

Data File : VX015227.D
Acq On : 12 Mar 2020 11:10
Operator : JC/SP
Sample : L1853-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CB-EC-21-G

Quant Time: Mar 13 02:17:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	273599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	433654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	447487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	220860	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	150533	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.49	113	132149	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	534800	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.13	95	198343	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

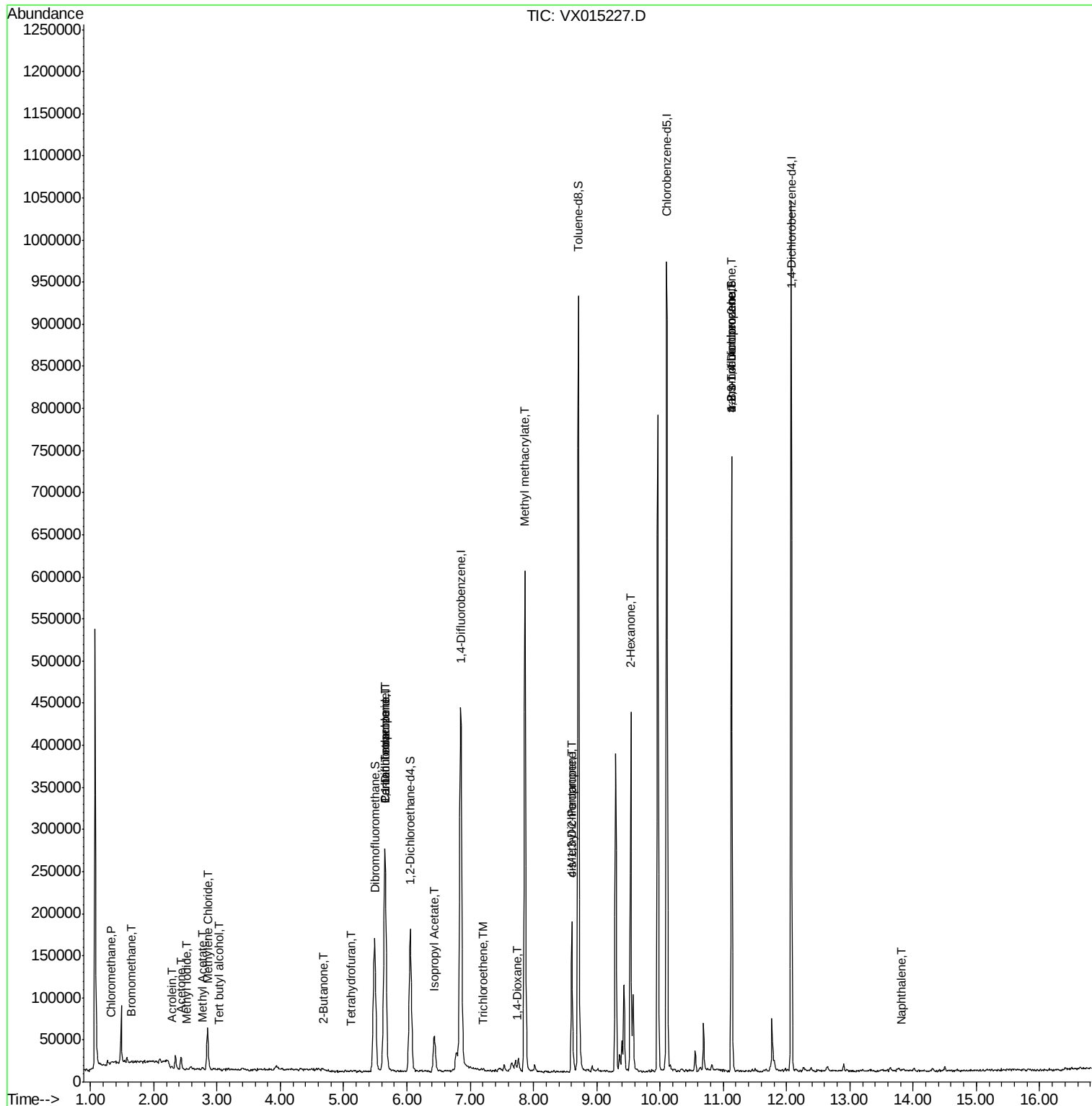
Target Compounds						Qvalue
3) Chloromethane	1.32	50	843	0.248	ug/l #	65
5) Bromomethane	1.66	94	1083	0.512	ug/l #	67
10) Methyl Iodide	2.51	142	898	0.309	ug/l #	87
11) Tert butyl alcohol	3.02	59	889	1.579	ug/l	97
13) Acrolein	2.28	56	2249	4.249	ug/l	96
16) Acetone	2.43	43	16849	12.818	ug/l	92
18) Methyl Acetate	2.76	43	3804	1.183	ug/l #	86
20) Methylene Chloride	2.85	84	23192	7.539	ug/l	98
25) 2-Butanone	4.69	43	2942	1.529	ug/l #	77
29) Tetrahydrofuran	5.12	42	815	0.657	ug/l #	88
36) 1,1-Dichloropropene	5.65	75	18824	4.696	ug/l #	49
38) Carbon Tetrachloride	5.65	117	22860	6.041	ug/l #	18
43) Isopropyl Acetate	6.43	43	57163	8.738	ug/l	98
44) Trichloroethene	7.20	130	698	0.211	ug/l	24
48) Methyl methacrylate	7.86	41	49792	14.954	ug/l #	42
49) 1,4-Dioxane	7.74	88	131	1.820	ug/l #	23
51) 4-Methyl-2-Pentanone	8.61	43	61035	15.780	ug/l #	52
54) cis-1,3-Dichloropropene	8.61	75	28310	5.931	ug/l #	57
59) 2-Hexanone	9.54	43	51341	17.908	ug/l #	50
76) 1,2,3-Trichloropropane	11.13	75	94313	21.408	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	94313	60.756	ug/l #	11
95) Naphthalene	13.82	128	1275	1.505	ug/l #	78

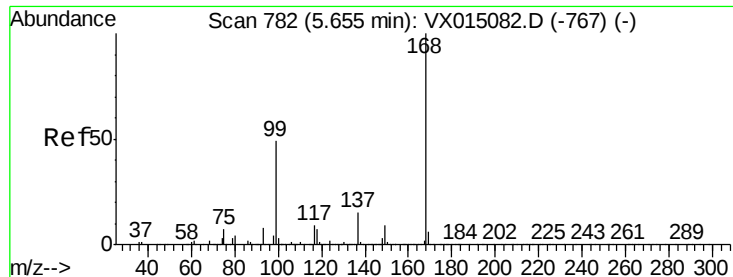
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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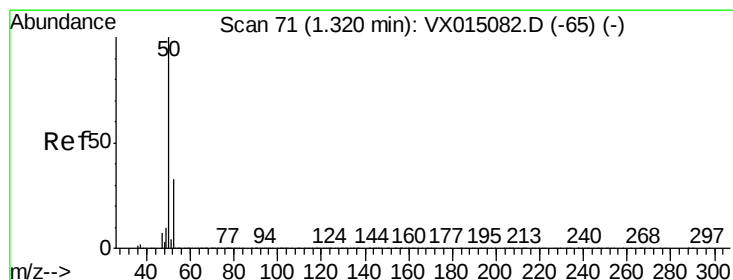
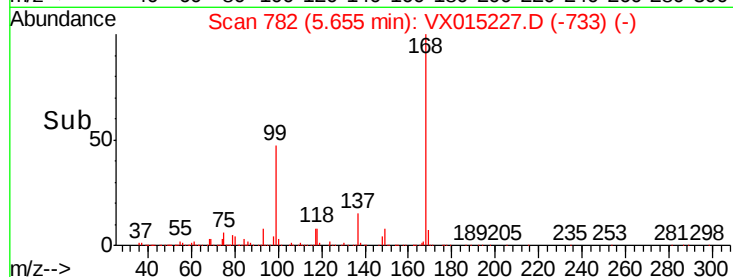
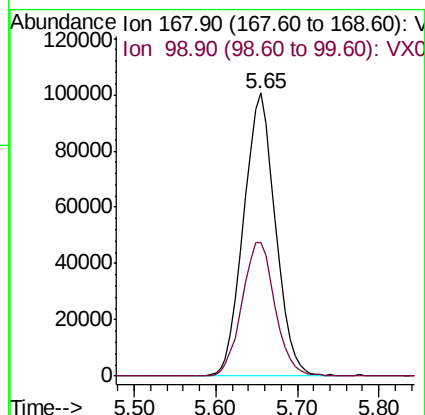
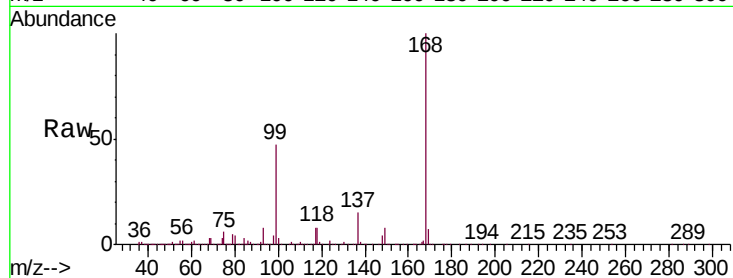


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015227.D
 Acq: 12 Mar 2020 11:10

Instrument :
 MSVOA_X
 ClientSampled :
 CB-EC-21-G

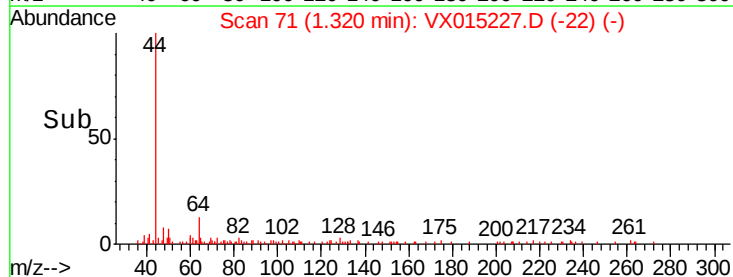
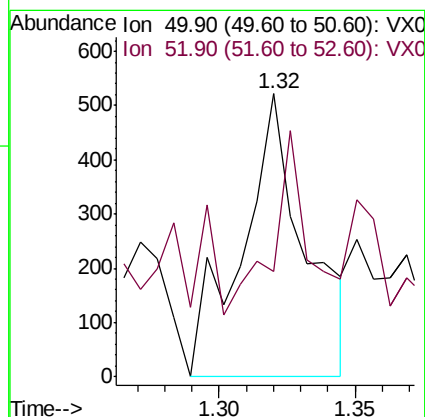
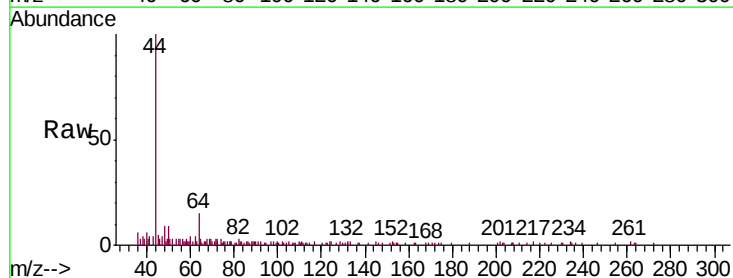
Tgt Ion:168 Resp: 273599
 Ion Ratio Lower Upper
 168 100
 99 47.0 39.4 59.2

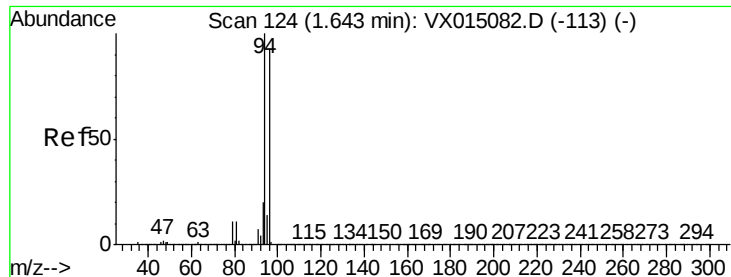


#3

Chloromethane
 Concen: 0.248 ug/l
 RT: 1.32 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VX015227.D
 Acq: 12 Mar 2020 11:10

Tgt Ion: 50 Resp: 843
 Ion Ratio Lower Upper
 50 100
 52 12.8 26.2 39.2#





#5

Bromomethane

Concen: 0.512 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.01 min

Lab File: VX015227.D

Acq: 12 Mar 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

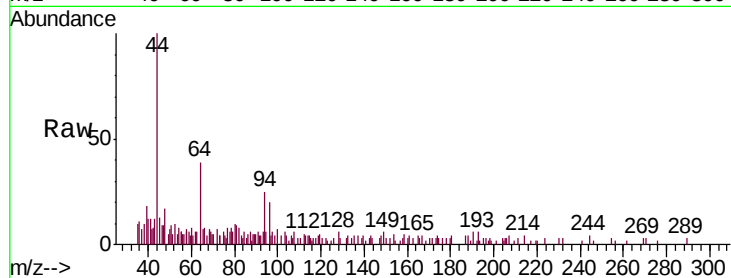
CB-EC-21-G

Tgt Ion: 94 Resp: 1083

Ion Ratio Lower Upper

94 100

96 61.1 74.6 111.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

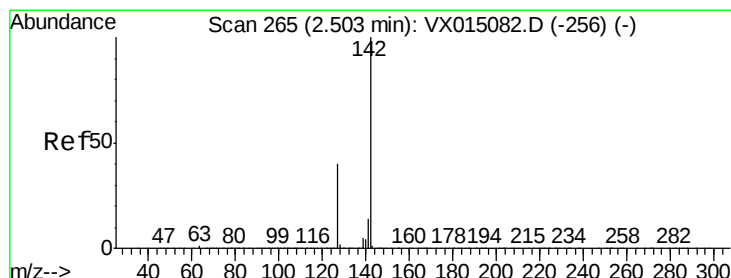
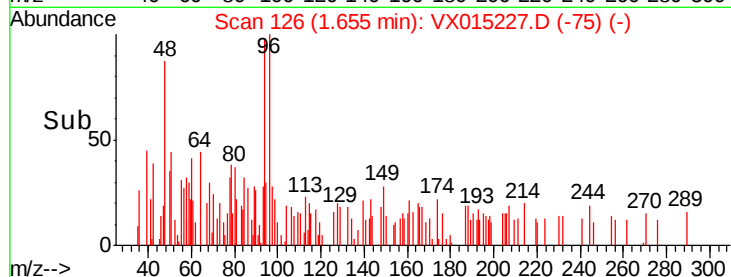
600

400

200

0

Time-->



#10

Methyl Iodide

Concen: 0.309 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX015227.D

Acq: 12 Mar 2020 11:10

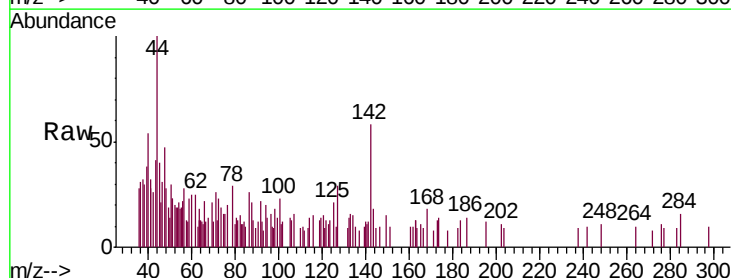
Tgt Ion: 142 Resp: 898

Ion Ratio Lower Upper

142 100

127 46.0 31.7 47.5

141 22.3 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

400

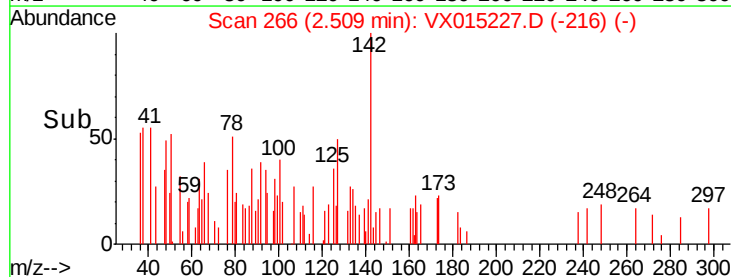
300

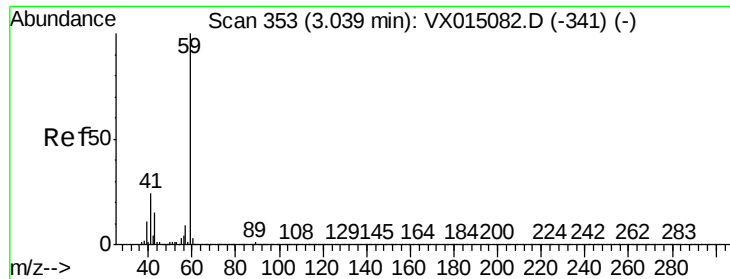
200

100

0

Time-->

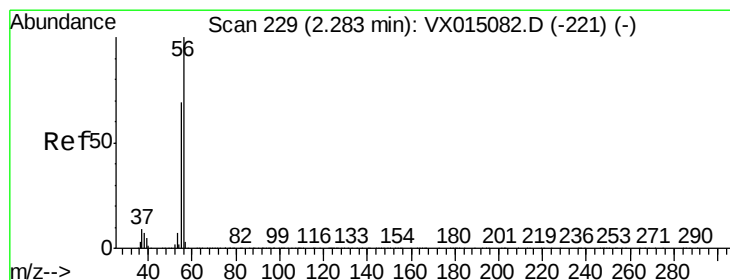
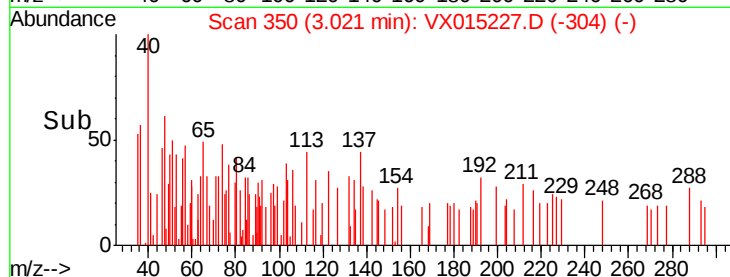
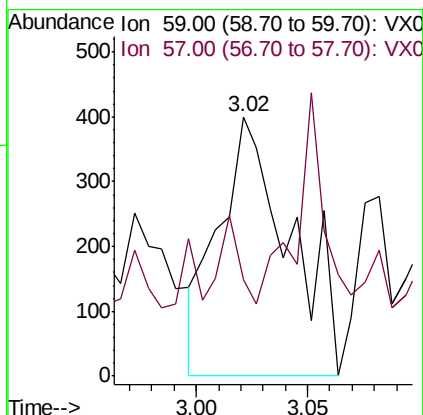
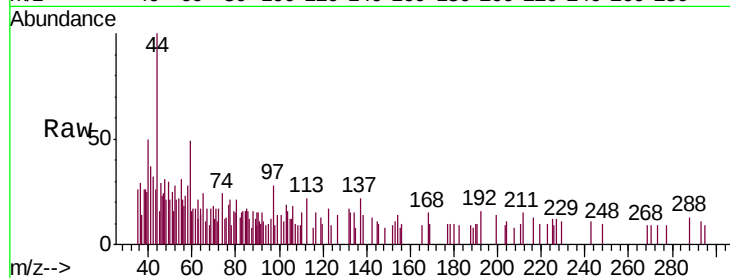




#11
Tert butyl alcohol
Concen: 1.579 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX015227.D
Acq: 12 Mar 2020 11:10

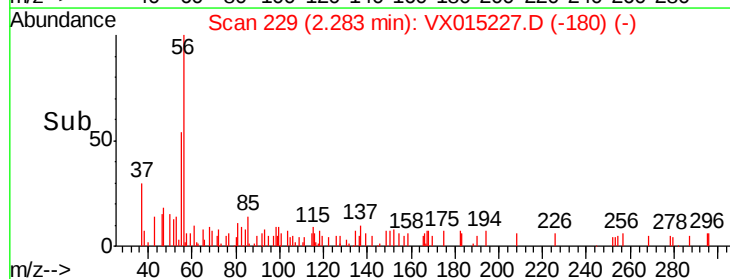
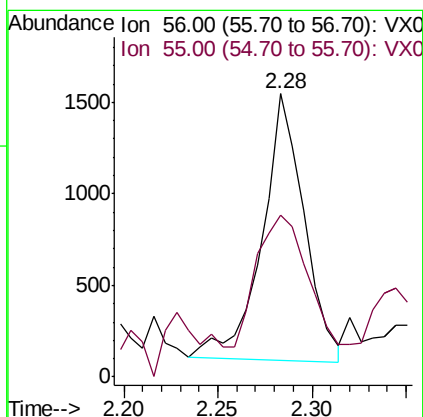
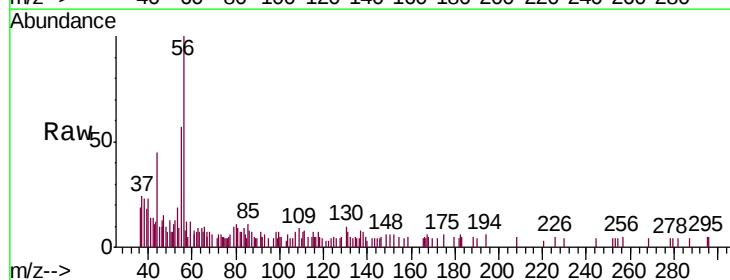
Instrument :
MSVOA_X
ClientSampleId :
CB-EC-21-G

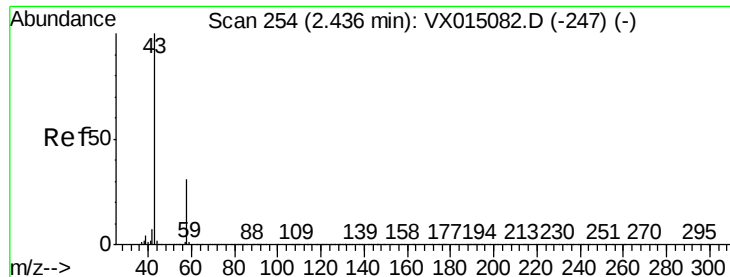
Tgt Ion: 59 Resp: 889
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4



#13
Acrolein
Concen: 4.249 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015227.D
Acq: 12 Mar 2020 11:10

Tgt Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
55 72.8 55.4 83.0





#16

Acetone

Concen: 12.818 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015227.D

Acq: 12 Mar 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

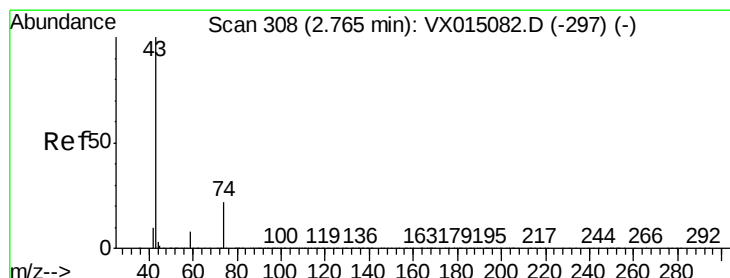
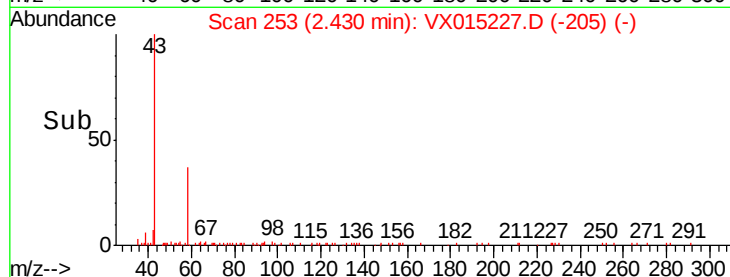
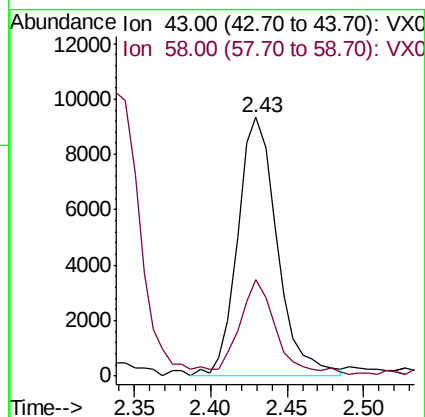
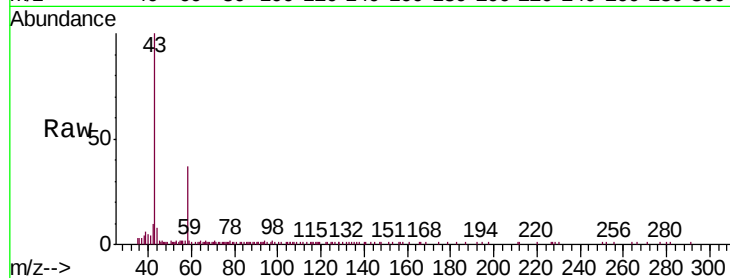
CB-EC-21-G

Tgt Ion: 43 Resp: 16849

Ion Ratio Lower Upper

43 100

58 35.5 24.8 37.2



#18

Methyl Acetate

Concen: 1.183 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015227.D

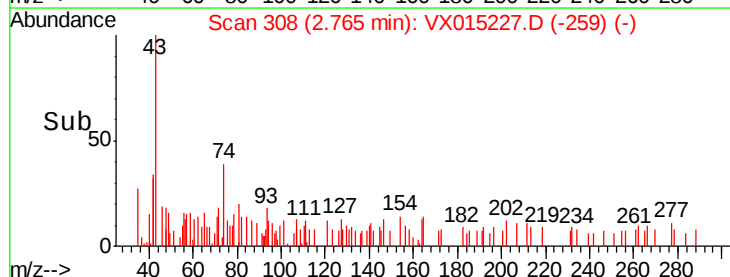
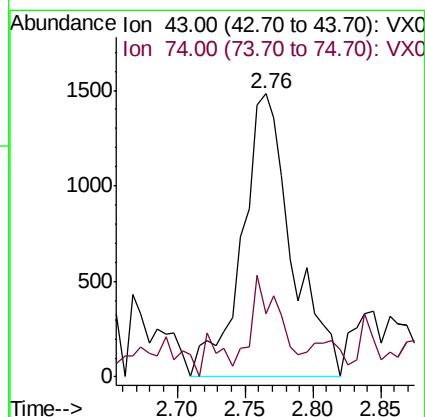
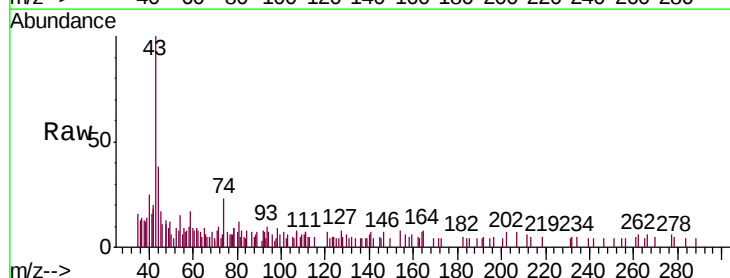
Acq: 12 Mar 2020 11:10

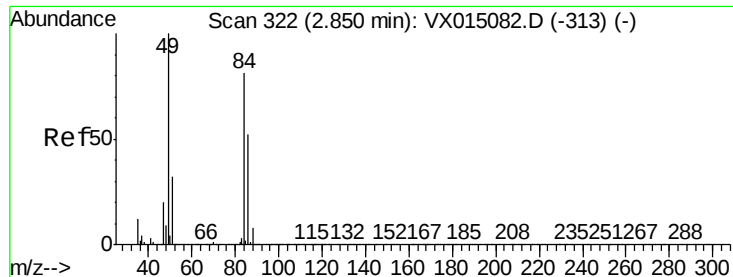
Tgt Ion: 43 Resp: 3804

Ion Ratio Lower Upper

43 100

74 16.6 18.8 28.2#

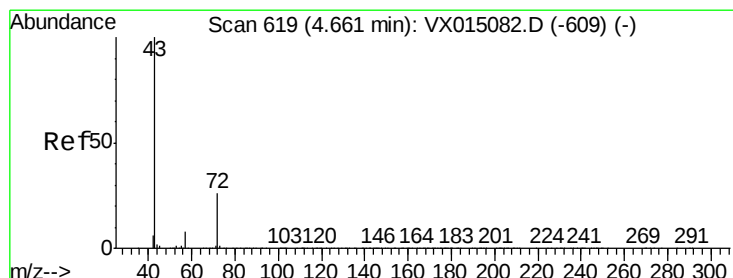
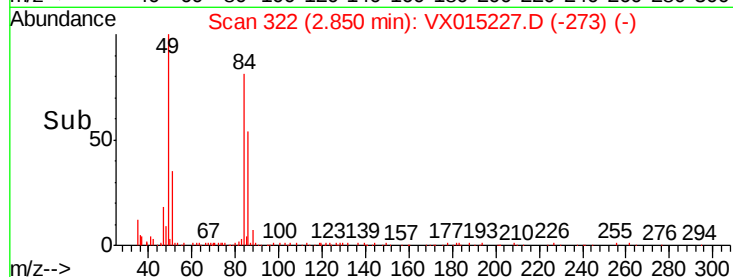
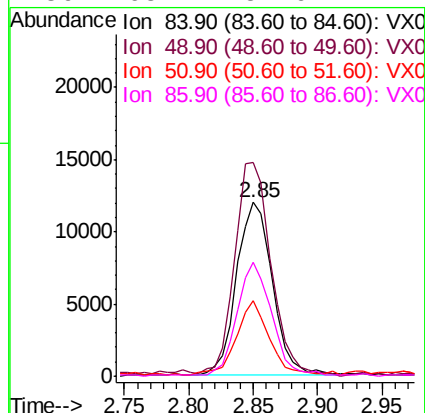
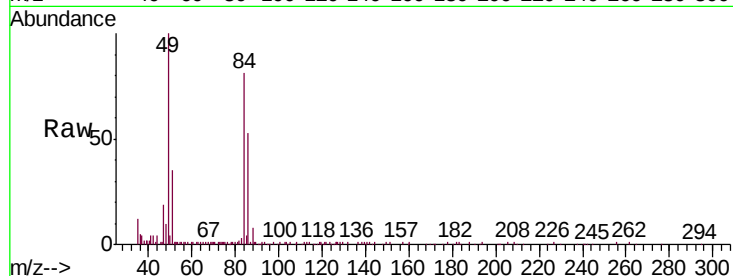




#20
Methylene Chloride
Concen: 7.539 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015227.D
Acq: 12 Mar 2020 11:10

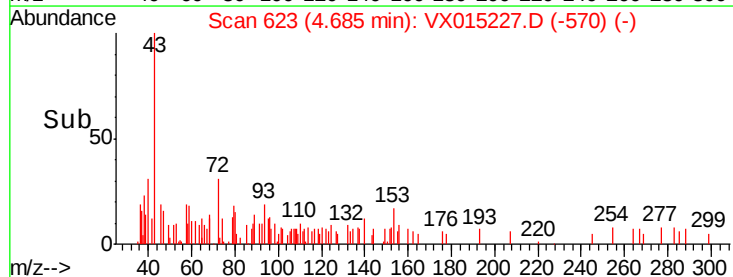
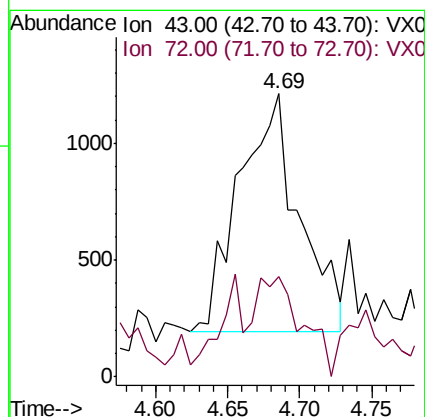
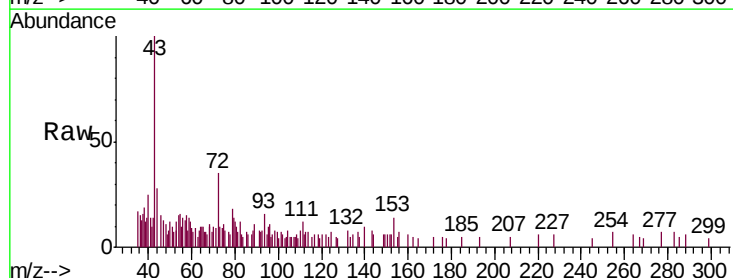
Instrument :
MSVOA_X
ClientSampleId :
CB-EC-21-G

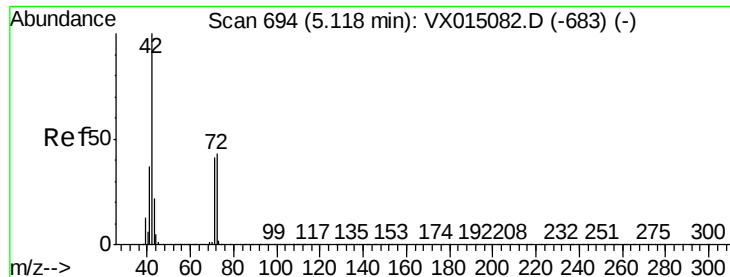
Tgt Ion:	84	Resp:	23192
Ion	Ratio	Lower	Upper
84	100		
49	122.4	99.4	149.2
51	42.8	31.5	47.3
86	65.1	51.6	77.4



#25
2-Butanone
Concen: 1.529 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX015227.D
Acq: 12 Mar 2020 11:10

Tgt Ion:	43	Resp:	2942
Ion	Ratio	Lower	Upper
43	100		
72	37.2	20.6	30.8#

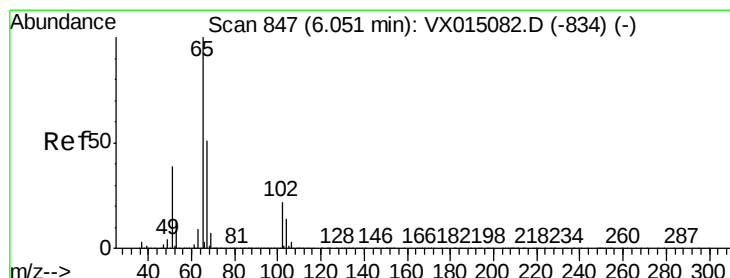
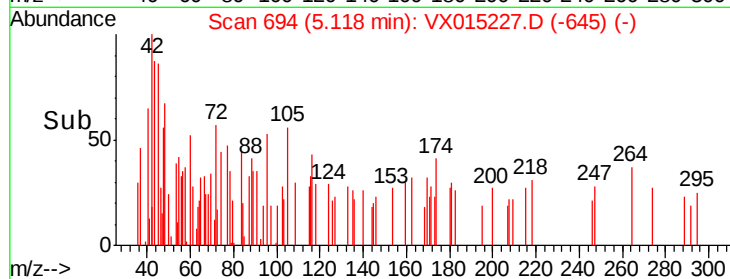
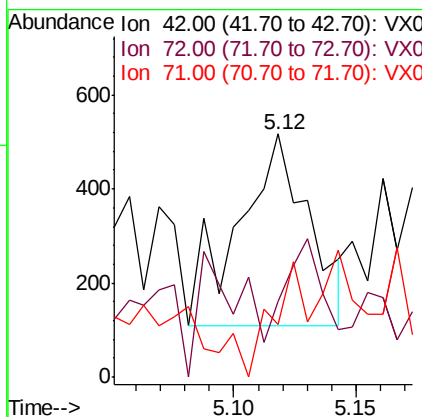
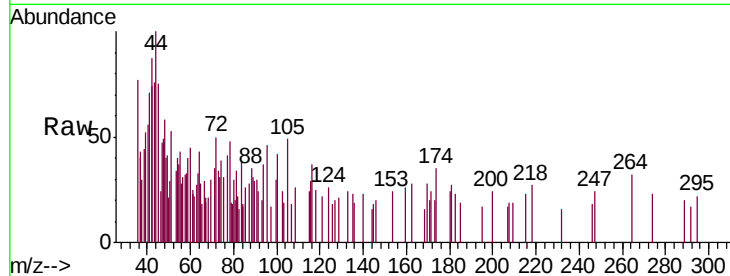




#29
Tetrahydrofuran
Concen: 0.657 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX015227.D
Acq: 12 Mar 2020 11:10

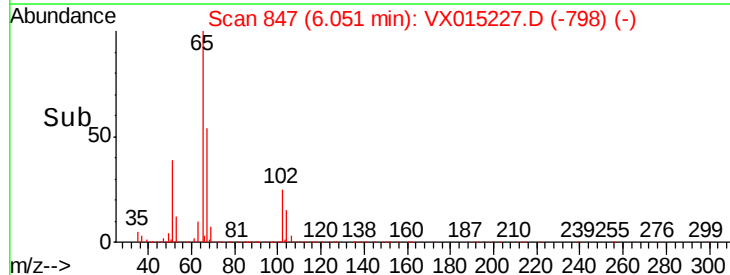
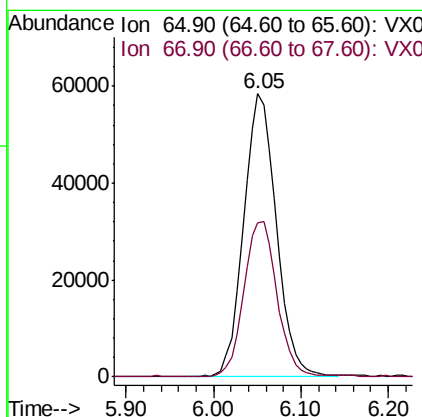
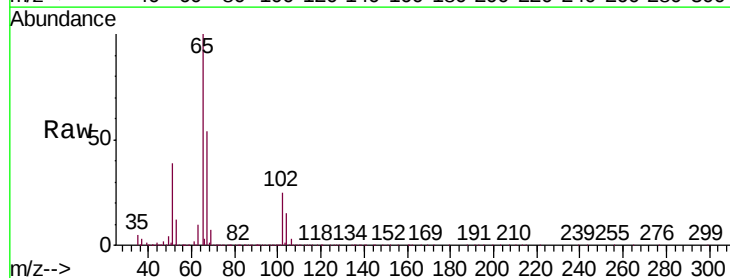
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CB-EC-21-G

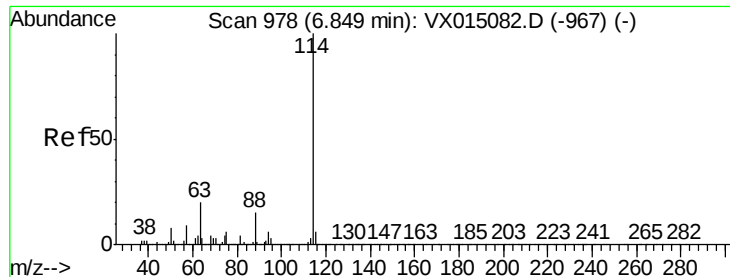
Tgt Ion: 42 Resp: 815
Ion Ratio Lower Upper
42 100
72 43.7 36.4 54.6
71 27.7 33.3 49.9#



#33
1,2-Dichloroethane-d4
Concen: 46.376 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015227.D
Acq: 12 Mar 2020 11:10

Tgt Ion: 65 Resp: 150533
Ion Ratio Lower Upper
65 100
67 55.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015227.D

Acq: 12 Mar 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

CB-EC-21-G

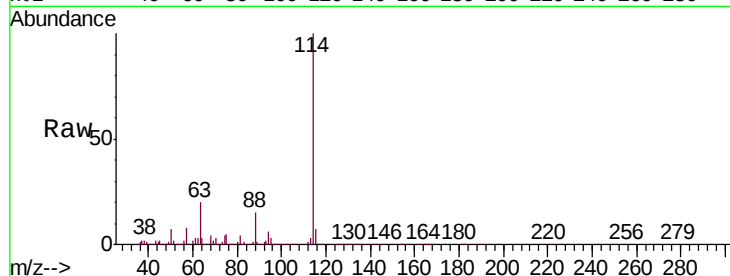
Tgt Ion:114 Resp: 433654

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

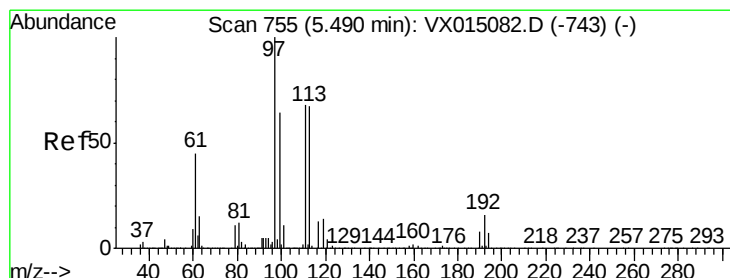
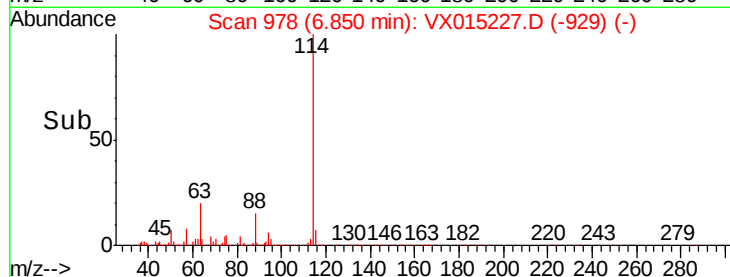
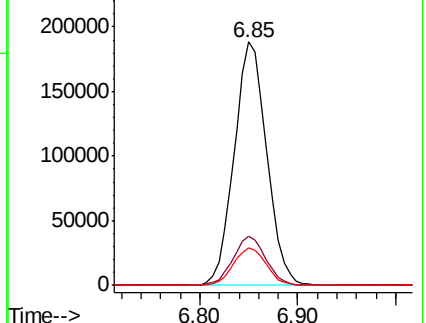
88 15.4 0.0 30.6



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: 48.304 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015227.D

Acq: 12 Mar 2020 11:10

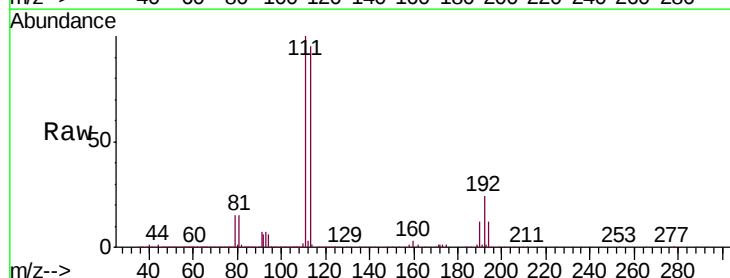
Tgt Ion:113 Resp: 132149

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

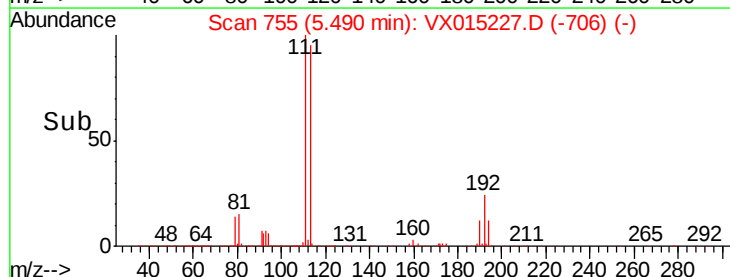
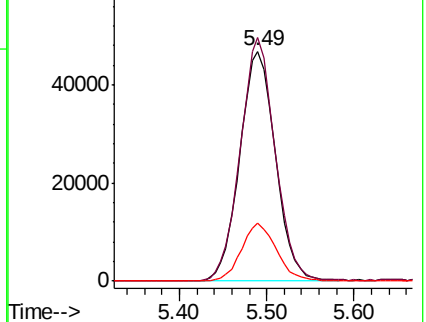
192 24.7 18.6 28.0

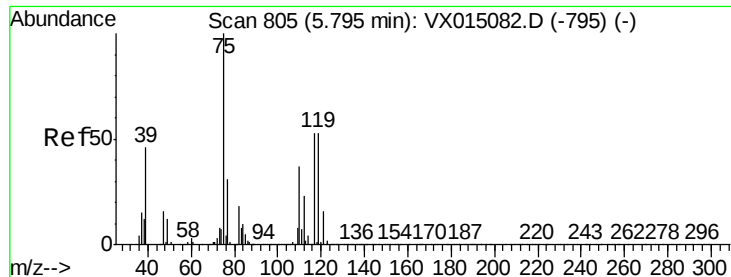


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

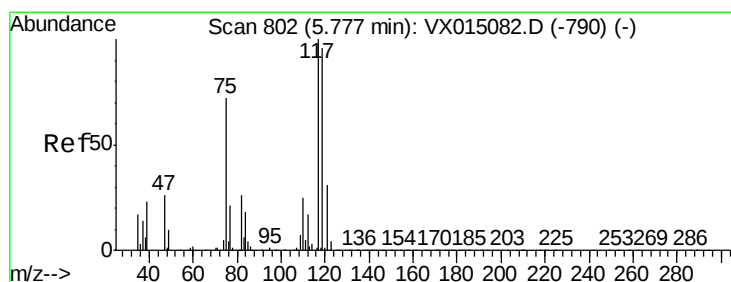
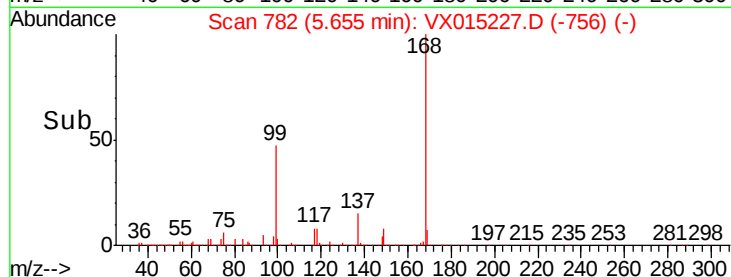
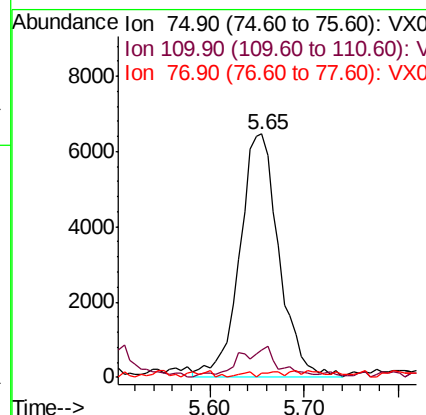
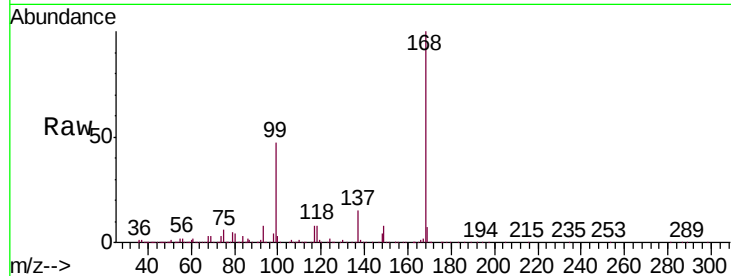




#36
 1,1-Dichloropropene
 Concen: 4.696 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.14 min
 Lab File: VX015227.D
 Acq: 12 Mar 2020 11:10

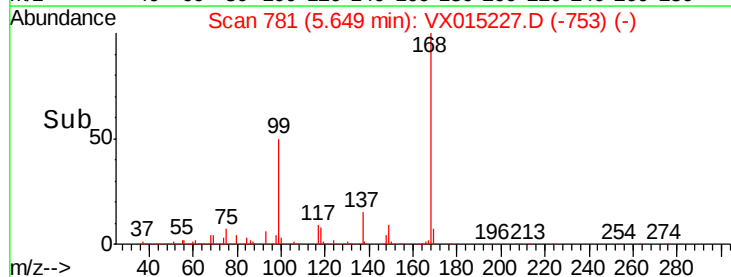
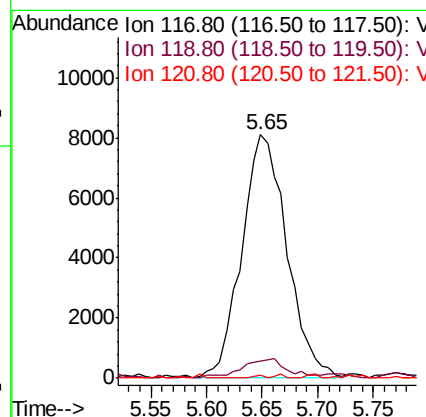
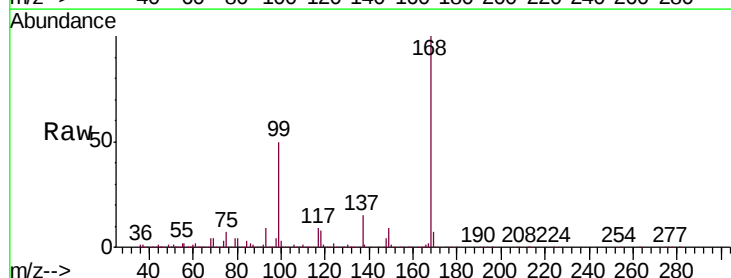
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-EC-21-G

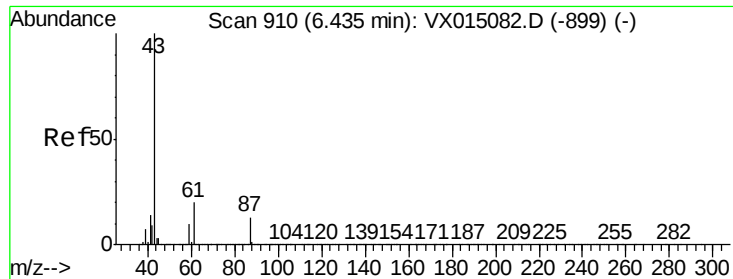
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.9	53.8#
77	1.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.041 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX015227.D
 Acq: 12 Mar 2020 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	76.9	115.3#
121	1.1	24.6	37.0#





#43

Isopropyl Acetate

Concen: 8.738 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015227.D

Acq: 12 Mar 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

CB-EC-21-G

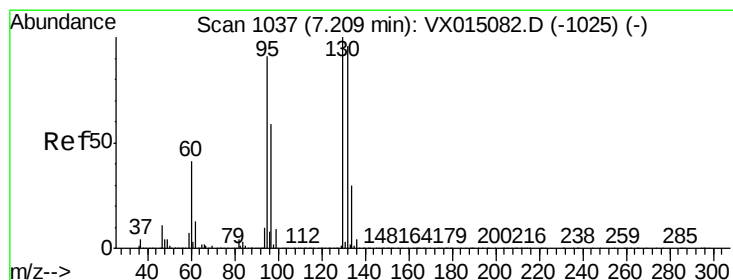
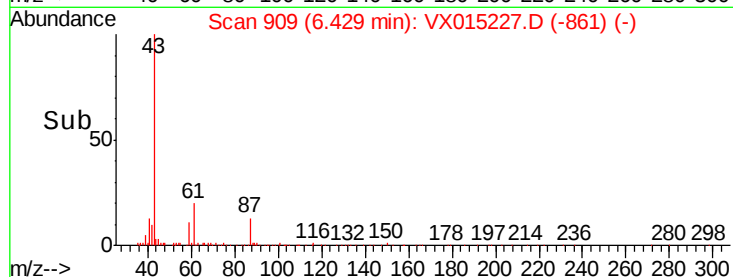
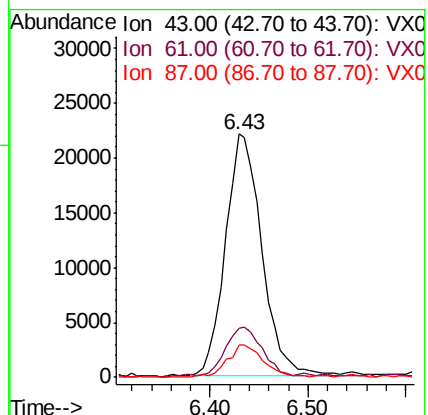
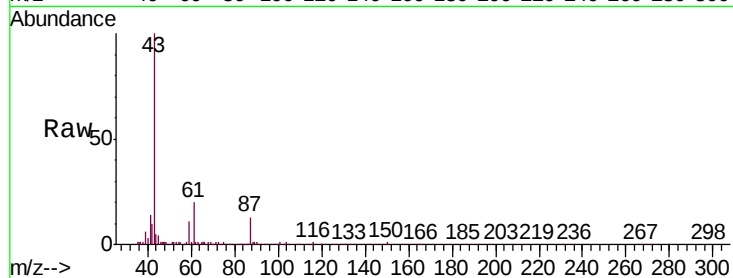
Tgt Ion: 43 Resp: 57163

Ion Ratio Lower Upper

43 100

61 21.8 16.1 24.1

87 13.4 10.6 16.0



#44

Trichloroethene

Concen: 0.211 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015227.D

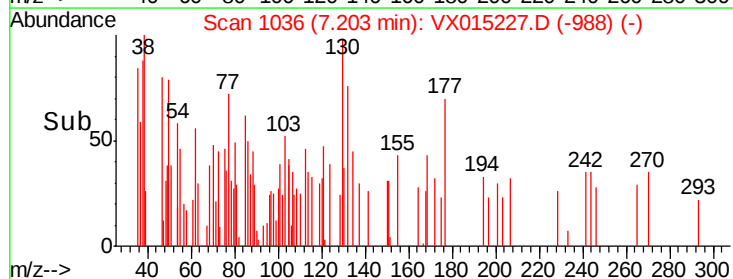
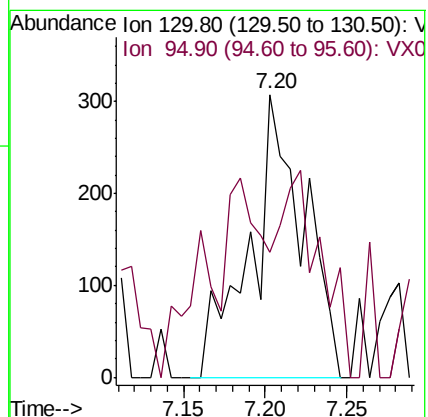
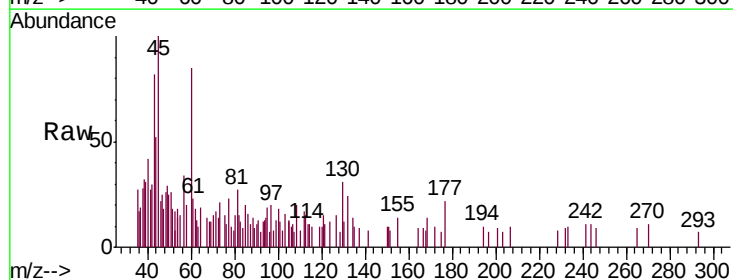
Acq: 12 Mar 2020 11:10

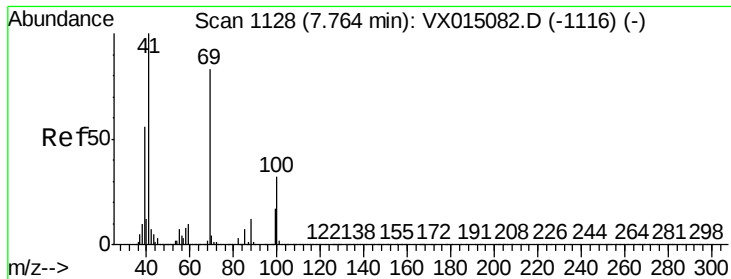
Tgt Ion: 130 Resp: 698

Ion Ratio Lower Upper

130 100

95 18.8 0.0 181.2





#48

Methyl methacrylate

Concen: 14.954 ug/l

RT: 7.86 min Scan# 1144

Delta R.T. 0.10 min

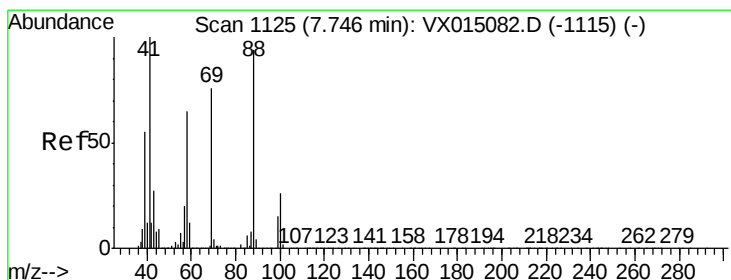
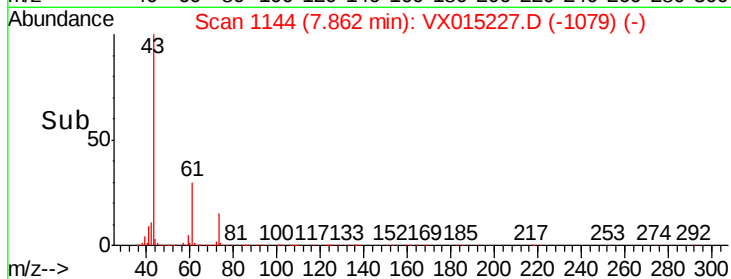
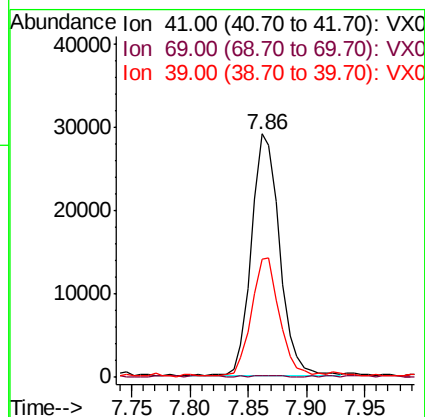
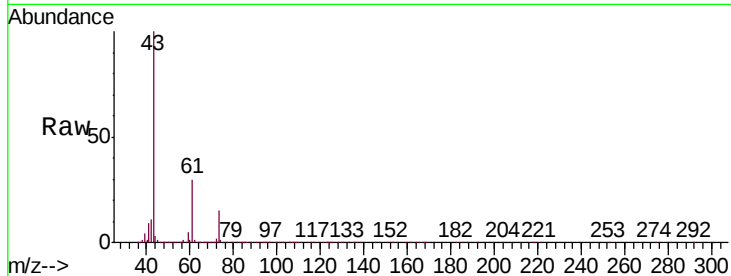
Lab File: VX015227.D

Acq: 12 Mar 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
CB-EC-21-G

Tgt Ion: 41 Resp: 49792

Ion	Ratio	Lower	Upper
41	100		
69	0.6	65.4	98.2#
39	48.4	44.6	67.0



#49

1,4-Dioxane

Concen: 1.820 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015227.D

Acq: 12 Mar 2020 11:10

Tgt Ion: 88 Resp: 131

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.4#
58	0.0	55.6	83.4#

