

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022318\
 Data File : VX000136.D
 Acq On : 23 Feb 2018 15:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC020

Quant Time: Feb 24 01:19:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	23095	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	141377	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	136151	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	56300	31.50	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.00%
60) 4-Bromofluorobenzene	11.15	95	69264	31.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.67%
63) Toluene-d8	8.72	98	176324	30.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.77%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30805	21.49	ug/l	93
3) Chloromethane	1.32	50	31692	22.06	ug/l	100
4) Vinyl Chloride	1.41	62	35336	20.67	ug/l	97
5) Bromomethane	1.65	94	27026	17.16	ug/l	98
6) Chloroethane	1.73	64	21611	19.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	60119	20.30	ug/l	99
8) Diethyl Ether	2.19	74	21337	20.63	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33655	20.83	ug/l	95
10) 1,1-Dichloroethene	2.38	96	29476	19.10	ug/l	95
11) Methyl Iodide	2.51	142	36220	24.15	ug/l	99
12) Methyl Acetate	2.78	43	63860	23.16	ug/l	100
13) Acrolein	2.29	56	22821	68.77	ug/l	99
14) Acrylonitrile	3.15	53	129930	108.74	ug/l	99
15) Acetone	2.45	58	43202	110.90	ug/l	91
16) Carbon Disulfide	2.57	76	80000	18.13	ug/l	95
17) Allyl chloride	2.73	41	56203	21.36	ug/l	97
18) Methylene Chloride	2.86	84	32484	19.32	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	32745	19.50	ug/l	97
20) Diisopropyl ether	3.87	45	104048	25.05	ug/l #	94
21) 1,1-Dichloroethane	3.70	63	58054	21.20	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	31645	20.29	ug/l	98
23) tert-Butyl Alcohol	3.06	59	75429	110.44	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	108663	20.44	ug/l	96
25) Chloroform	5.23	83	57182	21.06	ug/l	91
26) Cyclohexane	5.58	56	46861	21.83	ug/l #	99
29) 1,1-Dichloropropene	5.81	75	43256	21.01	ug/l	99
30) 2-Butanone	4.71	43	185528	117.07	ug/l	98
31) 2,2-Dichloropropane	4.59	77	43233	19.52	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	50986	20.47	ug/l	99
33) Carbon Tetrachloride	5.79	117	43816	19.81	ug/l	96
34) Benzene	6.15	78	124866	21.08	ug/l	95
35) Methacrylonitrile	5.07	41	31734	21.75	ug/l	93
36) 1,2-Dichloroethane	6.20	62	49368	21.97	ug/l	99
37) Trichloroethene	7.22	130	36645	20.93	ug/l	95
38) Methylcyclohexane	7.47	83	55674	22.56	ug/l	96
39) 1,2-Dichloropropane	7.53	63	31936	21.59	ug/l	99
40) Dibromomethane	7.67	93	25466	22.35	ug/l	93

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	46381	21.41	ug/l	99
42) Vinyl Acetate	3.83	43	494615	122.45	ug/l	100
43) Ethyl Acetate	4.87	43	61938	22.25	ug/l	97
44) Isopropyl Acetate	6.48	43	91875	22.49	ug/l	99
45) 1,4-Dioxane	7.76	88	22733	442.56	ug/l	95
46) Methyl methacrylate	7.79	41	43936	22.12	ug/l	93
47) n-amyl Acetate	10.91	43	79058	22.17	ug/l	98
48) t-1,3-Dichloropropene	8.44	75	53199	21.10	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	53387	21.76	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	36014	21.52	ug/l	97
51) Ethyl methacrylate	9.19	69	55773	21.76	ug/l	98
52) 1,3-Dichloropropane	9.38	76	59726	22.25	ug/l	99
53) Dibromochloromethane	9.59	129	37934	20.38	ug/l	99
54) 1,2-Dibromoethane	9.68	107	39543	21.20	ug/l	97
55) 2-Chloroethyl vinyl ether	8.32	63	127381	113.80	ug/l	99
56) Bromoform	10.87	173	29614	19.64	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	348703	116.93	ug/l	99
59) 2-Hexanone	9.51	43	299438	118.58	ug/l	98
61) Tetrachloroethene	9.34	164	34266	20.73	ug/l	96
62) Toluene	8.79	91	153148	21.62	ug/l	100
64) Chlorobenzene	10.15	112	101980	21.30	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	35922	21.19	ug/l	99
66) Ethyl Benzene	10.26	91	173951	21.51	ug/l	99
67) m/p-Xylenes	10.37	106	135031	42.60	ug/l	99
68) o-Xylene	10.71	106	65558	21.29	ug/l	98
69) Styrene	10.72	104	108357	21.25	ug/l	99
70) Isopropylbenzene	11.02	105	179128	21.52	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	63812	22.28	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	76126	29.64	ug/l	85
73) Bromobenzene	11.26	156	45589	20.89	ug/l	96
74) n-propylbenzene	11.37	91	211177	21.65	ug/l	99
75) 2-Chlorotoluene	11.43	91	123378	22.00	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	152602	21.64	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	19481	21.45	ug/l	96
78) 4-Chlorotoluene	11.52	91	147672	21.98	ug/l	97
79) tert-butylbenzene	12.07	119	168553	24.01	ug/l	96
80) 1,2,4-Trimethylbenzene	11.82	105	157600	21.90	ug/l	99
81) sec-Butylbenzene	11.96	105	189575	21.84	ug/l	100
82) p-Isopropyltoluene	12.07	119	168553	21.77	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	89253	21.48	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	89588	20.69	ug/l	98
85) n-Butylbenzene	12.40	91	163128	22.47	ug/l	99
86) Hexachloroethane	12.60	117	26735	20.67	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	87316	21.21	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	17975	22.45	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	63698	21.07	ug/l	99
90) Hexachlorobutadiene	13.79	225	26995	20.72	ug/l	99
91) Naphthalene	13.84	128	230738	21.84	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	63022	20.73	ug/l	98

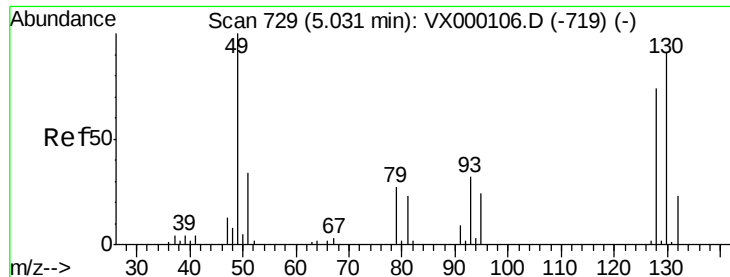
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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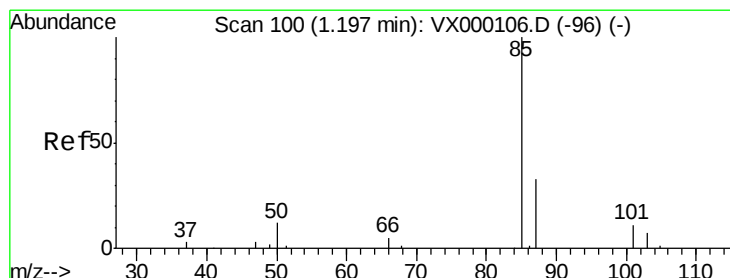
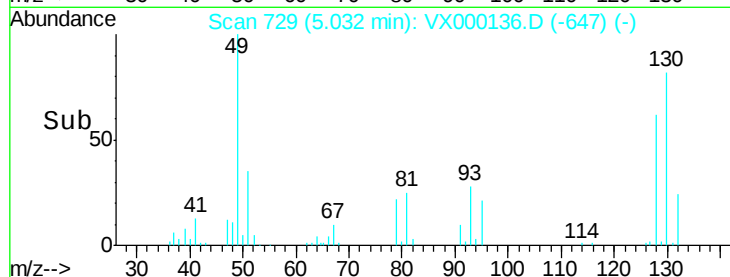
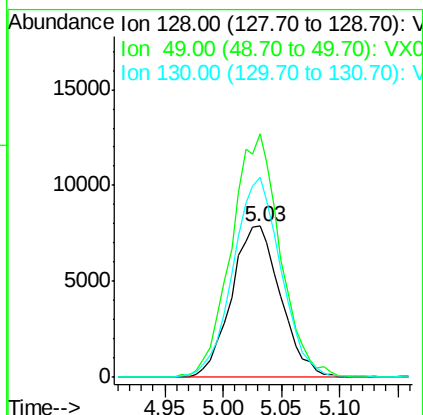
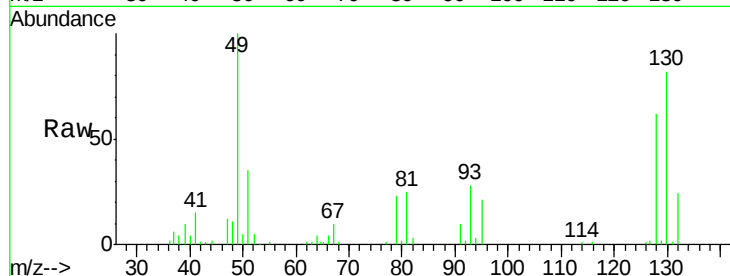
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000136.D
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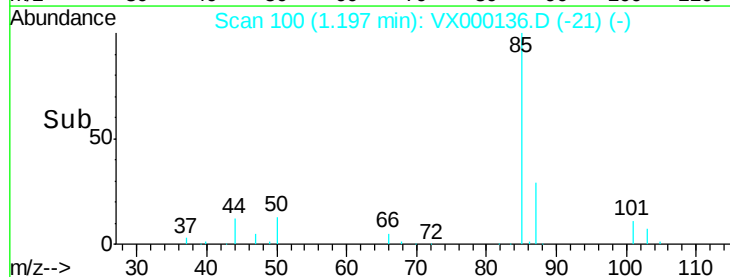
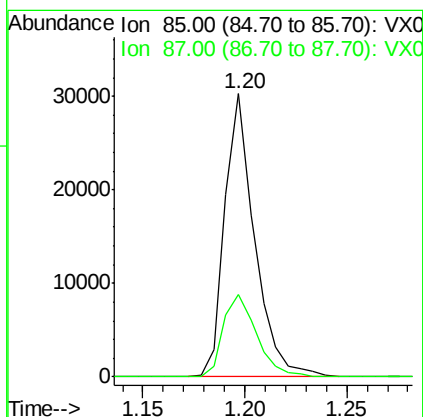
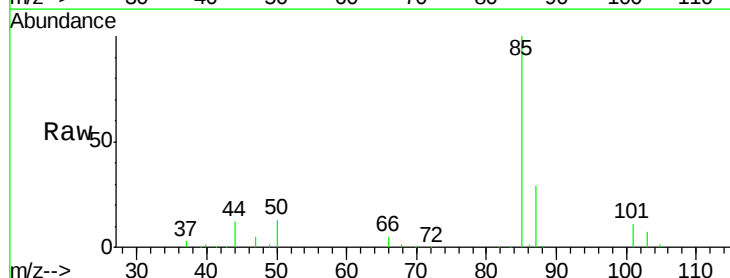
Instrument :
ClientSampleId :
VSTDCCC020

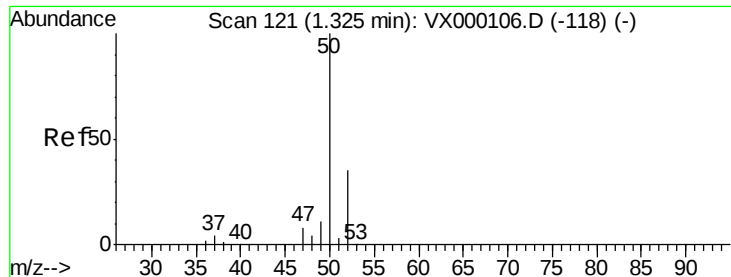
Tgt Ion:128 Resp: 23095
Ion Ratio Lower Upper
128 100
49 159.8 0.0 378.3
130 129.5 0.0 324.3



#2
Dichlorodifluoromethane
Concen: 21.49 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 85 Resp: 30805
Ion Ratio Lower Upper
85 100
87 29.1 16.6 49.7

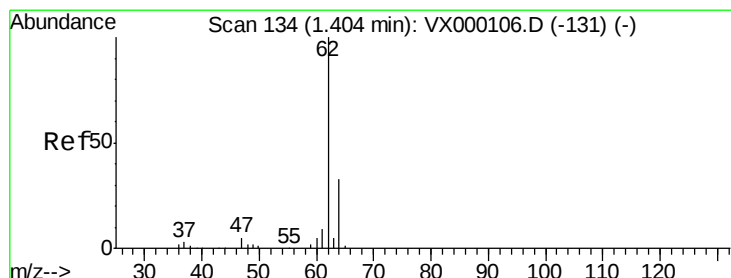
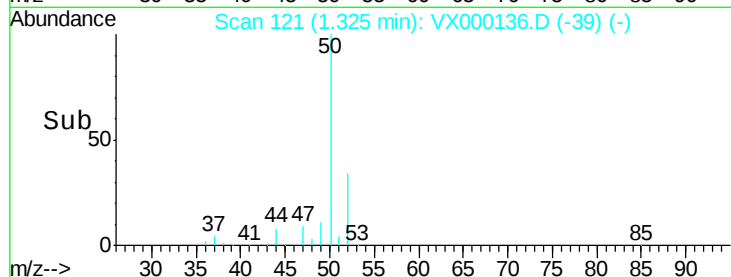
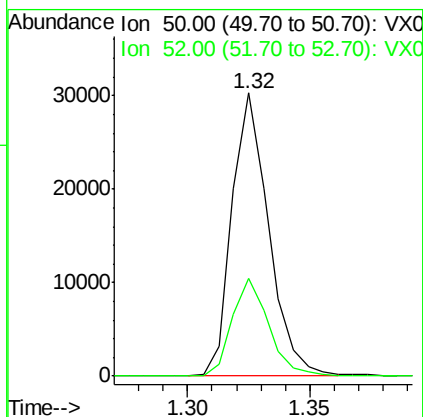
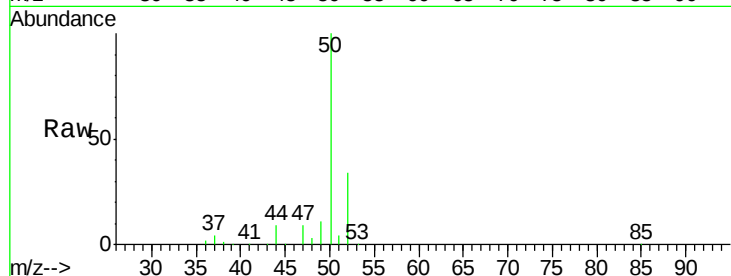




#3
Chloromethane
Concen: 22.06 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

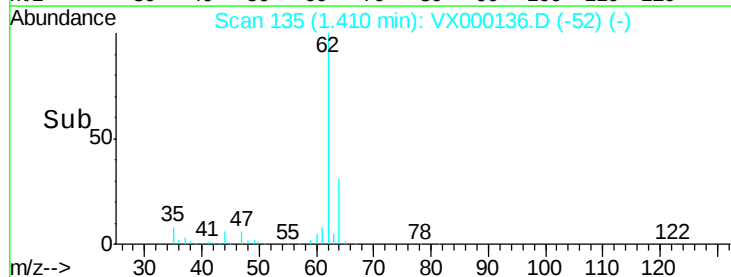
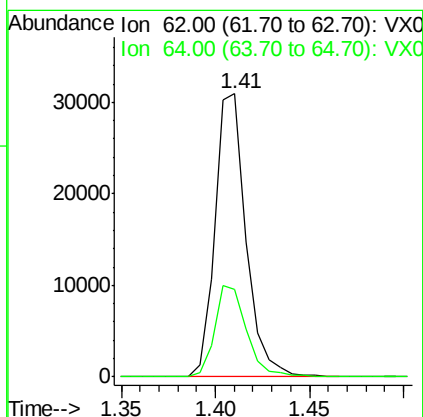
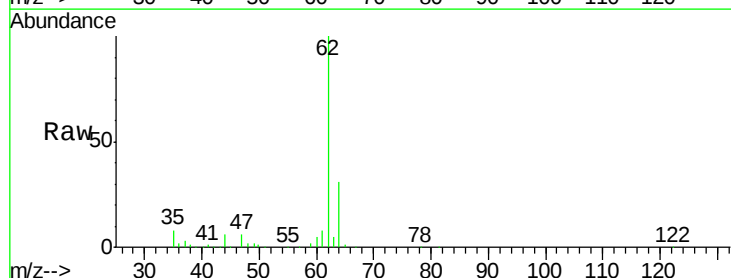
Instrument :
ClientSampleId :
VSTDCCC020

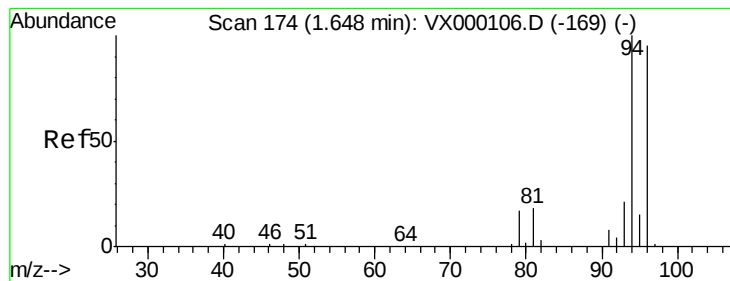
Tgt Ion: 50 Resp: 31692
Ion Ratio Lower Upper
50 100
52 34.4 27.8 41.6



#4
Vinyl Chloride
Concen: 20.67 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 62 Resp: 35336
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0





#5

Bromomethane

Concen: 17.16 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

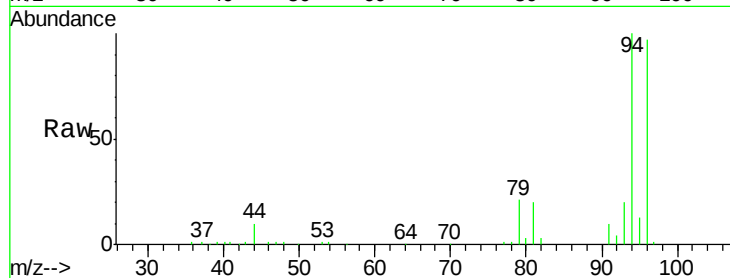
Instrument :
ClientSampled :
VSTDCCC020

Tgt Ion: 94 Resp: 27026

Ion Ratio Lower Upper

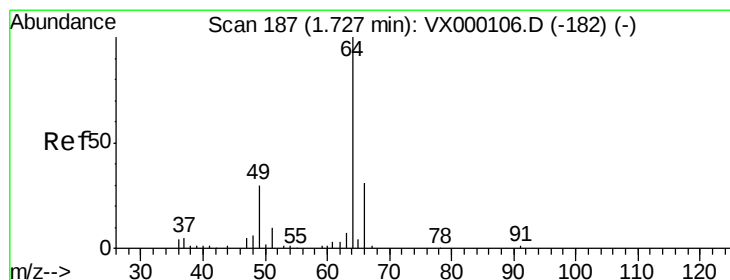
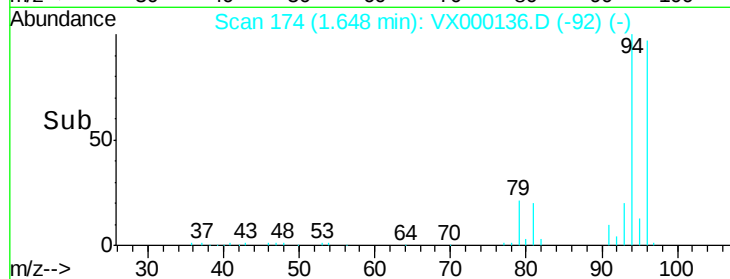
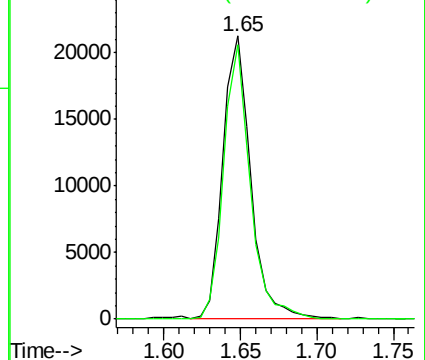
94 100

96 97.3 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.75 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000136.D

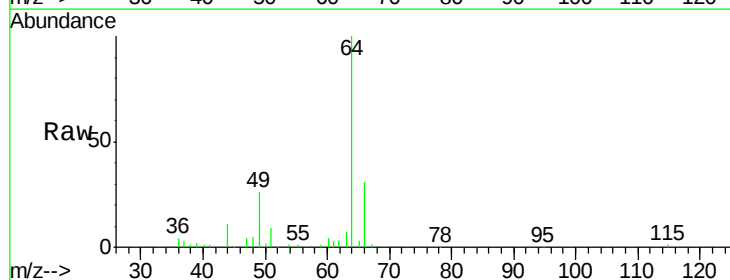
Acq: 23 Feb 2018 15:59

Tgt Ion: 64 Resp: 21611

Ion Ratio Lower Upper

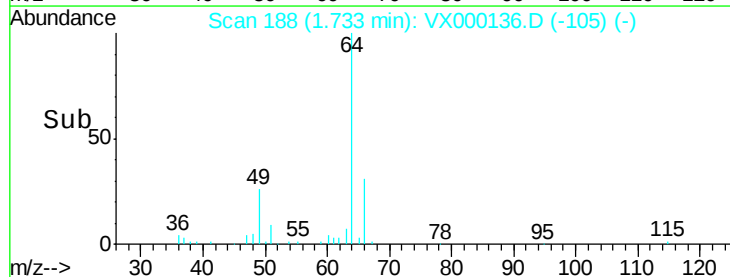
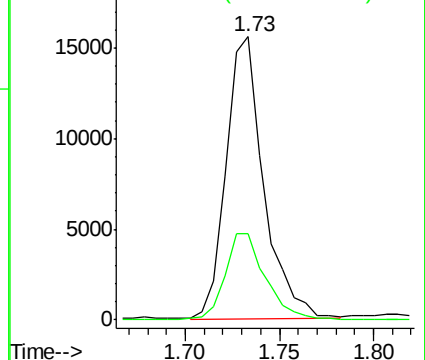
64 100

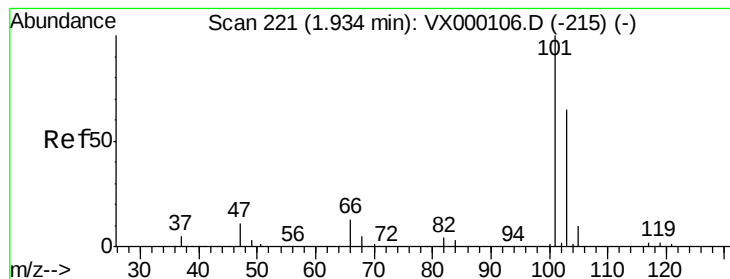
66 30.8 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



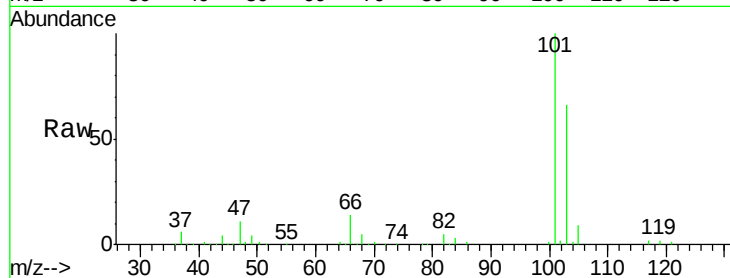


#7

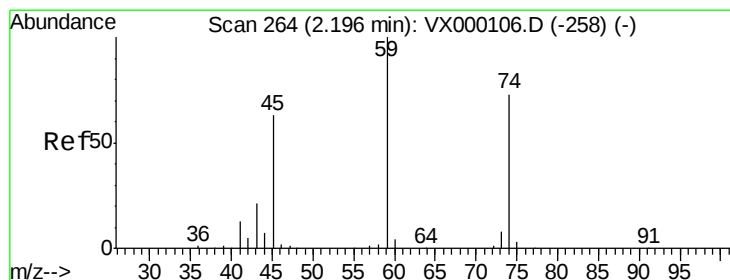
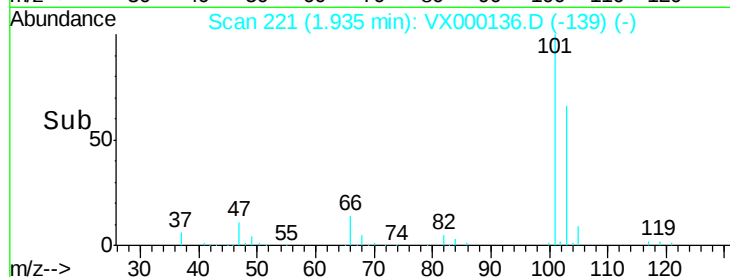
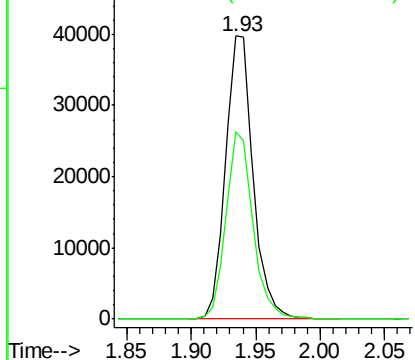
Trichlorofluoromethane
Concen: 20.30 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Instrument :
ClientSampled :
VSTDCCC020

Tgt Ion: 101 Resp: 60119
Ion Ratio Lower Upper
101 100
103 66.2 52.2 78.4



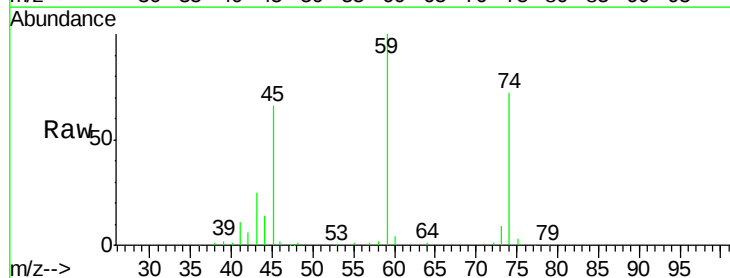
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



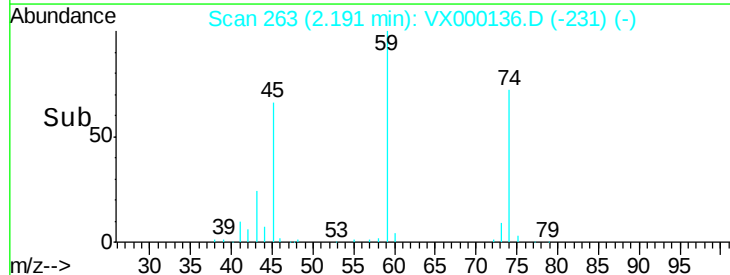
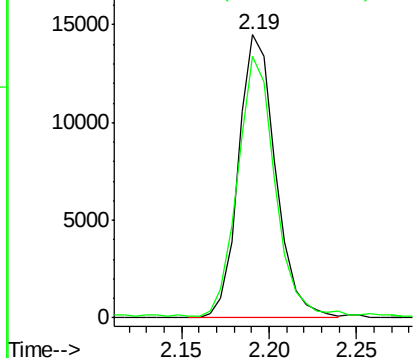
#8

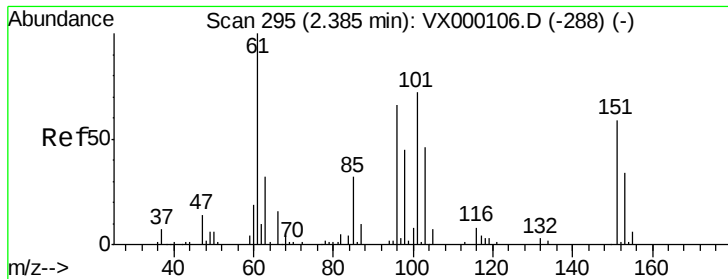
Diethyl Ether
Concen: 20.63 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 74 Resp: 21337
Ion Ratio Lower Upper
74 100
45 93.5 17.8 159.8



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: 20.83 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :

ClientSampleId :

VSTDCCC020

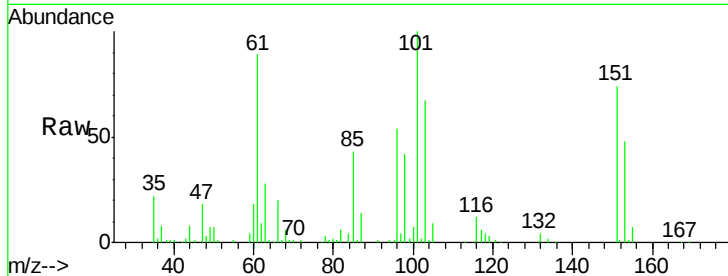
Tgt Ion: 101 Resp: 33655

Ion Ratio Lower Upper

101 100

85 46.8 0.0 90.4

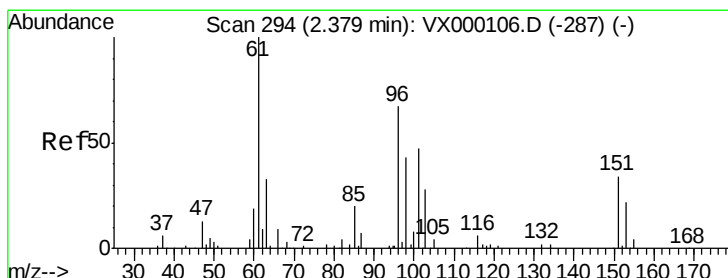
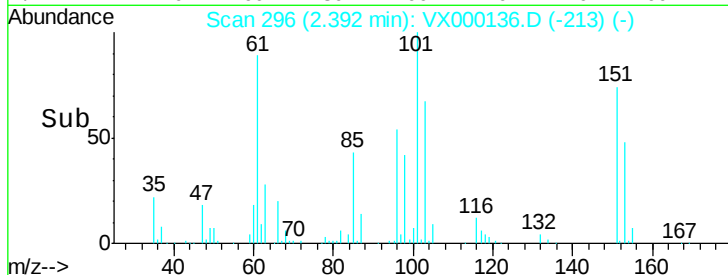
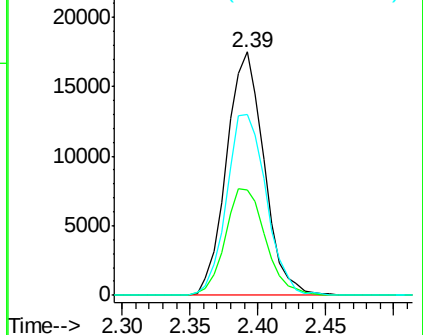
151 78.0 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.10 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

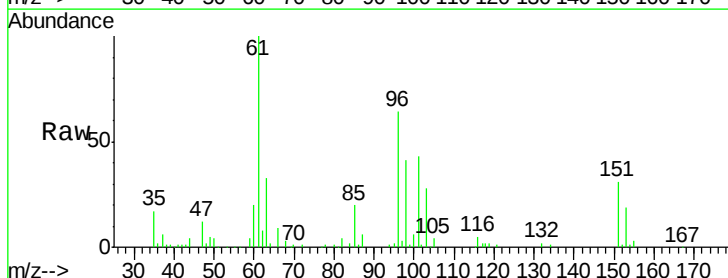
Tgt Ion: 96 Resp: 29476

Ion Ratio Lower Upper

96 100

61 156.7 118.6 178.0

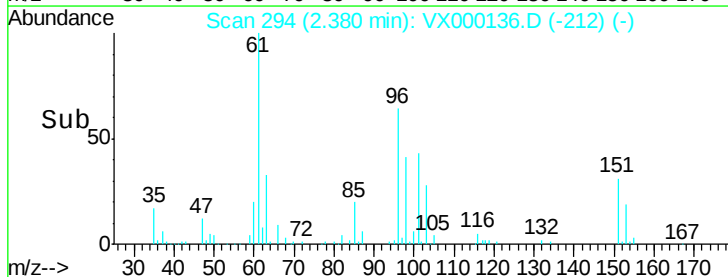
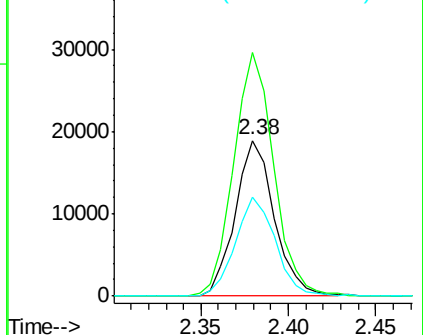
98 63.6 51.0 76.6

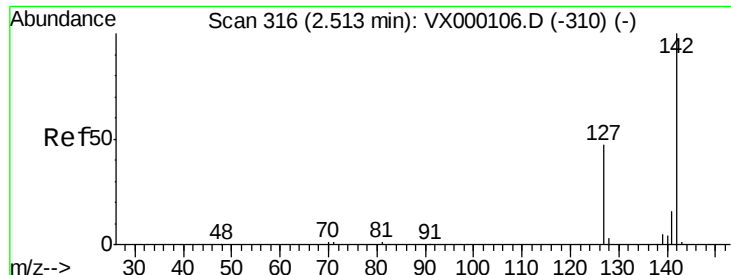


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

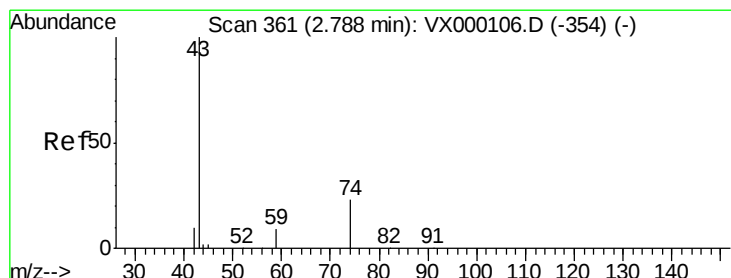
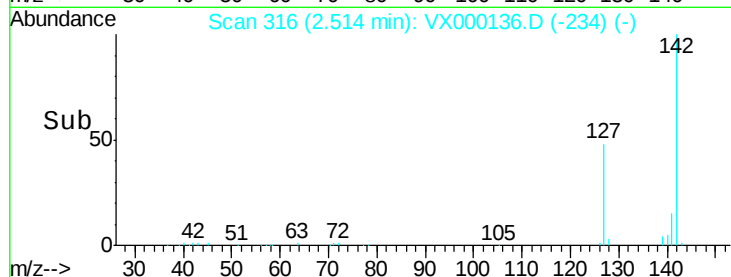
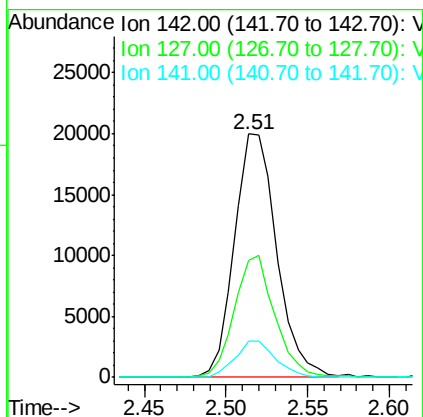
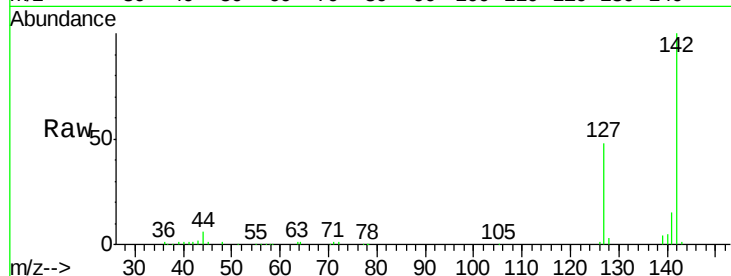




#11
Methyl Iodide
Concen: 24.15 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

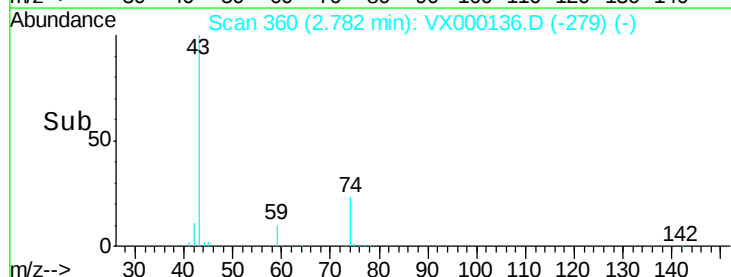
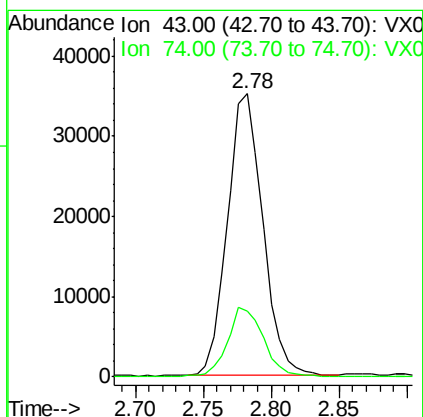
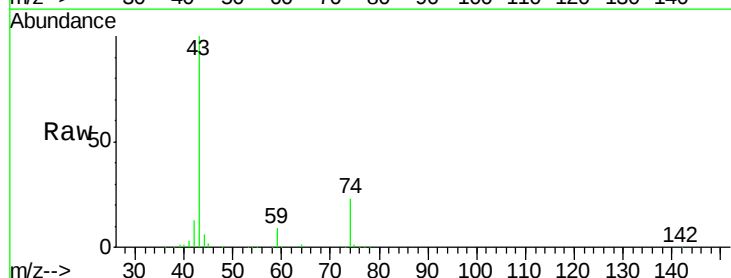
Instrument :
ClientSampled :
VSTDCCC020

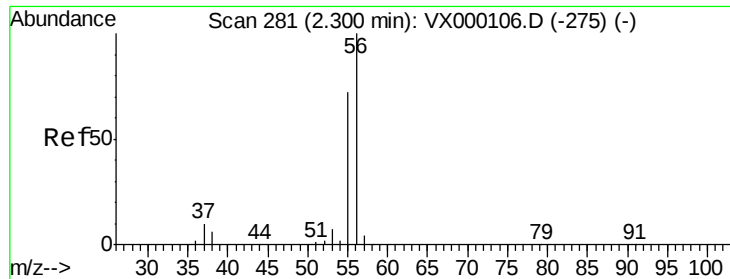
Tgt Ion:142 Resp: 36220
Ion Ratio Lower Upper
142 100
127 48.0 23.8 71.5
141 15.2 8.2 24.4



#12
Methyl Acetate
Concen: 23.16 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 43 Resp: 63860
Ion Ratio Lower Upper
43 100
74 23.1 18.6 27.8





#13

Acrolein

Concen: 68.77 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

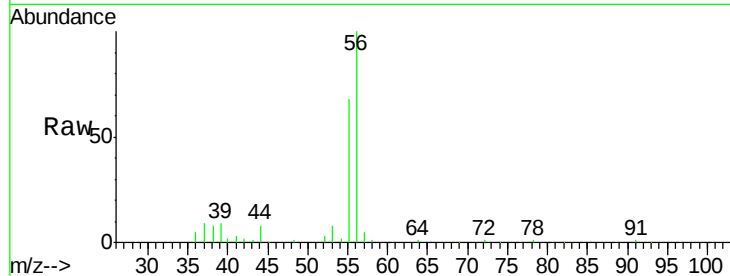
Instrument :
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 22821

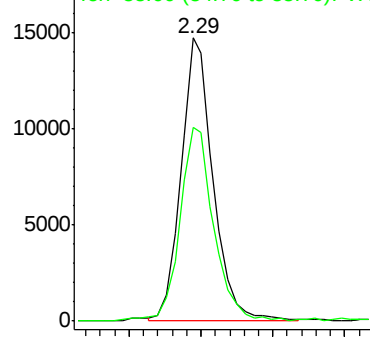
Ion Ratio Lower Upper

56 100

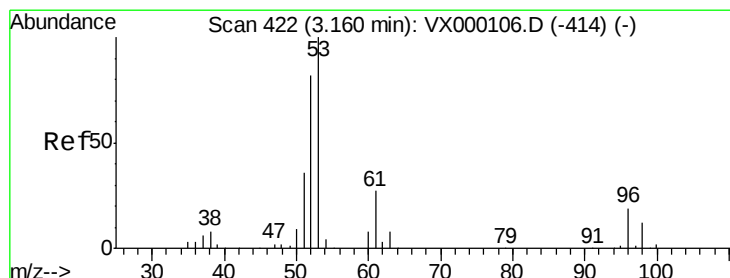
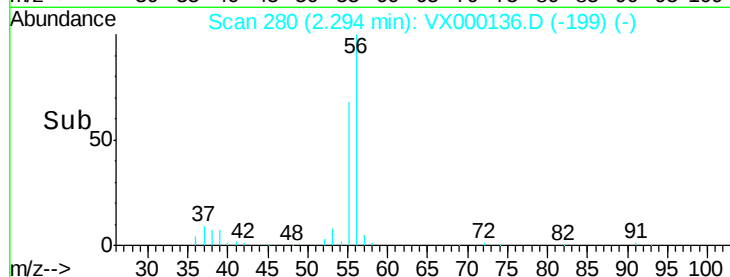
55 72.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Acrylonitrile

Concen: 108.74 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

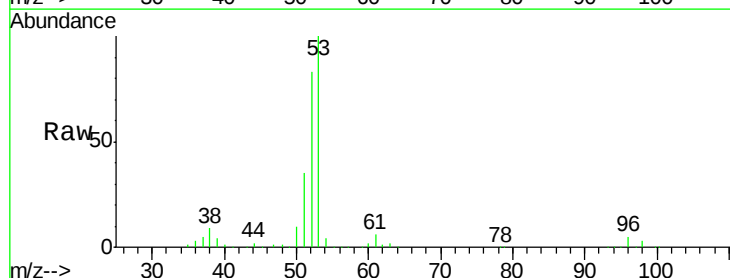
Tgt Ion: 53 Resp: 129930

Ion Ratio Lower Upper

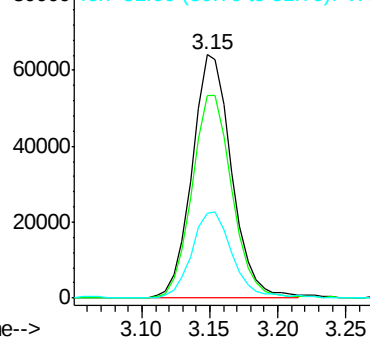
53 100

52 84.7 41.9 125.8

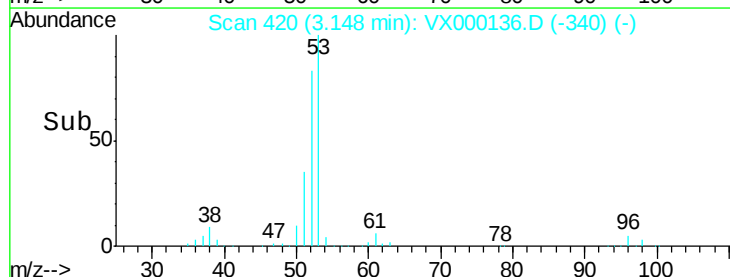
51 36.3 18.8 56.3

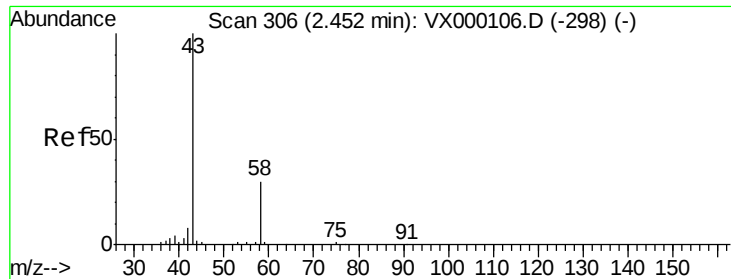


Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



Time-->





#15

Acetone

Concen: 110.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

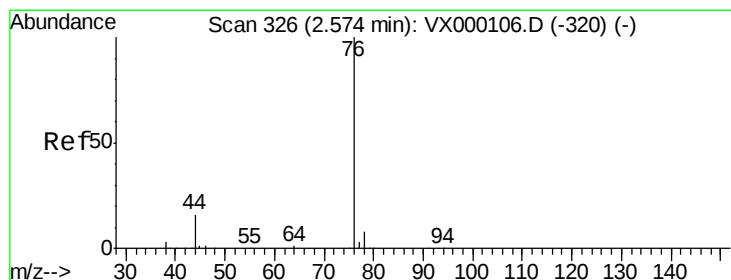
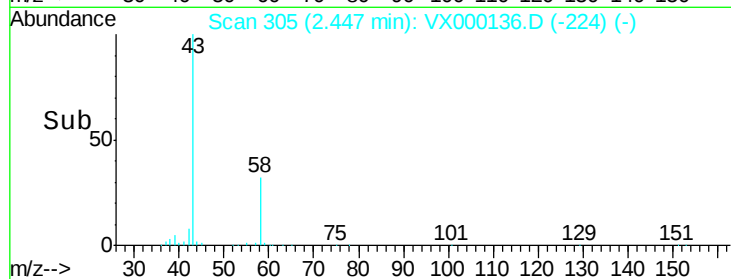
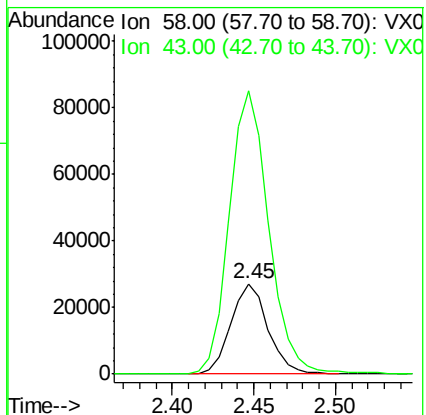
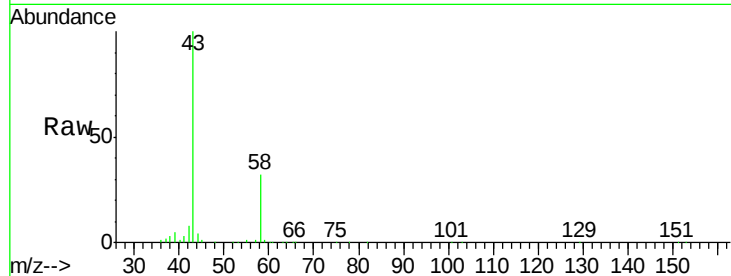
Instrument :
ClientSampled :
VSTDCCC020

Tgt Ion: 58 Resp: 43202

Ion Ratio Lower Upper

58 100

43 311.8 264.6 396.8



#16

Carbon Disulfide

Concen: 18.13 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000136.D

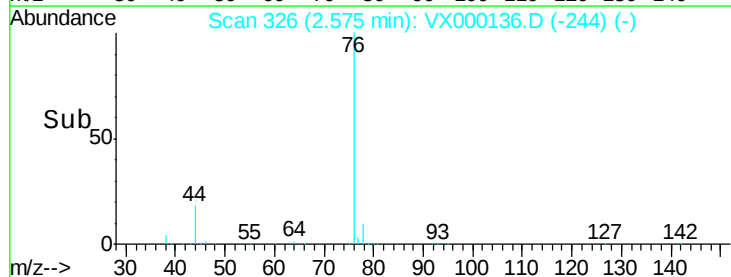
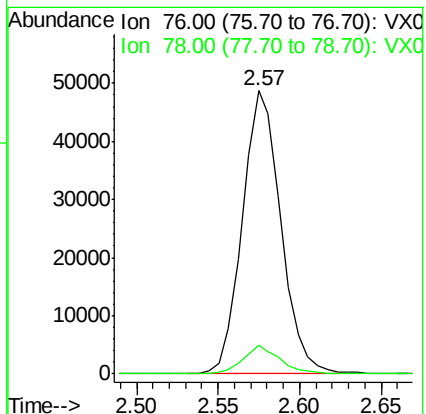
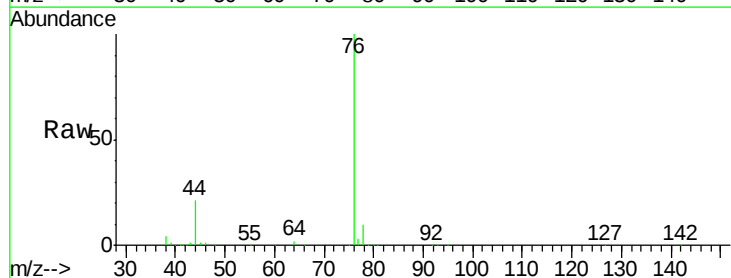
Acq: 23 Feb 2018 15:59

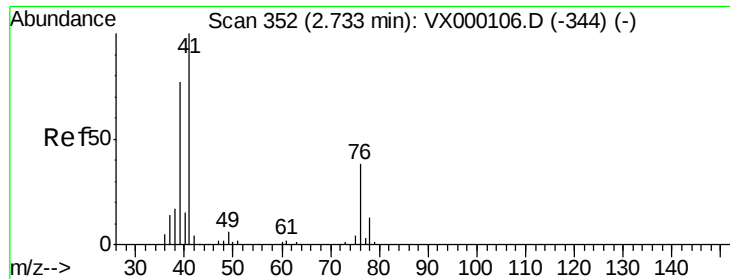
Tgt Ion: 76 Resp: 80000

Ion Ratio Lower Upper

76 100

78 10.2 6.8 10.2

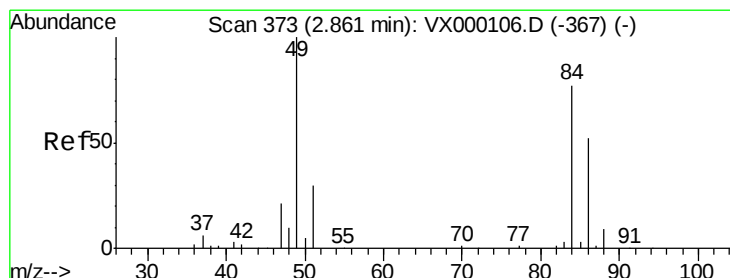
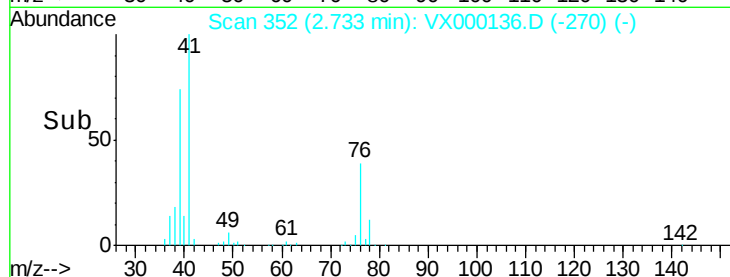
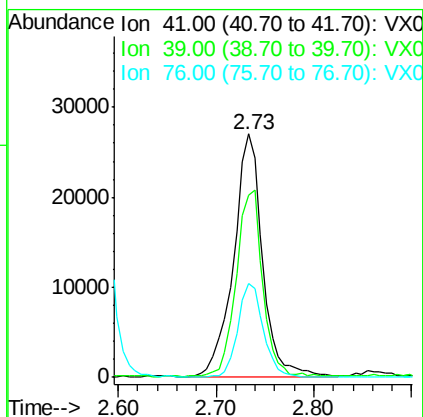
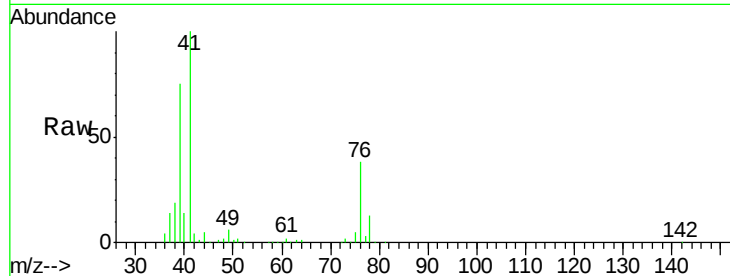




#17
 Allyl chloride
 Concen: 21.36 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

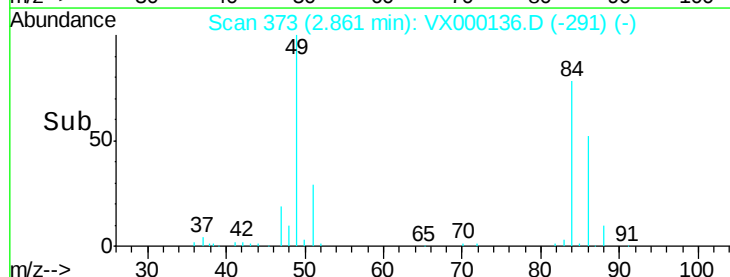
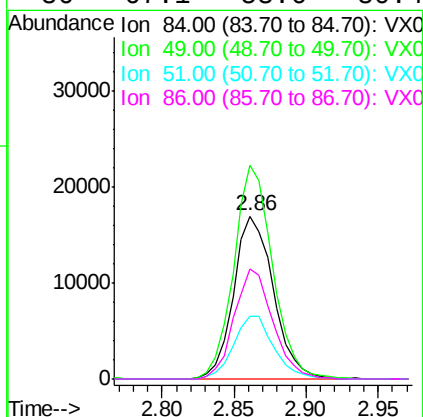
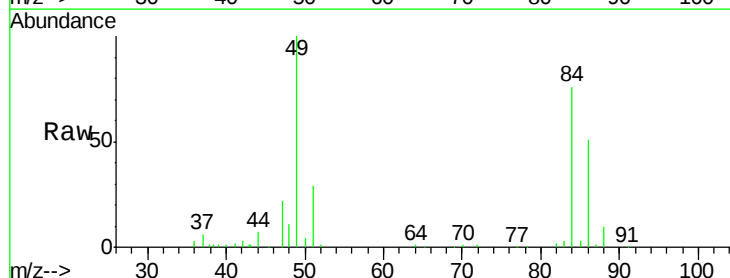
Instrument :
 ClientSampled :
 VSTDCCC020

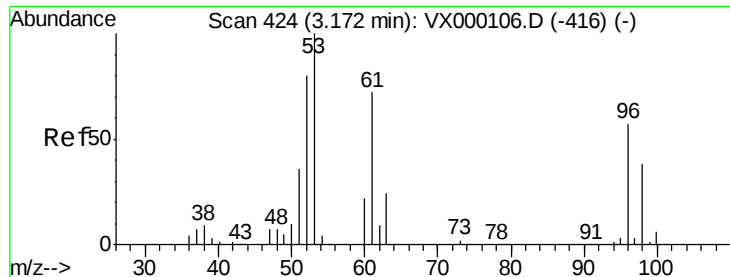
Tgt Ion: 41 Resp: 56203
 Ion Ratio Lower Upper
 41 100
 39 74.1 38.5 115.5
 76 38.5 18.7 56.1



#18
 Methylene Chloride
 Concen: 19.32 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 84 Resp: 32484
 Ion Ratio Lower Upper
 84 100
 49 130.9 103.3 154.9
 51 38.5 31.2 46.8
 86 67.1 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 19.50 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :

ClientSampleId :

VSTDCCC020

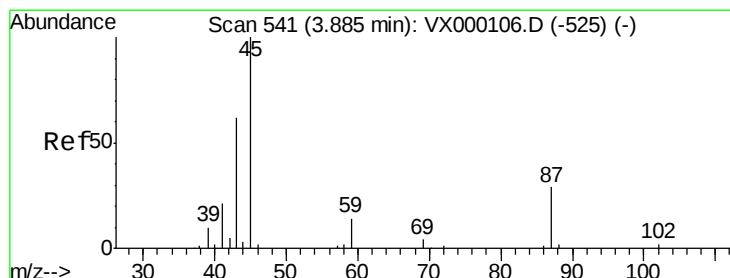
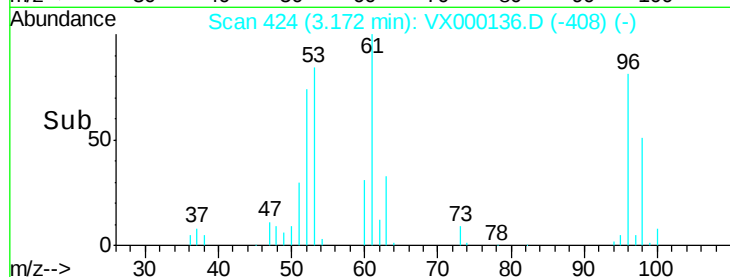
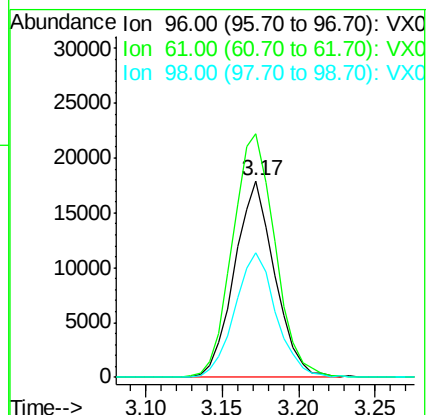
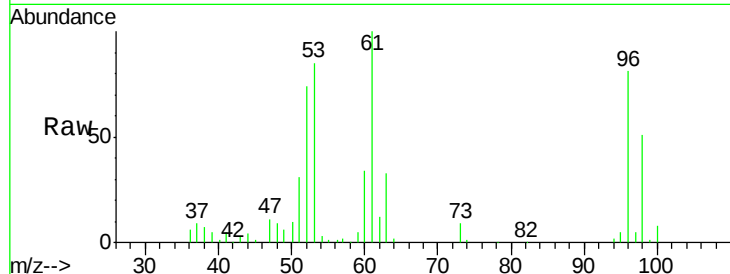
Tgt Ion: 96 Resp: 32745

Ion Ratio Lower Upper

96 100

61 123.0 101.0 151.6

98 63.1 53.3 79.9



#20

Diisopropyl ether

Concen: 25.05 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Tgt Ion: 45 Resp: 104048

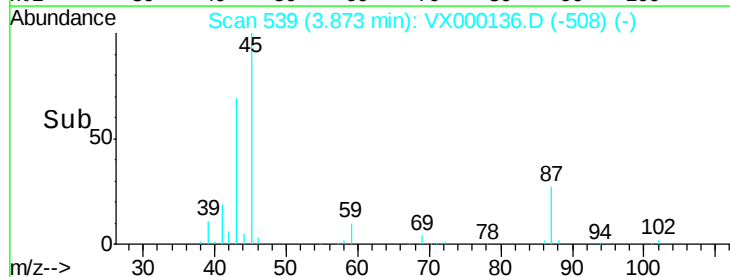
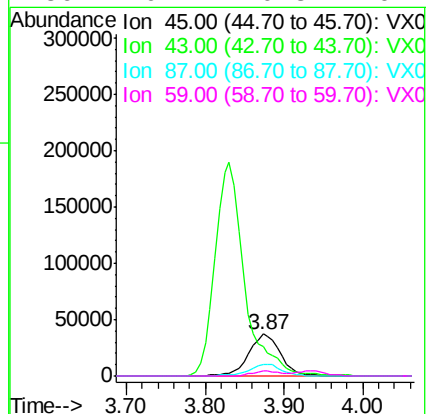
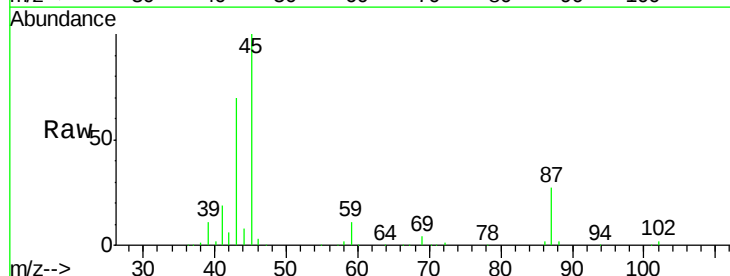
Ion Ratio Lower Upper

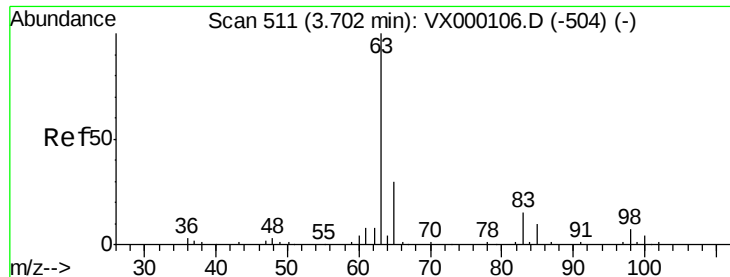
45 100

43 67.1 49.6 74.4

87 26.6 23.1 34.7

59 10.7 10.8 16.2#





#21

1,1-Dichloroethane

Concen: 21.20 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :
ClientSampled :
VSTDCCC020

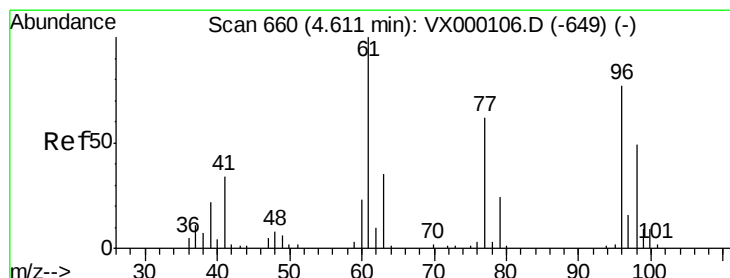
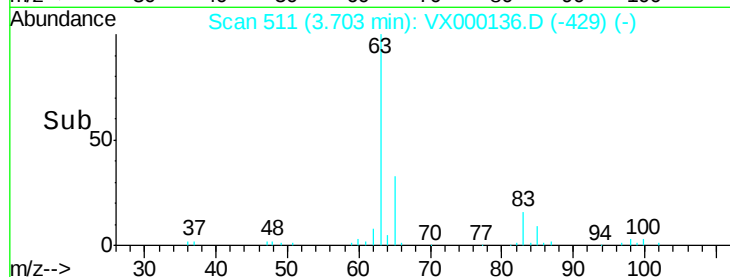
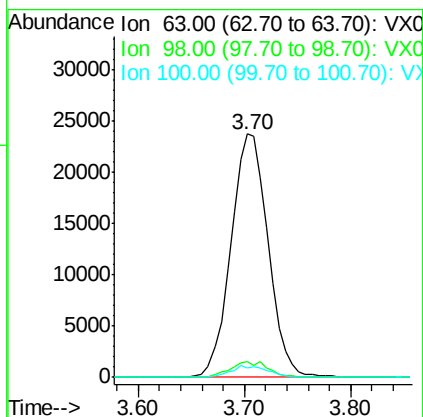
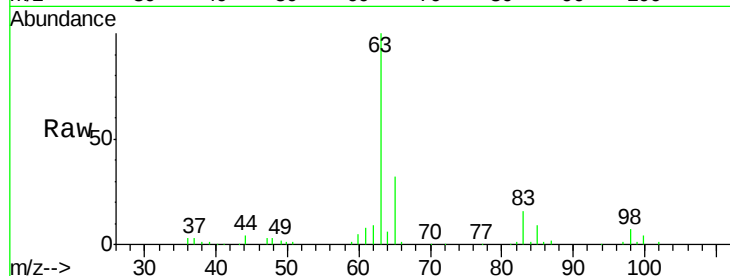
Tgt Ion: 63 Resp: 58054

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.8 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 20.29 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

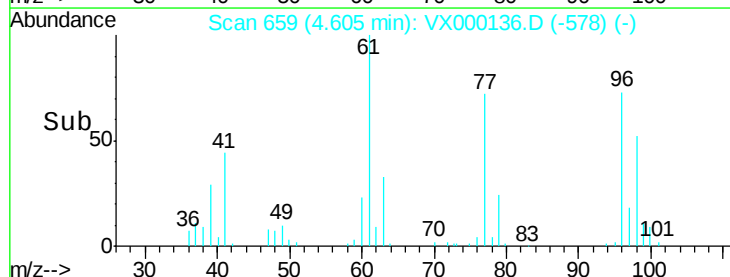
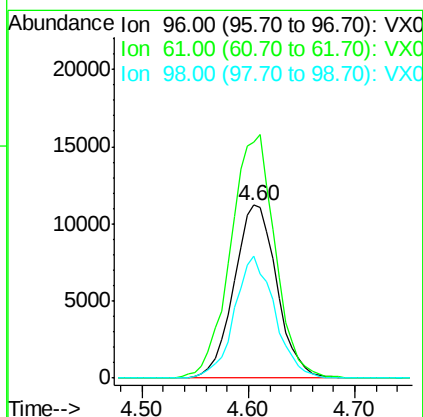
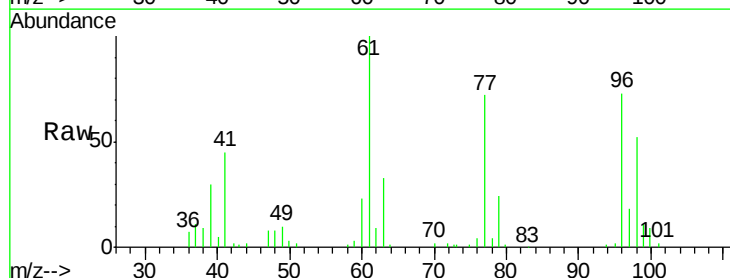
Tgt Ion: 96 Resp: 31645

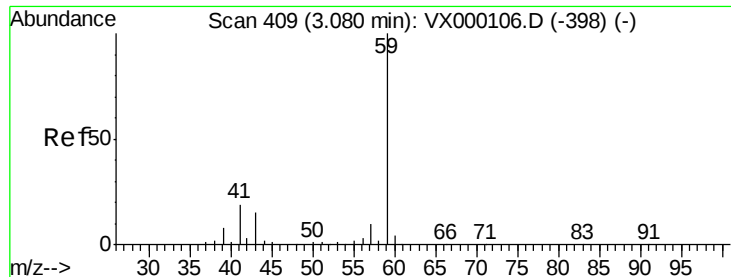
Ion Ratio Lower Upper

96 100

61 145.2 113.5 170.3

98 66.1 51.8 77.8



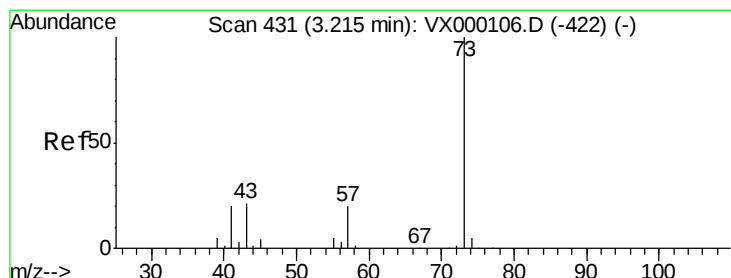
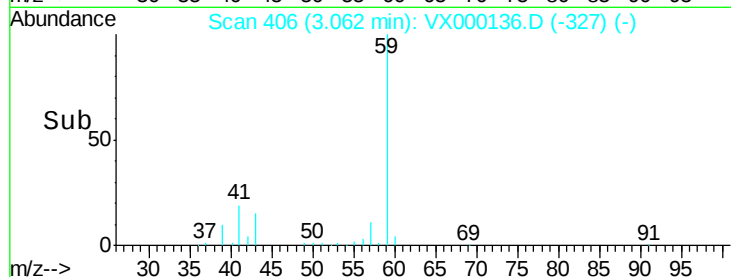
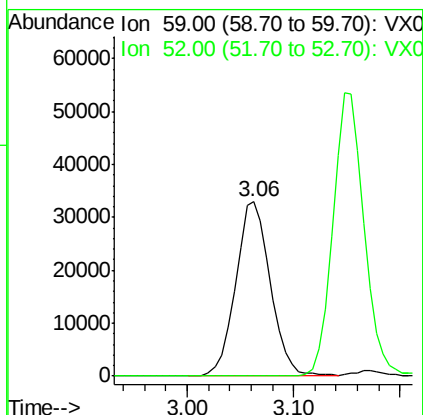
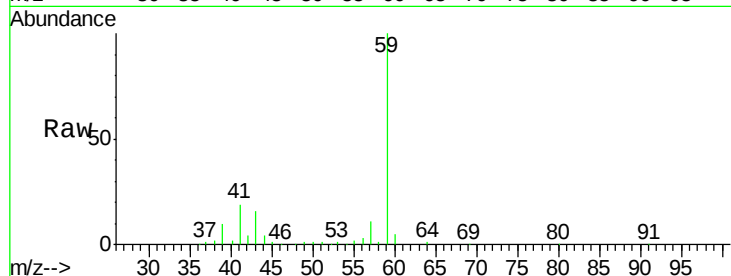


#23

tert-Butyl Alcohol
 Concen: 110.44 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Instrument :
 ClientSampled :
 VSTDCCC020

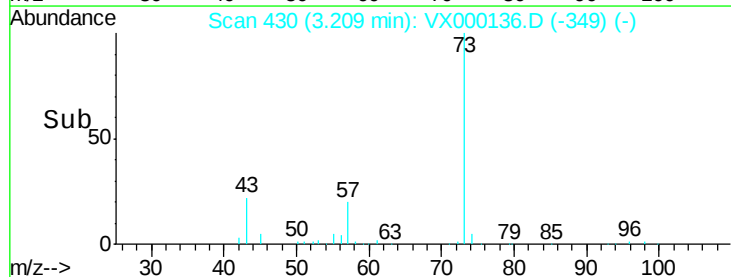
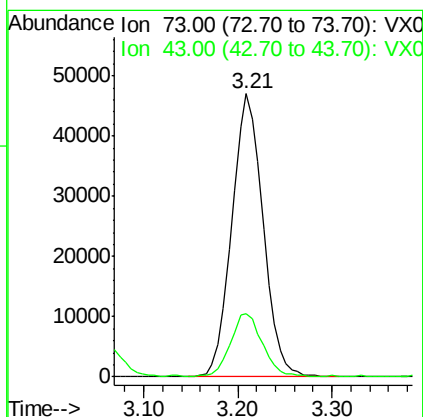
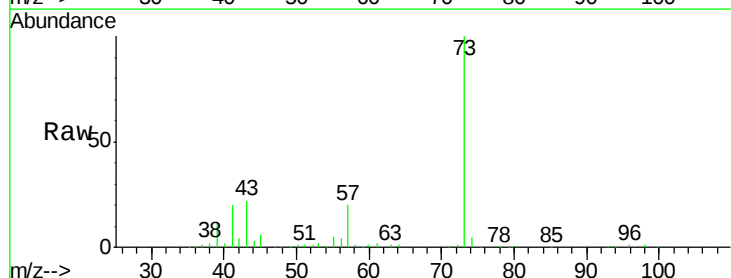
Tgt Ion: 59 Resp: 75429
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1

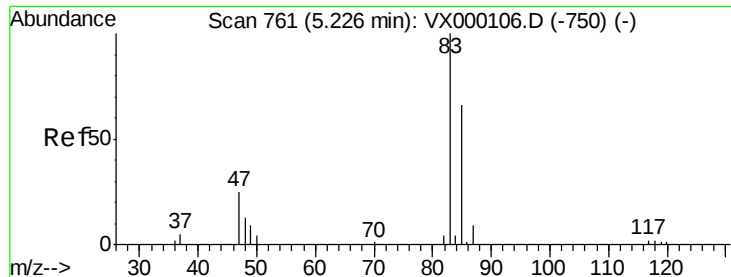


#24

Methyl tert-Butyl Ether
 Concen: 20.44 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 73 Resp: 108663
 Ion Ratio Lower Upper
 73 100
 43 22.4 16.5 24.7





#25

Chloroform

Concen: 21.06 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

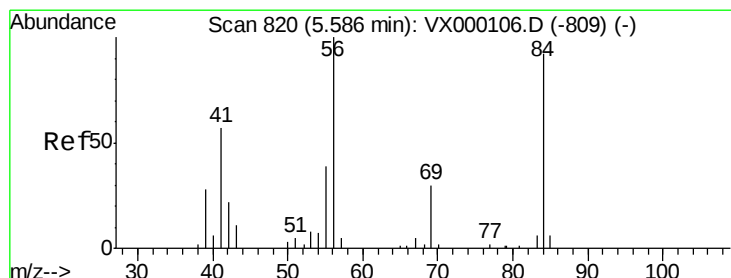
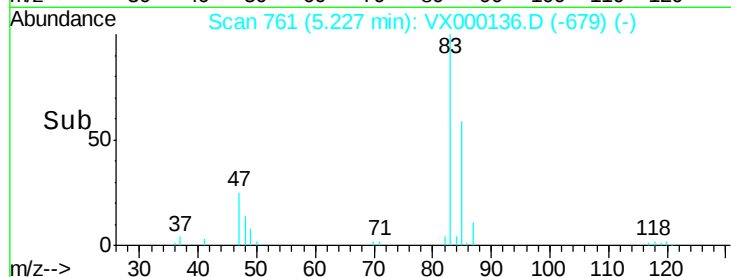
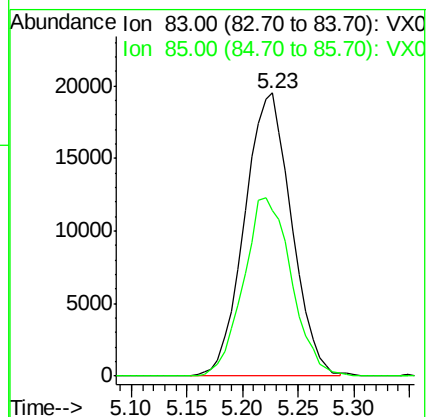
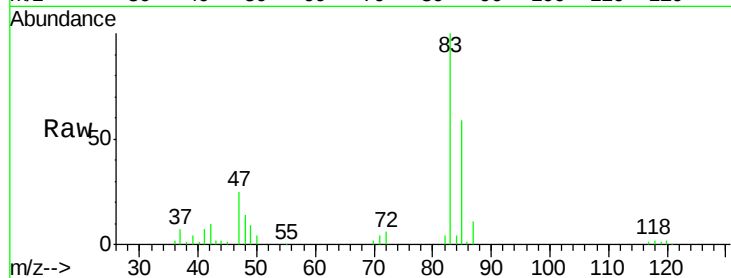
Instrument :
ClientSampled :
VSTDCCC020

Tgt Ion: 83 Resp: 57182

Ion Ratio Lower Upper

83 100

85 58.6 52.5 78.7



#26

Cyclohexane

Concen: 21.83 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

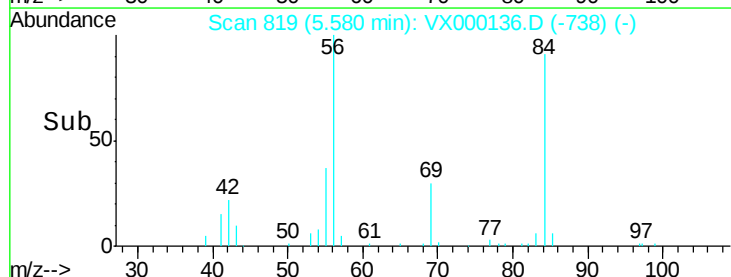
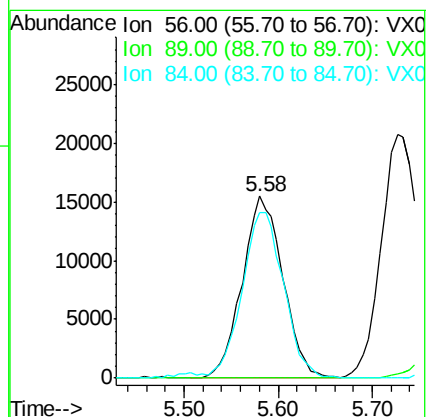
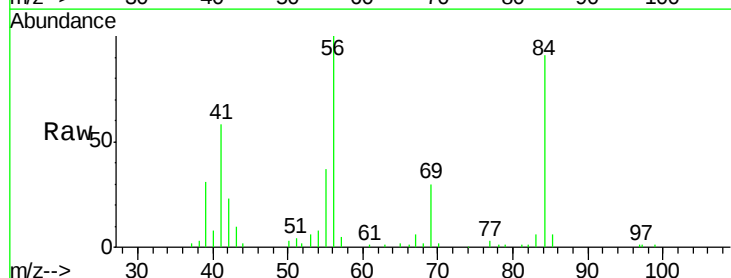
Tgt Ion: 56 Resp: 46861

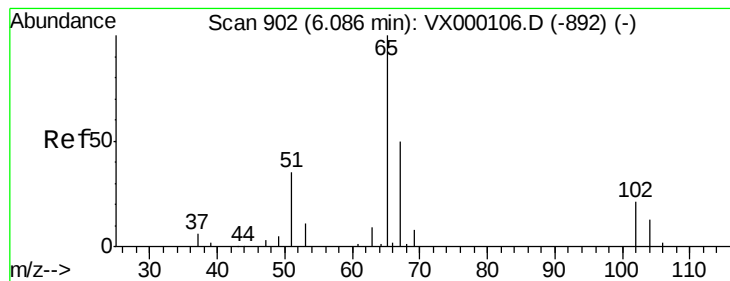
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.8 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 31.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :

ClientSampleId :

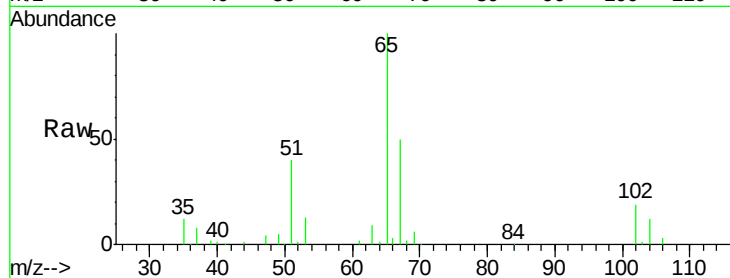
VSTDCCC020

Tgt Ion: 65 Resp: 56300

Ion Ratio Lower Upper

65 100

67 51.3 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.07

25000

20000

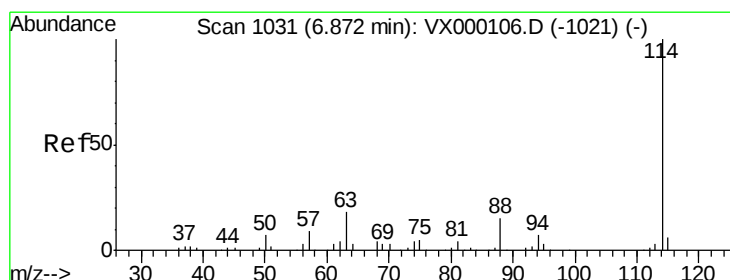
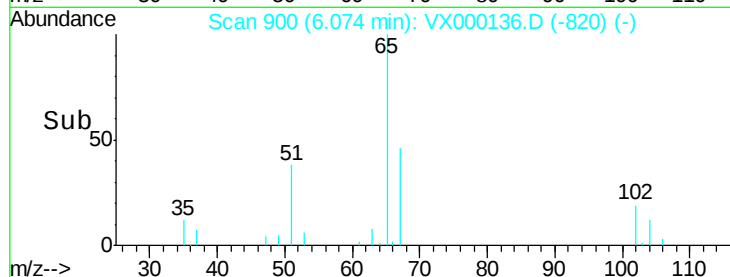
15000

10000

5000

0

Time--> 5.95 6.00 6.05 6.10 6.15



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

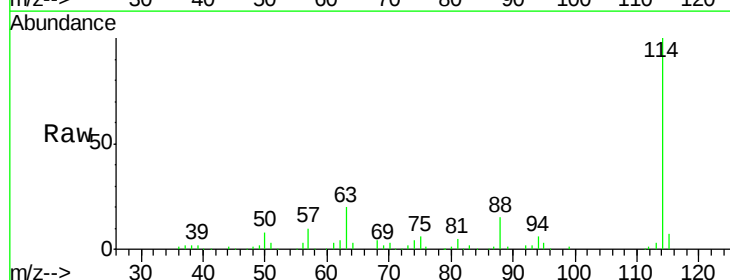
Tgt Ion: 114 Resp: 141377

Ion Ratio Lower Upper

114 100

63 19.0 15.0 22.4

88 14.6 11.8 17.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.87

80000

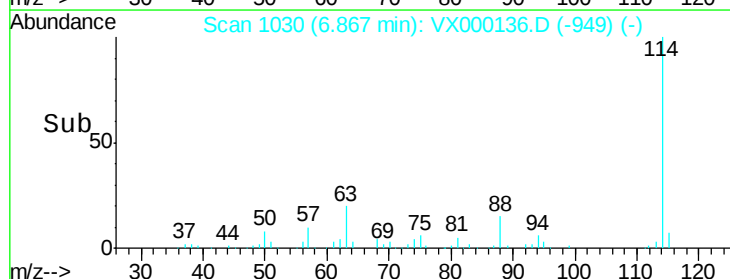
60000

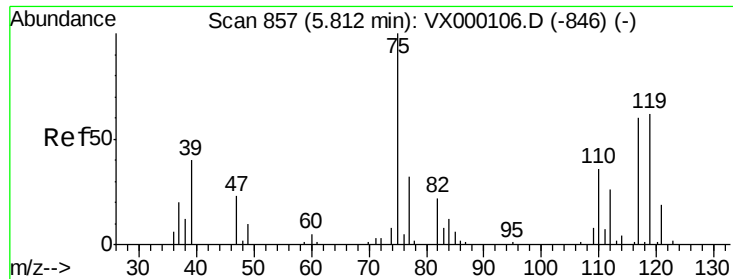
40000

20000

0

Time--> 6.75 6.80 6.85 6.90 6.95

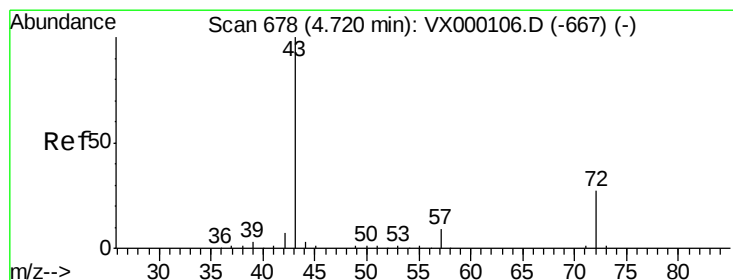
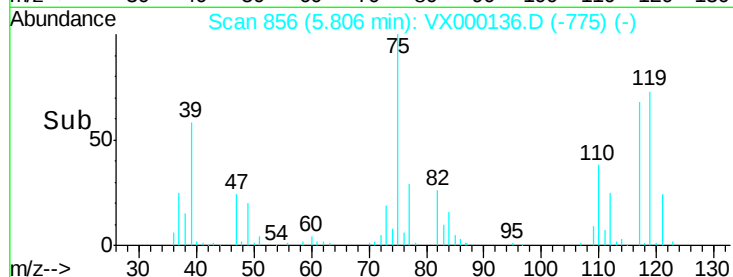
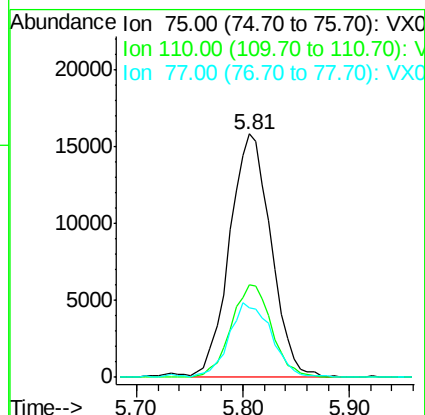
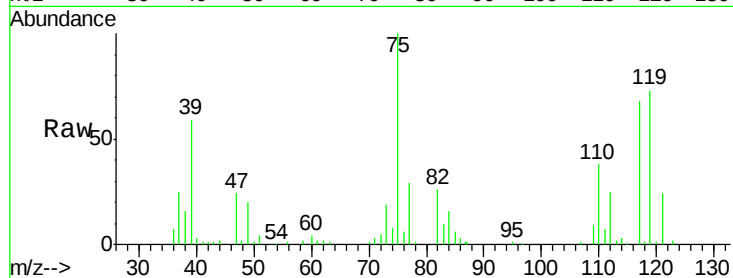




#29
 1,1-Dichloropropene
 Concen: 21.01 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

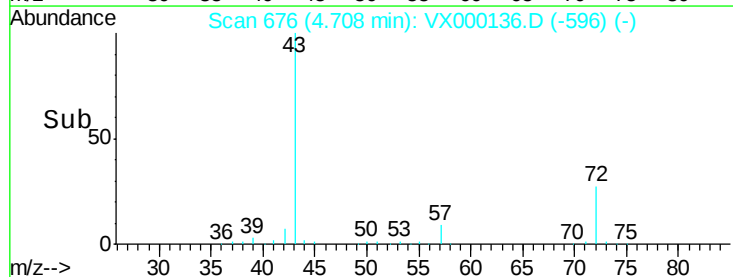
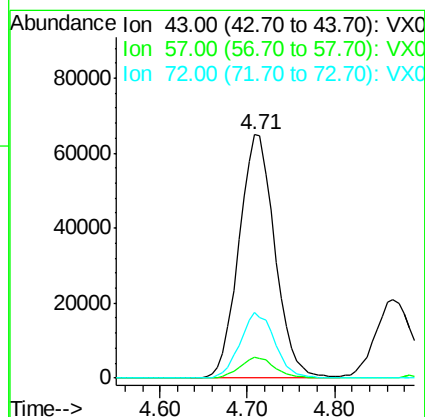
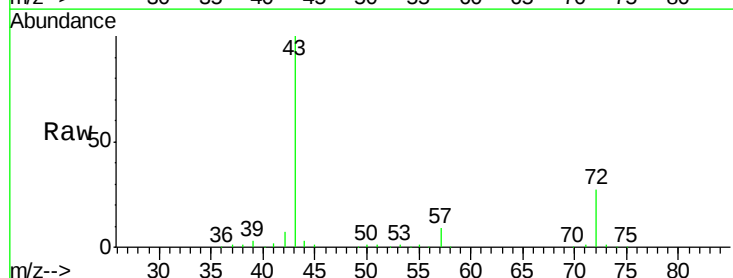
Instrument :
 ClientSampleId :
 VSTDCCC020

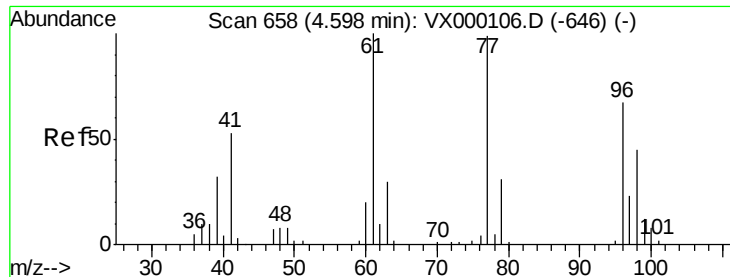
Tgt Ion: 75 Resp: 43256
 Ion Ratio Lower Upper
 75 100
 110 37.1 0.0 75.6
 77 30.4 0.0 62.6



#30
 2-Butanone
 Concen: 117.07 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 43 Resp: 185528
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.6 10.0
 72 26.1 21.8 32.6

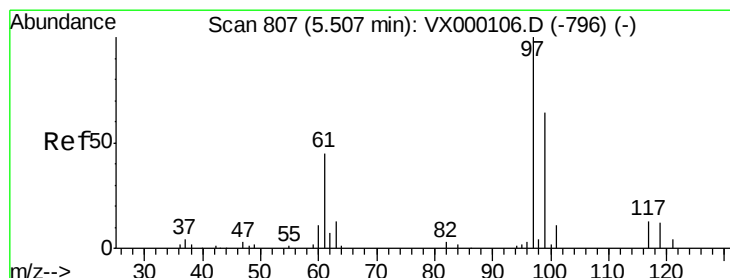
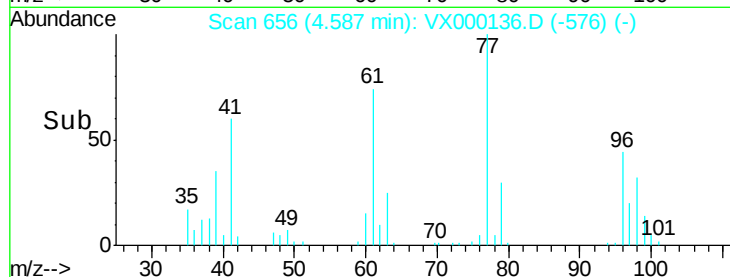
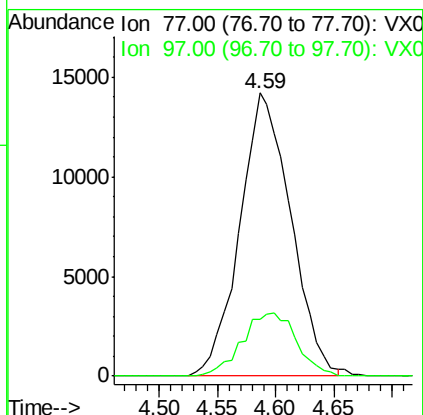
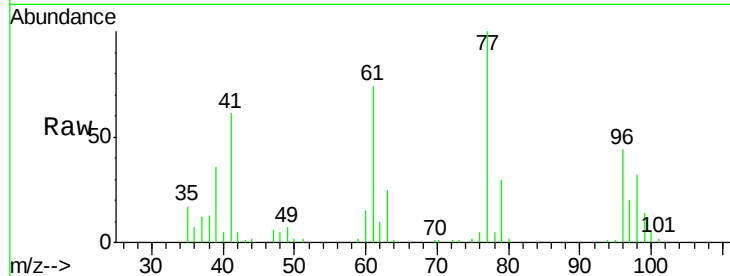




#31
 2,2-Dichloropropane
 Concen: 19.52 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

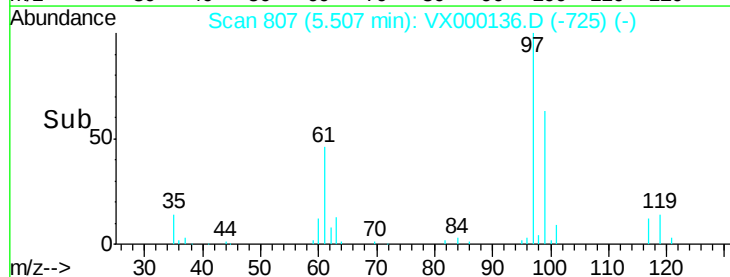
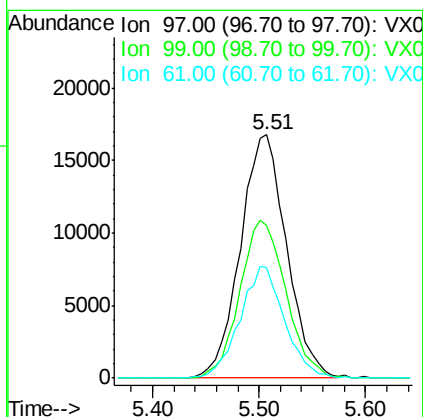
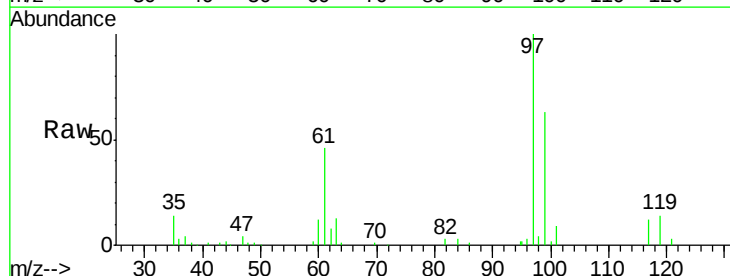
Instrument :
 ClientSampleId :
 VSTDCCC020

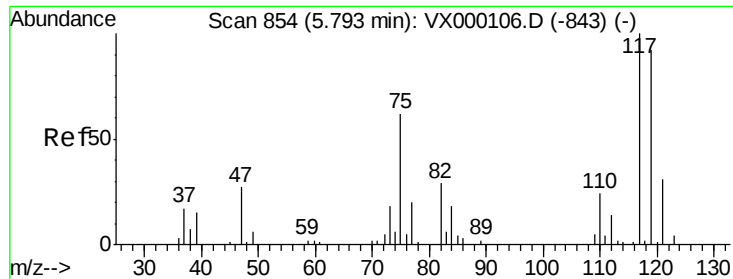
Tgt Ion: 77 Resp: 43233
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 20.47 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 97 Resp: 50986
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.3 78.5
 61 44.1 34.3 51.5





#33

Carbon Tetrachloride

Concen: 19.81 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :
ClientSampleId :
VSTDCCC020

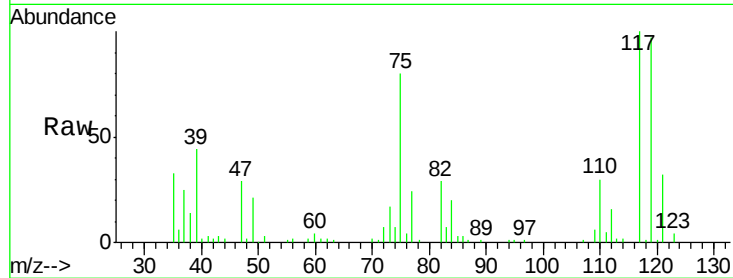
Tgt Ion:117 Resp: 43816

Ion Ratio Lower Upper

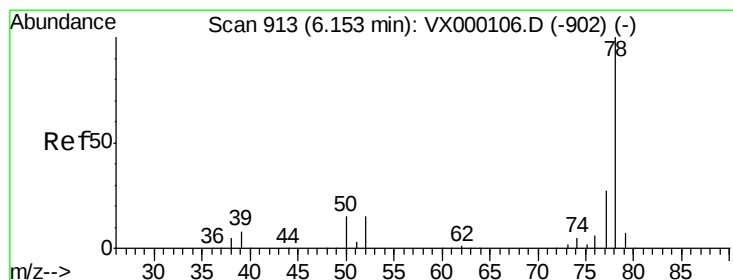
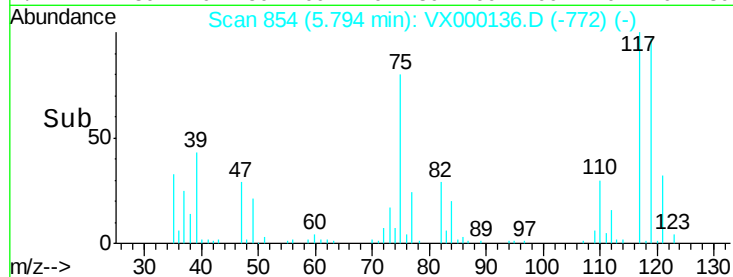
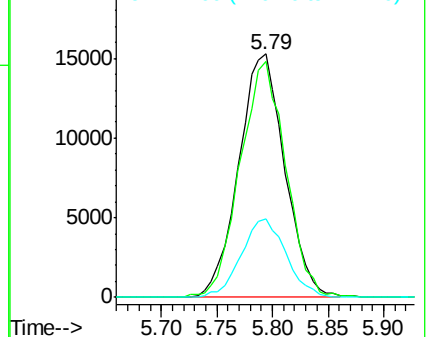
117 100

119 95.9 73.5 110.3

121 32.2 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.08 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

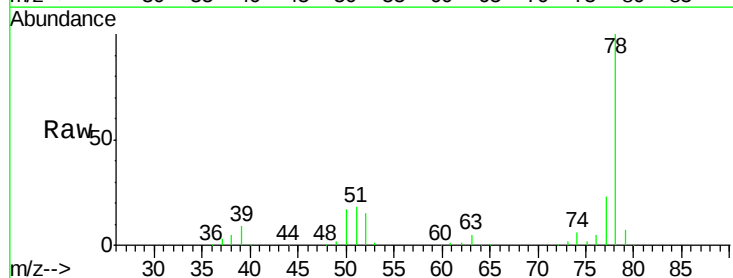
Tgt Ion: 78 Resp: 124866

Ion Ratio Lower Upper

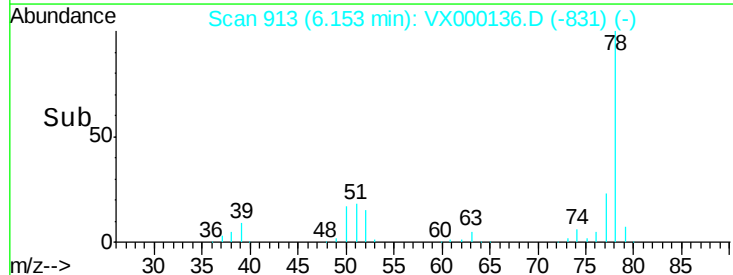
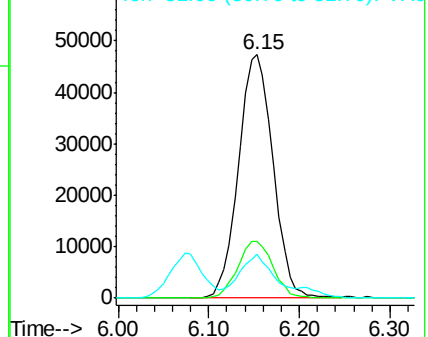
78 100

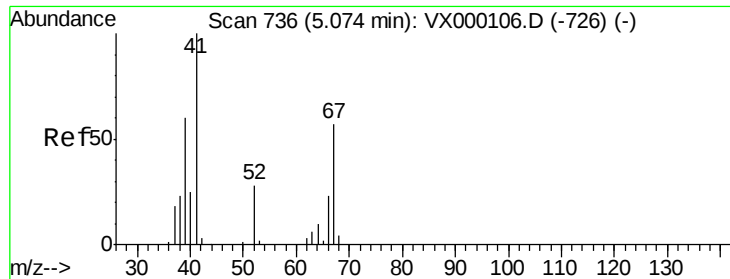
77 23.2 21.7 32.5

51 17.8 14.9 22.3



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 21.75 ug/l

RT: 5.07 min Scan# 735

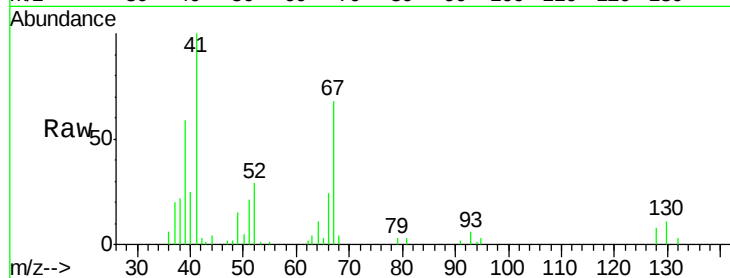
Delta R.T. -0.01 min

Lab File: VX000136.D

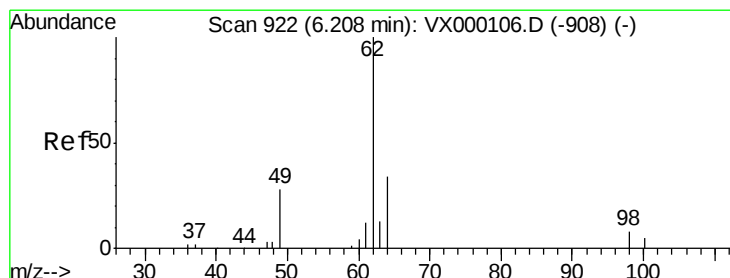
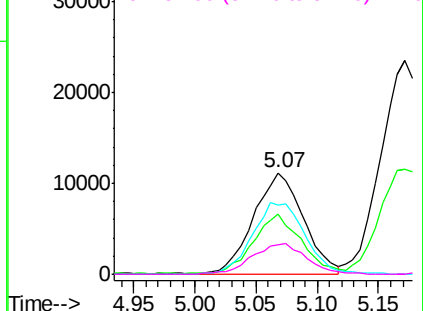
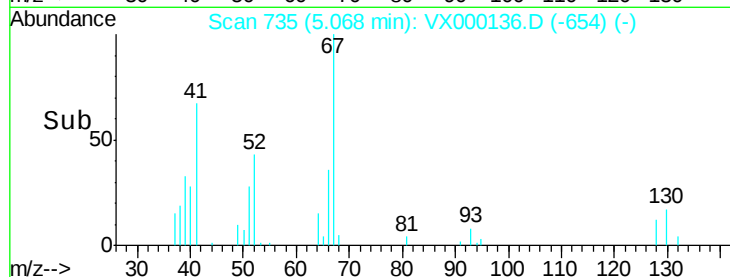
Acq: 23 Feb 2018 15:59

Instrument :
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	31734
Ion	Ratio	Lower	Upper
41	100		
39	57.6	29.8	89.3
67	68.2	28.7	86.3
52	28.9	14.0	41.9



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



#36

1,2-Dichloroethane

Concen: 21.97 ug/l

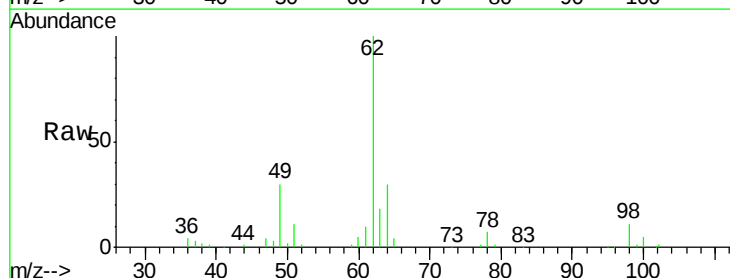
RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

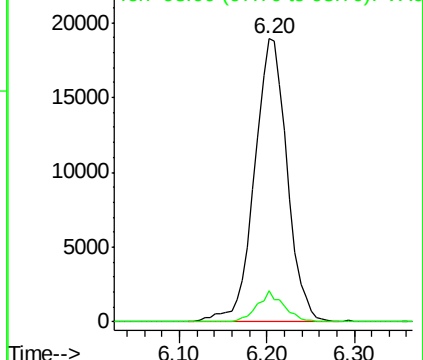
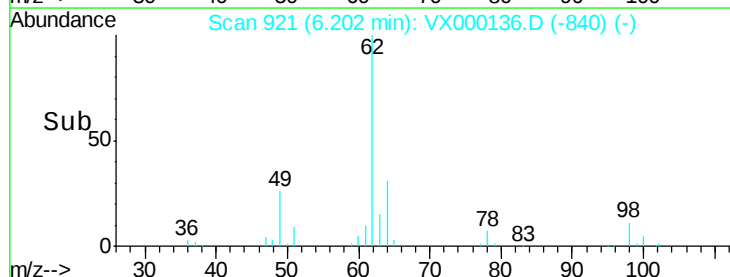
Lab File: VX000136.D

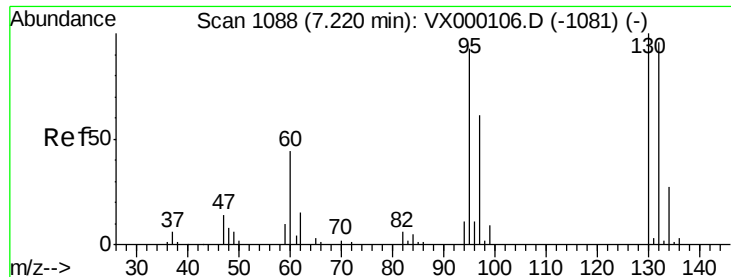
Acq: 23 Feb 2018 15:59

Tgt Ion:	62	Resp:	49368
Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

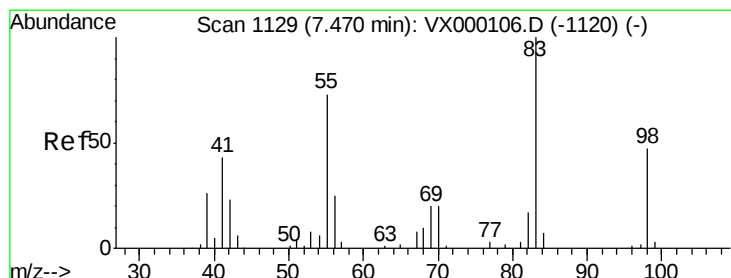
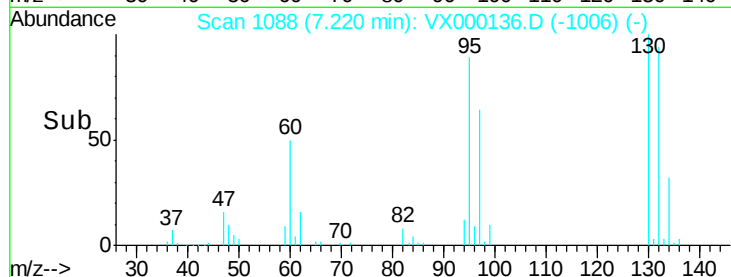
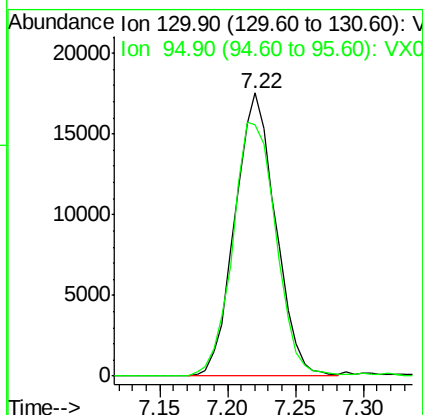
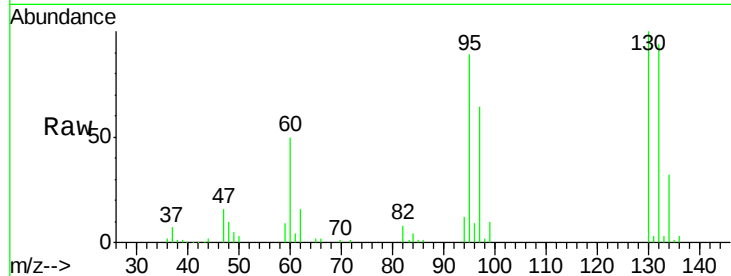




#37
 Trichloroethene
 Concen: 20.93 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

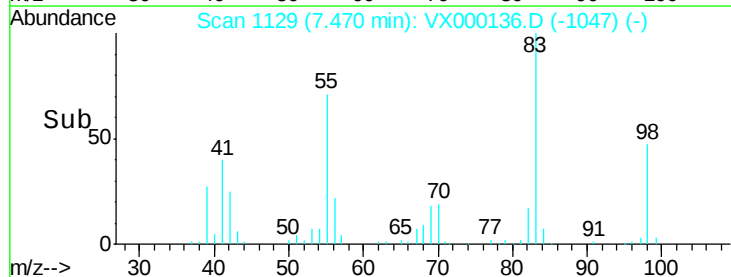
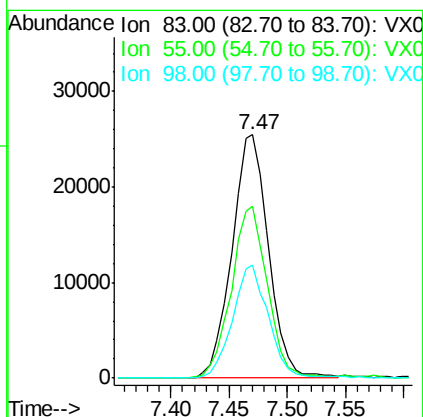
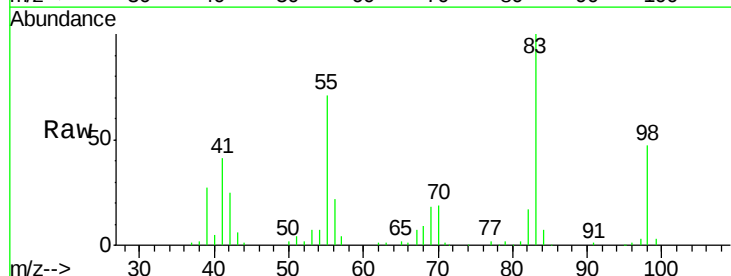
Instrument :
 ClientSampleId :
 VSTDCCC020

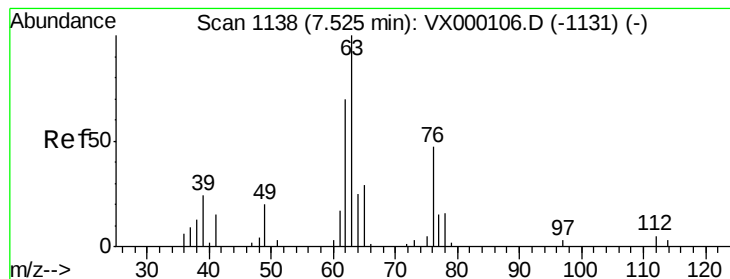
Tgt Ion:130 Resp: 36645
 Ion Ratio Lower Upper
 130 100
 95 88.6 74.6 112.0



#38
 Methylcyclohexane
 Concen: 22.56 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 83 Resp: 55674
 Ion Ratio Lower Upper
 83 100
 55 69.3 35.9 107.7
 98 45.4 24.6 74.0





#39

1,2-Dichloropropane

Concen: 21.59 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :

ClientSampleId :

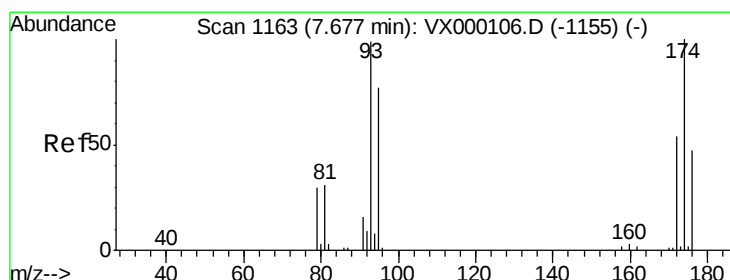
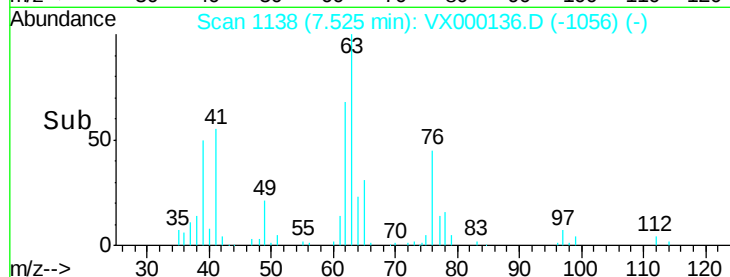
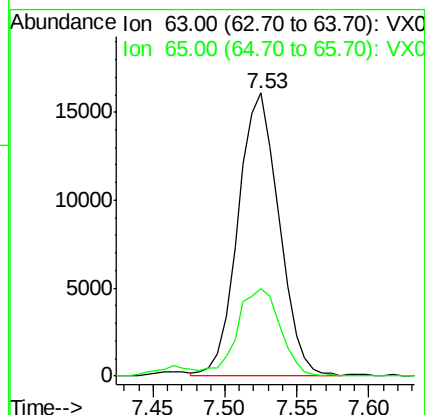
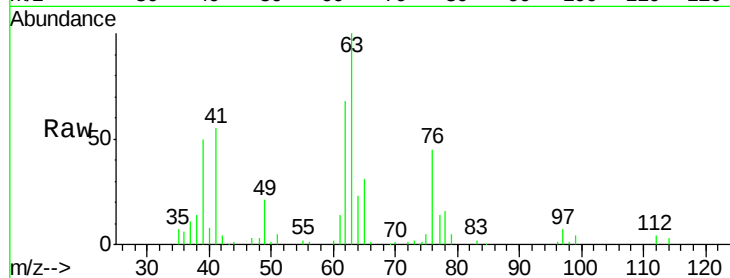
VSTDCCC020

Tgt Ion: 63 Resp: 31936

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6



#40

Dibromomethane

Concen: 22.35 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

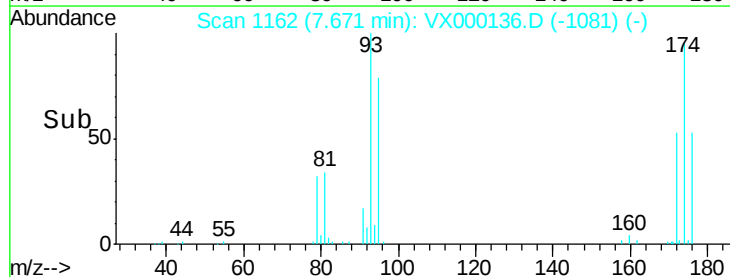
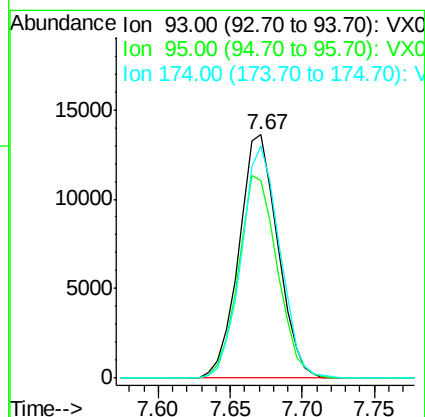
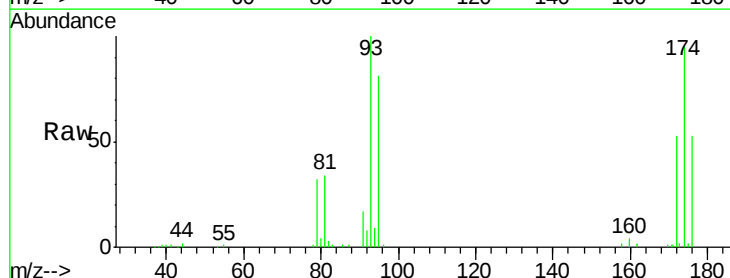
Tgt Ion: 93 Resp: 25466

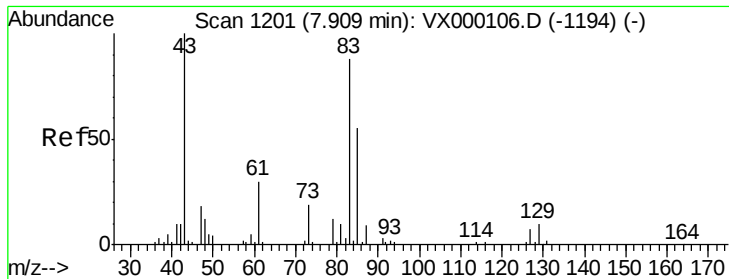
Ion Ratio Lower Upper

93 100

95 83.2 0.0 170.6

174 93.9 0.0 210.4





#41

Bromodichloromethane

Concen: 21.41 ug/l

RT: 7.90 min Scan# 1200

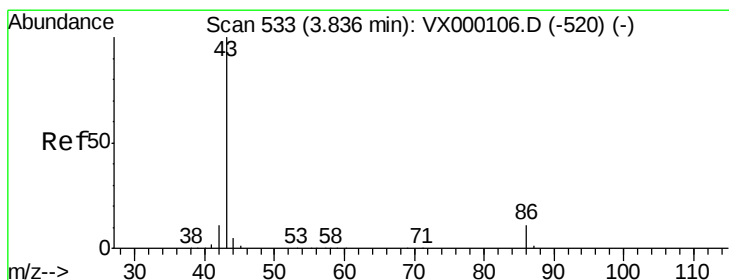
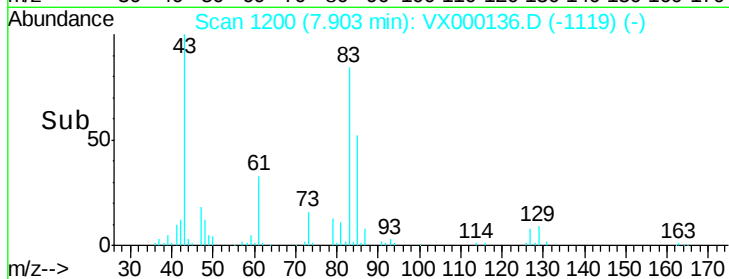
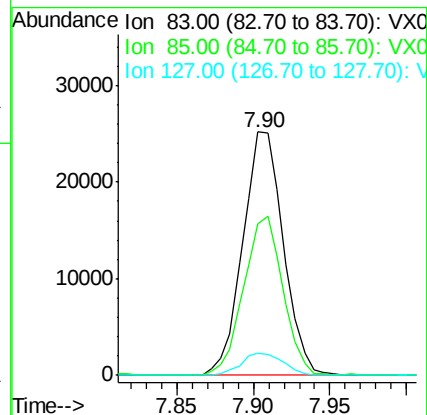
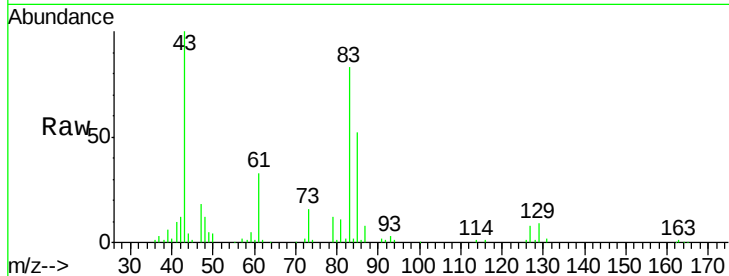
Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :
ClientSampled :
VSTDCCC020

Tgt Ion: 83 Resp: 46381
Ion Ratio Lower Upper
83 100
85 62.0 50.0 75.0
127 9.3 6.6 10.0



#42

Vinyl Acetate

Concen: 122.45 ug/l

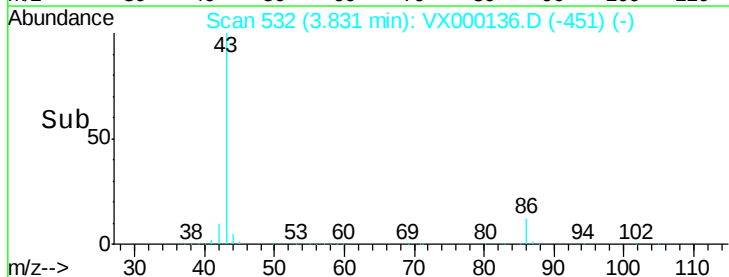
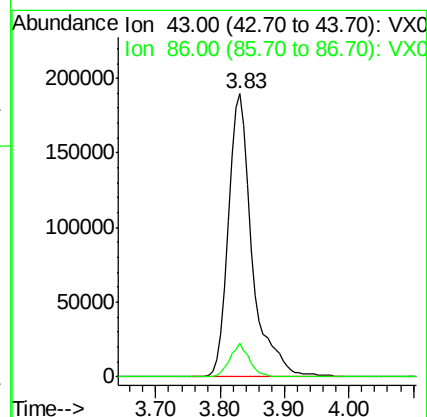
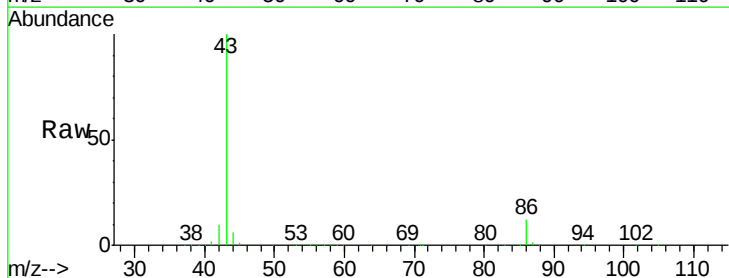
RT: 3.83 min Scan# 532

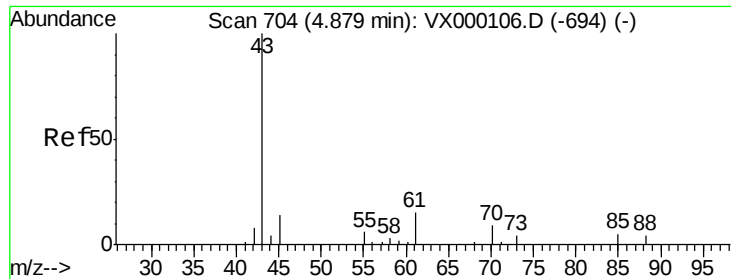
Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Tgt Ion: 43 Resp: 494615
Ion Ratio Lower Upper
43 100
86 9.6 7.8 11.6





#43

Ethyl Acetate

Concen: 22.25 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

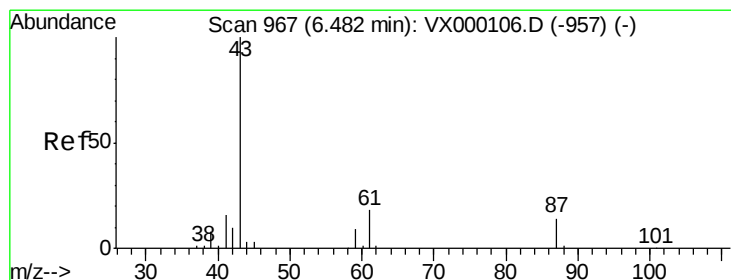
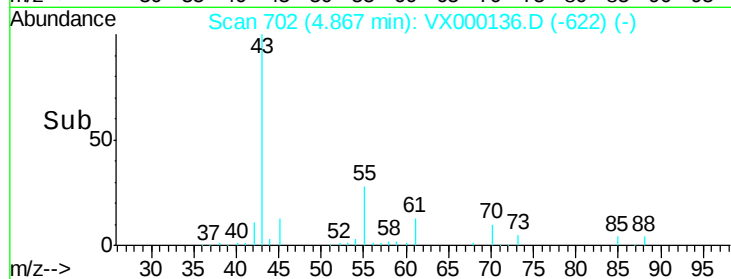
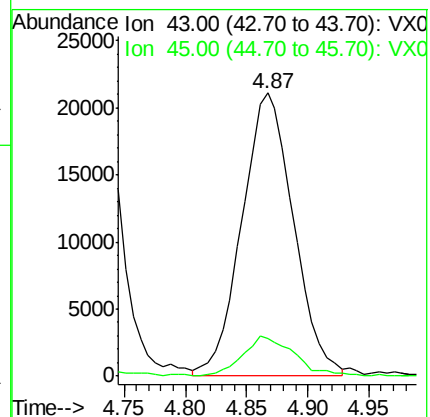
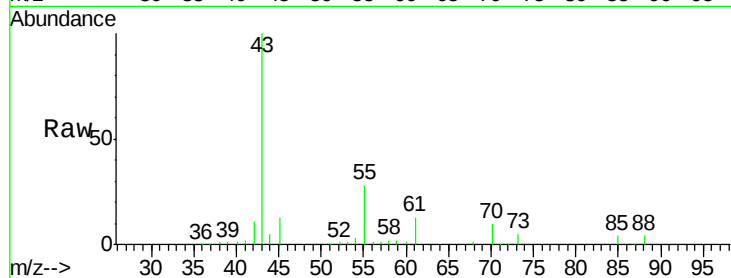
Instrument :
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 61938

Ion Ratio Lower Upper

43 100

45 12.8 11.4 17.0



#44

Isopropyl Acetate

Concen: 22.49 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000136.D

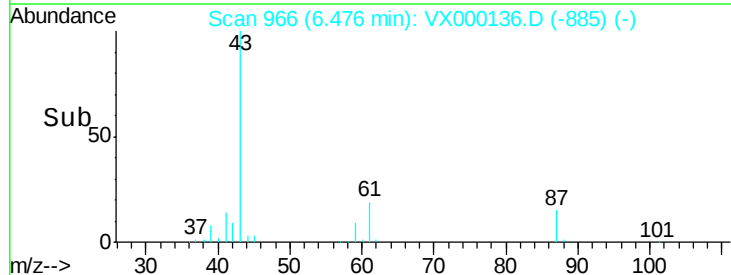
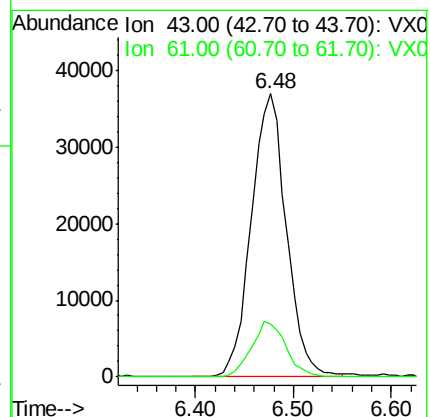
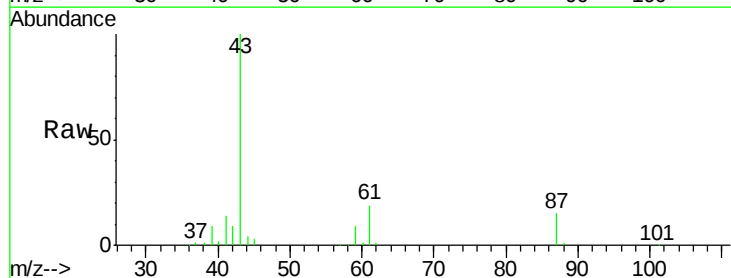
Acq: 23 Feb 2018 15:59

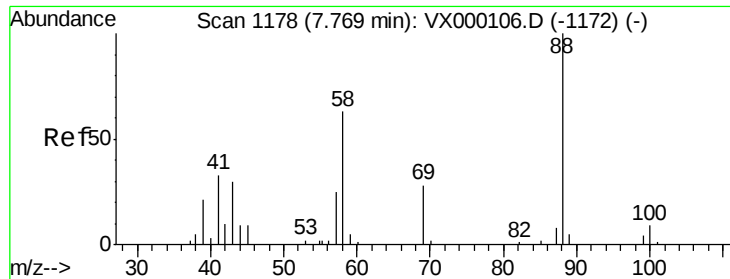
Tgt Ion: 43 Resp: 91875

Ion Ratio Lower Upper

43 100

61 19.0 15.7 23.5

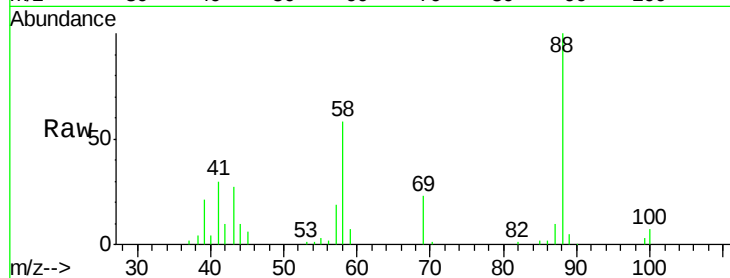




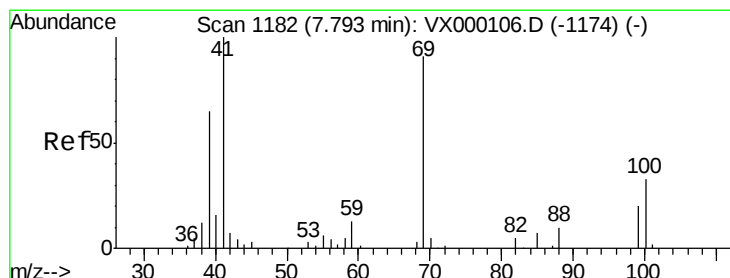
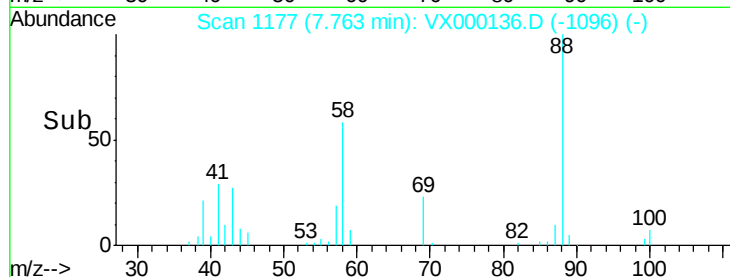
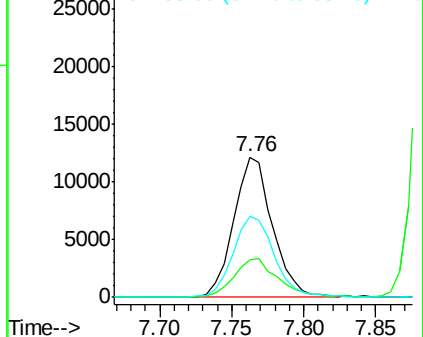
#45
 1,4-Dioxane
 Concen: 442.56 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Instrument :
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 88 Resp: 22733
 Ion Ratio Lower Upper
 88 100
 43 31.0 26.8 40.2
 58 61.2 52.1 78.1

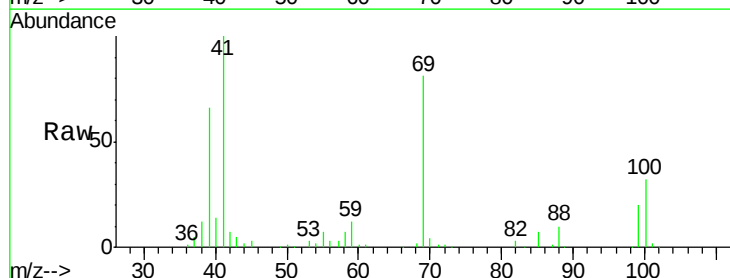


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

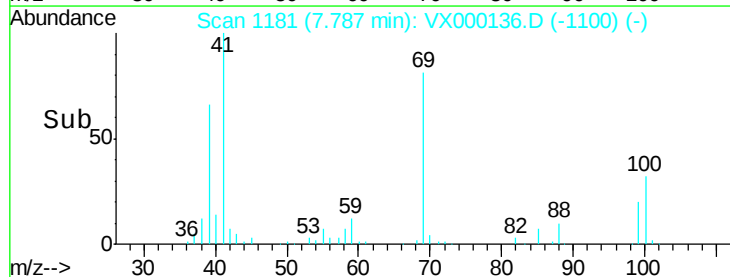
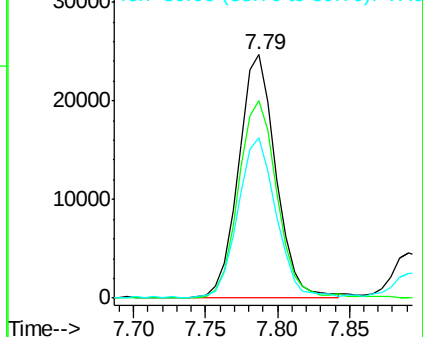


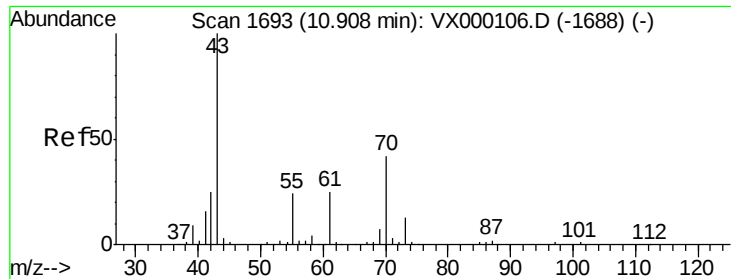
#46
 Methyl methacrylate
 Concen: 22.12 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 41 Resp: 43936
 Ion Ratio Lower Upper
 41 100
 69 81.3 45.5 136.5
 39 66.1 32.5 97.5



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

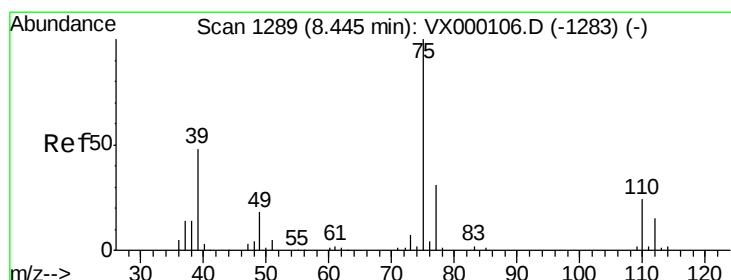
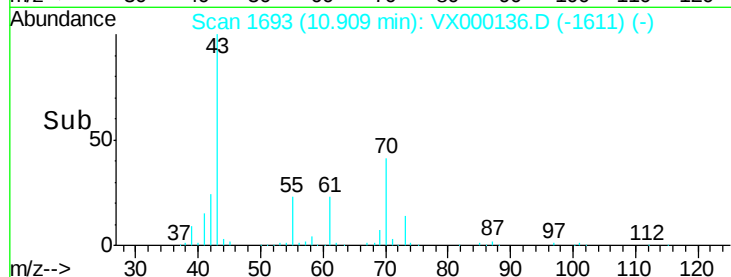
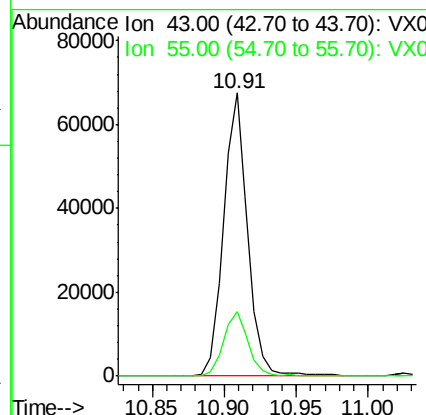
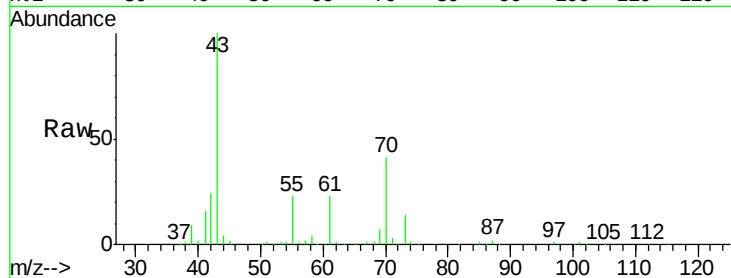




#47
n-amy1 Acetate
Concen: 22.17 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

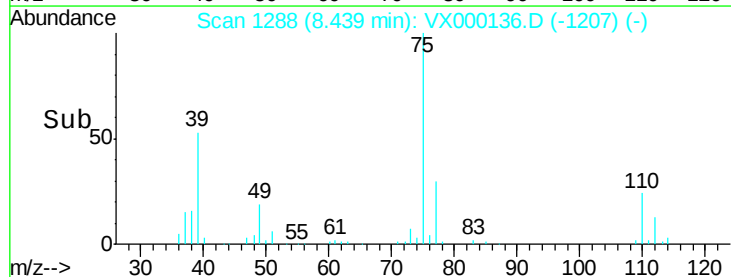
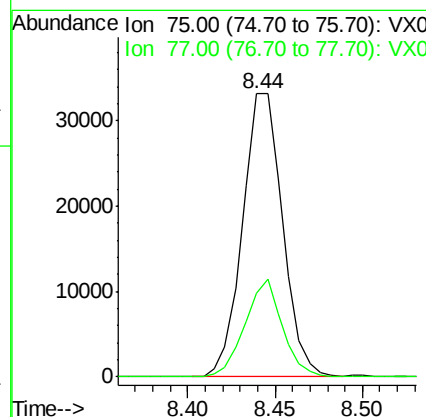
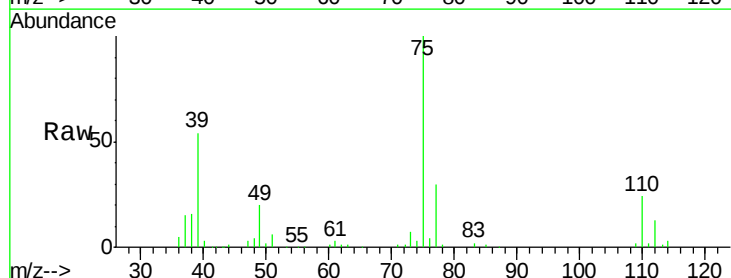
Instrument :
ClientSampleId :
VSTDCCC020

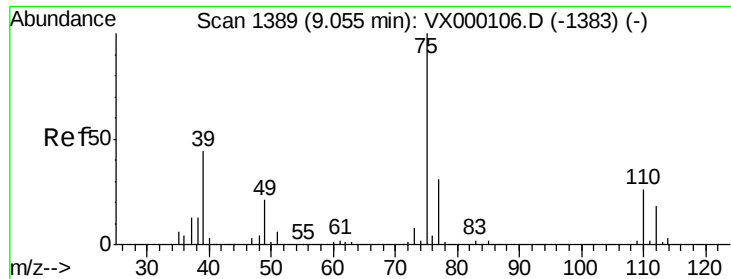
Tgt Ion: 43 Resp: 79058
Ion Ratio Lower Upper
43 100
55 23.1 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 21.10 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 75 Resp: 53199
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0



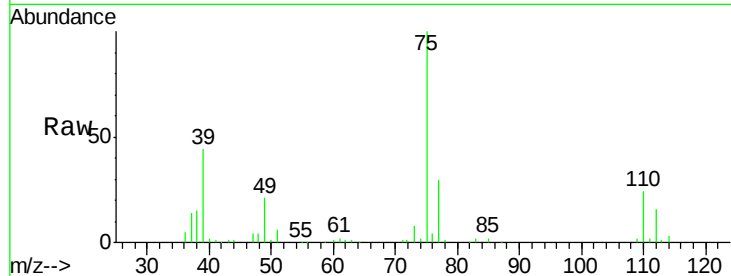


#49

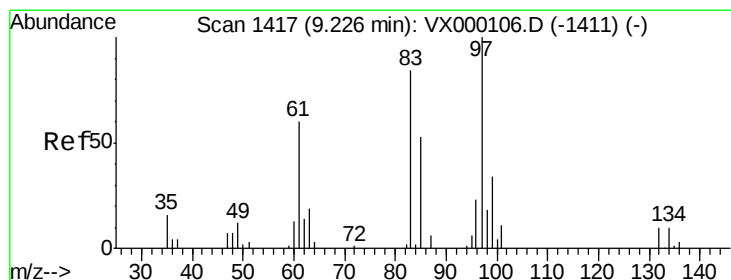
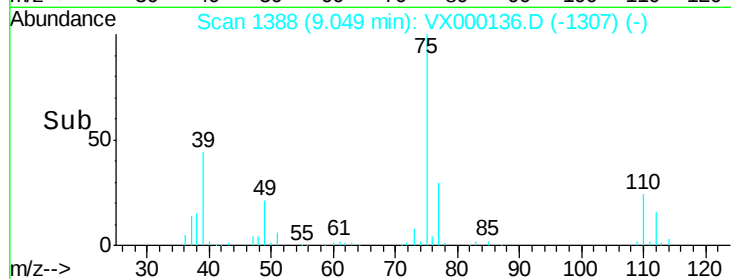
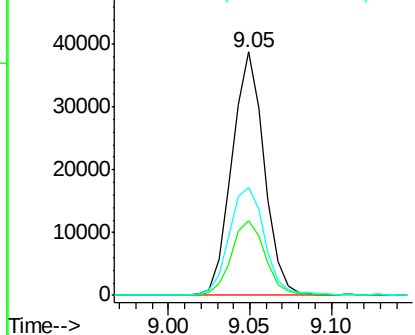
cis-1,3-Dichloropropene
Concen: 21.76 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Instrument :
ClientSampled :
VSTDCCC020

Tgt Ion: 75 Resp: 53387
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7
39 43.8 35.6 53.4



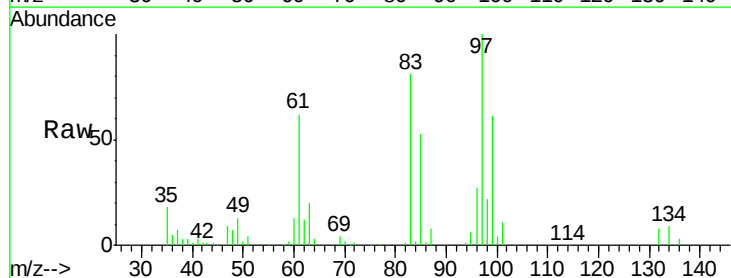
Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



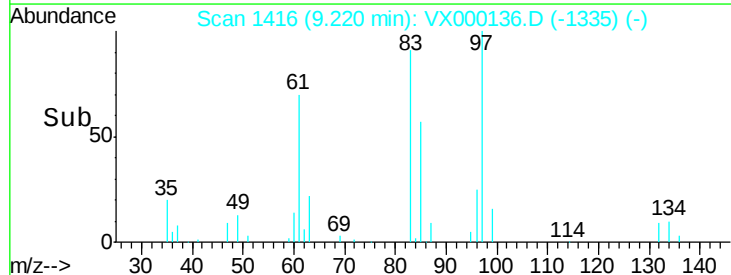
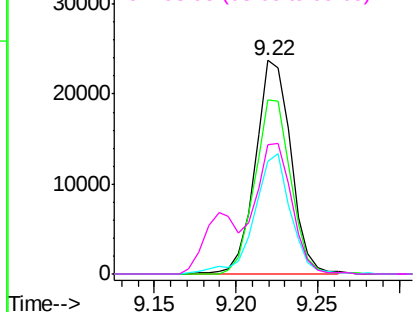
#50

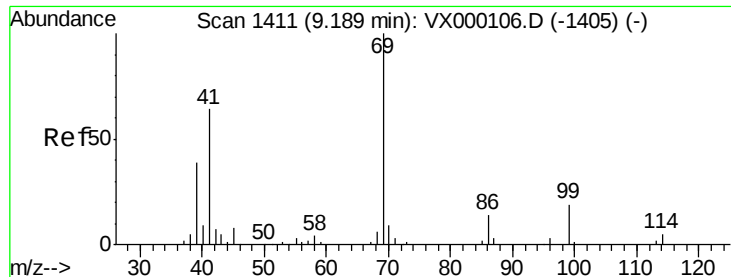
1,1,2-Trichloroethane
Concen: 21.52 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 97 Resp: 36014
Ion Ratio Lower Upper
97 100
83 81.4 66.9 100.3
85 52.2 44.4 66.6
99 59.7 50.0 75.0



Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 82.95 (82.65 to 83.65): VX0
Ion 84.95 (84.65 to 85.65): VX0
Ion 98.95 (98.65 to 99.65): VX0

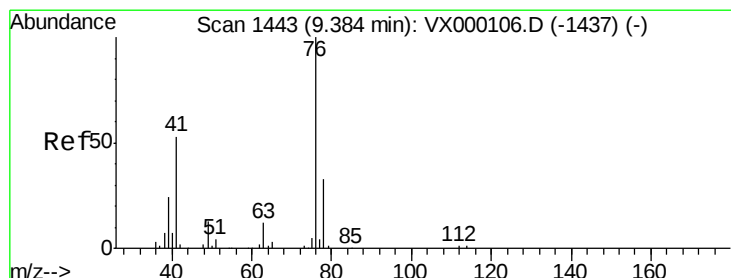
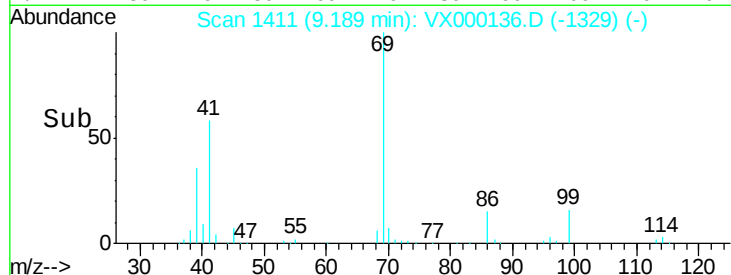
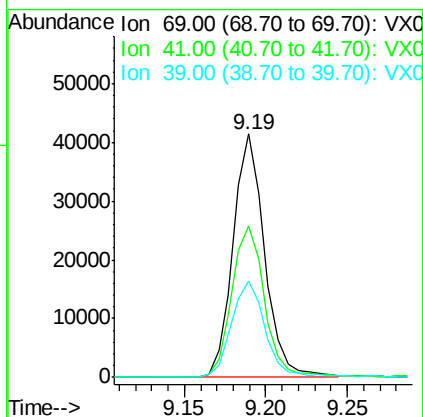
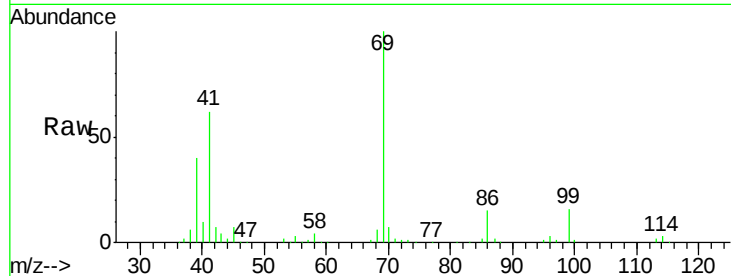




#51
Ethyl methacrylate
Concen: 21.76 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

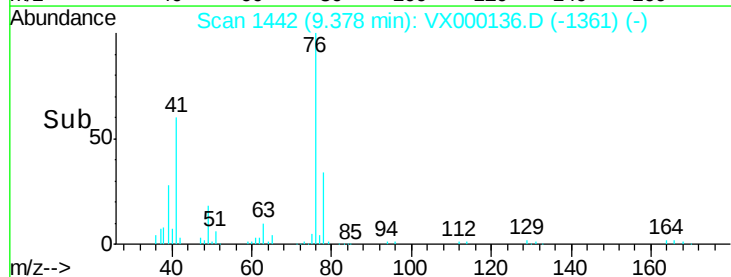
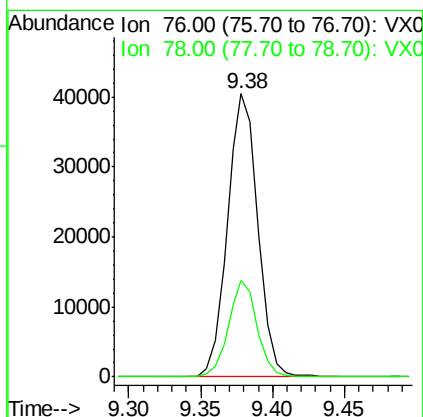
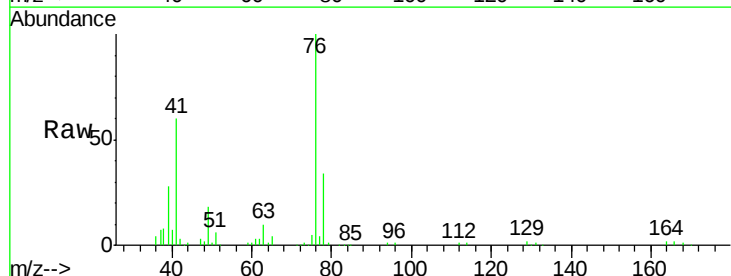
Instrument :
ClientSampleId :
VSTDCCC020

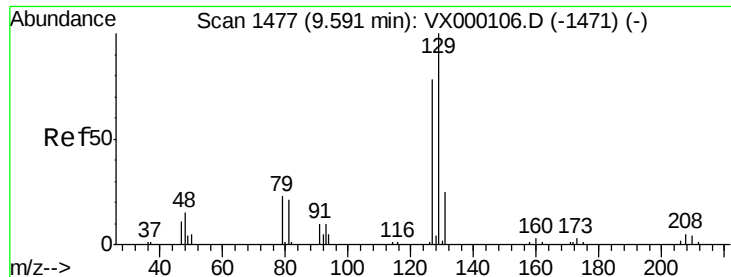
Tgt Ion: 69 Resp: 55773
Ion Ratio Lower Upper
69 100
41 62.1 32.1 96.3
39 39.5 19.6 58.7



#52
1,3-Dichloropropane
Concen: 22.25 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 76 Resp: 59726
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.0

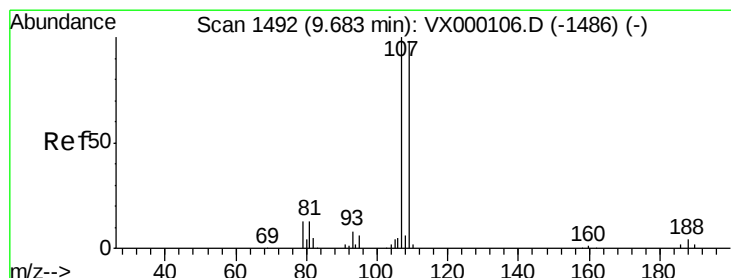
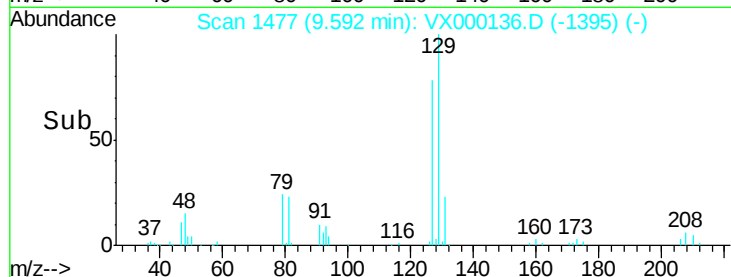
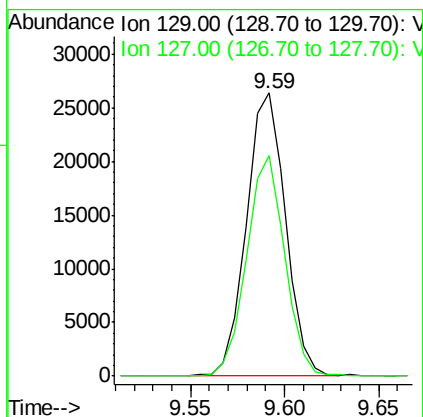
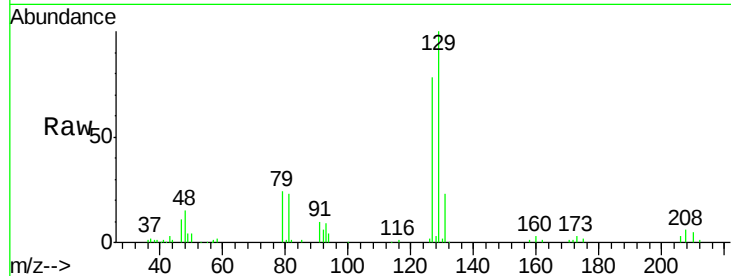




#53
 Dibromochloromethane
 Concen: 20.38 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

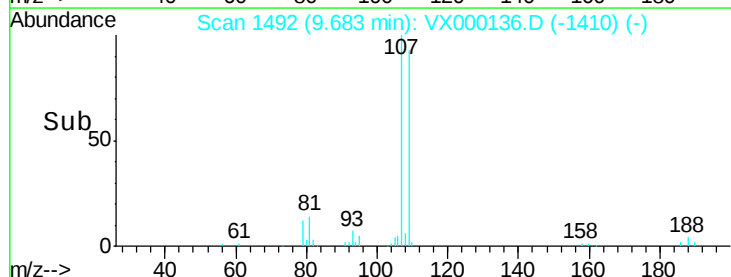
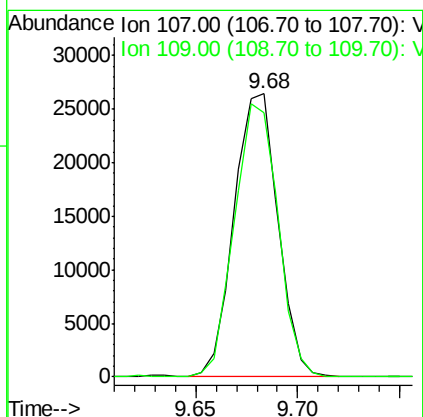
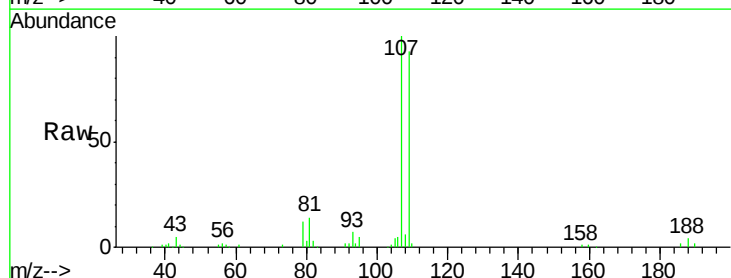
Instrument :
 ClientSampled :
 VSTDCCC020

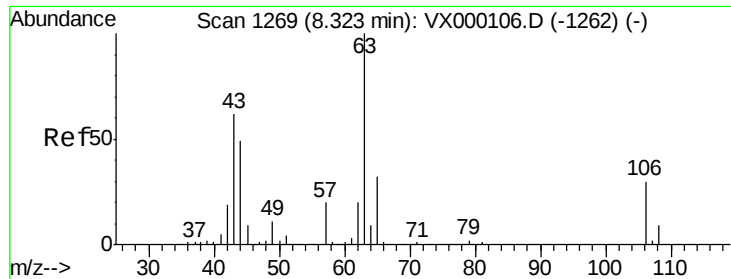
Tgt Ion:129 Resp: 37934
 Ion Ratio Lower Upper
 129 100
 127 75.7 37.5 112.5



#54
 1,2-Dibromoethane
 Concen: 21.20 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion:107 Resp: 39543
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.5 111.7

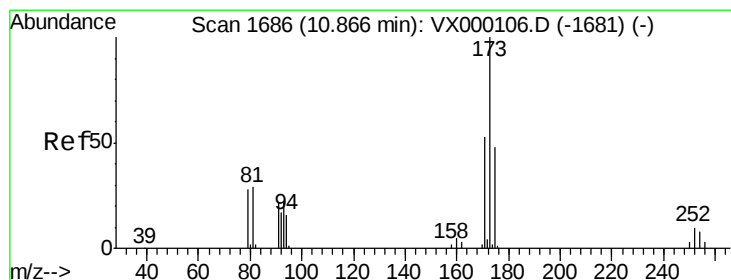
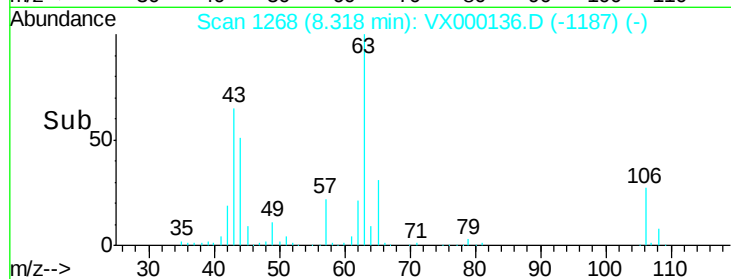
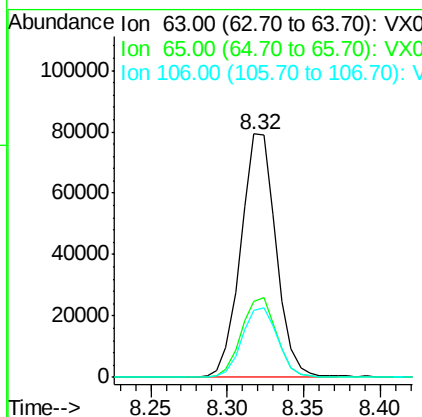
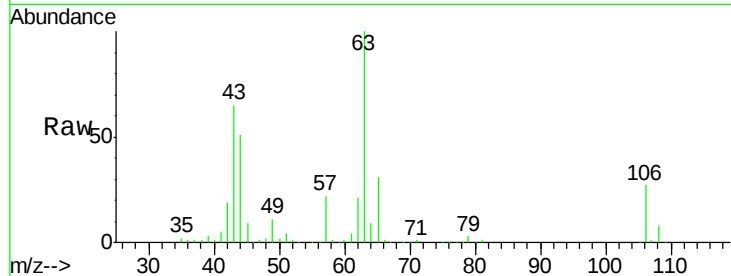




#55
 2-Chloroethyl vinyl ether
 Concen: 113.80 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

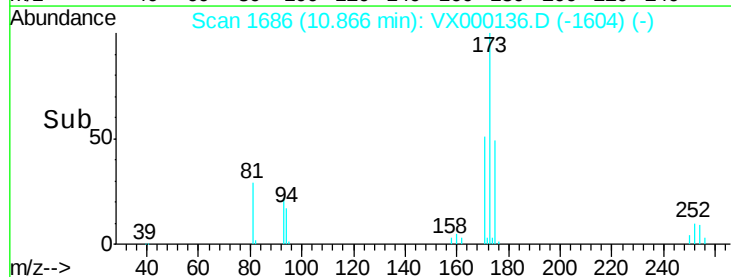
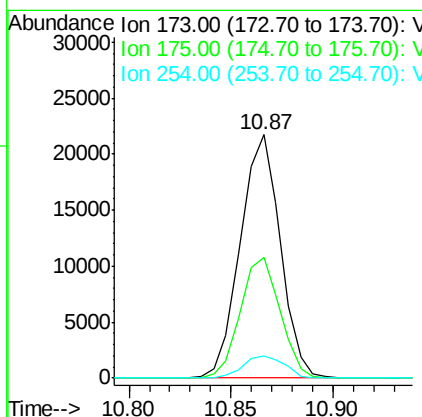
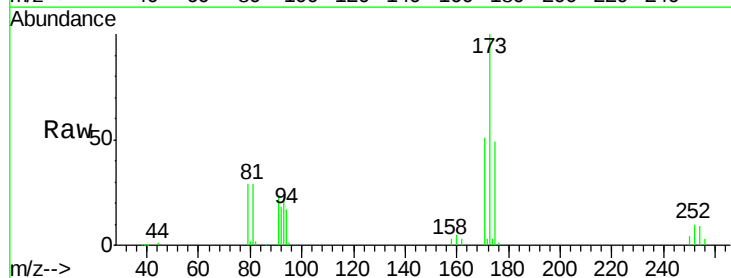
Instrument :
 ClientSampled :
 VSTDCCC020

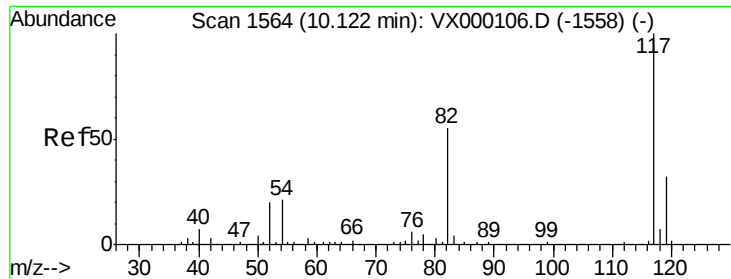
Tgt Ion: 63 Resp: 127381
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.8 38.8
 106 28.8 23.8 35.6



#56
 Bromoform
 Concen: 19.64 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 173 Resp: 29614
 Ion Ratio Lower Upper
 173 100
 175 49.0 39.0 58.4
 254 9.6 7.0 10.4

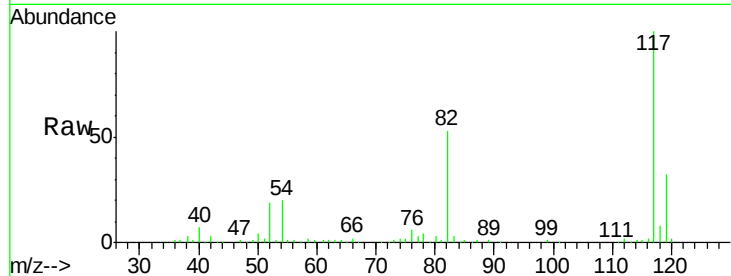




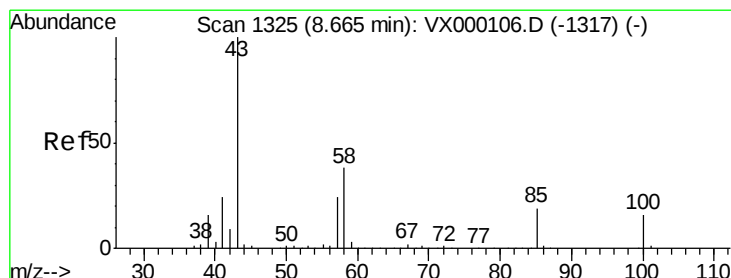
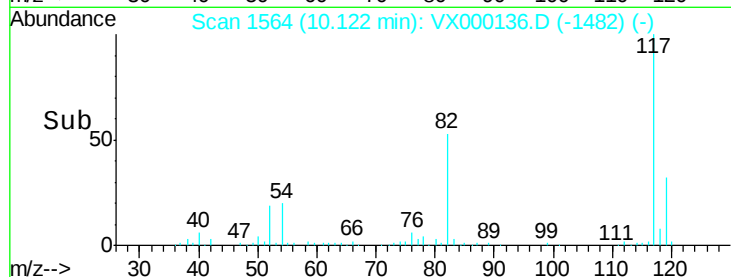
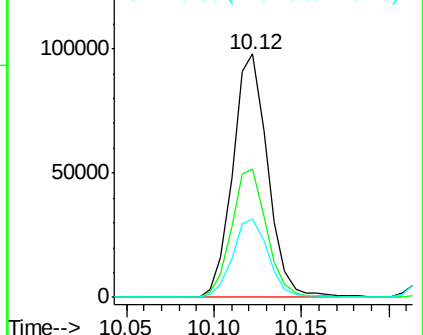
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Instrument :
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 136151
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 33.1 25.8 38.8

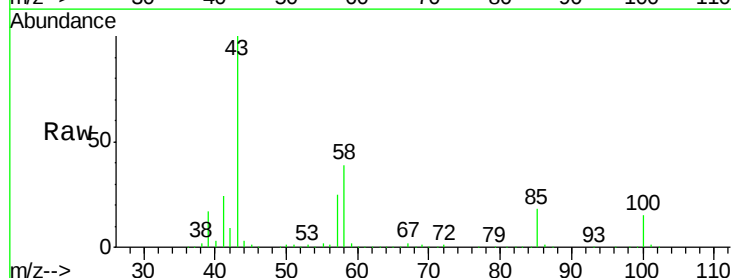


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

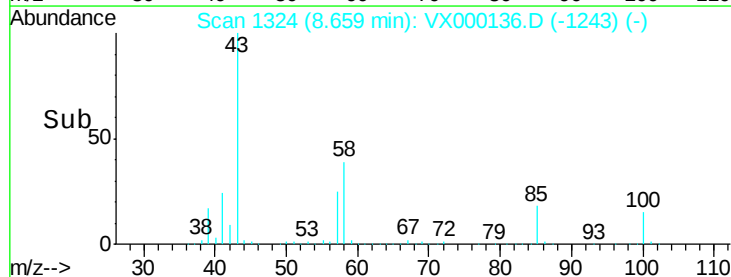
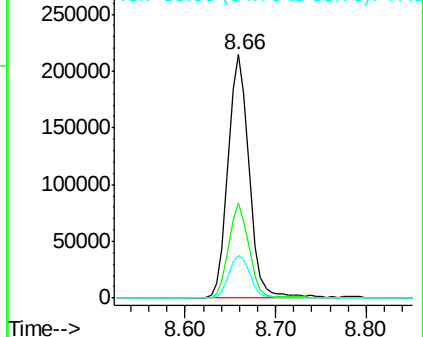


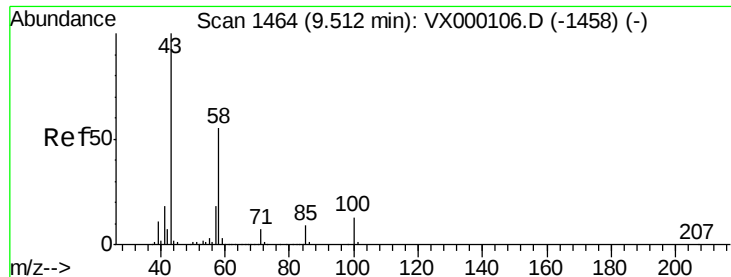
#58
4-Methyl-2-Pentanone
Concen: 116.93 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 43 Resp: 348703
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.8
85 17.6 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

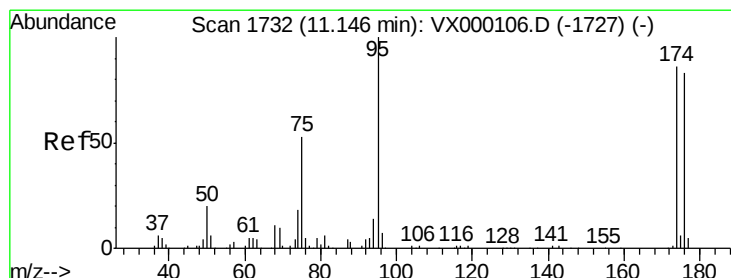
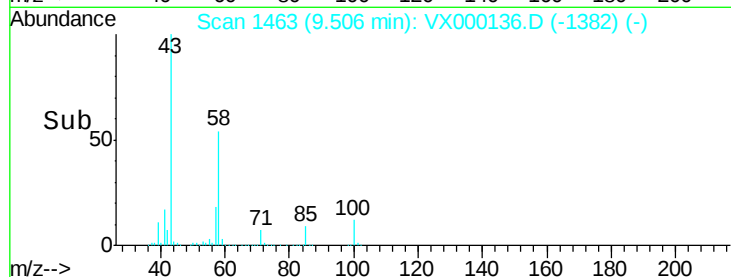
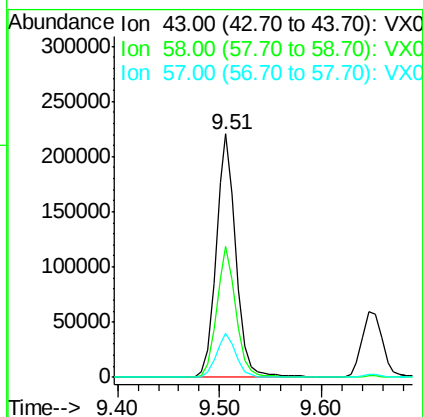
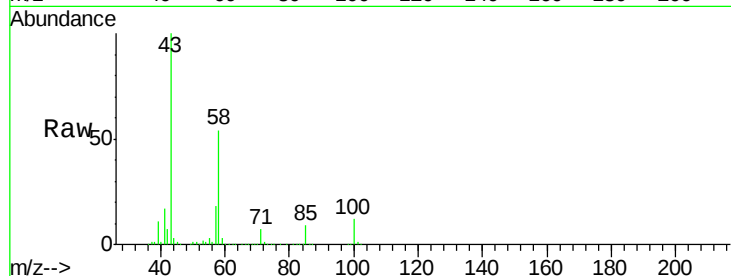




#59
2-Hexanone
Concen: 118.58 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

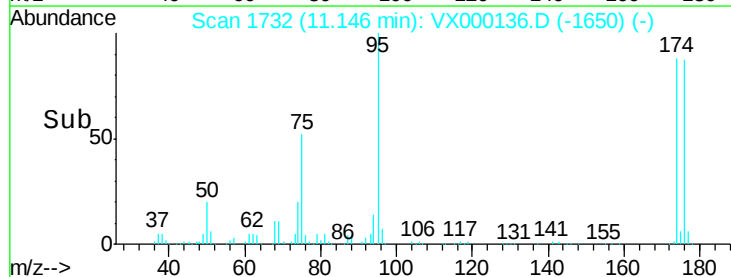
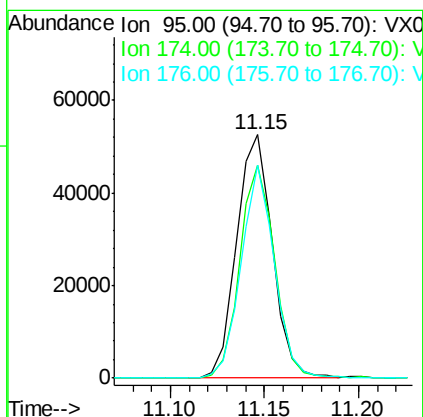
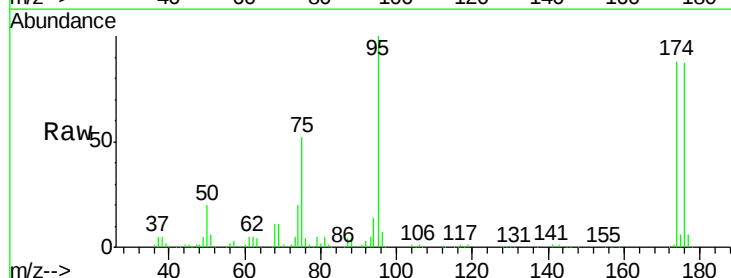
Instrument :
ClientSampleId :
VSTDCCC020

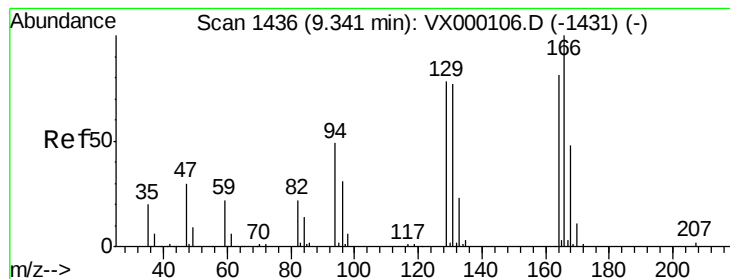
Tgt Ion: 43 Resp: 299438
Ion Ratio Lower Upper
43 100
58 52.0 43.0 64.6
57 18.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 31.10 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 95 Resp: 69264
Ion Ratio Lower Upper
95 100
174 85.2 71.1 106.7
176 81.5 69.3 103.9





#61

Tetrachloroethene

Concen: 20.73 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :
ClientSampled :
VSTDCCC020

Tgt Ion:164 Resp: 34266

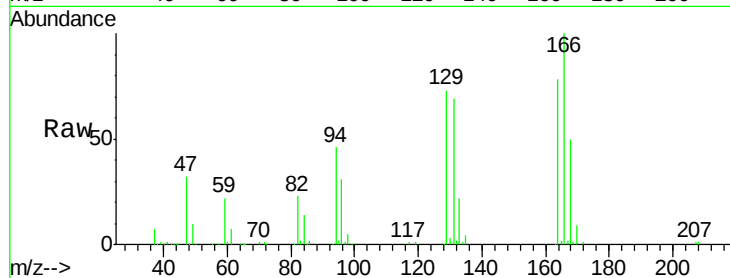
Ion Ratio Lower Upper

164 100

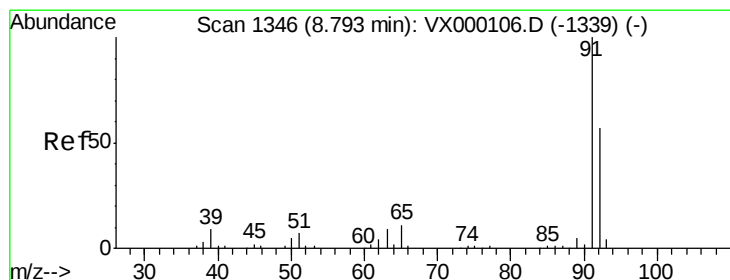
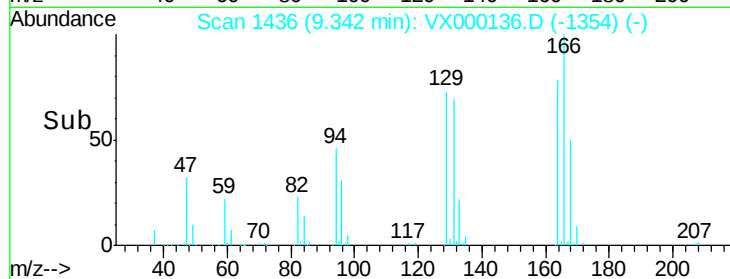
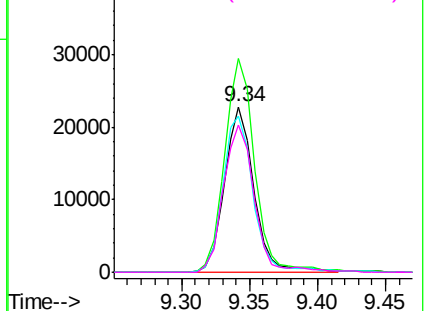
166 129.0 99.0 148.4

129 94.1 77.0 115.6

131 89.0 75.8 113.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.62 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000136.D

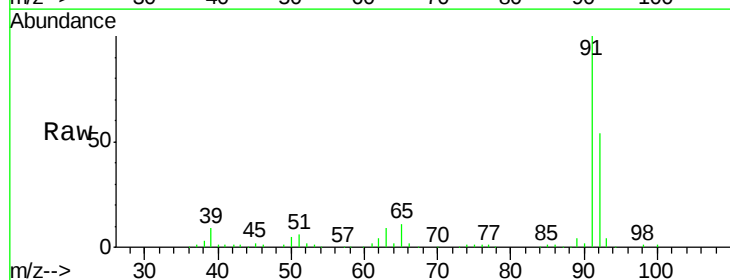
Acq: 23 Feb 2018 15:59

Tgt Ion: 91 Resp: 153148

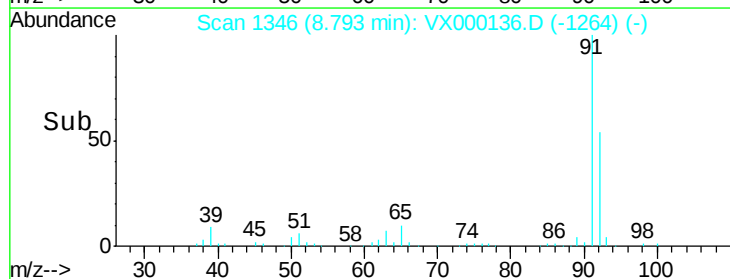
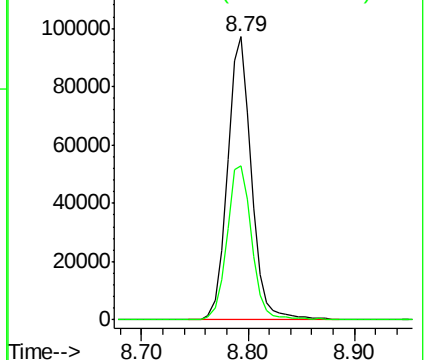
Ion Ratio Lower Upper

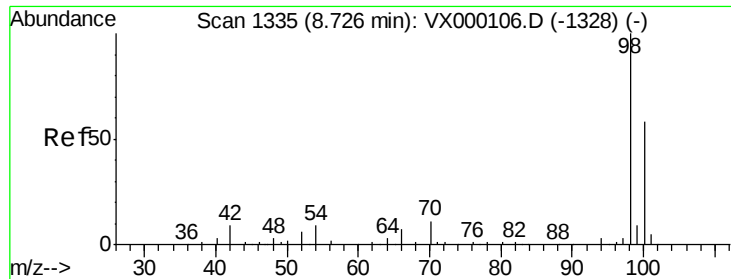
91 100

92 56.4 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

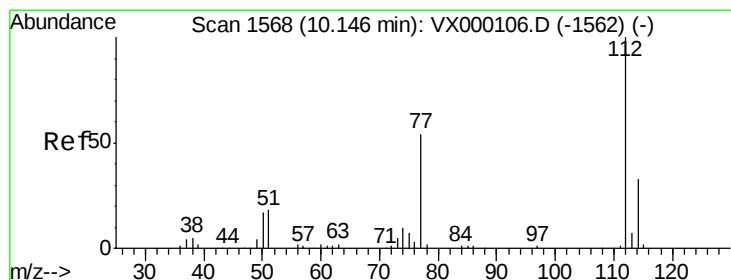
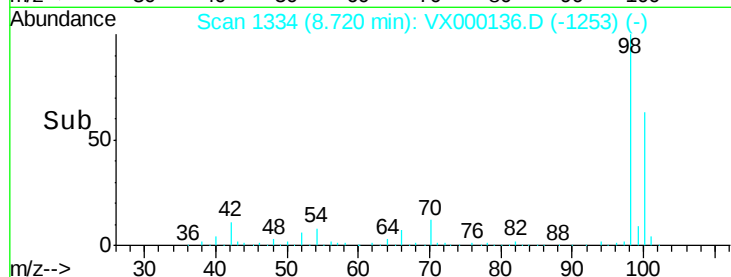
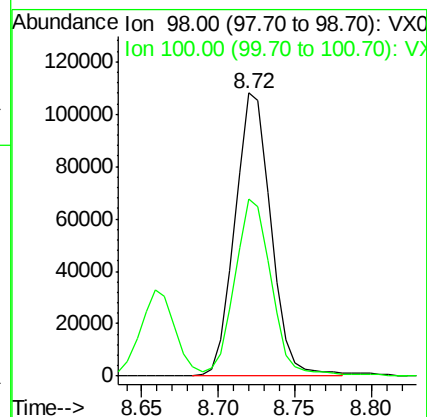
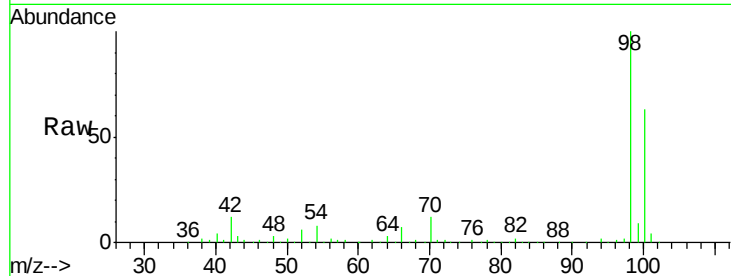




#63
Toluene-d8
Concen: 30.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

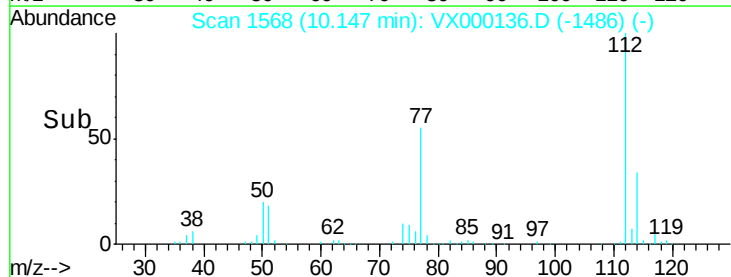
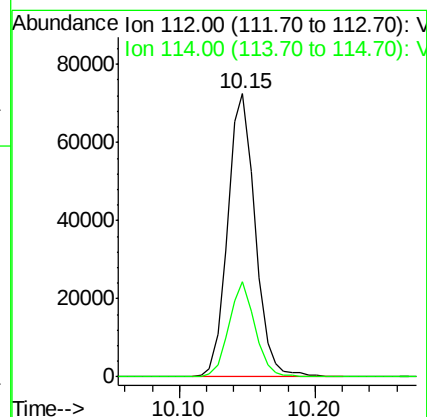
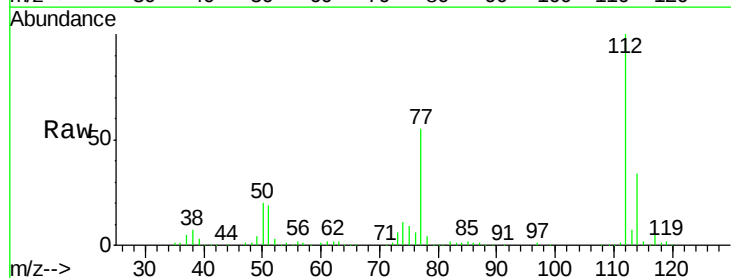
Instrument :
ClientSampleId :
VSTDCCC020

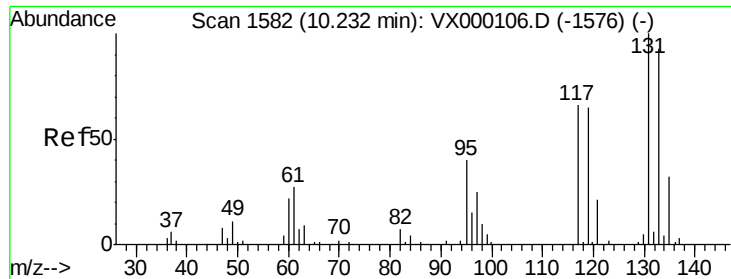
Tgt Ion: 98 Resp: 176324
Ion Ratio Lower Upper
98 100
100 63.4 50.0 75.0



#64
Chlorobenzene
Concen: 21.30 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 112 Resp: 101980
Ion Ratio Lower Upper
112 100
114 33.5 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 21.19 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :

ClientSampled :

VSTDCCC020

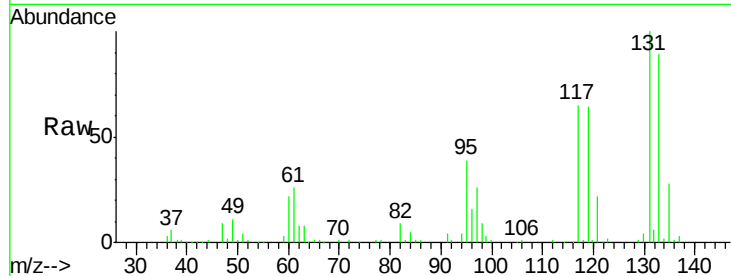
Tgt Ion:131 Resp: 35922

Ion Ratio Lower Upper

131 100

133 93.2 0.0 187.6

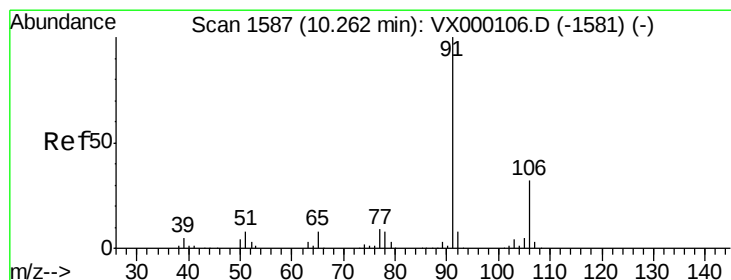
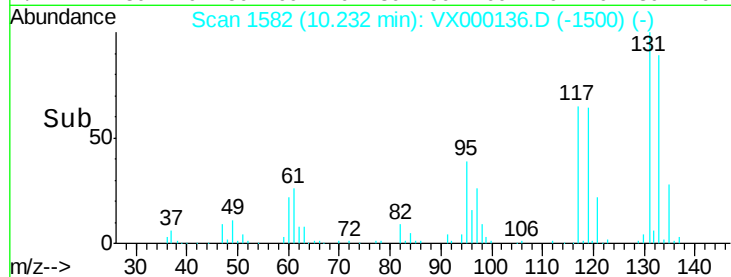
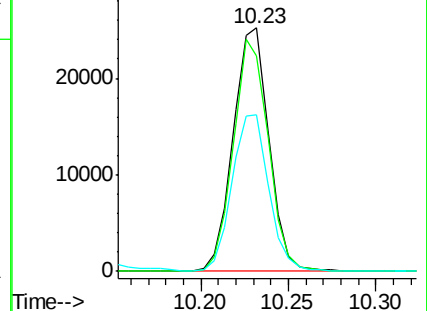
119 66.0 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.51 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000136.D

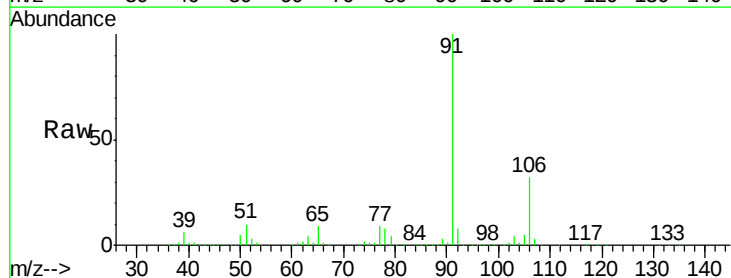
Acq: 23 Feb 2018 15:59

Tgt Ion: 91 Resp: 173951

Ion Ratio Lower Upper

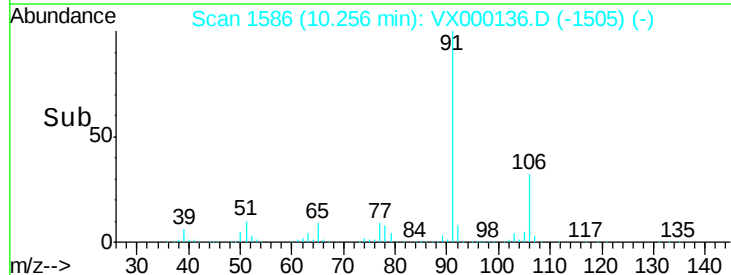
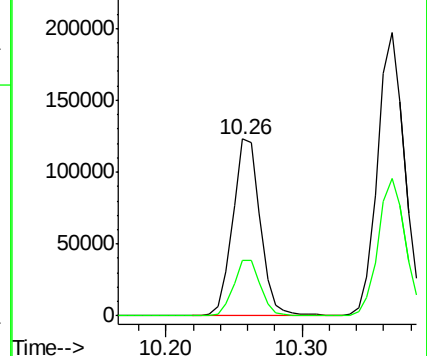
91 100

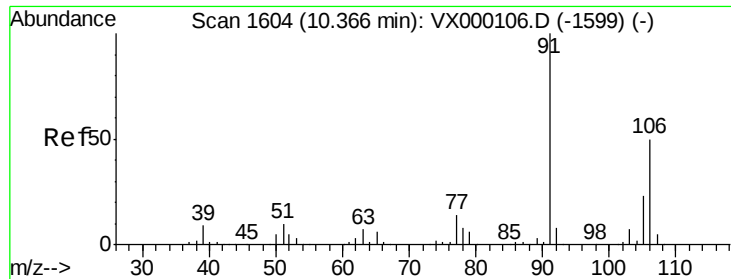
106 31.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

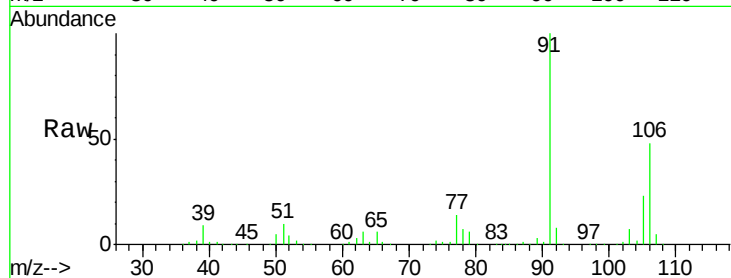




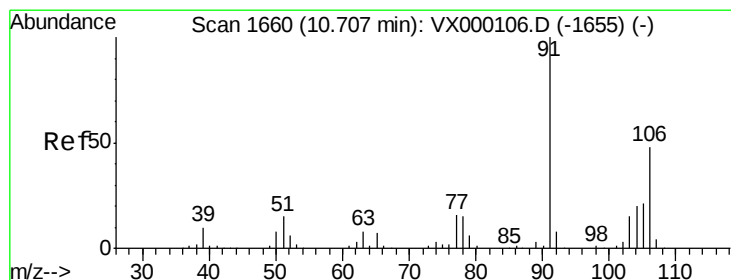
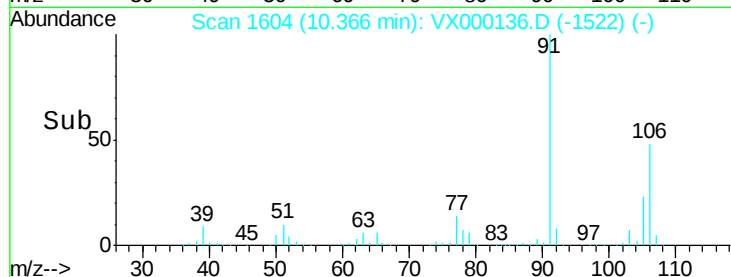
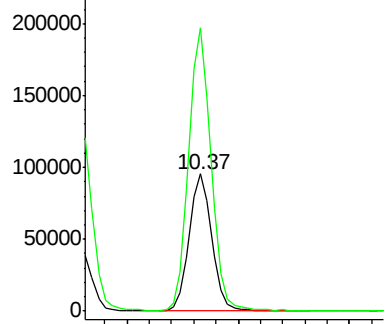
#67
m/p-Xylenes
Concen: 42.60 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Instrument :
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 135031
Ion Ratio Lower Upper
106 100
91 204.1 161.6 242.4

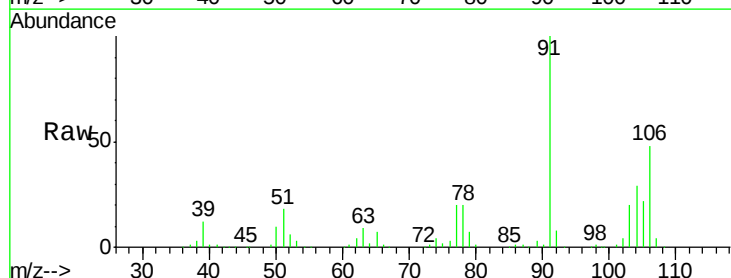


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

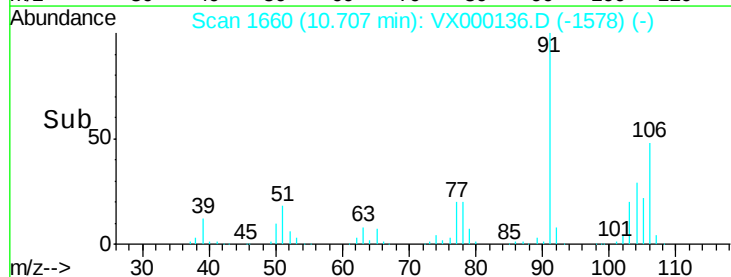
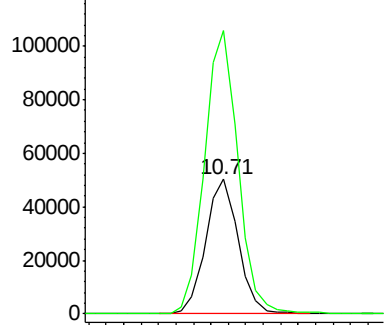


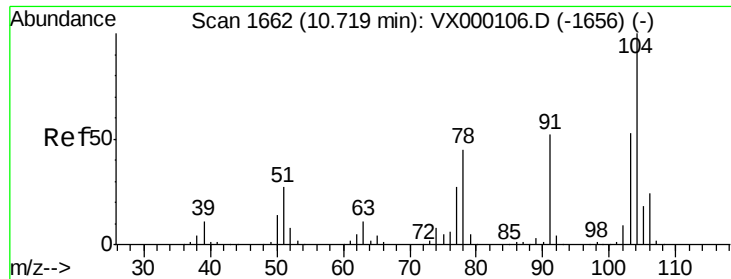
#68
o-Xylene
Concen: 21.29 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion:106 Resp: 65558
Ion Ratio Lower Upper
106 100
91 213.9 105.6 316.8



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

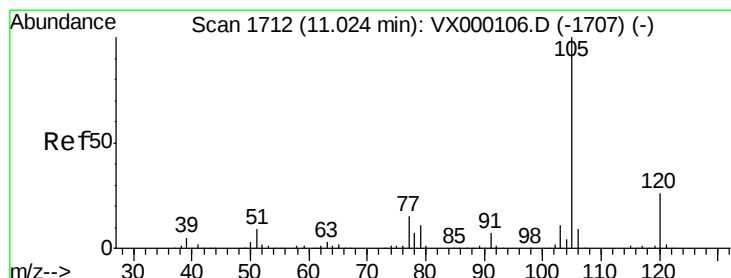
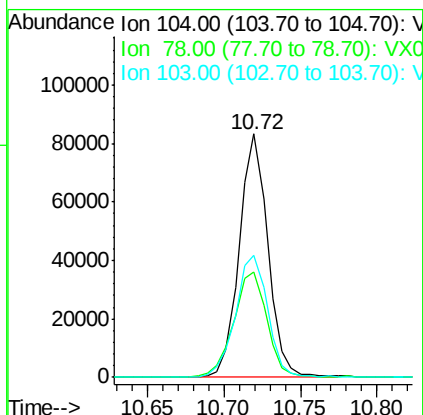
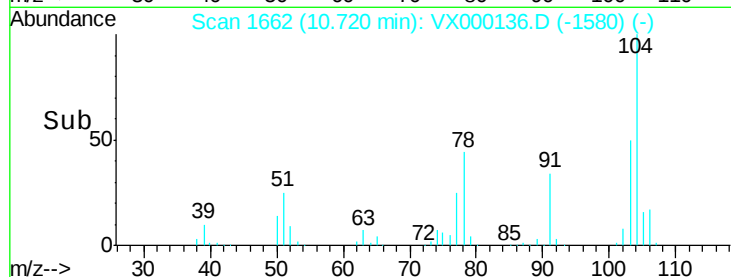
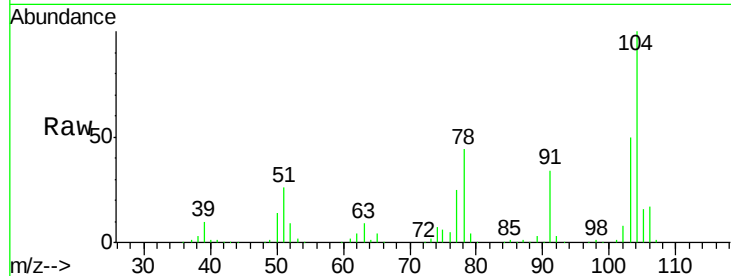




#69
Styrene
Concen: 21.25 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

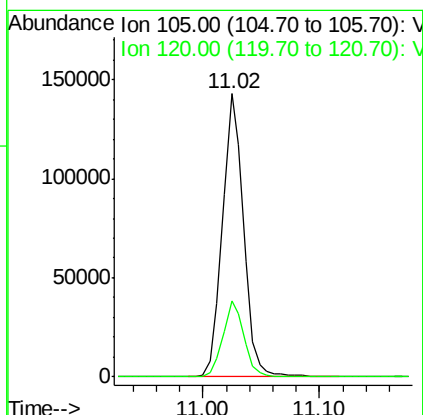
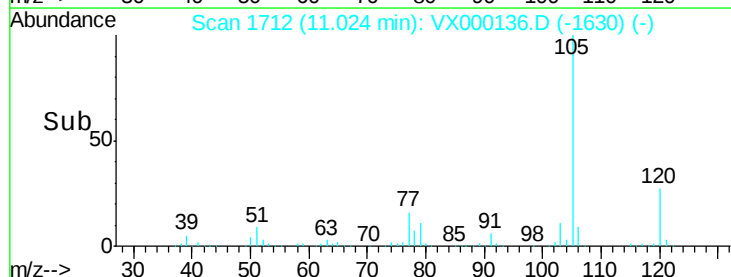
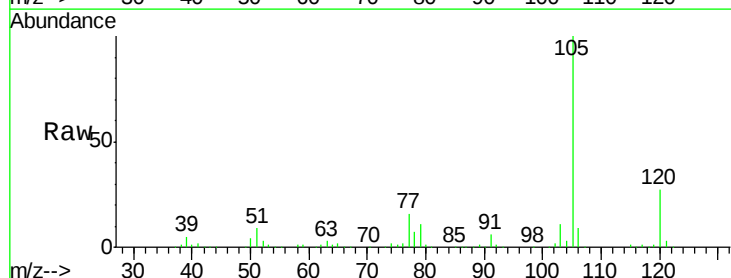
Instrument :
ClientSampleId :
VSTDCCC020

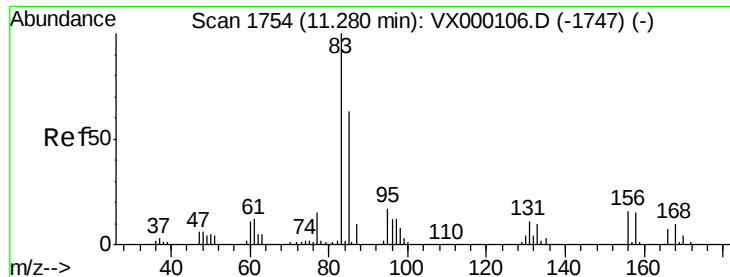
Tgt Ion:104 Resp: 108357
Ion Ratio Lower Upper
104 100
78 50.4 39.0 58.4
103 56.3 44.7 67.1



#70
Isopropylbenzene
Concen: 21.52 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion:105 Resp: 179128
Ion Ratio Lower Upper
105 100
120 26.8 18.8 35.0

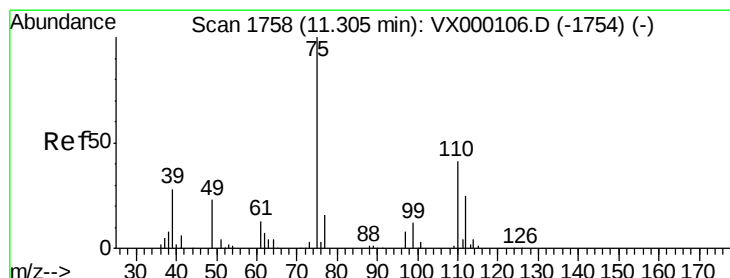
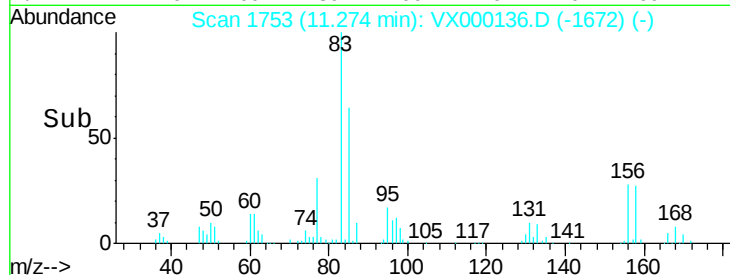
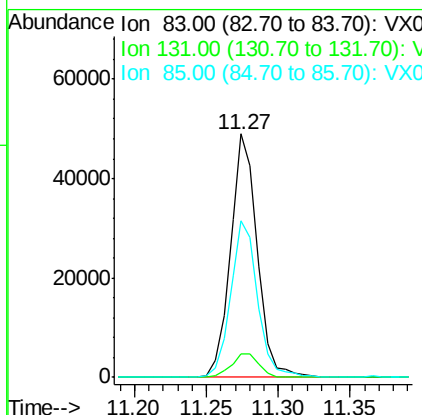
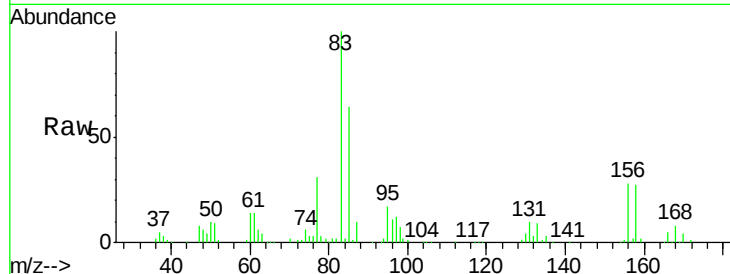




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.28 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

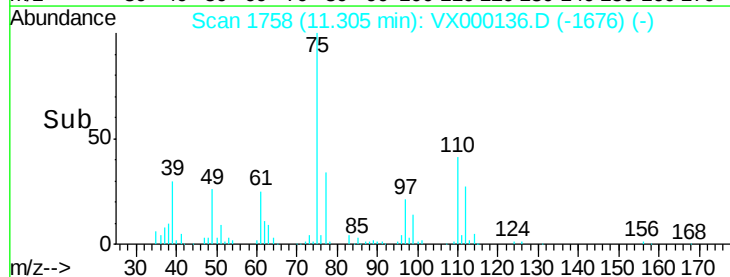
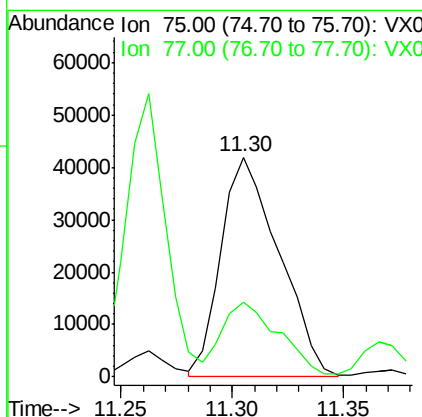
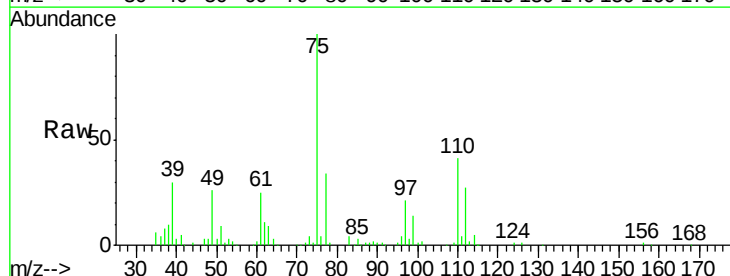
Instrument :
 ClientSampled :
 VSTDCCC020

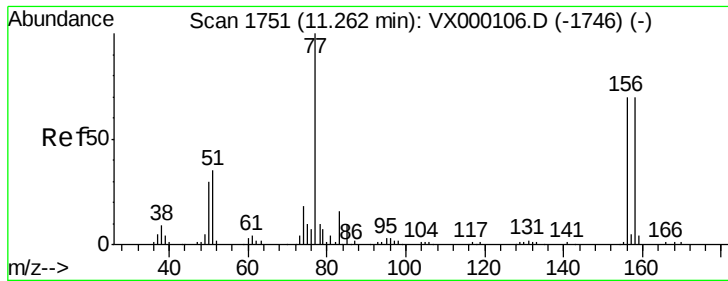
Tgt Ion: 83 Resp: 63812
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 16.1
 85 64.6 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 29.64 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 75 Resp: 76126
 Ion Ratio Lower Upper
 75 100
 77 33.5 0.0 85.8

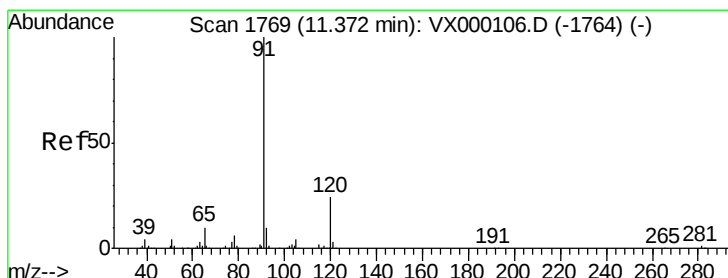
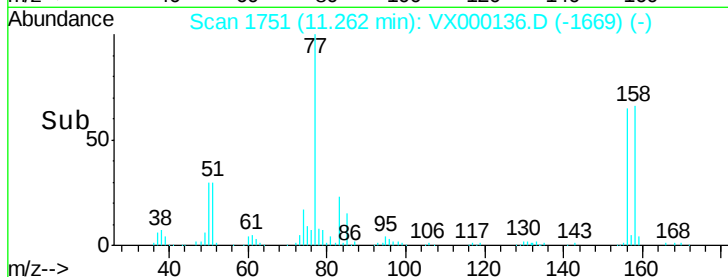
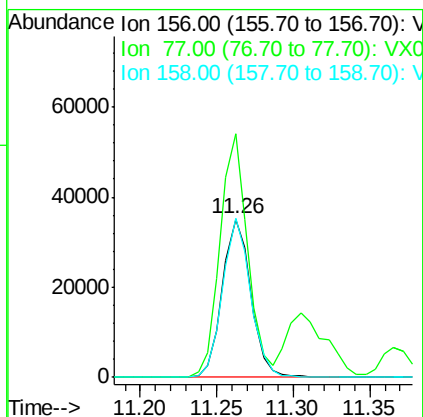
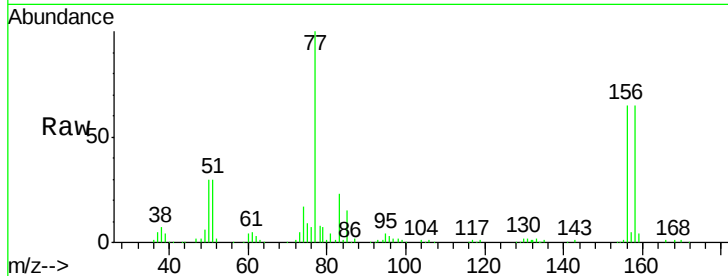




#73
Bromobenzene
Concen: 20.89 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

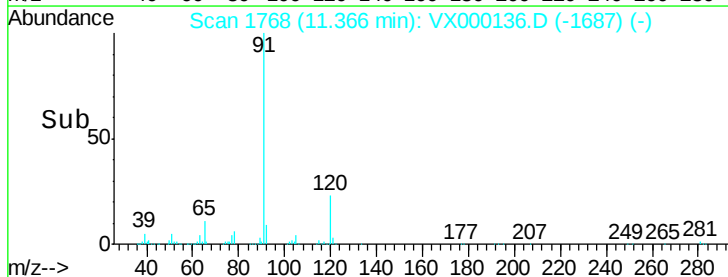
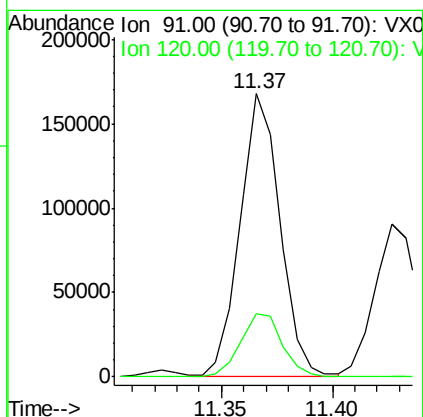
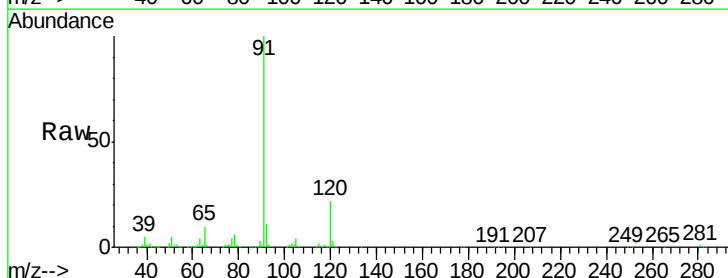
Instrument :
ClientSampleId :
VSTDCCC020

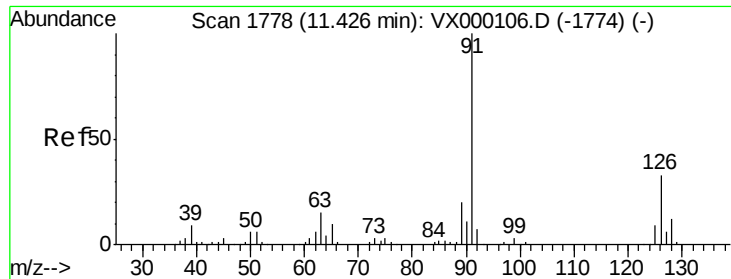
Tgt Ion:156 Resp: 45589
Ion Ratio Lower Upper
156 100
77 148.0 0.0 280.2
158 98.2 0.0 197.2



#74
n-propylbenzene
Concen: 21.65 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 91 Resp: 211177
Ion Ratio Lower Upper
91 100
120 23.2 0.0 47.4





#75

2-Chlorotoluene

Concen: 22.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :

ClientSampled :

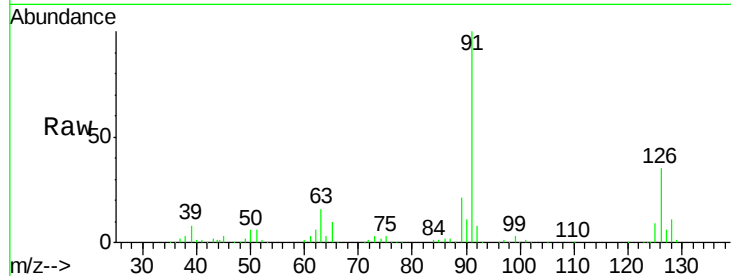
VSTDCCC020

Tgt Ion: 91 Resp: 123378

Ion Ratio Lower Upper

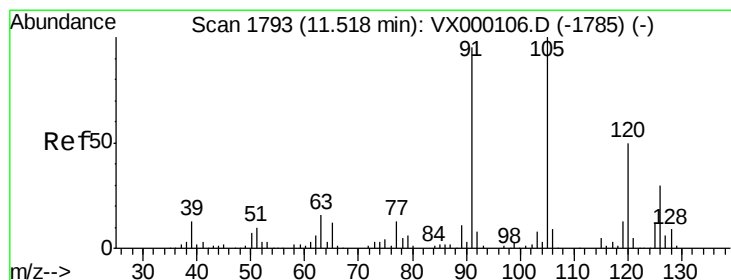
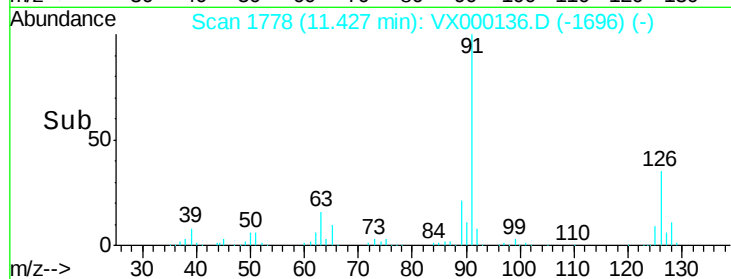
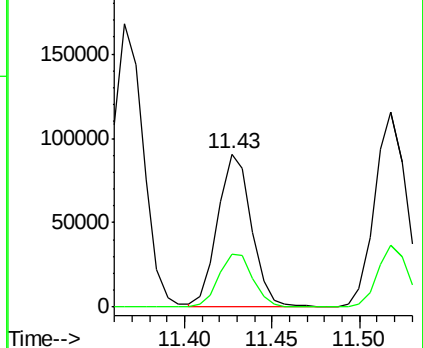
91 100

126 34.7 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000136.D

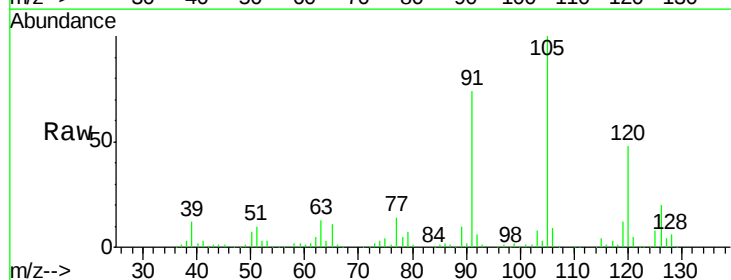
Acq: 23 Feb 2018 15:59

Tgt Ion: 105 Resp: 152602

Ion Ratio Lower Upper

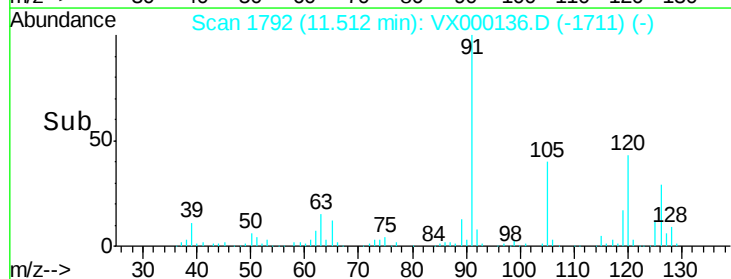
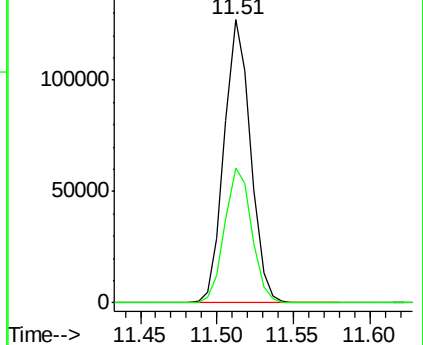
105 100

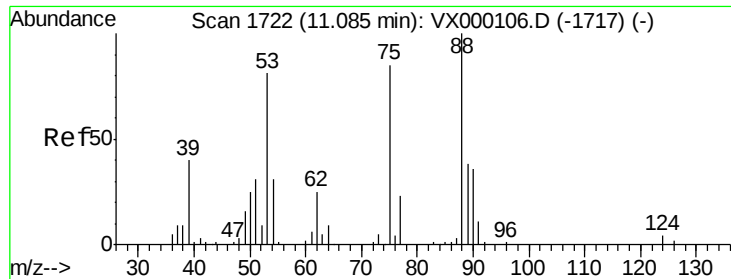
120 48.6 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

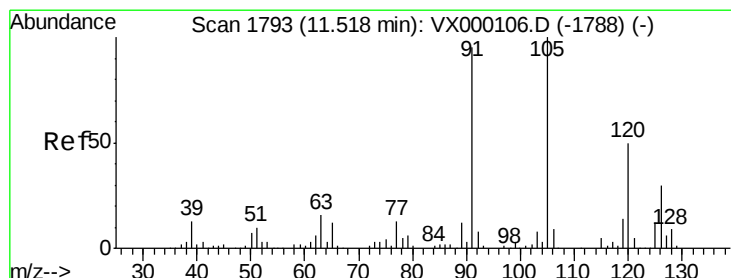
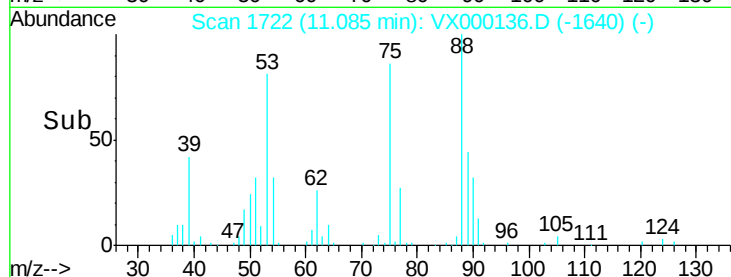
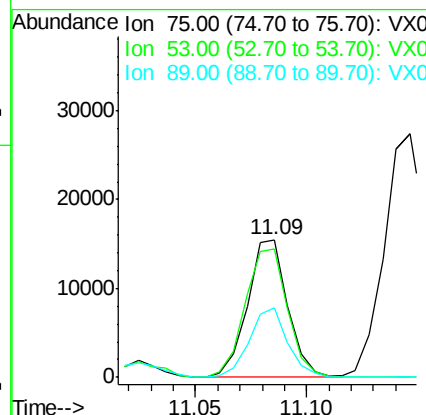
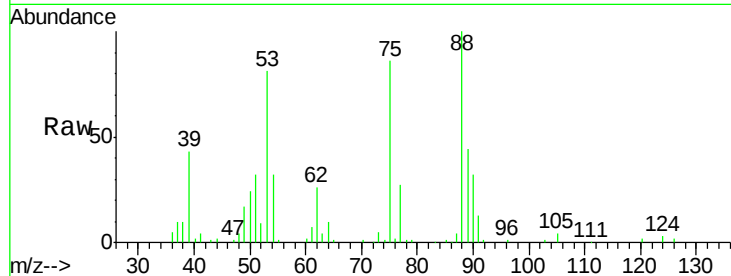




#77
t-1,4-Dichloro-2-butene
Concen: 21.45 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

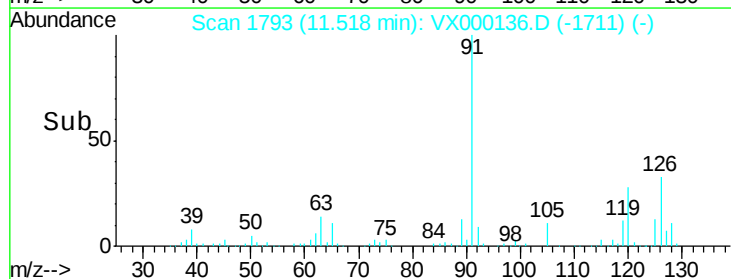
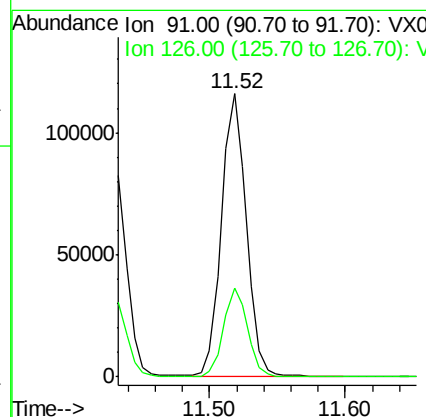
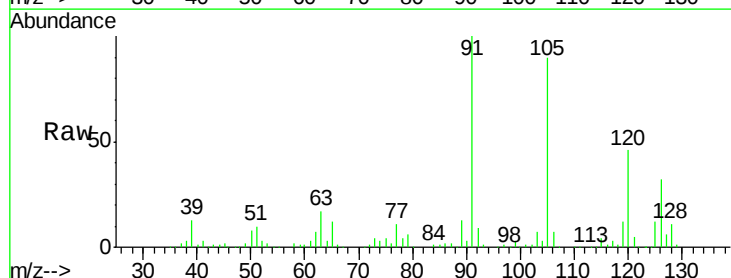
Instrument :
ClientSampleId :
VSTDCCC020

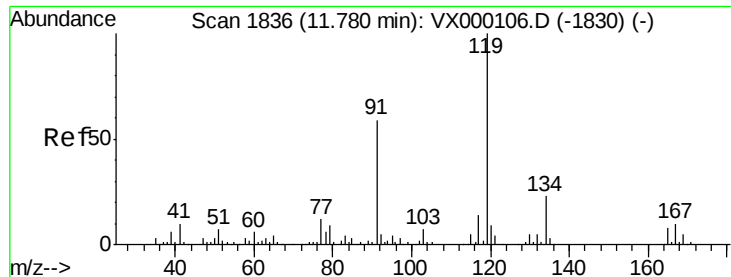
Tgt Ion: 75 Resp: 19481
Ion Ratio Lower Upper
75 100
53 94.5 47.8 143.3
89 51.0 22.3 66.8



#78
4-Chlorotoluene
Concen: 21.98 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 91 Resp: 147672
Ion Ratio Lower Upper
91 100
126 30.3 0.0 63.4

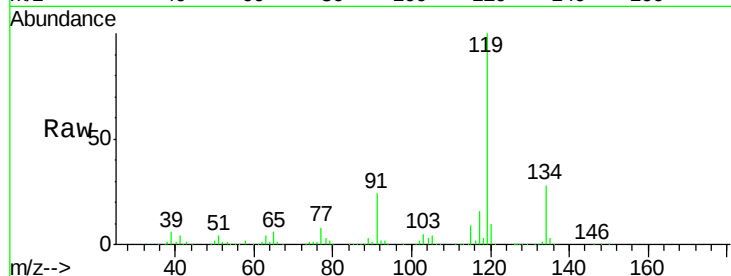




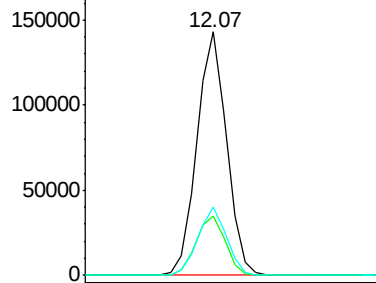
#79
tert-butylbenzene
Concen: 24.01 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Instrument :
ClientSampleId :
VSTDCCC020

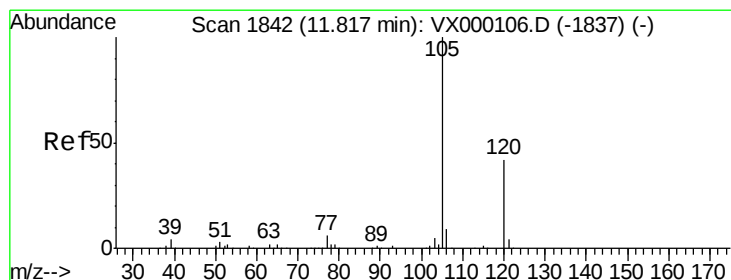
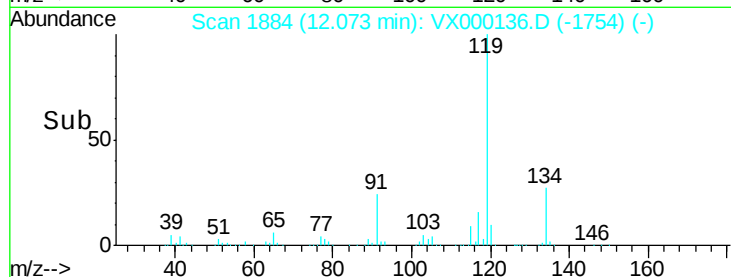
Tgt Ion:119 Resp: 168553
Ion Ratio Lower Upper
119 100
91 24.4 0.0 51.6
134 27.1 0.0 60.2



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

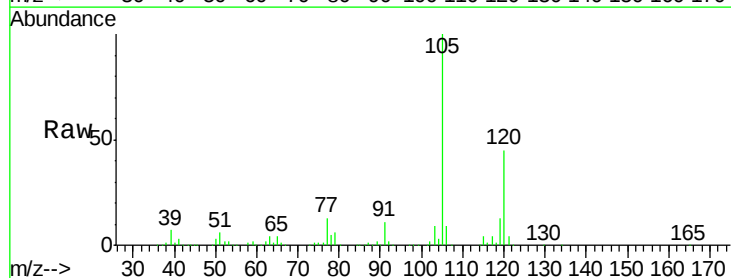


Time--> 12.00 12.05 12.10 12.15

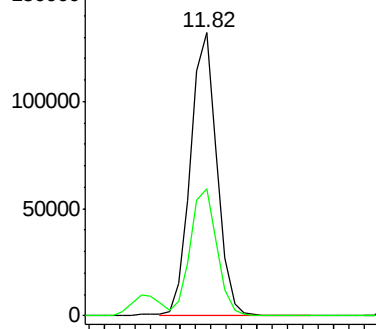


#80
1,2,4-Trimethylbenzene
Concen: 21.90 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

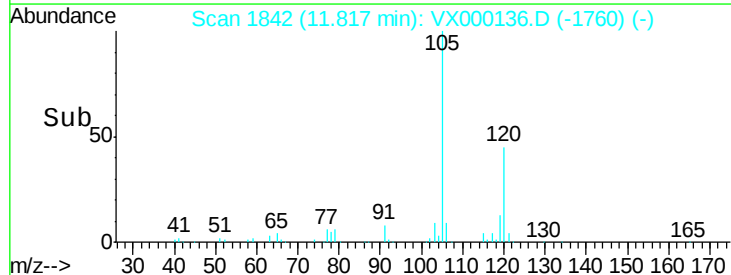
Tgt Ion:105 Resp: 157600
Ion Ratio Lower Upper
105 100
120 45.6 0.0 93.0

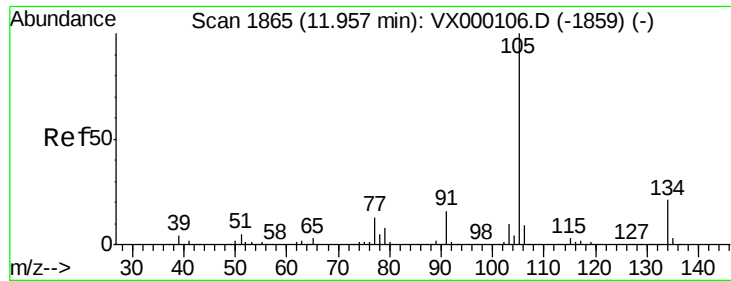


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time--> 11.75 11.80 11.85 11.90

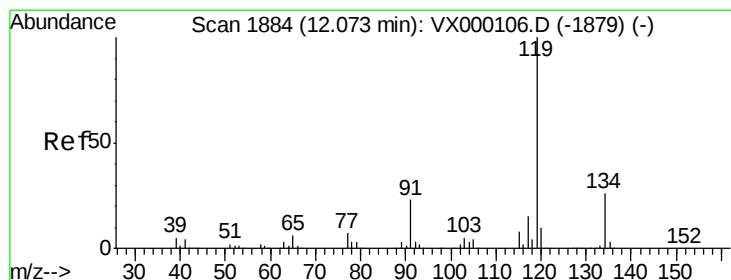
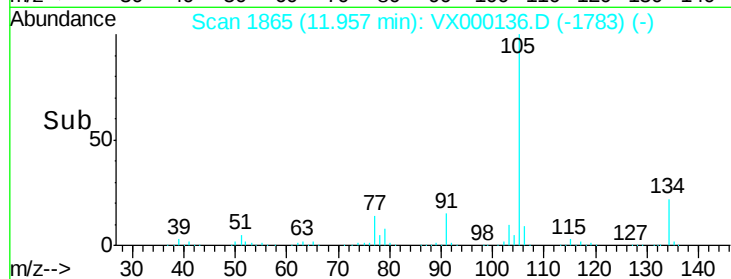
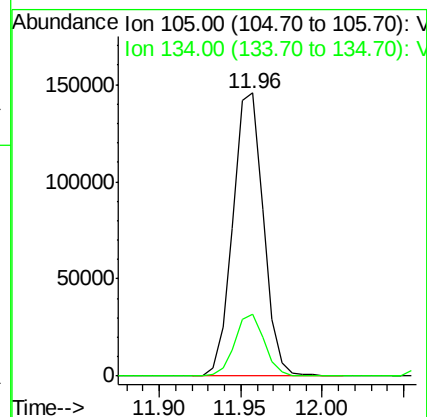
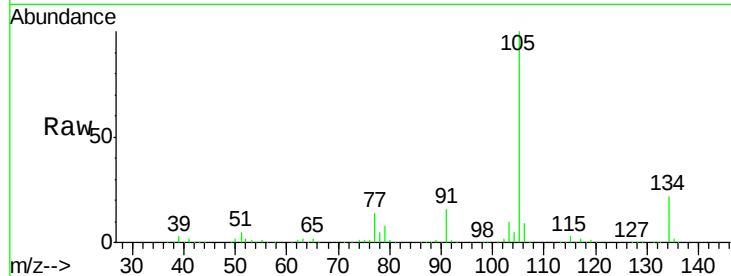




#81
 sec-Butylbenzene
 Concen: 21.84 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

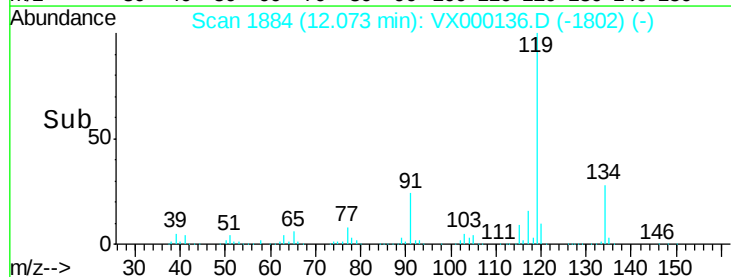
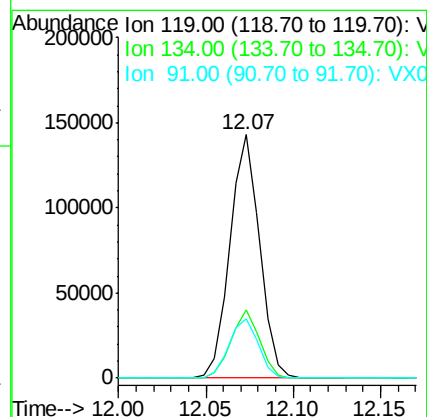
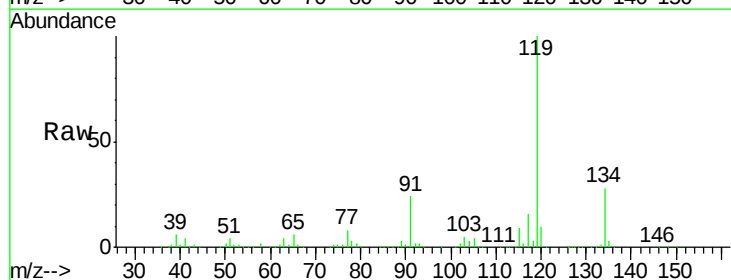
Instrument :
 ClientSampleId :
 VSTDCCC020

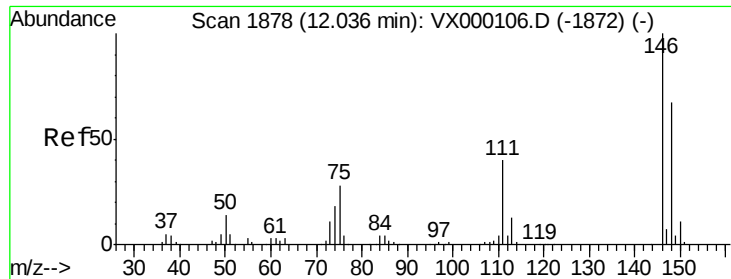
Tgt Ion:105 Resp: 189575
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 21.77 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion:119 Resp: 168553
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.4
 91 24.4 0.0 46.6

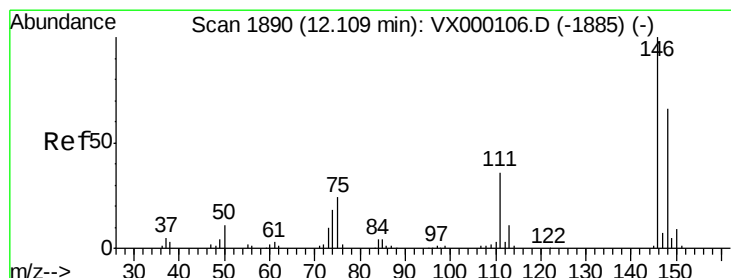
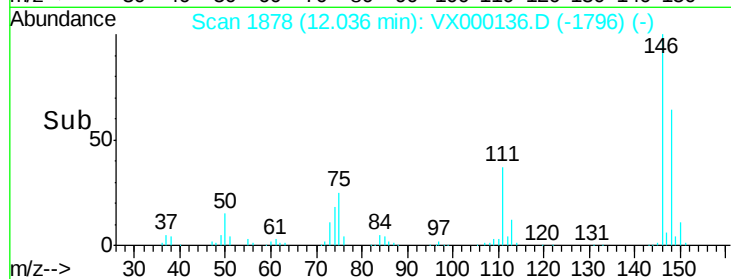
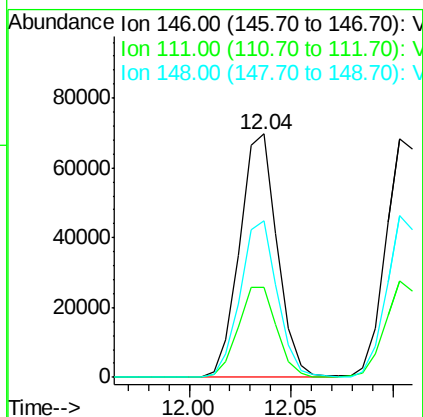
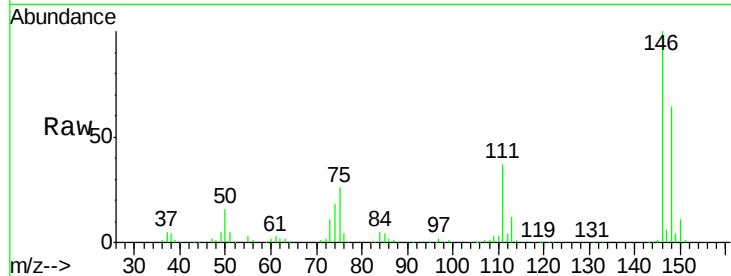




#83
 1,3-Dichlorobenzene
 Concen: 21.48 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

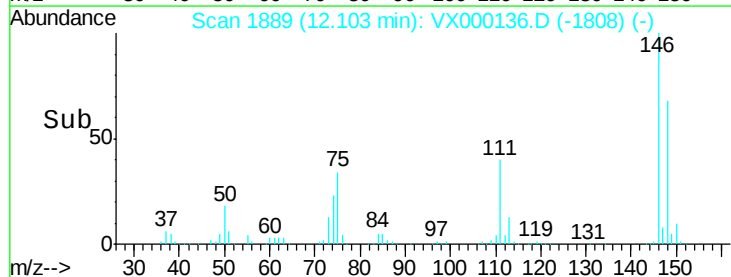
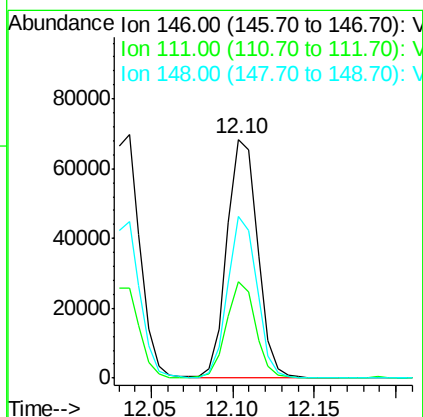
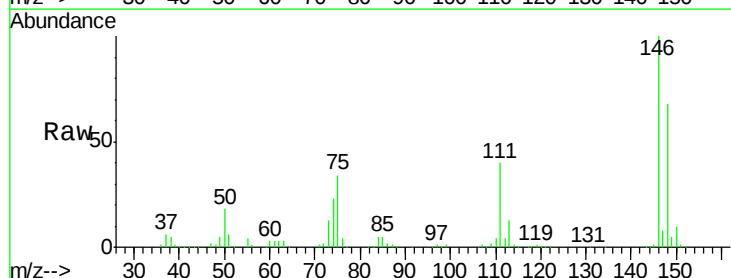
Instrument :
 ClientSampled :
 VSTDCCC020

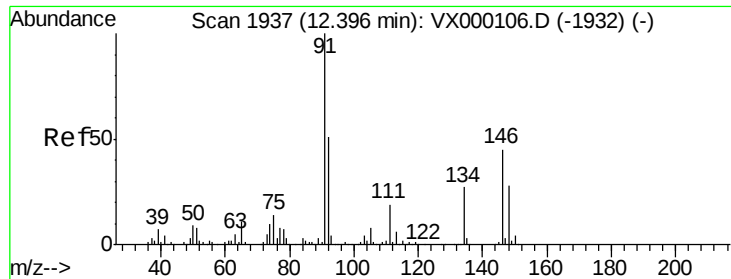
Tgt Ion:146 Resp: 89253
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.2
 148 63.4 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 20.69 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion:146 Resp: 89588
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.4 55.0
 148 64.7 31.9 95.7

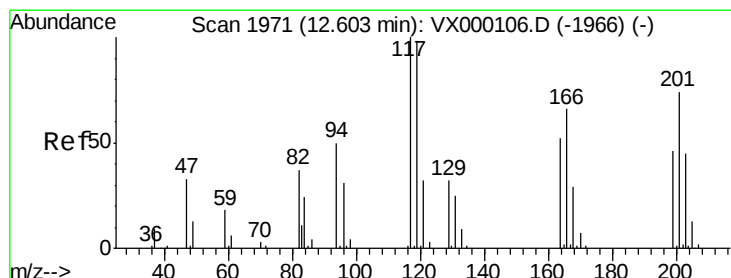
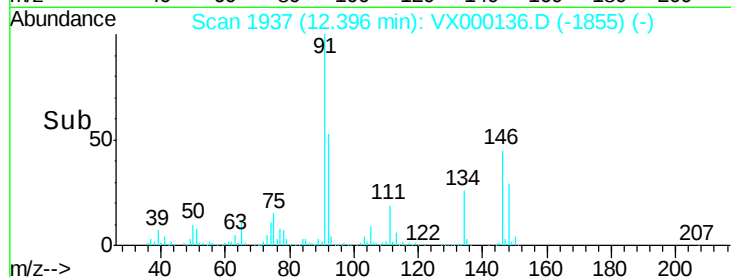
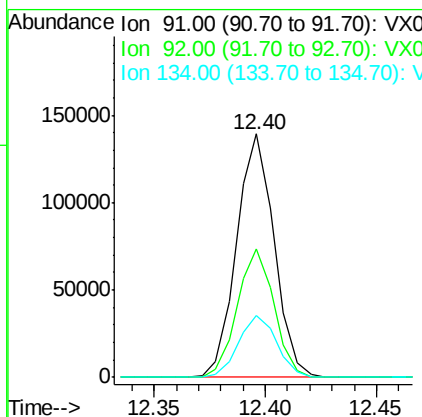
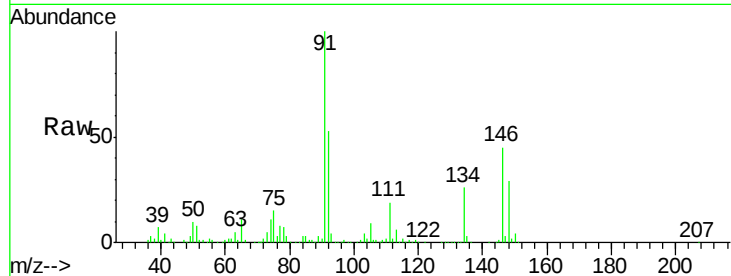




#85
n-Butylbenzene
Concen: 22.47 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

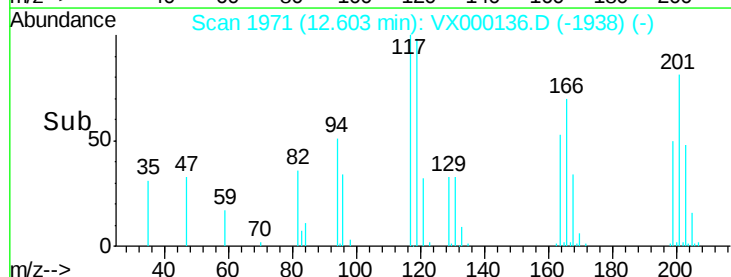
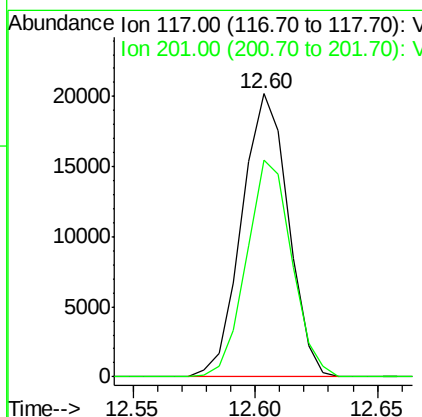
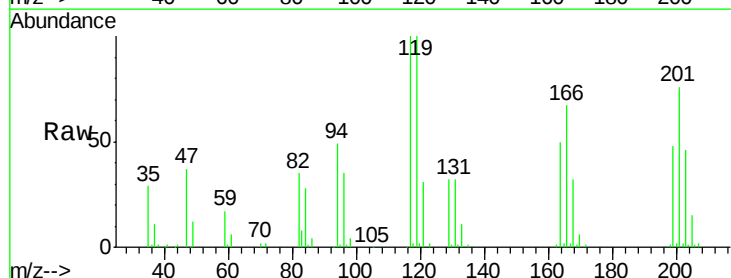
Instrument :
ClientSampleId :
VSTDCCC020

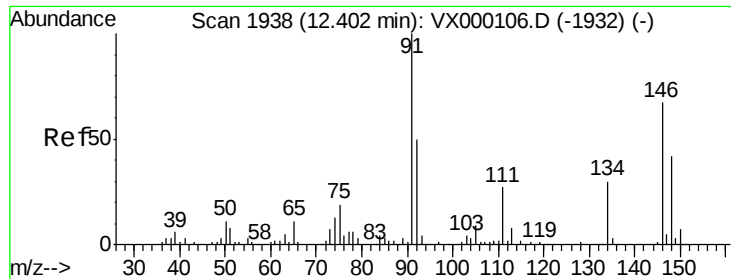
Tgt Ion: 91 Resp: 163128
Ion Ratio Lower Upper
91 100
92 51.6 0.0 102.0
134 25.8 0.0 54.2



#86
Hexachloroethane
Concen: 20.67 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000136.D
Acq: 23 Feb 2018 15:59

Tgt Ion: 117 Resp: 26735
Ion Ratio Lower Upper
117 100
201 74.7 38.9 116.6

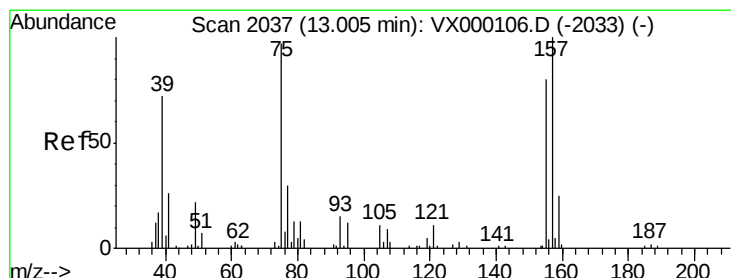
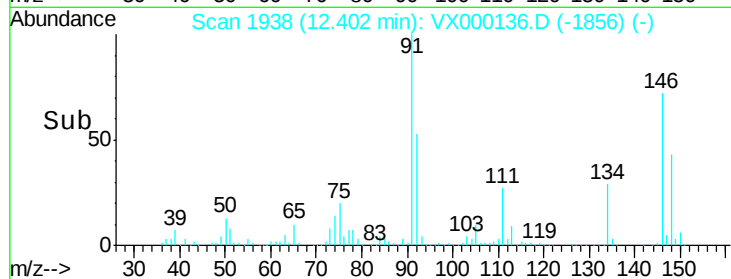
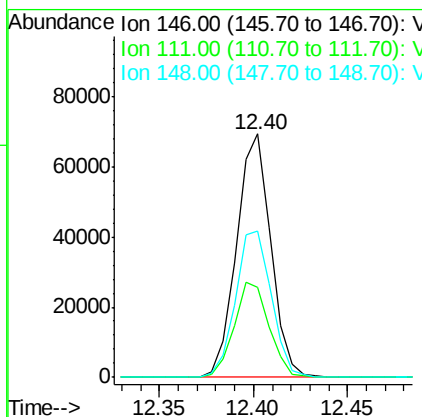
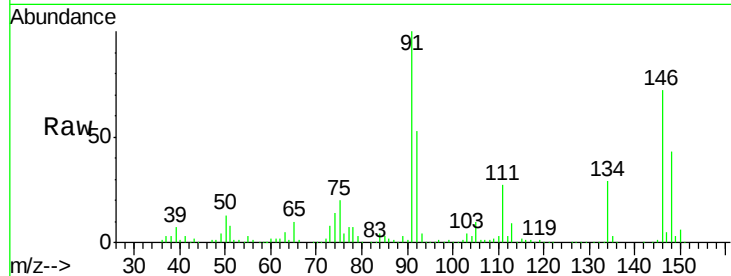




#87
 1,2-Dichlorobenzene
 Concen: 21.21 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

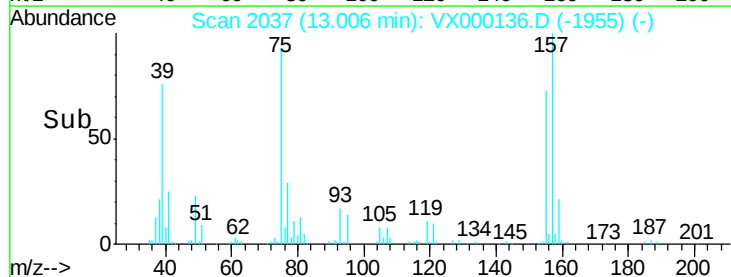
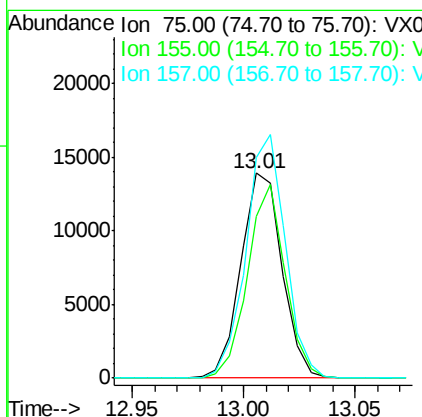
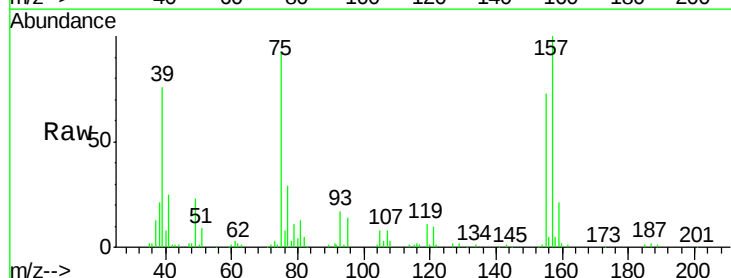
Instrument :
 ClientSampled :
 VSTDCCC020

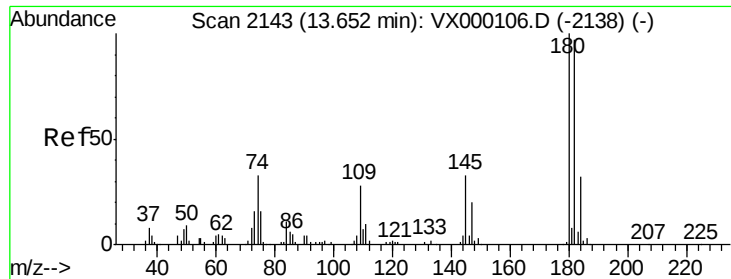
Tgt Ion: 146 Resp: 87316
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.0 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.45 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion: 75 Resp: 17975
 Ion Ratio Lower Upper
 75 100
 155 86.4 75.1 112.7
 157 113.6 99.0 148.4

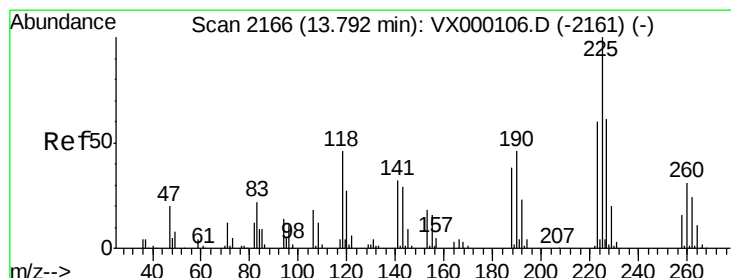
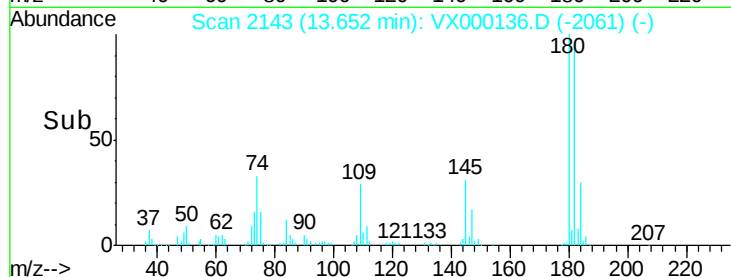
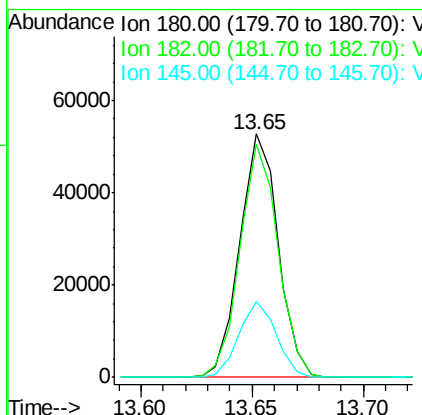
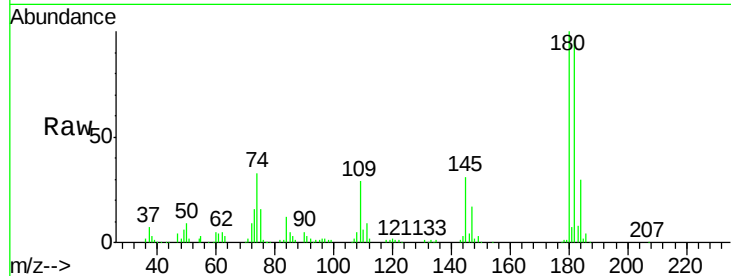




#89
 1,2,4-Trichlorobenzene
 Concen: 21.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

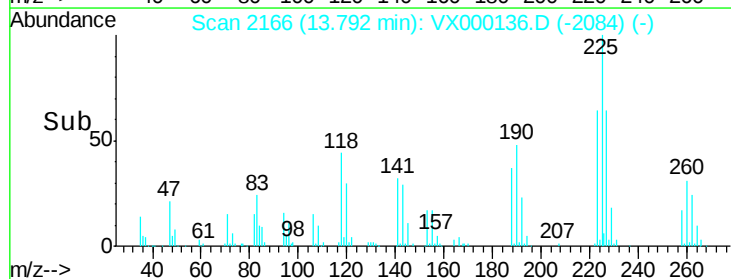
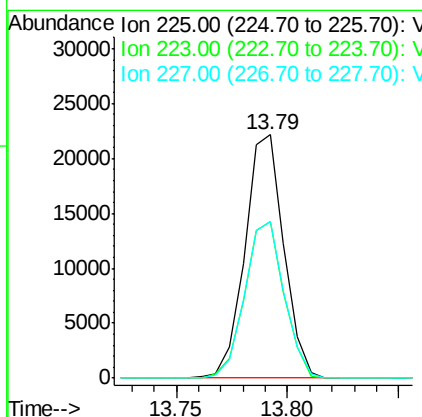
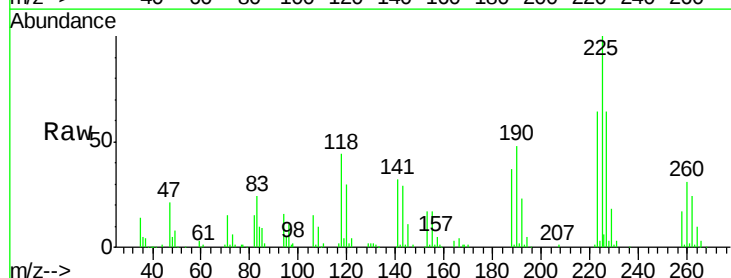
Instrument :
 ClientSampleId :
 VSTDCCC020

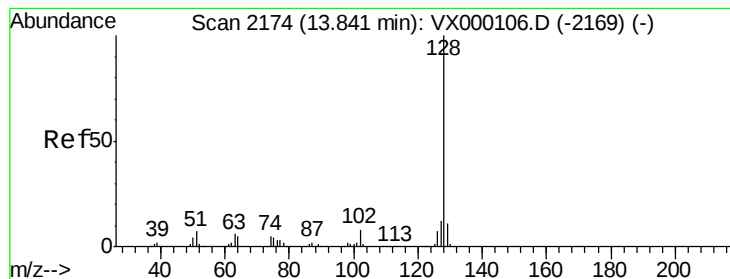
Tgt Ion:180 Resp: 63698
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.3 114.5
 145 30.6 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 20.72 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000136.D
 Acq: 23 Feb 2018 15:59

Tgt Ion:225 Resp: 26995
 Ion Ratio Lower Upper
 225 100
 223 64.7 0.0 131.2
 227 65.1 0.0 127.6





#91

Naphthalene

Concen: 21.84 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

Instrument :

ClientSampleId :

VSTDCCC020

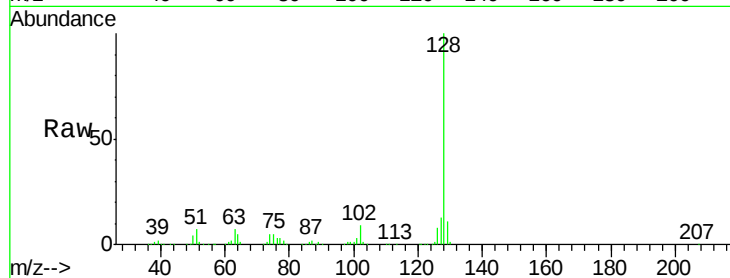
Tgt Ion:128 Resp: 230738

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

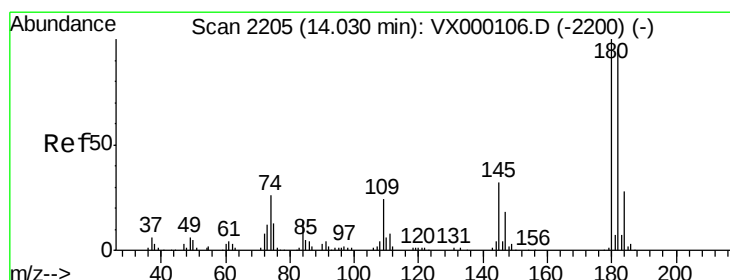
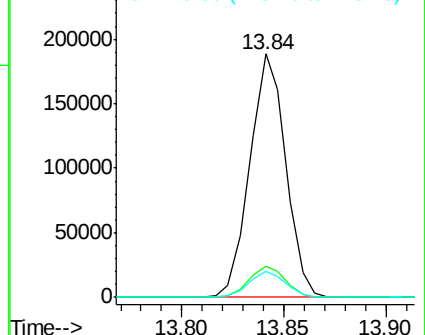
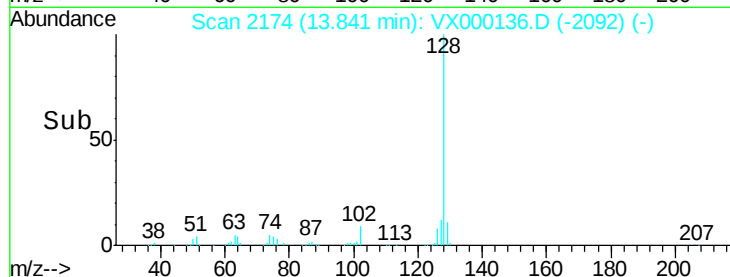
129 10.8 9.0 13.6



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



#92

1,2,3-Trichlorobenzene

Concen: 20.73 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000136.D

Acq: 23 Feb 2018 15:59

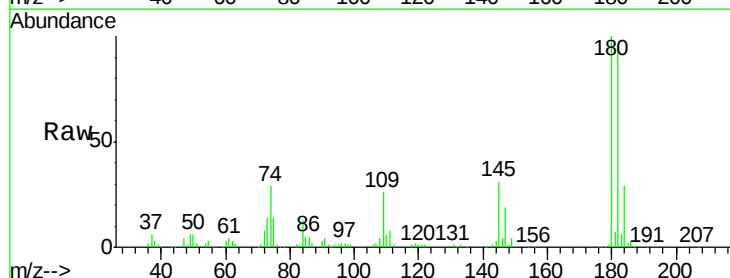
Tgt Ion:180 Resp: 63022

Ion Ratio Lower Upper

180 100

182 96.0 0.0 188.6

145 32.3 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

