

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX021518\
 Data File : VX000096.D
 Acq On : 15 Feb 2018 10:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampleID :
 VSTDCCC050

Quant Time: Feb 16 05:02:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	131801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	212206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127527	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	77068	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.51	113	64364	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.73	98	259902	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.15	95	103756	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	66037	48.66	ug/l	99
3) Chloromethane	1.32	50	61697	46.35	ug/l	99
4) Vinyl Chloride	1.40	62	71740	48.38	ug/l	100
5) Bromomethane	1.64	94	62901	53.58	ug/l	99
6) Chloroethane	1.72	64	44458	44.64	ug/l	98
7) Trichlorofluoromethane	1.93	101	121292	45.75	ug/l	100
8) Diethyl Ether	2.19	74	42025	45.93	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68458	46.20	ug/l	98
10) Methyl Iodide	2.51	142	78989	48.66	ug/l	98
11) Tert butyl alcohol	3.07	59	148952	234.84	ug/l	100
12) 1,1-Dichloroethene	2.38	96	62697	45.42	ug/l	96
13) Acrolein	2.29	56	65409	215.90	ug/l	98
14) Allyl chloride	2.73	41	110069	47.63	ug/l	99
15) Acrylonitrile	3.15	53	250751	231.49	ug/l	100
16) Acetone	2.45	43	252266	236.32	ug/l	99
17) Carbon Disulfide	2.57	76	182792	44.98	ug/l	98
18) Methyl Acetate	2.78	43	118455	47.32	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	220543	46.55	ug/l	99
20) Methylene Chloride	2.86	84	65325	48.03	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68756	45.95	ug/l	95
22) Diisopropyl ether	3.88	45	207382	51.37	ug/l	96
23) Vinyl Acetate	3.83	43	985775	262.74	ug/l	100
24) 1,1-Dichloroethane	3.70	63	116121	48.55	ug/l	99
25) 2-Butanone	4.71	43	355187	238.34	ug/l	98
26) 2,2-Dichloropropane	4.59	77	98208	47.23	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	66785	46.85	ug/l	97
28) Bromochloromethane	5.03	49	51493	48.01	ug/l	96
29) Tetrahydrofuran	5.17	42	231165	238.21	ug/l	99
30) Chloroform	5.23	83	118411	47.04	ug/l	97
31) Cyclohexane	5.59	56	99681	48.47	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	112146	48.41	ug/l	100
36) 1,1-Dichloropropene	5.81	75	92064	48.35	ug/l	99
37) Ethyl Acetate	4.87	43	122540	46.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	101255	49.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	116020	50.60	ug/l	98
40) Benzene	6.15	78	260738	47.92	ug/l	100
41) Methacrylonitrile	5.07	41	62649	49.89	ug/l	98
42) 1,2-Dichloroethane	6.21	62	96750	48.46	ug/l	100
43) Isopropyl Acetate	6.48	43	182053	48.25	ug/l	100
44) Trichloroethene	7.22	130	79235	49.45	ug/l	97
45) 1,2-Dichloropropane	7.53	63	64776	48.58	ug/l	99
46) Dibromomethane	7.67	93	50803	48.83	ug/l	99
47) Bromodichloromethane	7.91	83	96726	50.33	ug/l	98
48) Methyl methacrylate	7.79	41	89264	48.27	ug/l	100
49) 1,4-Dioxane	7.77	88	48318	996.41	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	685855	248.70	ug/l	100
52) Toluene	8.79	92	183177	50.40	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	114570	50.69	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	114307	50.94	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	74363	49.47	ug/l	96
56) Ethyl methacrylate	9.19	69	119291	51.71	ug/l	99
57) 1,3-Dichloropropane	9.38	76	119185	49.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	280530	240.61	ug/l	99
59) 2-Hexanone	9.51	43	596252	255.36	ug/l	100
60) Dibromochloromethane	9.59	129	87130	51.17	ug/l	96
61) 1,2-Dibromoethane	9.68	107	84895	50.89	ug/l	100
64) Tetrachloroethene	9.34	164	77311	49.93	ug/l	98
65) Chlorobenzene	10.15	112	219331	48.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	78599	50.05	ug/l	98
67) Ethyl Benzene	10.26	91	370692	49.20	ug/l	98
68) m/p-Xylenes	10.37	106	299379	100.34	ug/l	99
69) o-Xylene	10.71	106	142245	49.43	ug/l	98
70) Styrene	10.72	104	239906	50.99	ug/l	100
71) Bromoform	10.87	173	74994	52.58	ug/l #	100
73) Isopropylbenzene	11.02	105	387457	47.94	ug/l	100
74) N-amyl acetate	6.48	43	182053	44.59	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	130104	46.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	167557	63.43	ug/l	80
77) Bromobenzene	11.26	156	105332	48.09	ug/l	99
78) n-propylbenzene	11.37	91	458880	48.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	260721	47.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	336107	49.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	46900	50.56	ug/l	100
82) 4-Chlorotoluene	11.52	91	314545	47.69	ug/l	99
83) tert-Butylbenzene	11.78	119	331958	48.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	347533	48.99	ug/l	100
85) sec-Butylbenzene	11.96	105	414392	48.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	379127	49.51	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	202738	48.24	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	207528	47.80	ug/l	100
89) n-Butylbenzene	12.40	91	356508	49.37	ug/l	99
90) Hexachloroethane	12.60	117	62845	50.41	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	197814	47.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39791	50.93	ug/l	98

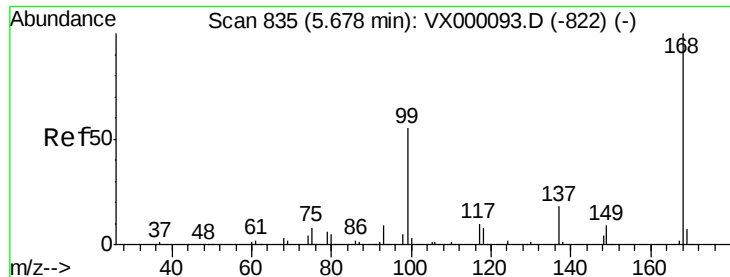
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	152393	49.11	ug/l	100
94) Hexachlorobutadiene	13.79	225	68403	50.52	ug/l	97
95) Naphthalene	13.85	128	511181	48.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	147678	48.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

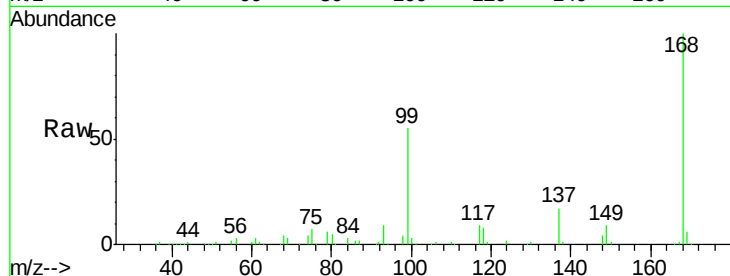
Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion:168 Resp: 131801

Ion Ratio Lower Upper

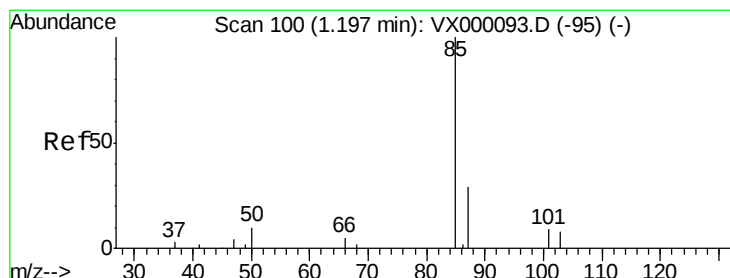
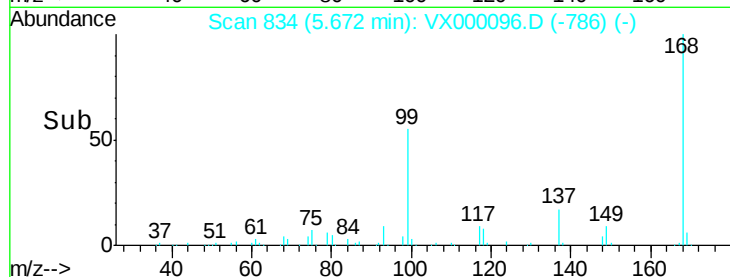
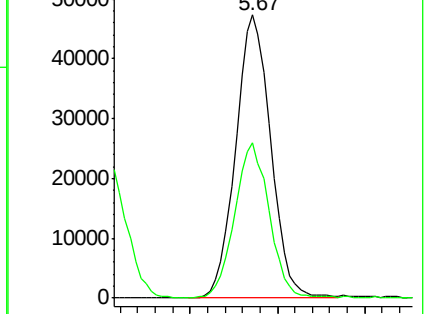
168 100

99 54.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.66 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000096.D

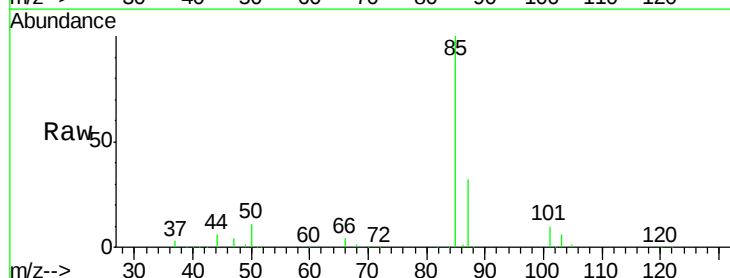
Acq: 15 Feb 2018 10:48

Tgt Ion: 85 Resp: 66037

Ion Ratio Lower Upper

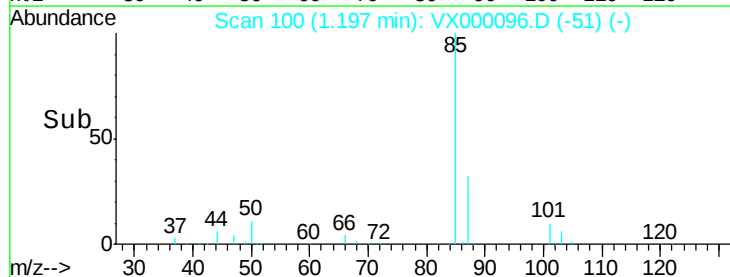
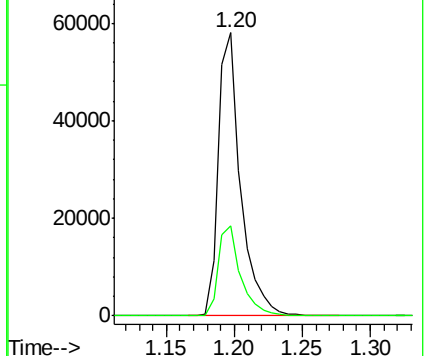
85 100

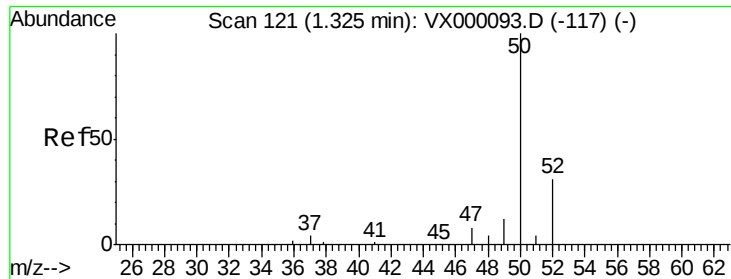
87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.35 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

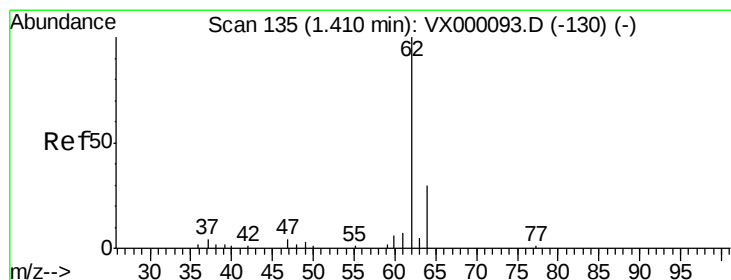
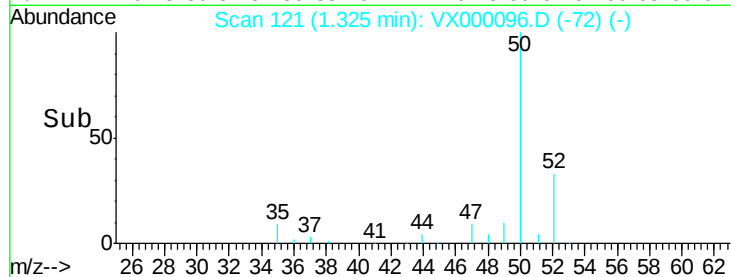
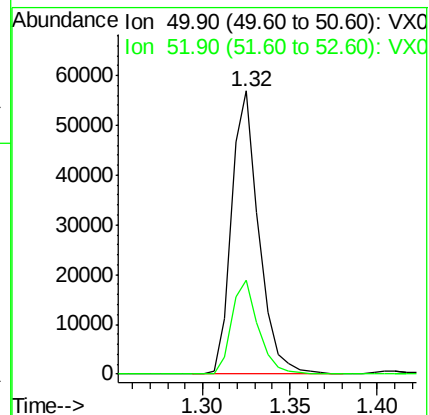
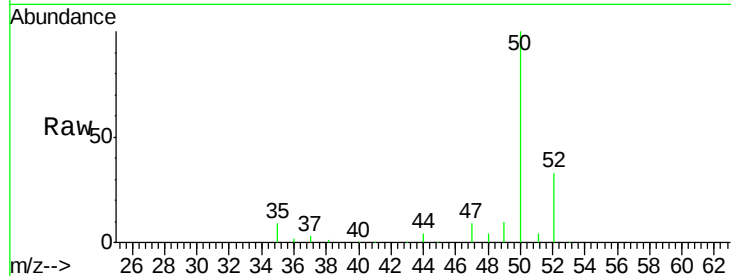
Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 61697

Ion Ratio Lower Upper

50 100

52 33.2 25.9 38.9



#4

Vinyl Chloride

Concen: 48.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000096.D

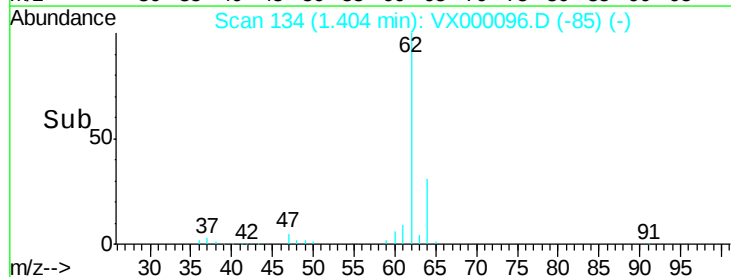
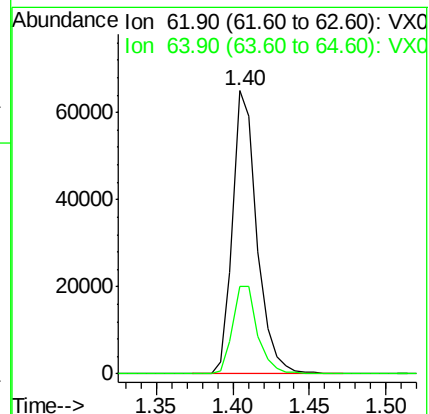
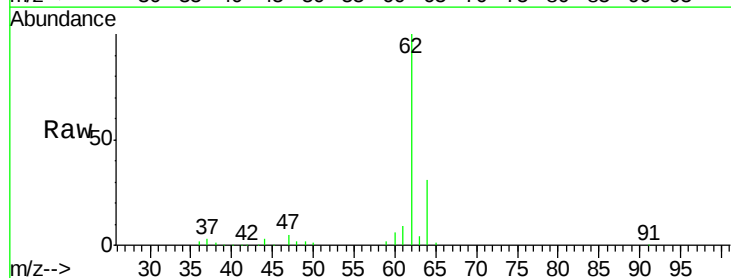
Acq: 15 Feb 2018 10:48

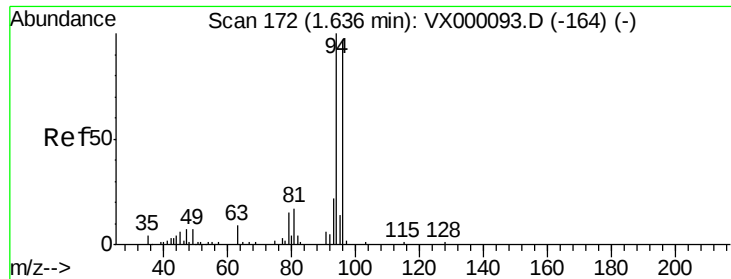
Tgt Ion: 62 Resp: 71740

Ion Ratio Lower Upper

62 100

64 30.9 24.6 37.0





#5

Bromomethane

Concen: 53.58 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

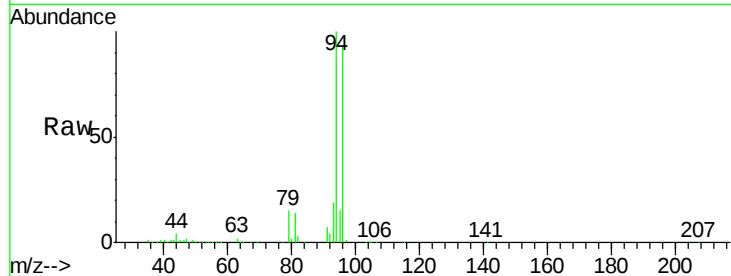
Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion: 94 Resp: 62901

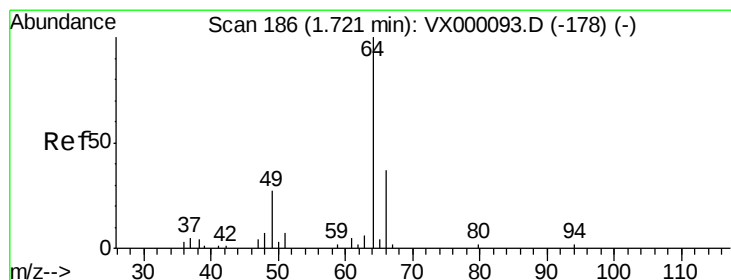
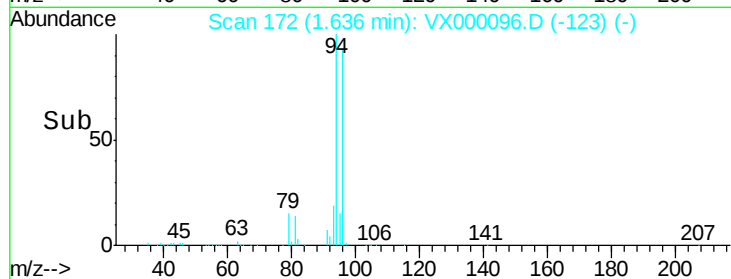
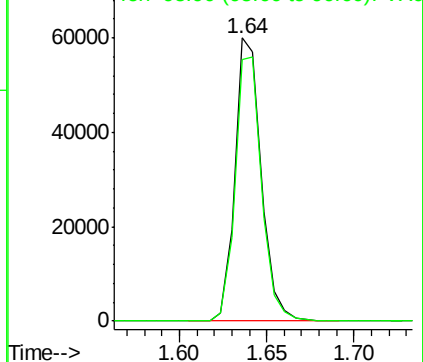
Ion Ratio Lower Upper

94 100

96 92.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000096.D

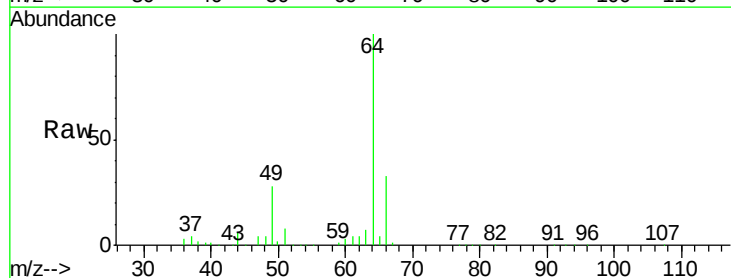
Acq: 15 Feb 2018 10:48

Tgt Ion: 64 Resp: 44458

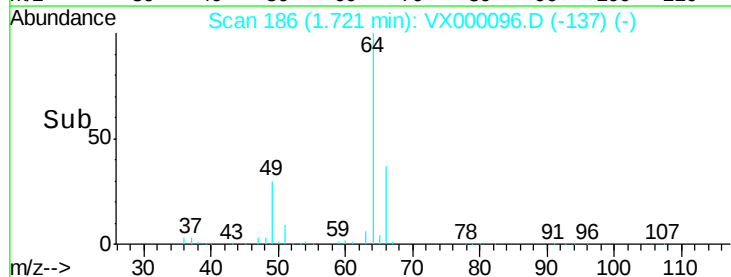
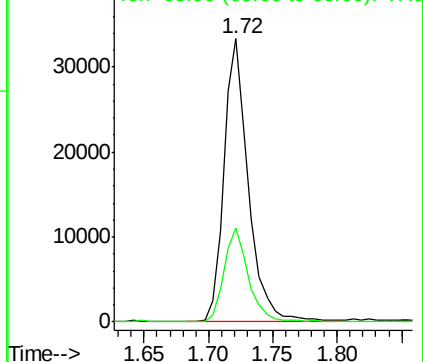
Ion Ratio Lower Upper

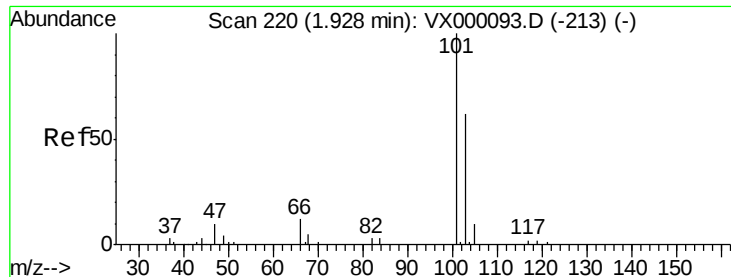
64 100

66 33.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



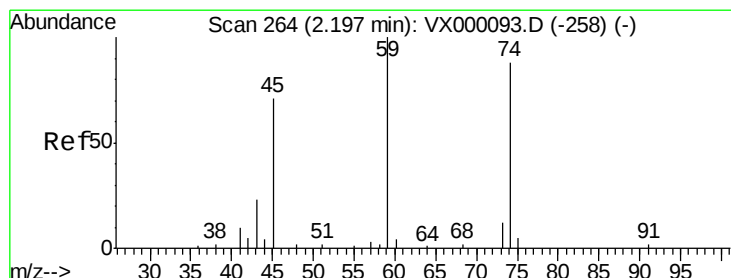
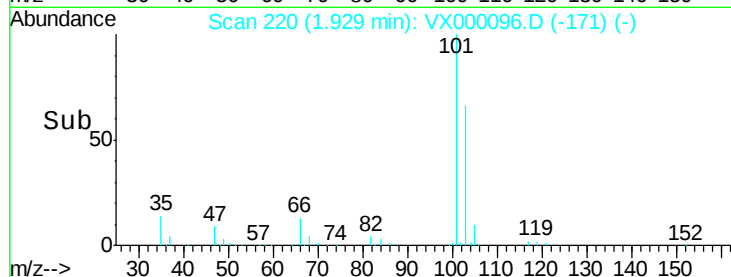
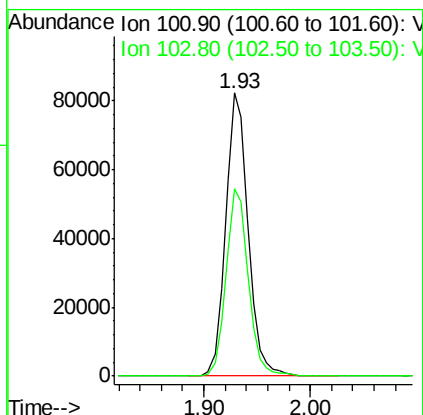
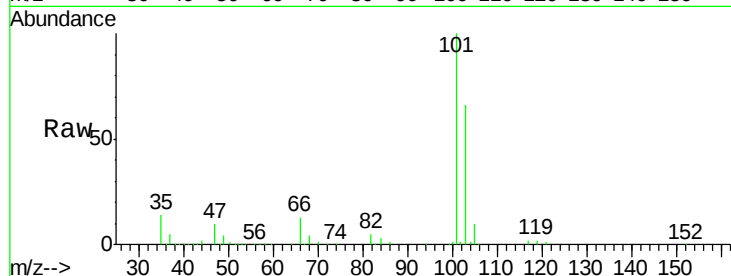


#7

Trichlorofluoromethane
 Concen: 45.75 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampleId :
 VSTDCCC050

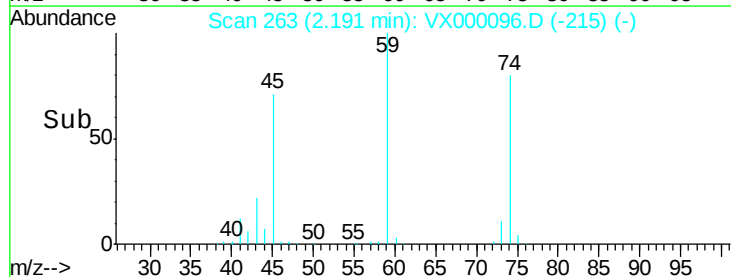
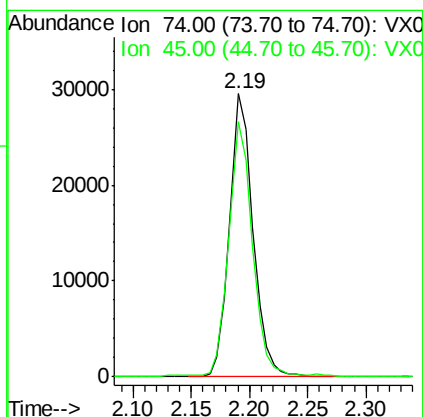
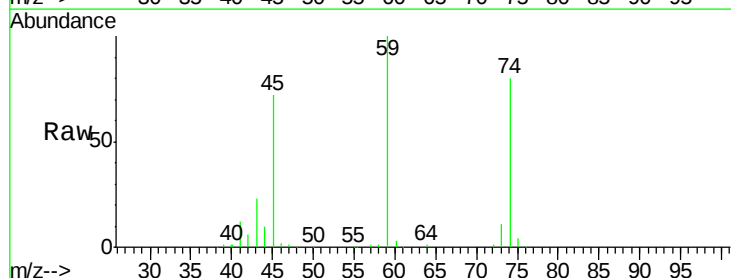
Tgt Ion:101 Resp: 121292
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.7 79.1

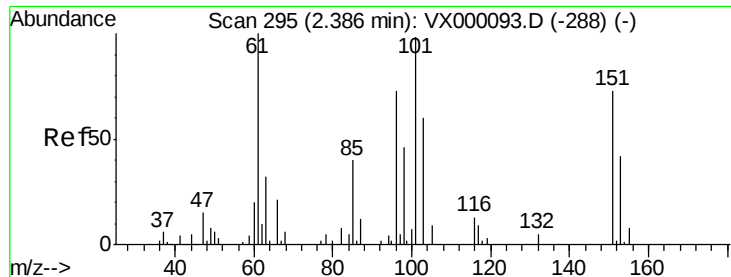


#8

Diethyl Ether
 Concen: 45.93 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 74 Resp: 42025
 Ion Ratio Lower Upper
 74 100
 45 91.4 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.20 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

VSTDCCC050

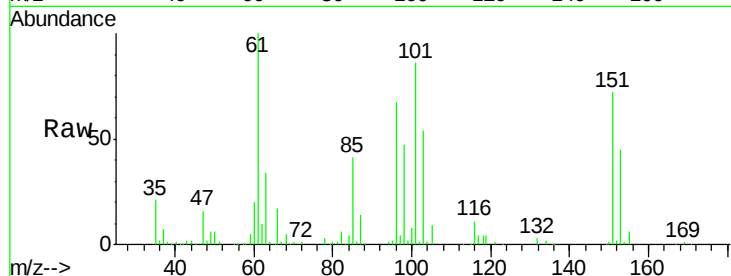
Tgt Ion:101 Resp: 68458

Ion Ratio Lower Upper

101 100

85 47.1 36.7 55.1

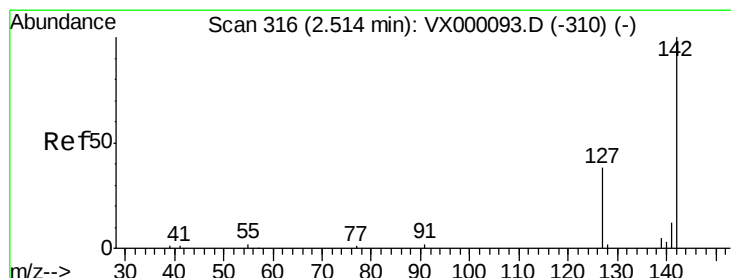
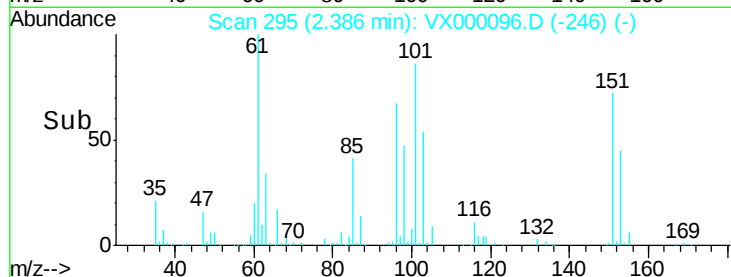
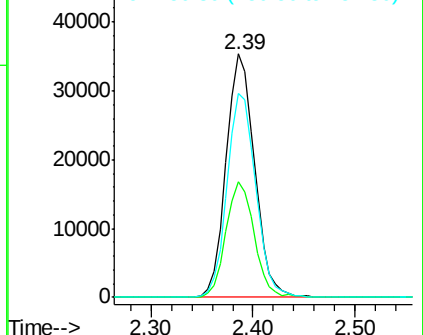
151 84.2 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.66 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

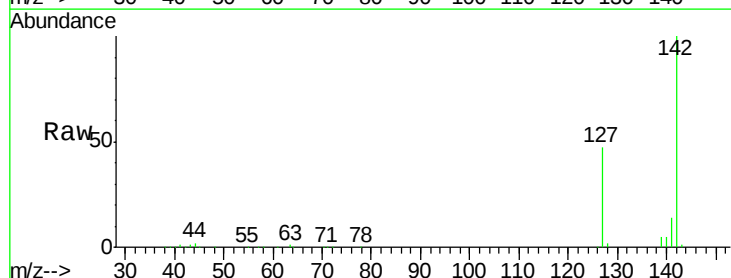
Tgt Ion:142 Resp: 78989

Ion Ratio Lower Upper

142 100

127 47.6 36.8 55.2

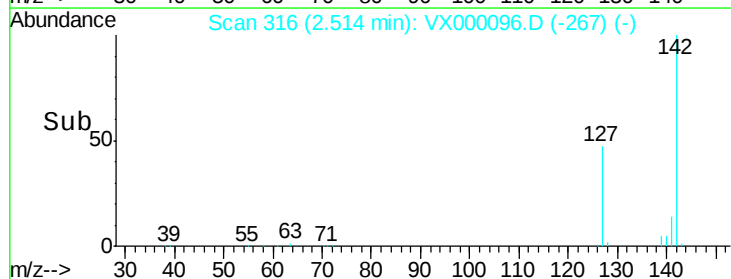
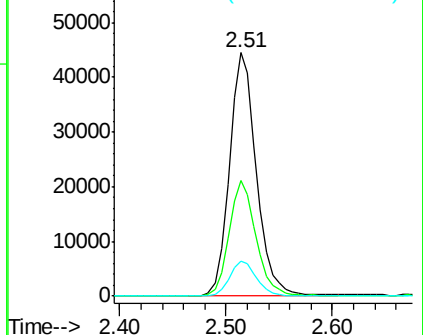
141 14.3 11.6 17.4

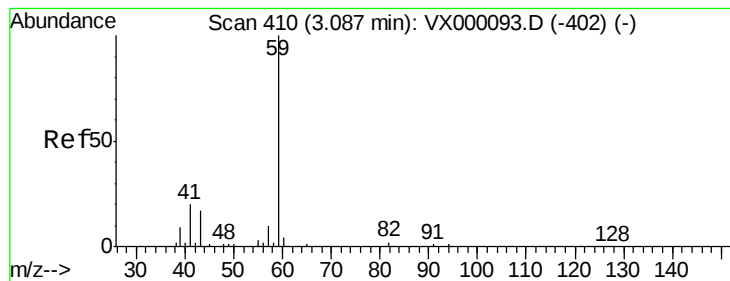


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



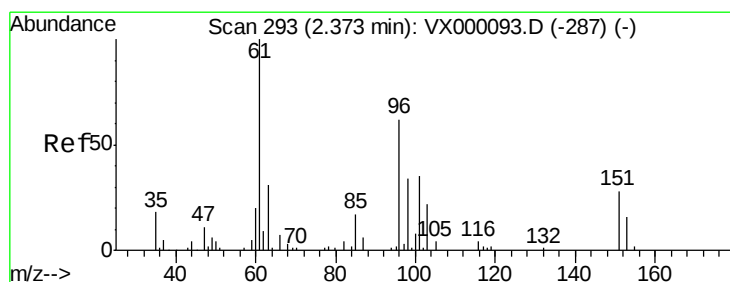
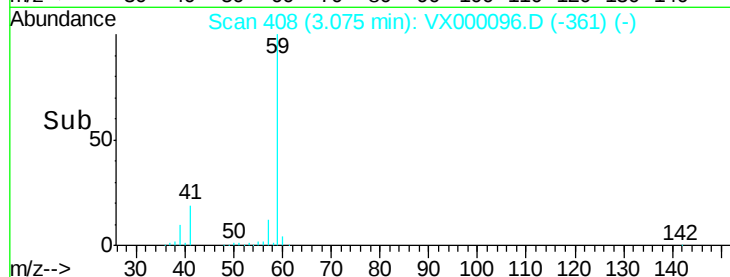
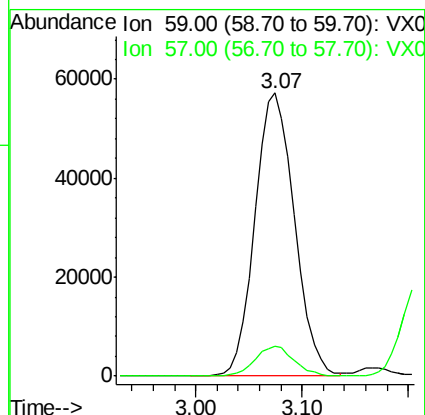
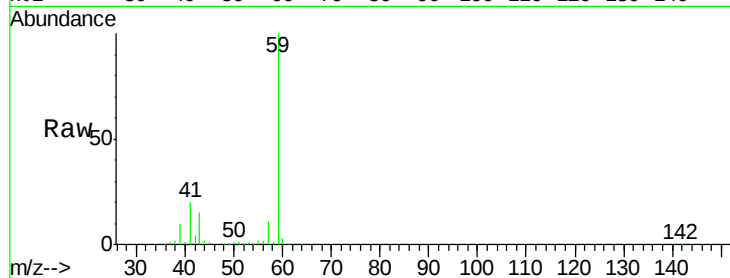


#11

Tert butyl alcohol
Concen: 234.84 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

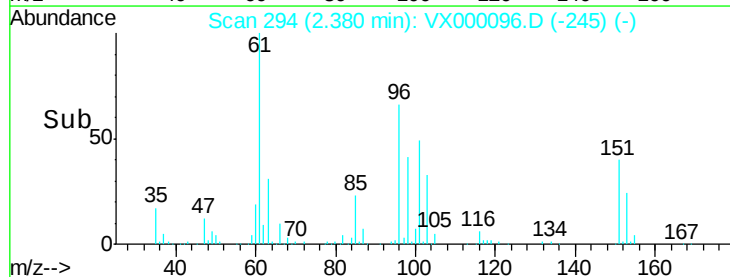
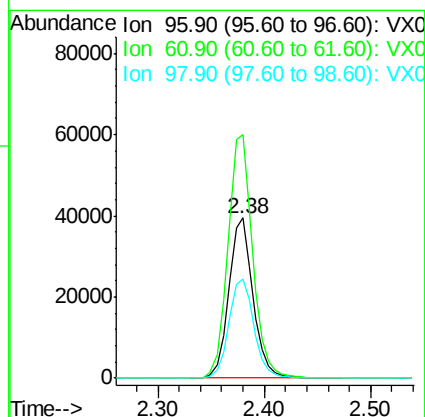
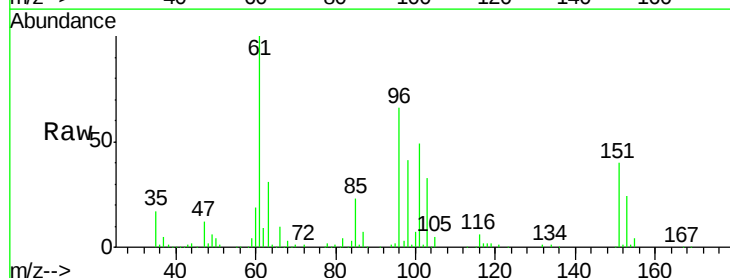
Tgt Ion: 59 Resp: 148952
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

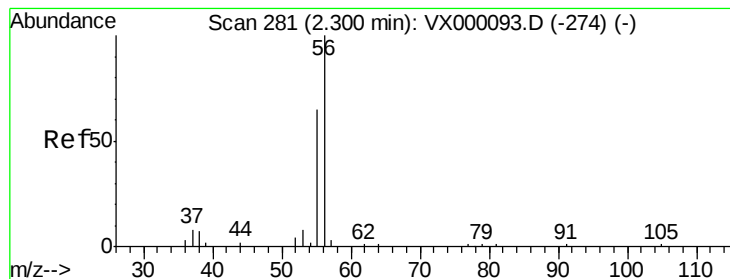


#12

1,1-Dichloroethene
Concen: 45.42 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 96 Resp: 62697
Ion Ratio Lower Upper
96 100
61 152.0 117.7 176.5
98 62.0 51.3 76.9





#13

Acrolein

Concen: 215.90 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

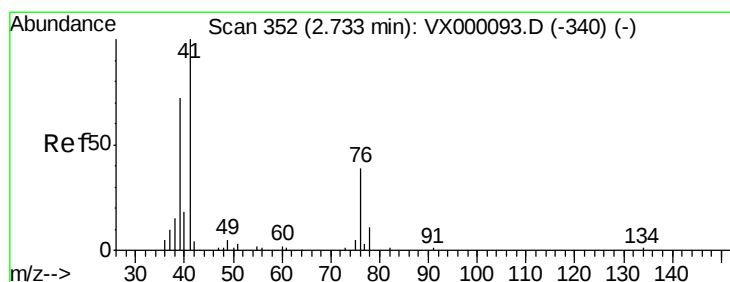
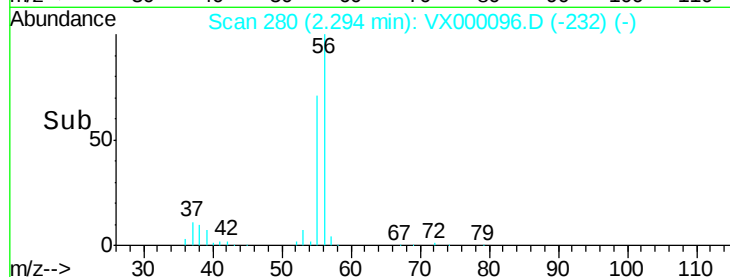
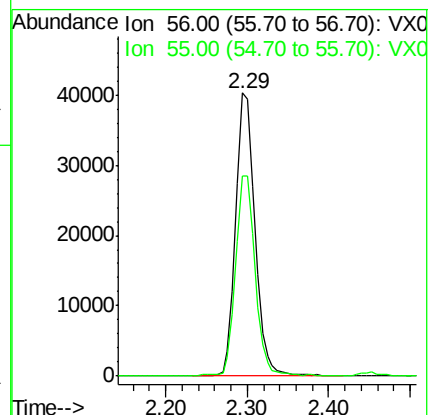
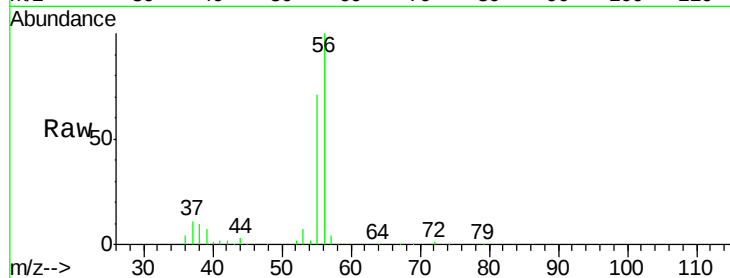
Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion: 56 Resp: 65409

Ion Ratio Lower Upper

56 100

55 71.8 56.2 84.4



#14

Allyl chloride

Concen: 47.63 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

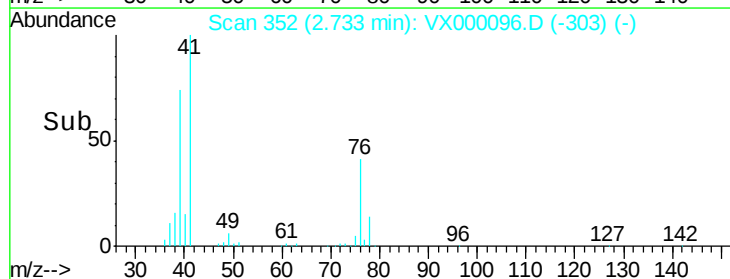
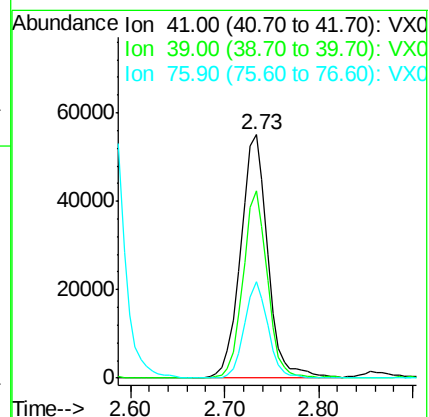
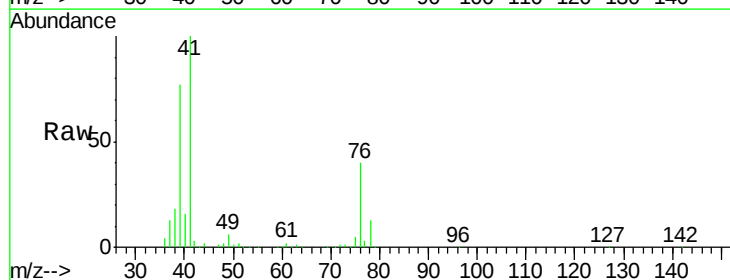
Tgt Ion: 41 Resp: 110069

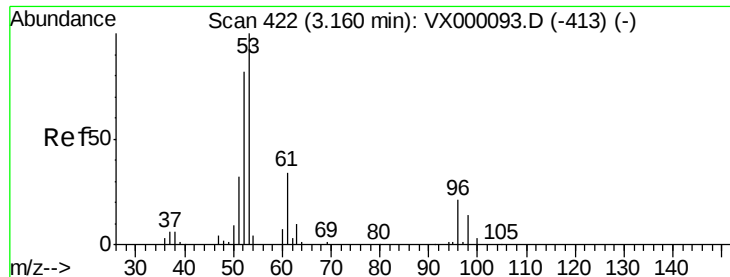
Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

76 34.2 28.5 42.7





#15

Acrylonitrile

Concen: 231.49 ug/l

RT: 3.15 min Scan# 421

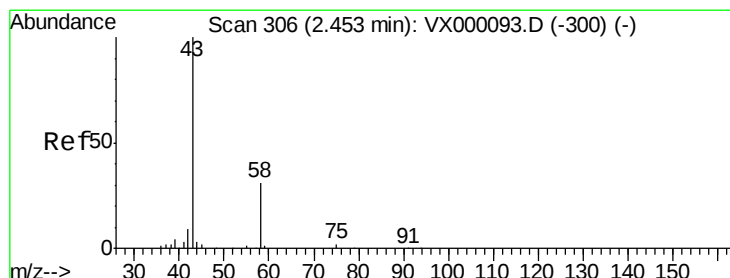
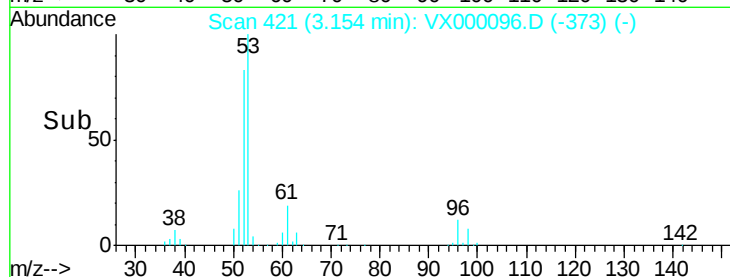
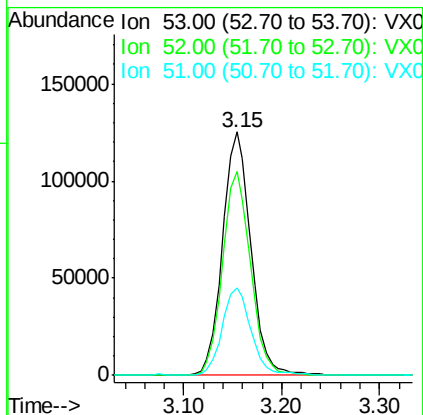
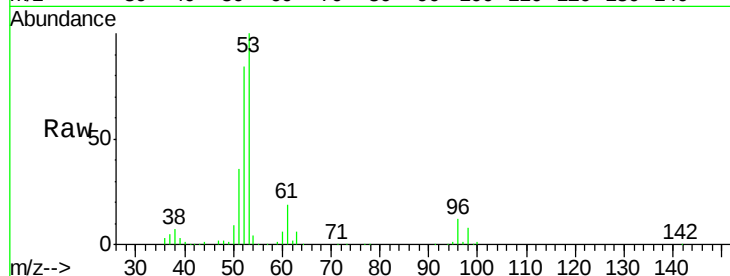
Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion:	53	Resp:	250751
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.5	99.7
51	36.8	29.0	43.6



#16

Acetone

Concen: 236.32 ug/l

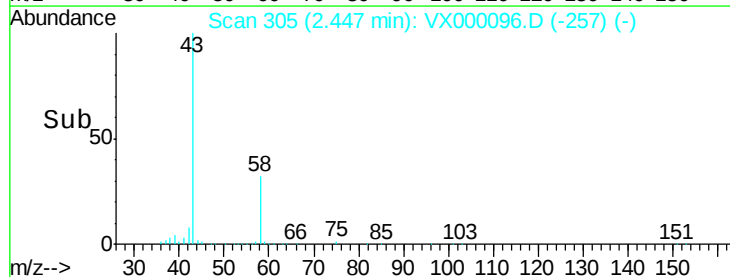
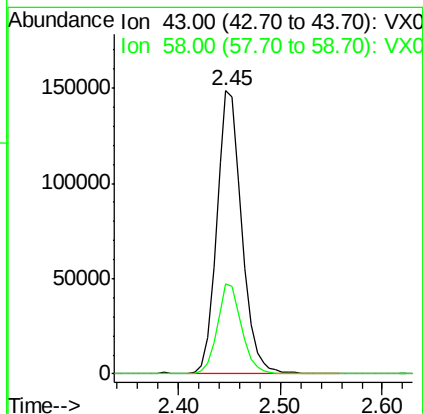
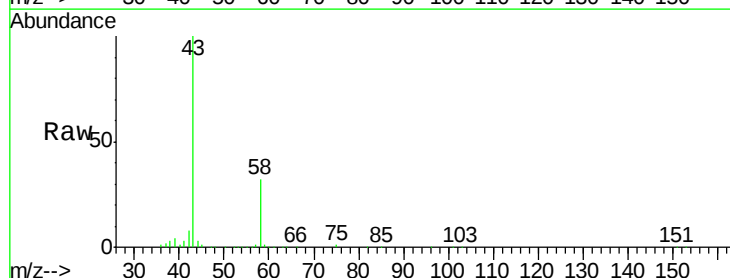
RT: 2.45 min Scan# 305

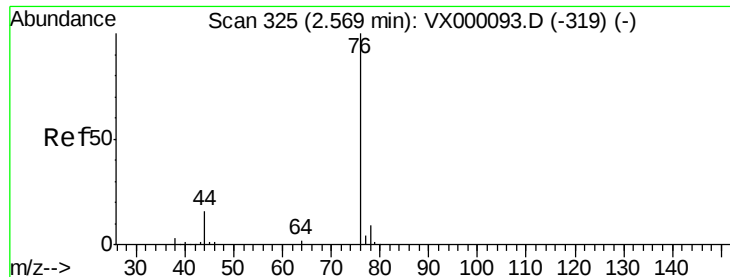
Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion:	43	Resp:	252266
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.0	37.4

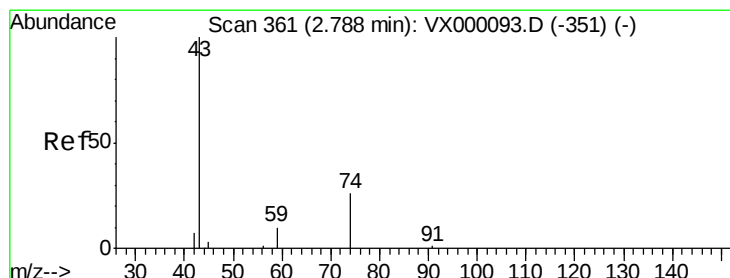
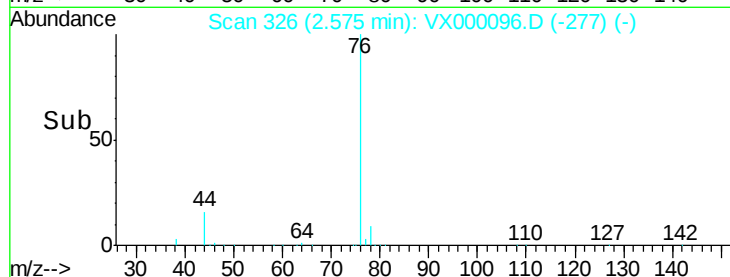
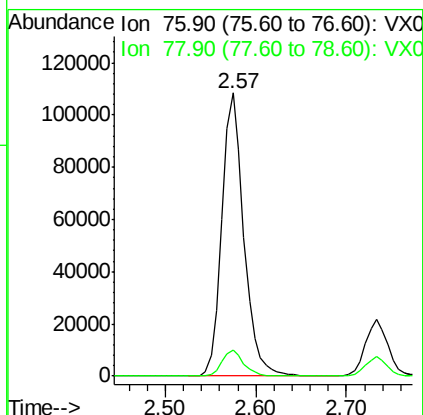
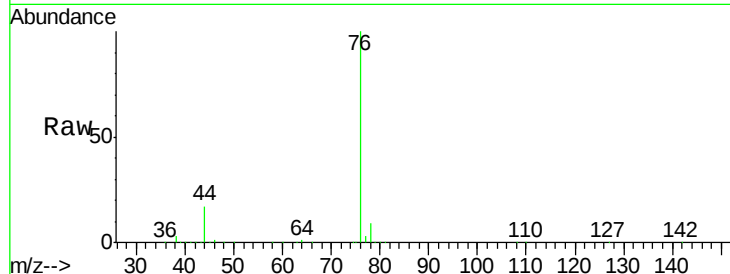




#17
Carbon Disulfide
Concen: 44.98 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

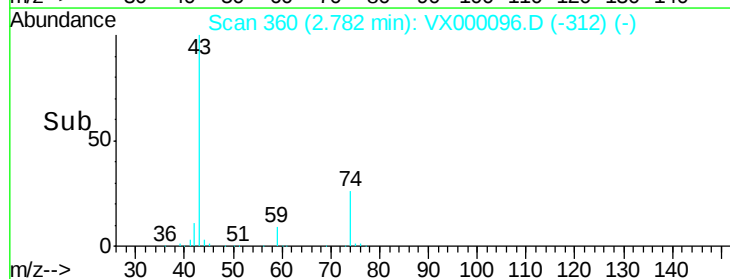
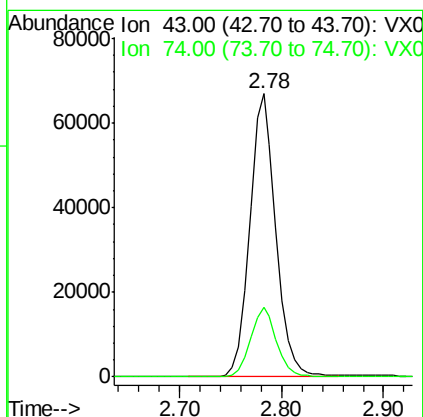
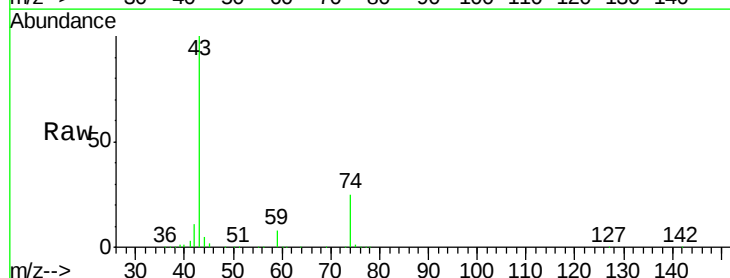
Instrument :
ClientSampleId :
VSTDCCC050

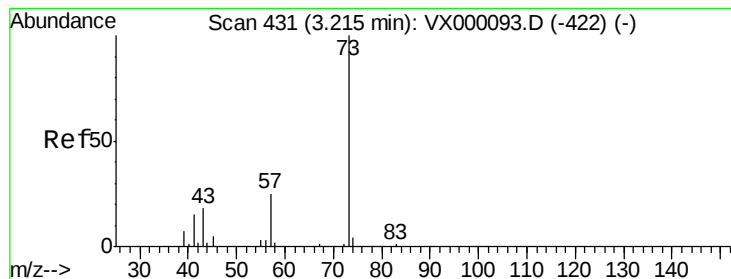
Tgt Ion: 76 Resp: 182792
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8



#18
Methyl Acetate
Concen: 47.32 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 43 Resp: 118455
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 46.55 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

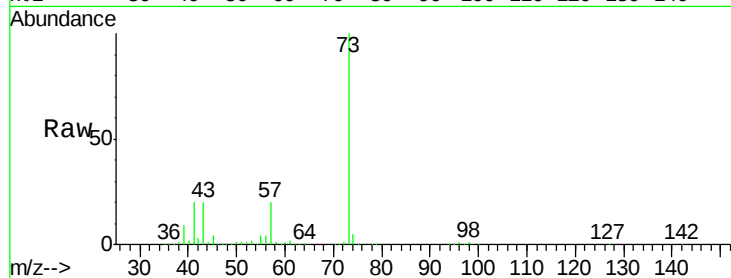
VSTDCCC050

Tgt Ion: 73 Resp: 220543

Ion Ratio Lower Upper

73 100

57 20.2 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

100000

80000

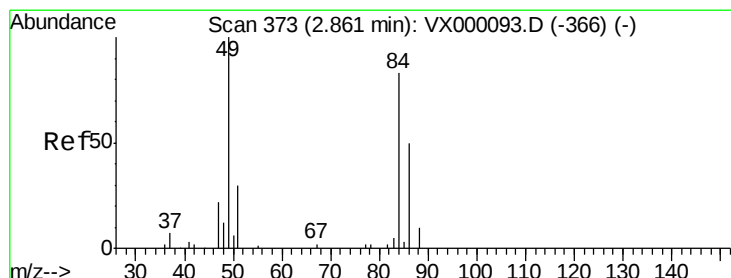
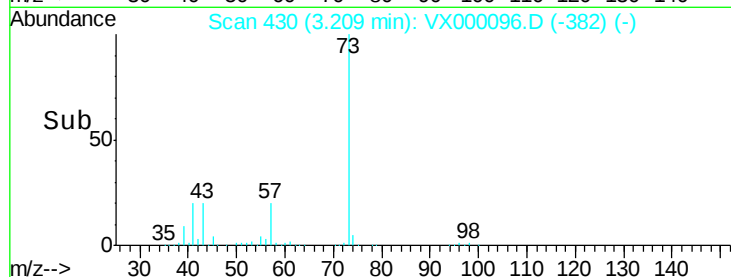
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 48.03 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion: 84 Resp: 65325

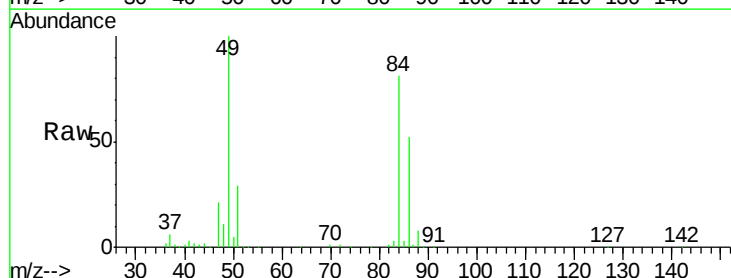
Ion Ratio Lower Upper

84 100

49 123.1 96.1 144.1

51 35.9 30.5 45.7

86 63.7 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

50000

40000

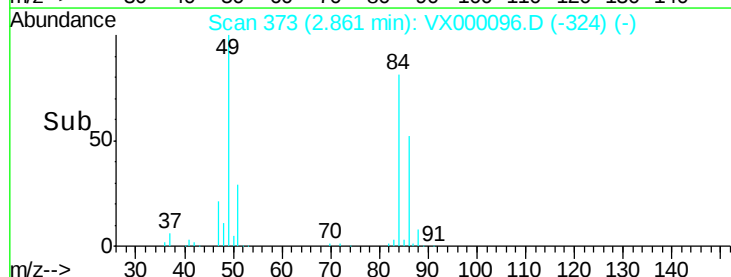
30000

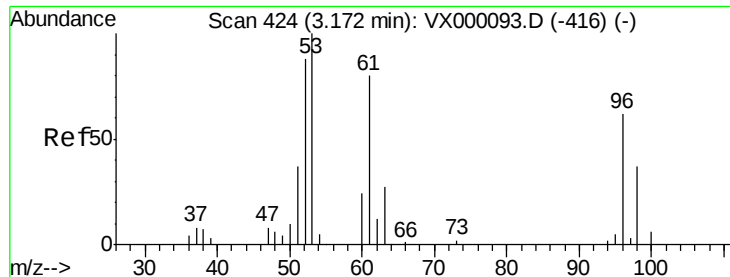
20000

10000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 45.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

VSTDCCC050

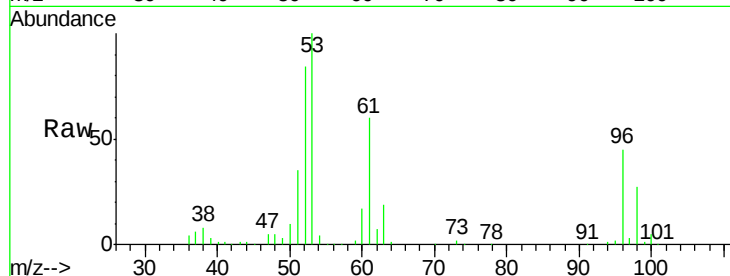
Tgt Ion: 96 Resp: 68756

Ion Ratio Lower Upper

96 100

61 132.0 100.3 150.5

98 59.8 50.6 75.8

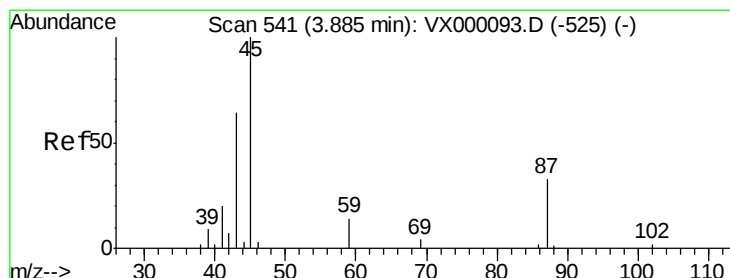
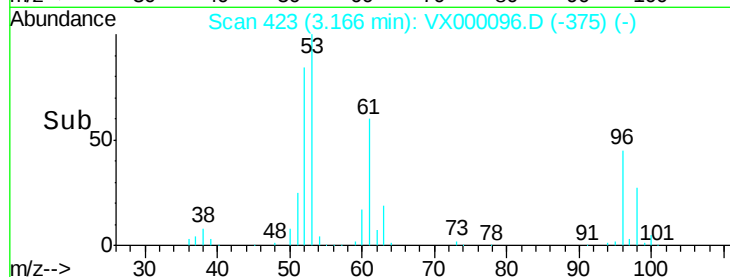
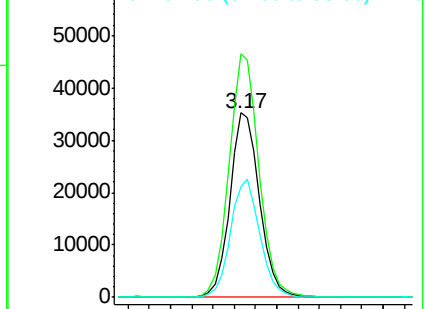


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.37 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion: 45 Resp: 207382

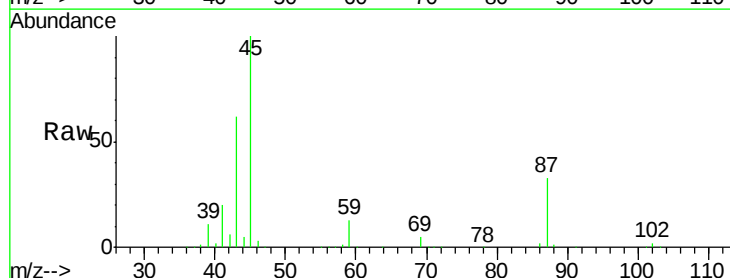
Ion Ratio Lower Upper

45 100

43 61.4 47.4 71.2

87 33.2 24.2 36.2

59 12.6 9.2 13.8



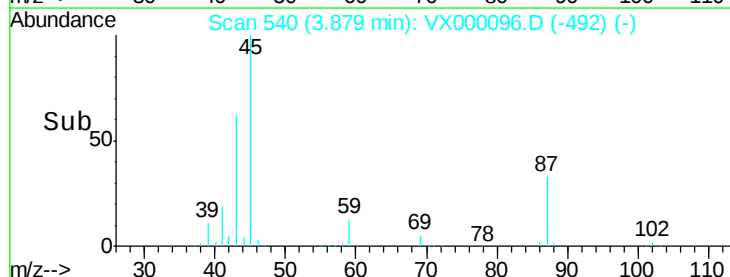
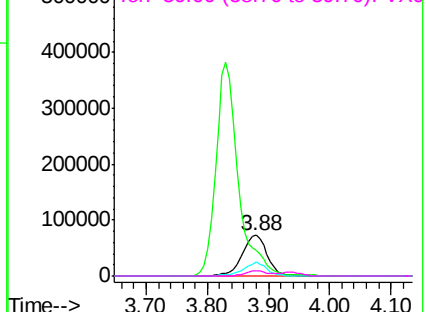
Abundance

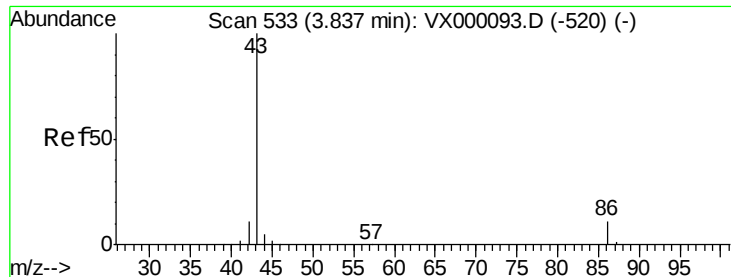
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.74 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

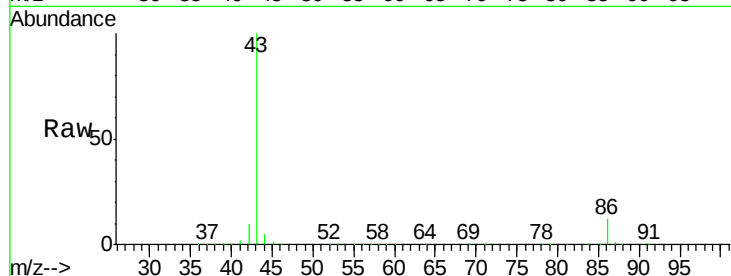
VSTDCCC050

Tgt Ion: 43 Resp: 985775

Ion Ratio Lower Upper

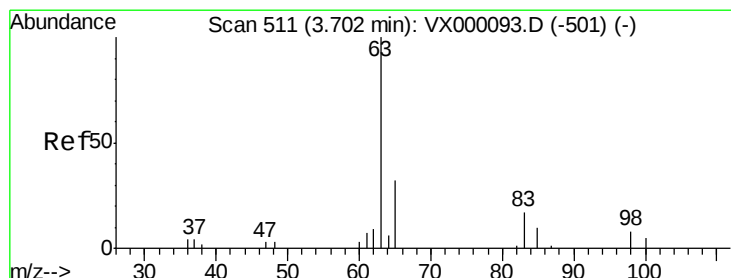
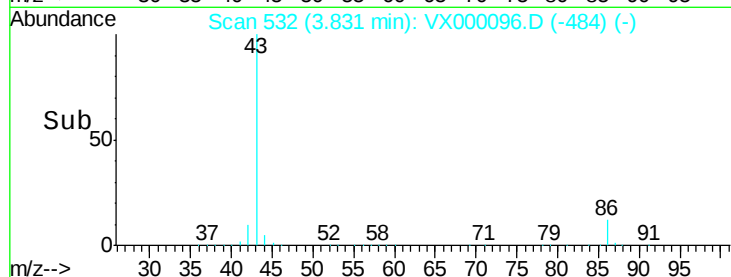
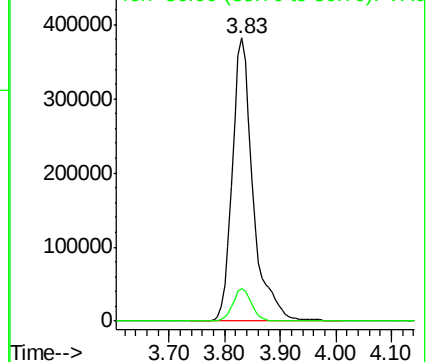
43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.55 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

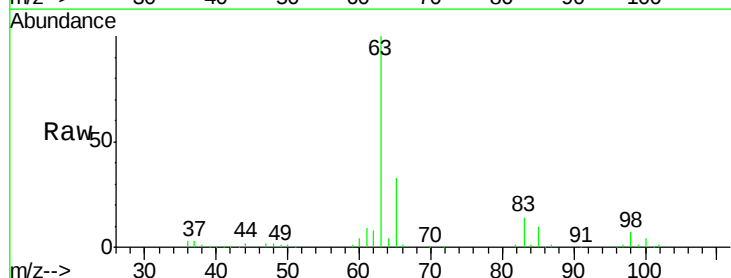
Tgt Ion: 63 Resp: 116121

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

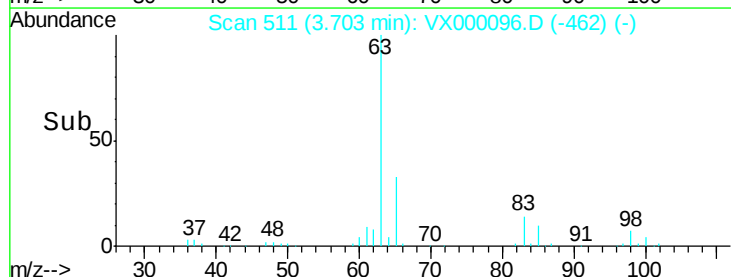
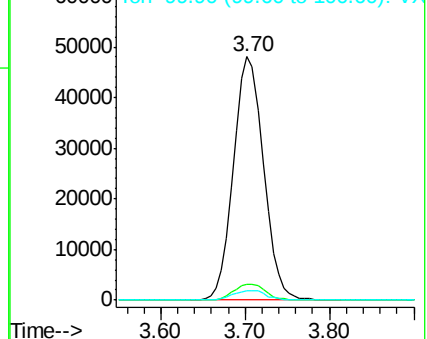
100 4.0 2.4 7.1

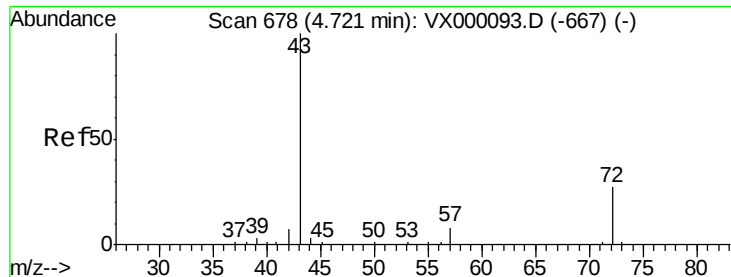


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 238.34 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

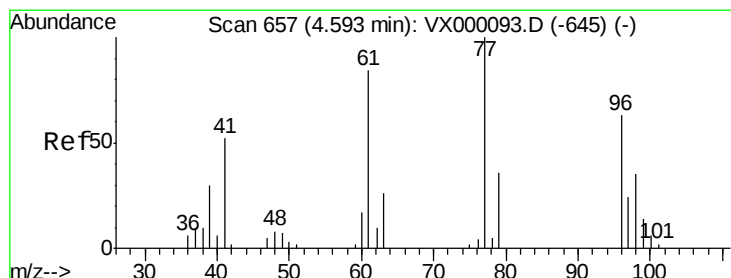
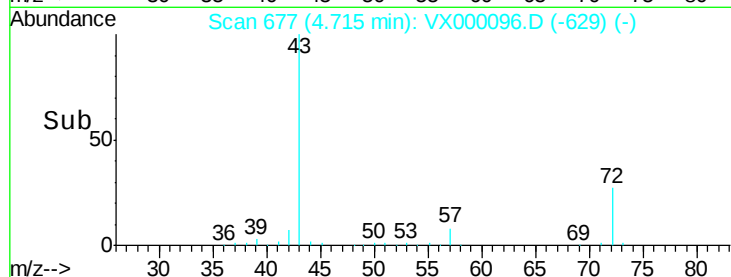
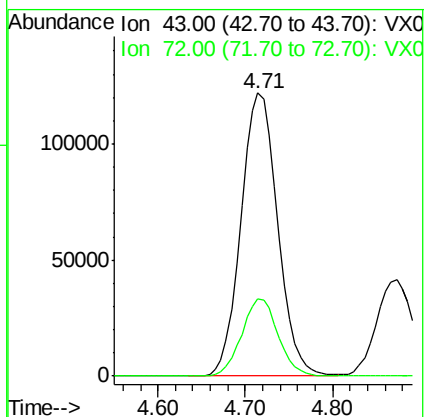
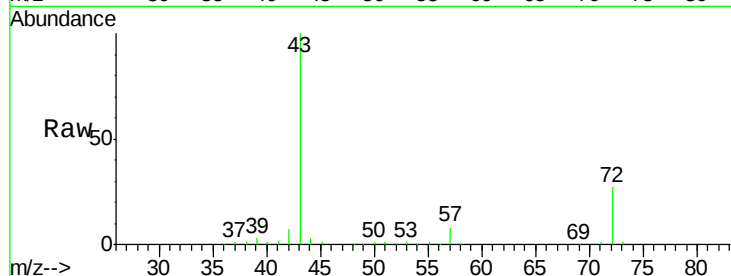
Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 355187

Ion Ratio Lower Upper

43 100

72 27.4 21.3 31.9



#26

2,2-Dichloropropane

Concen: 47.23 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000096.D

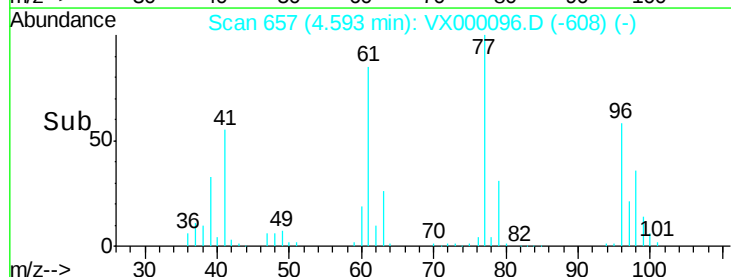
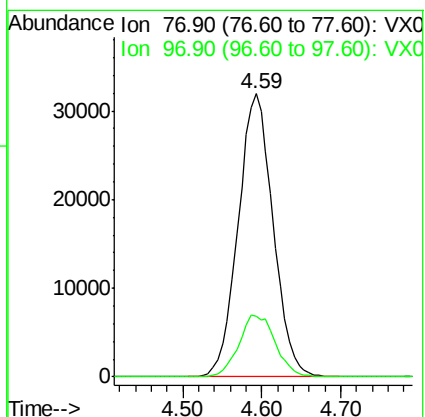
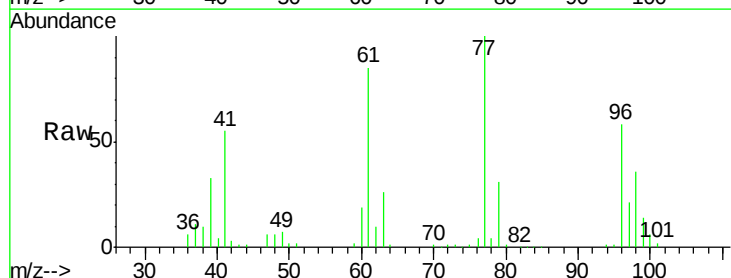
Acq: 15 Feb 2018 10:48

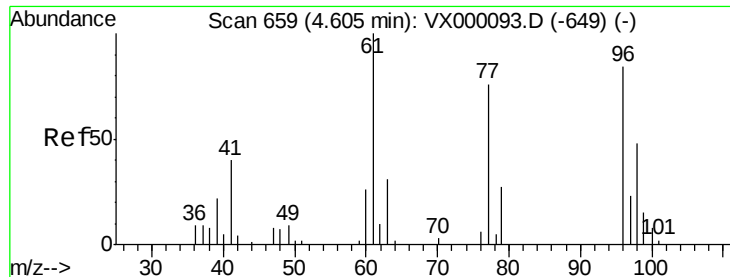
Tgt Ion: 77 Resp: 98208

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2



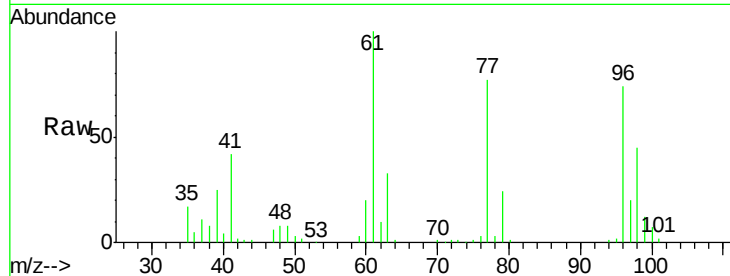


#27

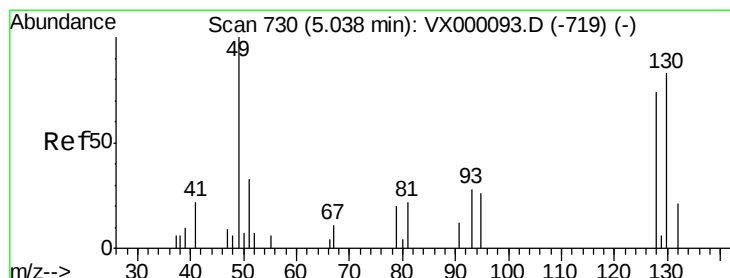
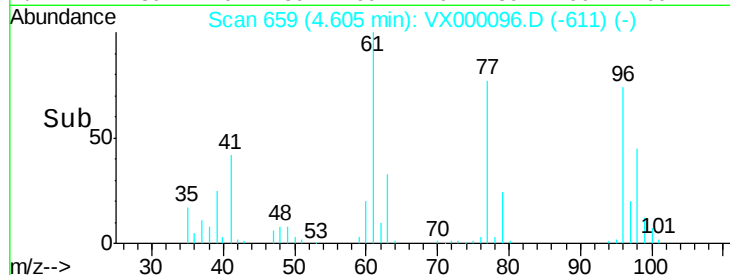
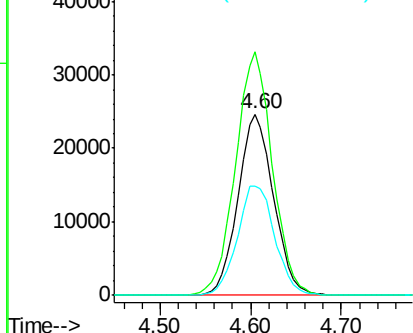
cis-1,2-Dichloroethene
Concen: 46.85 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion: 96 Resp: 66785
Ion Ratio Lower Upper
96 100
61 139.7 0.0 285.6
98 63.8 0.0 131.8



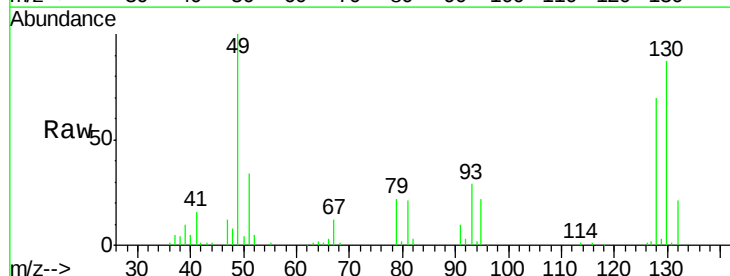
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



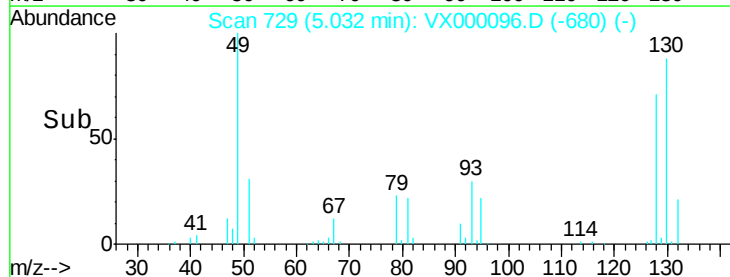
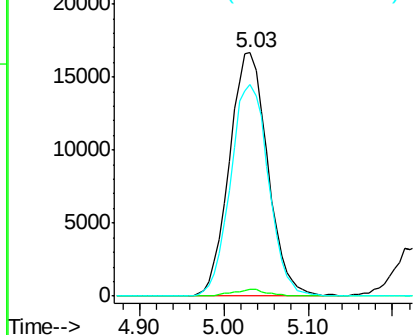
#28

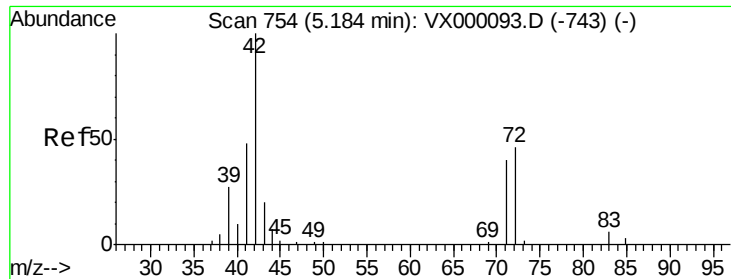
Bromochloromethane
Concen: 48.01 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 49 Resp: 51493
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 86.2 71.9 107.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

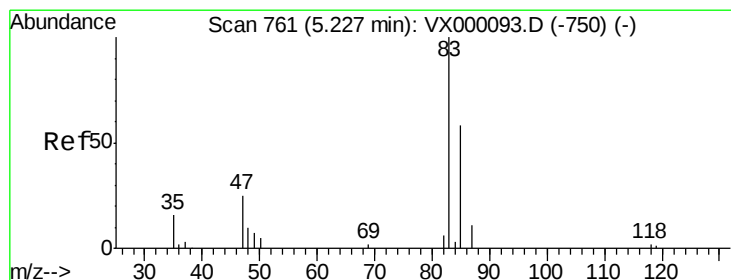
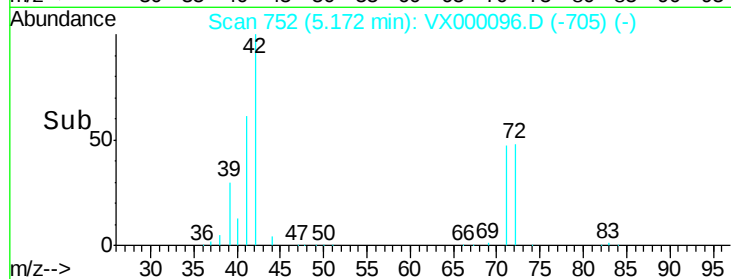
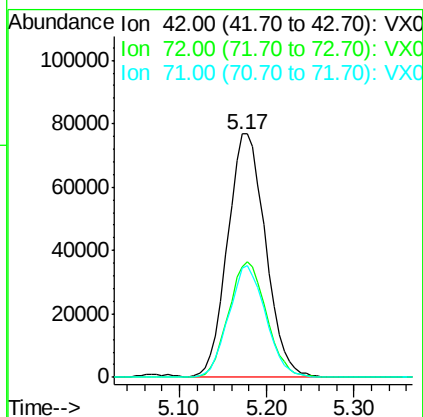
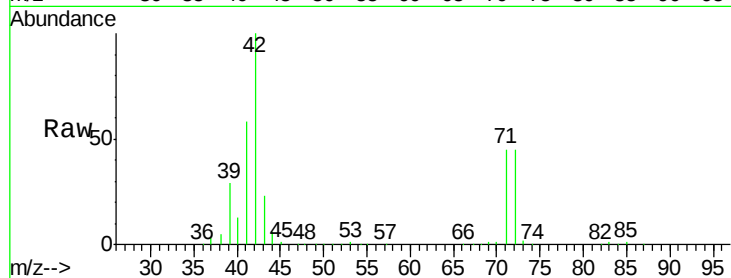




#29
Tetrahydrofuran
Concen: 238.21 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

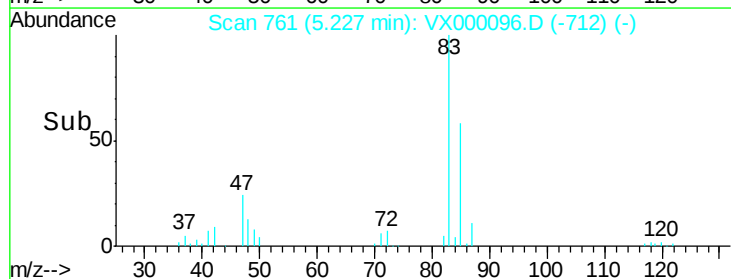
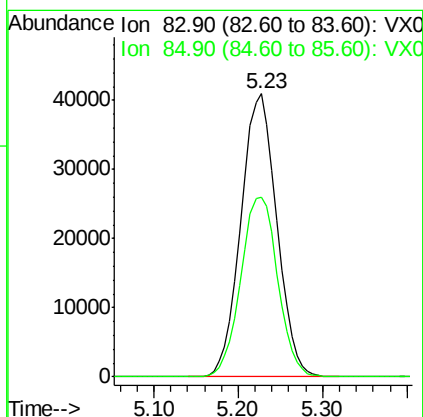
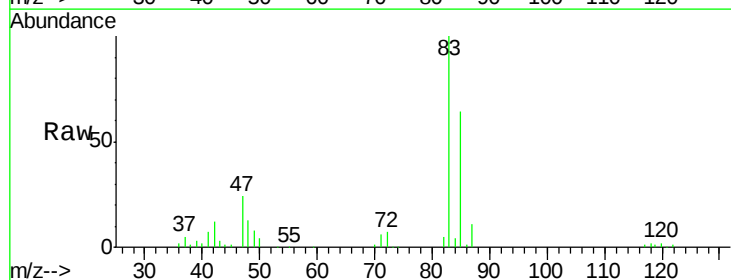
Instrument :
ClientSampleId :
VSTDCCC050

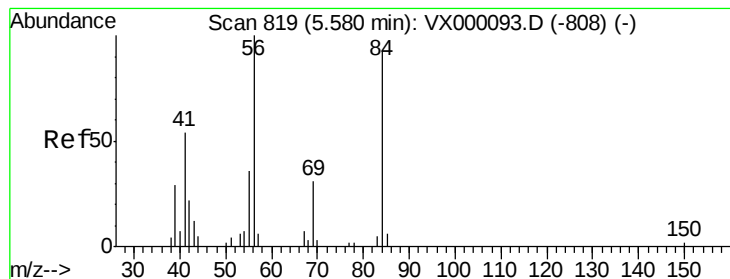
Tgt Ion: 42 Resp: 231165
Ion Ratio Lower Upper
42 100
72 47.6 38.6 58.0
71 44.8 36.2 54.4



#30
Chloroform
Concen: 47.04 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 83 Resp: 118411
Ion Ratio Lower Upper
83 100
85 63.7 52.7 79.1





#31

Cyclohexane

Concen: 48.47 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

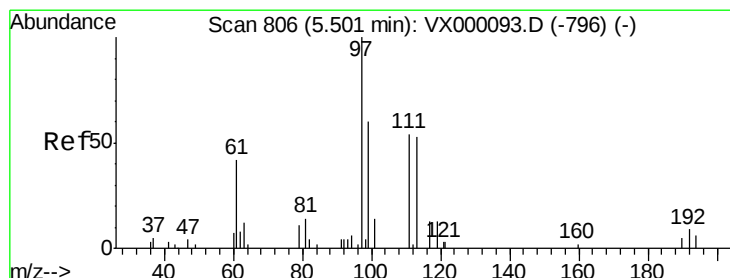
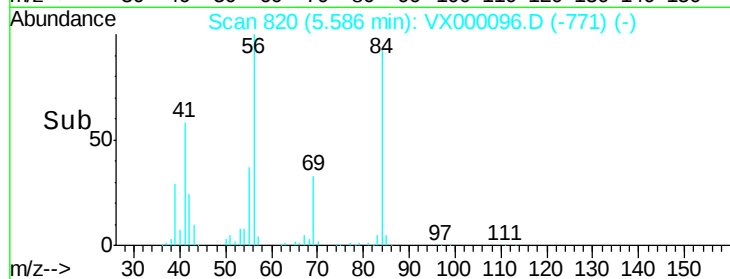
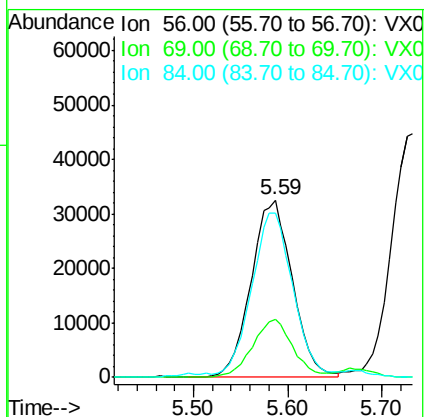
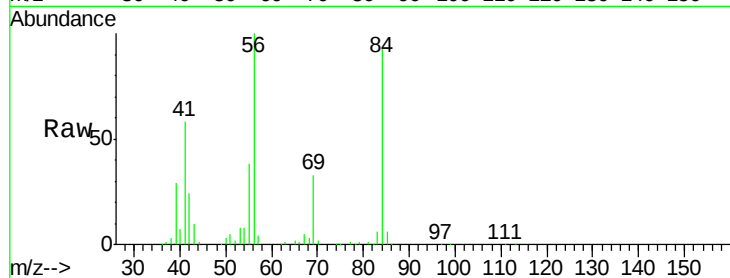
Tgt Ion: 56 Resp: 99681

Ion Ratio Lower Upper

56 100

69 33.1 24.9 37.3

84 90.5 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 48.41 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

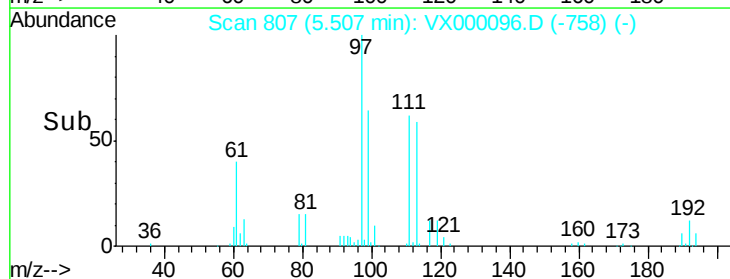
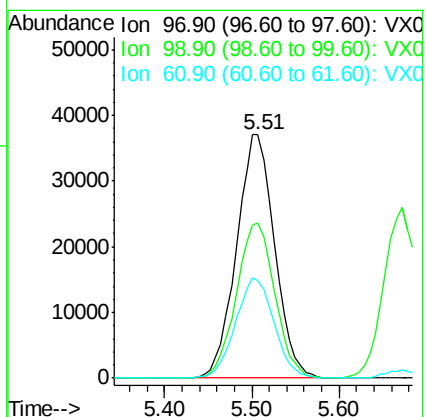
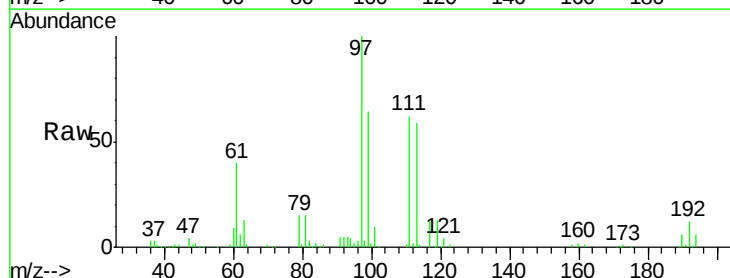
Tgt Ion: 97 Resp: 112146

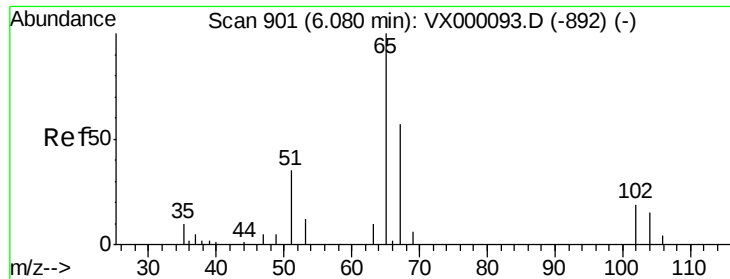
Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 41.5 33.4 50.0

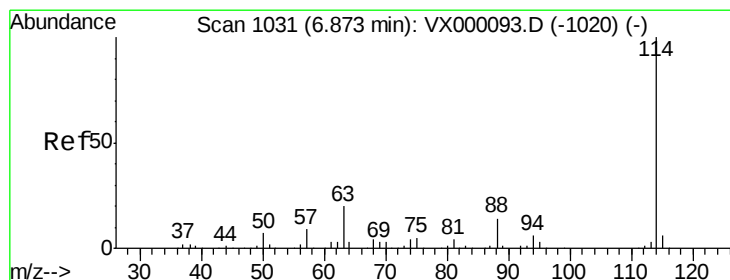
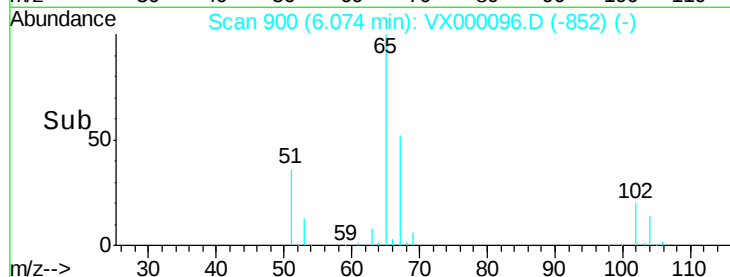
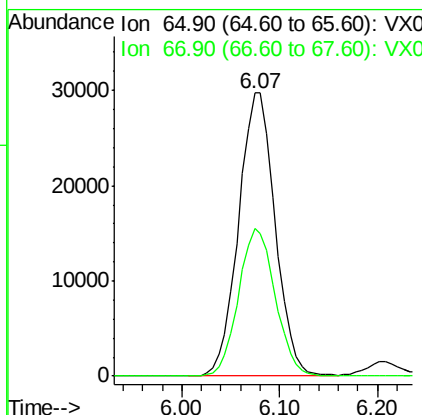
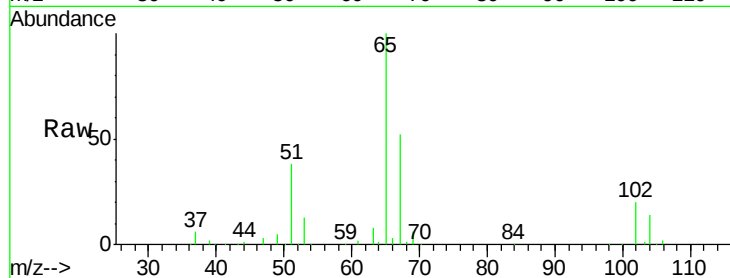




#33
 1,2-Dichloroethane-d4
 Concen: 46.82 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

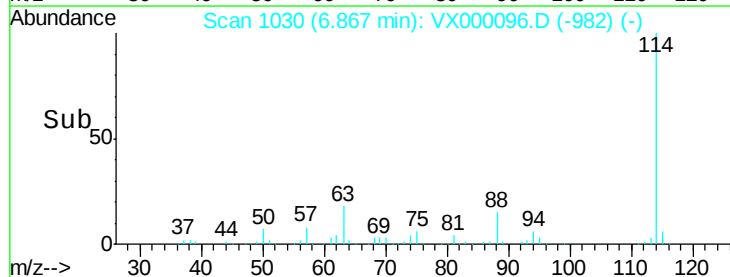
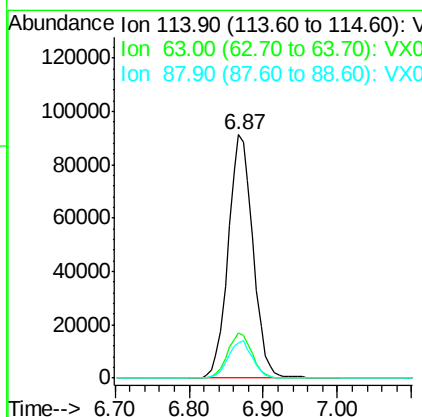
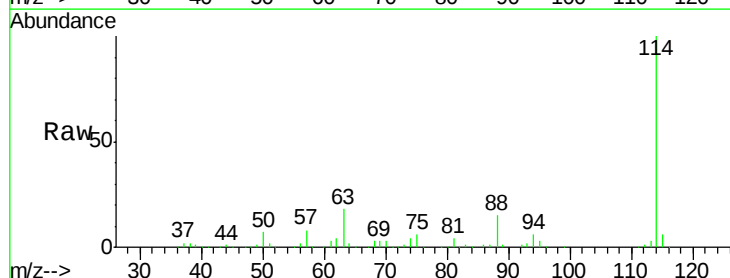
Instrument :
 ClientSampled :
 VSTDCCC050

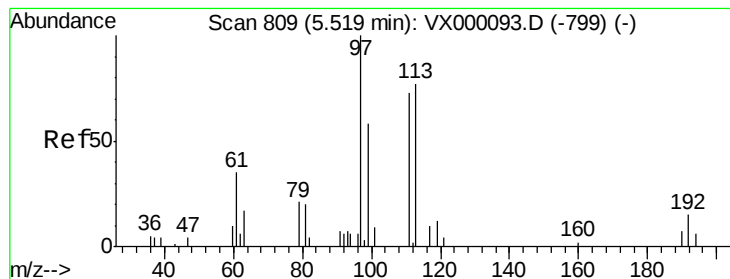
Tgt Ion: 65 Resp: 77068
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 114 Resp: 212206
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.4
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

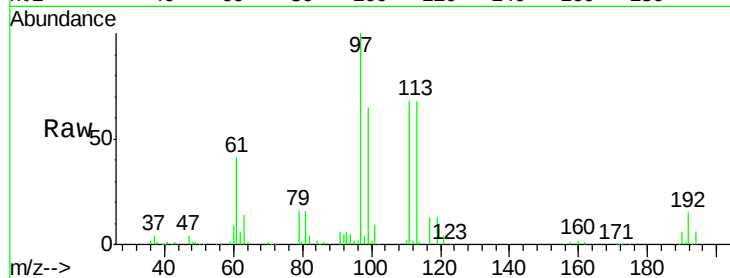
Tgt Ion:113 Resp: 64364

Ion Ratio Lower Upper

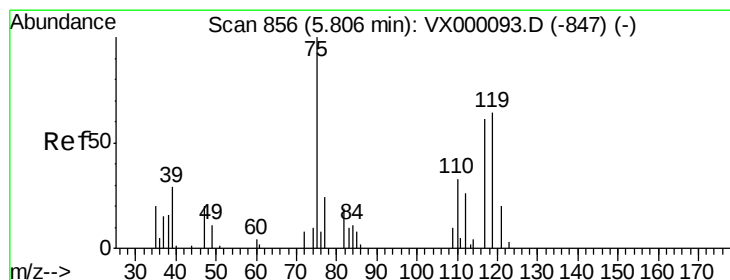
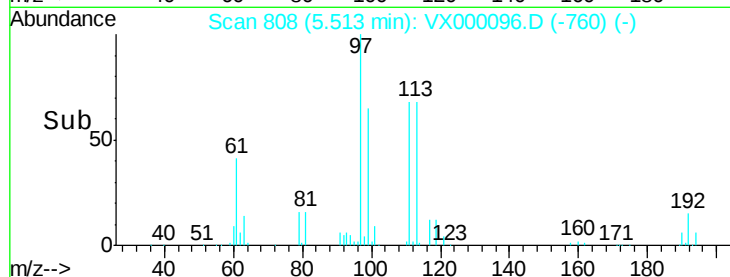
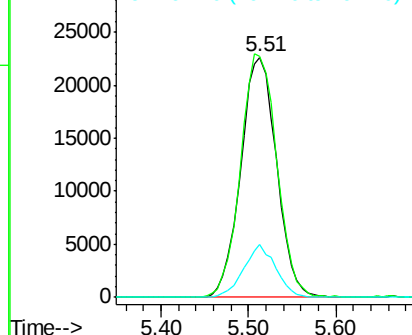
113 100

111 102.9 81.0 121.6

192 19.8 15.7 23.5



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: 48.35 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

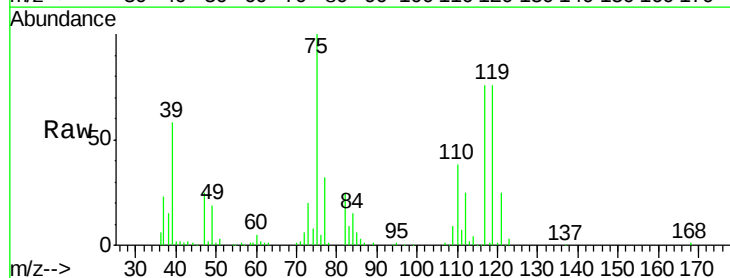
Tgt Ion: 75 Resp: 92064

Ion Ratio Lower Upper

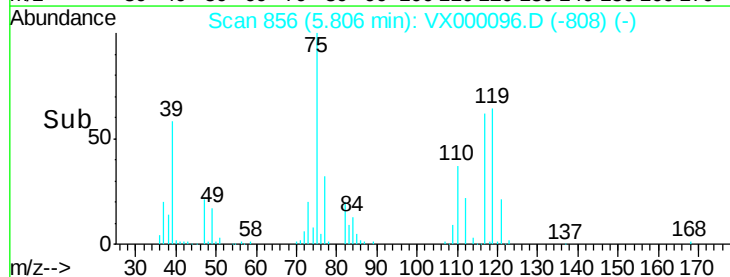
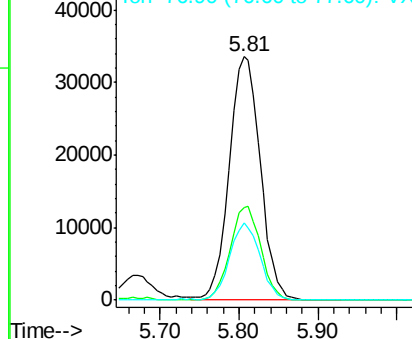
75 100

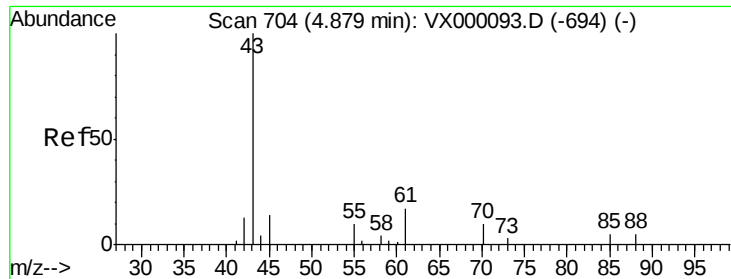
110 37.9 19.5 58.5

77 31.0 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.83 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

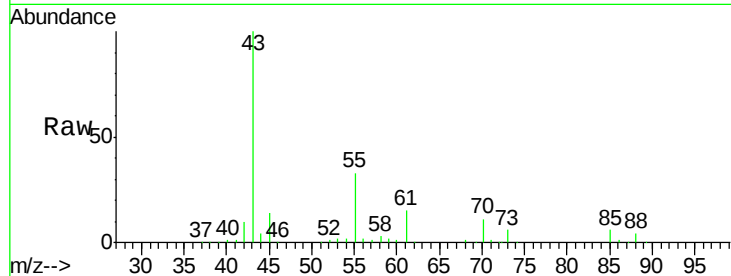
Tgt Ion: 43 Resp: 122540

Ion Ratio Lower Upper

43 100

61 13.7 11.5 17.3

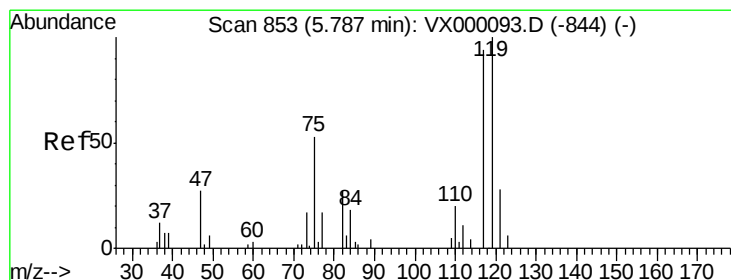
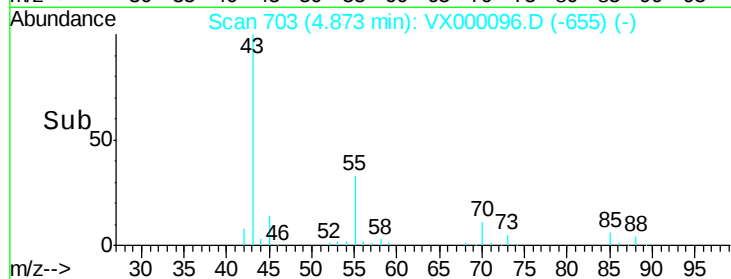
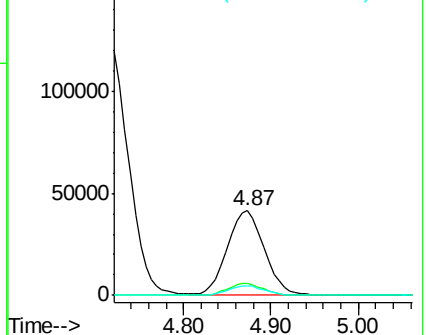
70 10.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.22 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

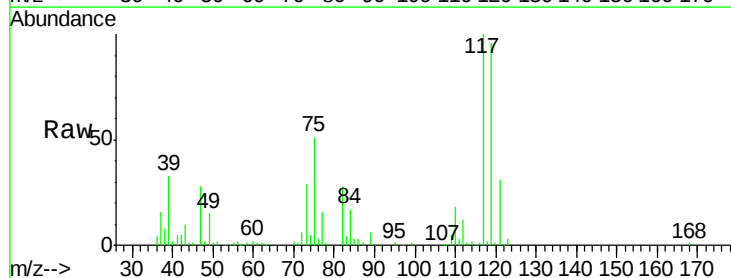
Tgt Ion: 117 Resp: 101255

Ion Ratio Lower Upper

117 100

119 95.9 75.3 112.9

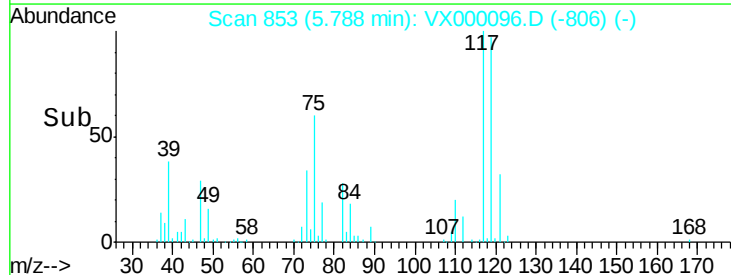
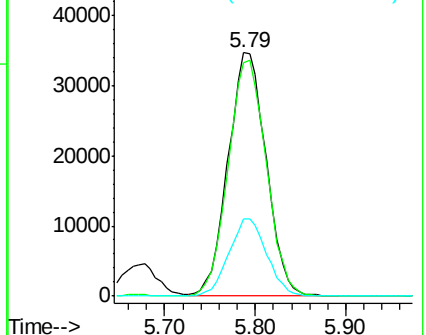
121 31.5 23.7 35.5

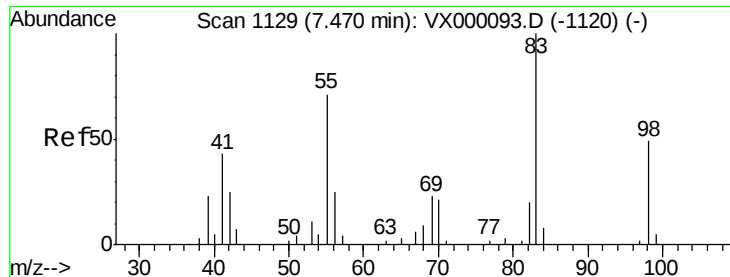


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

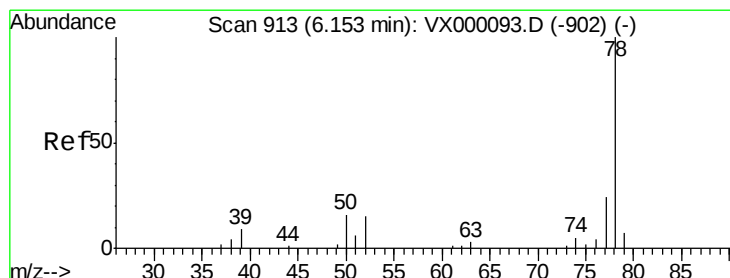
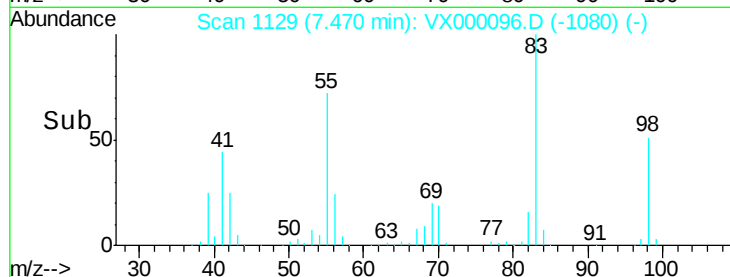
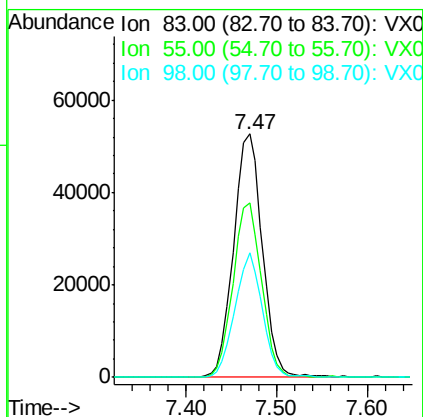
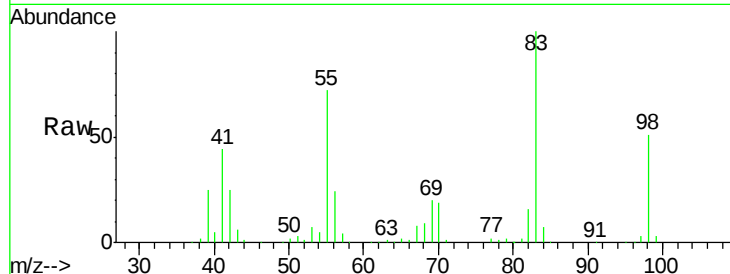




#39
Methylcyclohexane
Concen: 50.60 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

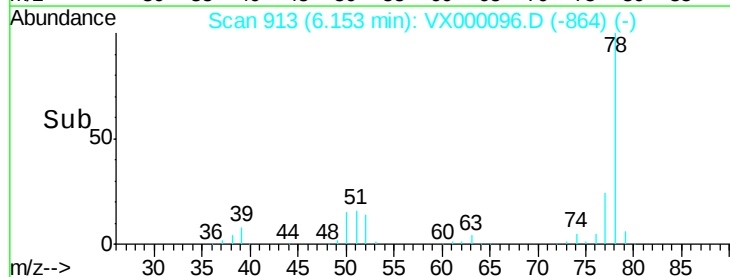
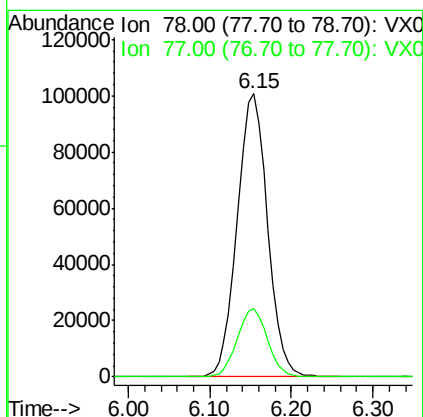
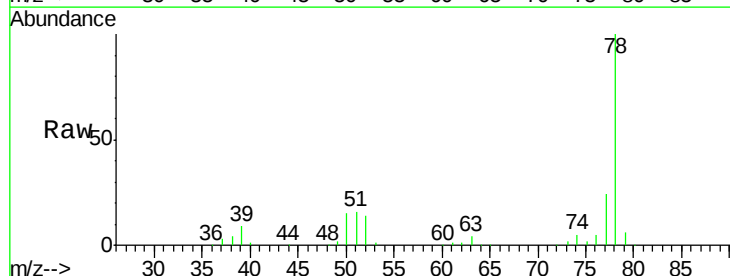
Instrument :
ClientSampleId :
VSTDCCC050

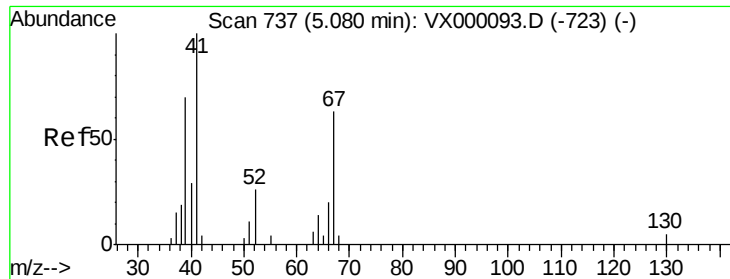
Tgt Ion: 83 Resp: 116020
Ion Ratio Lower Upper
83 100
55 71.7 58.2 87.2
98 51.0 39.0 58.6



#40
Benzene
Concen: 47.92 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 78 Resp: 260738
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

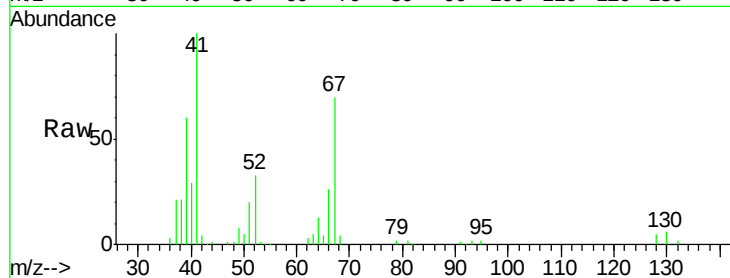




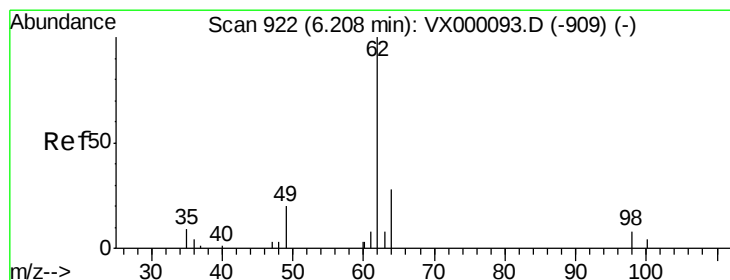
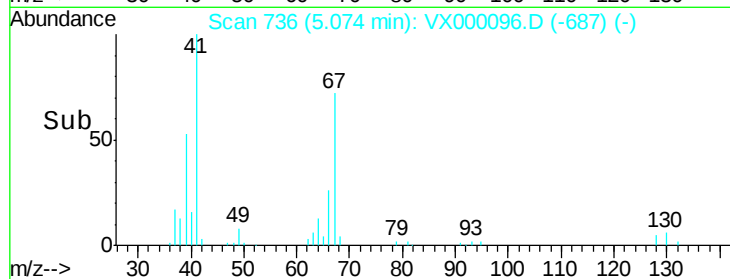
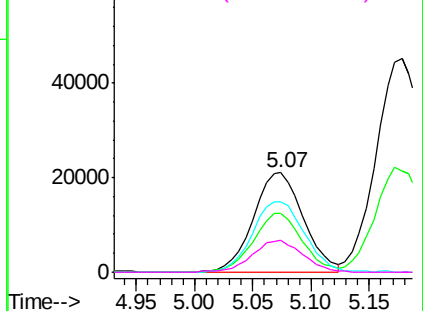
#41
Methacrylonitrile
Concen: 49.89 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	62649
Ion	Ratio	Lower	Upper
41	100		
39	58.6	45.1	67.7
67	74.7	61.0	91.4
52	32.6	25.8	38.6

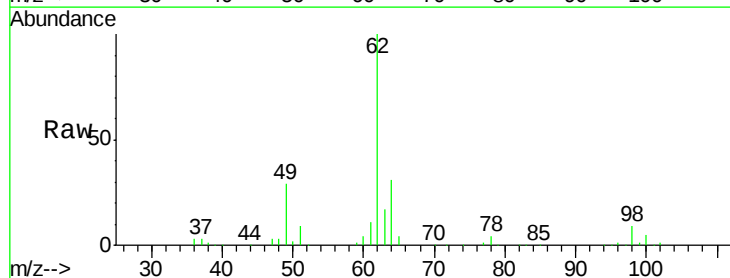


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

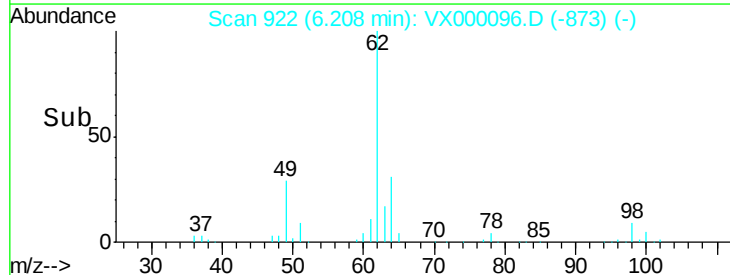
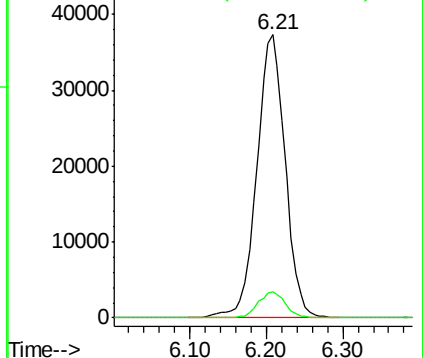


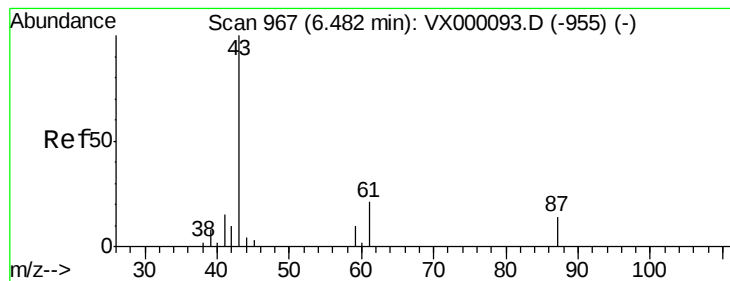
#42
1,2-Dichloroethane
Concen: 48.46 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:	62	Resp:	96750
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.25 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

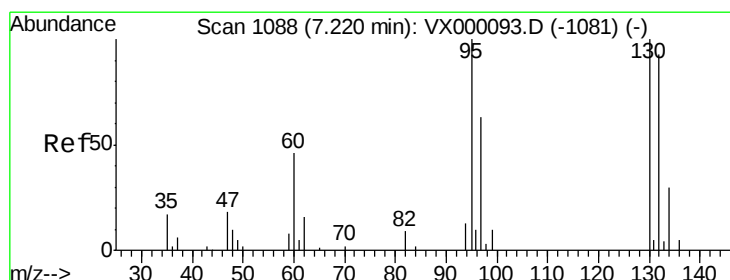
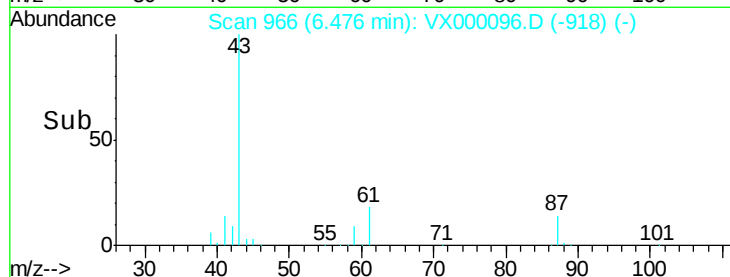
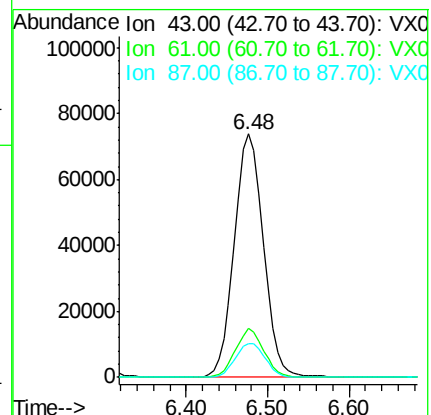
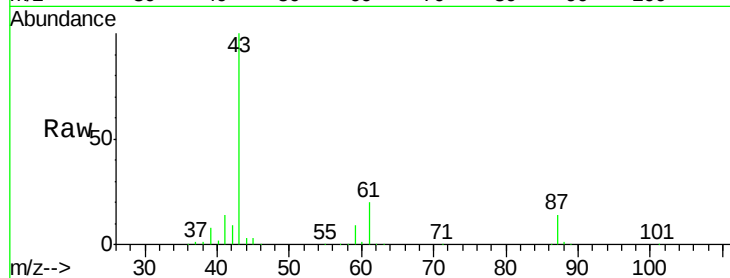
Tgt Ion: 43 Resp: 182053

Ion Ratio Lower Upper

43 100

61 19.4 15.6 23.4

87 14.3 11.7 17.5



#44

Trichloroethene

Concen: 49.45 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000096.D

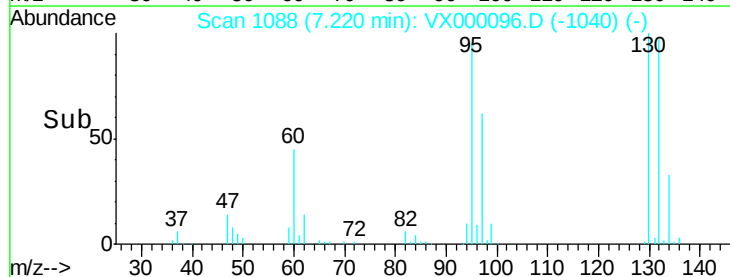
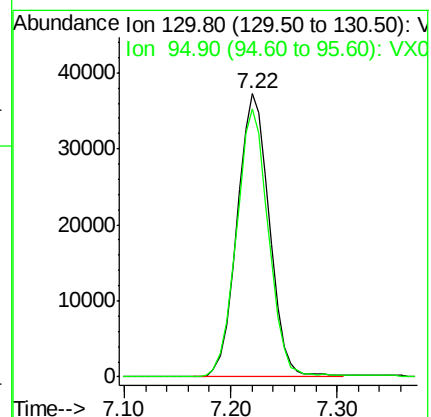
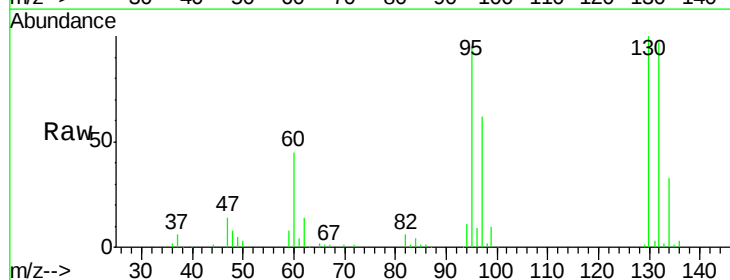
Acq: 15 Feb 2018 10:48

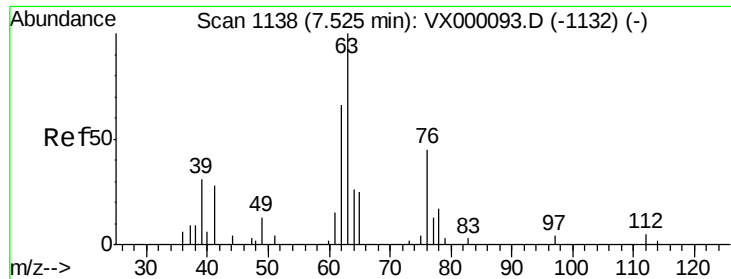
Tgt Ion: 130 Resp: 79235

Ion Ratio Lower Upper

130 100

95 94.6 0.0 183.4

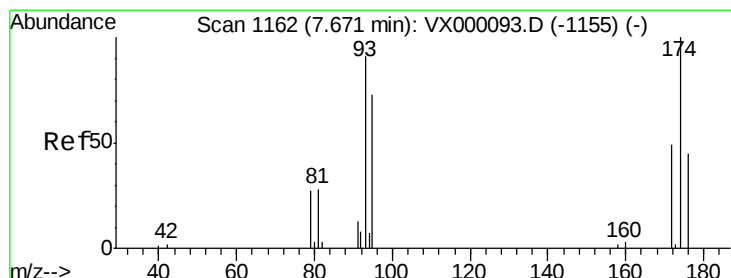
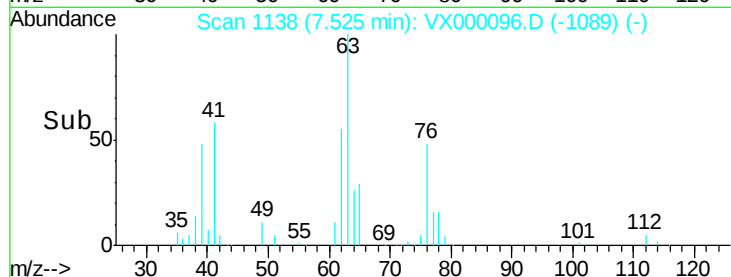
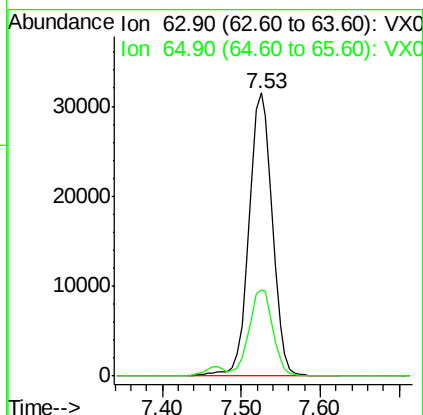
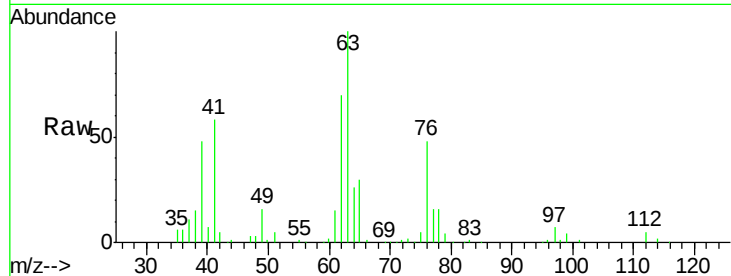




#45
 1,2-Dichloropropane
 Concen: 48.58 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

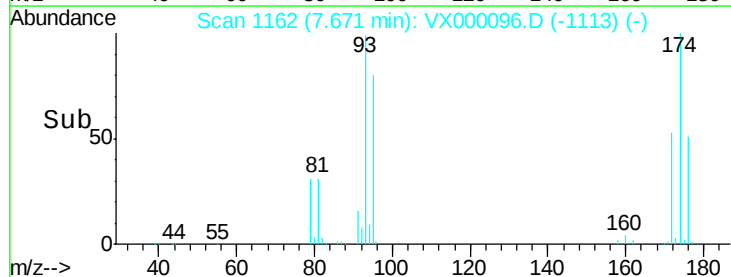
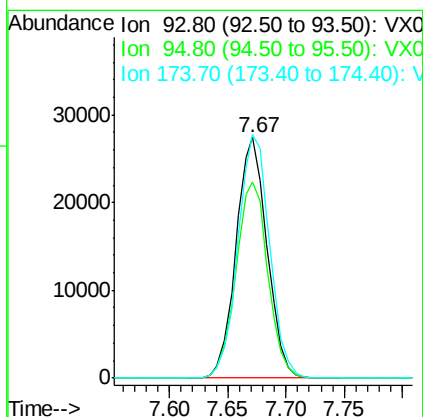
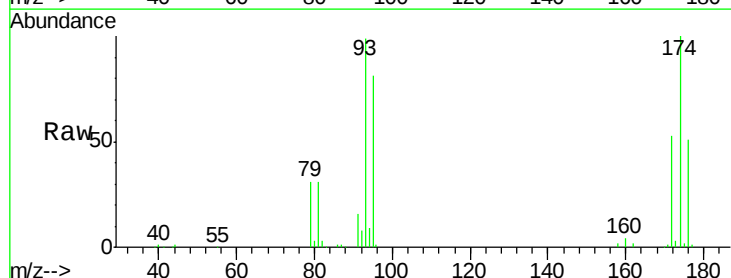
Instrument :
 ClientSampleId :
 VSTDCCC050

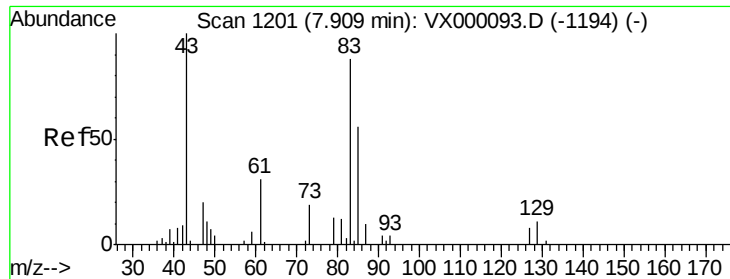
Tgt Ion: 63 Resp: 64776
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.8



#46
 Dibromomethane
 Concen: 48.83 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 93 Resp: 50803
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.0 97.6
 174 103.4 83.1 124.7





#47

Bromodichloromethane

Concen: 50.33 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

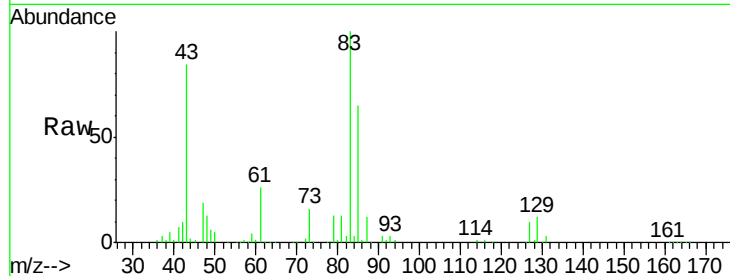
Tgt Ion: 83 Resp: 96726

Ion Ratio Lower Upper

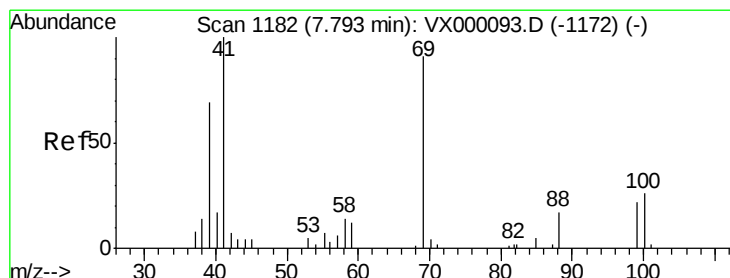
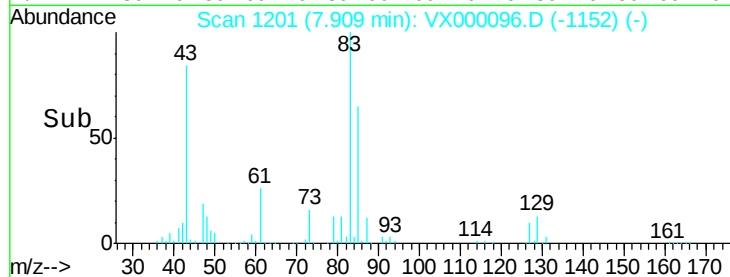
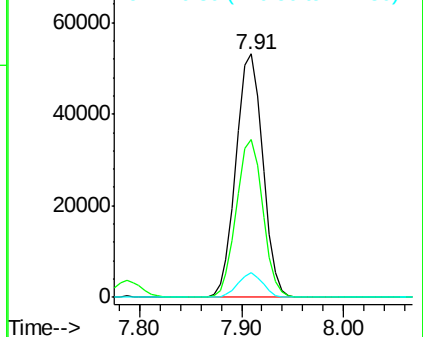
83 100

85 64.8 50.4 75.6

127 9.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.27 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

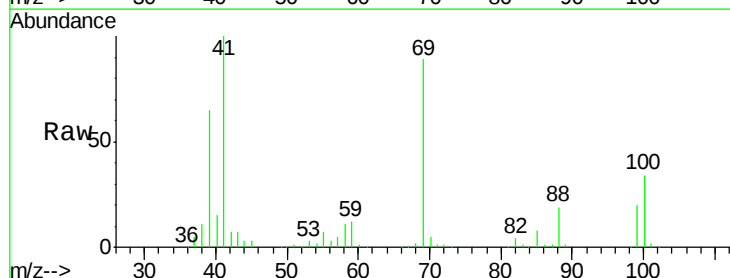
Tgt Ion: 41 Resp: 89264

Ion Ratio Lower Upper

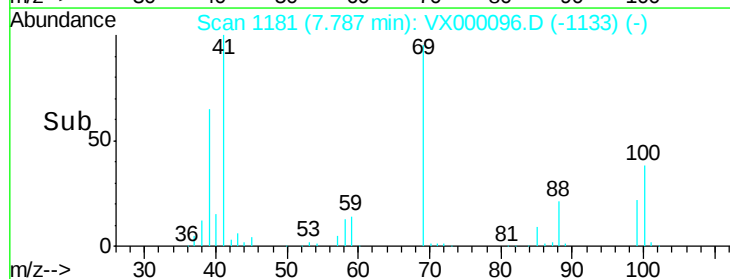
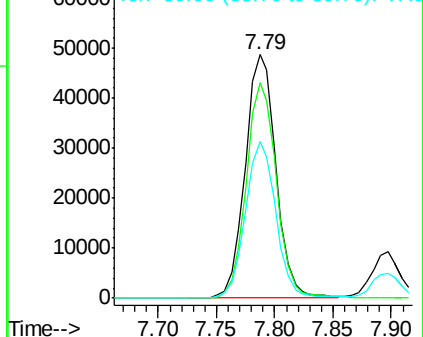
41 100

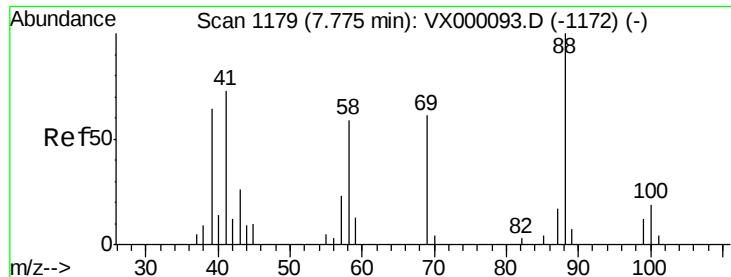
69 87.5 70.2 105.4

39 64.2 51.0 76.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

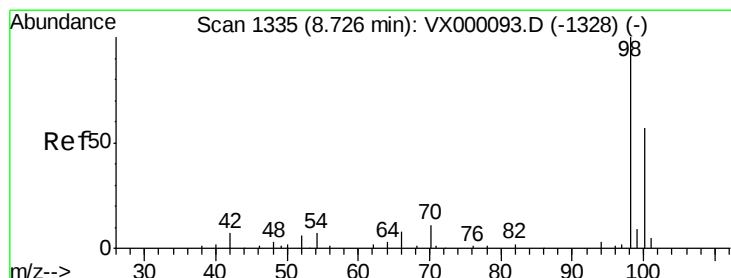
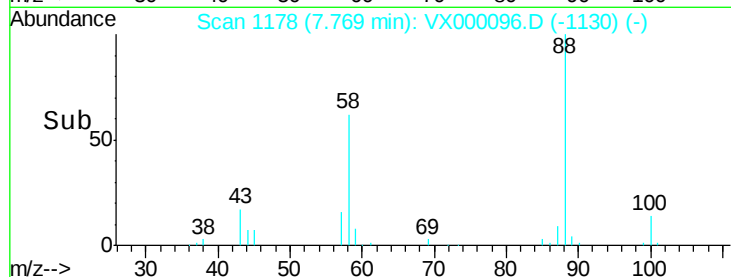
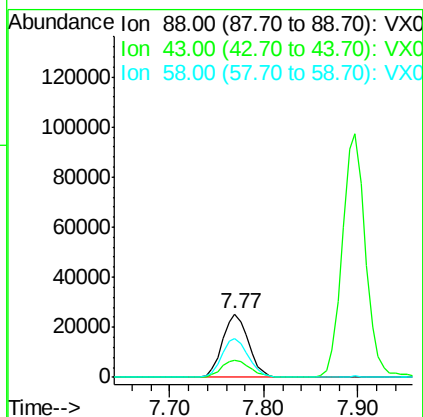
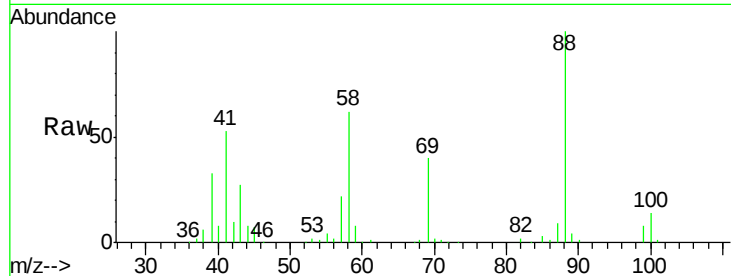




#49
1,4-Dioxane
Concen: 996.41 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

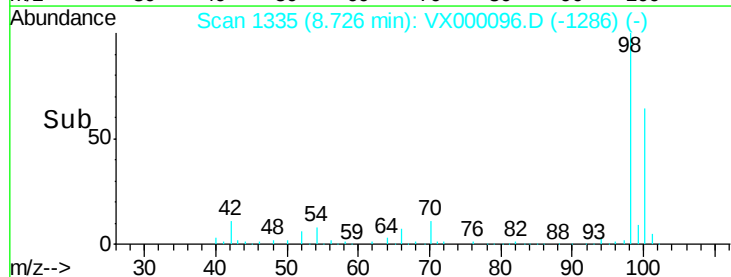
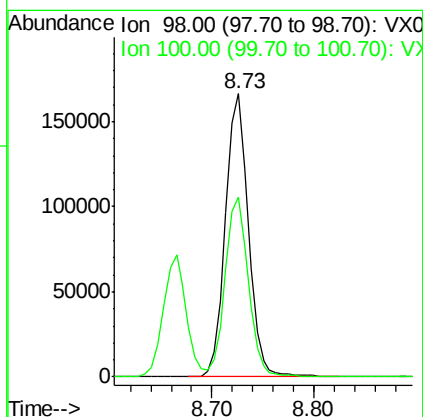
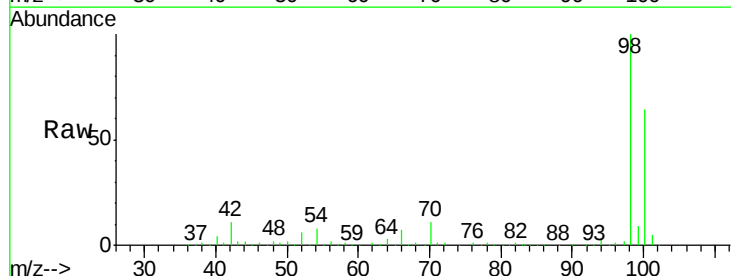
Instrument :
ClientSampleId :
VSTDCCC050

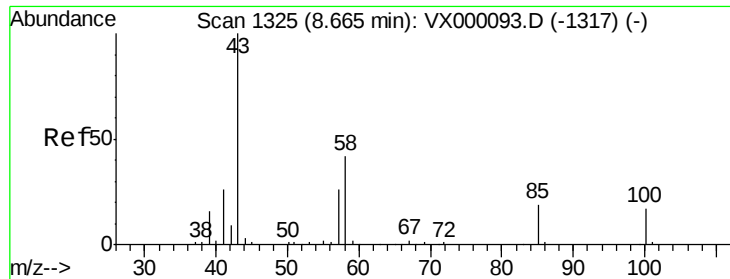
Tgt Ion: 88 Resp: 48318
Ion Ratio Lower Upper
88 100
43 30.2 24.1 36.1
58 62.1 49.0 73.6



#50
Toluene-d8
Concen: 49.19 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 98 Resp: 259902
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

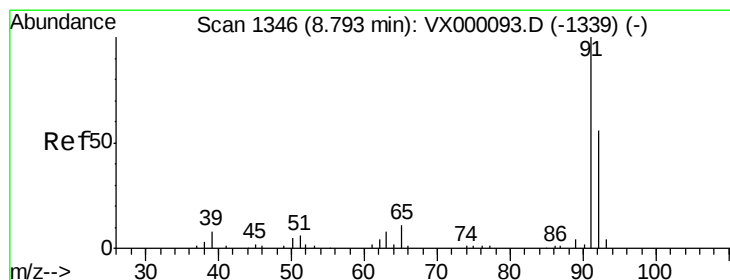
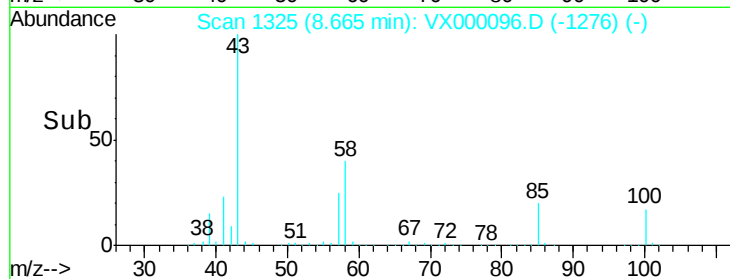
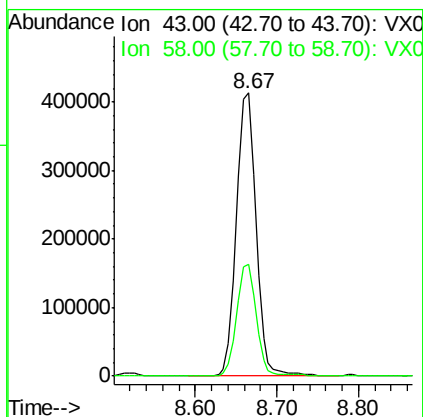
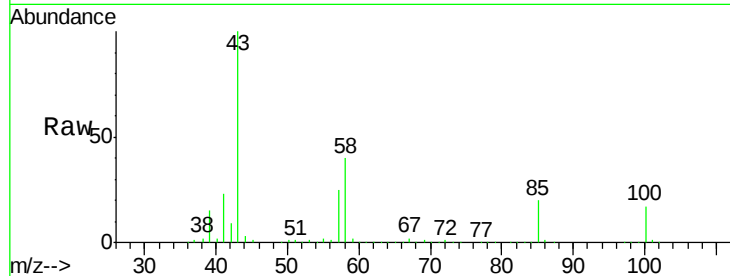




#51
 4-Methyl-2-Pentanone
 Concen: 248.70 ug/l
 RT: 8.67 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

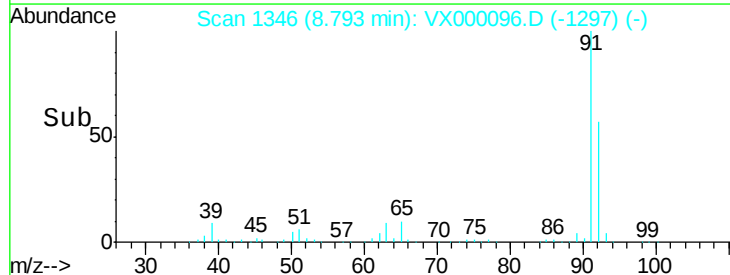
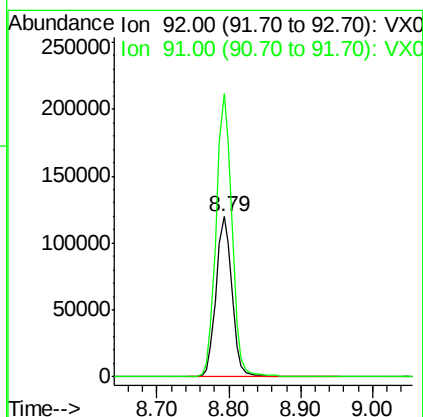
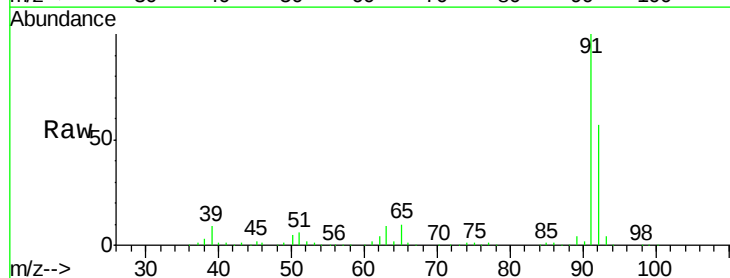
Instrument :
 ClientSampleID :
 VSTDCCC050

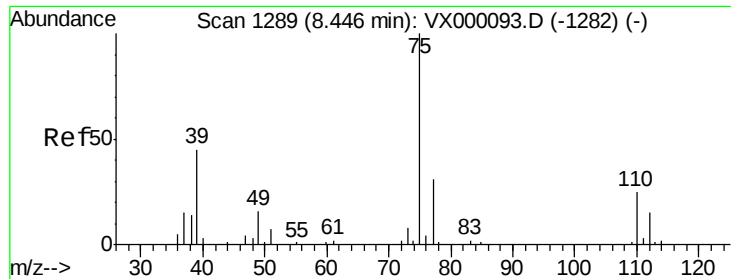
Tgt Ion: 43 Resp: 685855
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.6 47.4



#52
 Toluene
 Concen: 50.40 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 92 Resp: 183177
 Ion Ratio Lower Upper
 92 100
 91 176.0 139.8 209.6

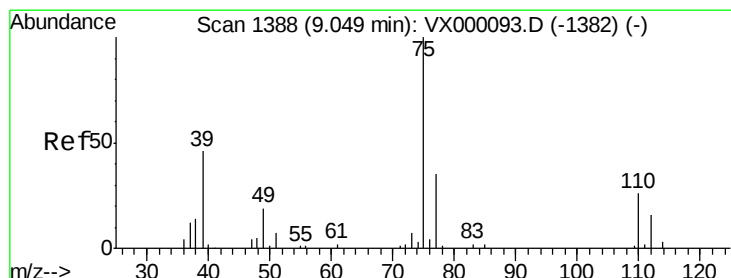
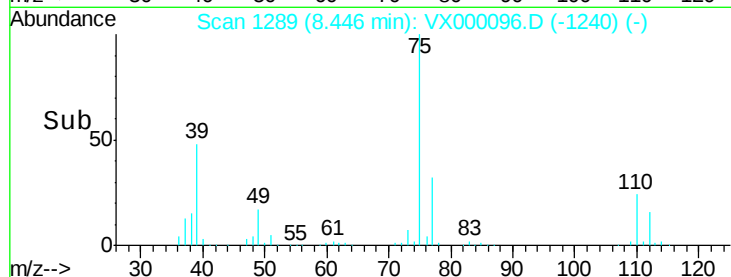
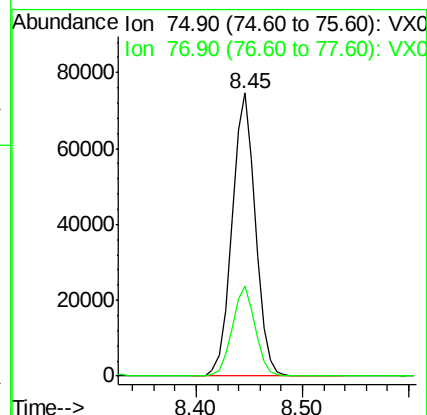
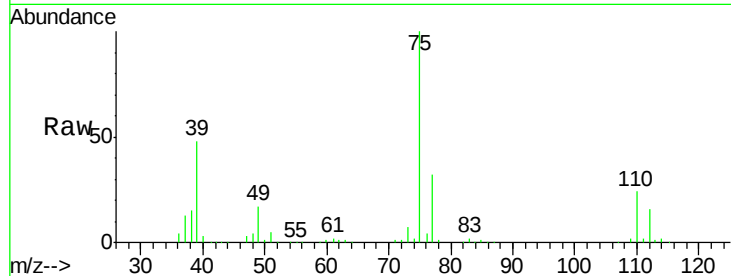




#53
 t-1,3-Dichloropropene
 Concen: 50.69 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

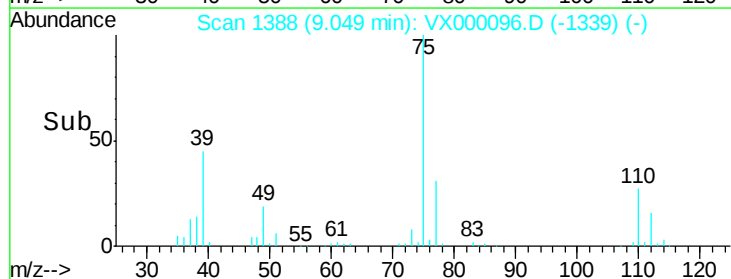
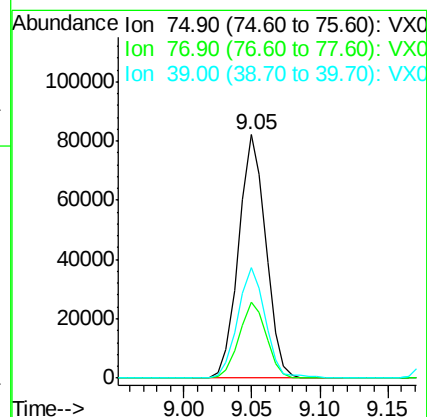
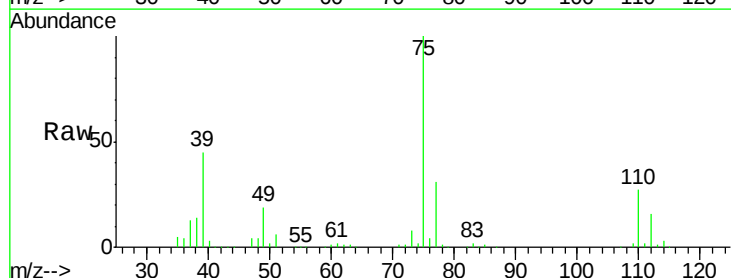
Instrument :
 ClientSampleId :
 VSTDCCC050

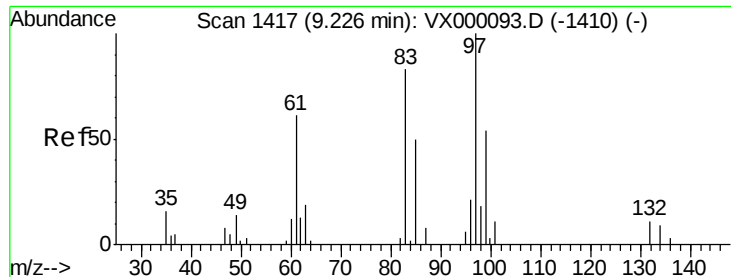
Tgt Ion: 75 Resp: 114570
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.94 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 75 Resp: 114307
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6
 39 45.1 35.4 53.0

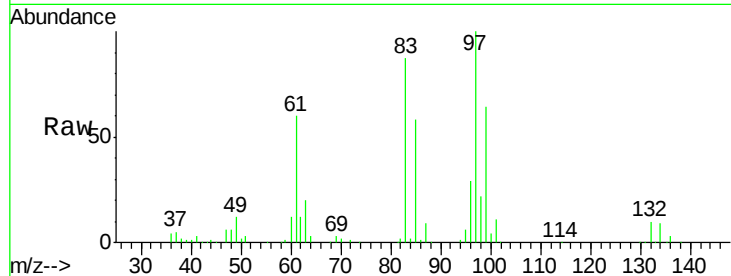




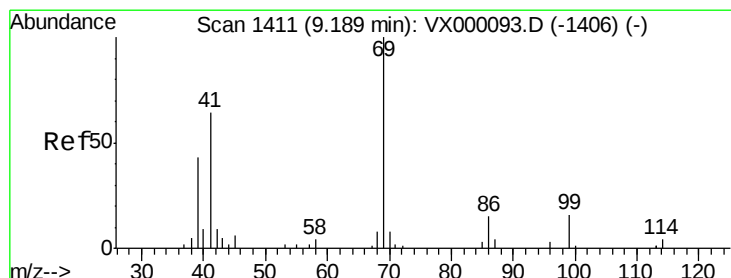
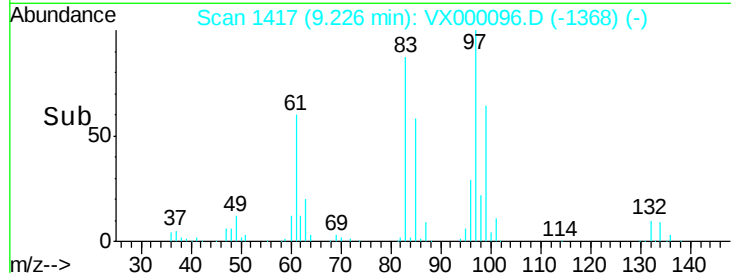
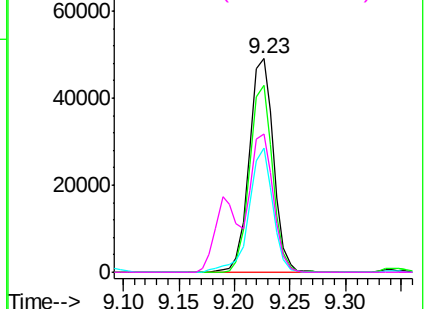
#55
 1,1,2-Trichloroethane
 Concen: 49.47 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 74363
 Ion Ratio Lower Upper
 97 100
 83 87.4 67.6 101.4
 85 58.0 42.9 64.3
 99 64.4 49.8 74.6

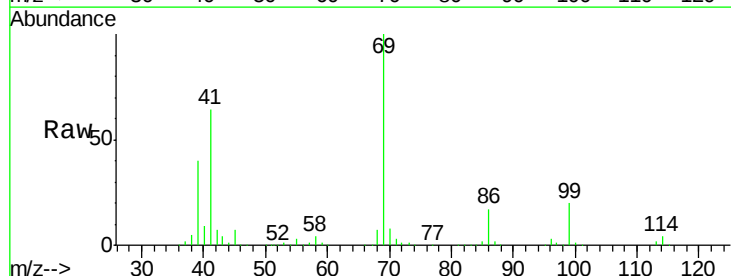


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

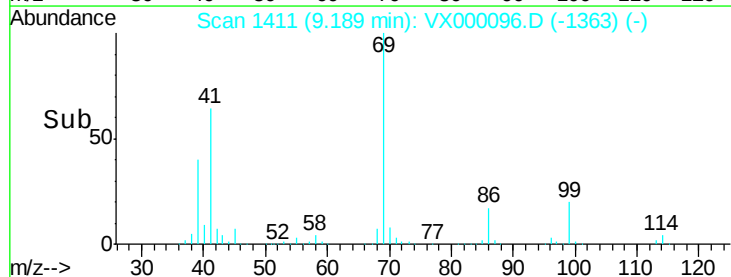
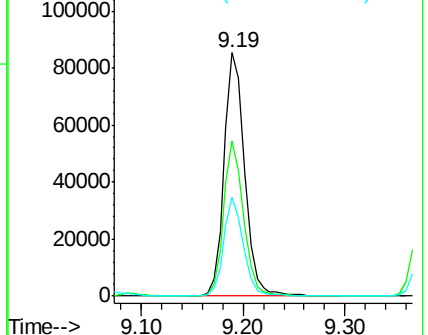


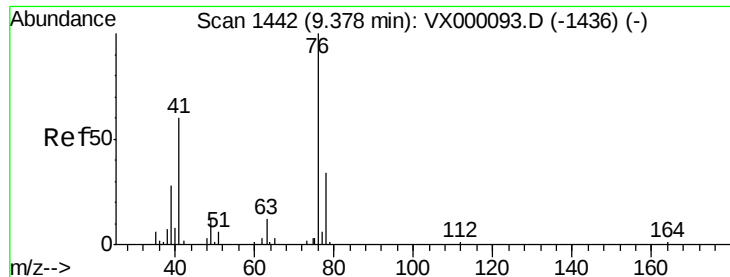
#56
 Ethyl methacrylate
 Concen: 51.71 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 69 Resp: 119291
 Ion Ratio Lower Upper
 69 100
 41 62.4 49.4 74.0
 39 39.1 31.3 46.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.92 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

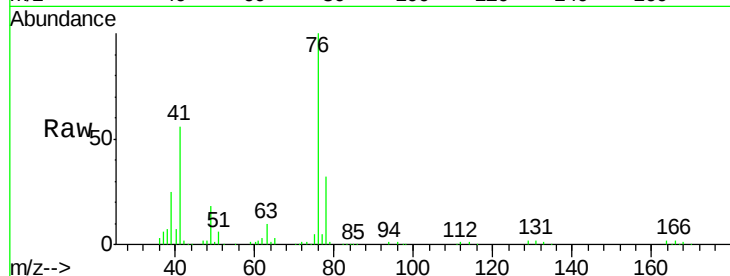
VSTDCCC050

Tgt Ion: 76 Resp: 119185

Ion Ratio Lower Upper

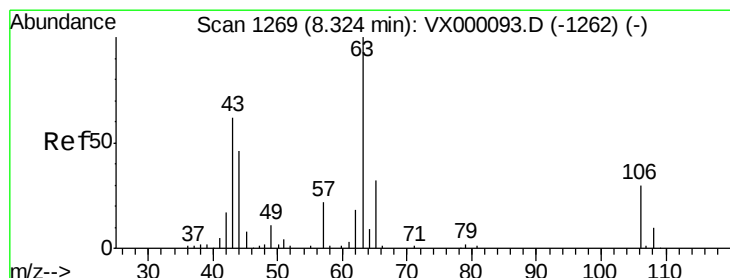
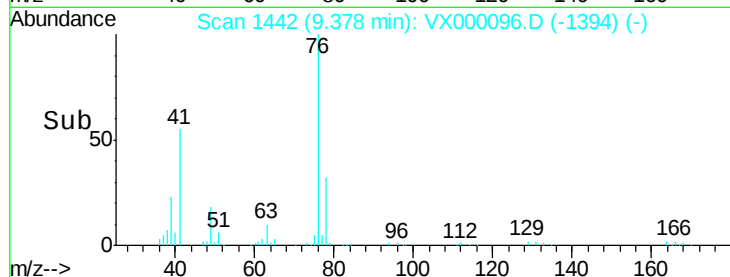
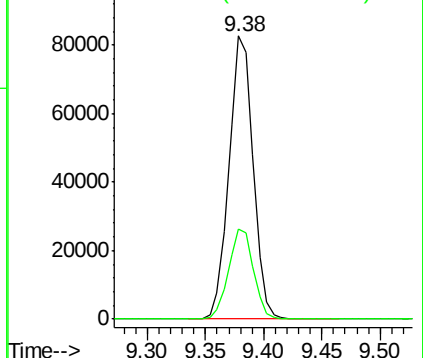
76 100

78 32.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 240.61 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000096.D

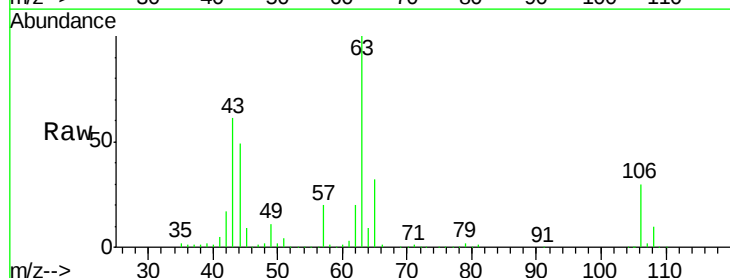
Acq: 15 Feb 2018 10:48

Tgt Ion: 63 Resp: 280530

Ion Ratio Lower Upper

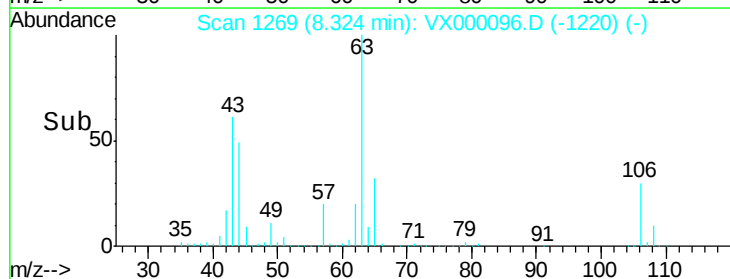
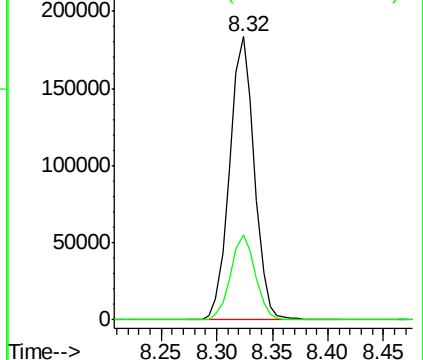
63 100

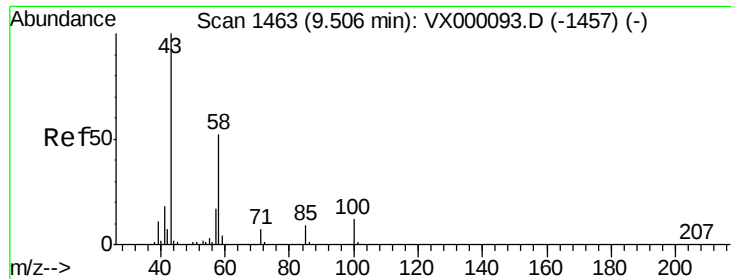
106 30.1 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

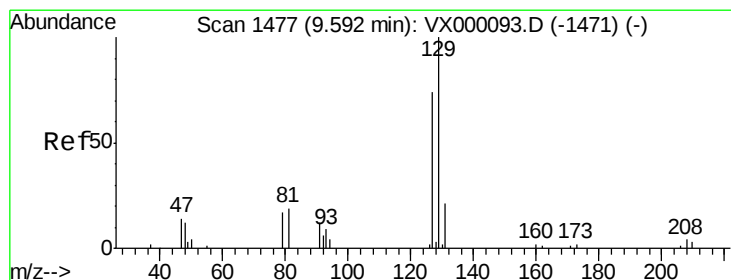
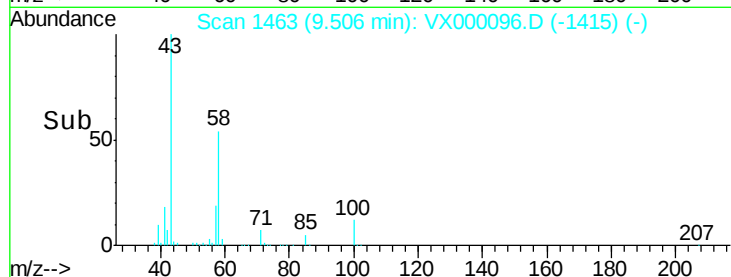
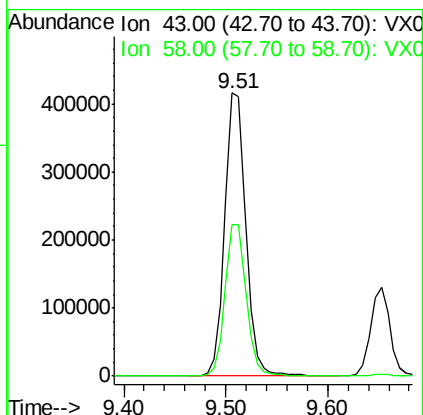
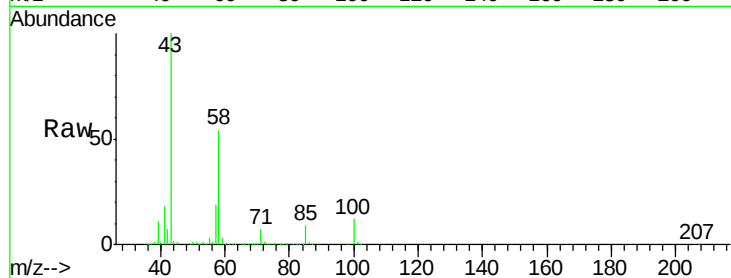




#59
2-Hexanone
Concen: 255.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

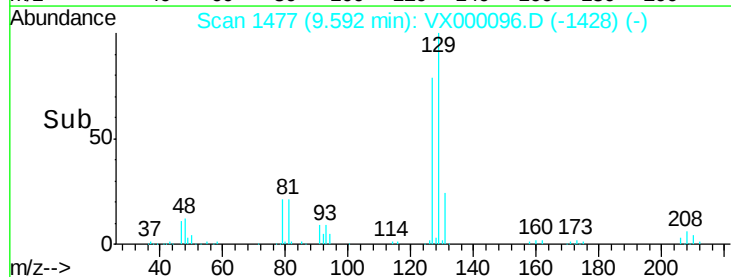
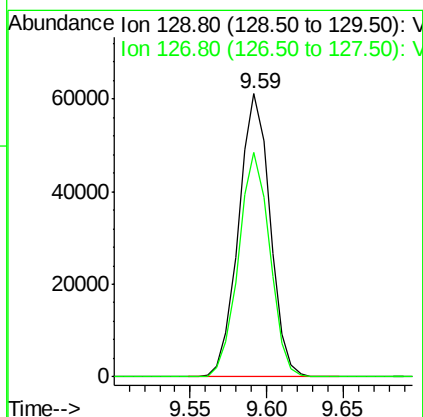
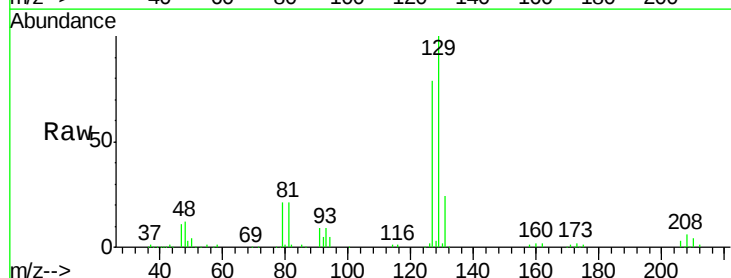
Instrument :
ClientSampleId :
VSTDCCC050

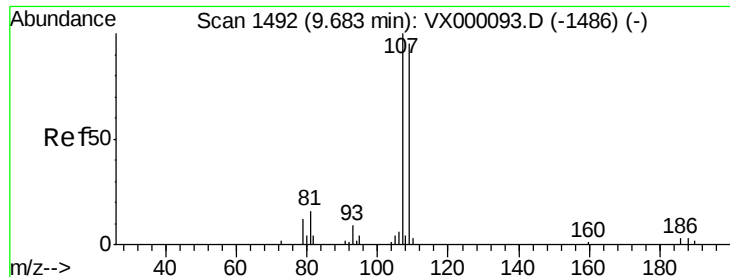
Tgt Ion: 43 Resp: 596252
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 51.17 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 129 Resp: 87130
Ion Ratio Lower Upper
129 100
127 78.9 37.6 112.9





#61

1,2-Dibromoethane

Concen: 50.89 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

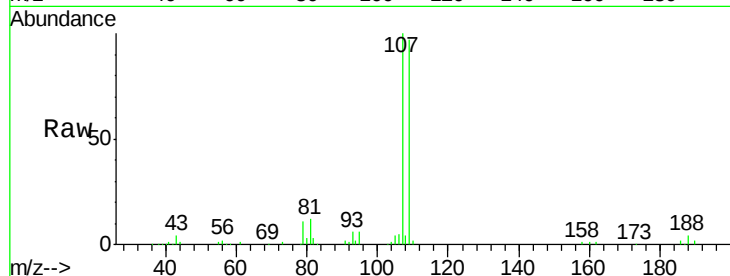
Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion: 107 Resp: 84895

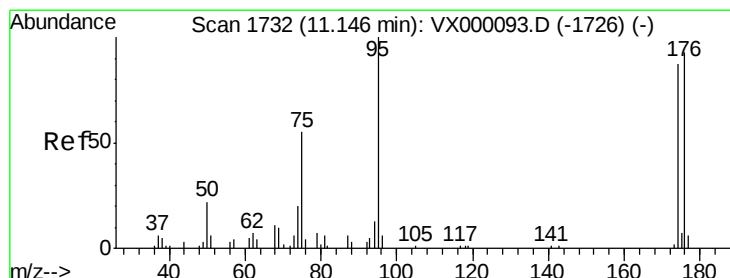
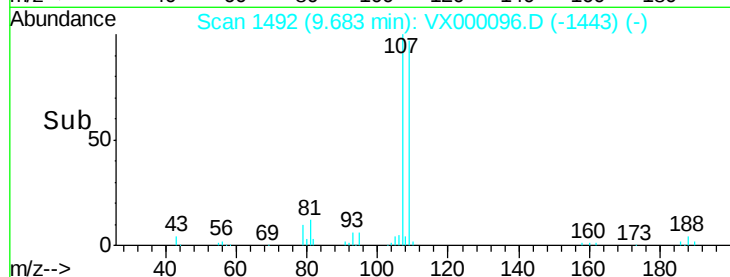
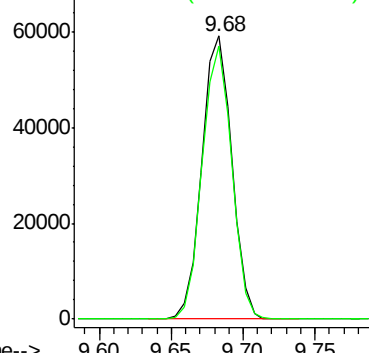
Ion Ratio Lower Upper

107 100

109 95.5 76.4 114.6



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

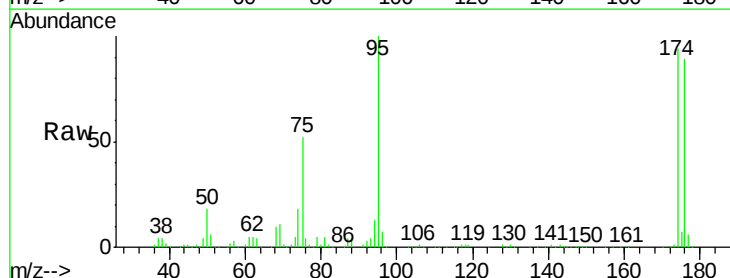
Tgt Ion: 95 Resp: 103756

Ion Ratio Lower Upper

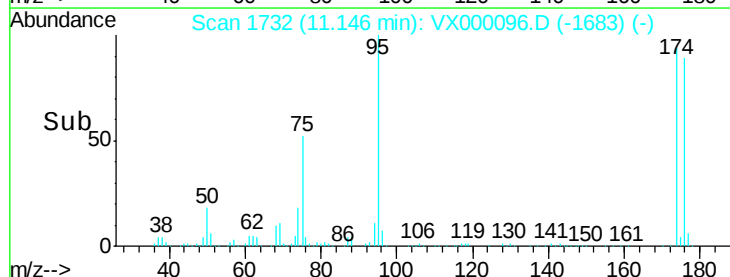
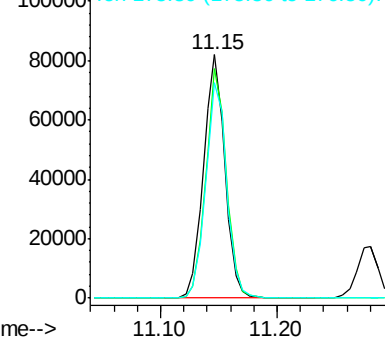
95 100

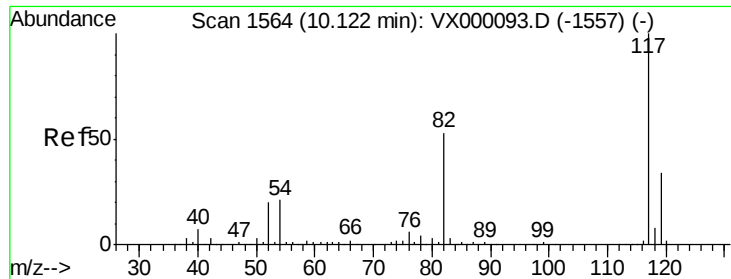
174 91.8 0.0 187.8

176 87.9 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

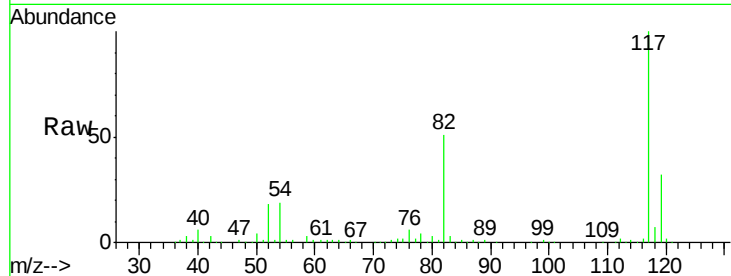




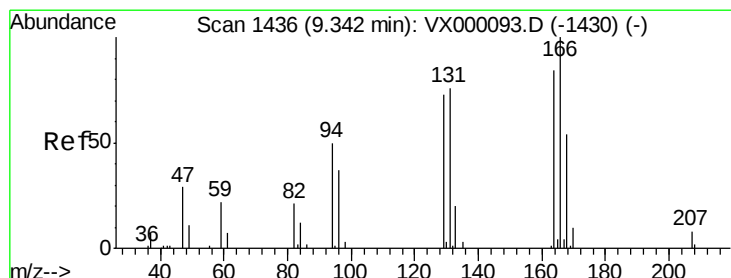
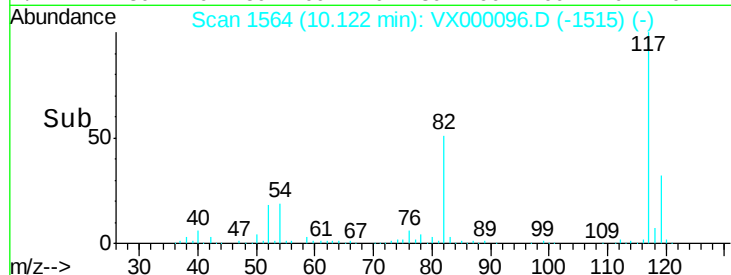
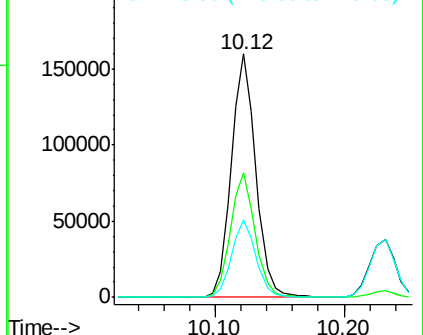
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 212602
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.6
119 31.6 25.5 38.3



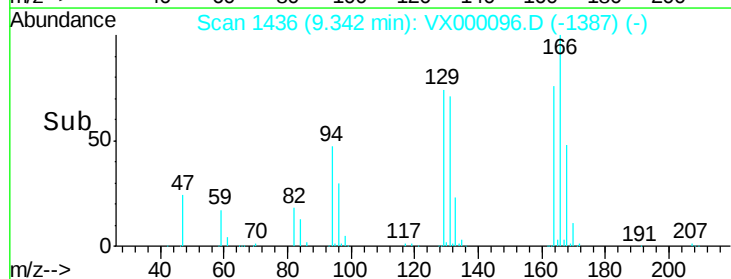
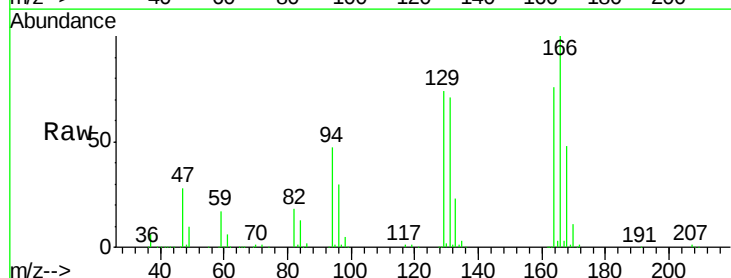
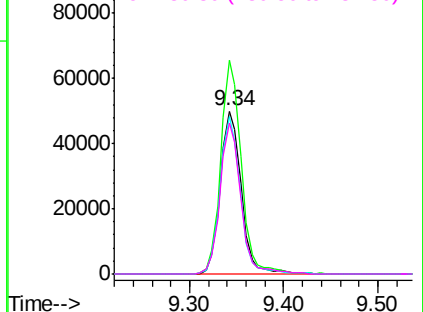
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

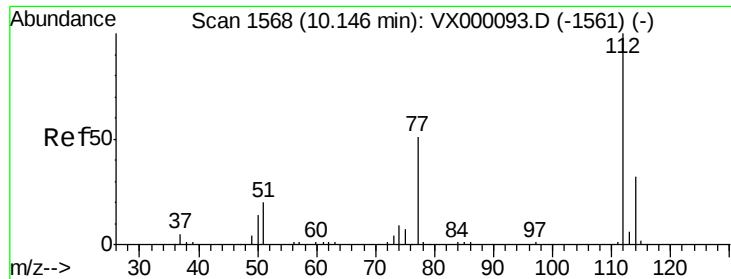


#64
Tetrachloroethene
Concen: 49.93 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:164 Resp: 77311
Ion Ratio Lower Upper
164 100
166 131.0 101.4 152.2
129 96.5 78.6 118.0
131 92.5 73.8 110.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

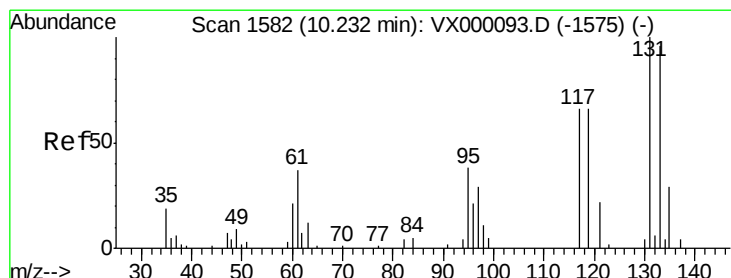
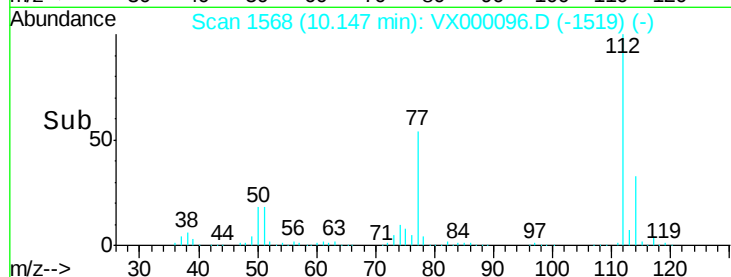
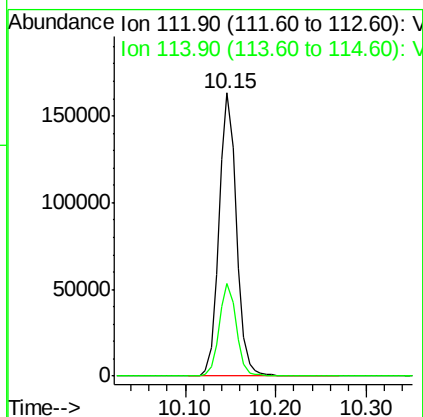
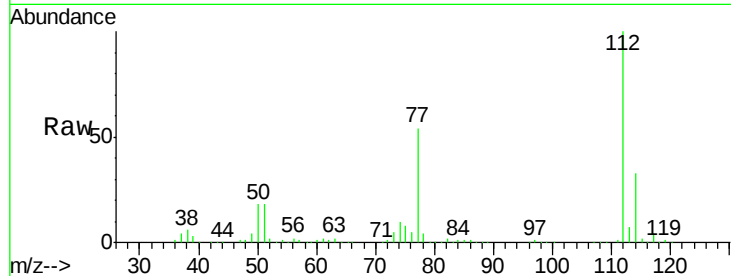




#65
Chlorobenzene
Concen: 48.86 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

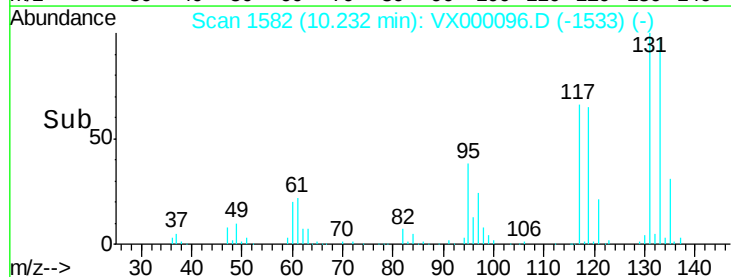
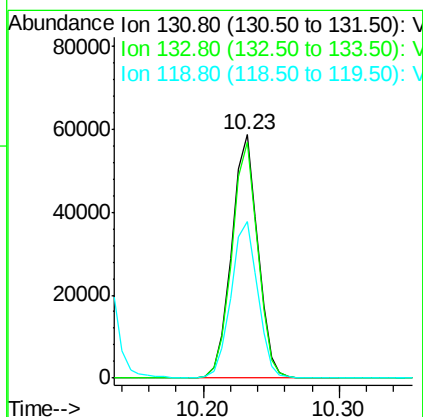
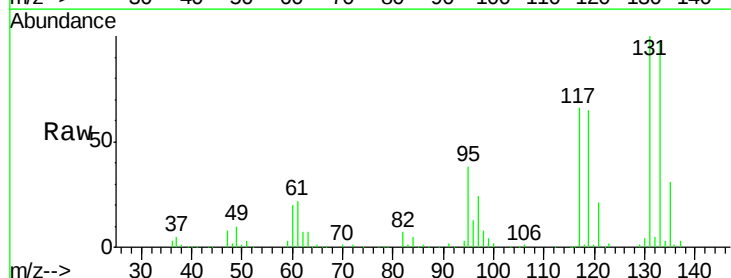
Instrument :
ClientSampleId :
VSTDCCC050

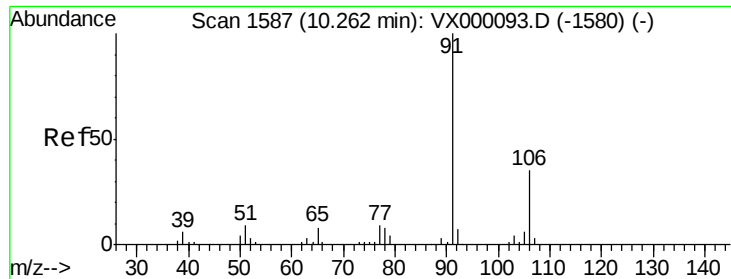
Tgt Ion:112 Resp: 219331
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.05 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:131 Resp: 78599
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.3
119 65.7 31.7 95.1

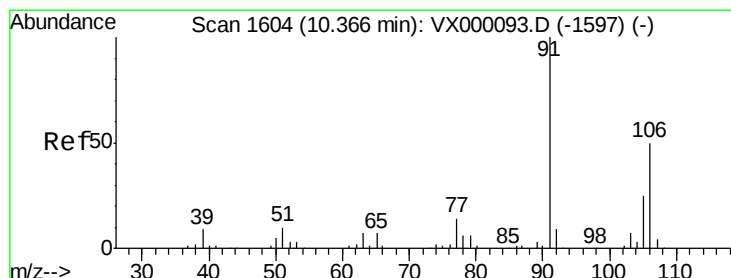
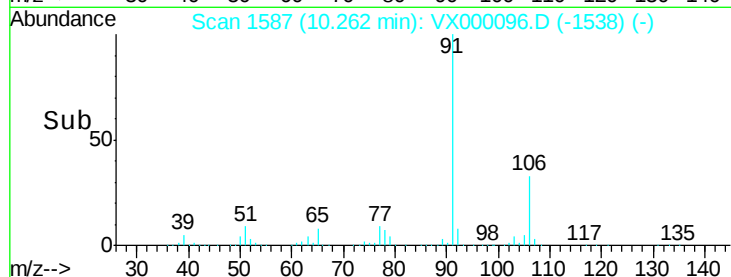
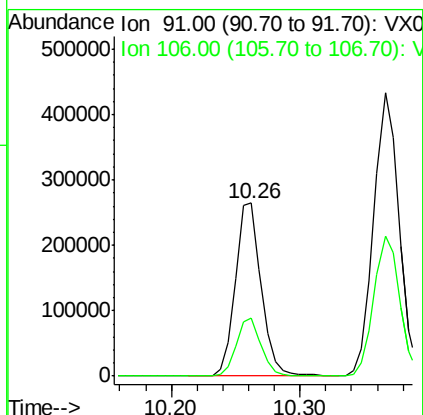
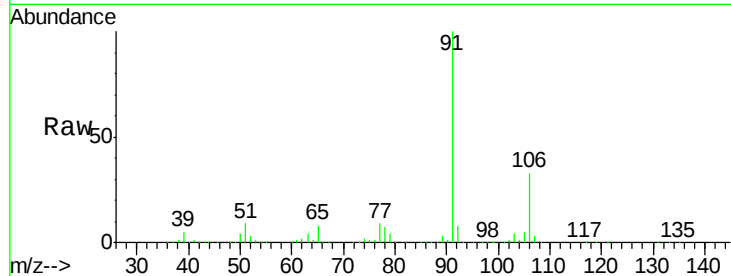




#67
Ethyl Benzene
Concen: 49.20 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

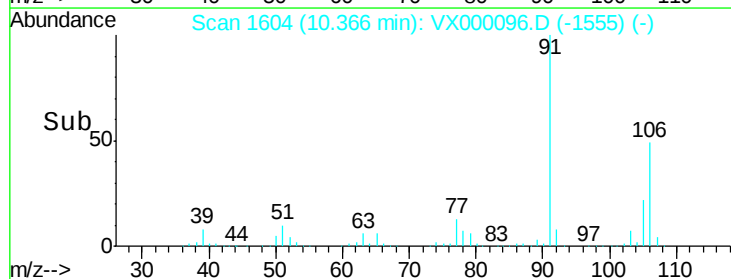
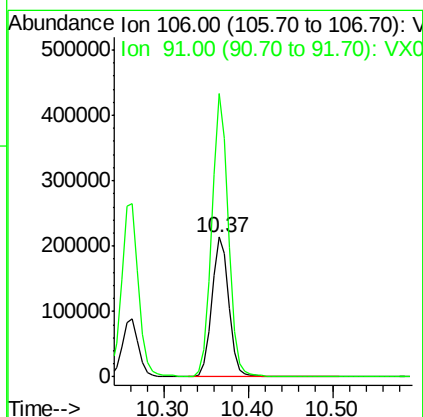
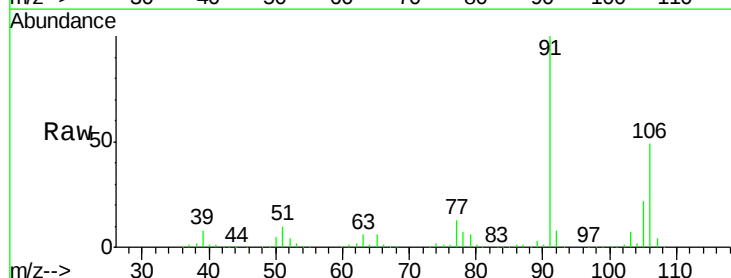
Instrument :
ClientSampled :
VSTDCCC050

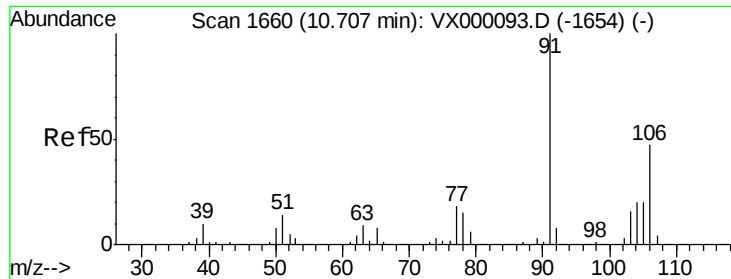
Tgt Ion: 91 Resp: 370692
Ion Ratio Lower Upper
91 100
106 33.5 25.8 38.6



#68
m/p-Xylenes
Concen: 100.34 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 106 Resp: 299379
Ion Ratio Lower Upper
106 100
91 197.7 159.1 238.7

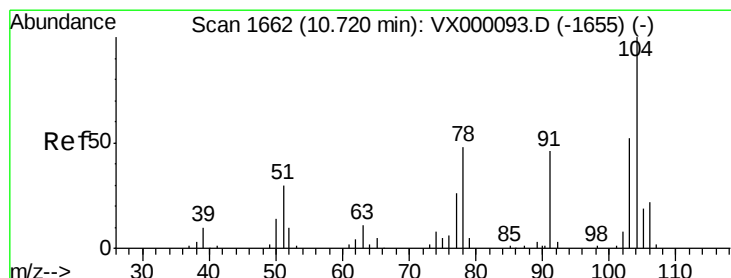
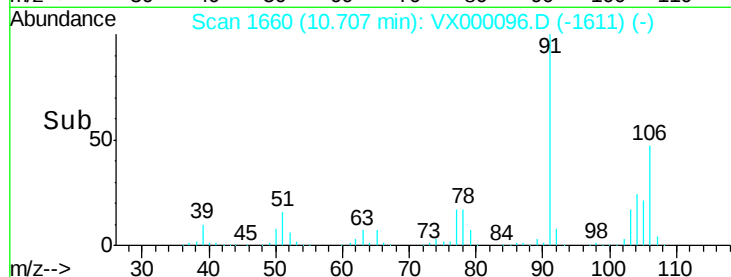
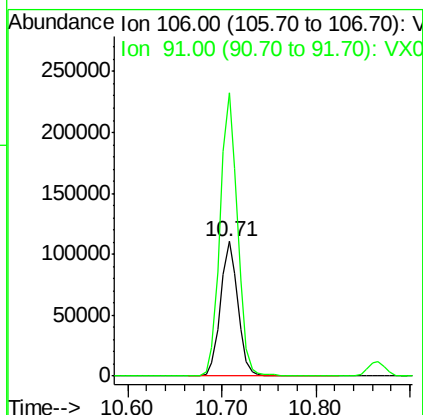
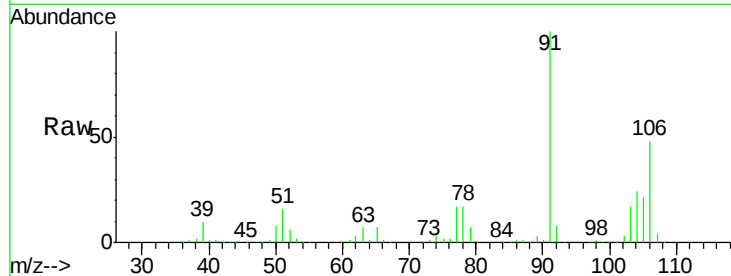




#69
o-Xylene
Concen: 49.43 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

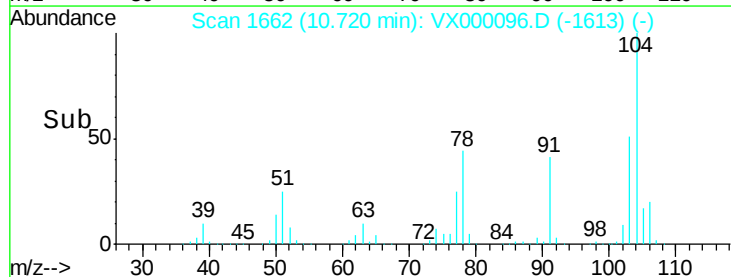
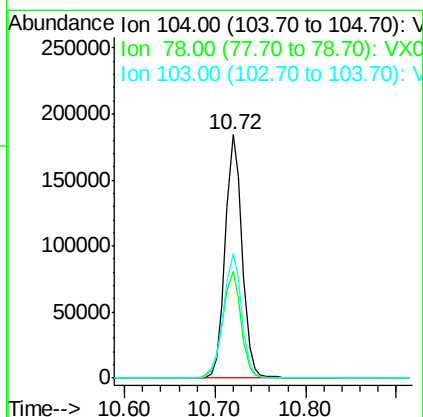
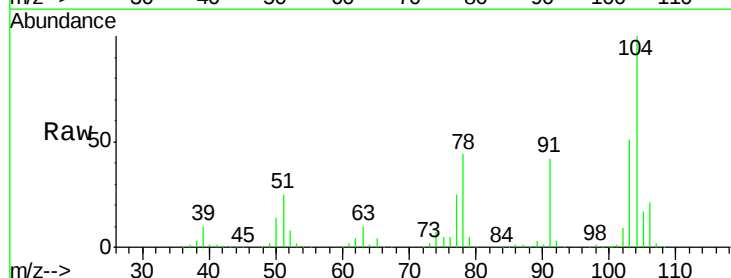
Instrument :
ClientSampleId :
VSTDCCC050

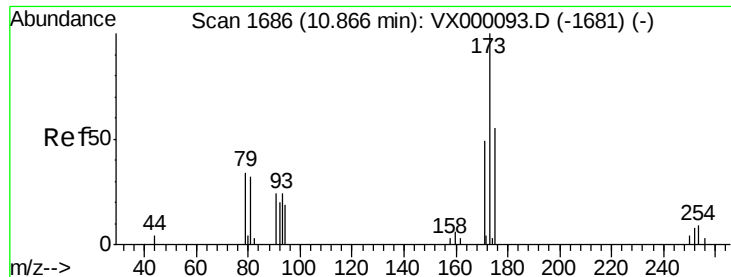
Tgt Ion:106 Resp: 142245
Ion Ratio Lower Upper
106 100
91 210.7 103.8 311.6



#70
Styrene
Concen: 50.99 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:104 Resp: 239906
Ion Ratio Lower Upper
104 100
78 48.1 38.2 57.4
103 55.4 44.2 66.4





#71

Bromoform

Concen: 52.58 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

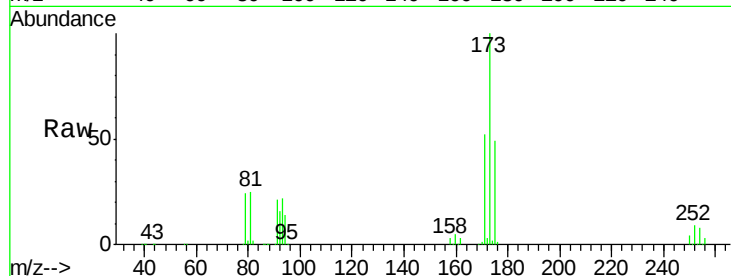
Tgt Ion:173 Resp: 74994

Ion Ratio Lower Upper

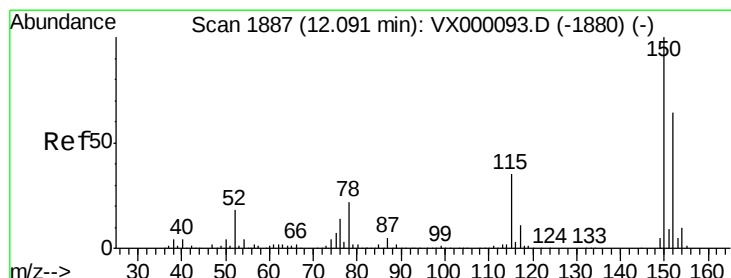
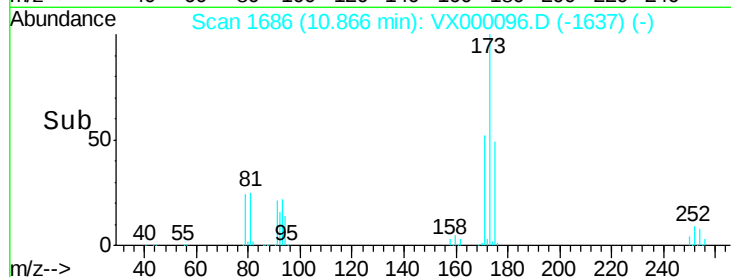
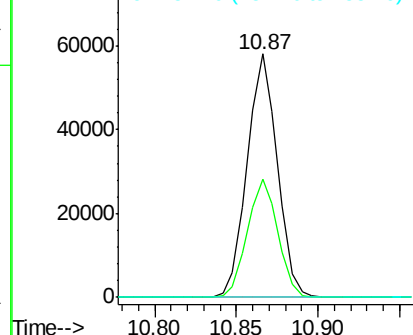
173 100

175 48.8 24.3 73.0

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

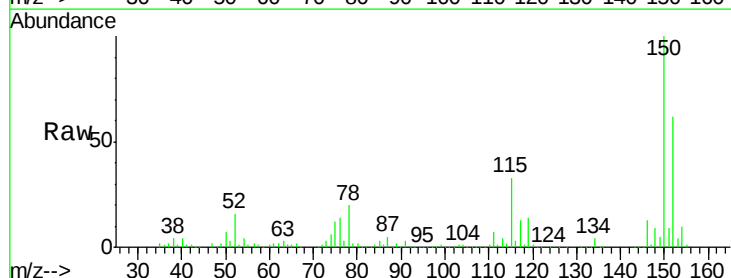
Tgt Ion:152 Resp: 127527

Ion Ratio Lower Upper

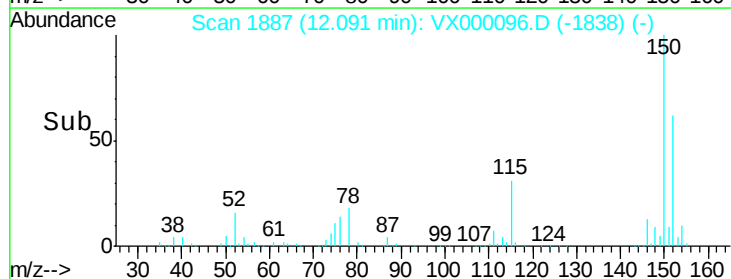
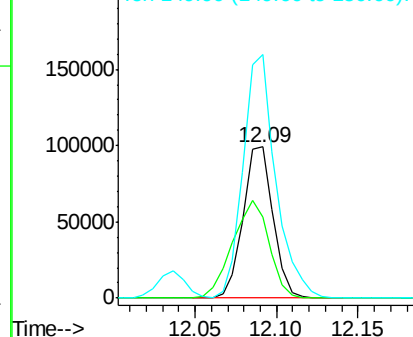
152 100

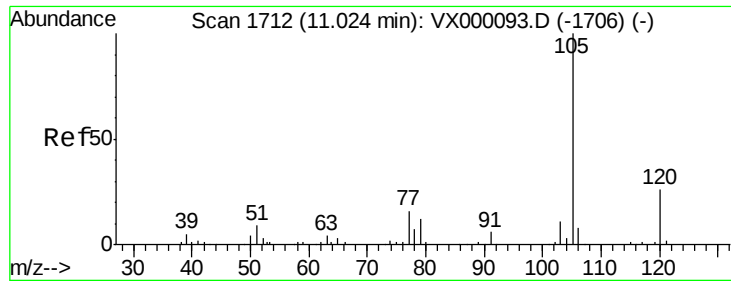
115 78.4 39.1 117.2

150 174.5 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

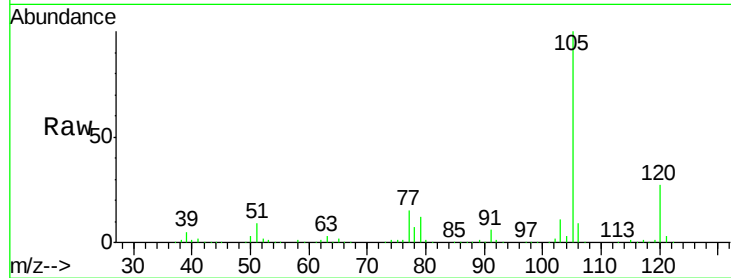
VSTDCCC050

Tgt Ion:105 Resp: 387457

Ion Ratio Lower Upper

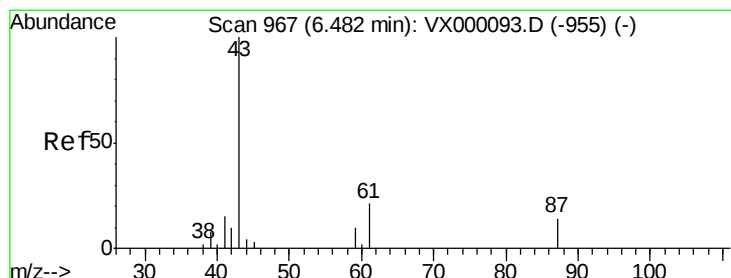
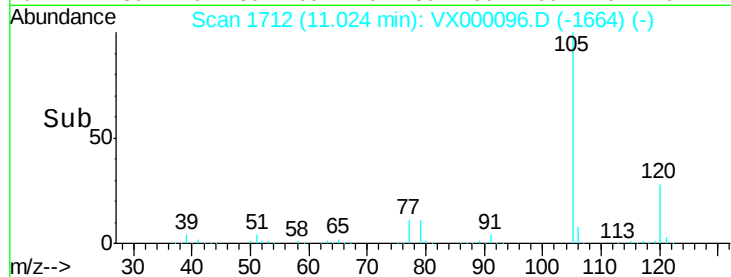
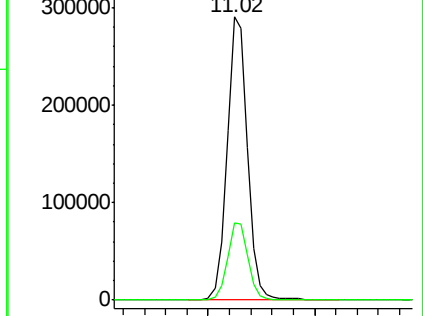
105 100

120 27.8 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.59 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion: 43 Resp: 182053

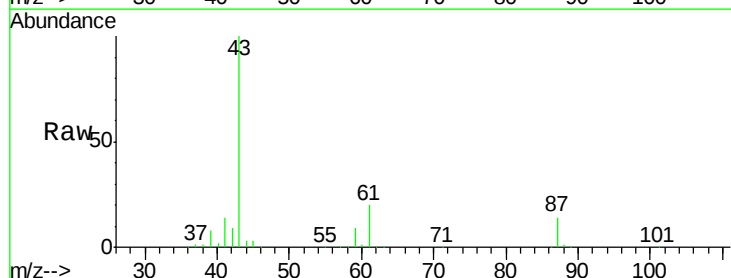
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.4 15.6 23.4

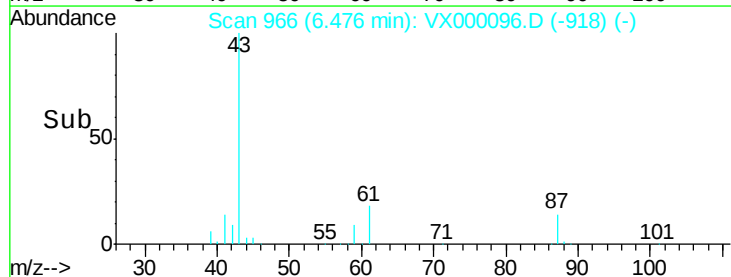
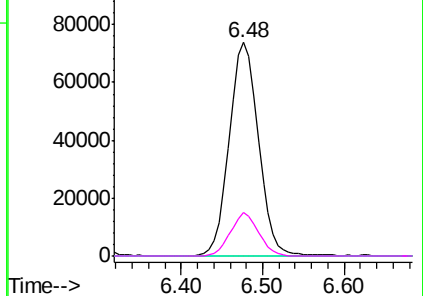


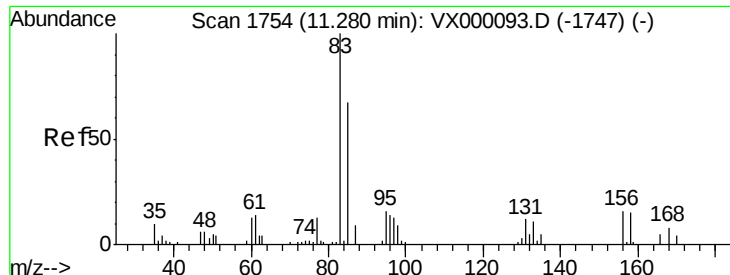
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.22 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

VSTDCCC050

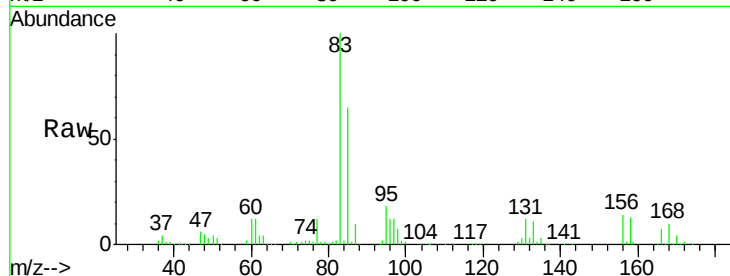
Tgt Ion: 83 Resp: 130104

Ion Ratio Lower Upper

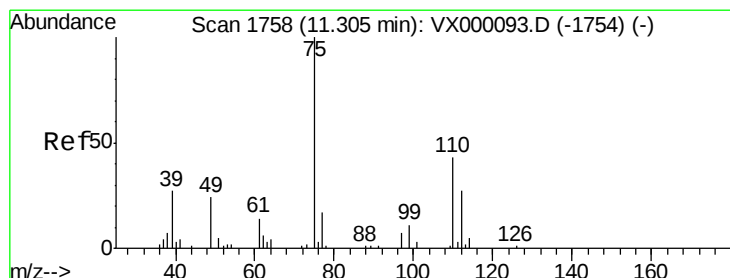
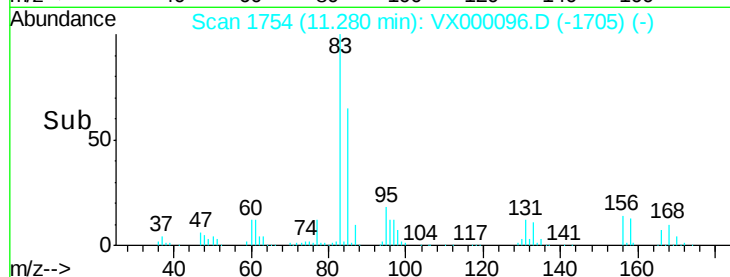
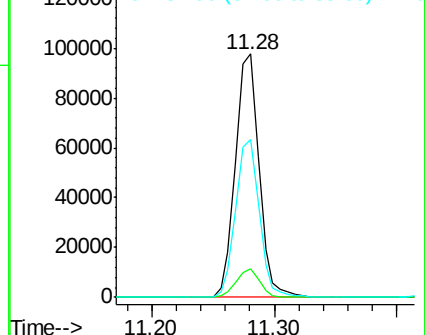
83 100

131 11.5 5.6 16.8

85 65.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.43 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000096.D

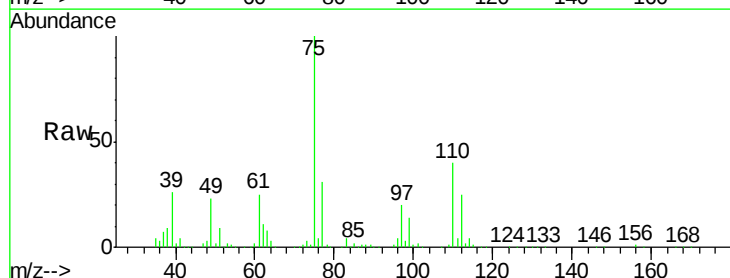
Acq: 15 Feb 2018 10:48

Tgt Ion: 75 Resp: 167557

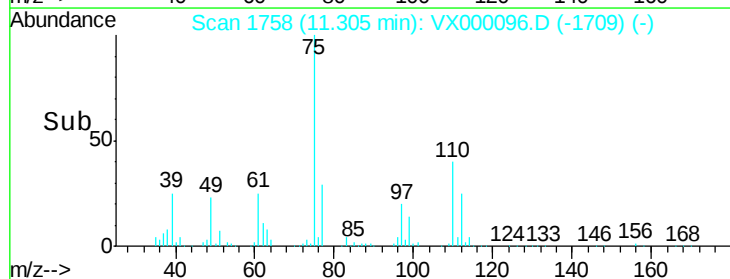
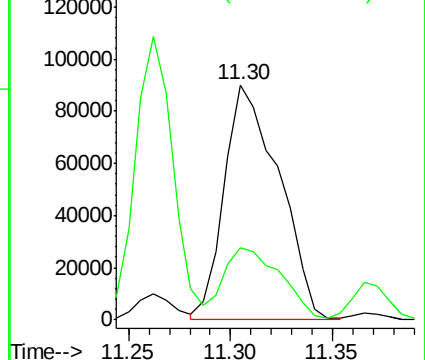
Ion Ratio Lower Upper

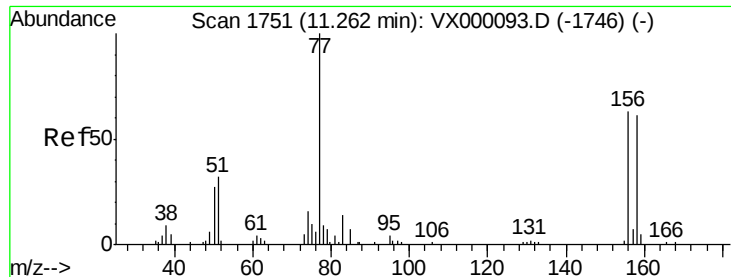
75 100

77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.09 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

VSTDCCC050

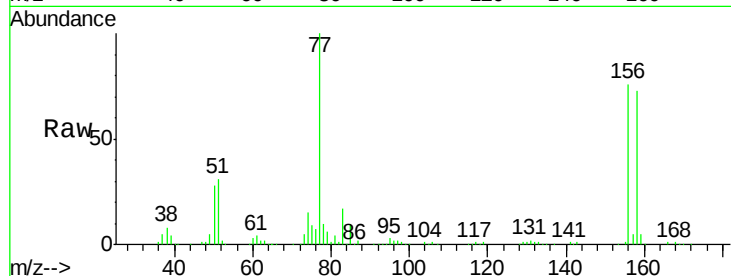
Tgt Ion:156 Resp: 105332

Ion Ratio Lower Upper

156 100

77 132.6 67.0 201.0

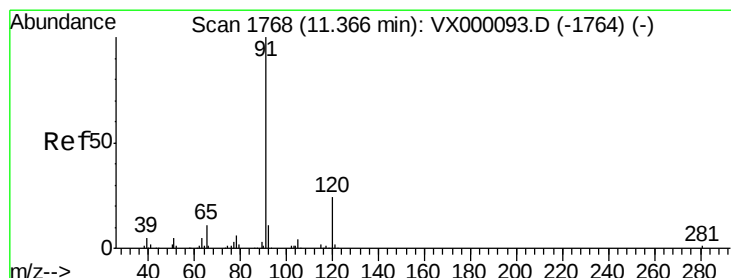
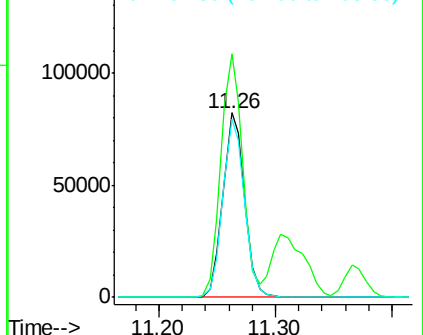
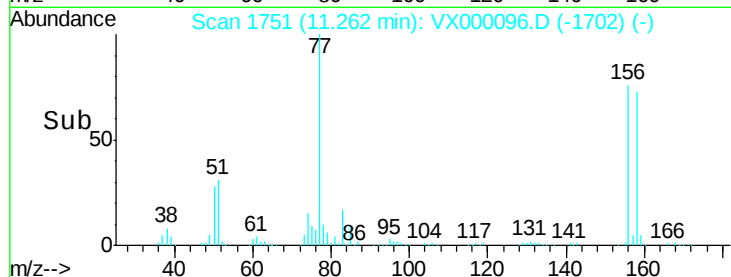
158 96.8 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000096.D

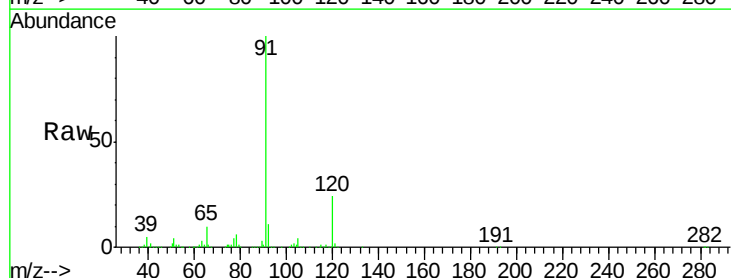
Acq: 15 Feb 2018 10:48

Tgt Ion: 91 Resp: 458880

Ion Ratio Lower Upper

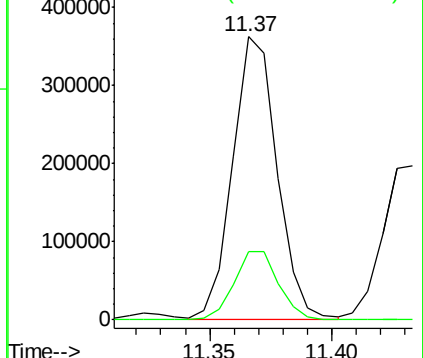
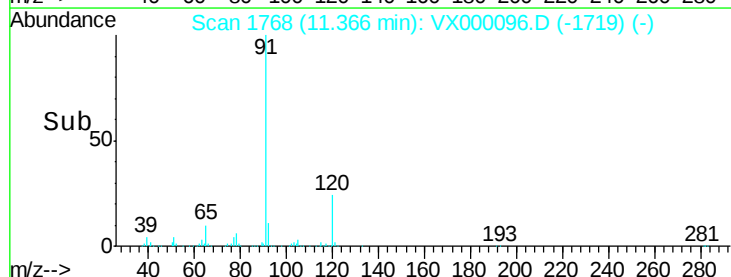
91 100

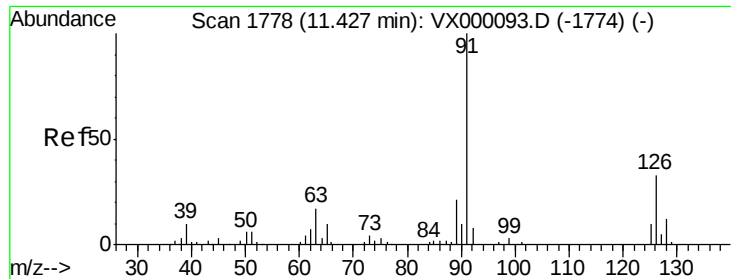
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

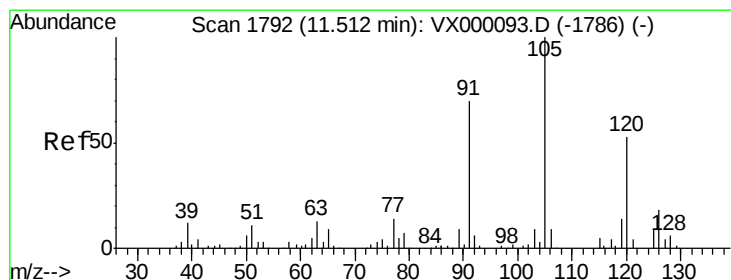
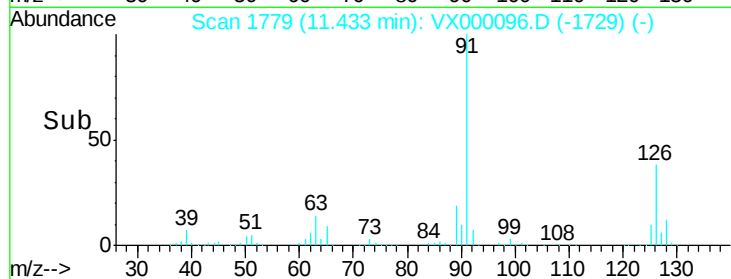
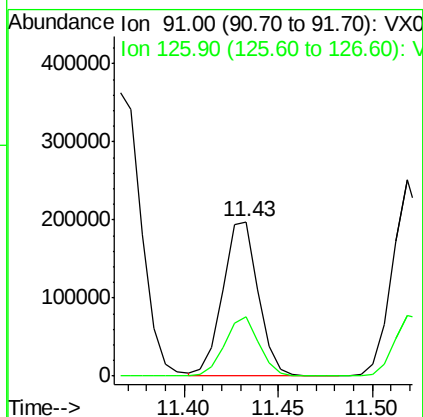
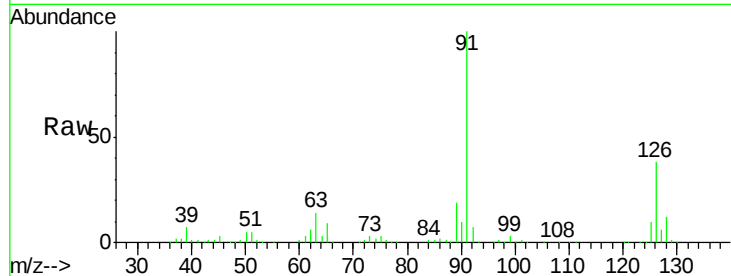




#79
 2-Chlorotoluene
 Concen: 47.82 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

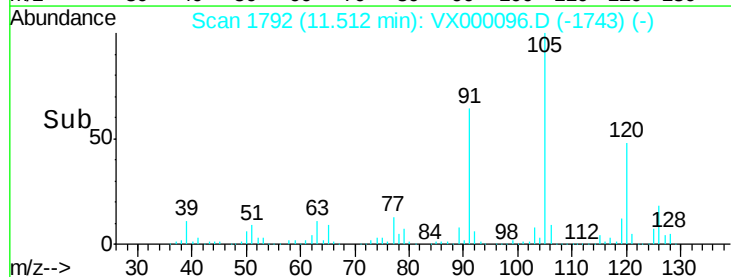
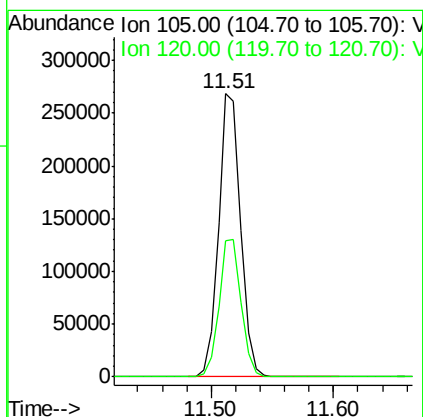
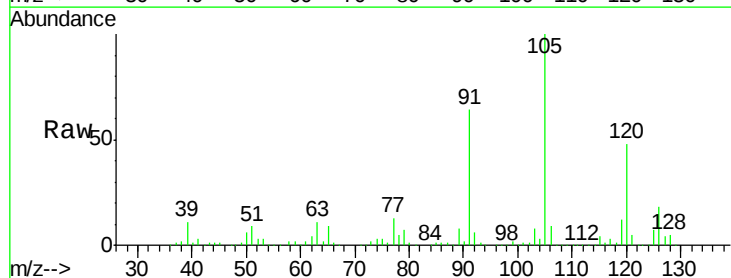
Instrument :
 ClientSampled :
 VSTDCCC050

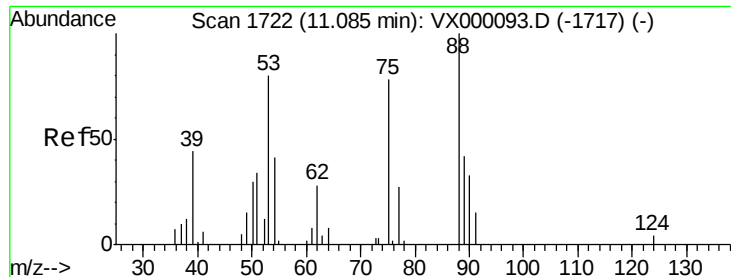
Tgt Ion: 91 Resp: 260721
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 49.19 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 105 Resp: 336107
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.6

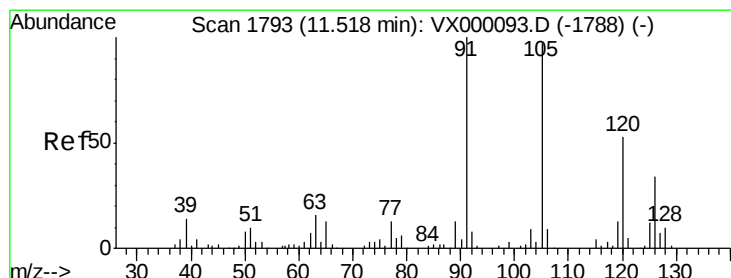
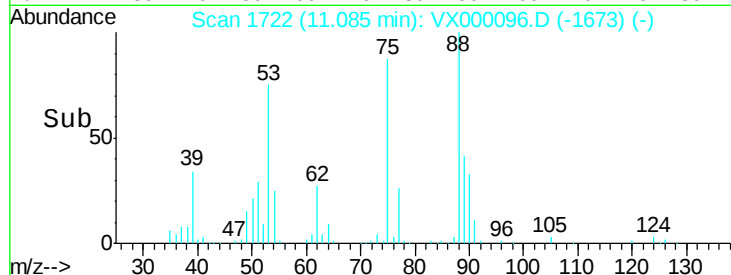
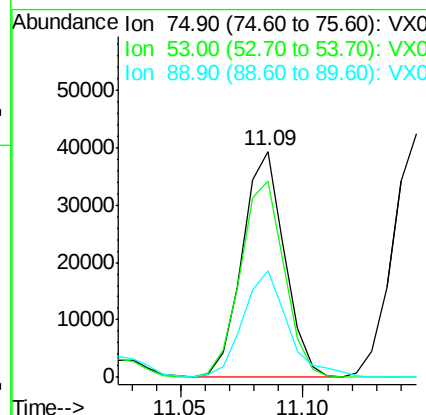
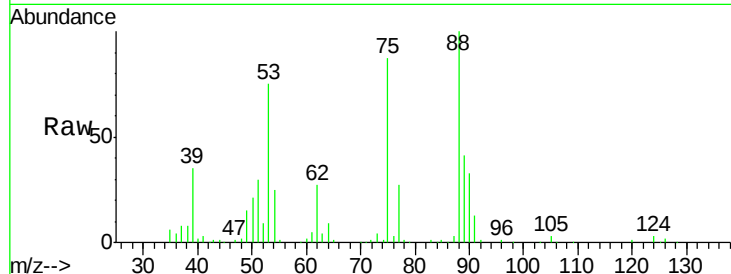




#81
trans-1,4-Dichloro-2-butene
Concen: 50.56 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

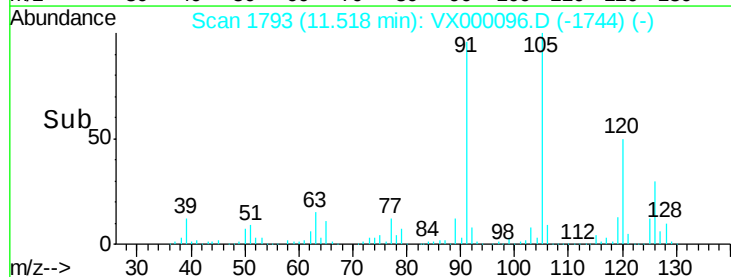
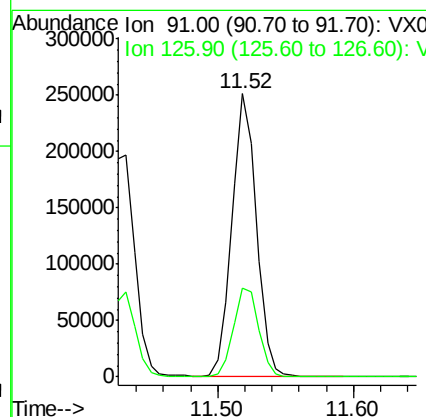
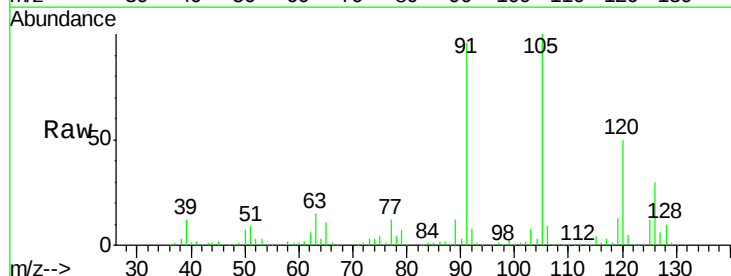
Instrument :
ClientSampleId :
VSTDCCC050

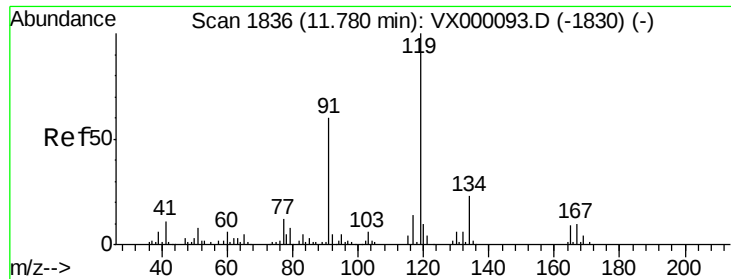
Tgt Ion: 75 Resp: 46900
Ion Ratio Lower Upper
75 100
53 90.5 72.3 108.5
89 51.0 40.6 60.8



#82
4-Chlorotoluene
Concen: 47.69 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 91 Resp: 314545
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0

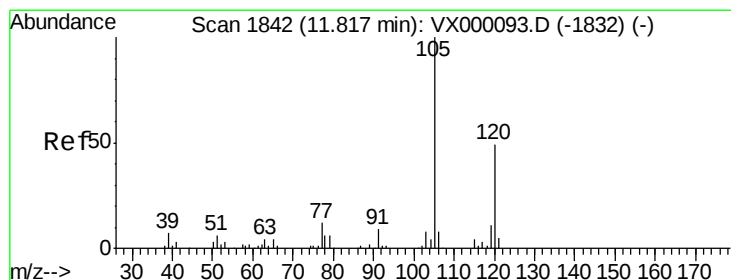
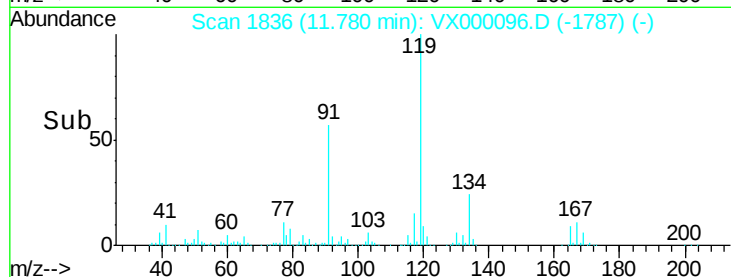
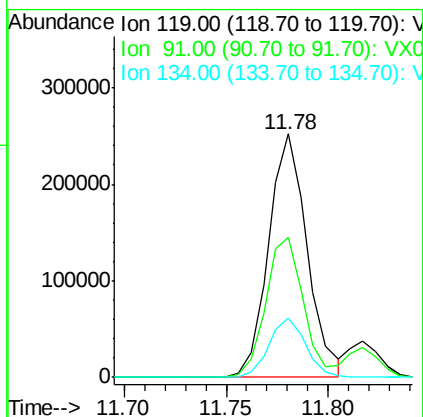
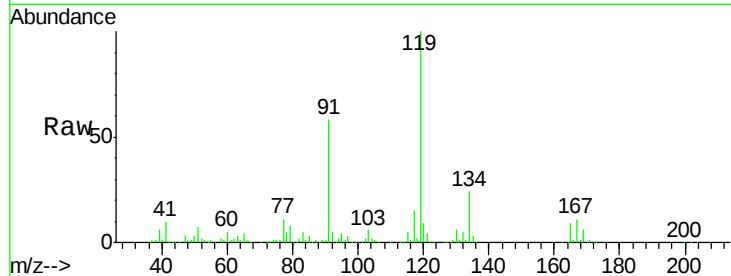




#83
 tert-Butylbenzene
 Concen: 48.11 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

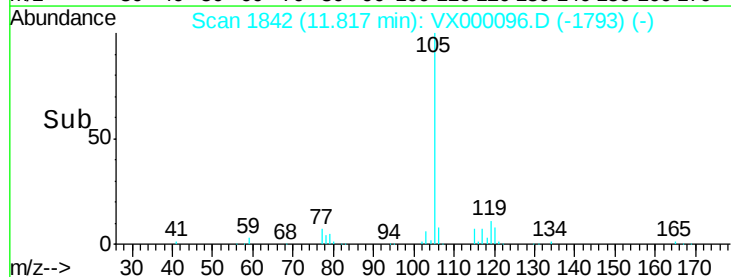
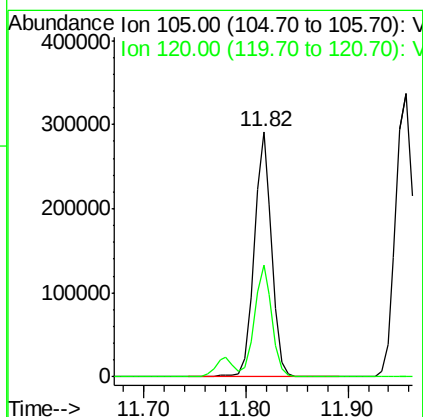
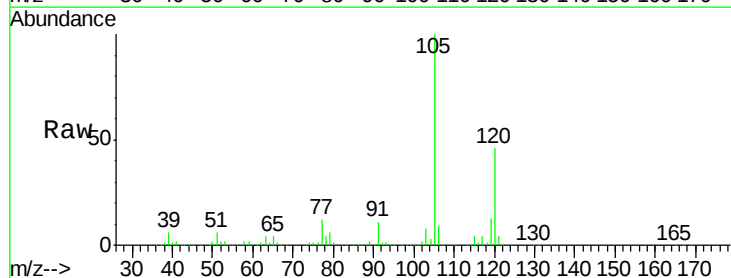
Instrument :
 ClientSampleId :
 VSTDCCC050

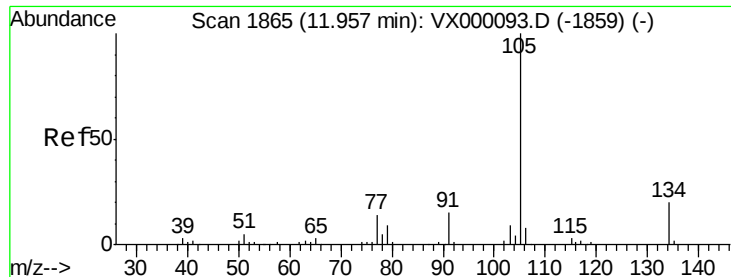
Tgt Ion:119 Resp: 331958
 Ion Ratio Lower Upper
 119 100
 91 55.3 28.4 85.2
 134 23.4 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.99 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion:105 Resp: 347533
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2

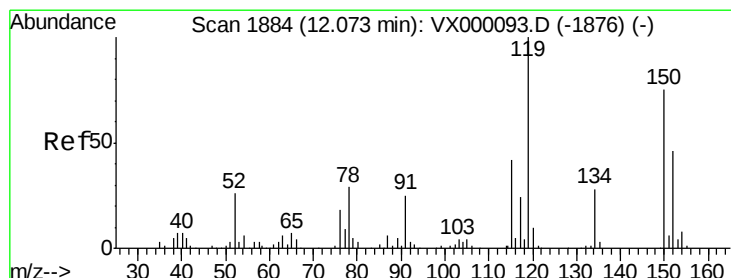
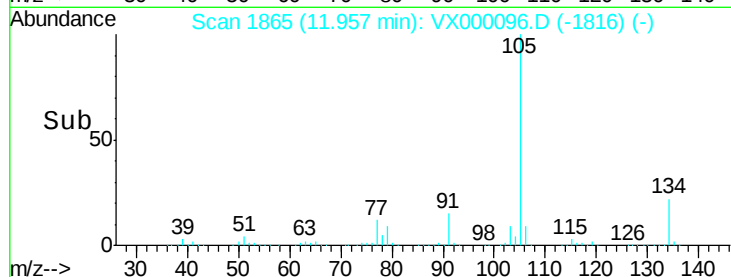
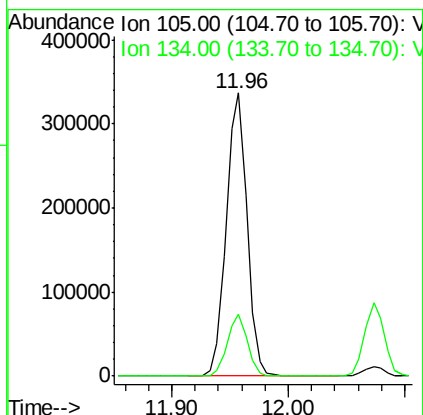
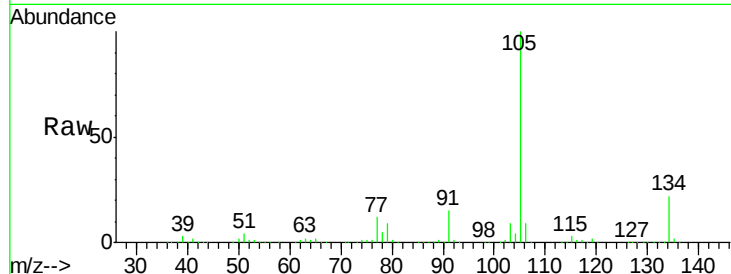




#85
 sec-Butylbenzene
 Concen: 48.36 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

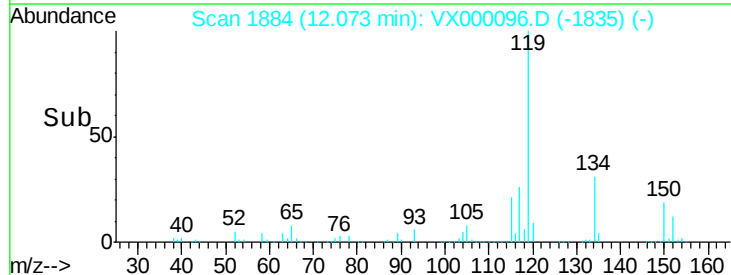
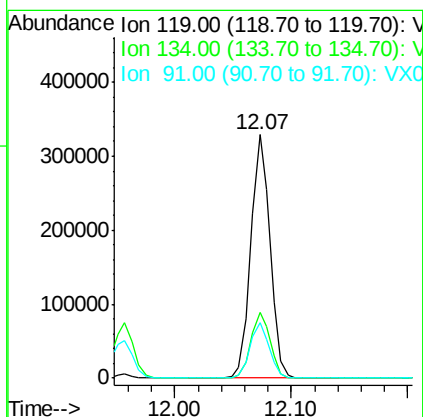
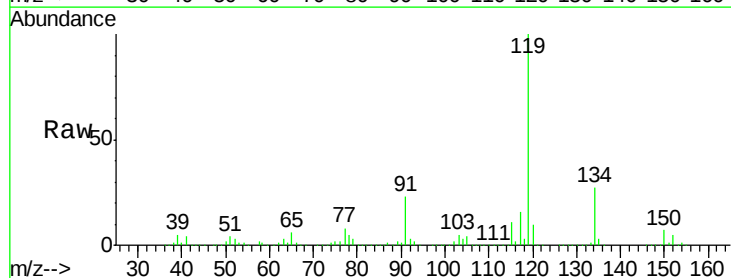
Instrument :
 ClientSampleId :
 VSTDCCC050

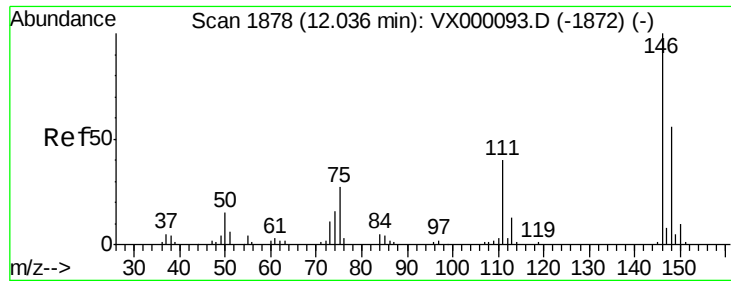
Tgt Ion:105 Resp: 414392
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 49.51 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion:119 Resp: 379127
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.7 41.0
 91 23.2 11.7 35.0

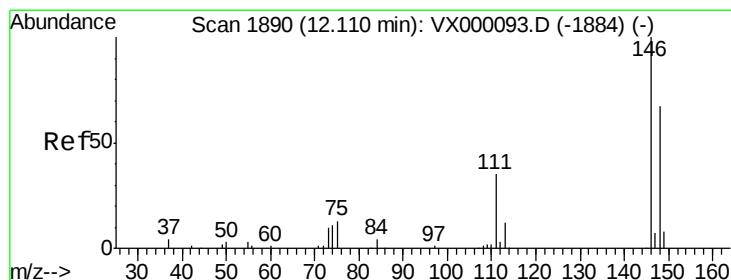
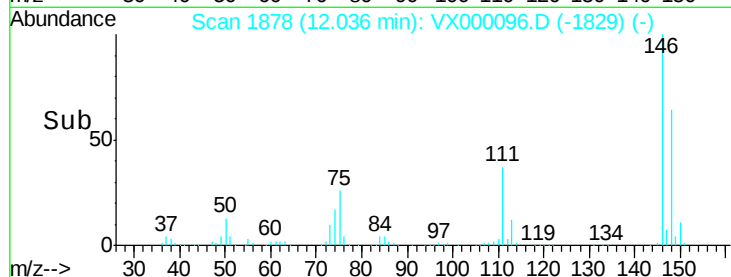
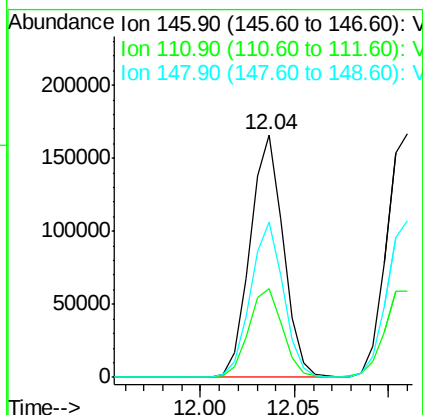
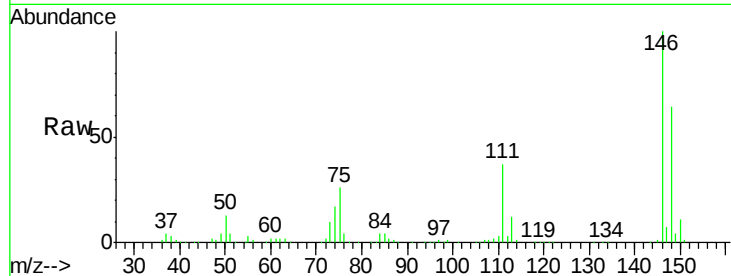




#87
 1,3-Dichlorobenzene
 Concen: 48.24 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

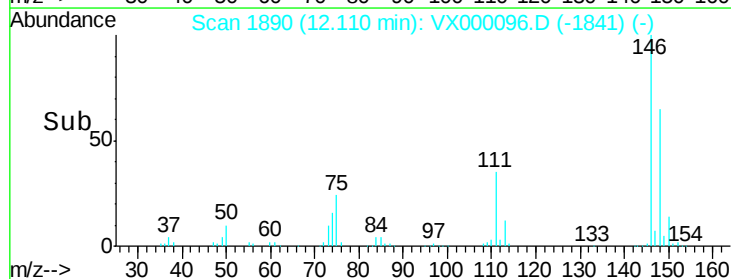
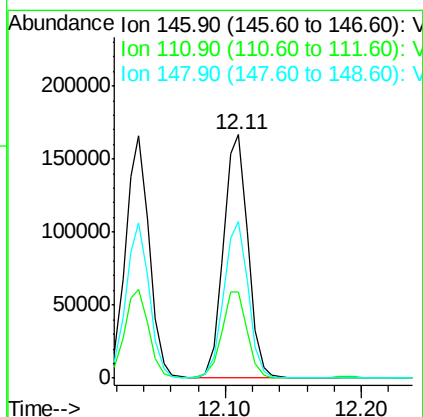
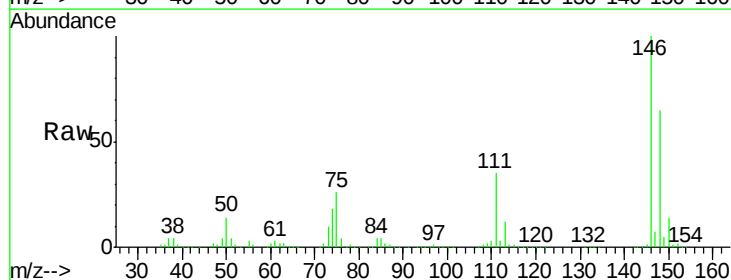
Instrument :
 ClientSampled :
 VSTDCCC050

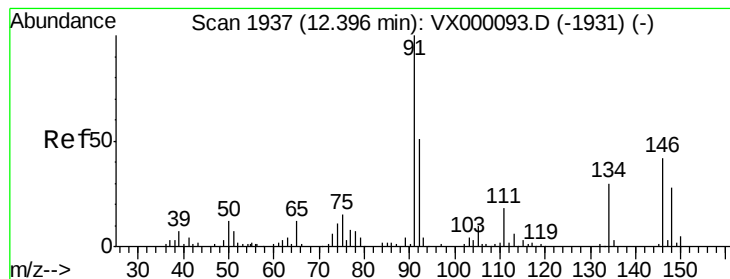
Tgt Ion:146 Resp: 202738
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.3
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 47.80 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion:146 Resp: 207528
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 49.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

VSTDCCC050

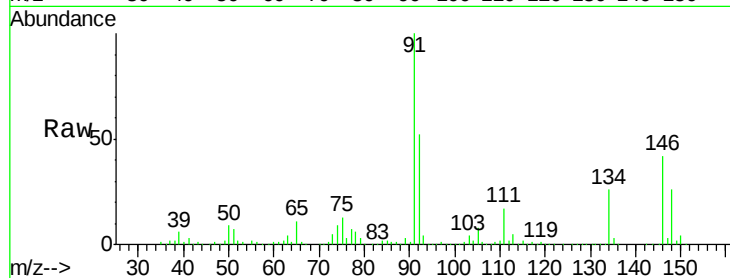
Tgt Ion: 91 Resp: 356508

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.6

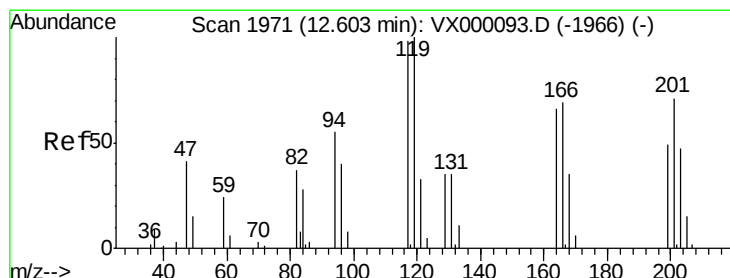
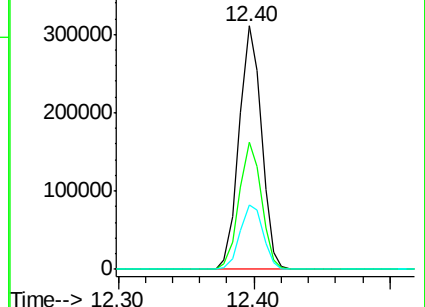
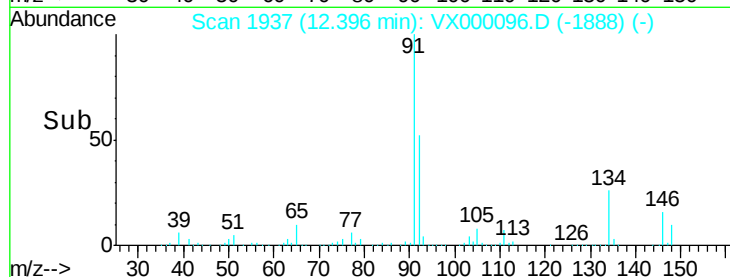
134 27.4 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX000093.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX000093.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX000093.D (-1931) (-)



#90

Hexachloroethane

Concen: 50.41 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000096.D

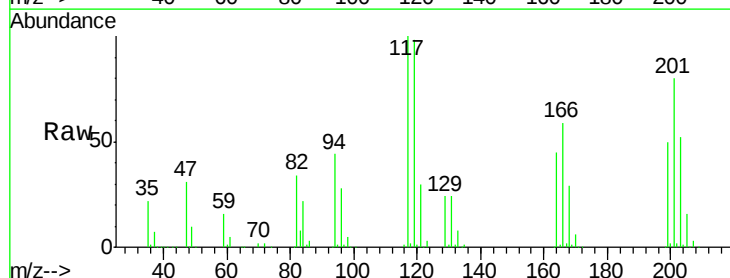
Acq: 15 Feb 2018 10:48

Tgt Ion: 117 Resp: 62845

Ion Ratio Lower Upper

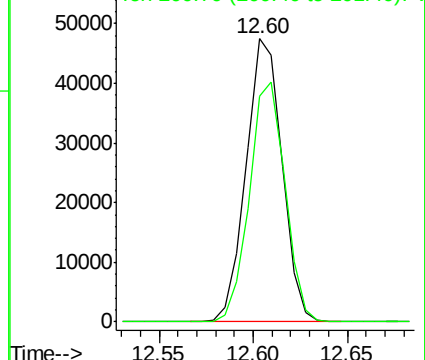
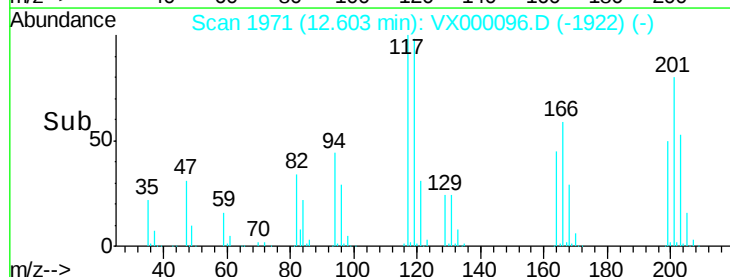
117 100

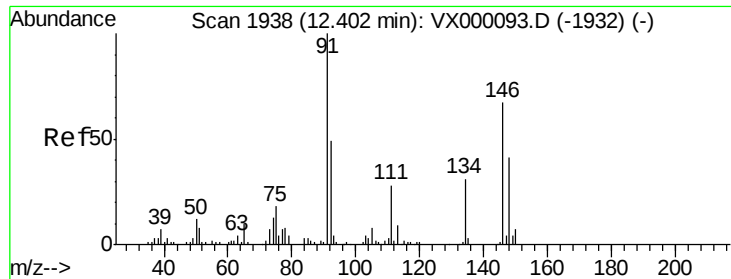
201 84.0 41.1 123.4



Abundance Ion 116.80 (116.50 to 117.50): VX000093.D (-1966) (-)

Ion 200.70 (200.40 to 201.40): VX000093.D (-1966) (-)

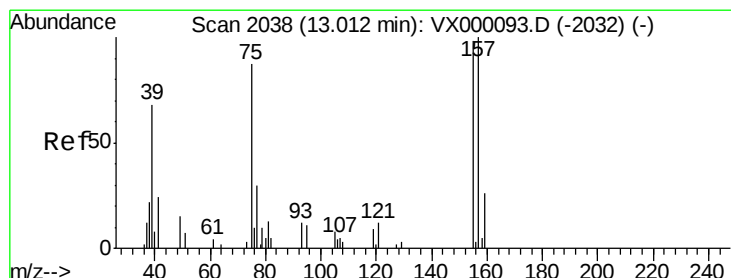
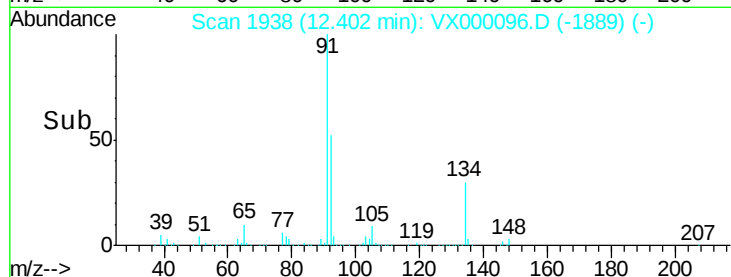
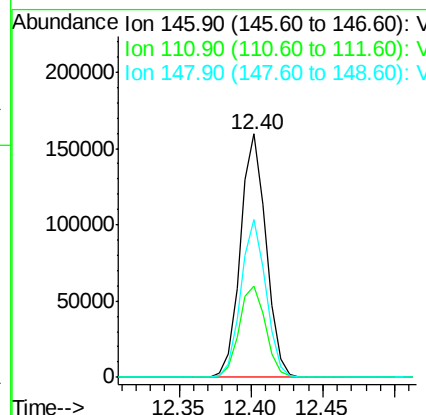
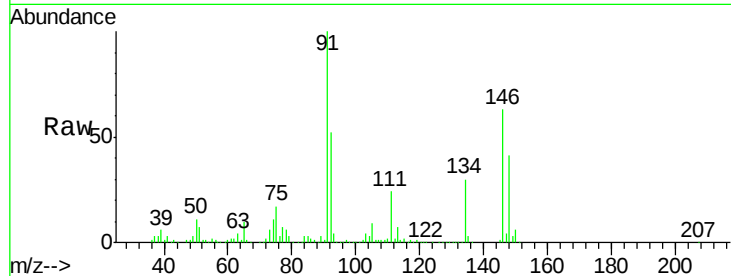




#91
 1,2-Dichlorobenzene
 Concen: 47.83 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

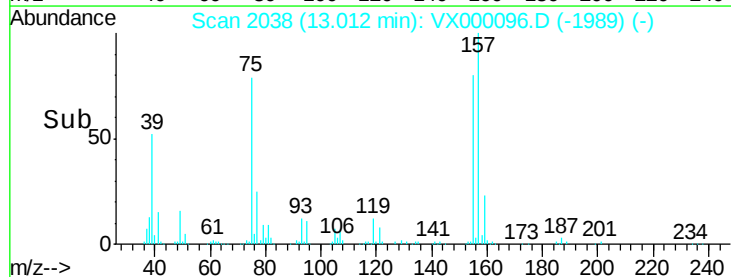
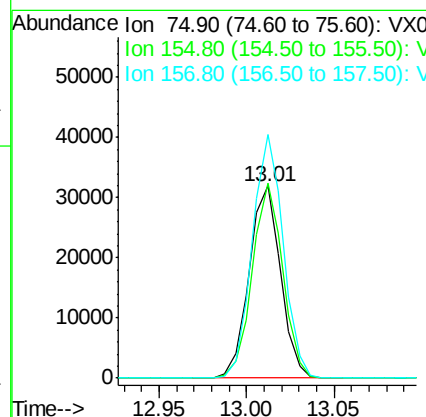
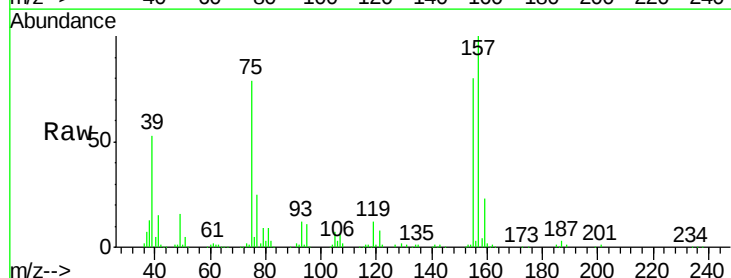
Instrument :
 ClientSampled :
 VSTDCCC050

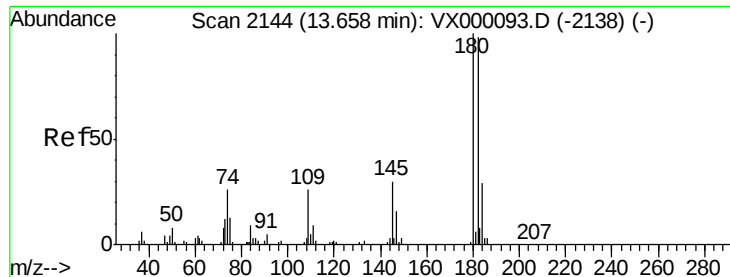
Tgt Ion:146 Resp: 197814
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.8
 148 63.5 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.93 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 75 Resp: 39791
 Ion Ratio Lower Upper
 75 100
 155 98.1 49.3 147.9
 157 124.5 63.7 191.1

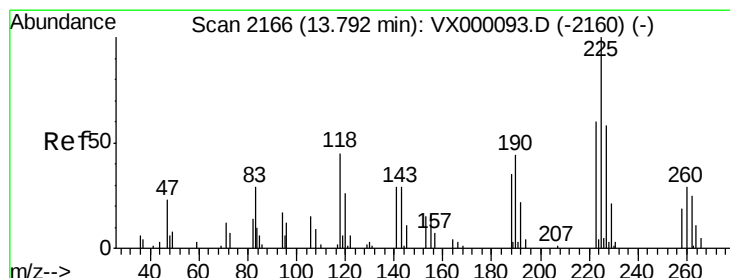
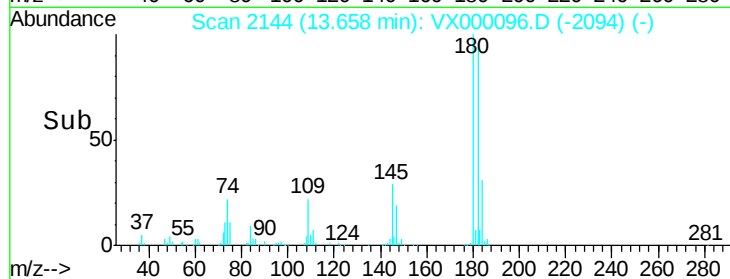
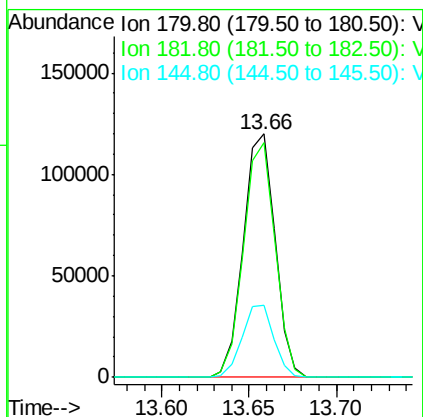
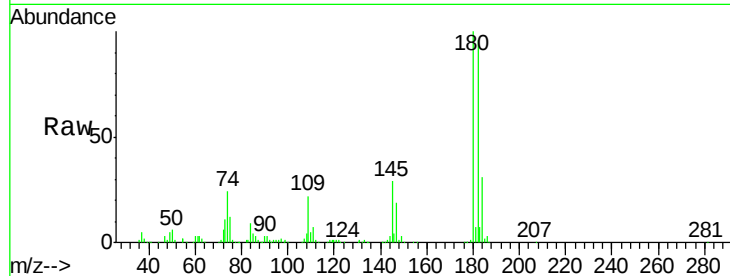




#93
 1,2,4-Trichlorobenzene
 Concen: 49.11 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

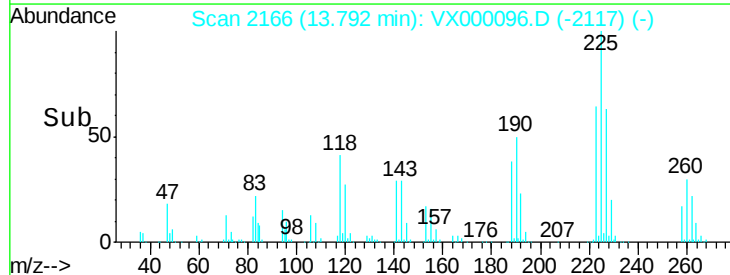
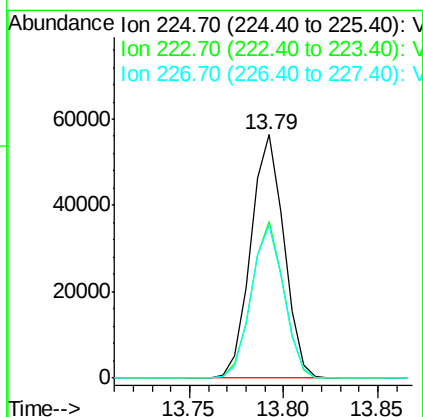
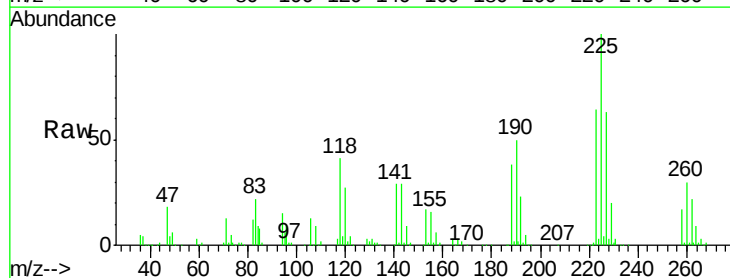
Instrument :
 ClientSampled :
 VSTDCCC050

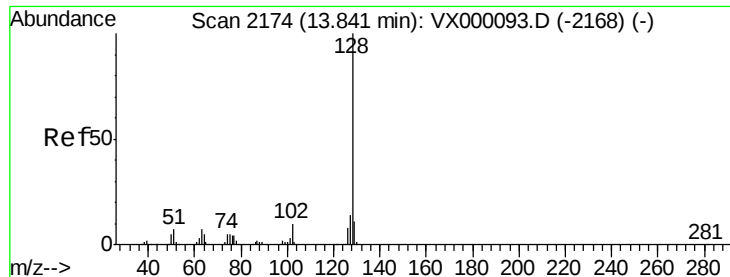
Tgt Ion:180 Resp: 152393
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.4
 145 29.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 50.52 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion:225 Resp: 68403
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.7
 227 62.1 32.8 98.4

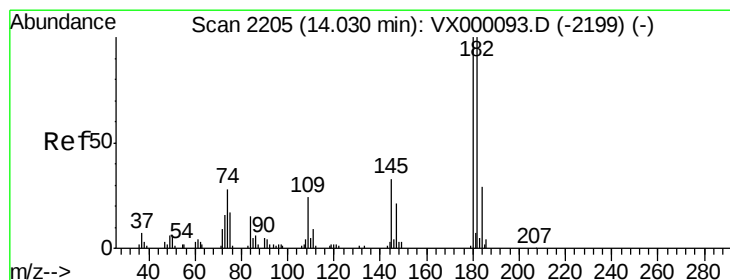
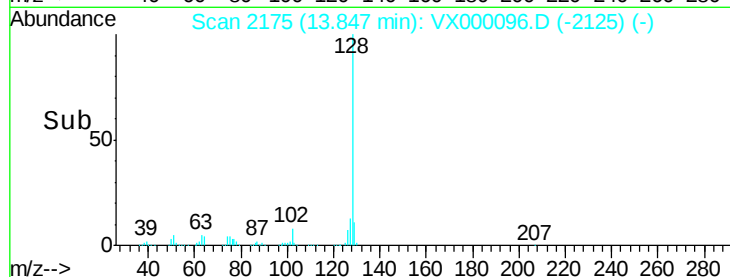
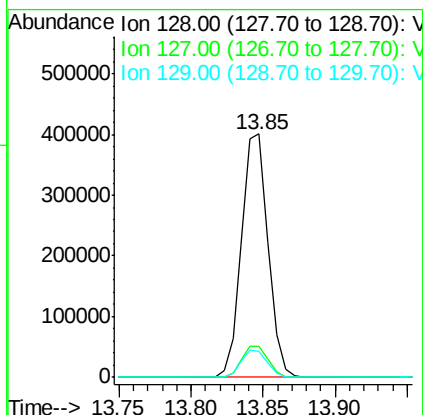
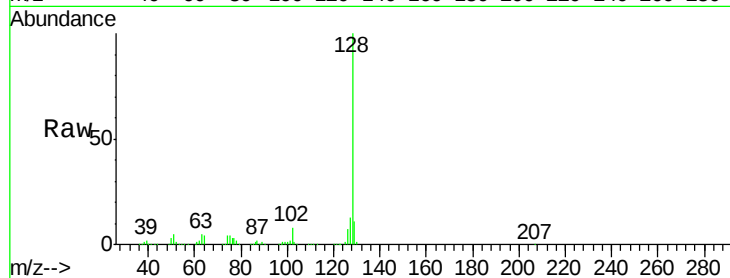




#95
Naphthalene
Concen: 48.59 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion:128 Resp: 511181
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.21 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:180 Resp: 147678
Ion Ratio Lower Upper
180 100
182 95.9 48.2 144.6
145 31.3 15.3 45.9

