

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000557.D
 Acq On : 30 Mar 2018 13:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 13:38:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	83017	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.51	113	66241	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	8.72	98	281643	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	11.15	95	118111	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	59016	41.48	ug/l	97
3) Chloromethane	1.32	50	63531	42.38	ug/l	98
4) Vinyl Chloride	1.40	62	80611	50.90	ug/l	98
5) Bromomethane	1.64	94	135149	71.26	ug/l	98
6) Chloroethane	1.72	64	59243	61.11	ug/l	98
7) Trichlorofluoromethane	1.93	101	150206	52.54	ug/l	96
8) Diethyl Ether	2.19	74	51361	50.28	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83413	52.33	ug/l	99
10) Methyl Iodide	2.51	142	71483	45.67	ug/l	99
11) Tert butyl alcohol	3.08	59	144325	248.98	ug/l	100
12) 1,1-Dichloroethene	2.37	96	74068	52.93	ug/l	96
13) Acrolein	2.30	56	95949	502.76	ug/l	98
14) Allyl chloride	2.73	41	135039	54.65	ug/l	98
15) Acrylonitrile	3.15	53	301887	257.13	ug/l	100
16) Acetone	2.45	43	447403	319.15	ug/l	99
17) Carbon Disulfide	2.57	76	200334	53.82	ug/l	98
18) Methyl Acetate	2.78	43	146208	49.75	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	269138	52.00	ug/l	100
20) Methylene Chloride	2.86	84	81710	50.46	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	83319	53.38	ug/l	94
22) Diisopropyl ether	3.87	45	213958	48.91	ug/l	94
23) Vinyl Acetate	3.83	43	1230636	296.76	ug/l	98
24) 1,1-Dichloroethane	3.70	63	146293	53.19	ug/l	99
25) 2-Butanone	4.71	43	403641	256.16	ug/l	98
26) 2,2-Dichloropropane	4.59	77	89376	46.37	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	69659	47.75	ug/l	98
28) Bromochloromethane	5.03	49	59008	52.03	ug/l	99
29) Tetrahydrofuran	5.18	42	235146	242.55	ug/l	99
30) Chloroform	5.22	83	132240	51.31	ug/l	100
31) Cyclohexane	5.59	56	107016	50.33	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	117373	50.48	ug/l	99
36) 1,1-Dichloropropene	5.81	75	101253	53.24	ug/l	99
37) Ethyl Acetate	4.87	43	127517	49.08	ug/l	98
38) Carbon Tetrachloride	5.79	117	103167	51.70	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	125469	54.24	ug/l	96
40) Benzene	6.15	78	295614	53.52	ug/l	98
41) Methacrylonitrile	5.07	41	65111	47.54	ug/l	97
42) 1,2-Dichloroethane	6.20	62	114306	52.75	ug/l	99
43) Isopropyl Acetate	6.48	43	200939	51.96	ug/l	99
44) Trichloroethene	7.22	130	83727	52.91	ug/l	99
45) 1,2-Dichloropropane	7.53	63	76393	54.03	ug/l	97
46) Dibromomethane	7.67	93	58507	52.72	ug/l	96
47) Bromodichloromethane	7.91	83	107708	55.16	ug/l	99
48) Methyl methacrylate	7.79	41	98112	52.26	ug/l	98
49) 1,4-Dioxane	7.77	88	43455	1101.10	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	819017	273.61	ug/l	99
52) Toluene	8.79	92	220218	57.03	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	125714	55.56	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	126873	57.81	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	87593	55.16	ug/l	99
56) Ethyl methacrylate	9.19	69	134793	56.02	ug/l	99
57) 1,3-Dichloropropane	9.38	76	140295	55.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	275455	238.52	ug/l	99
59) 2-Hexanone	9.51	43	728453	286.60	ug/l	100
60) Dibromochloromethane	9.59	129	96598	51.29	ug/l	99
61) 1,2-Dibromoethane	9.68	107	99960	58.70	ug/l	97
64) Tetrachloroethene	9.34	164	91134	52.42	ug/l	95
65) Chlorobenzene	10.15	112	256441	51.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	87948	51.93	ug/l	97
67) Ethyl Benzene	10.26	91	448288	53.03	ug/l	98
68) m/p-Xylenes	10.37	106	374440	112.58	ug/l	99
69) o-Xylene	10.71	106	176880	54.92	ug/l	100
70) Styrene	10.72	104	307705	57.74	ug/l	98
71) Bromoform	10.87	173	78985	45.26	ug/l #	97
73) Isopropylbenzene	11.02	105	500266	47.95	ug/l	99
74) N-amyl acetate	6.48	43	200939	43.77	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	170710	46.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	195479	57.76	ug/l	84
77) Bromobenzene	11.26	156	123910	44.58	ug/l	99
78) n-propylbenzene	11.37	91	608316	48.89	ug/l	100
79) 2-Chlorotoluene	11.43	91	343545	47.80	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	453384	51.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	48381	46.28	ug/l	98
82) 4-Chlorotoluene	11.52	91	426498	49.70	ug/l	98
83) tert-Butylbenzene	11.78	119	433485	48.99	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	452382	49.18	ug/l	97
85) sec-Butylbenzene	11.95	105	556527	50.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	517499	53.22	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	261776	49.81	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	276758	50.16	ug/l	98
89) n-Butylbenzene	12.40	91	484225	53.49	ug/l	99
90) Hexachloroethane	12.60	117	76153	49.76	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	262138	50.88	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47557	46.20	ug/l	94

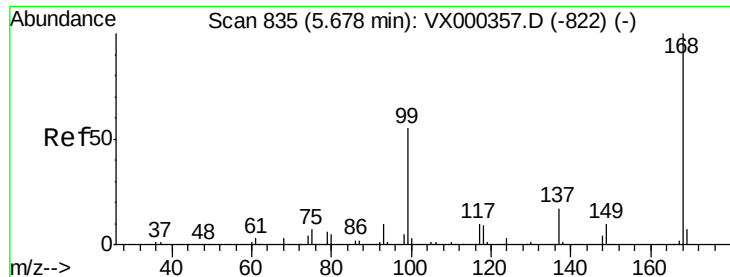
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180363	48.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	76352	49.92	ug/l	99
95) Naphthalene	13.84	128	629834	48.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	182701	50.05	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: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

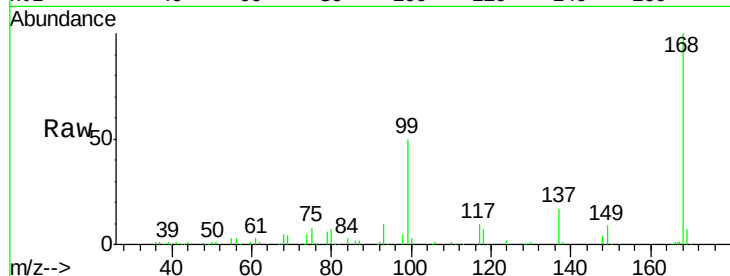
VSTDCCC050

Tgt Ion:168 Resp: 129099

Ion Ratio Lower Upper

168 100

99 50.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

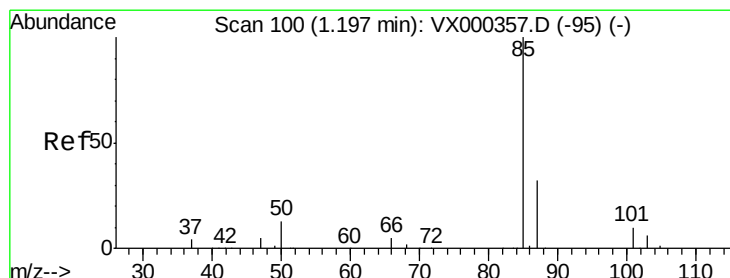
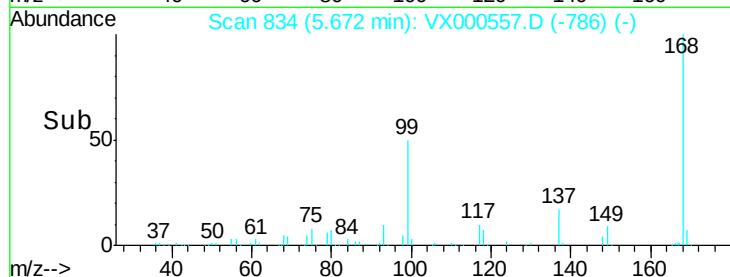
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.48 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000557.D

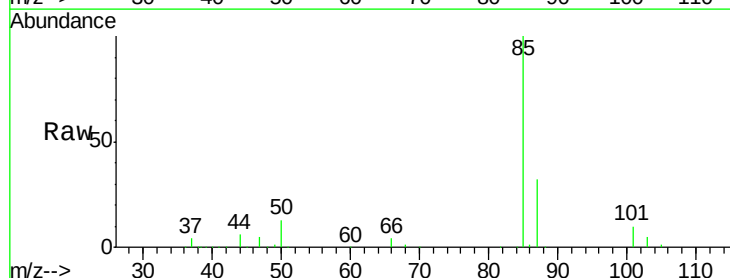
Acq: 30 Mar 2018 13:16

Tgt Ion: 85 Resp: 59016

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

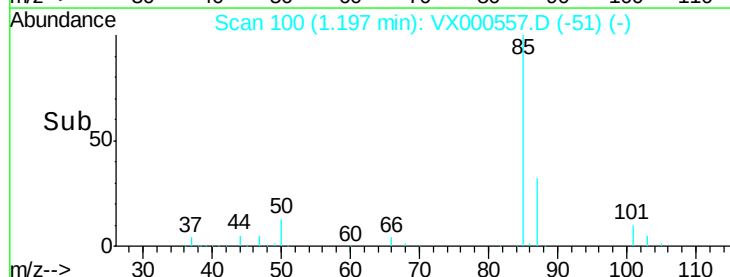
20000

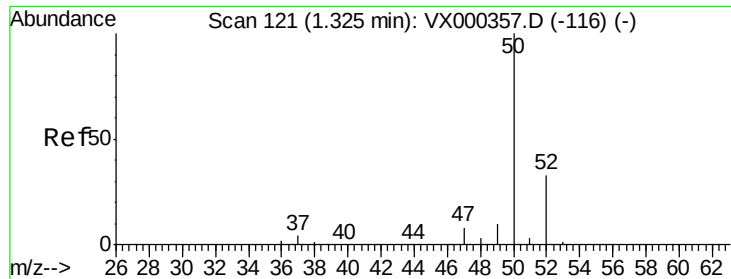
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 42.38 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

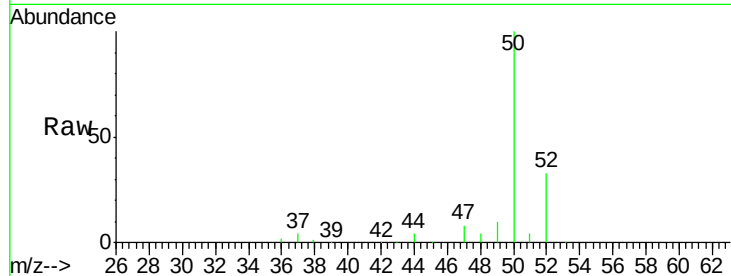
VSTDCCC050

Tgt Ion: 50 Resp: 63531

Ion Ratio Lower Upper

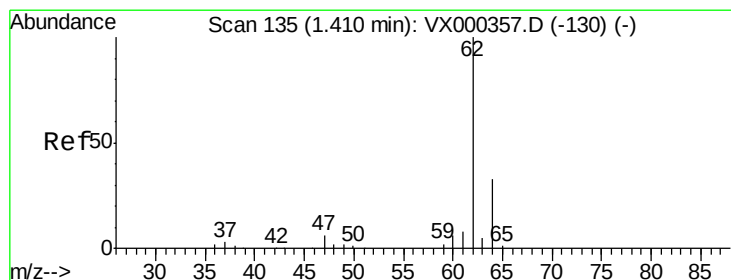
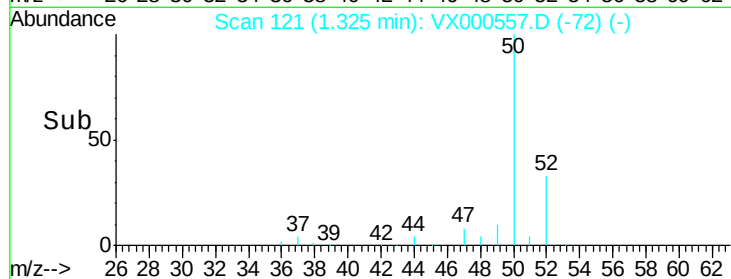
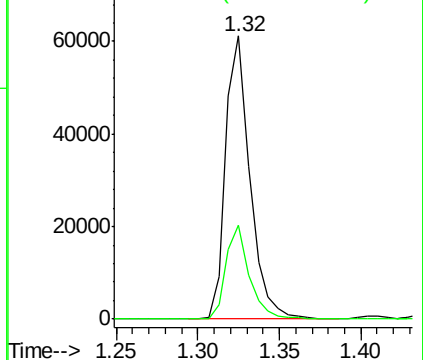
50 100

52 33.2 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.90 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000557.D

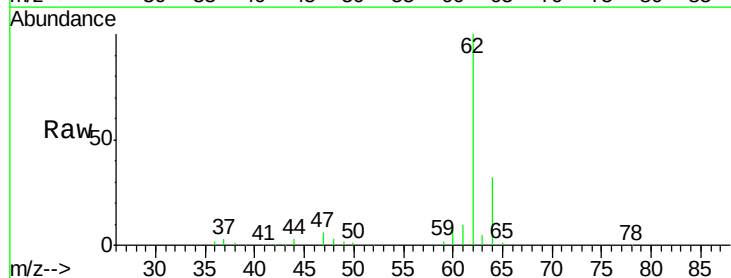
Acq: 30 Mar 2018 13:16

Tgt Ion: 62 Resp: 80611

Ion Ratio Lower Upper

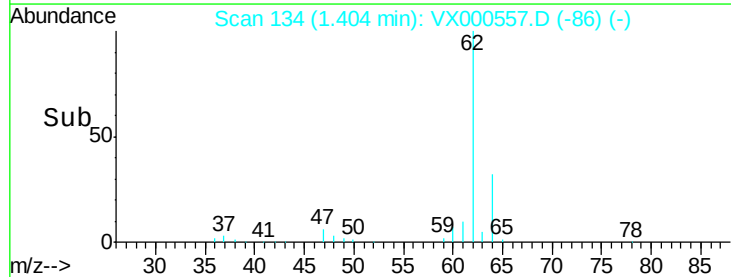
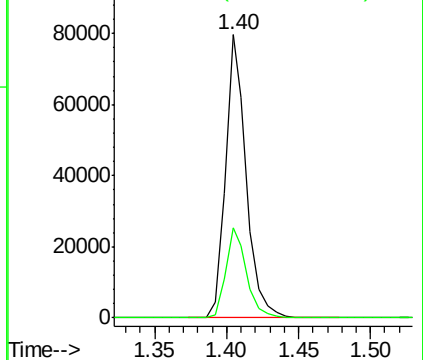
62 100

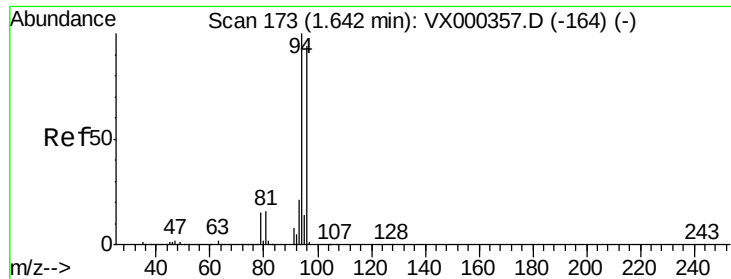
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 71.26 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

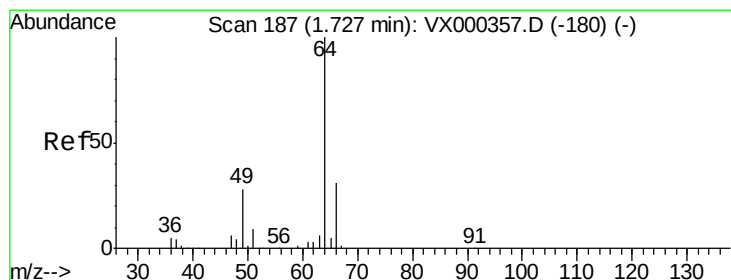
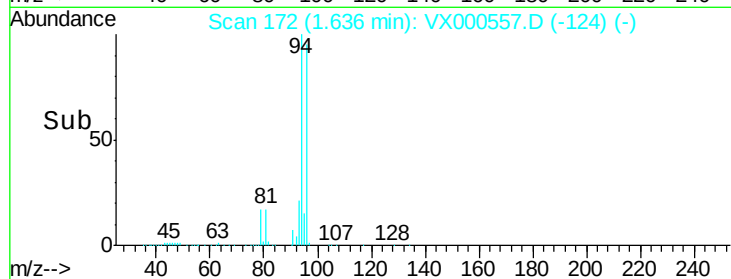
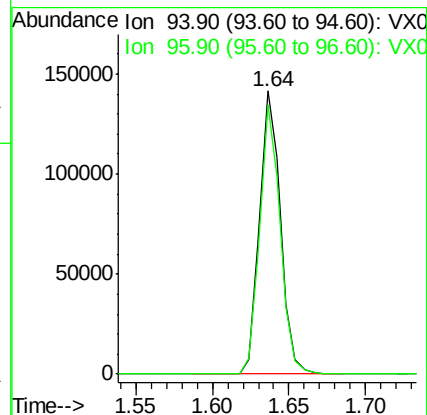
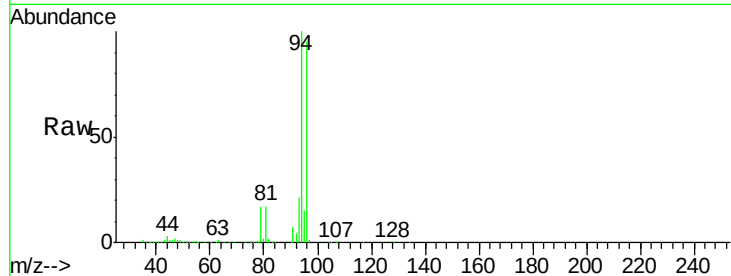
VSTDCCC050

Tgt Ion: 94 Resp: 135149

Ion Ratio Lower Upper

94 100

96 95.1 77.7 116.5



#6

Chloroethane

Concen: 61.11 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000557.D

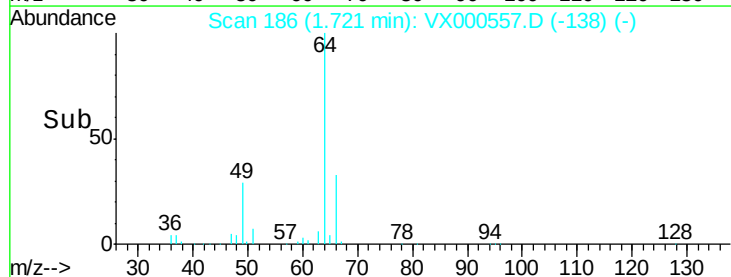
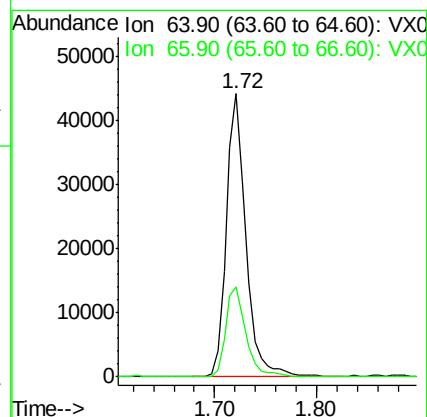
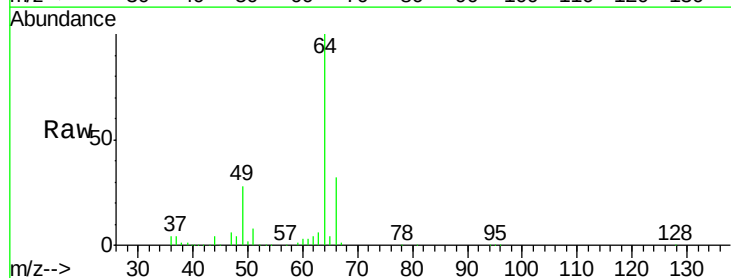
Acq: 30 Mar 2018 13:16

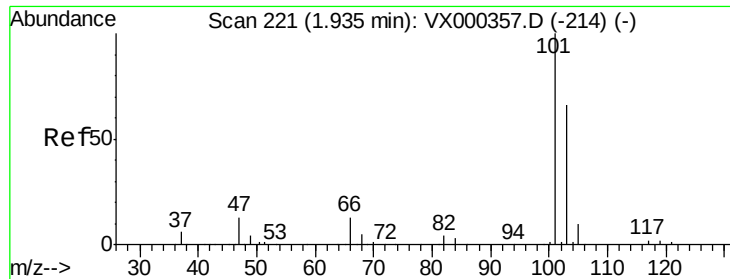
Tgt Ion: 64 Resp: 59243

Ion Ratio Lower Upper

64 100

66 32.0 24.8 37.2



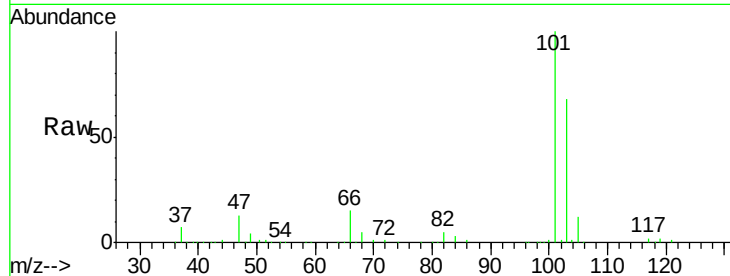


#7

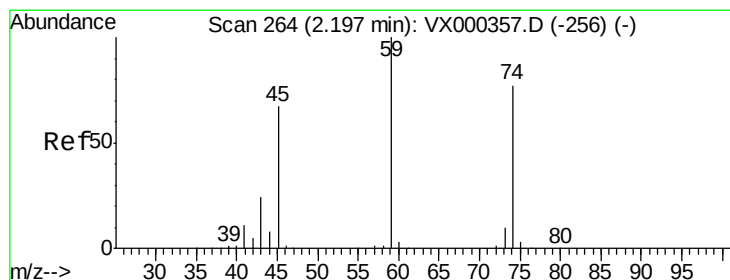
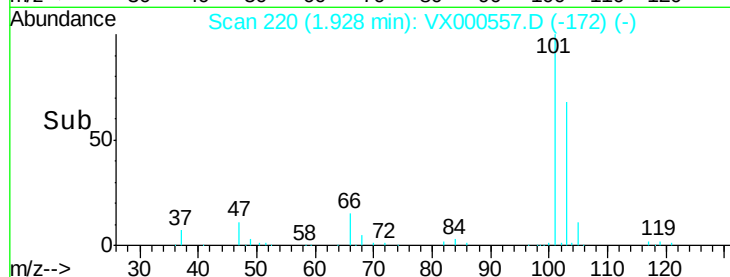
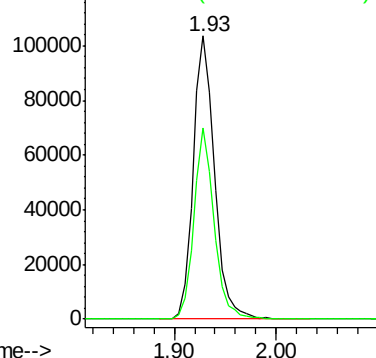
Trichlorofluoromethane
 Concen: 52.54 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 150206
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.6 77.4



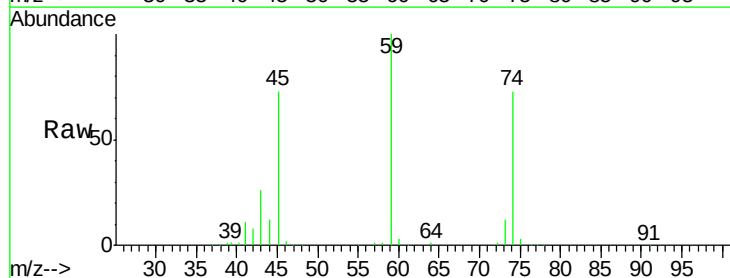
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



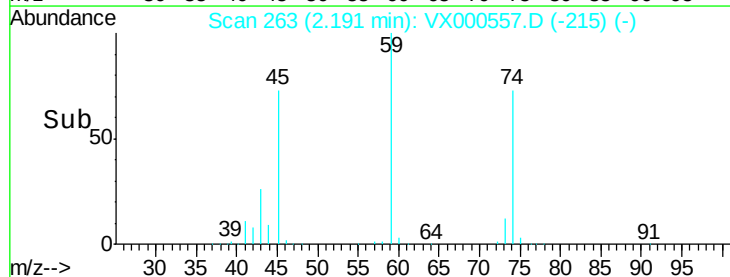
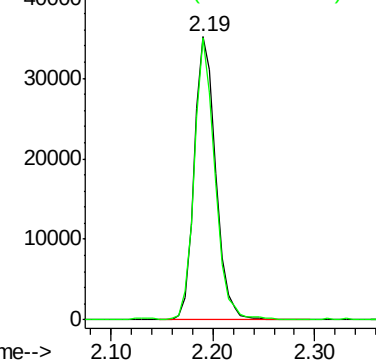
#8

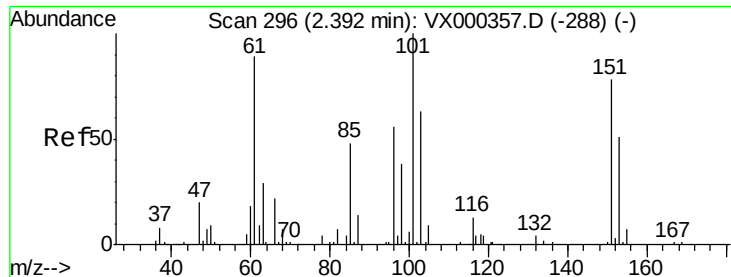
Diethyl Ether
 Concen: 50.28 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion: 74 Resp: 51361
 Ion Ratio Lower Upper
 74 100
 45 95.0 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.33 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

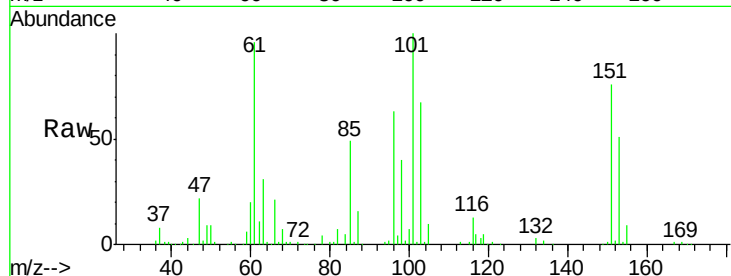
Tgt Ion:101 Resp: 83413

Ion Ratio Lower Upper

101 100

85 48.9 37.6 56.4

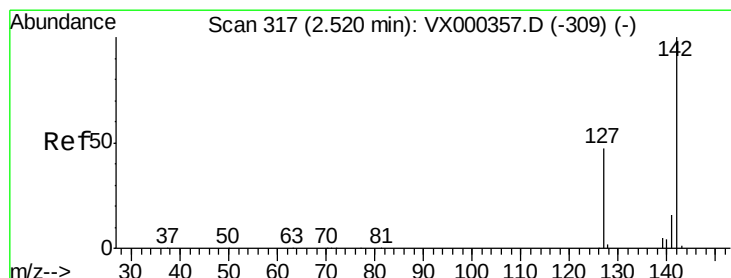
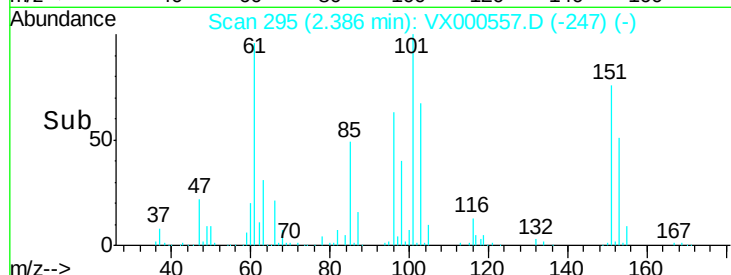
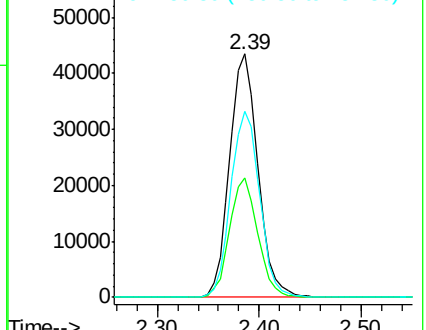
151 77.8 62.6 93.8



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: 45.67 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

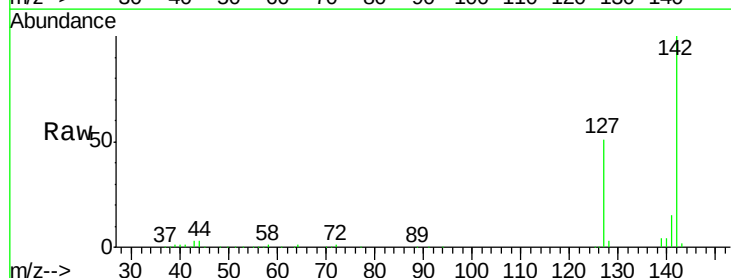
Tgt Ion:142 Resp: 71483

Ion Ratio Lower Upper

142 100

127 49.5 39.2 58.8

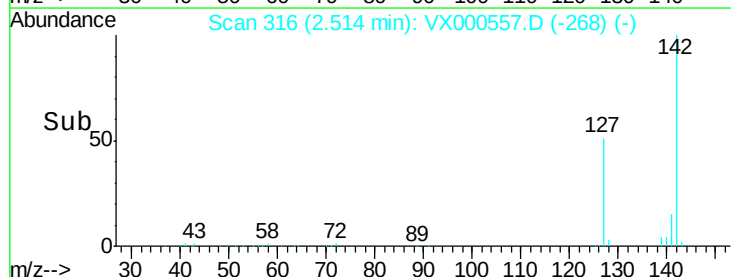
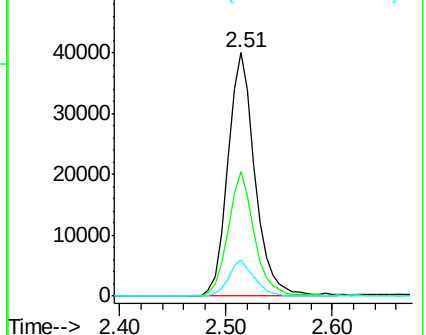
141 14.2 11.7 17.5

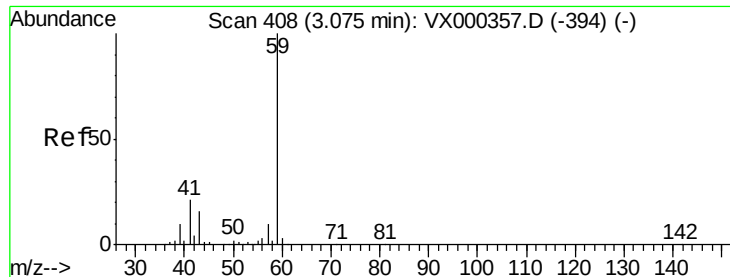


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

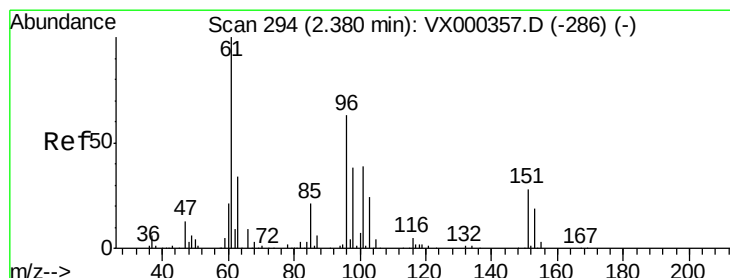
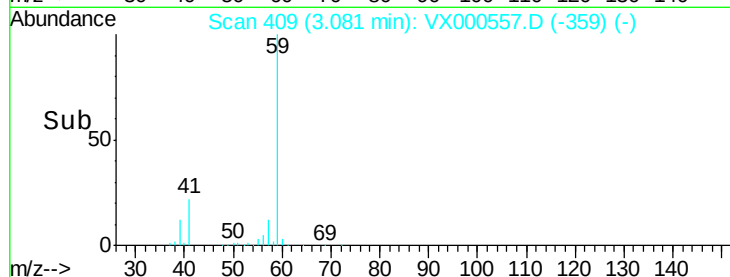
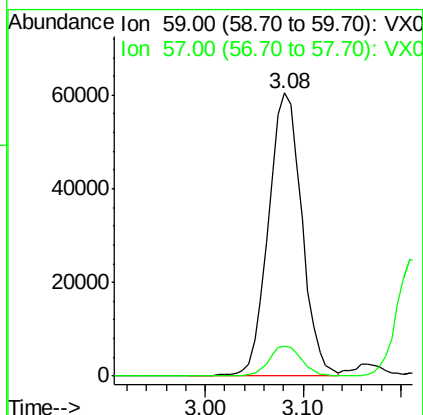
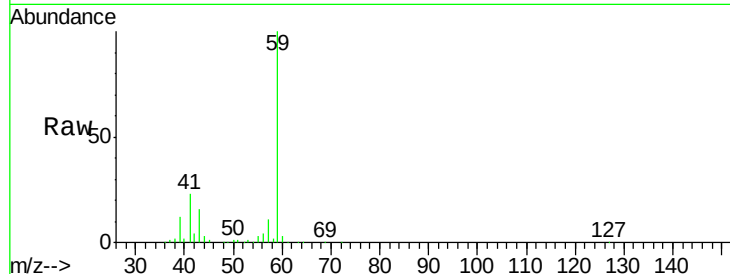




#11
Tert butyl alcohol
Concen: 248.98 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

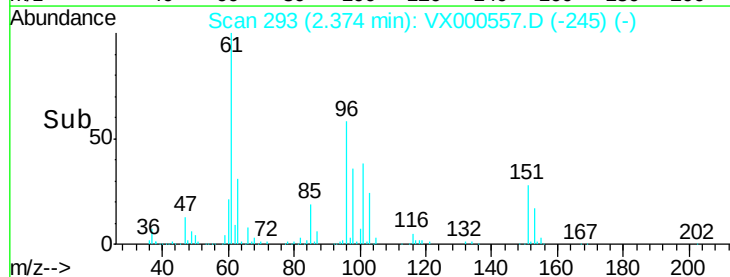
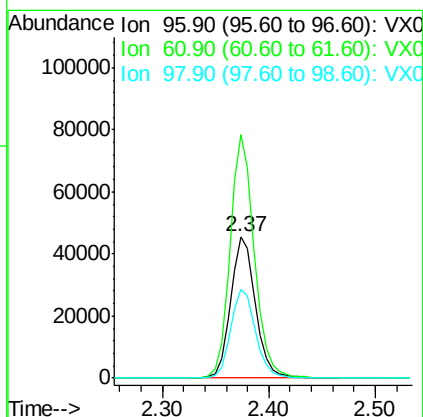
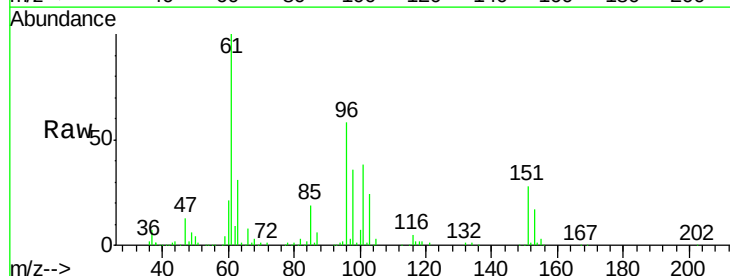
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

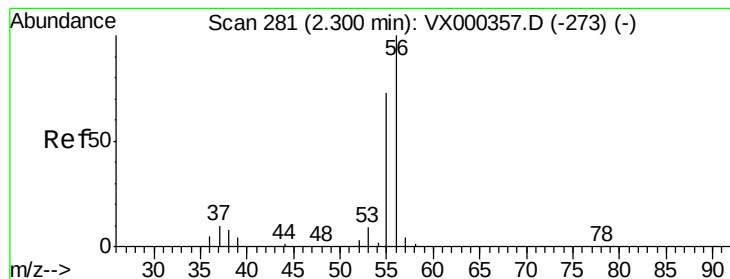
Tgt Ion: 59 Resp: 144325
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 52.93 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion: 96 Resp: 74068
Ion Ratio Lower Upper
96 100
61 172.0 131.2 196.8
98 62.7 49.8 74.8





#13

Acrolein

Concen: 502.76 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

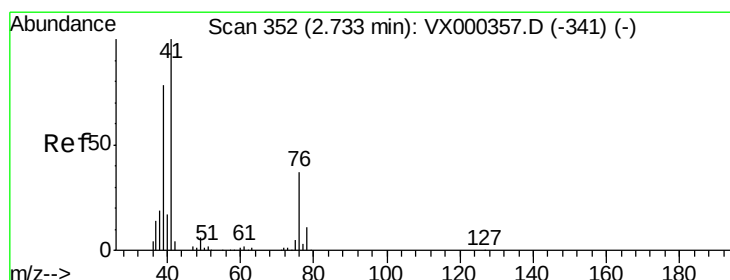
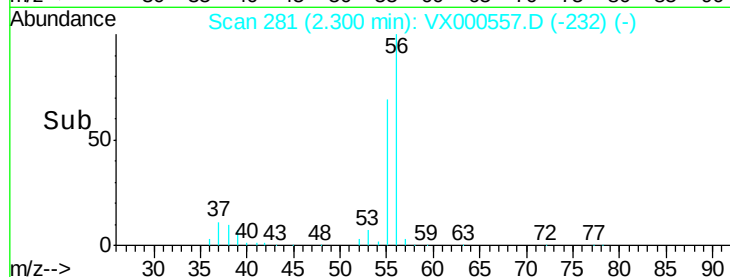
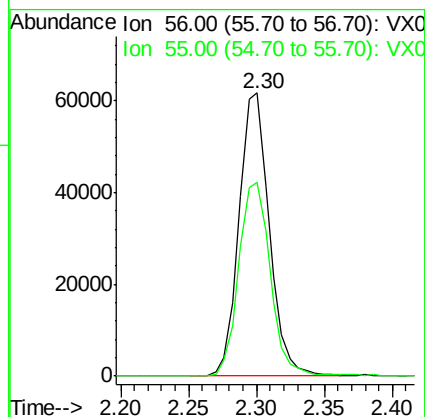
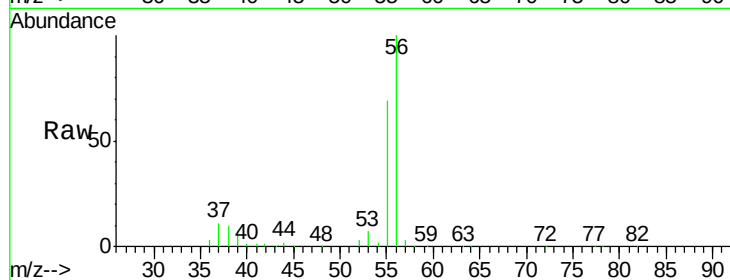
VSTDCCC050

Tgt Ion: 56 Resp: 95949

Ion Ratio Lower Upper

56 100

55 71.5 58.8 88.2



#14

Allyl chloride

Concen: 54.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

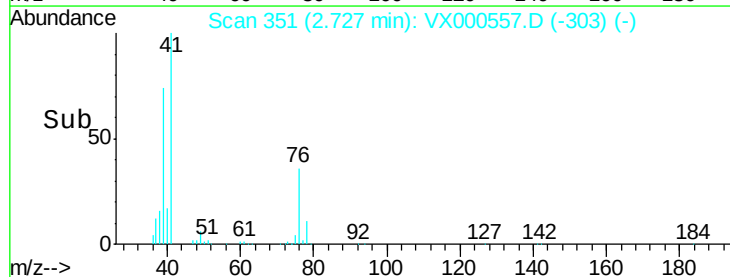
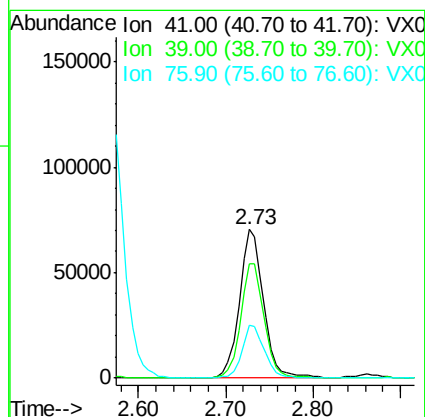
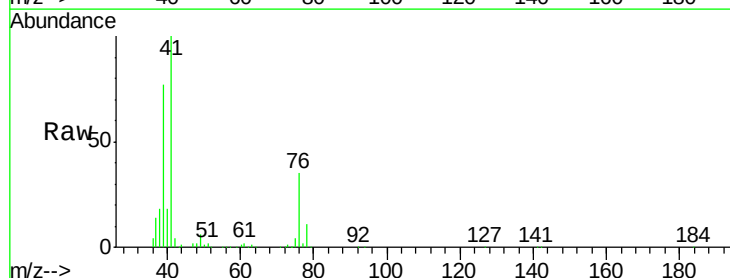
Tgt Ion: 41 Resp: 135039

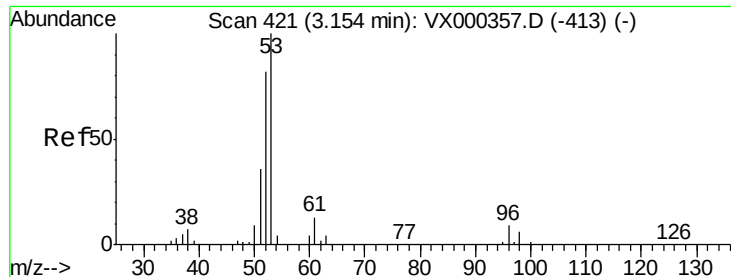
Ion Ratio Lower Upper

41 100

39 74.1 57.6 86.4

76 33.0 27.3 40.9

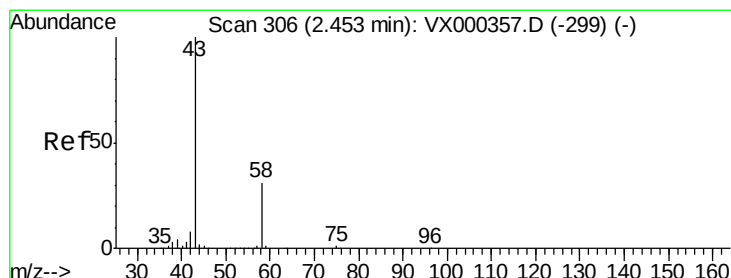
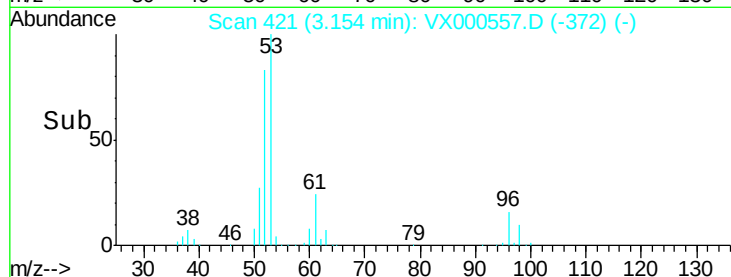
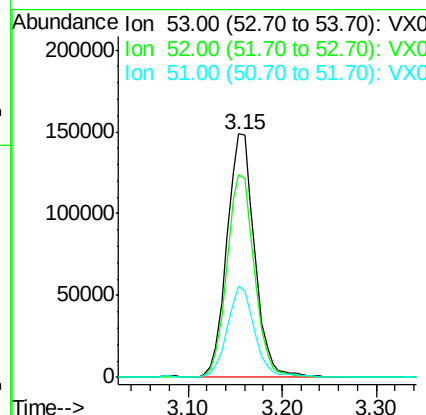
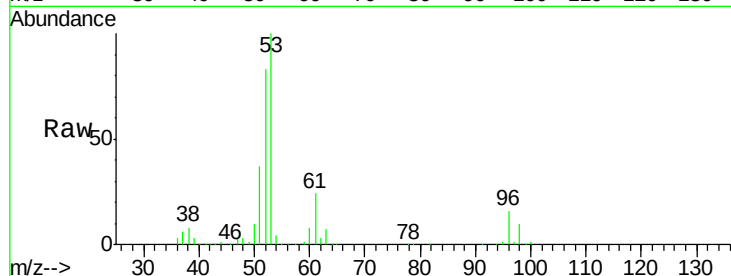




#15
 Acrylonitrile
 Concen: 257.13 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

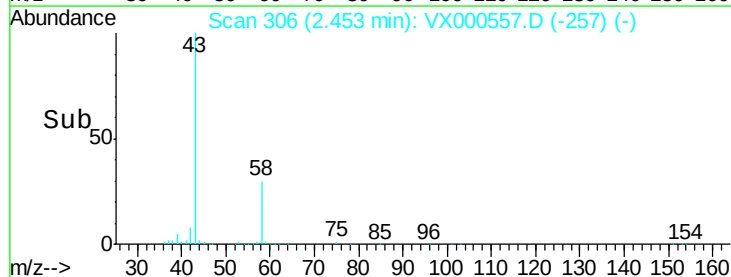
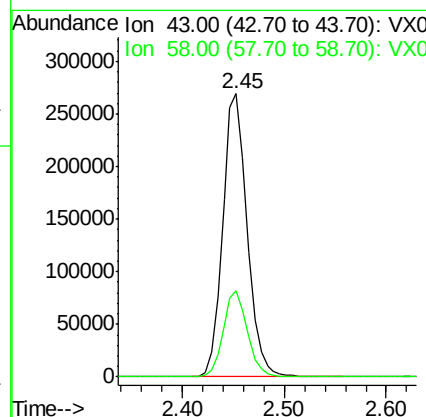
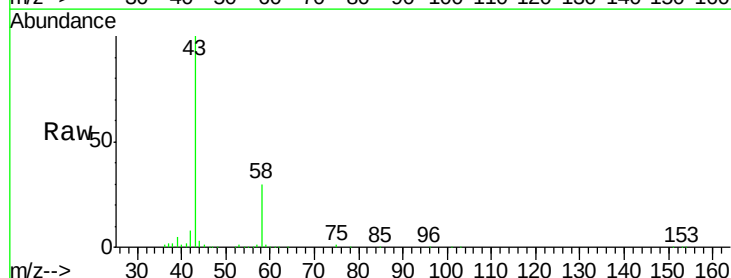
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

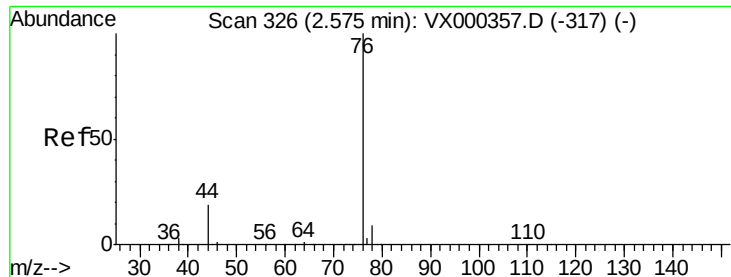
Tgt Ion: 53 Resp: 301887
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.6 99.8
 51 37.4 29.3 43.9



#16
 Acetone
 Concen: 319.15 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion: 43 Resp: 447403
 Ion Ratio Lower Upper
 43 100
 58 30.5 24.7 37.1





#17

Carbon Disulfide

Concen: 53.82 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

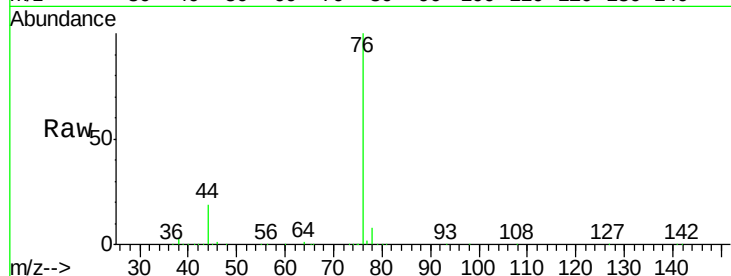
VSTDCCC050

Tgt Ion: 76 Resp: 200334

Ion Ratio Lower Upper

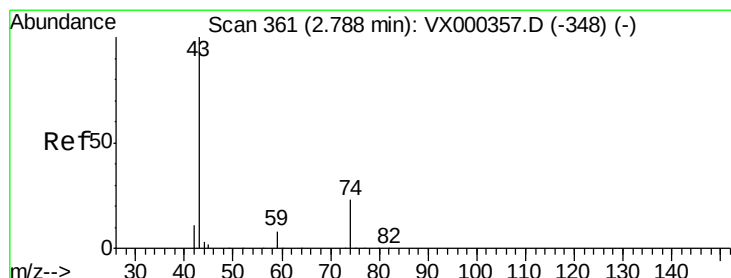
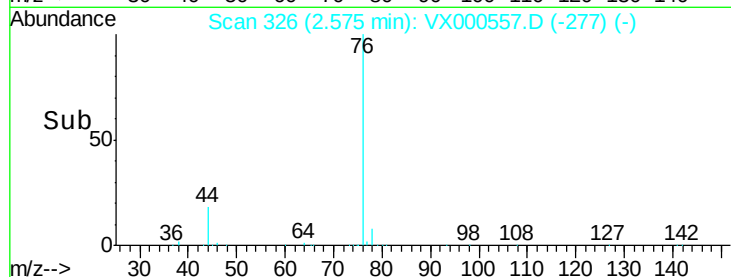
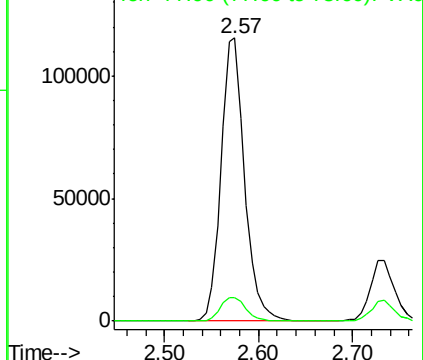
76 100

78 8.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.75 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000557.D

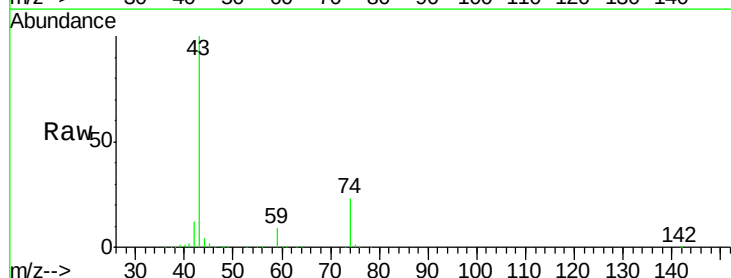
Acq: 30 Mar 2018 13:16

Tgt Ion: 43 Resp: 146208

Ion Ratio Lower Upper

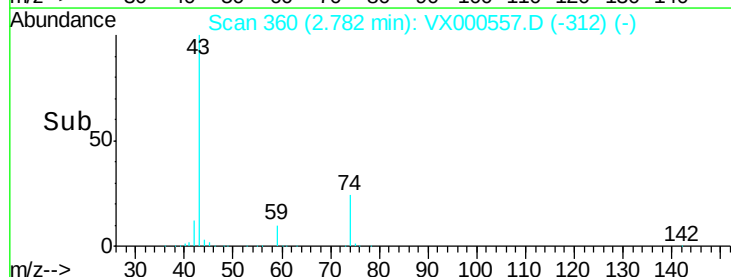
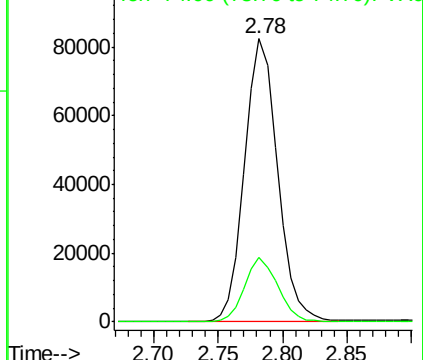
43 100

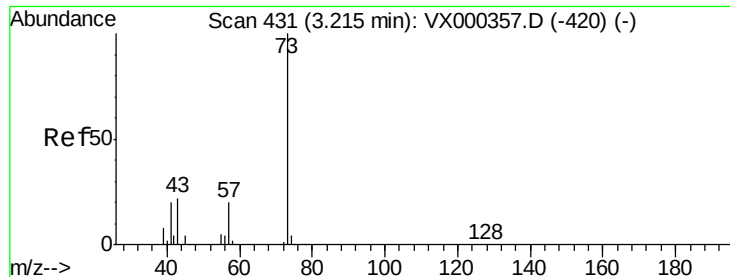
74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 52.00 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampled :

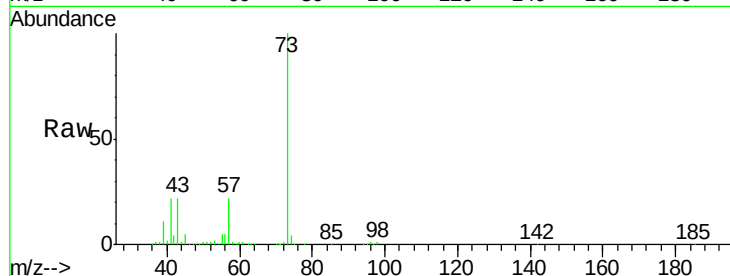
VSTDCCC050

Tgt Ion: 73 Resp: 269138

Ion Ratio Lower Upper

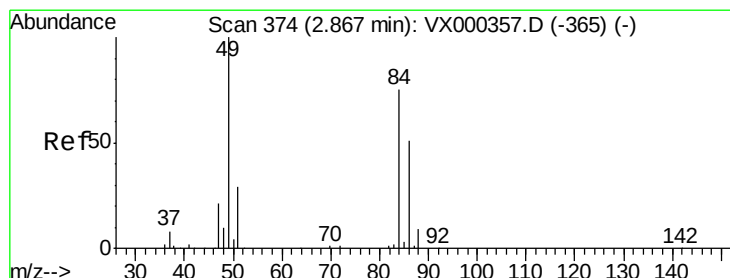
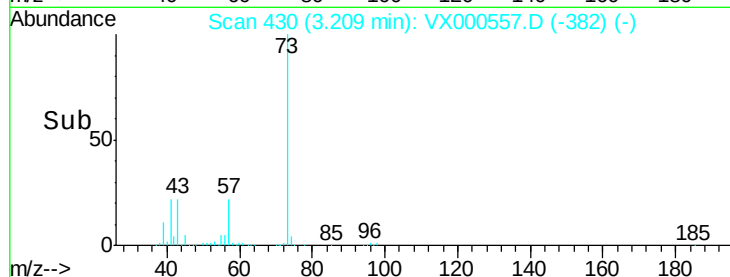
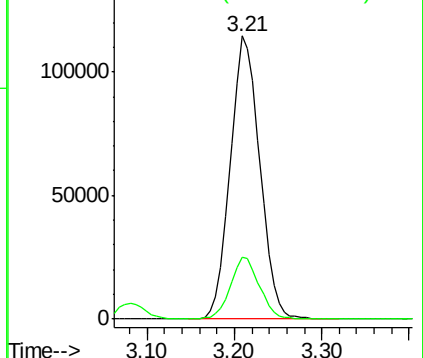
73 100

57 21.7 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 50.46 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Tgt Ion: 84 Resp: 81710

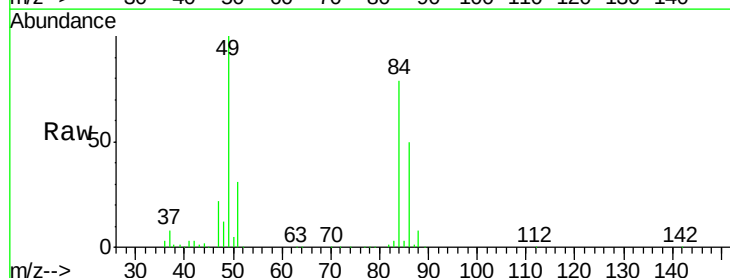
Ion Ratio Lower Upper

84 100

49 127.1 100.6 151.0

51 39.7 31.6 47.4

86 63.9 52.6 78.8

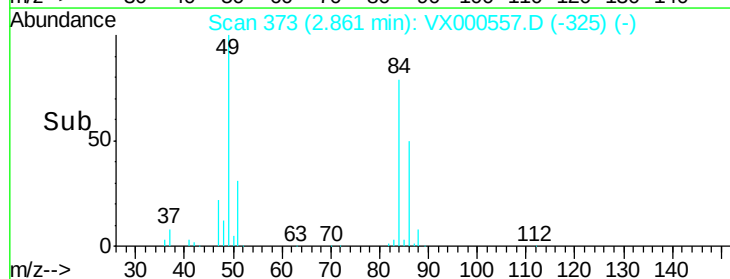
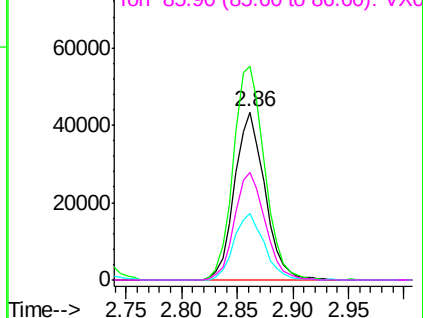


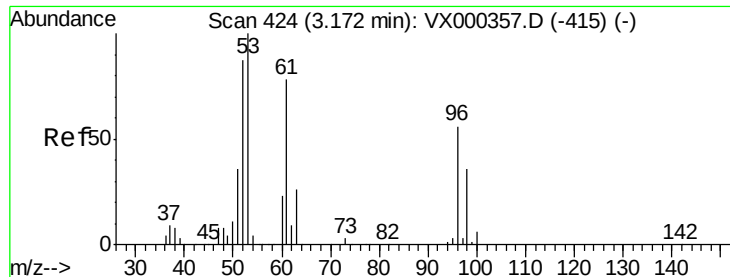
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#21

trans-1,2-Dichloroethene

Concen: 53.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

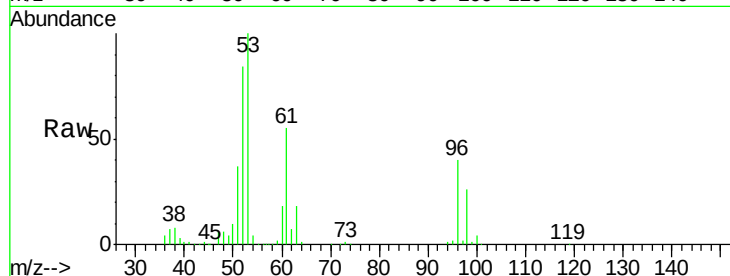
Tgt Ion: 96 Resp: 83319

Ion Ratio Lower Upper

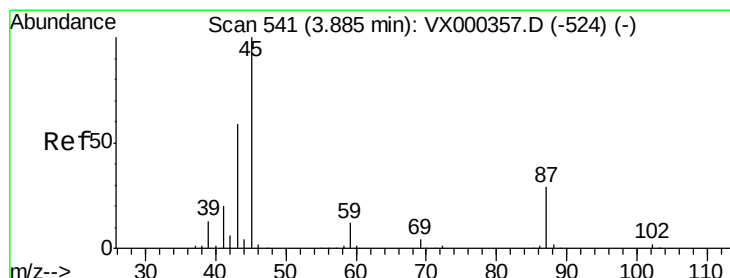
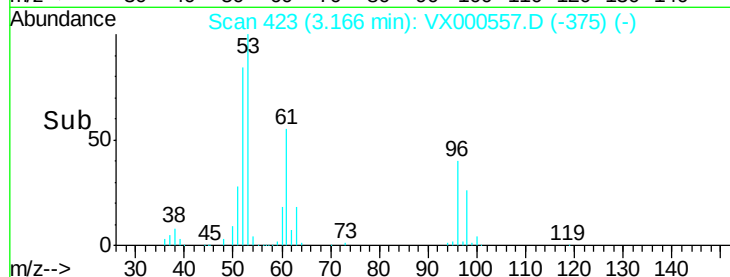
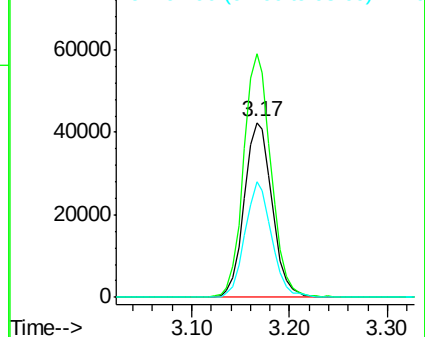
96 100

61 139.2 104.0 156.0

98 66.1 52.1 78.1



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: 48.91 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Tgt Ion: 45 Resp: 213958

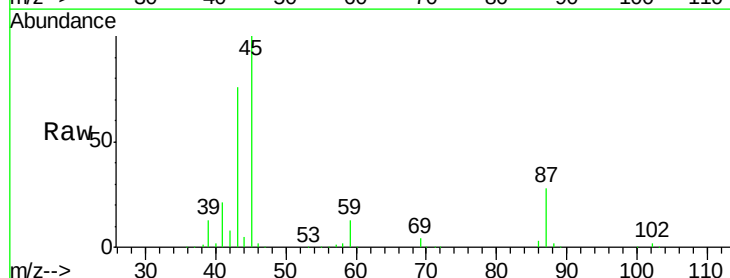
Ion Ratio Lower Upper

45 100

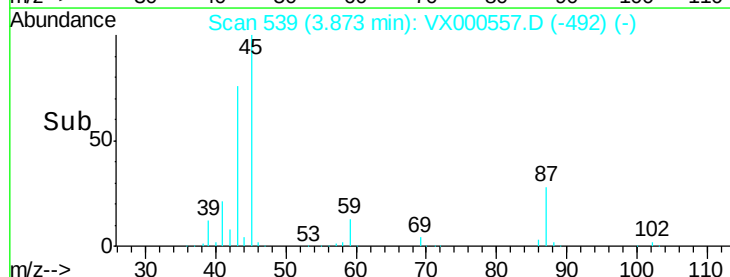
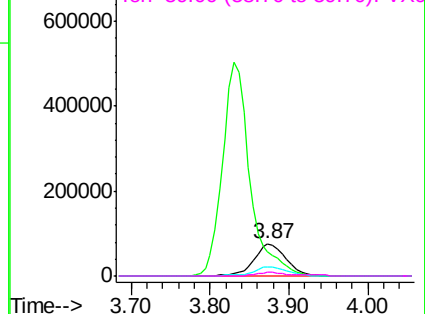
43 75.3 53.9 80.9

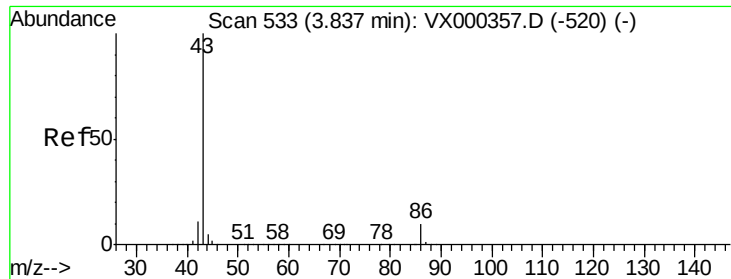
87 28.4 22.6 34.0

59 12.6 9.5 14.3



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: 296.76 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

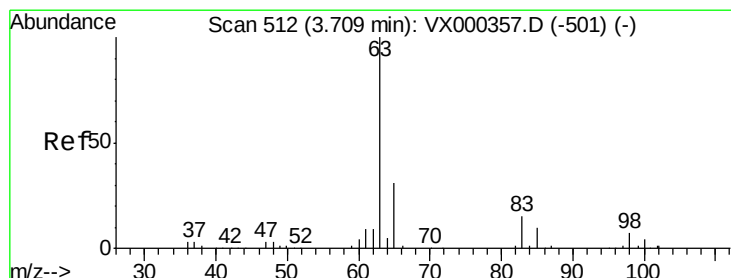
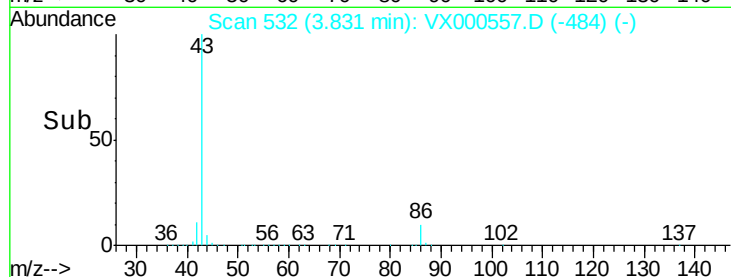
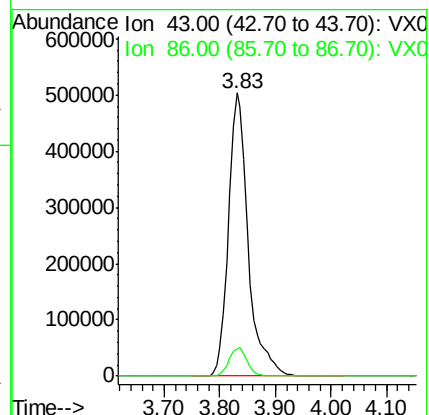
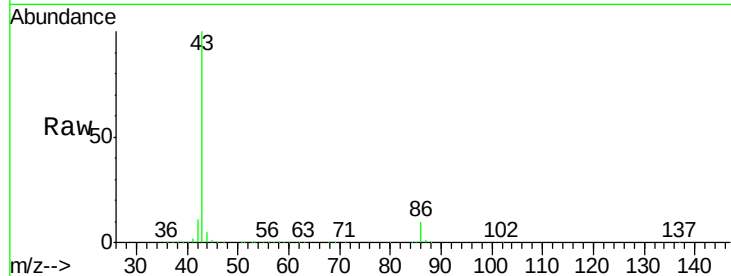
VSTDCCC050

Tgt Ion: 43 Resp: 1230636

Ion Ratio Lower Upper

43 100

86 9.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 53.19 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

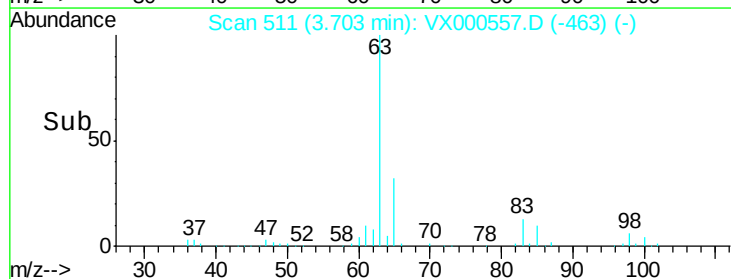
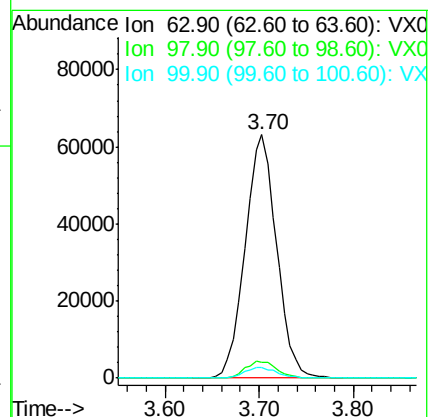
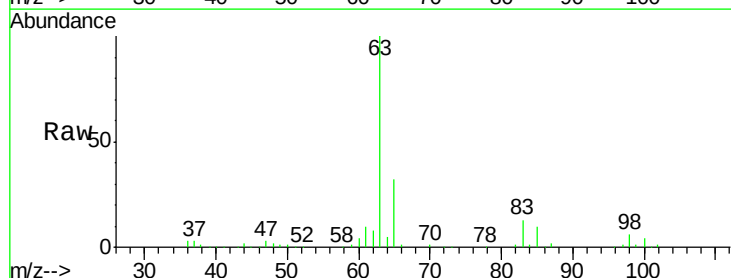
Tgt Ion: 63 Resp: 146293

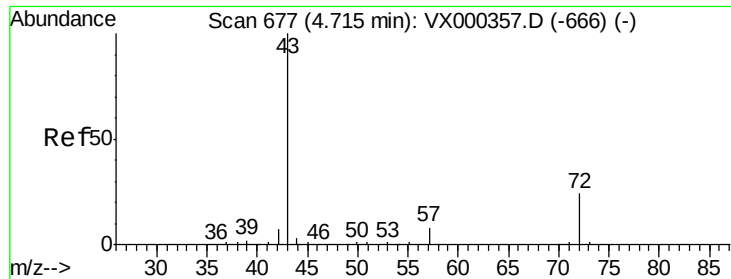
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 256.16 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

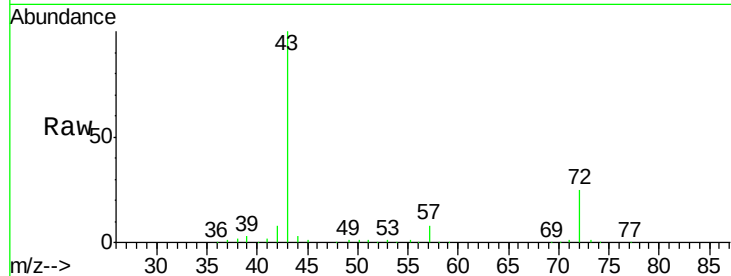
VSTDCCC050

Tgt Ion: 43 Resp: 403641

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

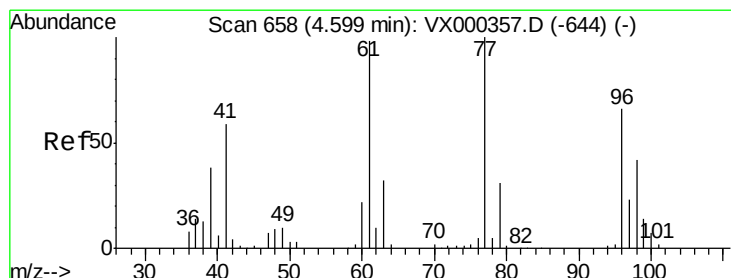
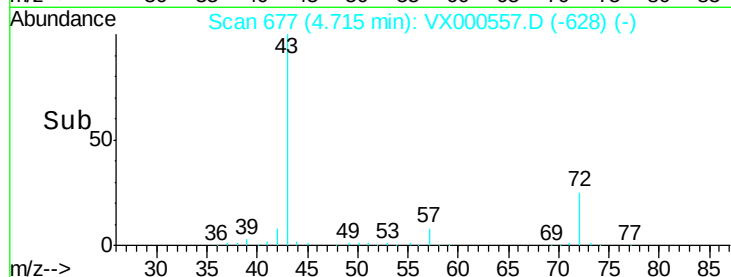
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.37 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000557.D

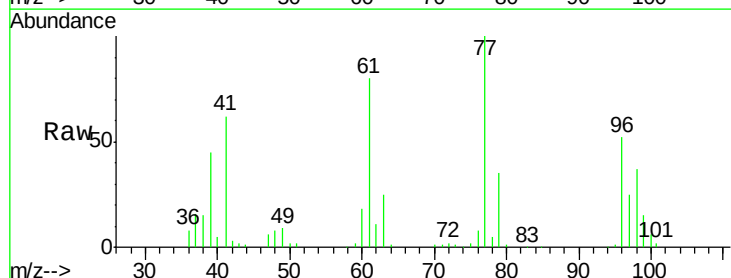
Acq: 30 Mar 2018 13:16

Tgt Ion: 77 Resp: 89376

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

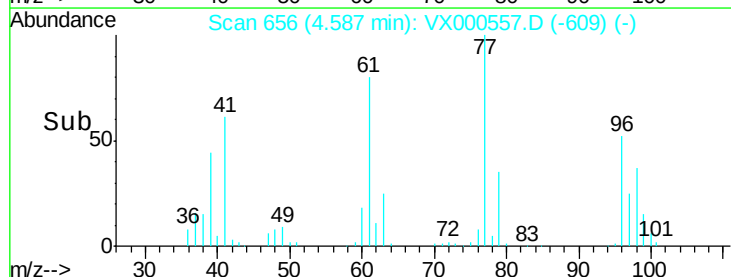
10000

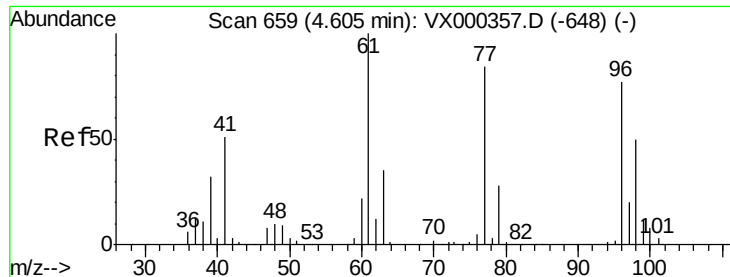
5000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.75 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

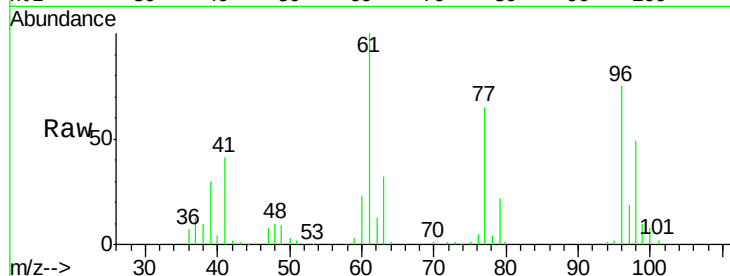
Tgt Ion: 96 Resp: 69659

Ion Ratio Lower Upper

96 100

61 142.7 0.0 291.6

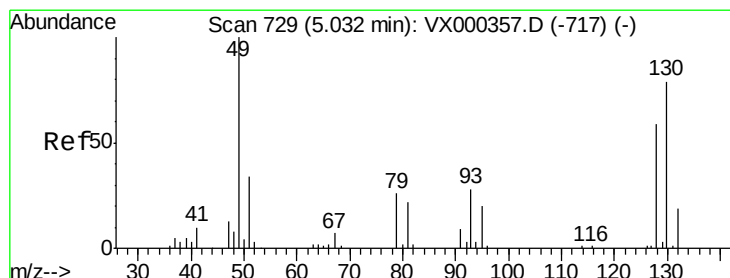
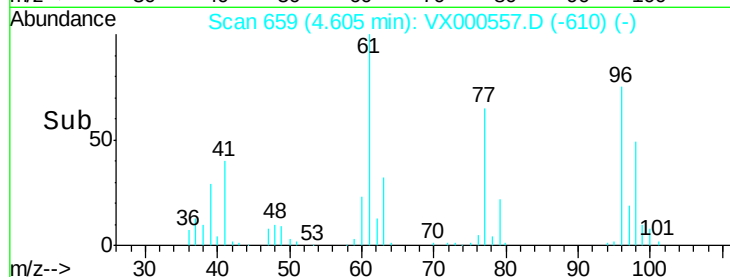
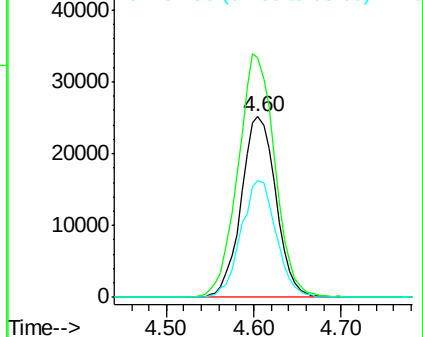
98 65.1 0.0 132.0



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: 52.03 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

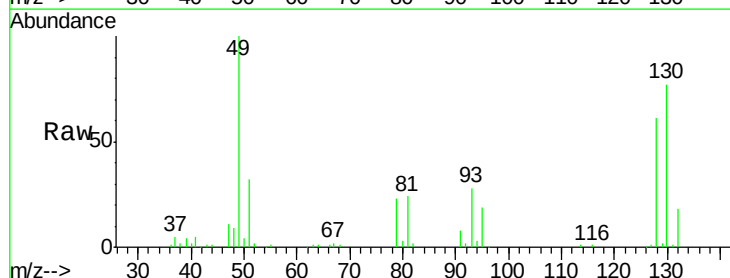
Tgt Ion: 49 Resp: 59008

Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

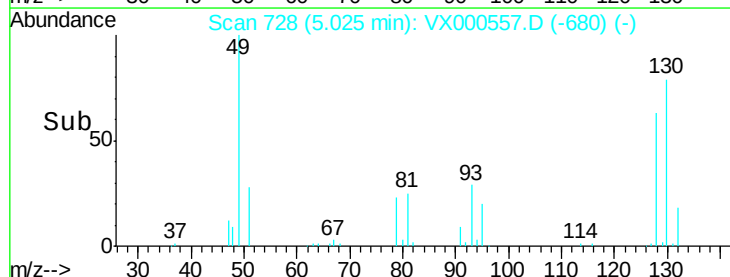
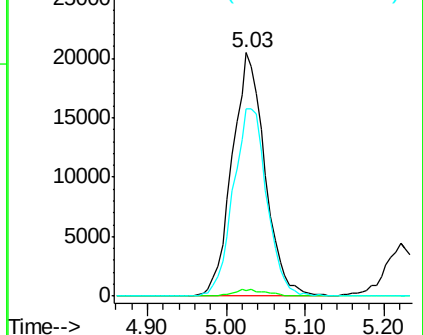
130 79.0 64.0 96.0

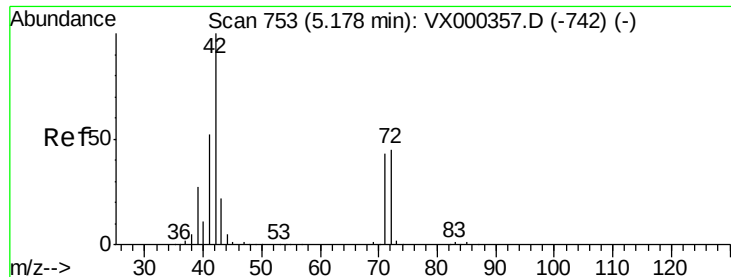


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

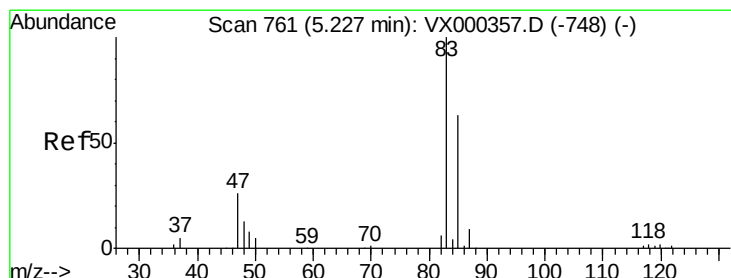
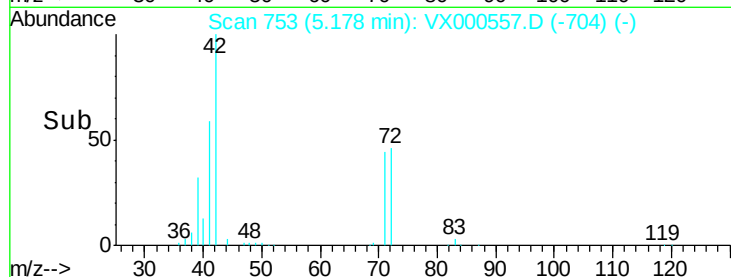
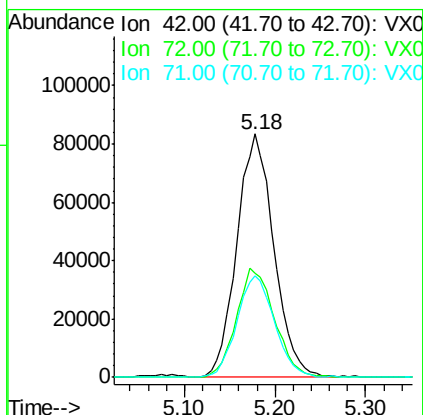
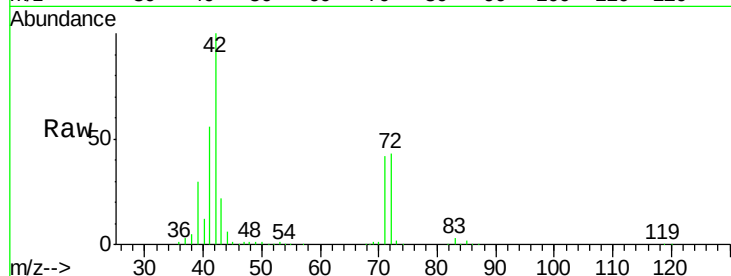




#29
Tetrahydrofuran
Concen: 242.55 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

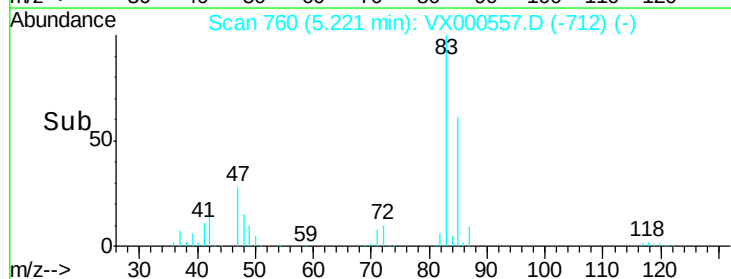
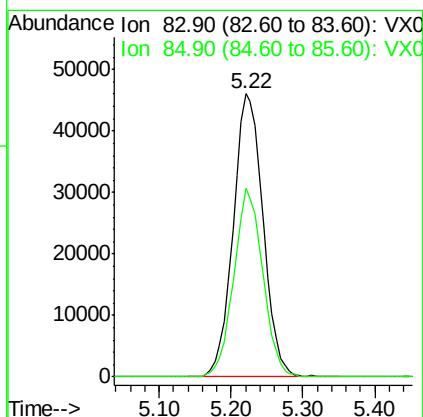
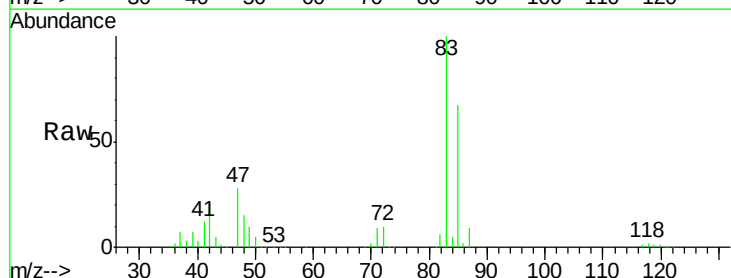
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

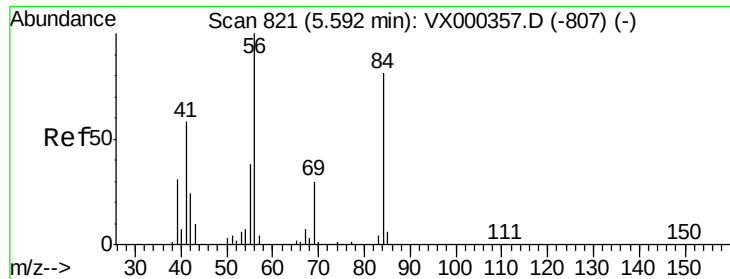
Tgt Ion: 42 Resp: 235146
Ion Ratio Lower Upper
42 100
72 46.4 37.9 56.9
71 42.5 34.4 51.6



#30
Chloroform
Concen: 51.31 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion: 83 Resp: 132240
Ion Ratio Lower Upper
83 100
85 66.5 53.3 79.9

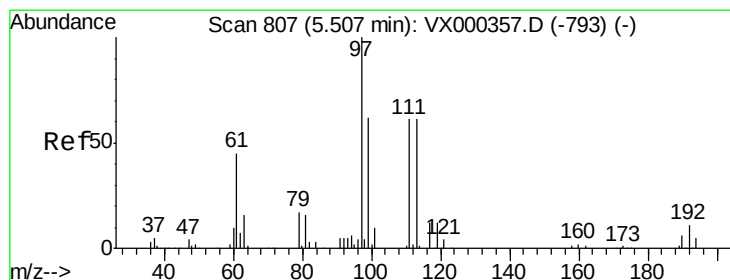
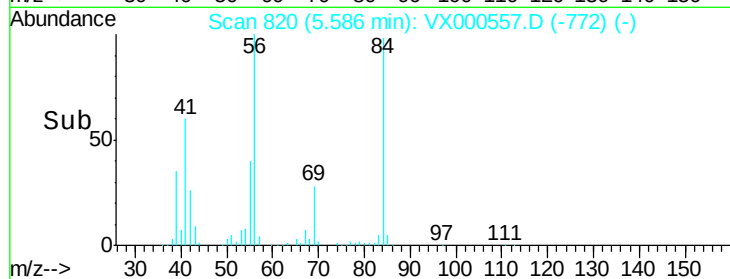
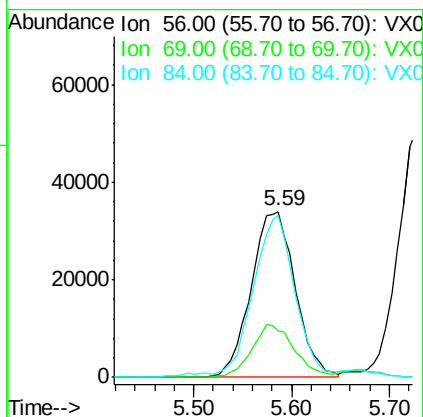
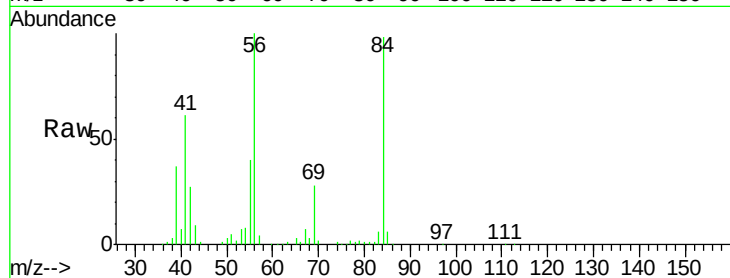




#31
Cyclohexane
Concen: 50.33 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

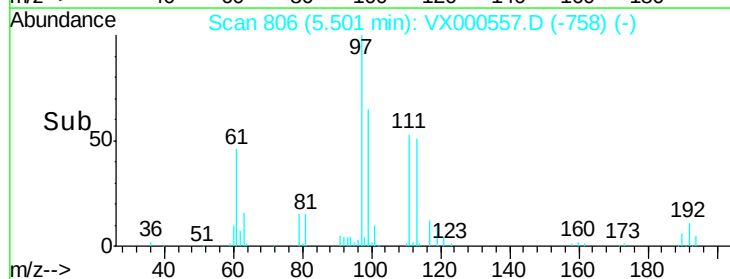
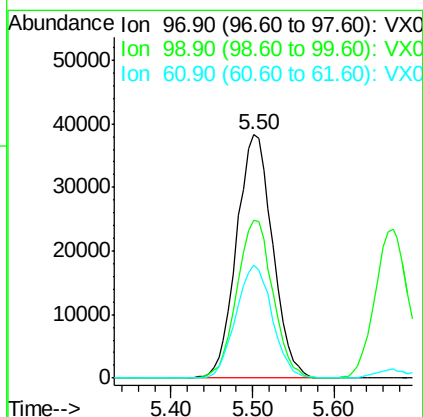
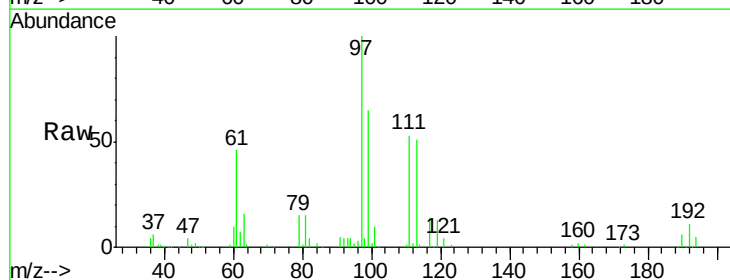
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

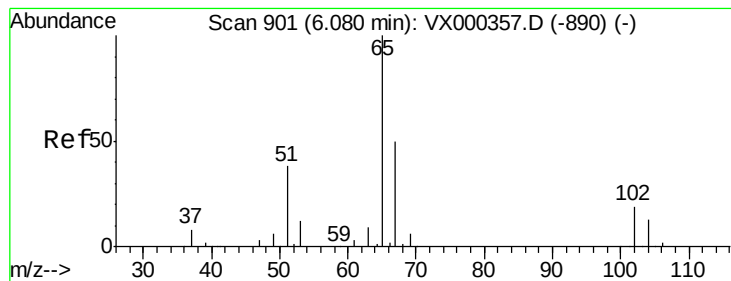
Tgt Ion: 56 Resp: 107016
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.0
84 95.3 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 50.48 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion: 97 Resp: 117373
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 46.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.26 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

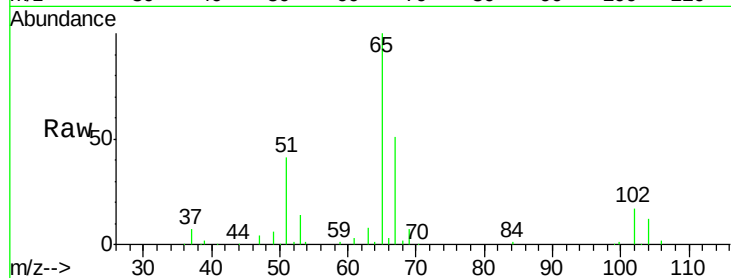
VSTDCCC050

Tgt Ion: 65 Resp: 83017

Ion Ratio Lower Upper

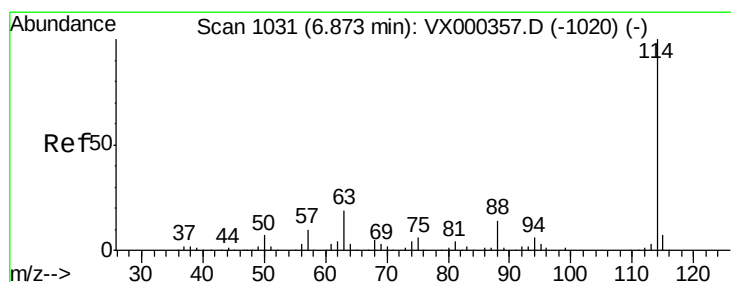
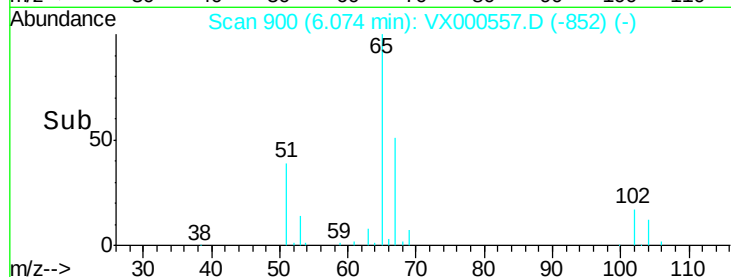
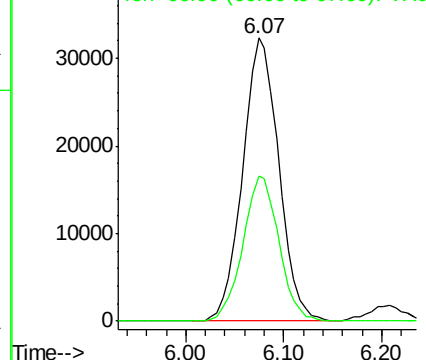
65 100

67 50.9 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

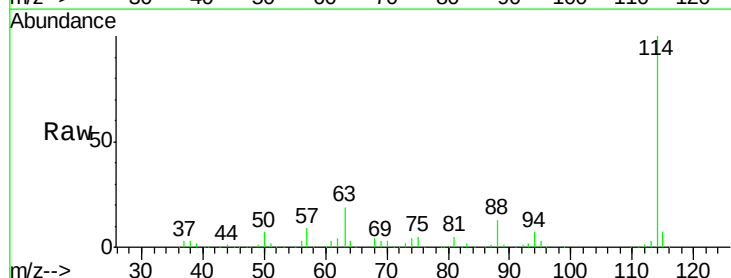
Tgt Ion: 114 Resp: 203047

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

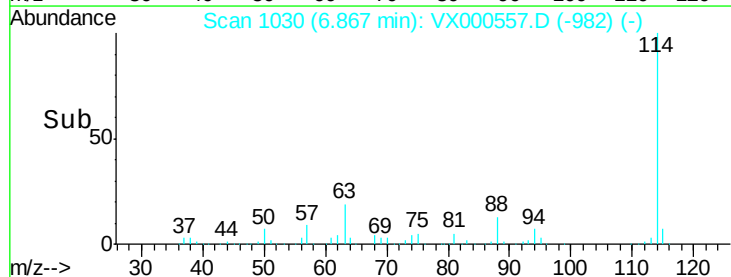
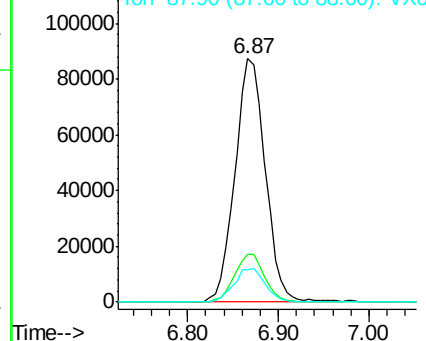
88 13.5 0.0 27.0

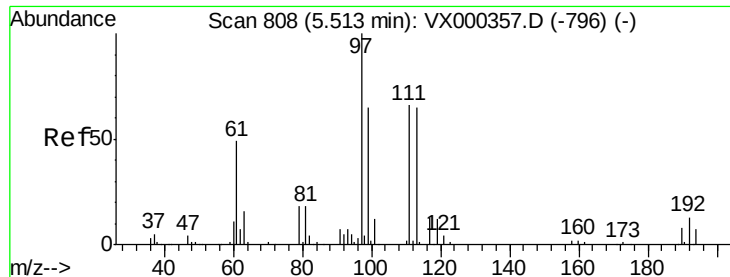


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

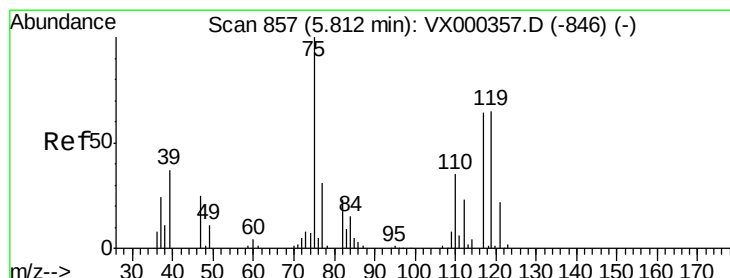
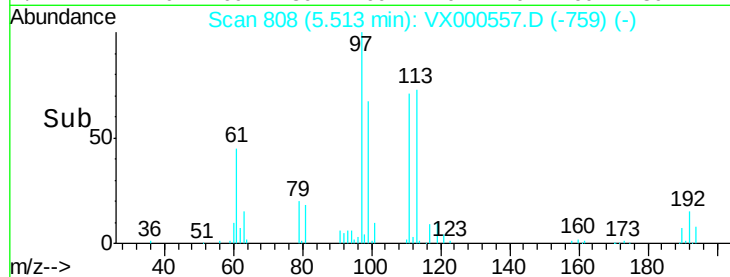
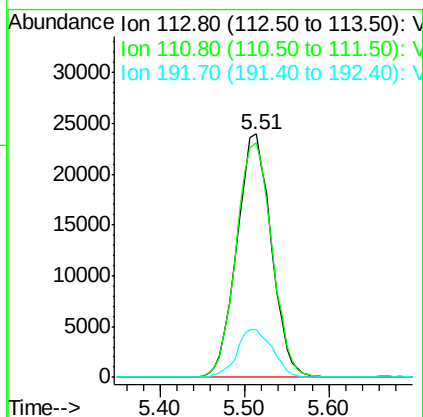
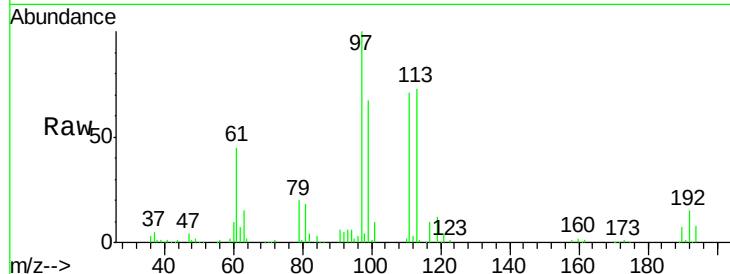




#35
 Dibromofluoromethane
 Concen: 51.78 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

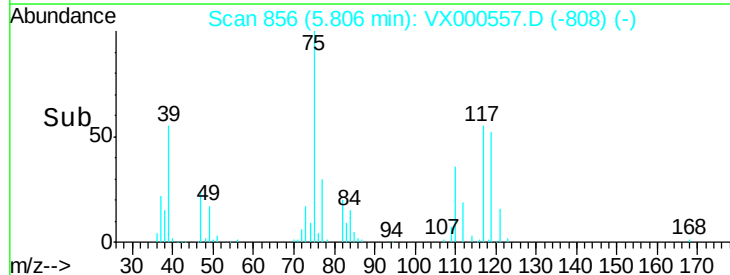
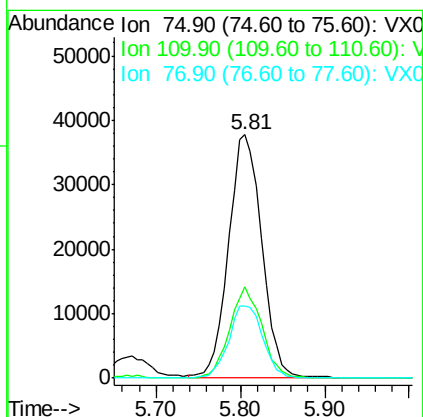
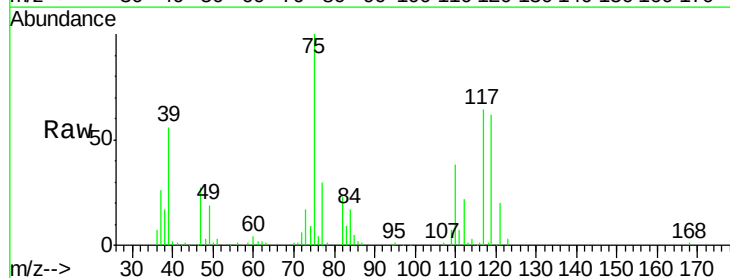
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

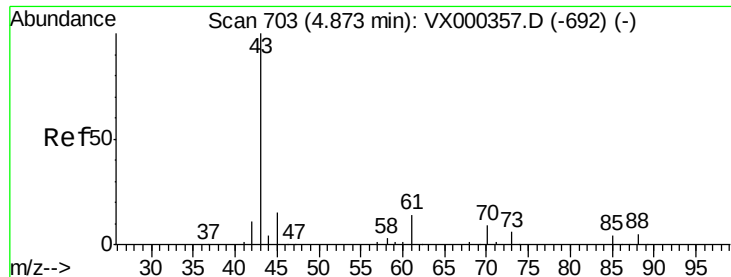
Tgt Ion:113 Resp: 66241
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.4 123.6
 192 20.4 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 53.24 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion: 75 Resp: 101253
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.9 53.7
 77 30.5 24.0 36.0

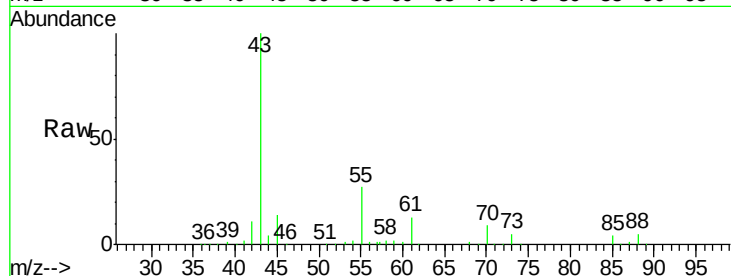




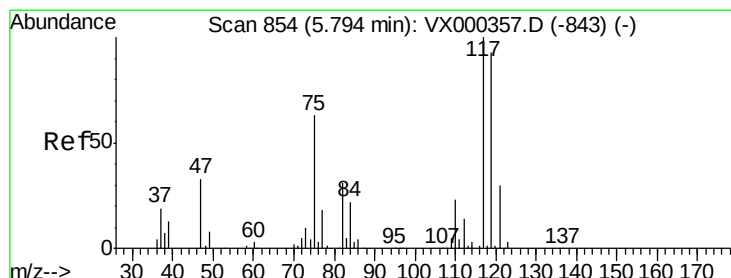
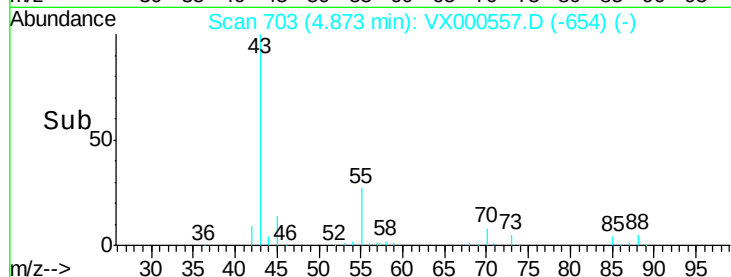
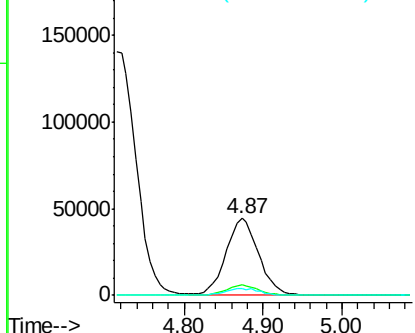
#37
Ethyl Acetate
Concen: 49.08 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 127517
Ion Ratio Lower Upper
43 100
61 13.1 11.1 16.7
70 9.2 7.7 11.5

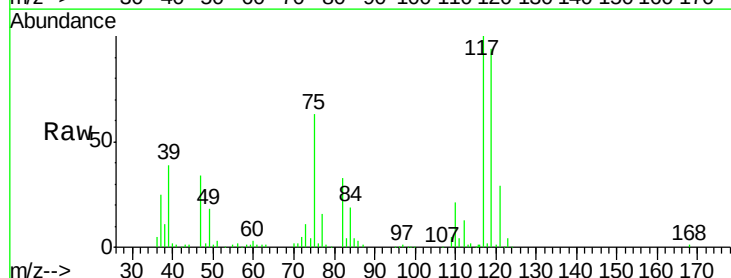


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

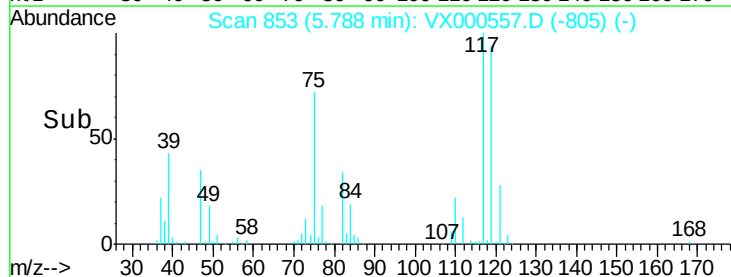
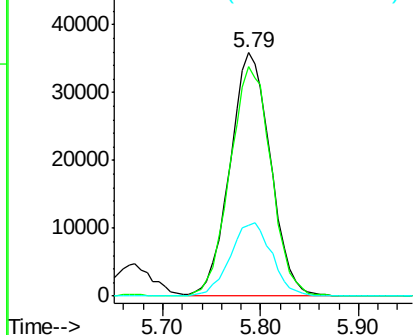


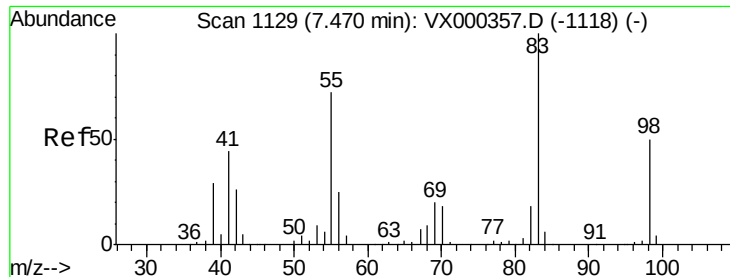
#38
Carbon Tetrachloride
Concen: 51.70 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion: 117 Resp: 103167
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.2
121 28.9 24.8 37.2



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: 54.24 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

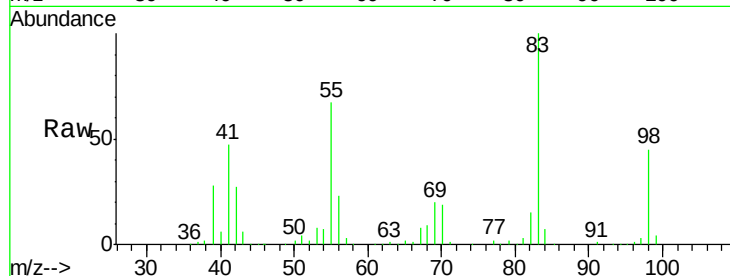
Tgt Ion: 83 Resp: 125469

Ion Ratio Lower Upper

83 100

55 66.8 55.5 83.3

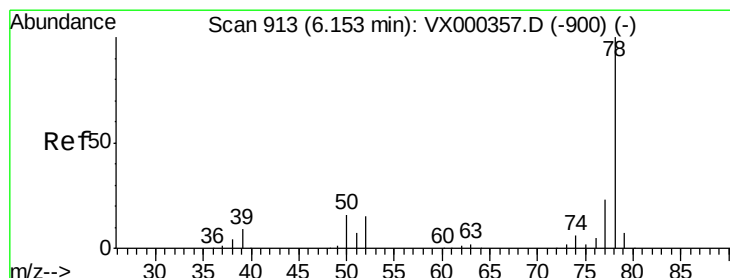
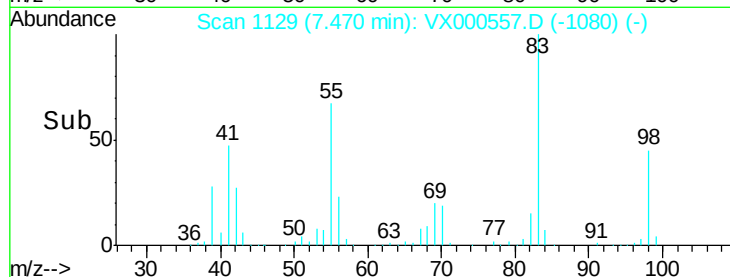
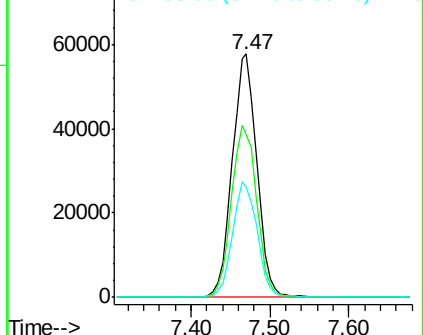
98 45.2 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 53.52 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000557.D

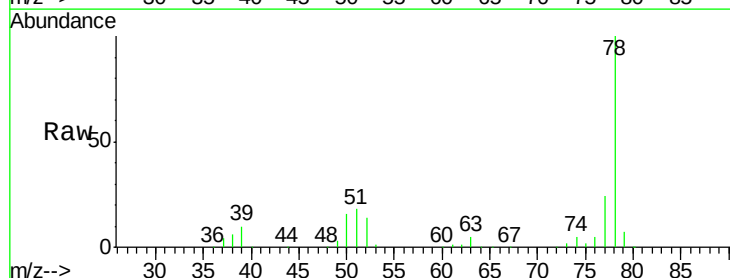
Acq: 30 Mar 2018 13:16

Tgt Ion: 78 Resp: 295614

Ion Ratio Lower Upper

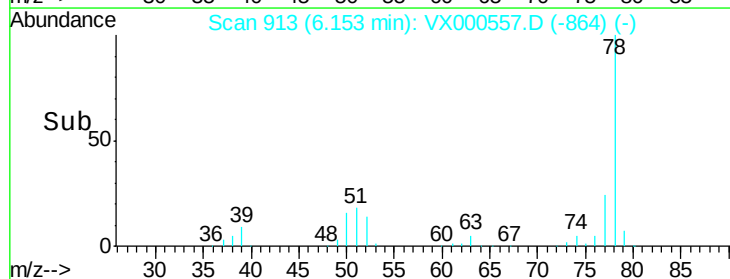
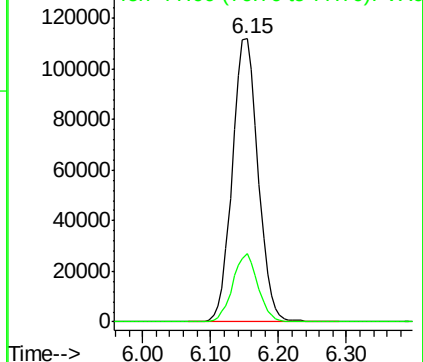
78 100

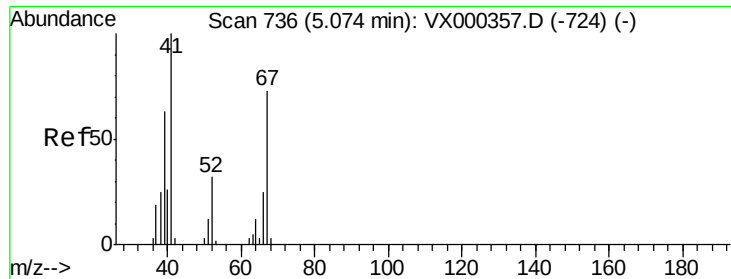
77 24.1 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

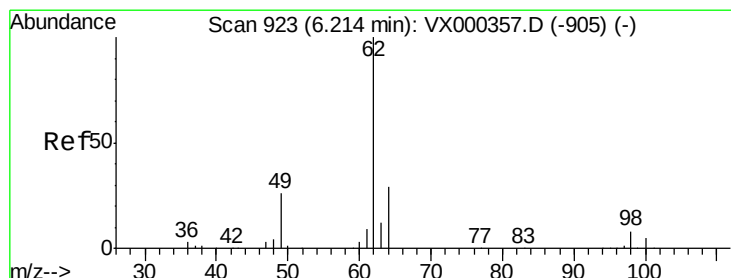
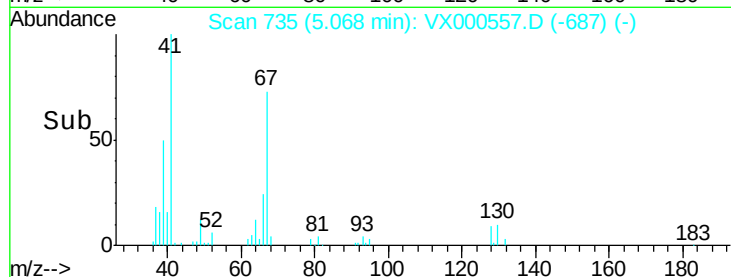
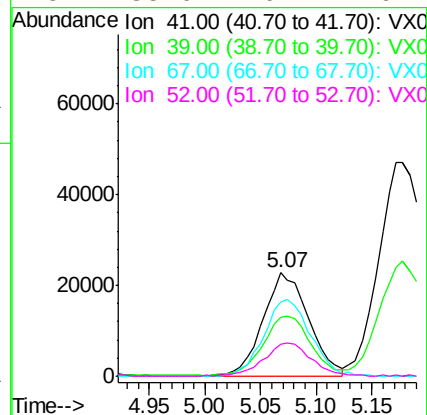
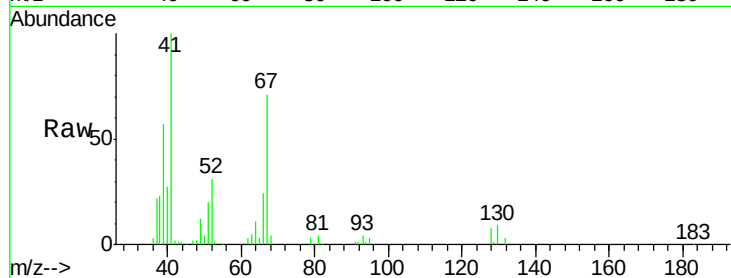




#41
Methacrylonitrile
Concen: 47.54 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

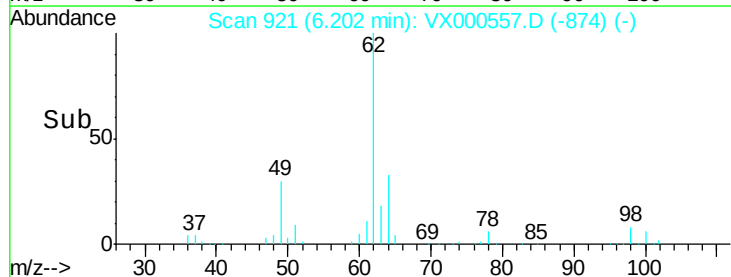
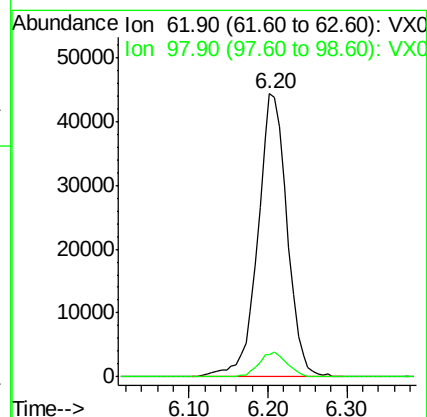
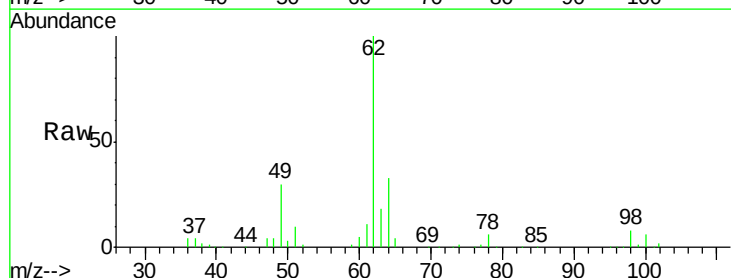
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

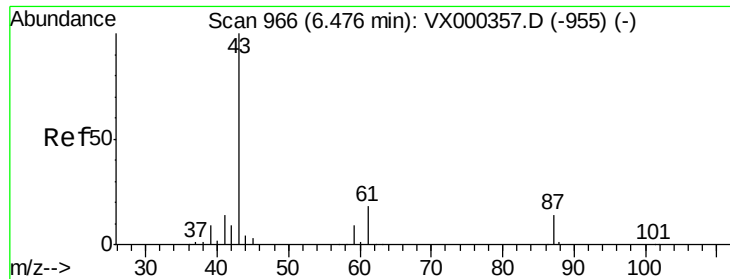
Tgt Ion:	41	Resp:	65111
Ion	Ratio	Lower	Upper
41	100		
39	59.9	45.7	68.5
67	75.9	57.8	86.8
52	33.6	26.7	40.1



#42
1,2-Dichloroethane
Concen: 52.75 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion:	62	Resp:	114306
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.96 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

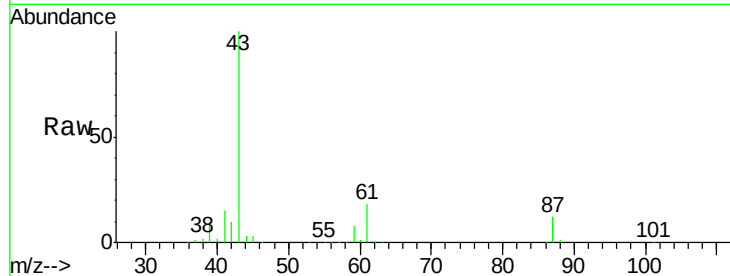
Tgt Ion: 43 Resp: 200939

Ion Ratio Lower Upper

43 100

61 17.7 14.4 21.6

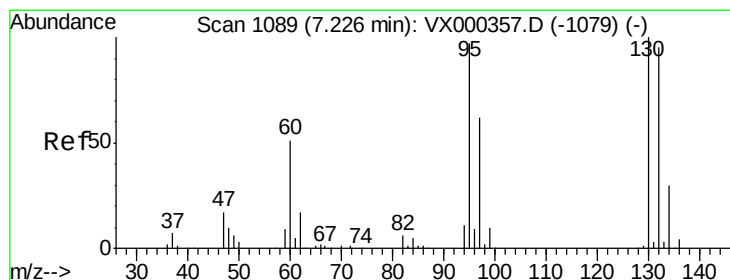
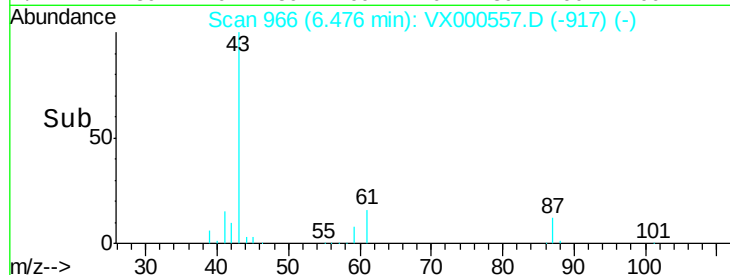
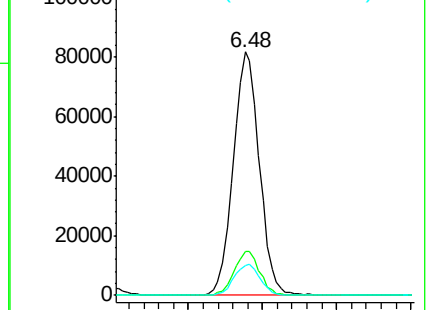
87 12.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.91 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000557.D

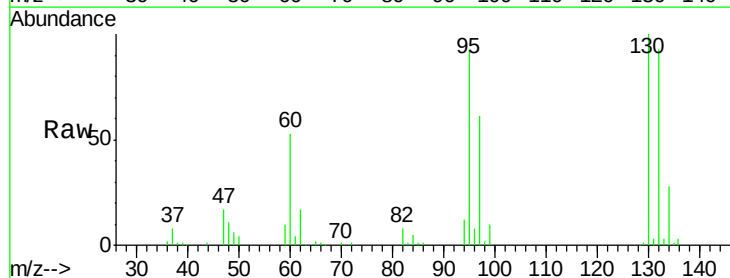
Acq: 30 Mar 2018 13:16

Tgt Ion: 130 Resp: 83727

Ion Ratio Lower Upper

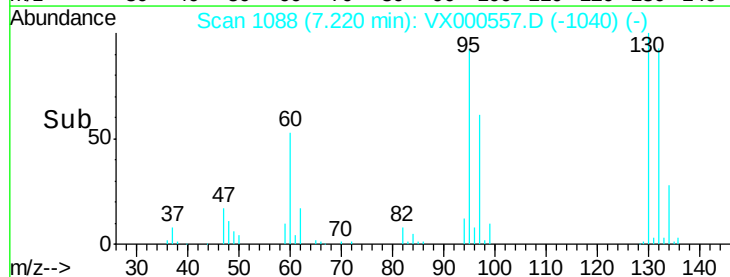
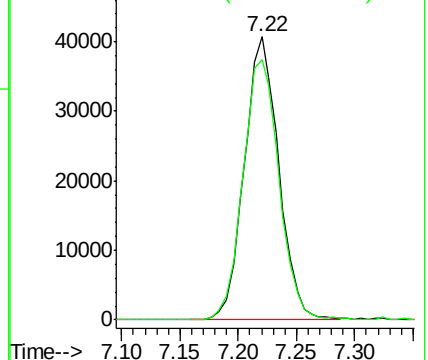
130 100

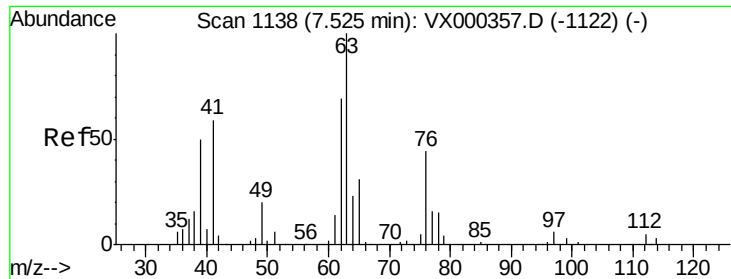
95 92.1 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

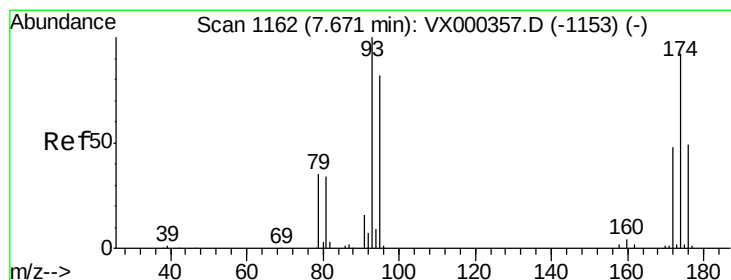
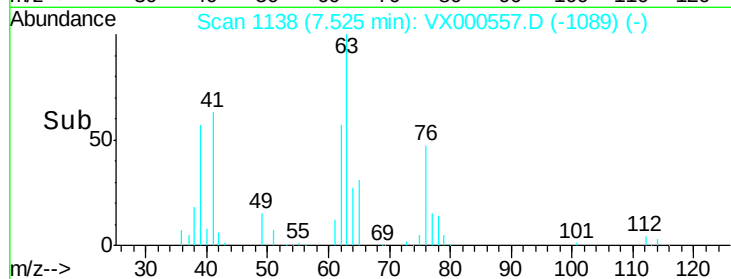
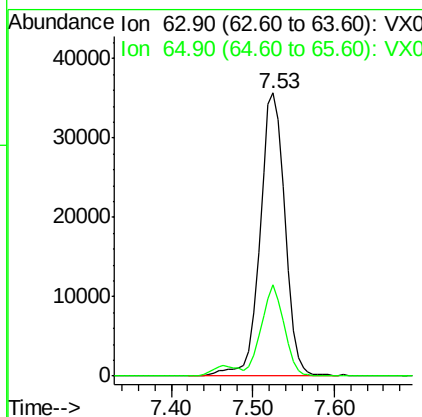
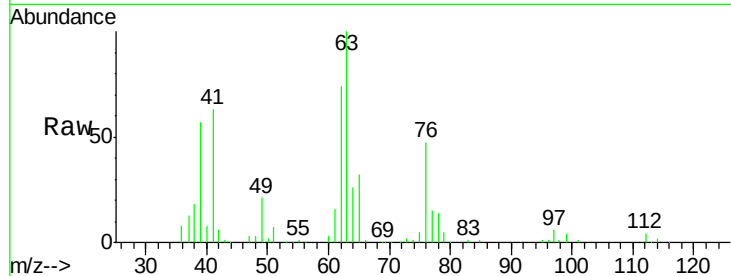




#45
 1,2-Dichloropropane
 Concen: 54.03 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

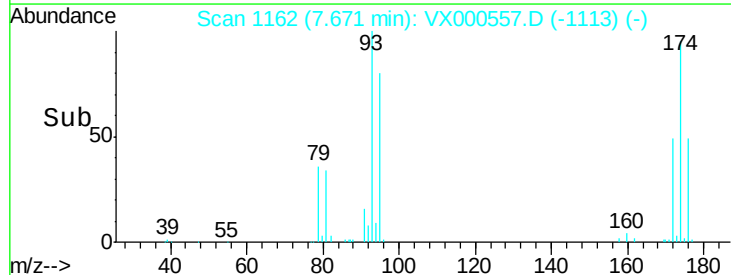
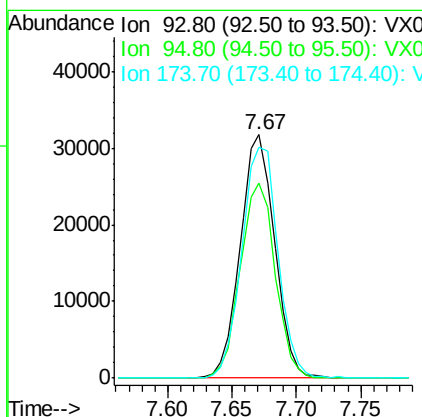
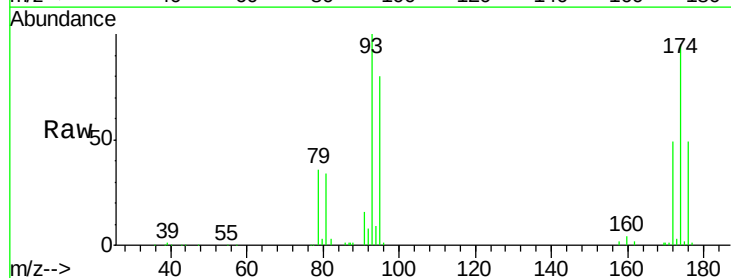
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

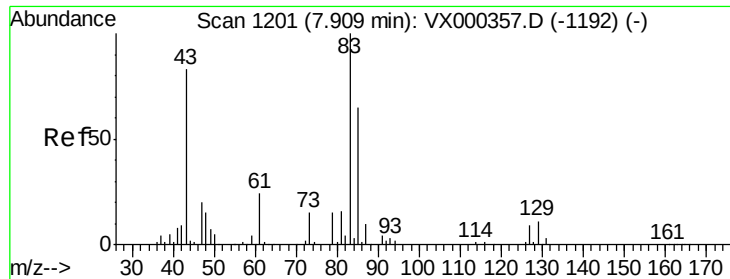
Tgt Ion: 63 Resp: 76393
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.6 36.8



#46
 Dibromomethane
 Concen: 52.72 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion: 93 Resp: 58507
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.5 99.7
 174 100.1 76.0 114.0





#47

Bromodichloromethane

Concen: 55.16 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

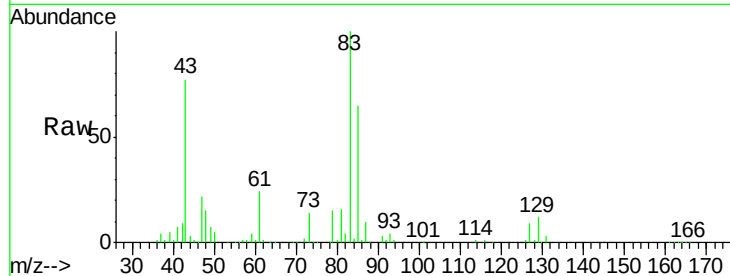
Tgt Ion: 83 Resp: 107708

Ion Ratio Lower Upper

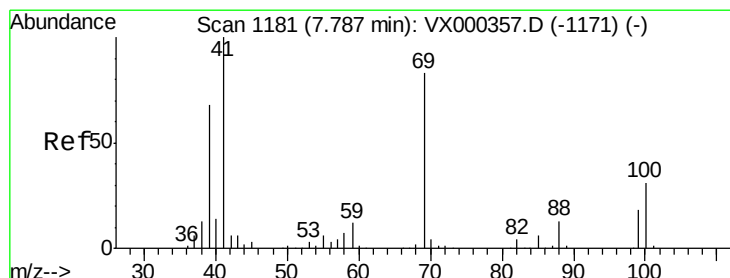
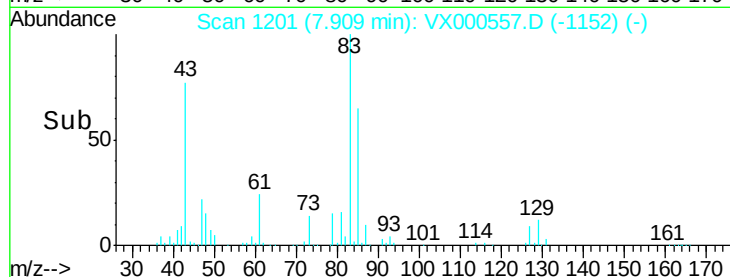
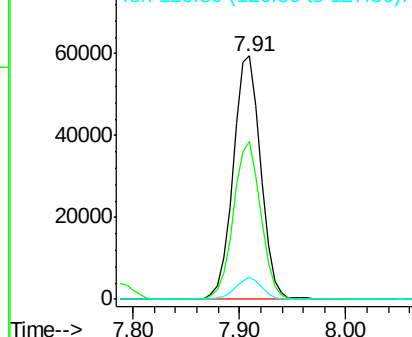
83 100

85 64.9 51.4 77.0

127 9.0 7.0 10.6



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: 52.26 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

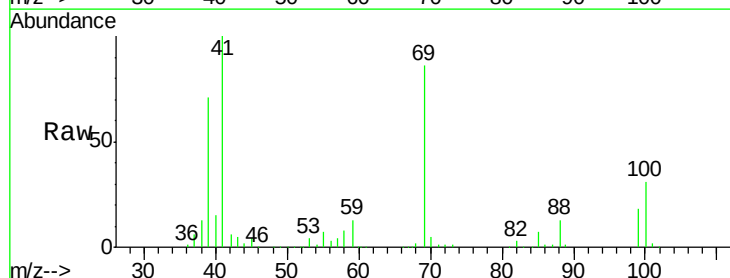
Tgt Ion: 41 Resp: 98112

Ion Ratio Lower Upper

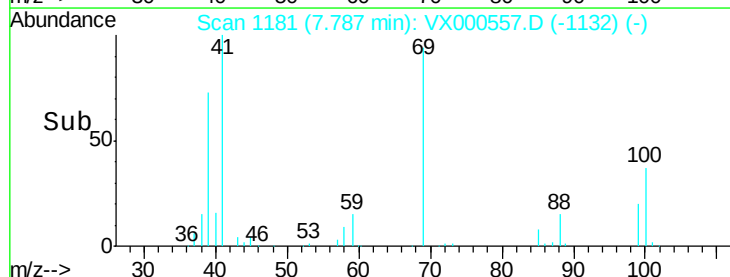
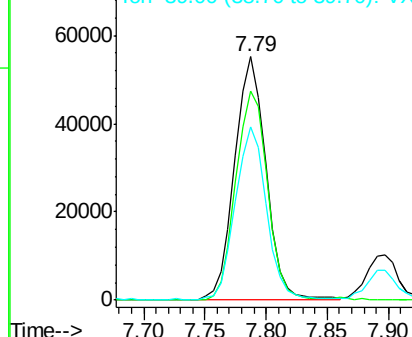
41 100

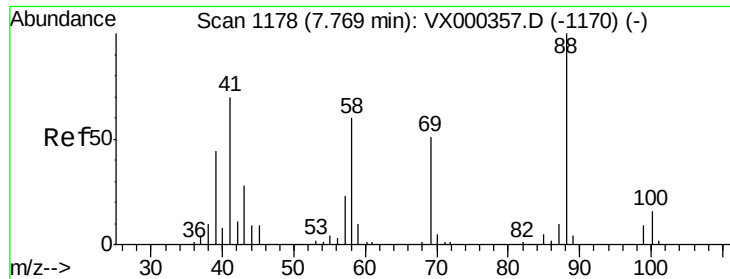
69 86.9 68.2 102.4

39 69.6 54.6 81.8



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

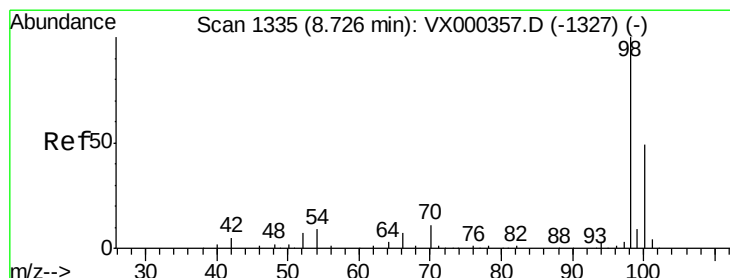
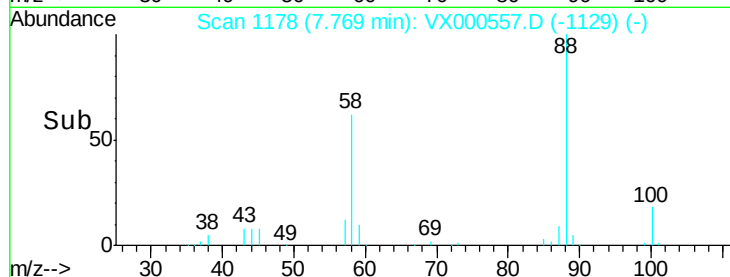
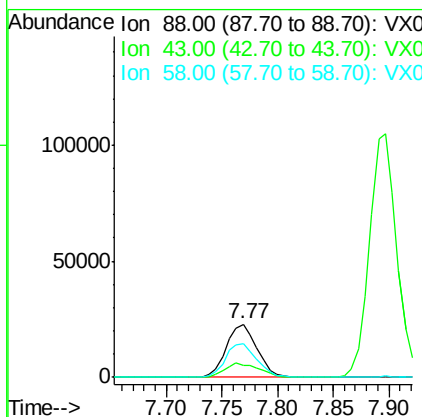
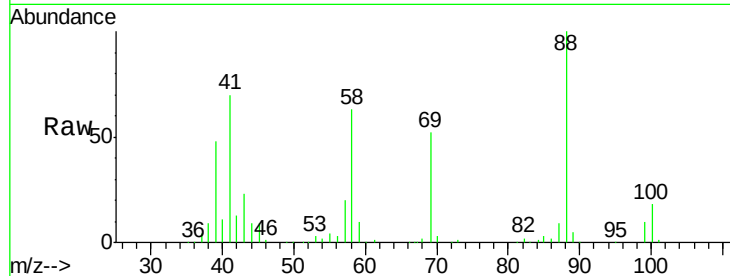




#49
 1,4-Dioxane
 Concen: 1101.10 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

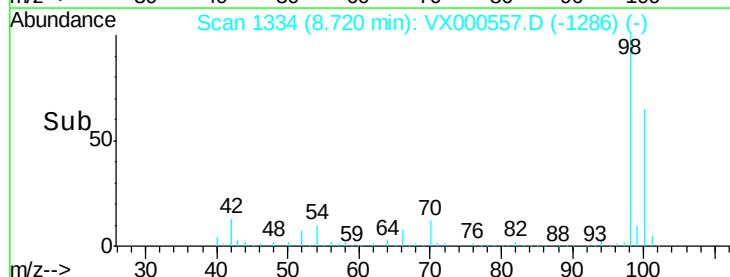
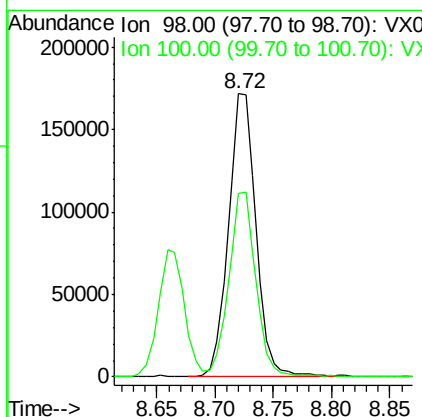
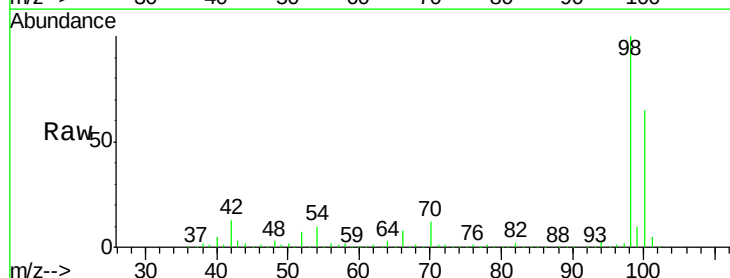
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

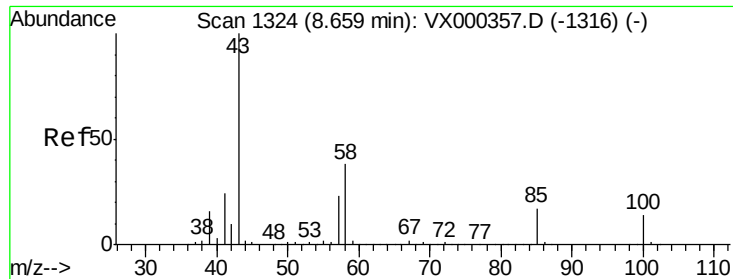
Tgt Ion: 88 Resp: 43455
 Ion Ratio Lower Upper
 88 100
 43 30.9 26.8 40.2
 58 65.2 52.2 78.2



#50
 Toluene-d8
 Concen: 53.15 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion: 98 Resp: 281643
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 273.61 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

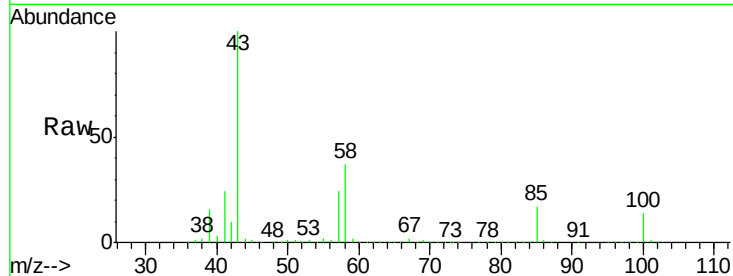
VSTDCCC050

Tgt Ion: 43 Resp: 819017

Ion Ratio Lower Upper

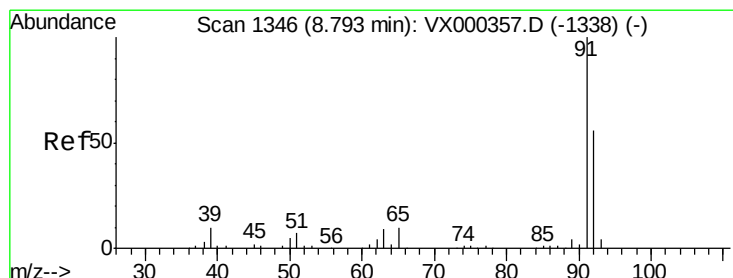
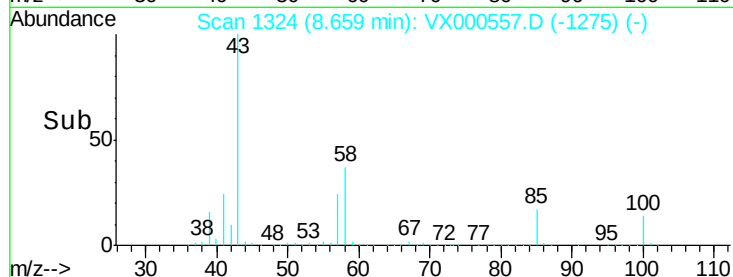
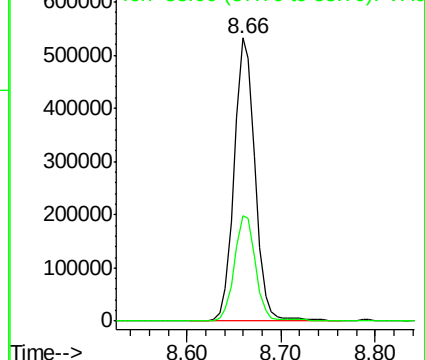
43 100

58 37.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 57.03 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000557.D

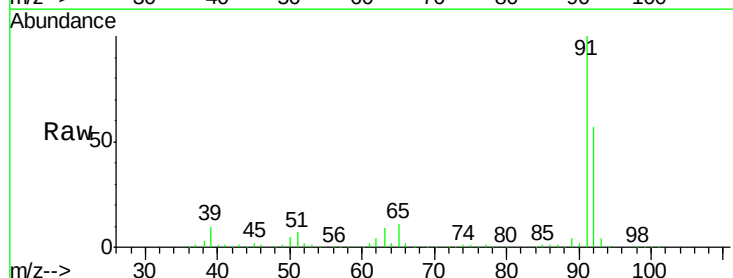
Acq: 30 Mar 2018 13:16

Tgt Ion: 92 Resp: 220218

Ion Ratio Lower Upper

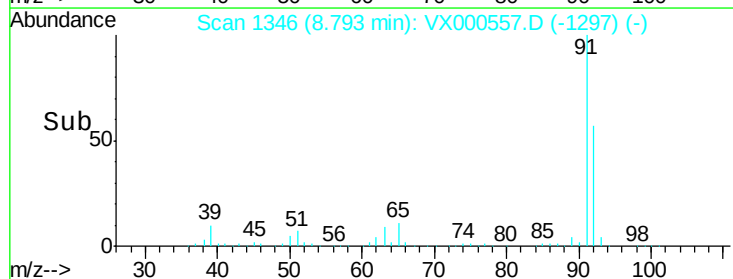
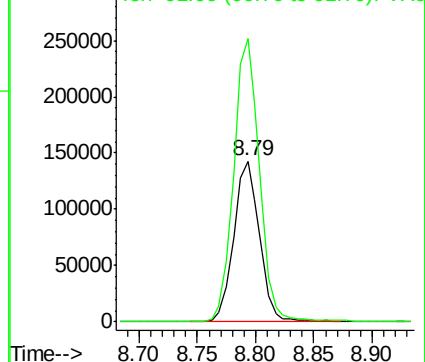
92 100

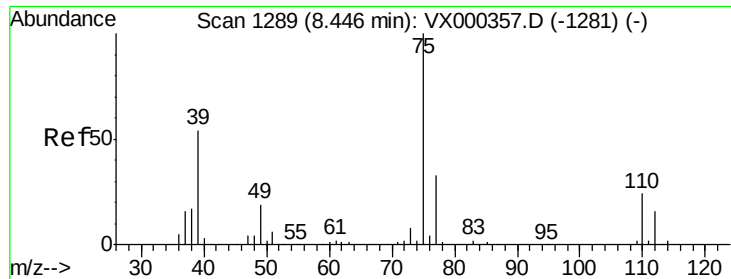
91 177.1 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 55.56 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

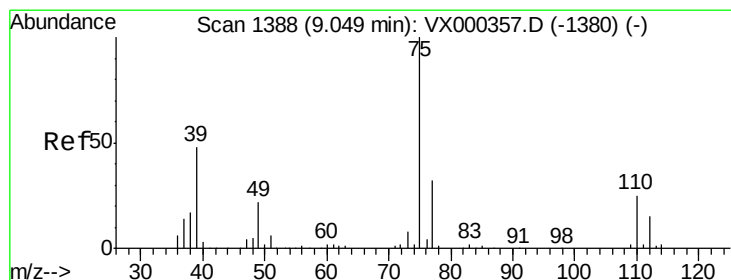
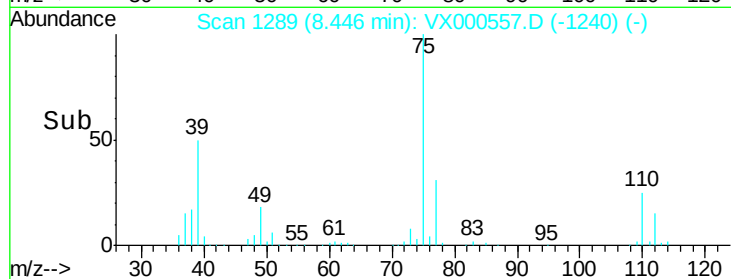
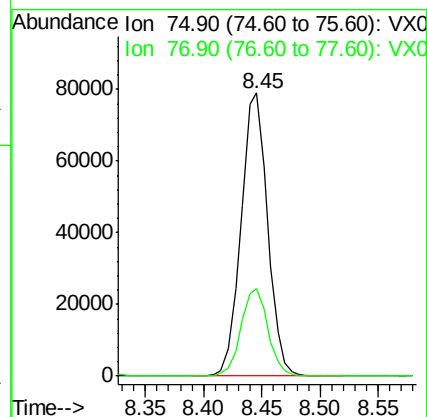
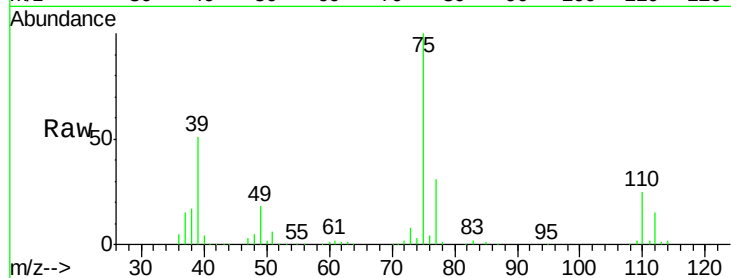
VSTDCCC050

Tgt Ion: 75 Resp: 125714

Ion Ratio Lower Upper

75 100

77 31.1 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 57.81 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

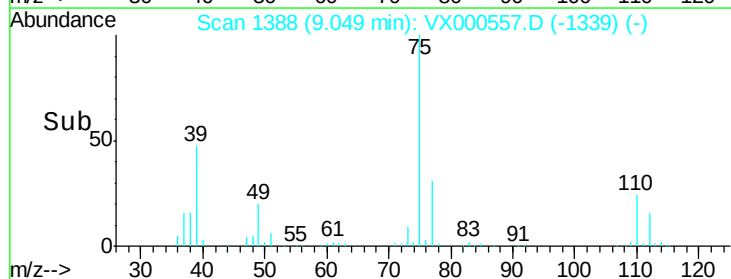
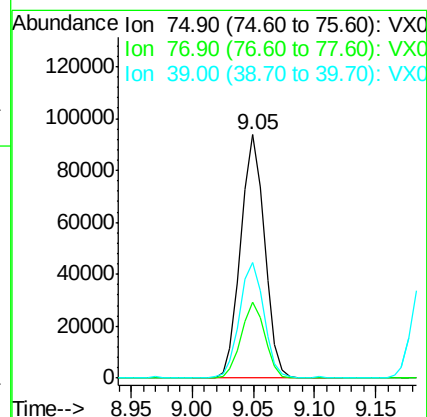
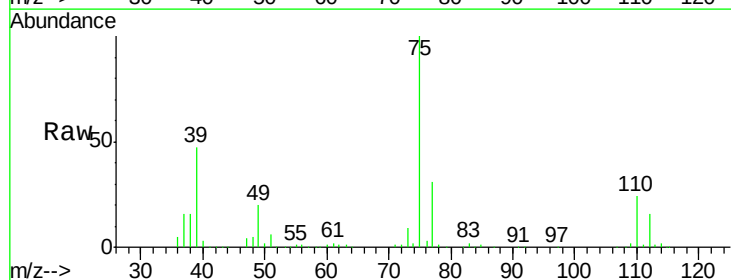
Tgt Ion: 75 Resp: 126873

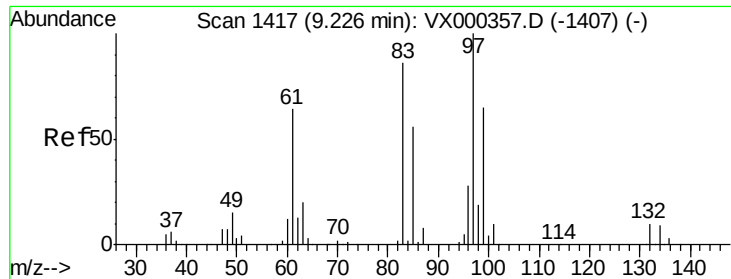
Ion Ratio Lower Upper

75 100

77 31.1 26.1 39.1

39 47.1 39.8 59.6

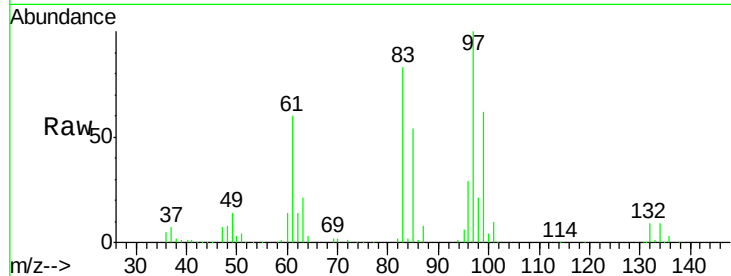




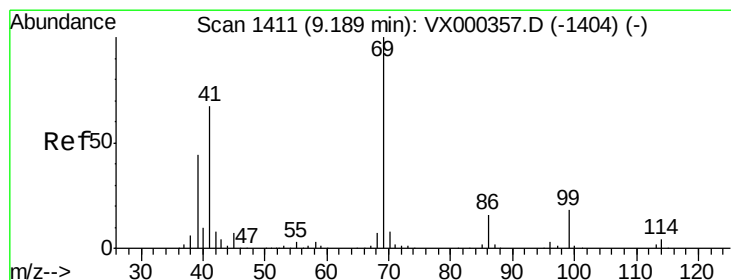
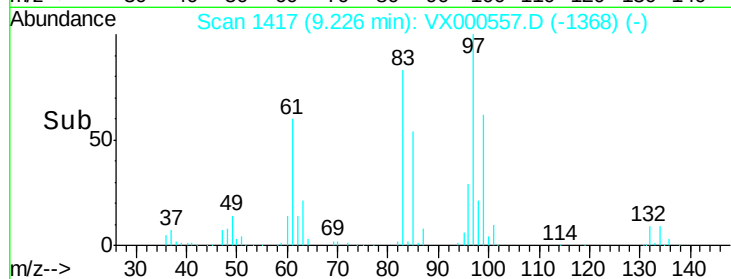
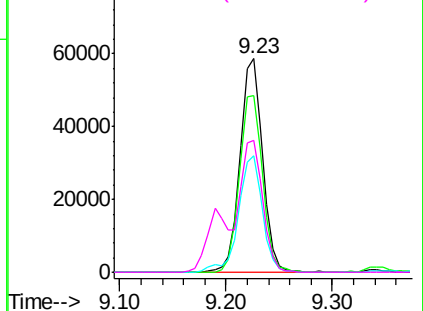
#55
 1,1,2-Trichloroethane
 Concen: 55.16 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	87593
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.9	101.9
85	54.4	42.8	64.2
99	61.8	49.4	74.2

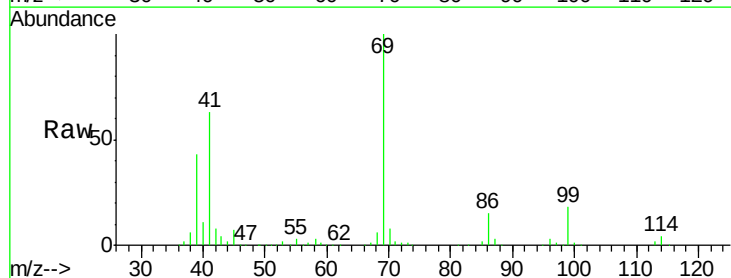


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

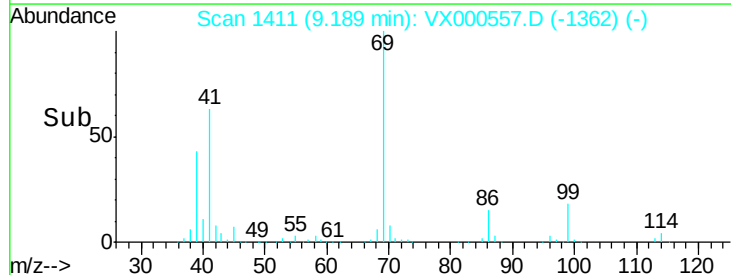
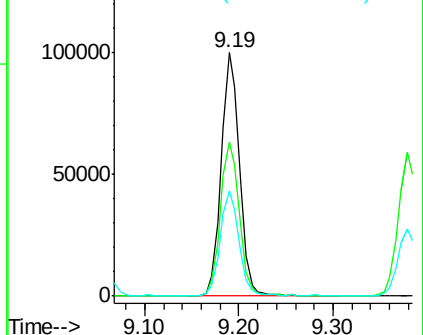


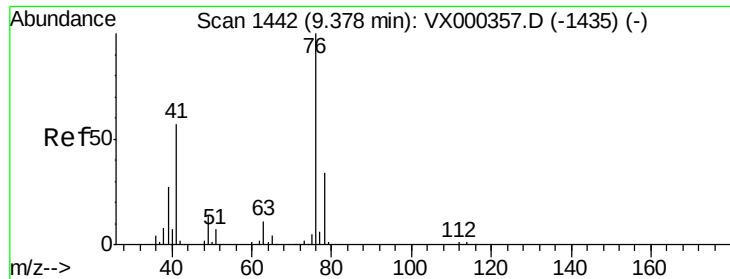
#56
 Ethyl methacrylate
 Concen: 56.02 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion:	69	Resp:	134793
Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.0	79.6
39	43.5	35.3	52.9



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

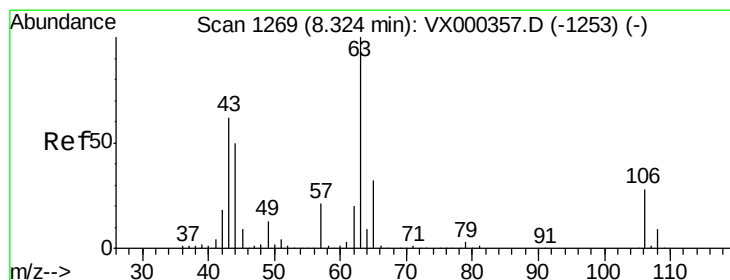
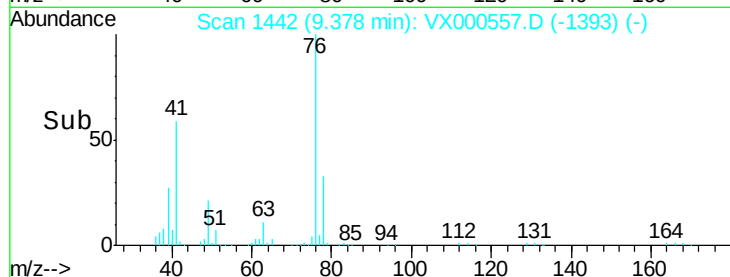
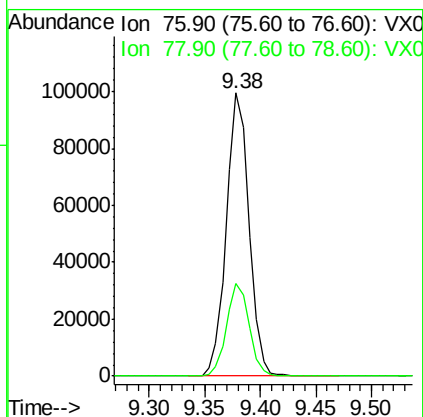
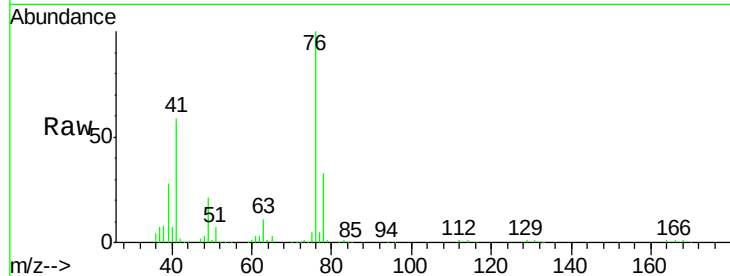




#57
 1,3-Dichloropropane
 Concen: 55.24 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

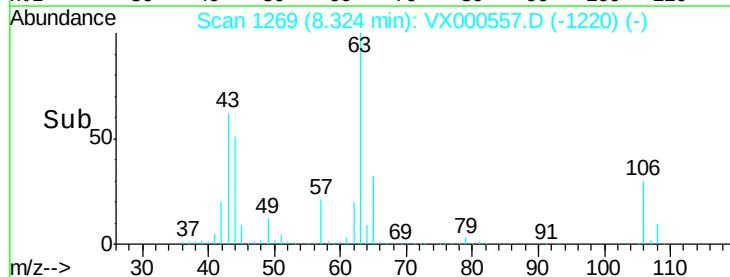
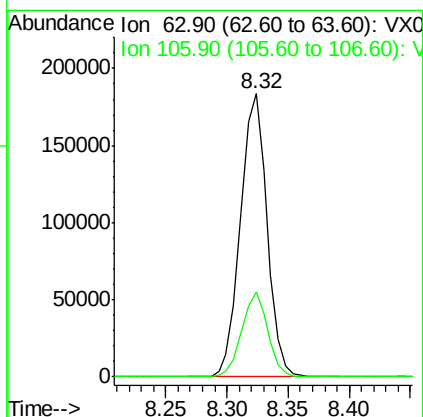
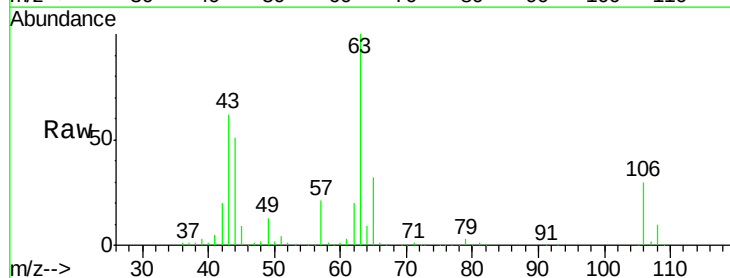
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

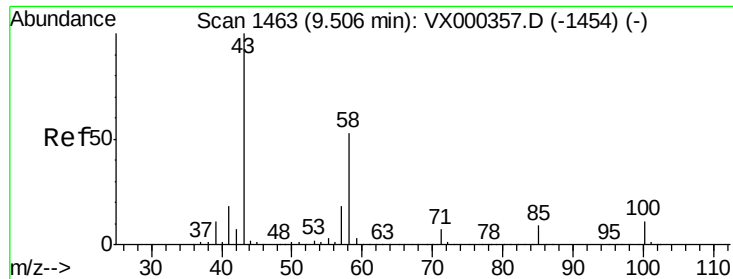
Tgt Ion: 76 Resp: 140295
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.52 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion: 63 Resp: 275455
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.2 34.8

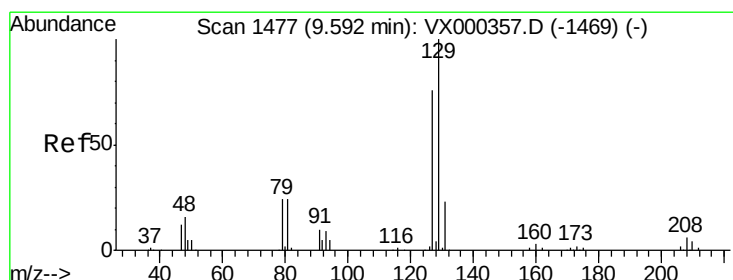
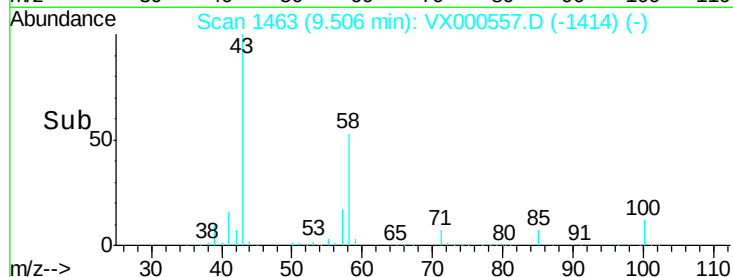
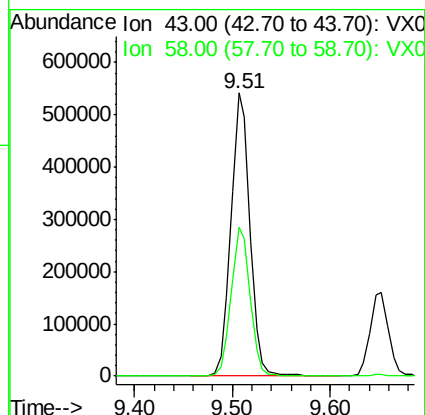
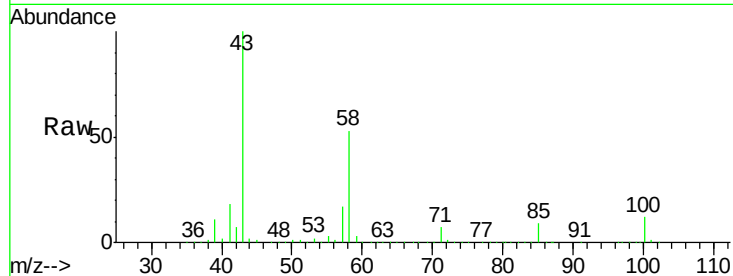




#59
2-Hexanone
Concen: 286.60 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

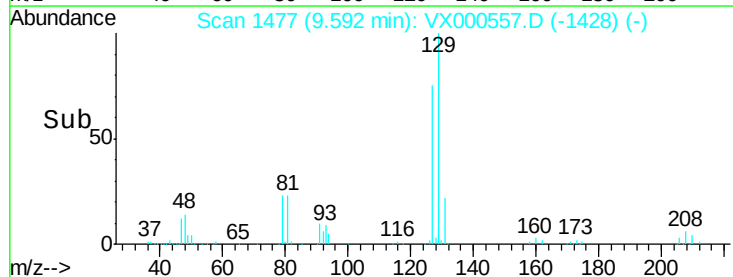
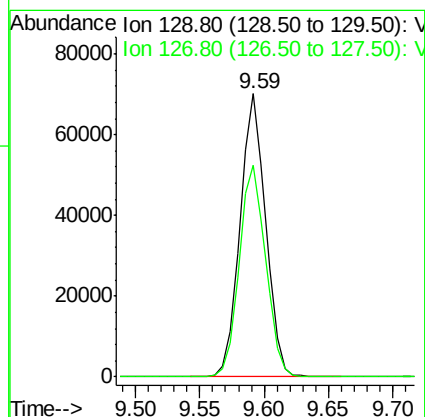
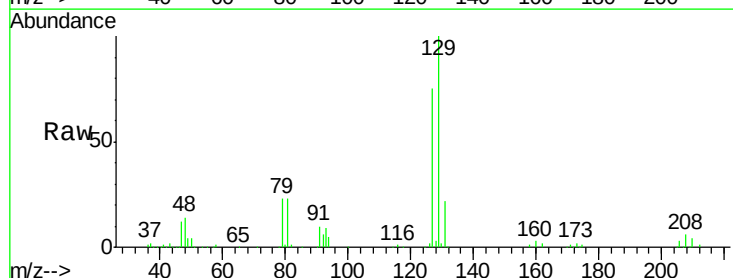
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

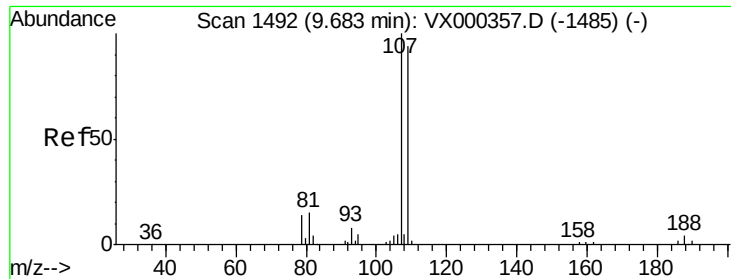
Tgt Ion: 43 Resp: 728453
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7



#60
Dibromochloromethane
Concen: 51.29 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion: 129 Resp: 96598
Ion Ratio Lower Upper
129 100
127 76.8 37.9 113.6

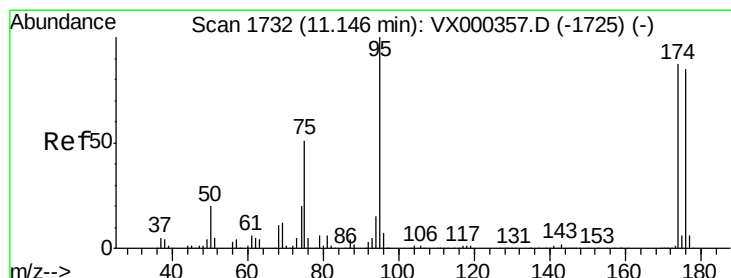
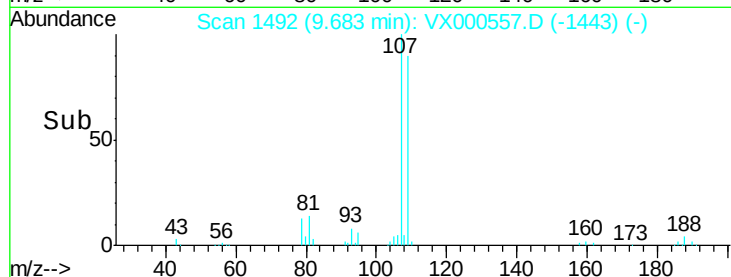
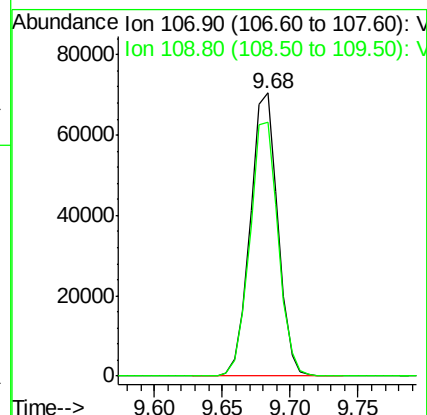
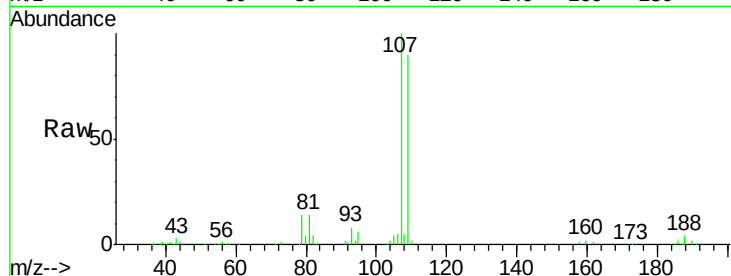




#61
 1,2-Dibromoethane
 Concen: 58.70 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

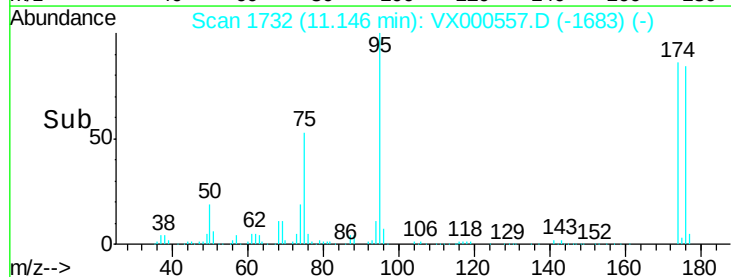
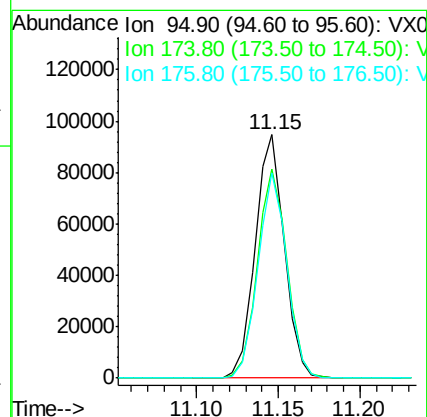
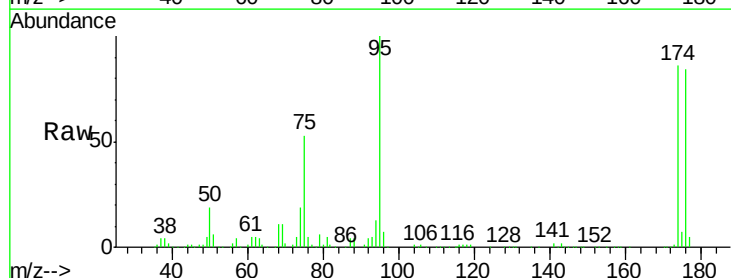
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

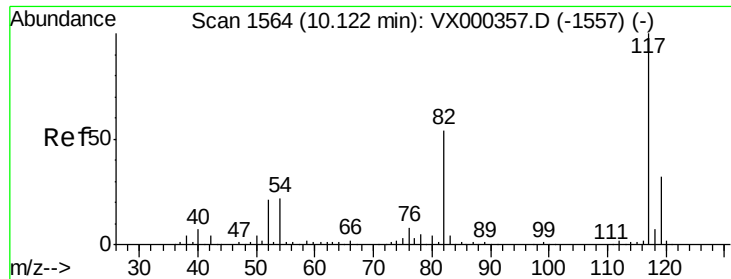
Tgt Ion: 107 Resp: 99960
 Ion Ratio Lower Upper
 107 100
 109 92.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 52.40 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion: 95 Resp: 118111
 Ion Ratio Lower Upper
 95 100
 174 87.0 0.0 173.6
 176 83.7 0.0 164.6

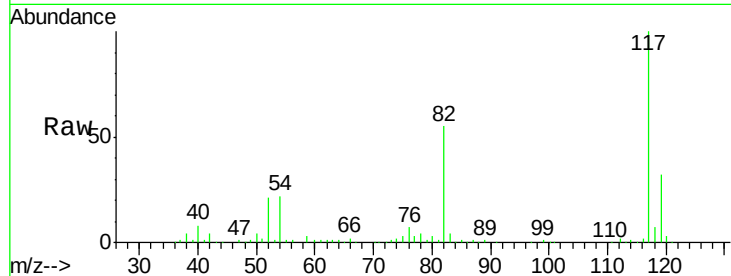




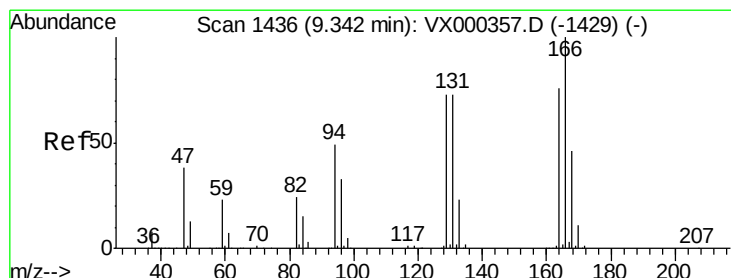
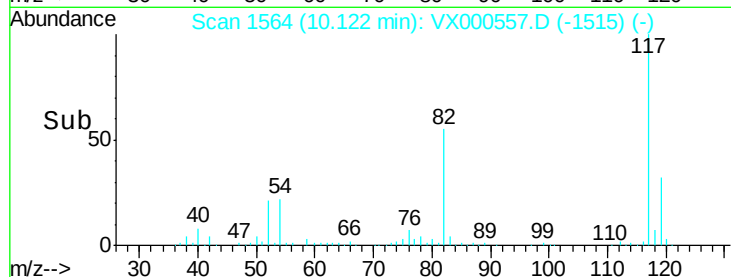
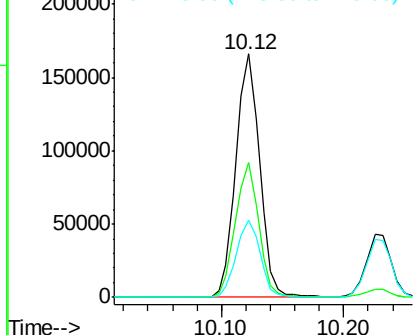
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 224058
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.0 24.9 37.3

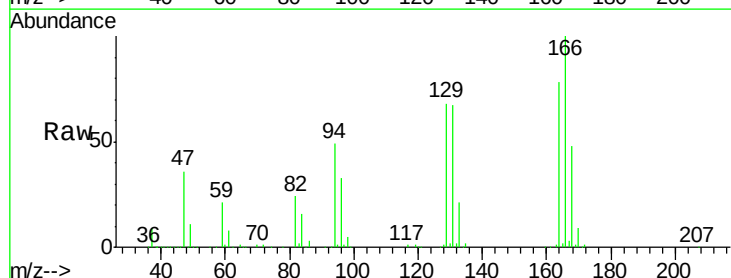


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

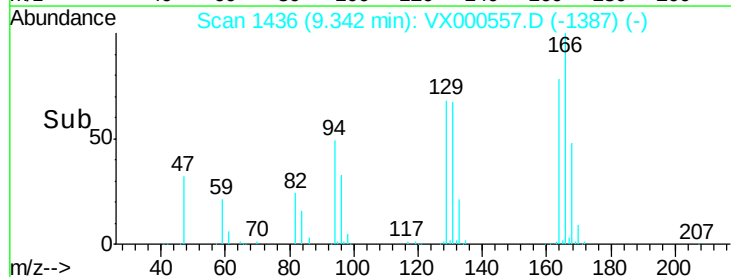
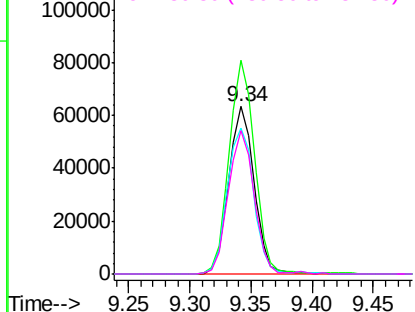


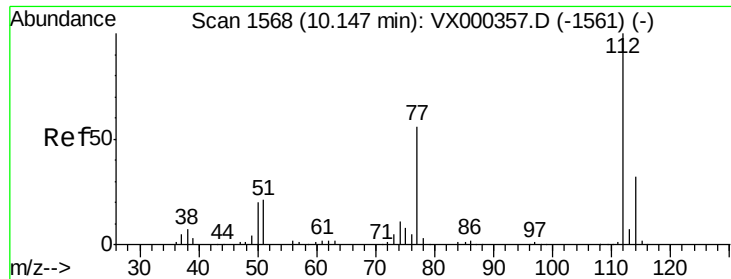
#64
Tetrachloroethene
Concen: 52.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion:164 Resp: 91134
Ion Ratio Lower Upper
164 100
166 127.7 101.0 151.6
129 87.0 79.0 118.4
131 86.0 71.9 107.9



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

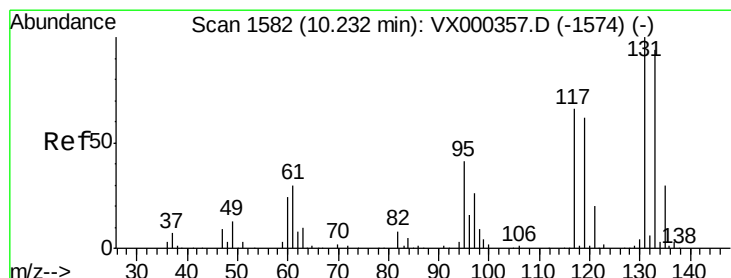
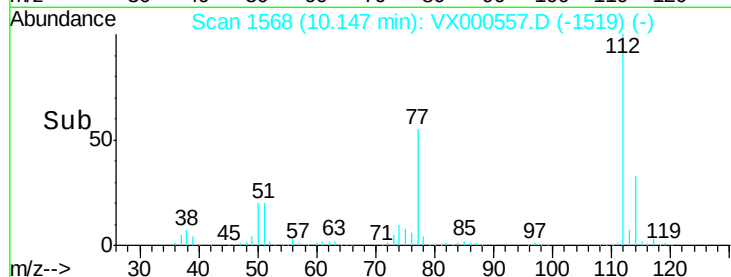
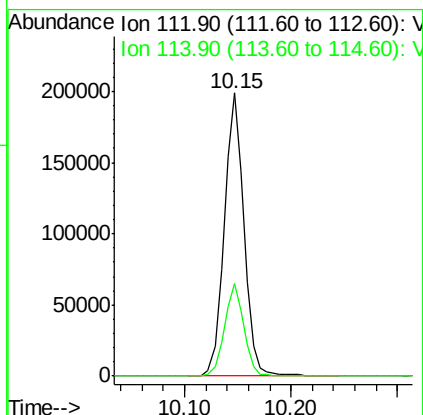
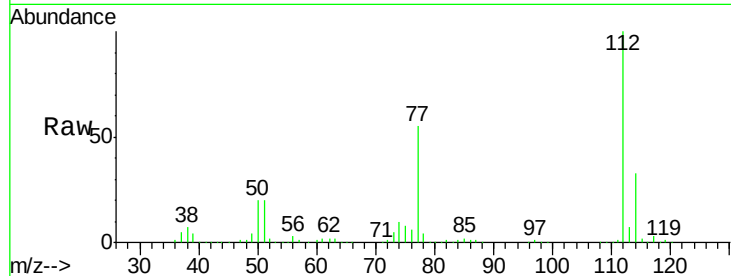




#65
Chlorobenzene
Concen: 51.43 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

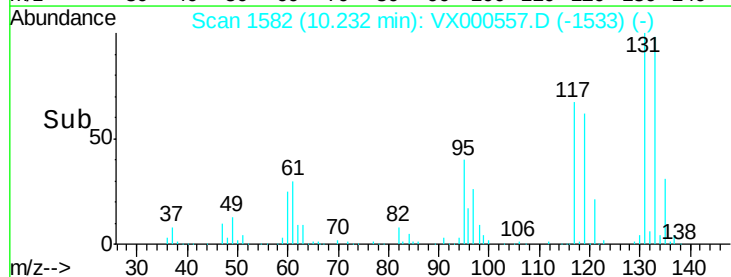
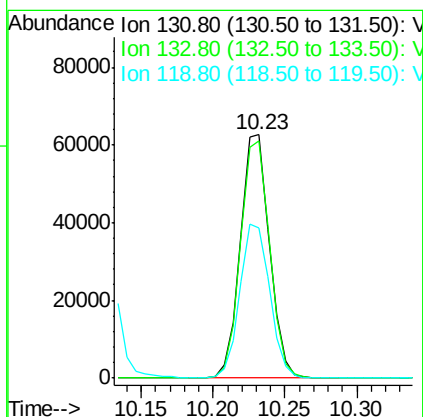
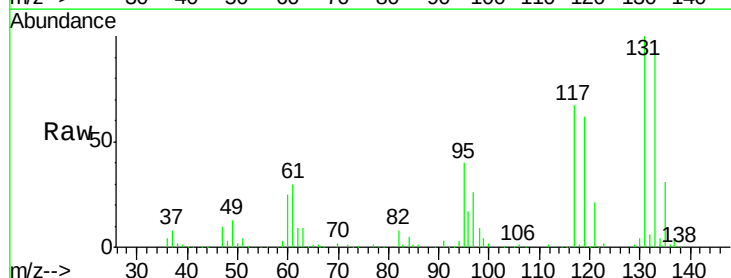
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

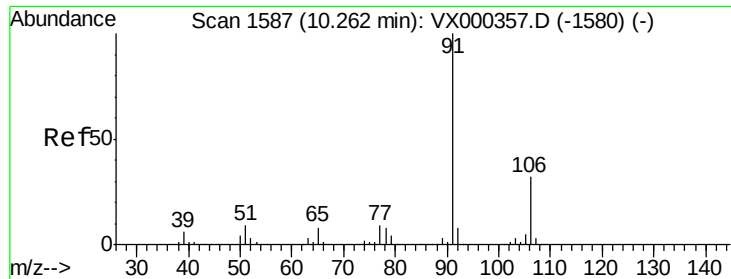
Tgt Ion:112 Resp: 256441
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.93 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion:131 Resp: 87948
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.3
119 65.0 33.1 99.2





#67

Ethyl Benzene

Concen: 53.03 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

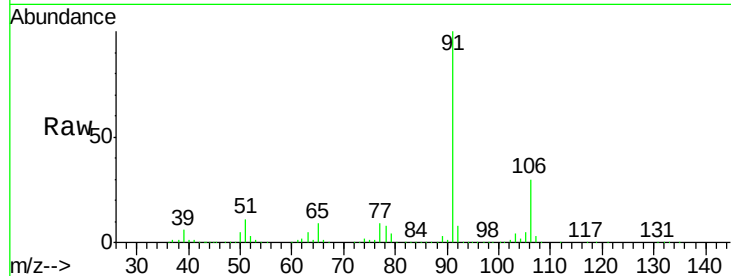
VSTDCCC050

Tgt Ion: 91 Resp: 448288

Ion Ratio Lower Upper

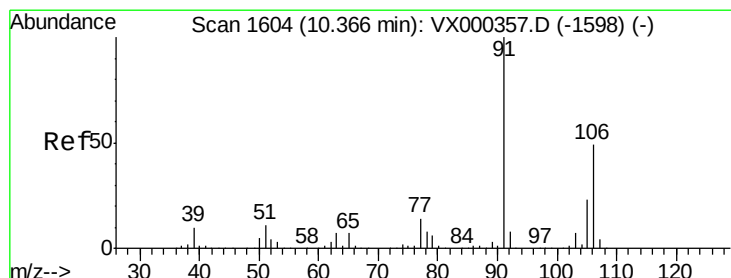
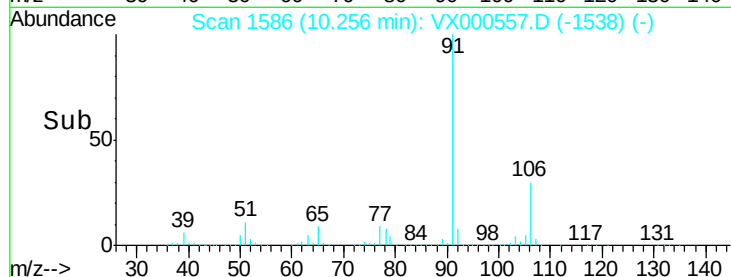
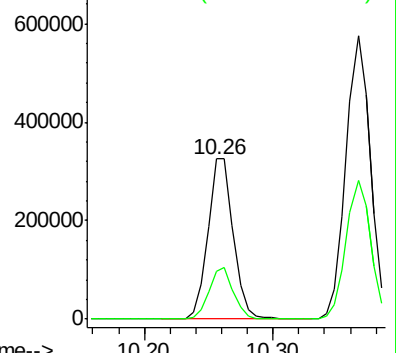
91 100

106 30.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 112.58 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000557.D

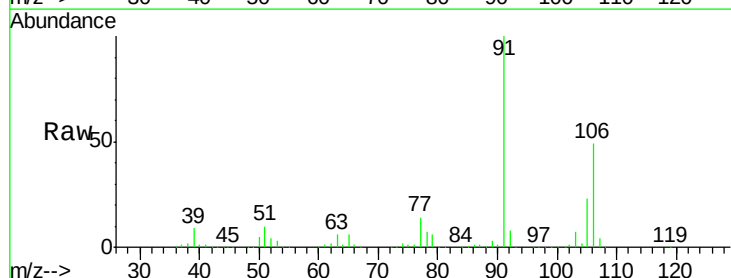
Acq: 30 Mar 2018 13:16

Tgt Ion: 106 Resp: 374440

Ion Ratio Lower Upper

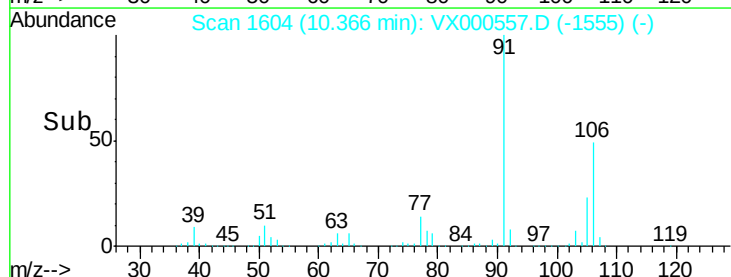
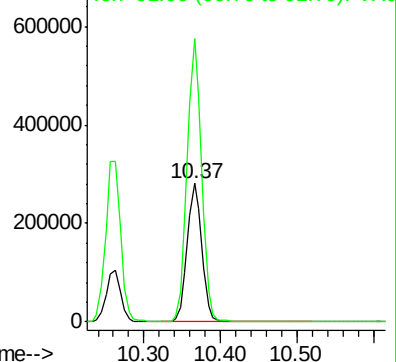
106 100

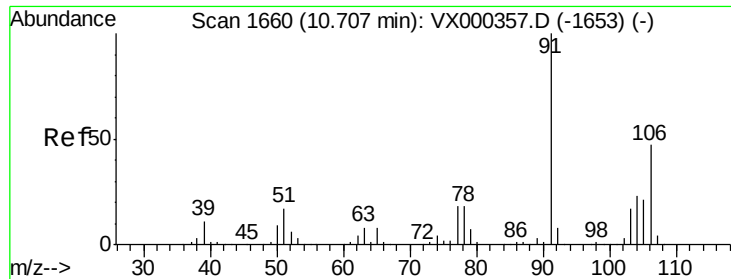
91 202.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

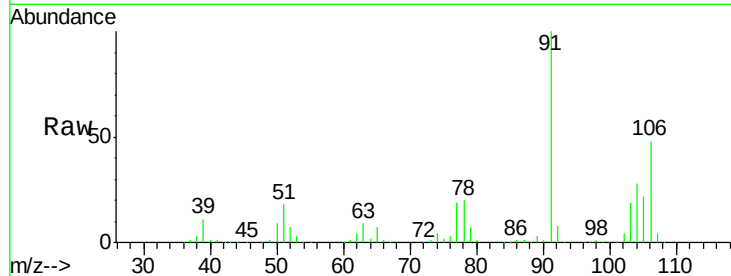




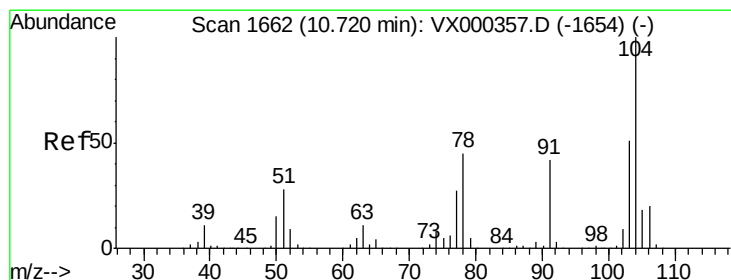
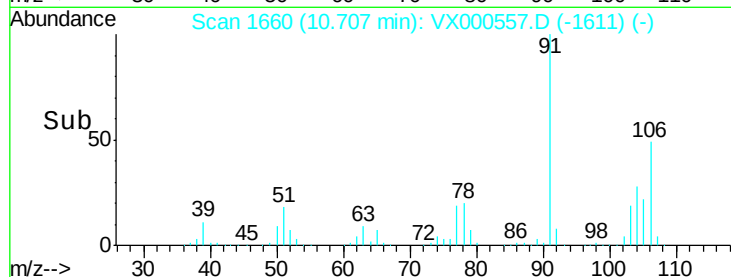
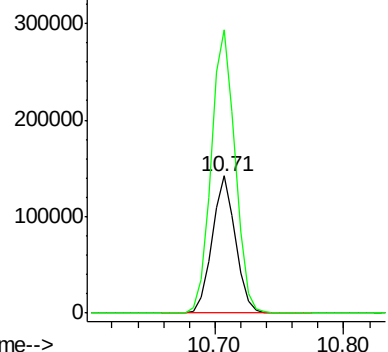
#69
o-Xylene
Concen: 54.92 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 176880
Ion Ratio Lower Upper
106 100
91 212.5 106.5 319.6

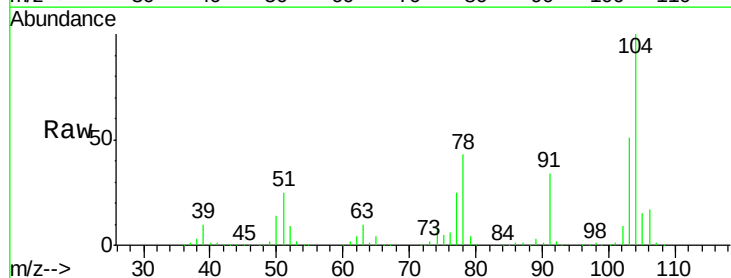


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

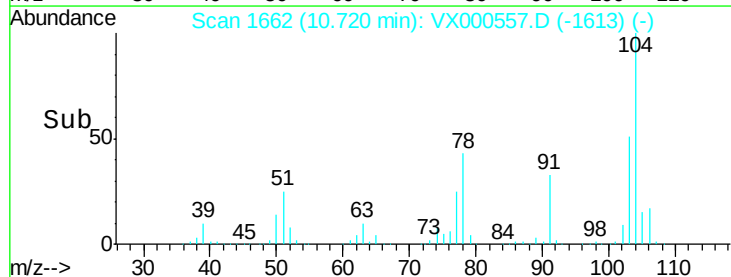
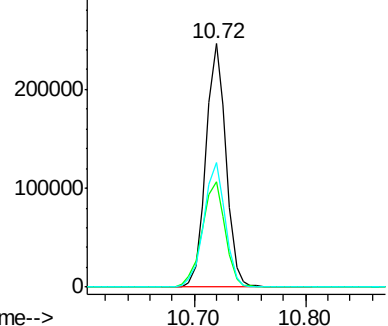


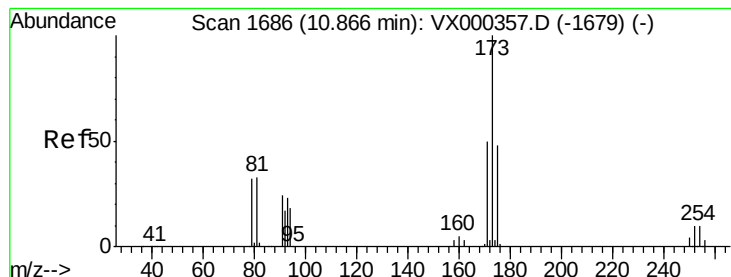
#70
Styrene
Concen: 57.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion:104 Resp: 307705
Ion Ratio Lower Upper
104 100
78 49.7 40.5 60.7
103 54.9 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.26 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

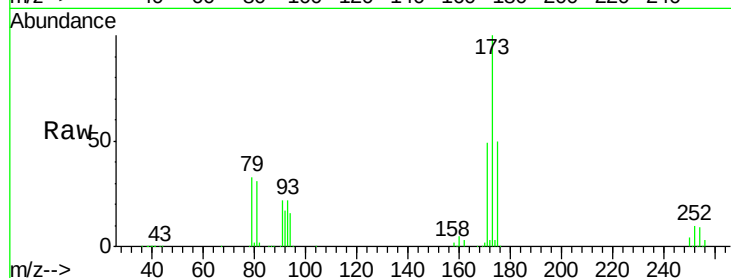
Tgt Ion:173 Resp: 78985

Ion Ratio Lower Upper

173 100

175 49.0 25.4 76.4

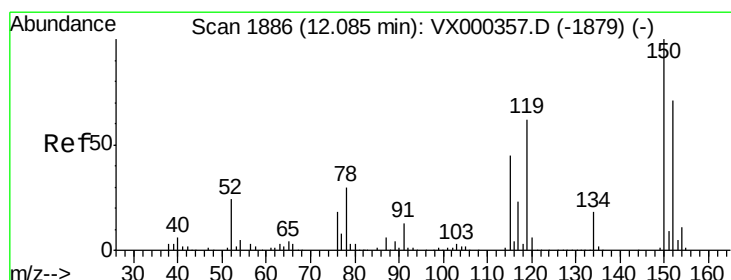
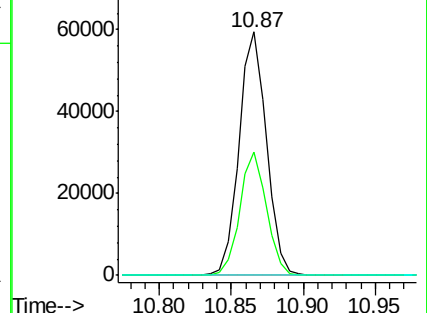
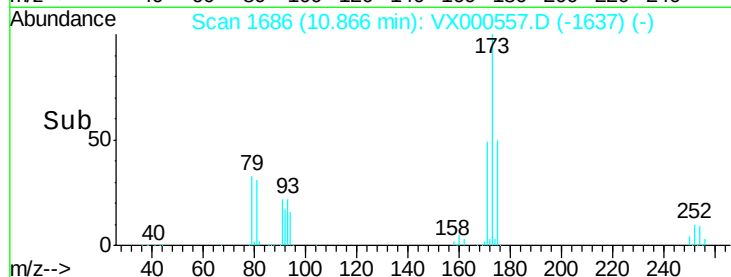
254 0.1 0.0 0.0#



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# 1886

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

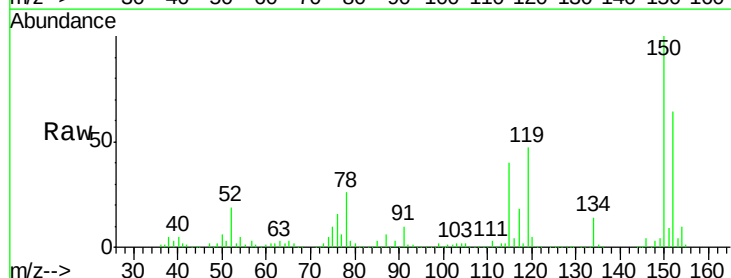
Tgt Ion:152 Resp: 157481

Ion Ratio Lower Upper

152 100

115 83.4 39.8 119.3

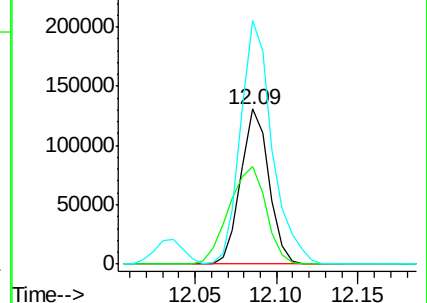
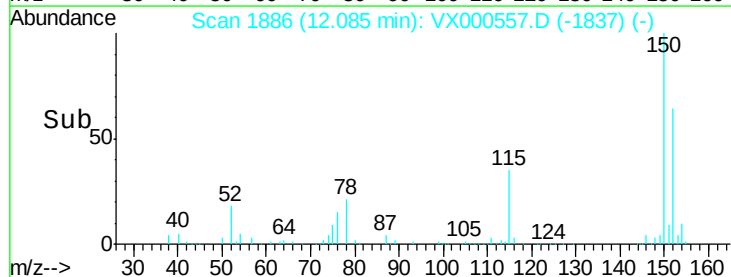
150 176.0 0.0 344.4

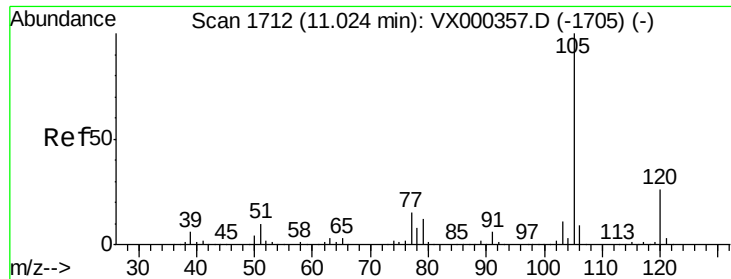


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.95 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

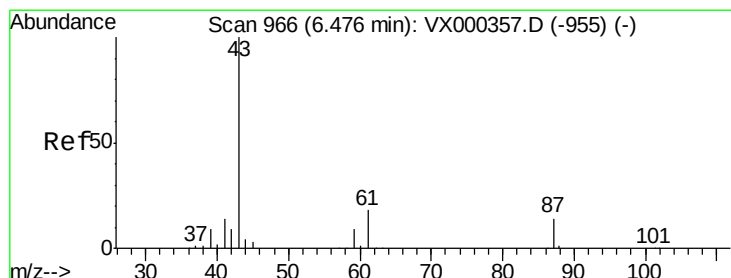
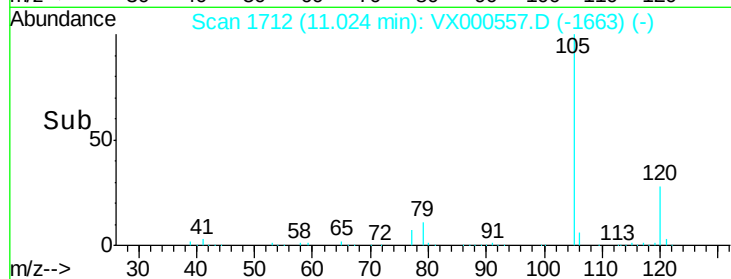
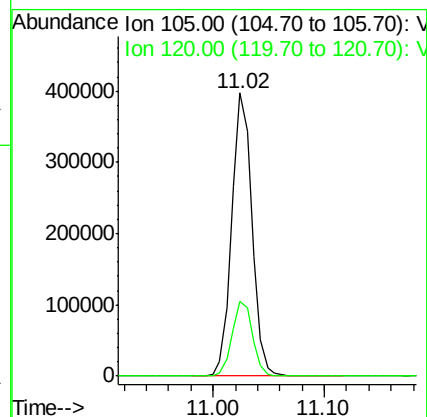
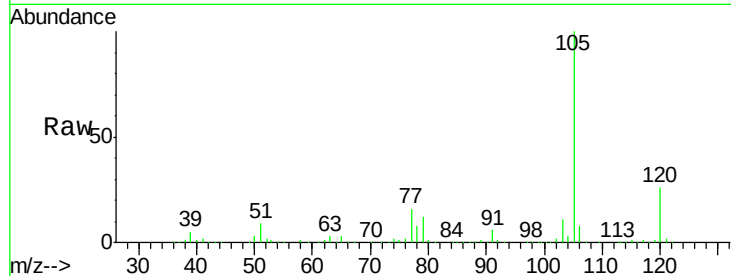
VSTDCCC050

Tgt Ion:105 Resp: 500266

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7



#74

N-ethyl acetate

Concen: 43.77 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Tgt Ion: 43 Resp: 200939

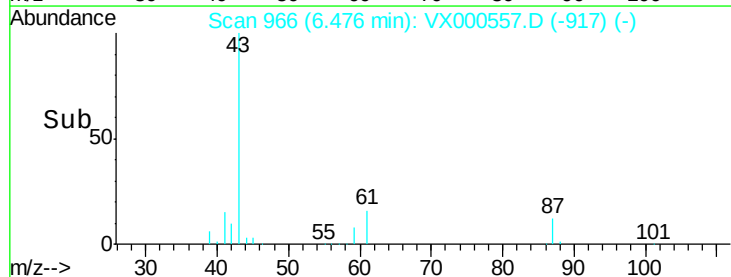
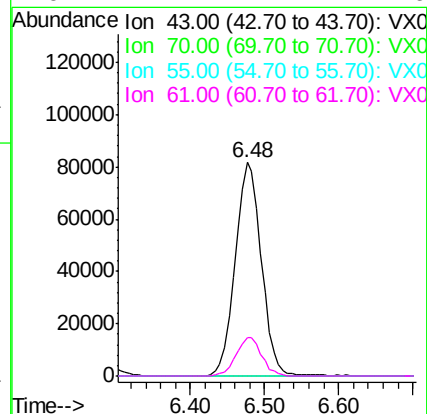
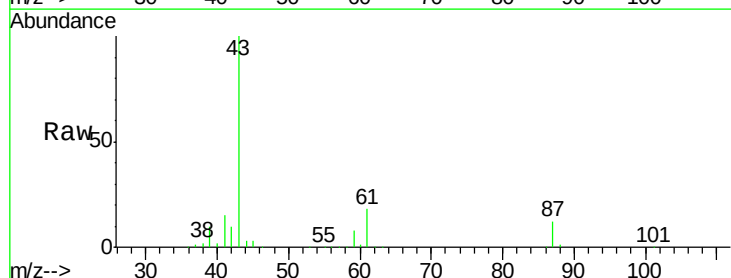
Ion Ratio Lower Upper

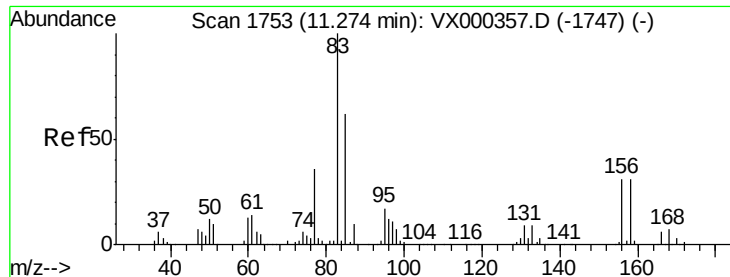
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

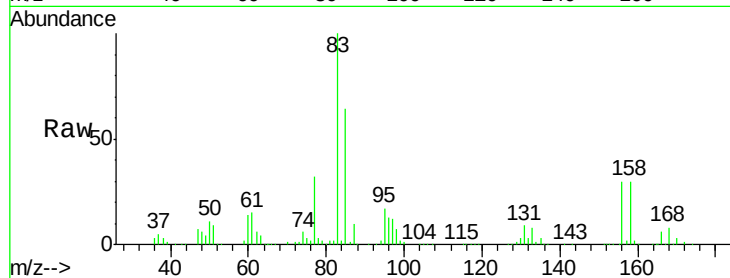
Tgt Ion: 83 Resp: 170710

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

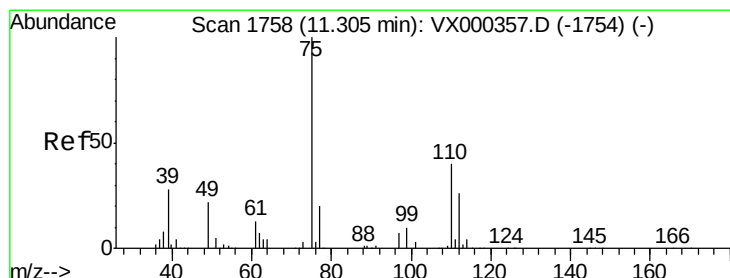
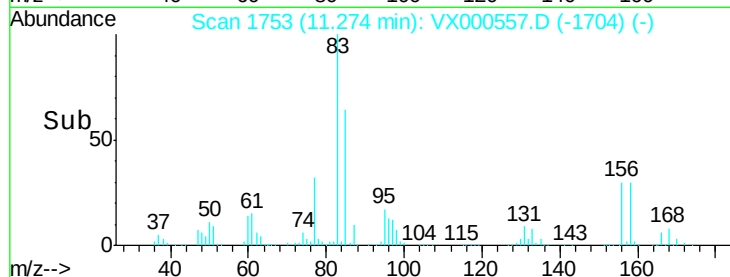
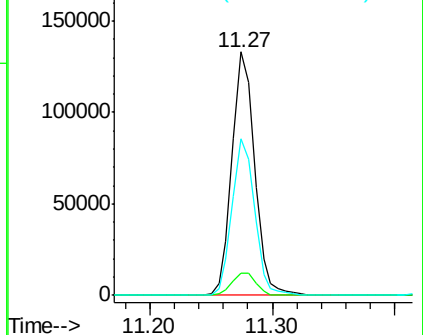
85 64.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.76 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000557.D

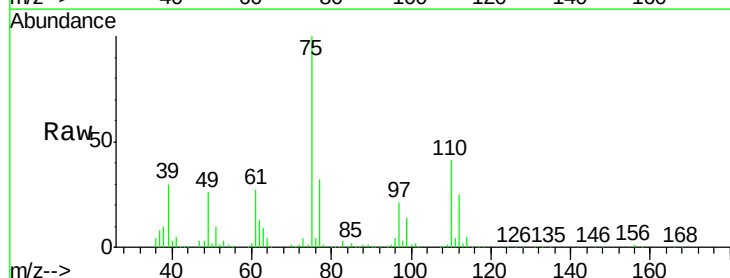
Acq: 30 Mar 2018 13:16

Tgt Ion: 75 Resp: 195479

Ion Ratio Lower Upper

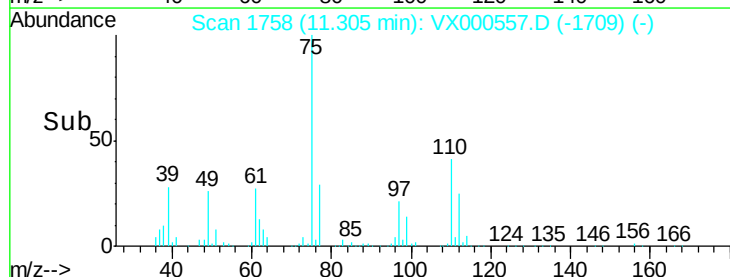
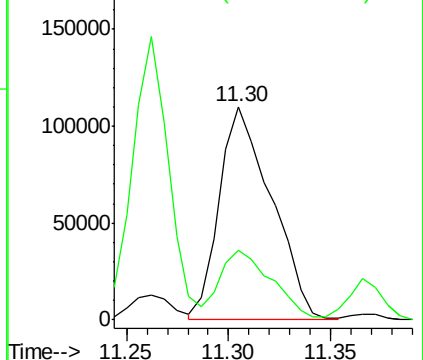
75 100

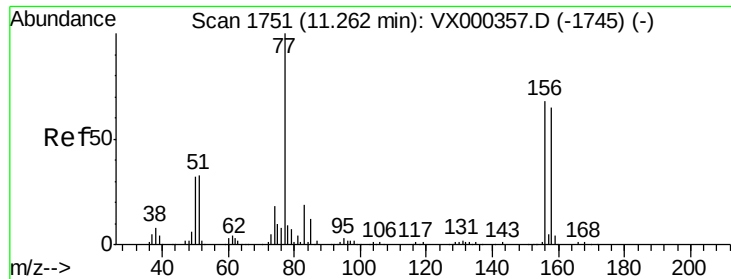
77 32.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

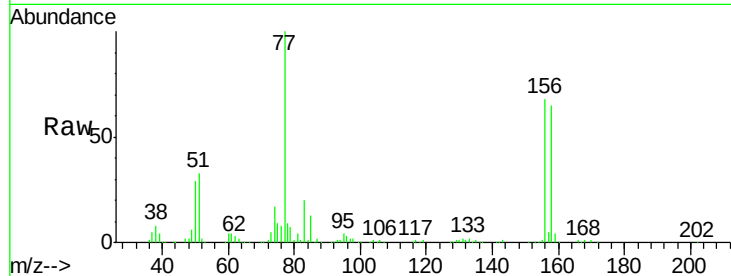
Tgt Ion:156 Resp: 123910

Ion Ratio Lower Upper

156 100

77 146.5 73.4 220.2

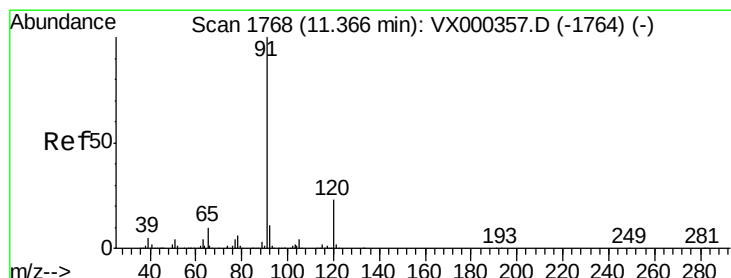
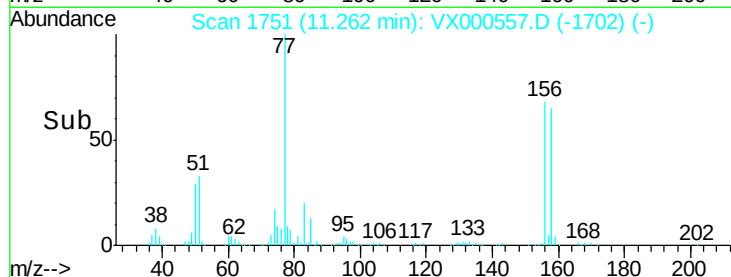
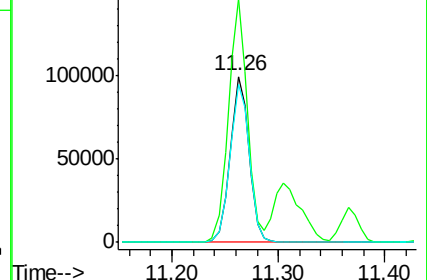
158 97.9 48.5 145.6



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: 48.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000557.D

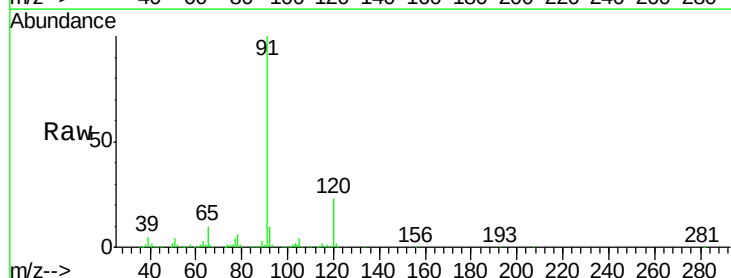
Acq: 30 Mar 2018 13:16

Tgt Ion: 91 Resp: 608316

Ion Ratio Lower Upper

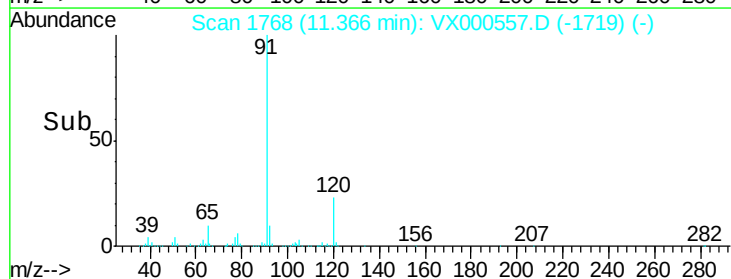
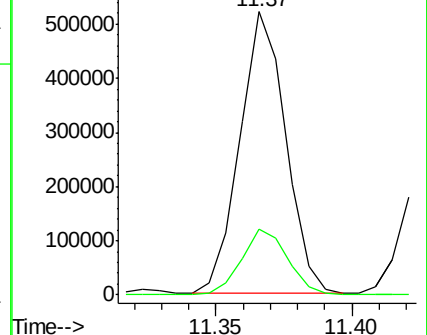
91 100

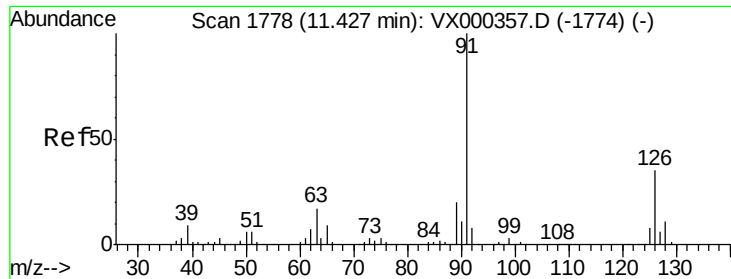
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

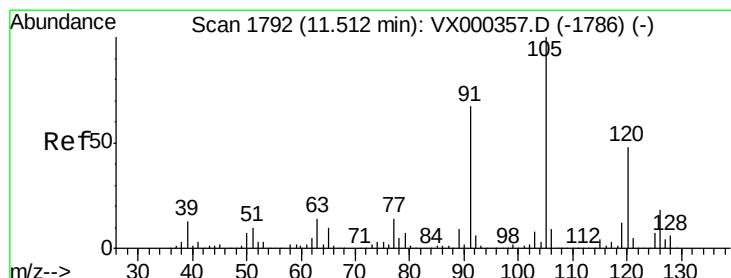
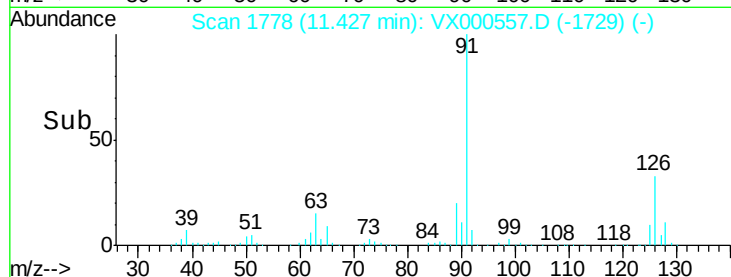
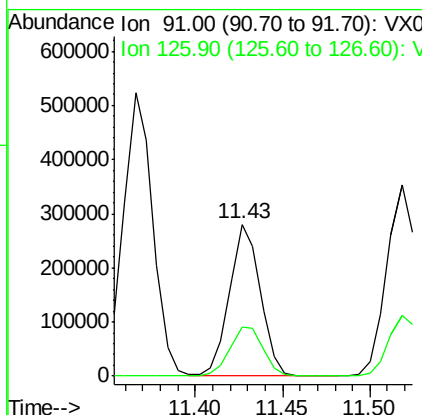
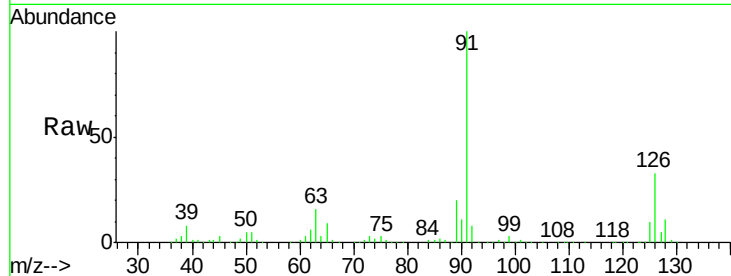




#79
 2-Chlorotoluene
 Concen: 47.80 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

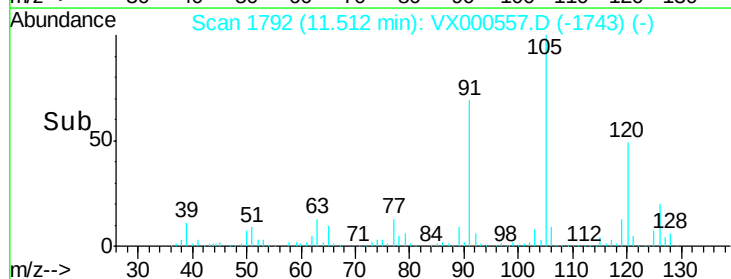
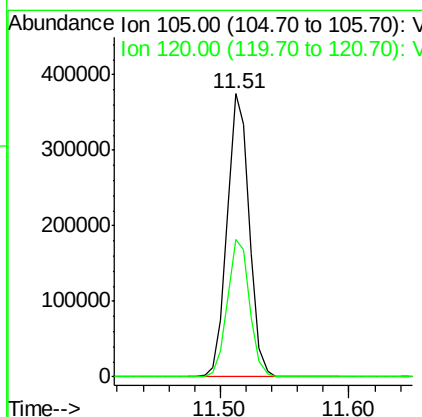
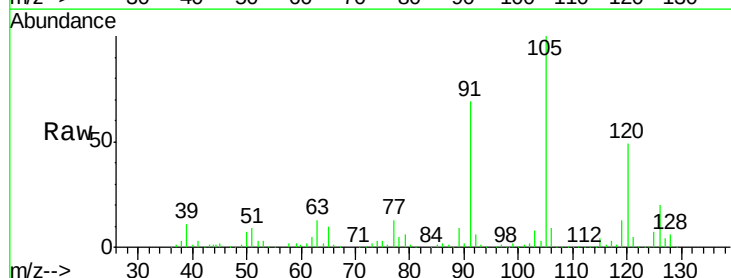
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

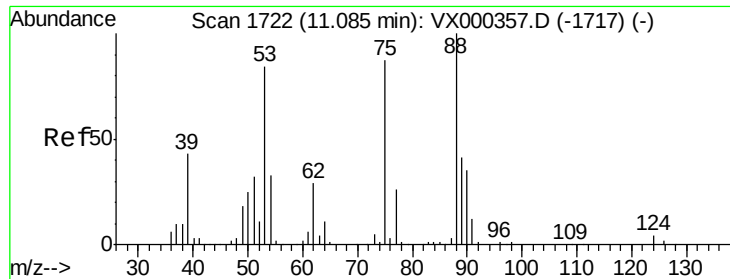
Tgt Ion: 91 Resp: 343545
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.68 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion: 105 Resp: 453384
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.28 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

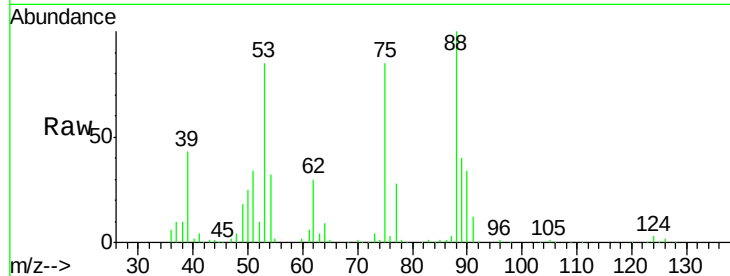
Tgt Ion: 75 Resp: 48381

Ion Ratio Lower Upper

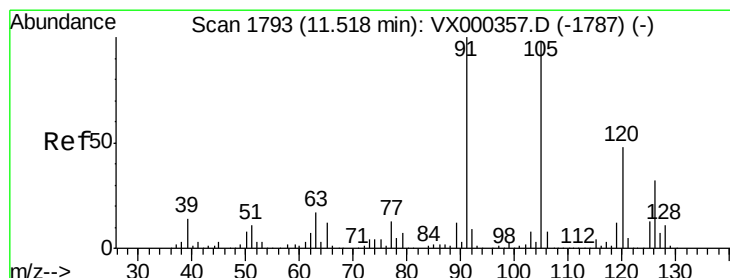
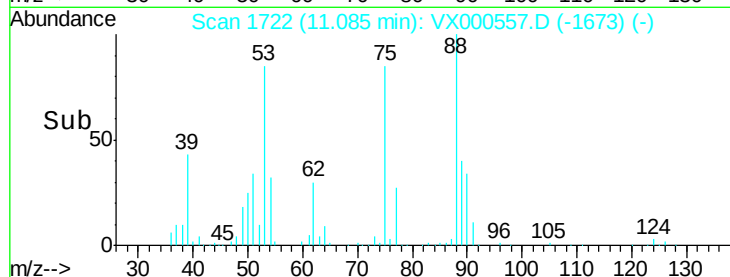
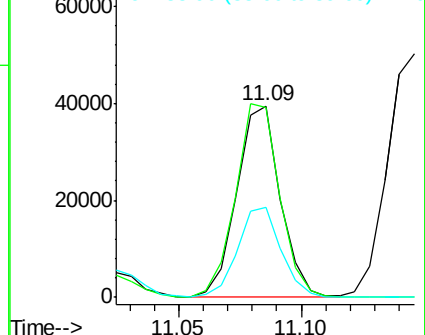
75 100

53 102.7 80.7 121.1

89 47.3 39.4 59.0



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



#82

4-Chlorotoluene

Concen: 49.70 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000557.D

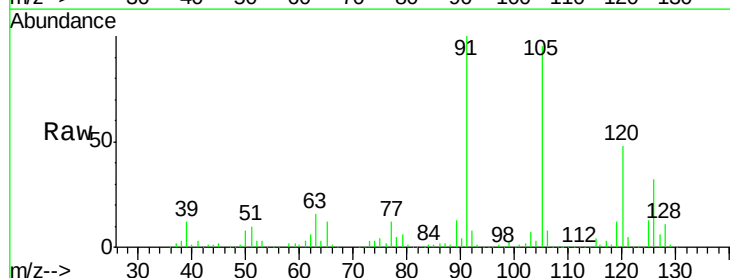
Acq: 30 Mar 2018 13:16

Tgt Ion: 91 Resp: 426498

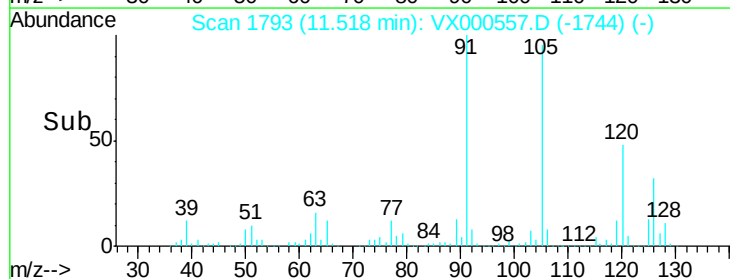
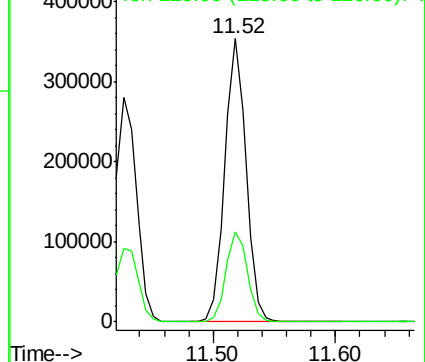
Ion Ratio Lower Upper

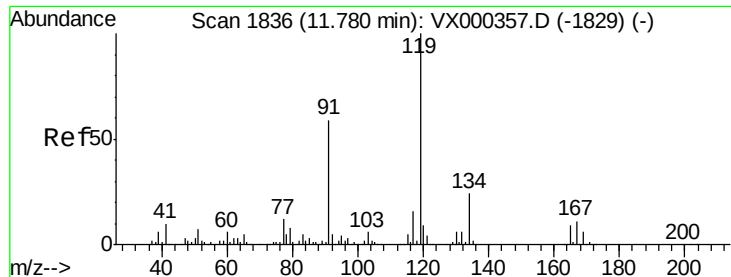
91 100

126 32.0 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

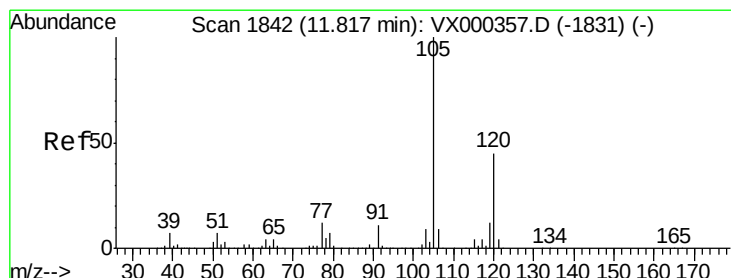
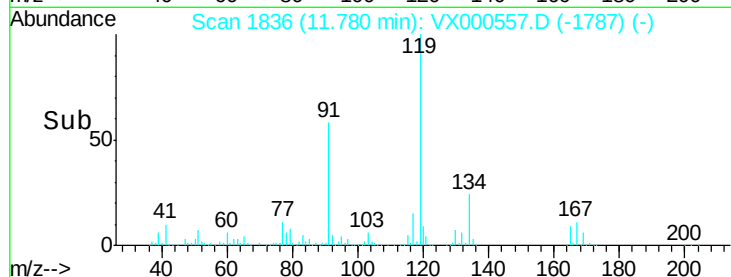
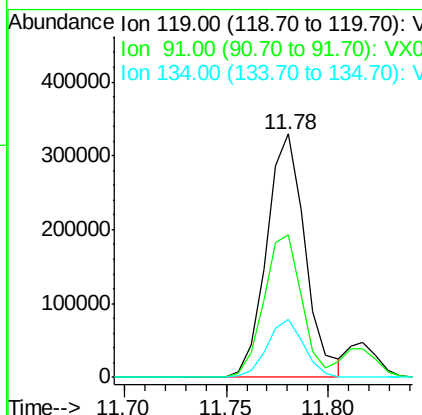
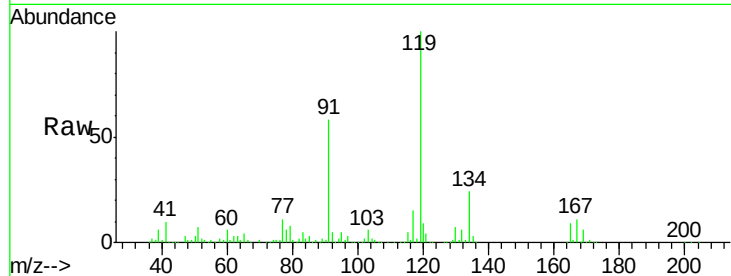




#83
 tert-Butylbenzene
 Concen: 48.99 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

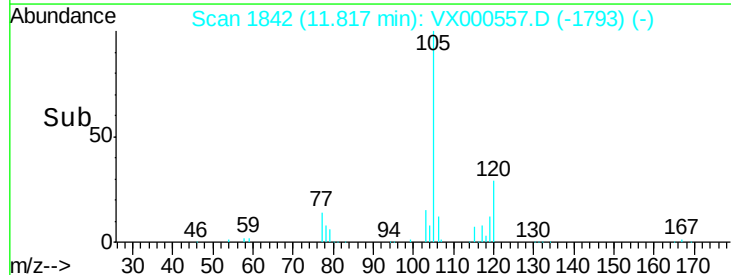
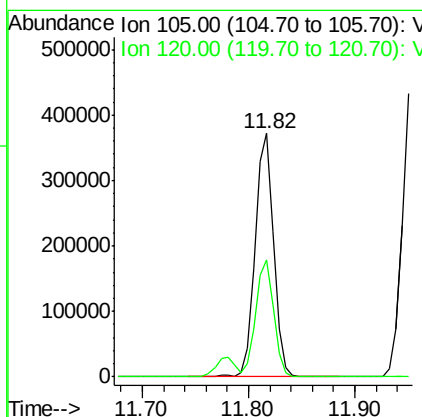
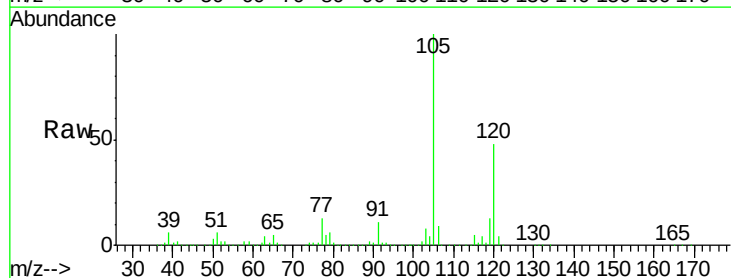
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

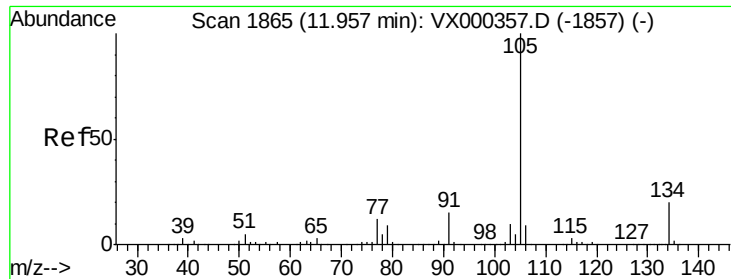
Tgt Ion:119 Resp: 433485
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.8 86.4
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.18 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion:105 Resp: 452382
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 50.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

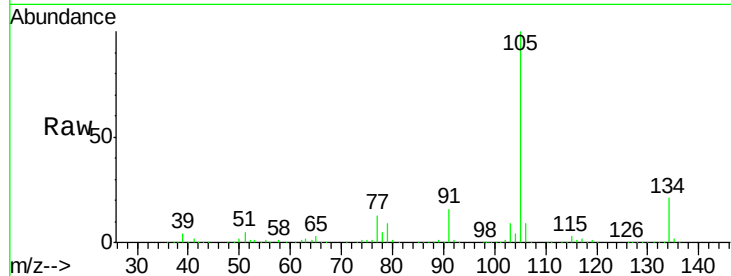
VSTDCCC050

Tgt Ion:105 Resp: 556527

Ion Ratio Lower Upper

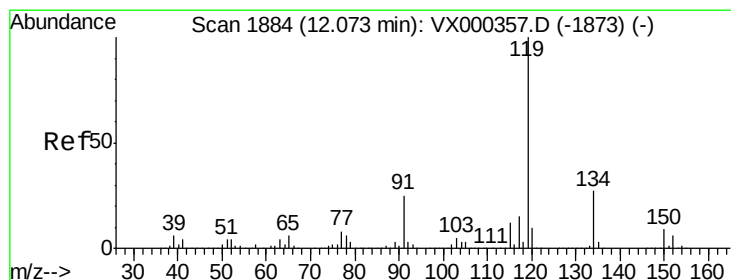
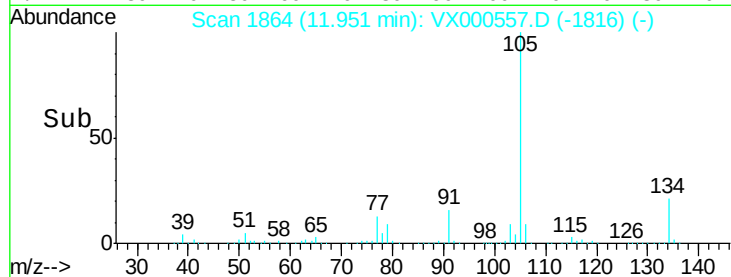
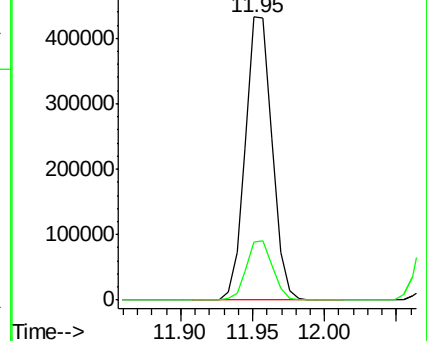
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.22 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

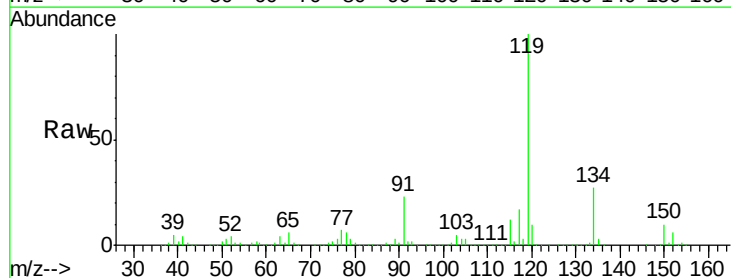
Tgt Ion:119 Resp: 517499

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

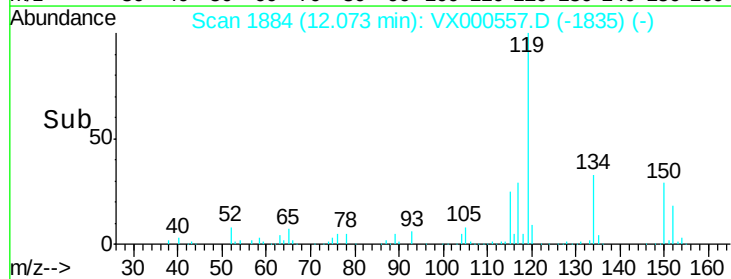
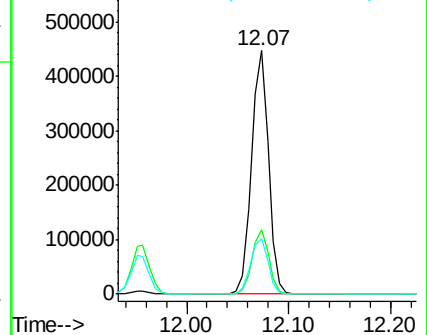
91 23.5 12.0 36.1

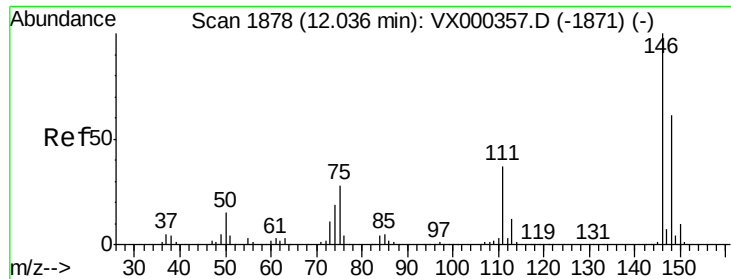


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

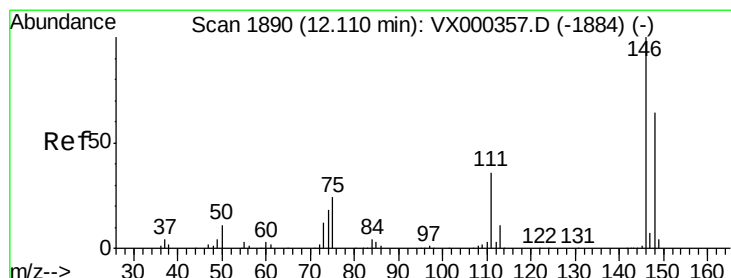
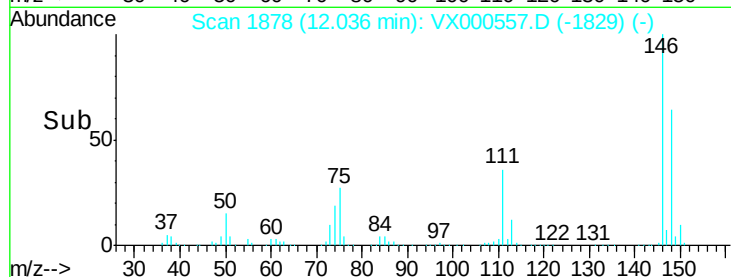
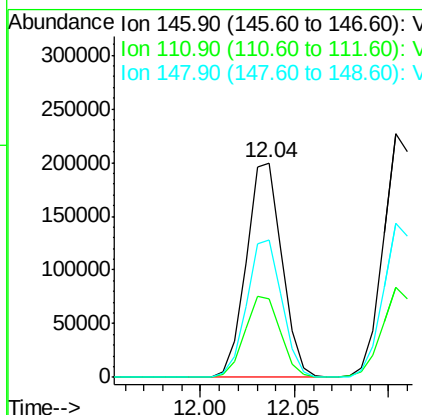
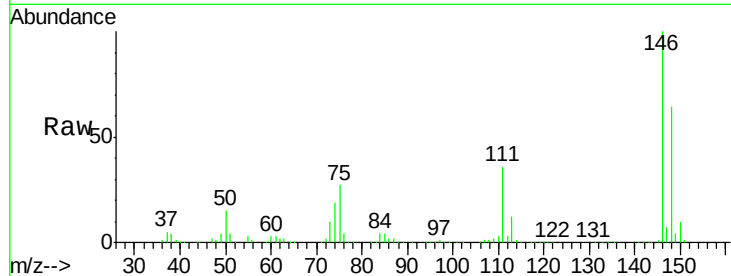




#87
 1,3-Dichlorobenzene
 Concen: 49.81 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

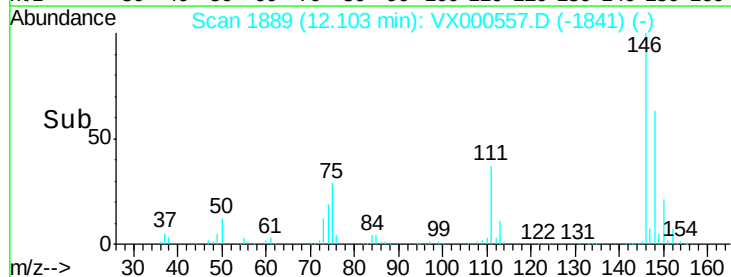
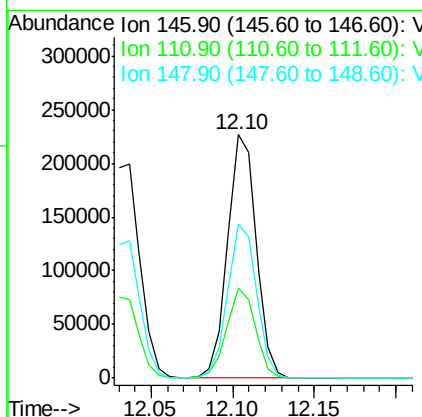
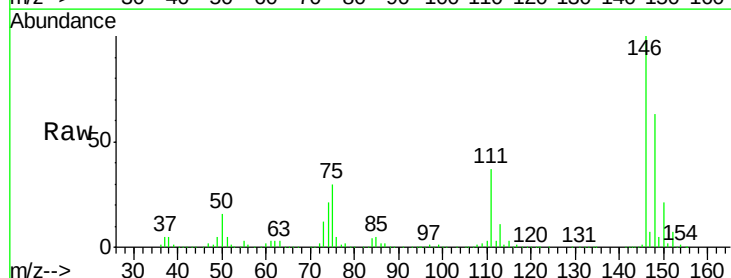
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

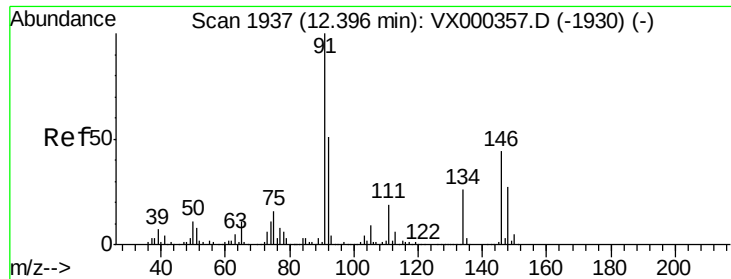
Tgt Ion:146 Resp: 261776
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.5 58.5
 148 63.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 50.16 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion:146 Resp: 276758
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.9
 148 64.1 31.0 93.0

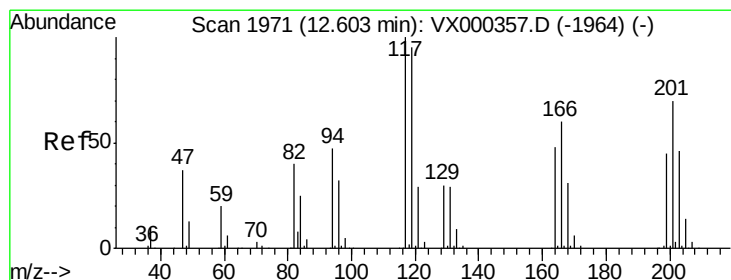
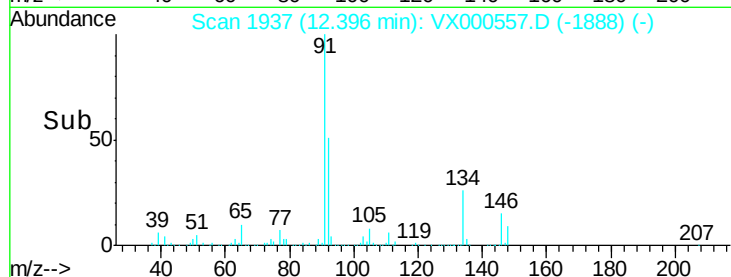
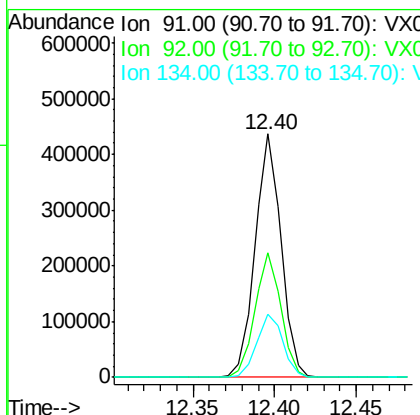
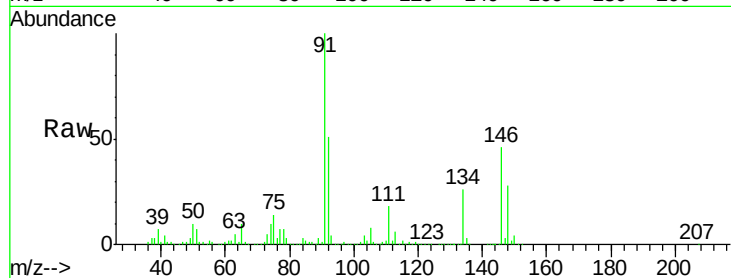




#89
n-Butylbenzene
Concen: 53.49 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

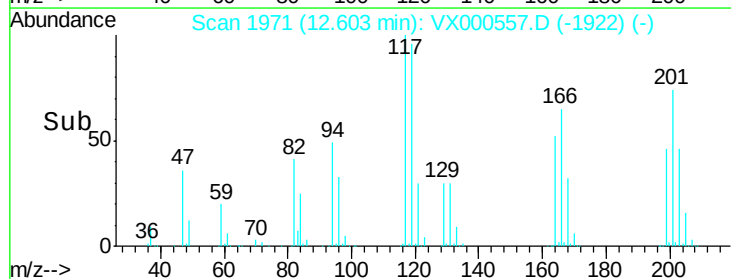
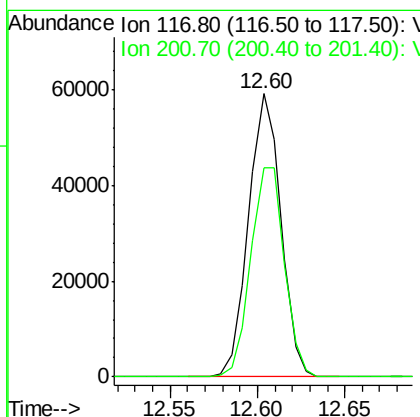
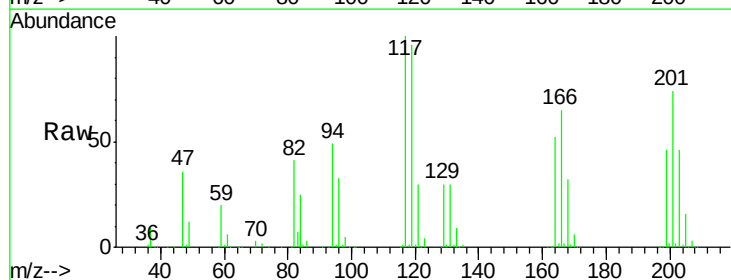
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

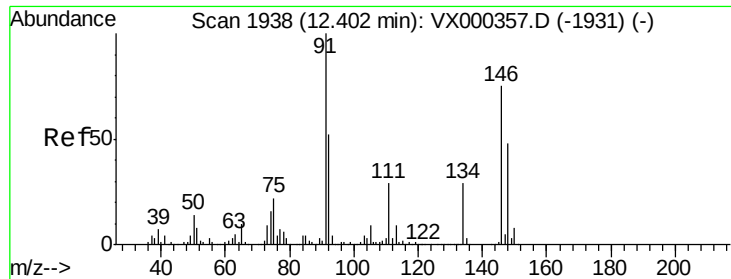
Tgt Ion: 91 Resp: 484225
Ion Ratio Lower Upper
91 100
92 51.1 25.9 77.8
134 26.3 13.1 39.3



#90
Hexachloroethane
Concen: 49.76 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion: 117 Resp: 76153
Ion Ratio Lower Upper
117 100
201 77.1 37.9 113.6

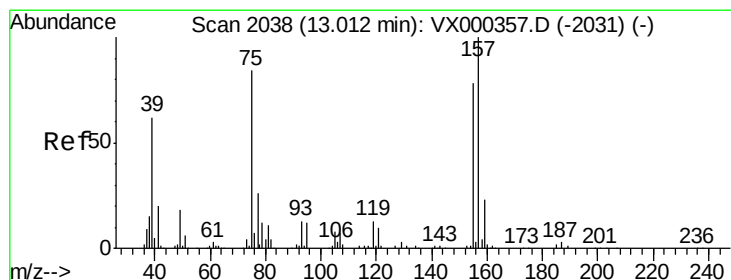
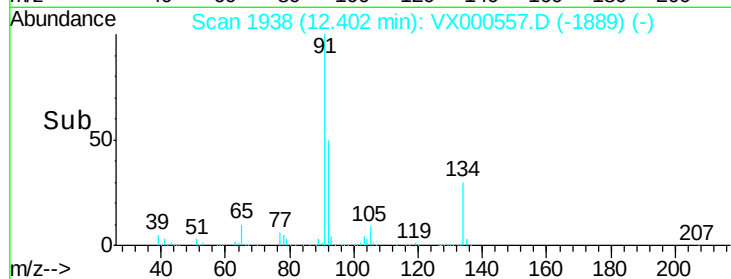
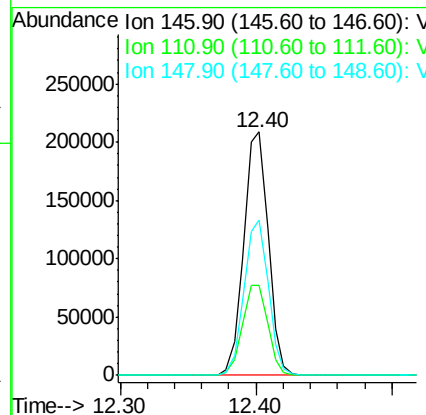
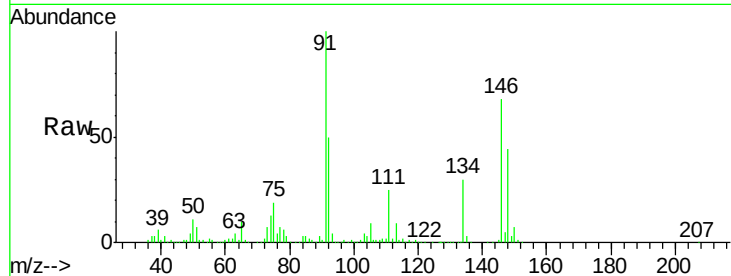




#91
1,2-Dichlorobenzene
Concen: 50.88 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

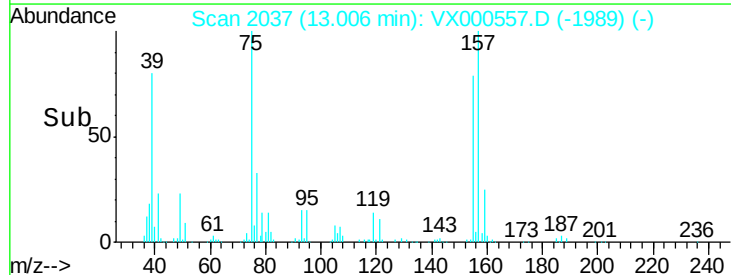
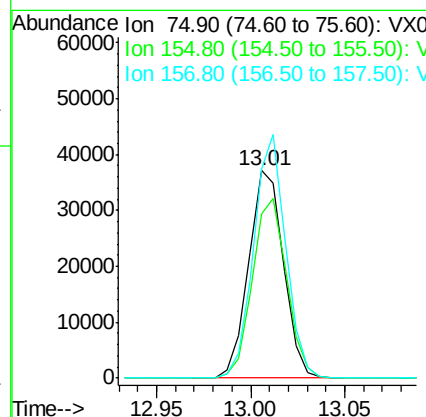
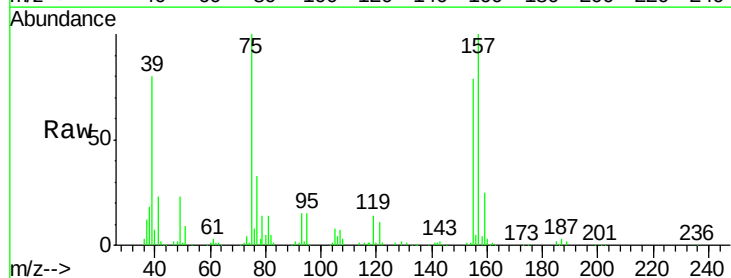
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

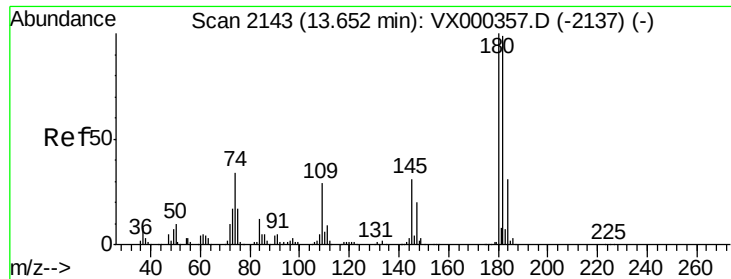
Tgt Ion:146 Resp: 262138
Ion Ratio Lower Upper
146 100
111 38.5 20.1 60.2
148 63.3 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.20 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.01 min
Lab File: VX000557.D
Acq: 30 Mar 2018 13:16

Tgt Ion: 75 Resp: 47557
Ion Ratio Lower Upper
75 100
155 85.4 45.0 134.8
157 107.8 58.1 174.2

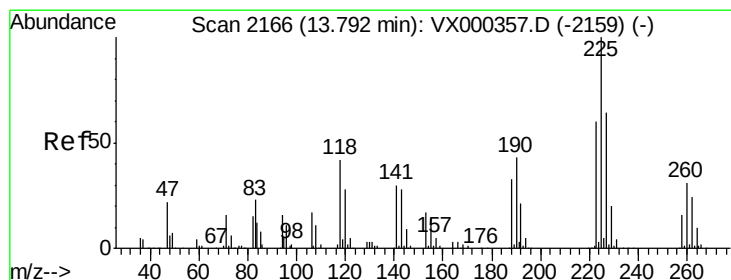
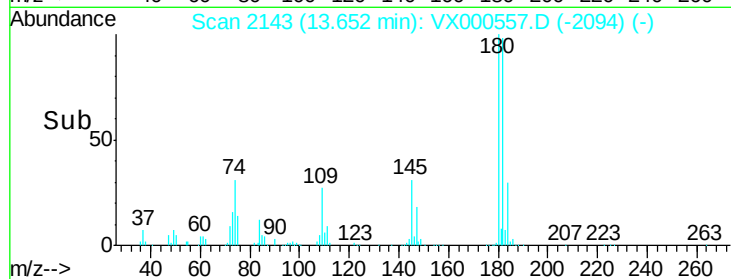
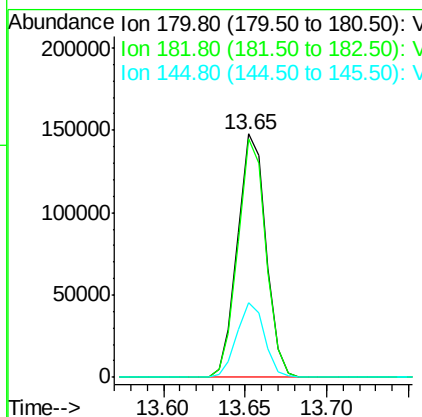
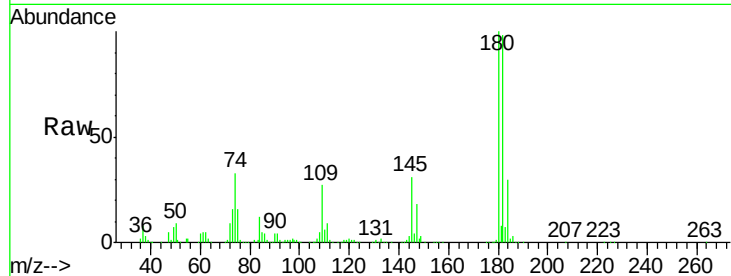




#93
 1,2,4-Trichlorobenzene
 Concen: 48.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

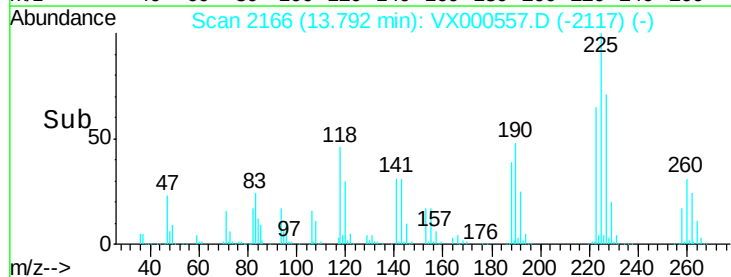
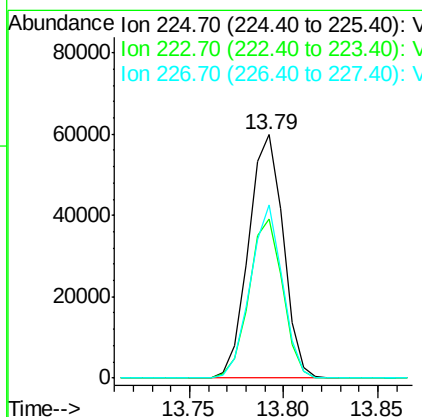
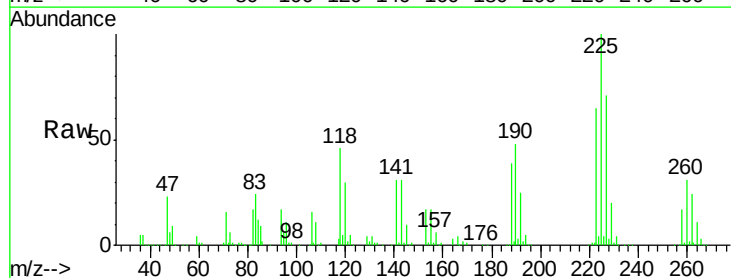
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

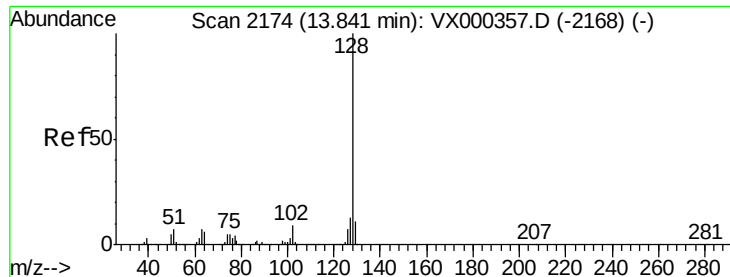
Tgt Ion:180 Resp: 180363
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 29.8 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 49.92 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000557.D
 Acq: 30 Mar 2018 13:16

Tgt Ion:225 Resp: 76352
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.0 96.0
 227 65.9 32.6 98.0





#95

Naphthalene

Concen: 48.95 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

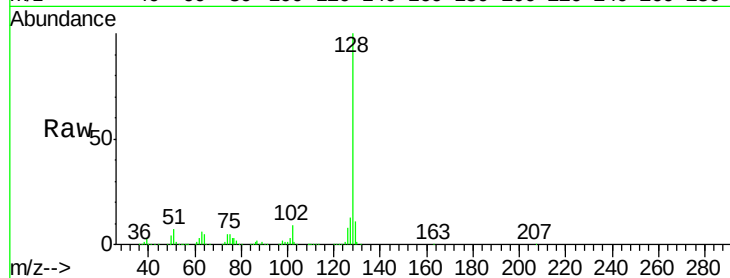
Tgt Ion:128 Resp: 629834

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

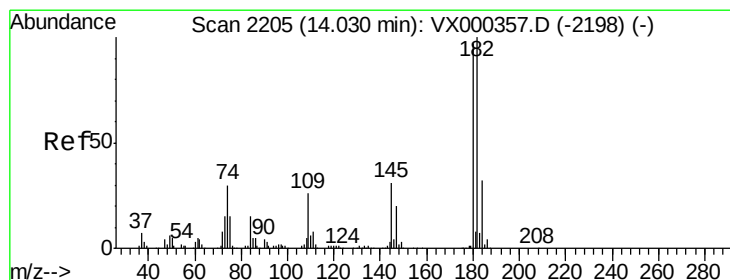
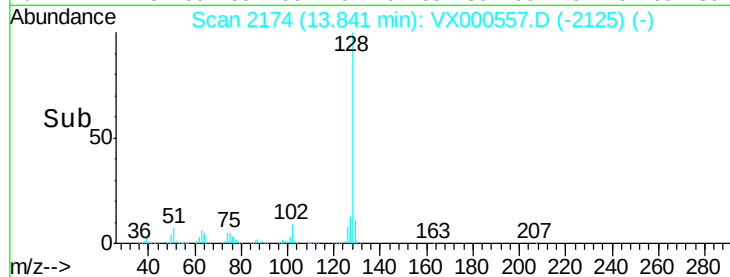
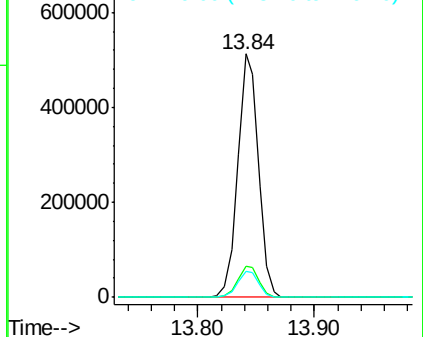
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.05 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000557.D

Acq: 30 Mar 2018 13:16

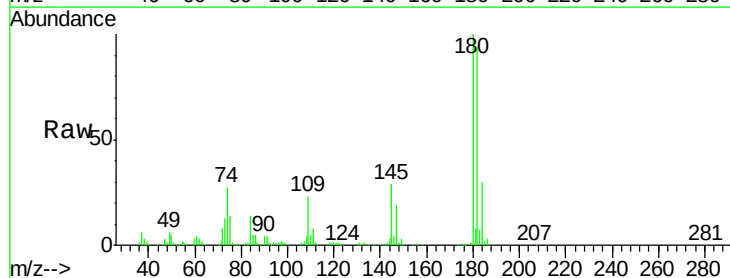
Tgt Ion:180 Resp: 182701

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 30.4 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

