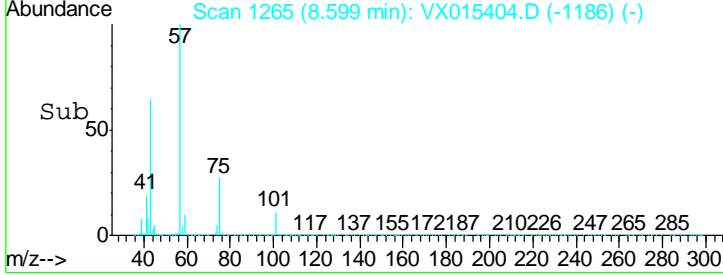
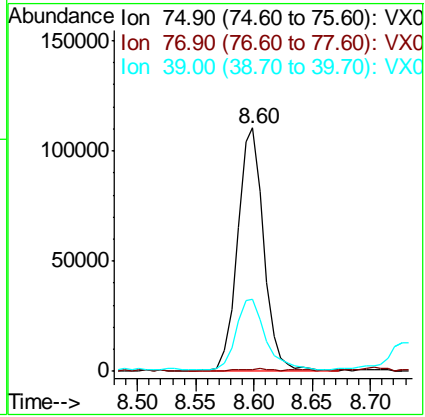
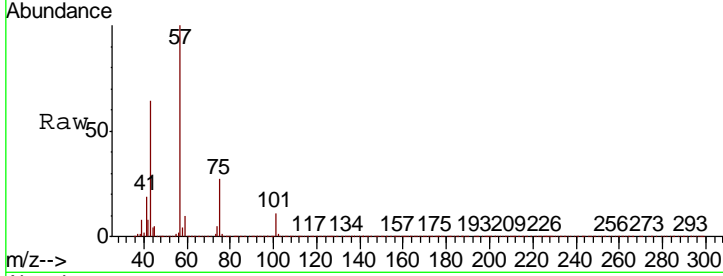




#54
 cis-1,3-Dichloropropene
 Concen: 7.635 ug/l
 RT: 8.60 min Scan# 1265
 Delta R.T. 0.18 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

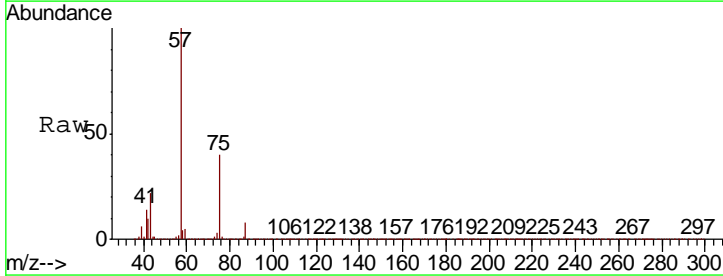
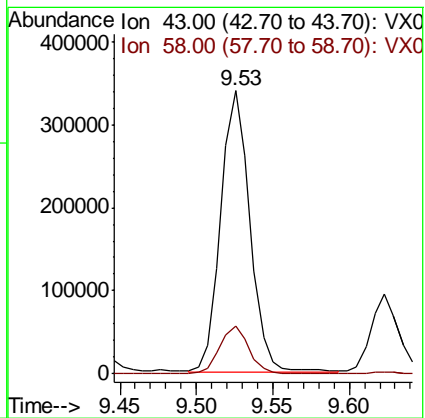
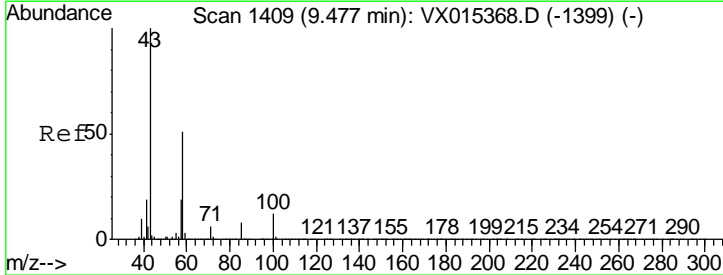
Instrument :
 MSVOA_X
ClientSampled :
 PB127861TB

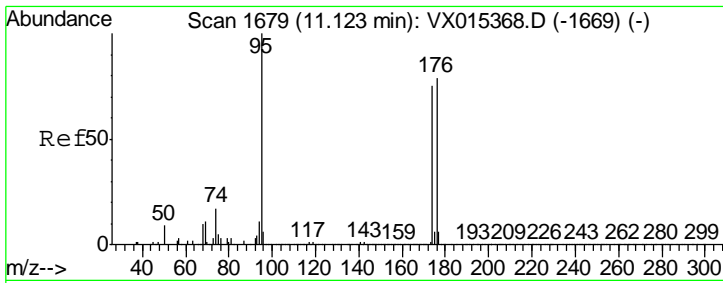
Tgt Ion	Resp	Lower	Upper
75	171245		
77	0.3	25.8	38.6#
39	28.6	49.0	73.4#



#59
 2-Hexanone
 Concen: 28.551 ug/l
 RT: 9.53 min Scan# 1417
 Delta R.T. 0.05 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
43	450036		
58	16.8	25.6	76.6#

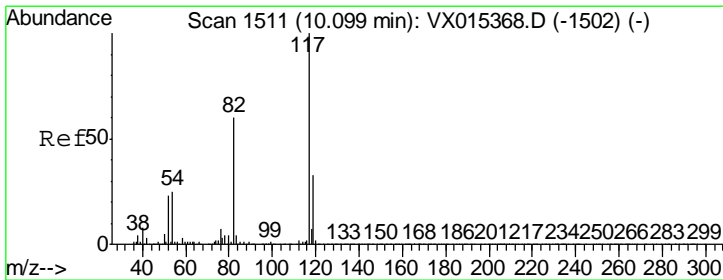
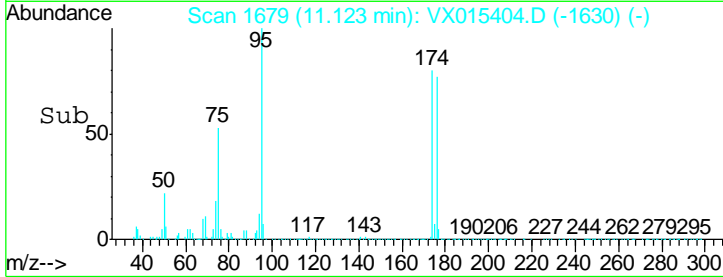
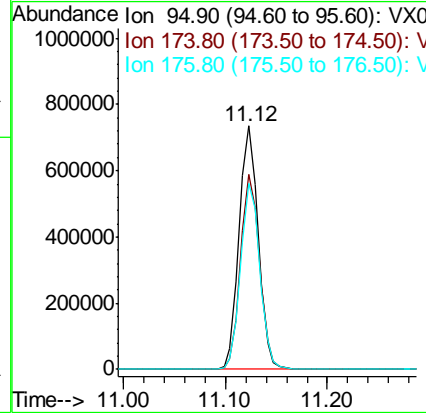
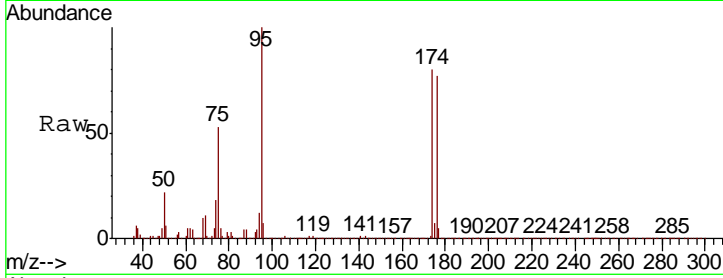




#62
 4-Bromofluorobenzene
 Concen: 54.473 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

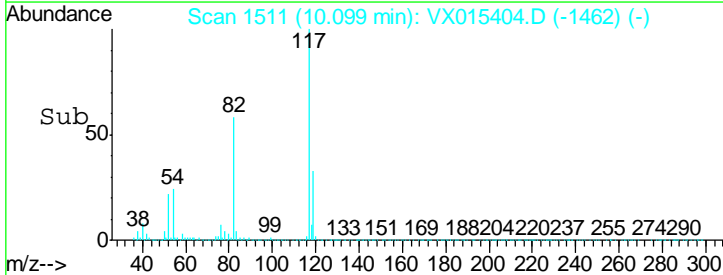
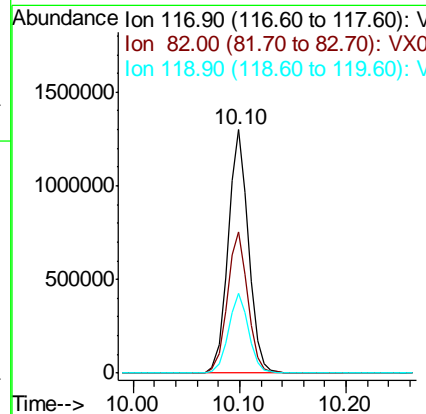
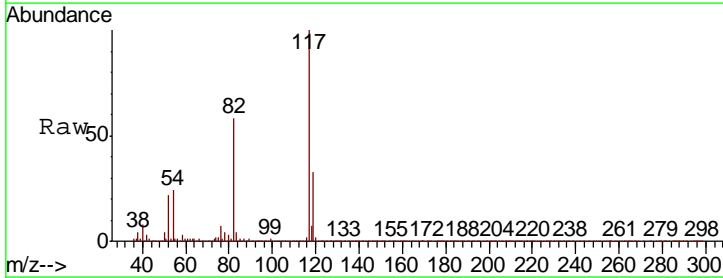
Instrument :
 MSVOA_X
 ClientSampled :
 PB127861TB

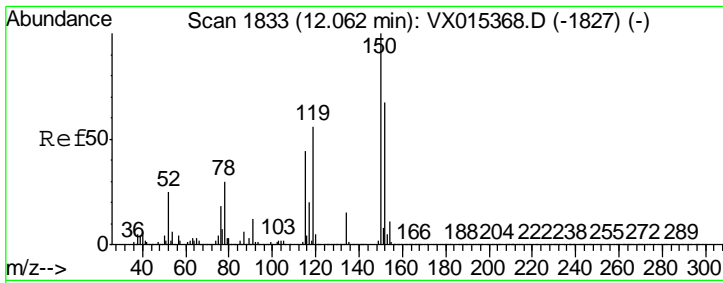
Tgt Ion	Resp	Lower	Upper
95	100		
174	79.6	0.0	158.6
176	76.3	0.0	159.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
117	100		
82	57.7	47.8	71.8
119	32.8	26.8	40.2

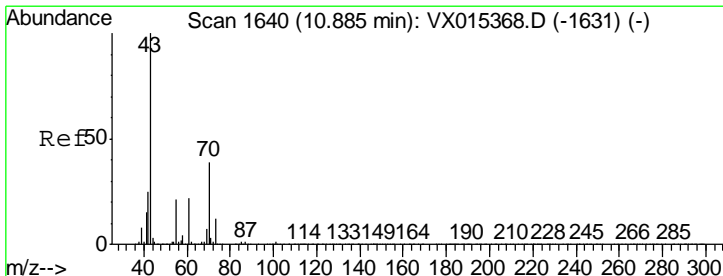
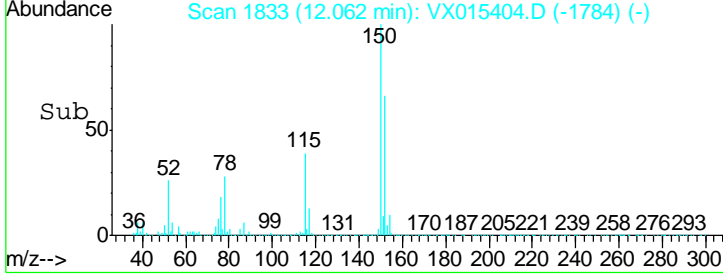
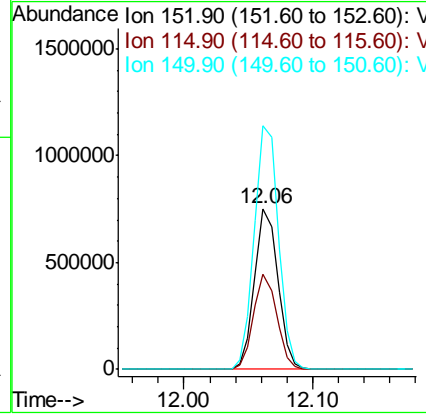
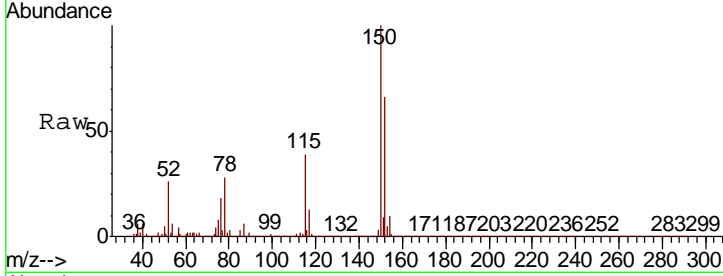




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

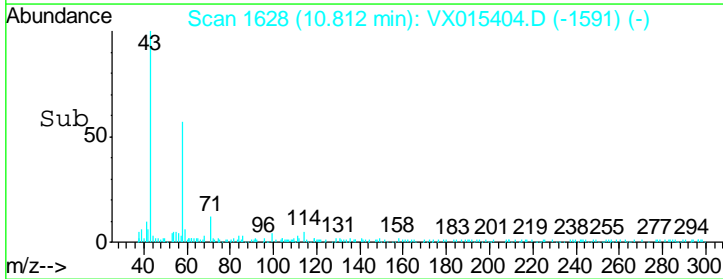
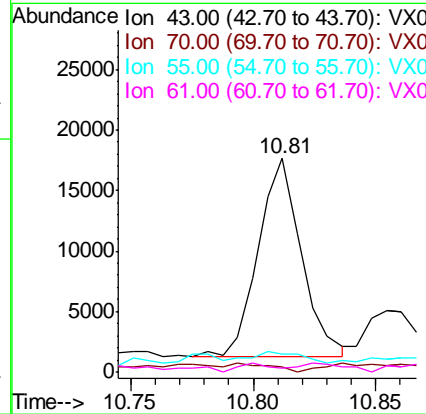
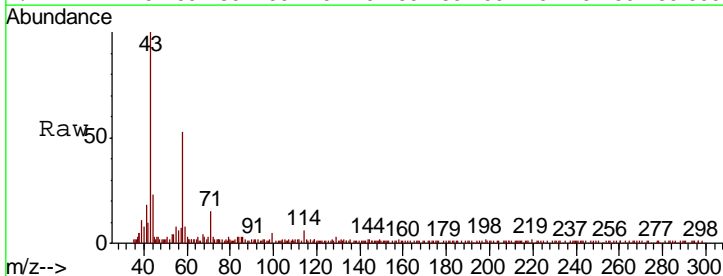
Instrument : MSVOA_X
 ClientSampled : PB127861TB

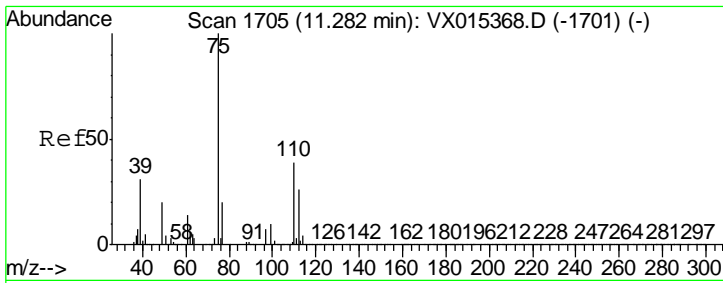
Tgt Ion	Resp	Lower	Upper
152	100		
115	58.7	39.0	116.9
150	156.5	0.0	340.8



#74
 N-amyl acetate
 Concen: 0.585 ug/l
 RT: 10.81 min Scan# 1628
 Delta R.T. -0.07 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
43	100		
70	4.2	30.2	45.4#
55	6.0	16.8	25.2#
61	0.0	18.2	27.2#

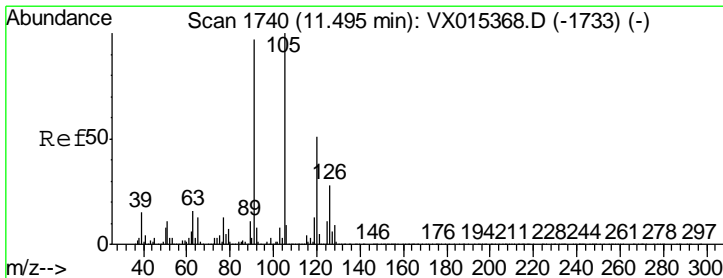
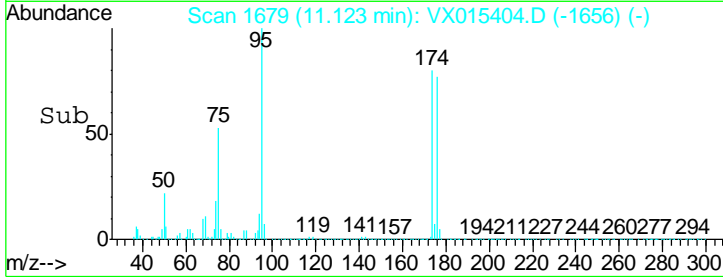
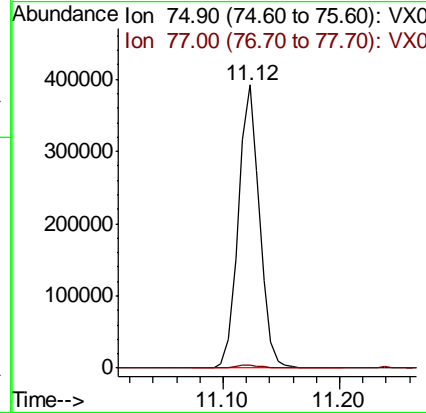
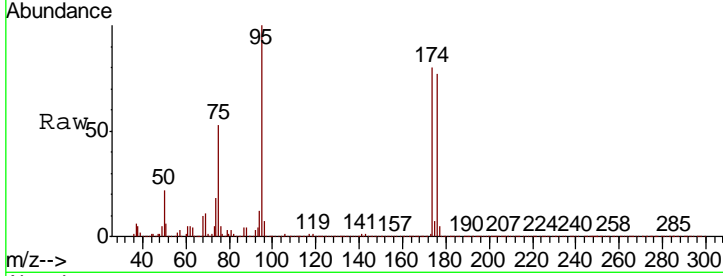




#76
 1,2,3-Trichloropropane
 Concen: 25.728 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

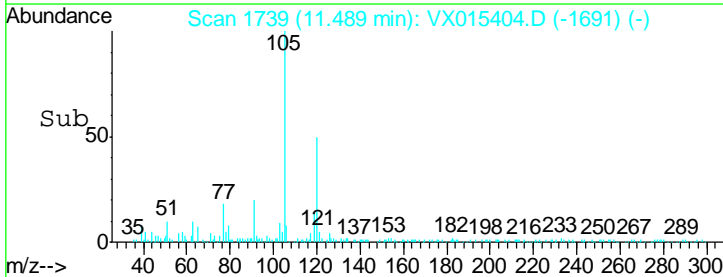
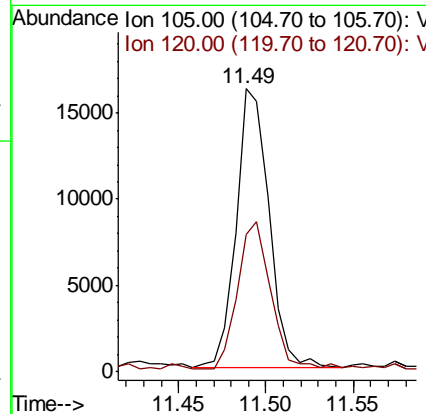
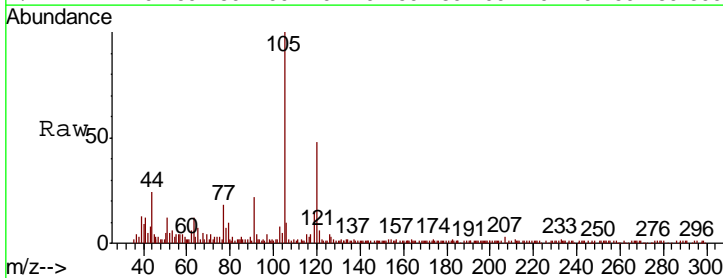
Instrument :
 MSVOA_X
 ClientSampled :
 PB127861TB

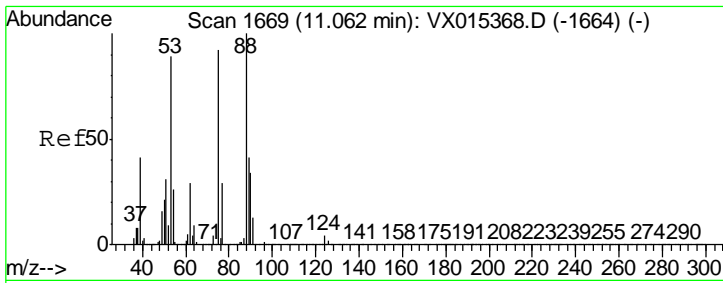
Tgt Ion: 75 Resp: 495090
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.2 63.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.403 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion: 105 Resp: 21082
 Ion Ratio Lower Upper
 105 100
 120 52.1 24.8 74.4

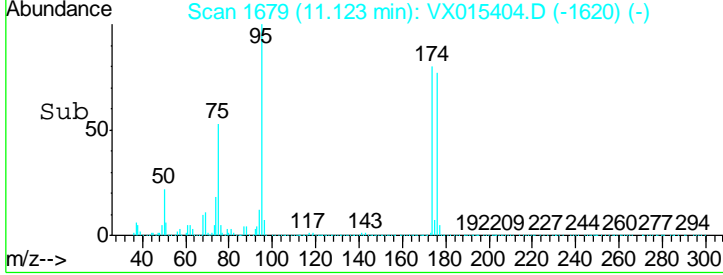
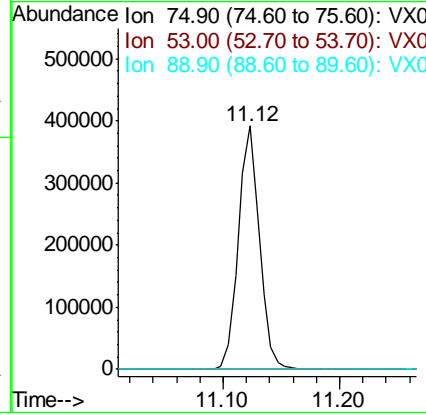
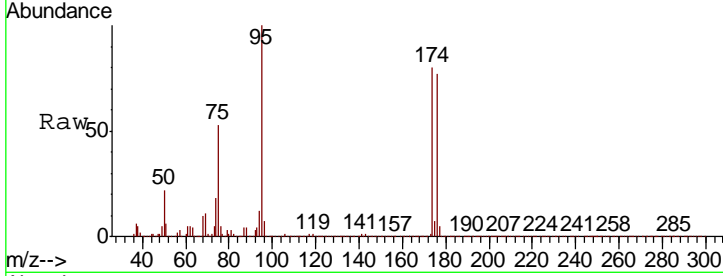




#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.733 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

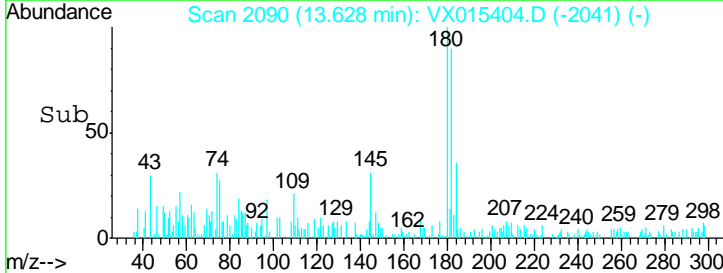
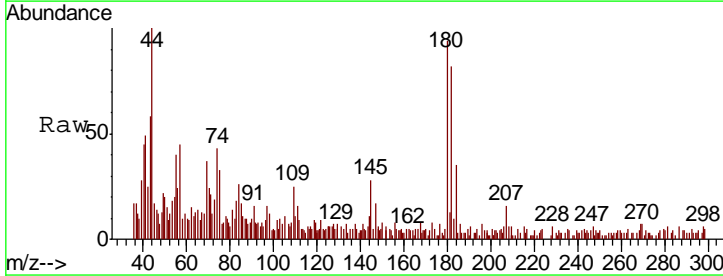
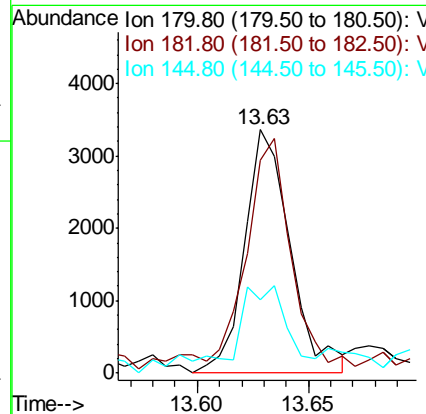
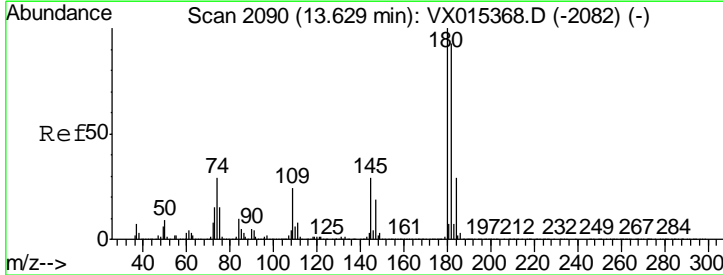
Instrument : MSVOA_X
 ClientSampled : PB127861TB

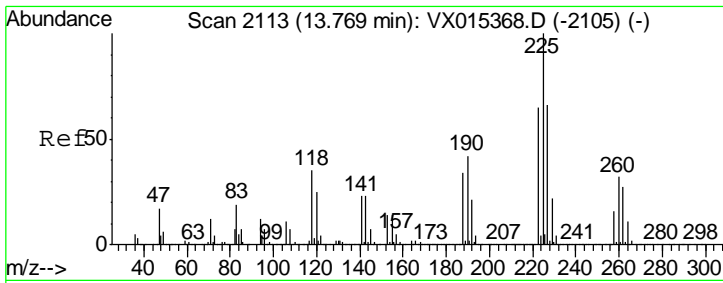
Tgt Ion	Resp	Lower	Upper
75	100		
53	0.1	80.1	120.1#
89	0.1	36.1	54.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.214 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.7	46.9	140.7
145	43.9	14.9	44.5





#94
 Hexachlorobutadiene
 Concen: 0.201 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015404.D
 Acq: 28 Mar 2020 01:16

Instrument : MSVOA_X
 ClientSampleId : PB127861TB

Tot Ion: 225 Resp: 2167

Ion	Ratio	Lower	Upper
225	100		
223	53.4	31.9	95.7
227	70.3	30.4	91.3

