

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX021318\
 Data File : VX000073.D
 Acq On : 13 Feb 2018 12:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDCCC050

Quant Time: Feb 14 02:45:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	116842	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65409	48.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.51	113	57436	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	8.73	98	217371	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.15	95	89594	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	56577	48.12	ug/l	97
3) Chloromethane	1.32	50	55624	46.46	ug/l	95
4) Vinyl Chloride	1.41	62	65381	48.46	ug/l	100
5) Bromomethane	1.64	94	49731	69.01	ug/l	96
6) Chloroethane	1.72	64	41468	51.12	ug/l	98
7) Trichlorofluoromethane	1.93	101	113096	48.11	ug/l	98
8) Diethyl Ether	2.20	74	39288	46.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65559	49.36	ug/l	99
10) Methyl Iodide	2.51	142	78577	48.77	ug/l	100
11) Tert butyl alcohol	3.07	59	141620	261.08	ug/l	100
12) 1,1-Dichloroethene	2.38	96	58621	46.57	ug/l	99
13) Acrolein	2.30	56	54537	195.88	ug/l	99
14) Allyl chloride	2.73	41	102078	46.54	ug/l	99
15) Acrylonitrile	3.15	53	235568	249.26	ug/l	100
16) Acetone	2.45	43	215964	269.09	ug/l	98
17) Carbon Disulfide	2.57	76	170277	46.43	ug/l	99
18) Methyl Acetate	2.78	43	109835	54.28	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	206260	47.88	ug/l	99
20) Methylene Chloride	2.86	84	64965	48.34	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	63695	47.01	ug/l	98
22) Diisopropyl ether	3.88	45	189431	52.30	ug/l	99
23) Vinyl Acetate	3.83	43	906061	276.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108147	48.03	ug/l	99
25) 2-Butanone	4.71	43	323973	267.46	ug/l	98
26) 2,2-Dichloropropane	4.59	77	92805	48.10	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62122	46.78	ug/l	97
28) Bromochloromethane	5.03	49	35169	47.11	ug/l	92
29) Tetrahydrofuran	5.18	42	217157	261.63	ug/l	99
30) Chloroform	5.23	83	111227	49.01	ug/l	98
31) Cyclohexane	5.59	56	89741	48.52	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	104825	49.07	ug/l	98
36) 1,1-Dichloropropene	5.81	75	85071	48.07	ug/l	98
37) Ethyl Acetate	4.87	43	113257	49.56	ug/l	99
38) Carbon Tetrachloride	5.79	117	96472	48.55	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	107754	50.15	ug/l	99
40) Benzene	6.15	78	239576	47.90	ug/l	99
41) Methacrylonitrile	5.07	41	58709	50.01	ug/l	99
42) 1,2-Dichloroethane	6.21	62	89480	50.08	ug/l	99
43) Isopropyl Acetate	6.48	43	171407	49.74	ug/l	99
44) Trichloroethene	7.22	130	74945	48.42	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61805	50.82	ug/l	96
46) Dibromomethane	7.67	93	47448	50.55	ug/l	95
47) Bromodichloromethane	7.90	83	90543	49.61	ug/l	97
48) Methyl methacrylate	7.79	41	83521	49.38	ug/l	99
49) 1,4-Dioxane	7.77	88	45123	1001.55	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	635575	264.71	ug/l	99
52) Toluene	8.79	92	170162	50.64	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	107898	50.53	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	109031	52.54	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	70953	50.36	ug/l	96
56) Ethyl methacrylate	9.19	69	111614	51.63	ug/l	99
57) 1,3-Dichloropropane	9.38	76	110181	50.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	269367	252.30	ug/l	99
59) 2-Hexanone	9.51	43	535887	274.42	ug/l	99
60) Dibromochloromethane	9.59	129	85258	52.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79871	51.46	ug/l	100
64) Tetrachloroethene	9.34	164	73930	49.98	ug/l	98
65) Chlorobenzene	10.15	112	202818	49.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	74350	50.07	ug/l	99
67) Ethyl Benzene	10.26	91	339293	49.56	ug/l	100
68) m/p-Xylenes	10.37	106	271480	99.56	ug/l	100
69) o-Xylene	10.71	106	129601	49.24	ug/l	98
70) Styrene	10.72	104	220553	49.61	ug/l	100
71) Bromoform	10.87	173	73524	52.33	ug/l #	99
73) Isopropylbenzene	11.02	105	358501	48.36	ug/l	100
74) N-amyl acetate	6.48	43	171407	46.20	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	119057	47.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	151222	68.72	ug/l	78
77) Bromobenzene	11.26	156	96761	48.10	ug/l	100
78) n-propylbenzene	11.37	91	416661	48.47	ug/l	99
79) 2-Chlorotoluene	11.43	91	238989	48.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	300828	48.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	43529	48.94	ug/l	95
82) 4-Chlorotoluene	11.52	91	288034	48.49	ug/l	100
83) tert-Butylbenzene	11.78	119	303637	48.38	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	311159	48.95	ug/l	99
85) sec-Butylbenzene	11.96	105	376056	48.70	ug/l	100
86) p-Isopropyltoluene	12.07	119	341067	49.12	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	183562	48.43	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	188714	48.65	ug/l	99
89) n-Butylbenzene	12.40	91	318696	49.13	ug/l	100
90) Hexachloroethane	12.60	117	59973	49.39	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	176951	47.72	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	34177	47.33	ug/l	98

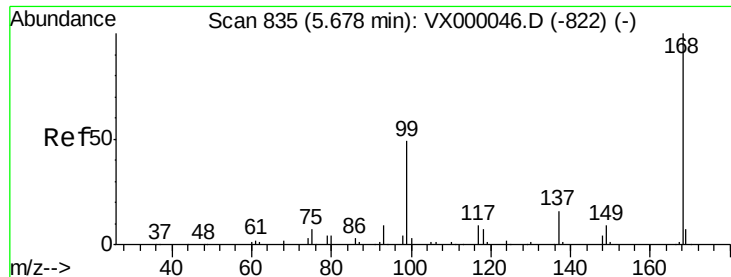
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QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135470	47.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	64707	48.36	ug/l	99
95) Naphthalene	13.84	128	444735	48.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	132549	48.03	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

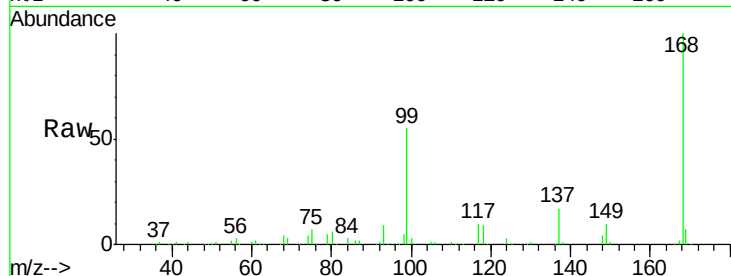
Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion:168 Resp: 129745

Ion Ratio Lower Upper

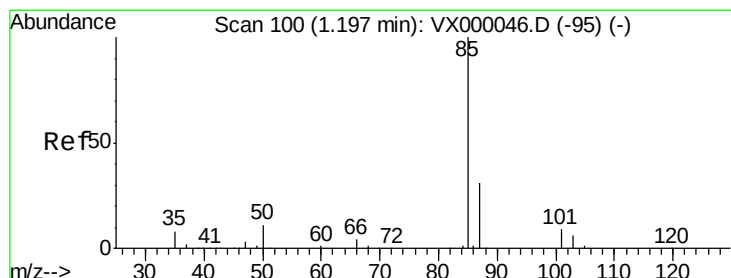
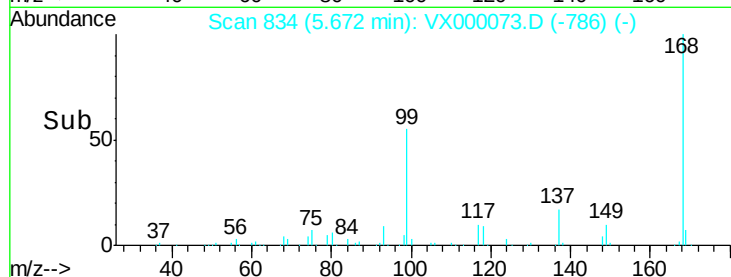
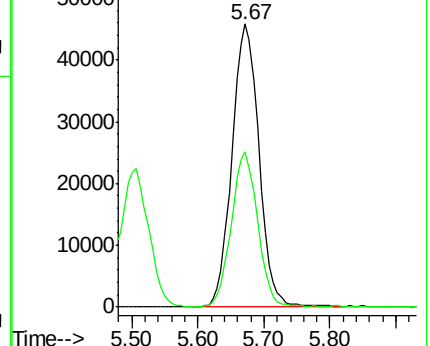
168 100

99 54.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000073.D

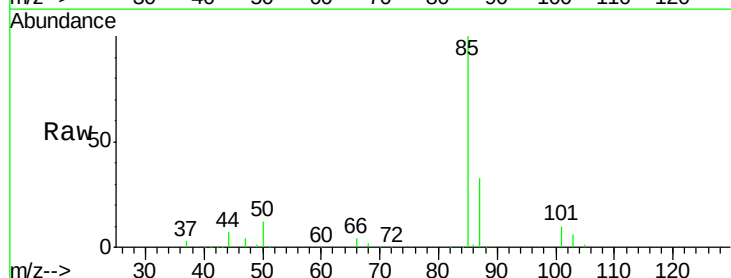
Acq: 13 Feb 2018 12:37

Tgt Ion: 85 Resp: 56577

Ion Ratio Lower Upper

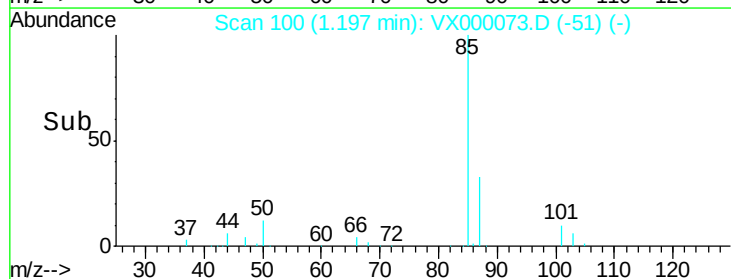
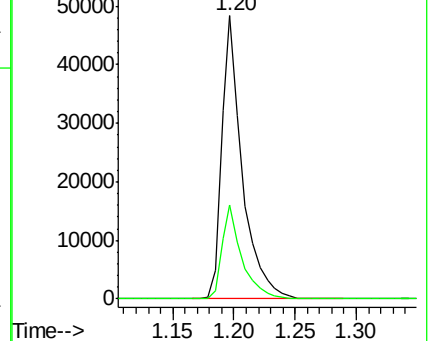
85 100

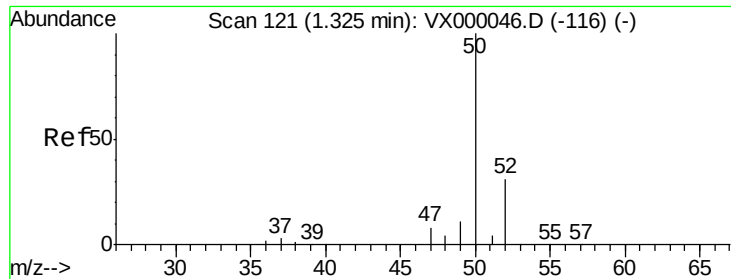
87 33.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

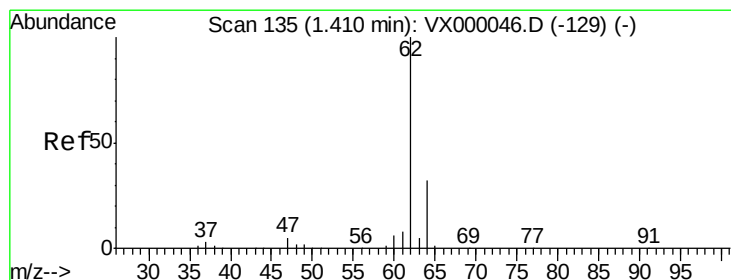
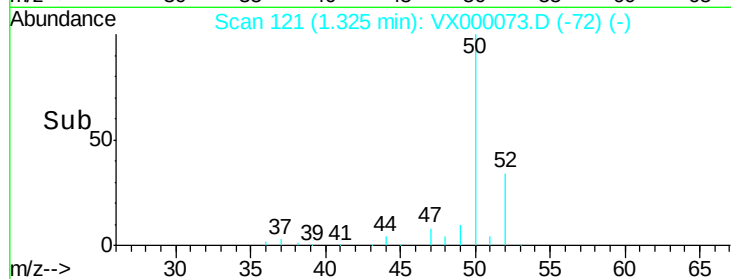
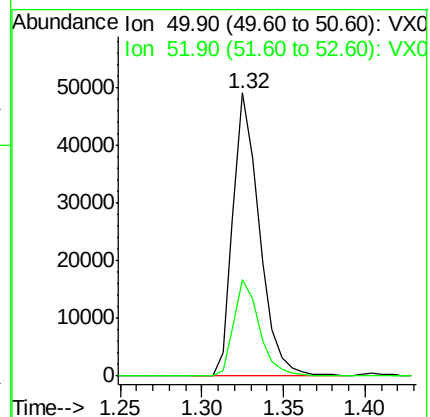
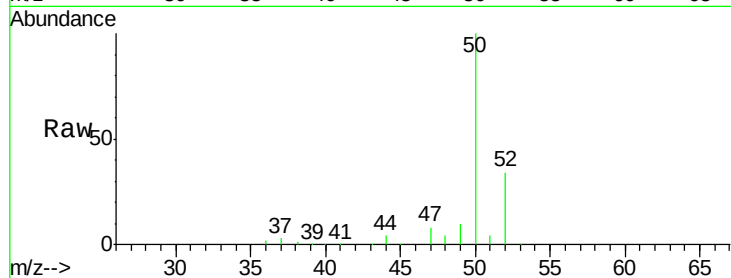
Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion: 50 Resp: 55624

Ion Ratio Lower Upper

50 100

52 34.3 25.0 37.6



#4

Vinyl Chloride

Concen: 48.46 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000073.D

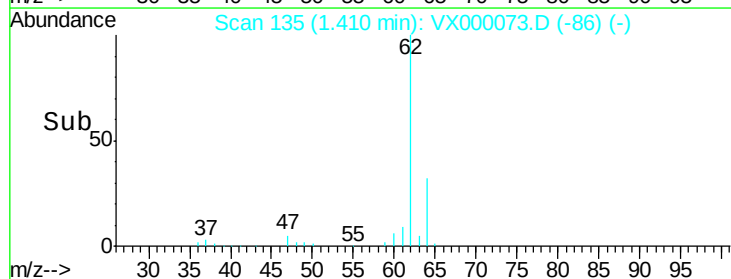
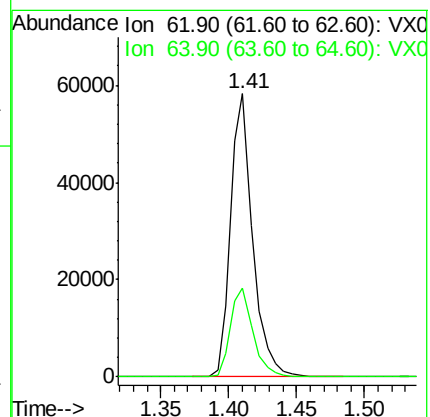
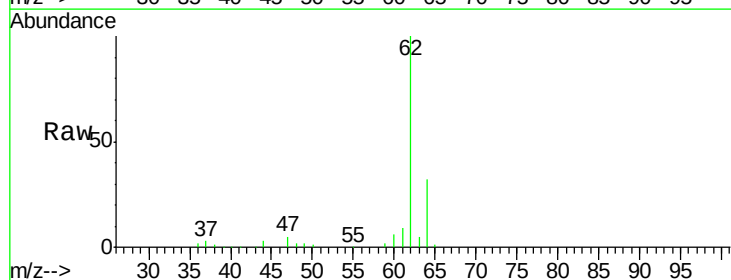
Acq: 13 Feb 2018 12:37

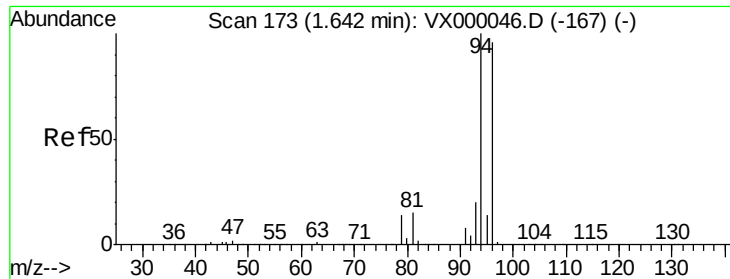
Tgt Ion: 62 Resp: 65381

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 69.01 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

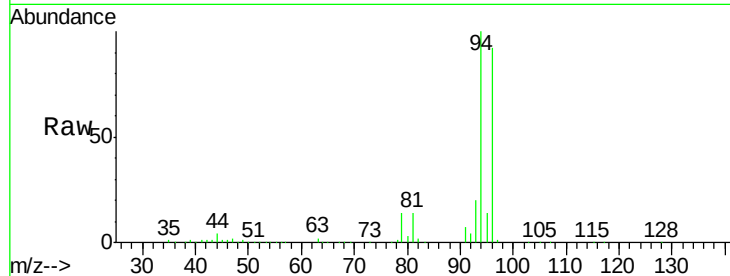
Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 49731

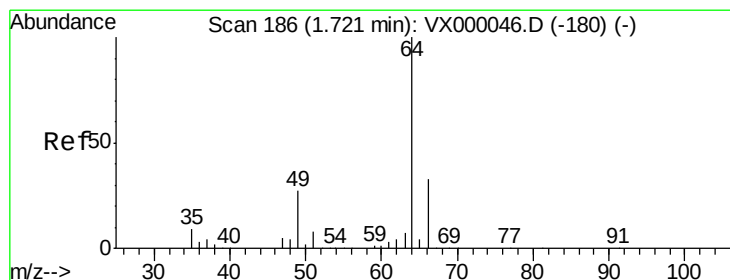
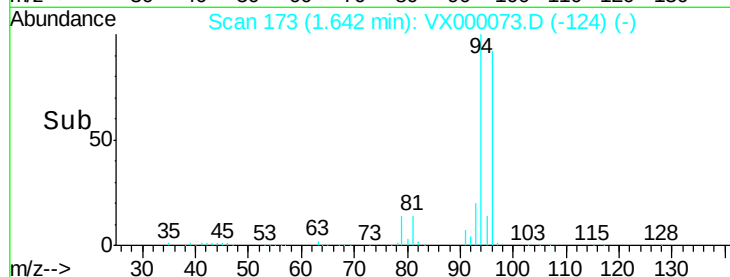
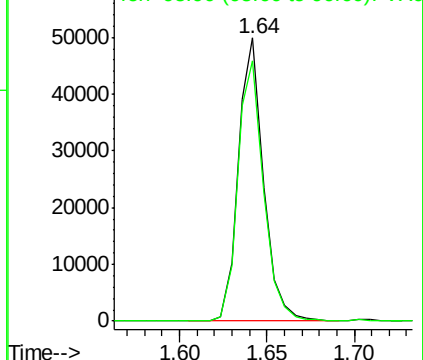
Ion Ratio Lower Upper

94 100

96 92.2 76.7 115.1



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



#6

Chloroethane

Concen: 51.12 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000073.D

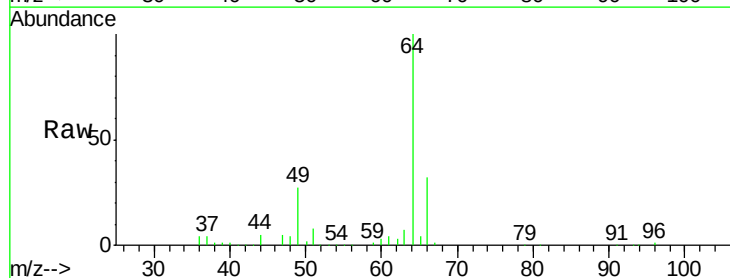
Acq: 13 Feb 2018 12:37

Tgt Ion: 64 Resp: 41468

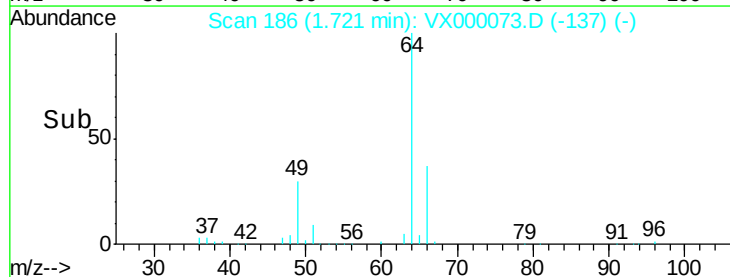
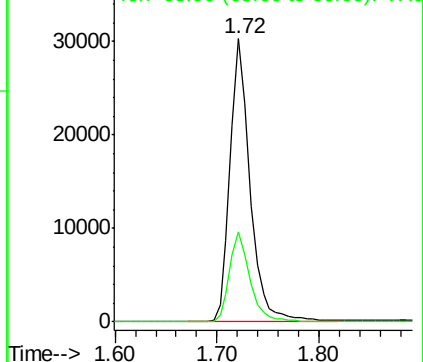
Ion Ratio Lower Upper

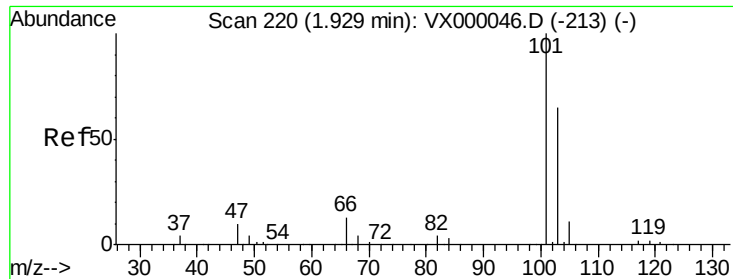
64 100

66 31.7 26.4 39.6



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



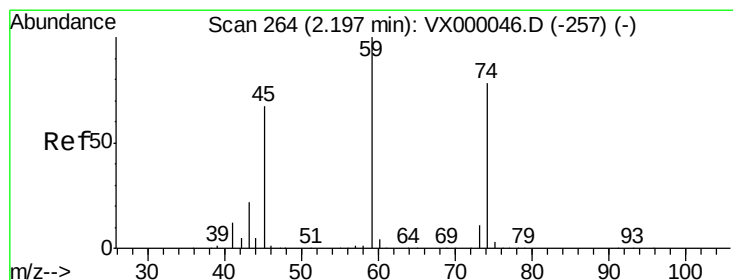
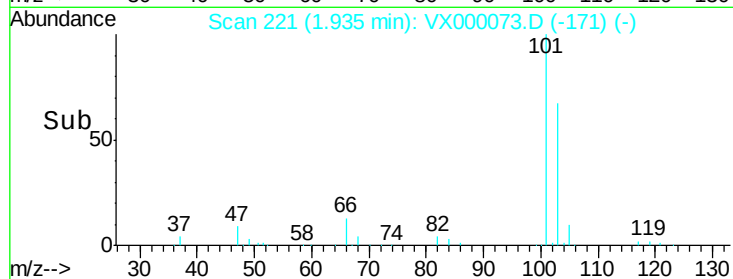
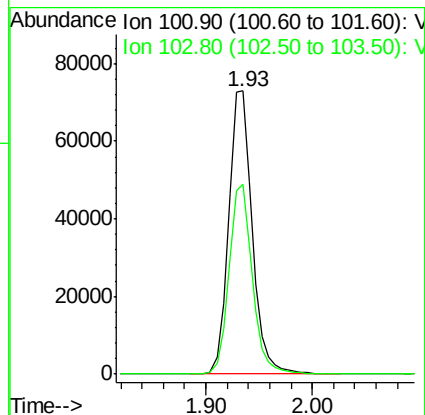
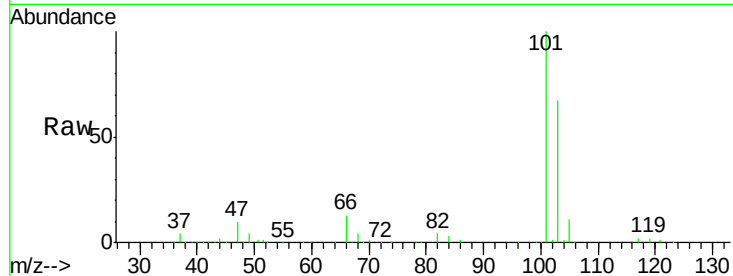


#7

Trichlorofluoromethane
Concen: 48.11 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

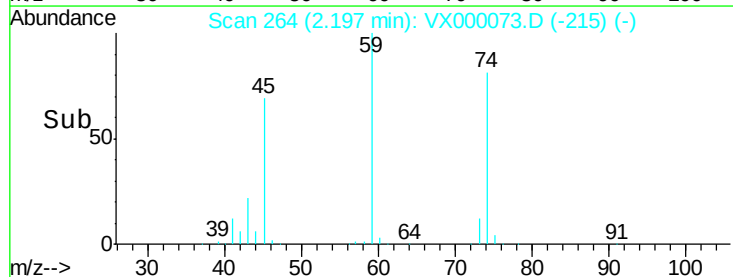
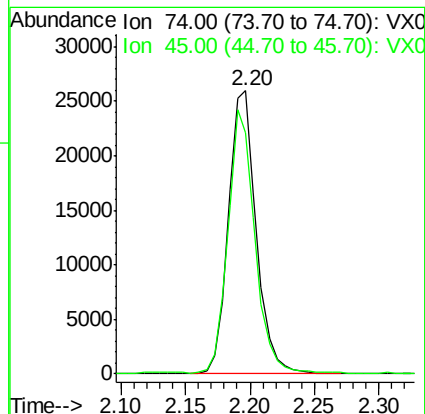
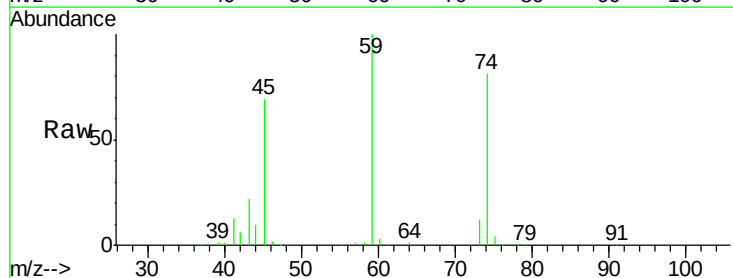
Tgt Ion: 101 Resp: 113096
Ion Ratio Lower Upper
101 100
103 67.3 52.3 78.5

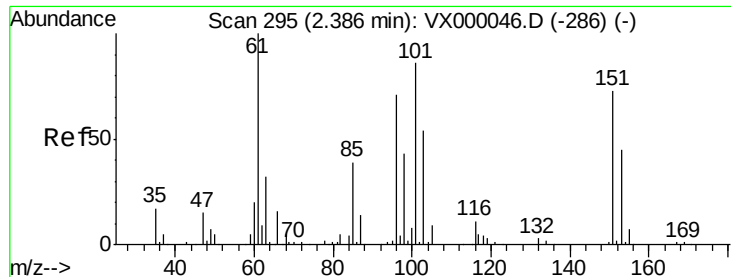


#8

Diethyl Ether
Concen: 46.16 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 74 Resp: 39288
Ion Ratio Lower Upper
74 100
45 90.0 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.36 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

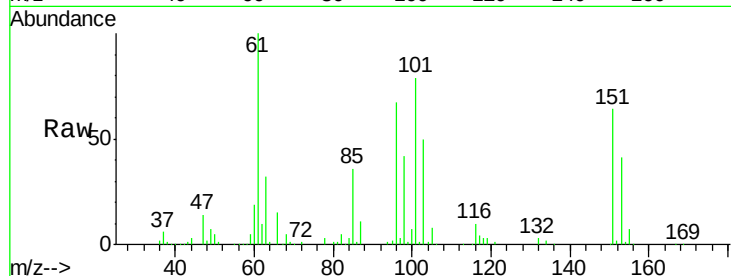
Tgt Ion:101 Resp: 65559

Ion Ratio Lower Upper

101 100

85 45.6 36.6 54.8

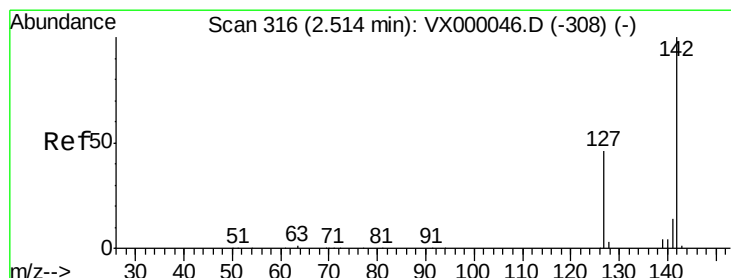
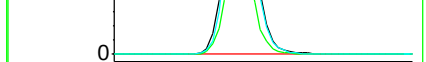
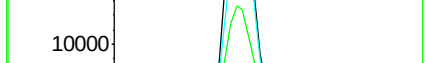
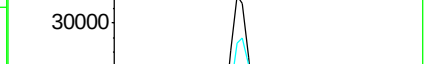
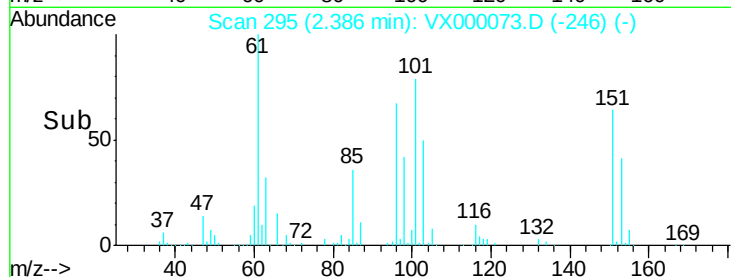
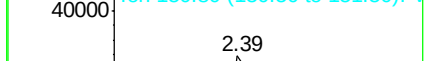
151 84.3 68.8 103.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.77 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

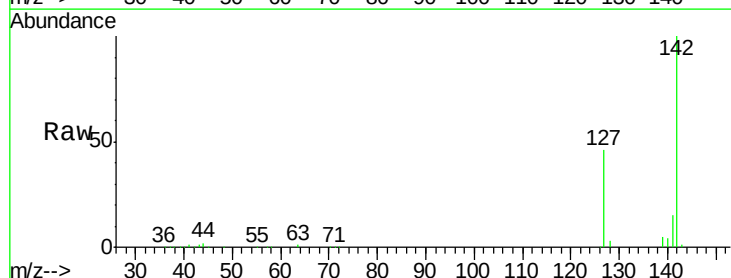
Tgt Ion:142 Resp: 78577

Ion Ratio Lower Upper

142 100

127 46.1 36.8 55.2

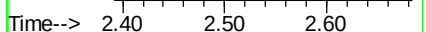
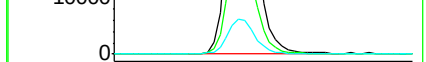
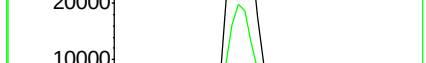
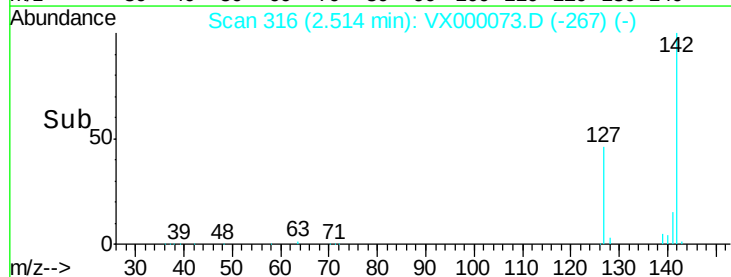
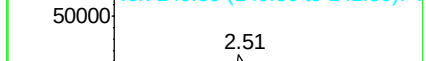
141 14.8 11.4 17.0

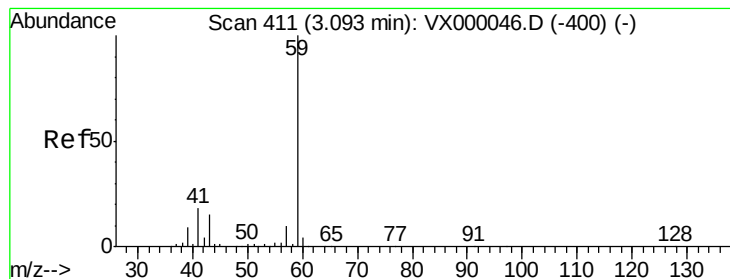


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



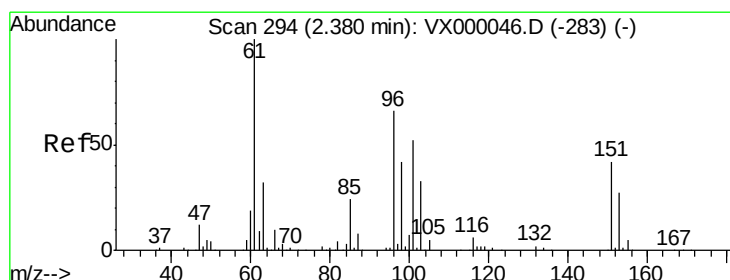
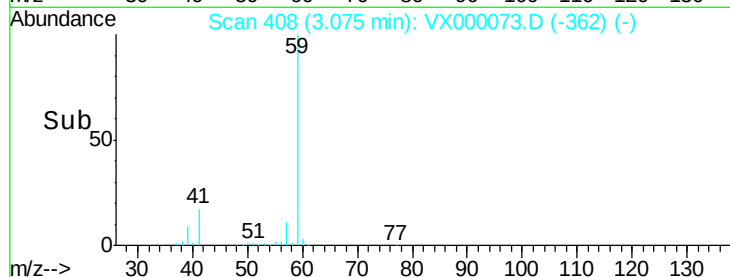
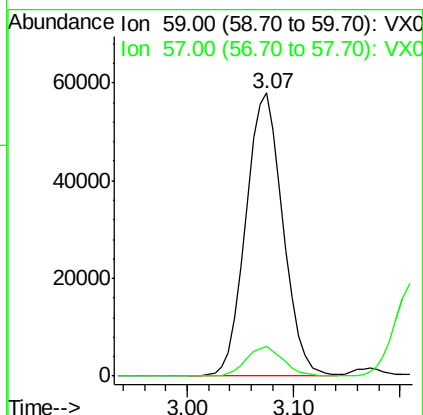
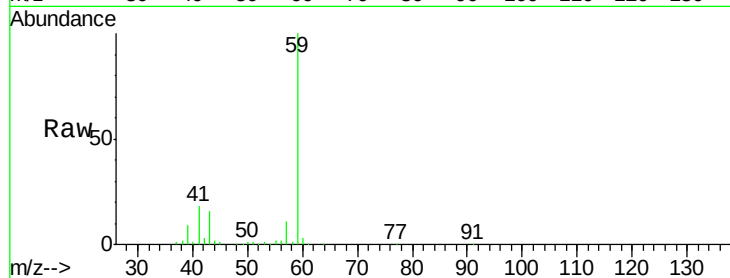


#11

Tert butyl alcohol
 Concen: 261.08 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampleId :
 VSTDCCC050

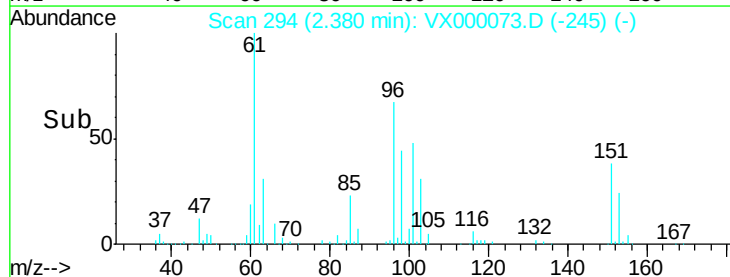
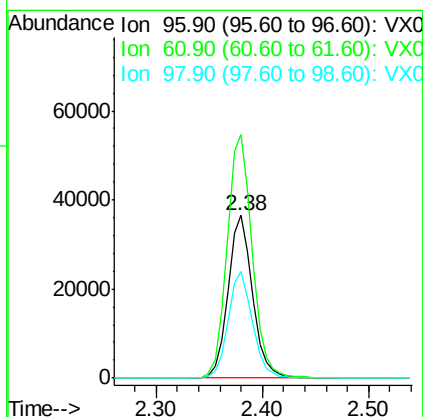
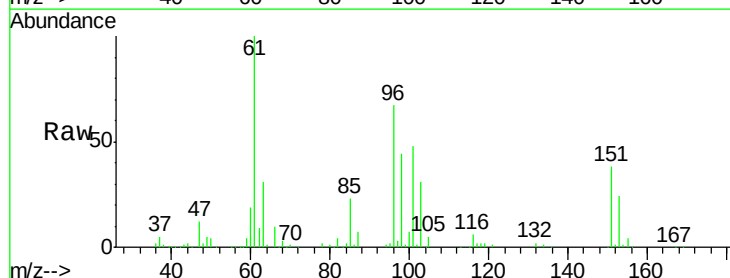
Tgt Ion: 59 Resp: 141620
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

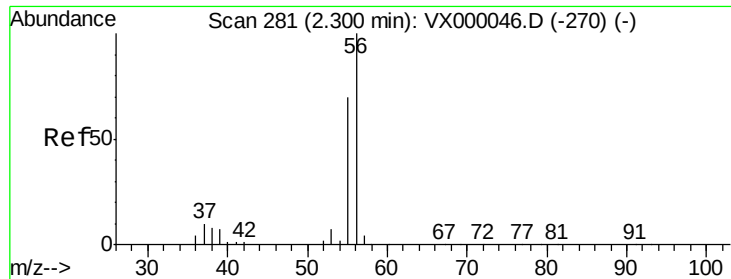


#12

1,1-Dichloroethene
 Concen: 46.57 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 96 Resp: 58621
 Ion Ratio Lower Upper
 96 100
 61 150.0 120.3 180.5
 98 65.6 51.0 76.4

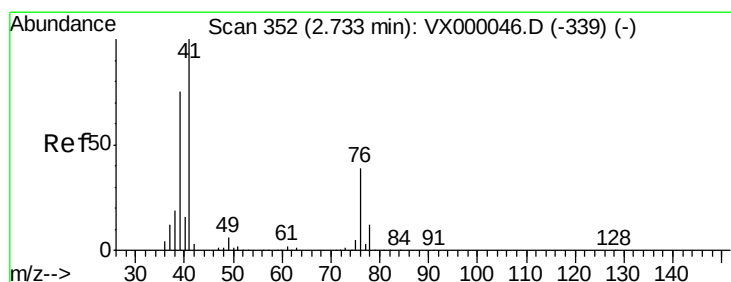
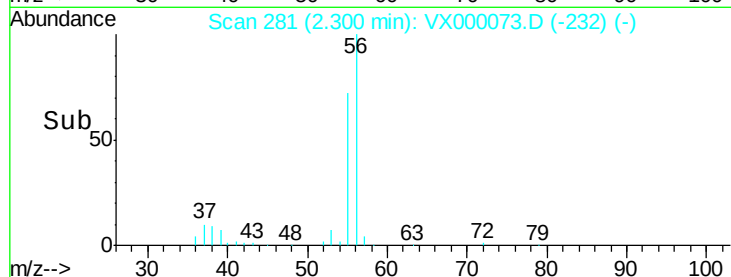
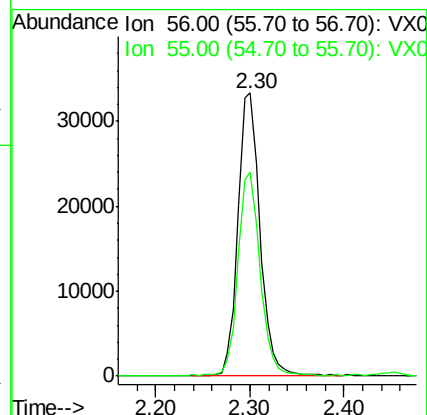
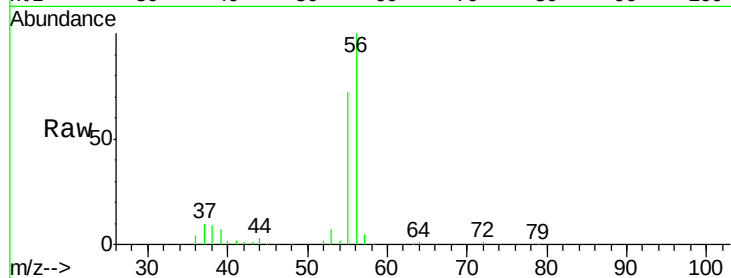




#13
 Acrolein
 Concen: 195.88 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

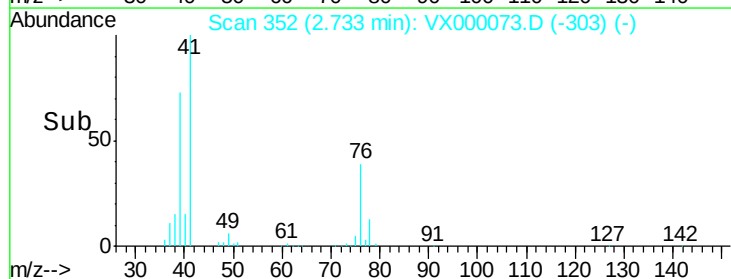
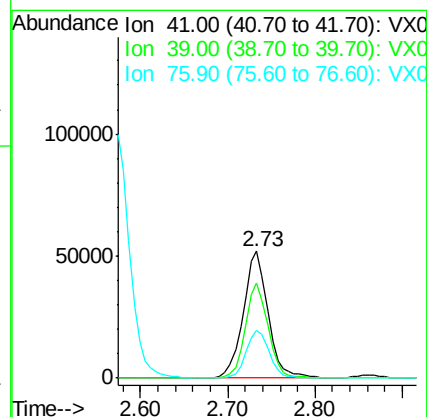
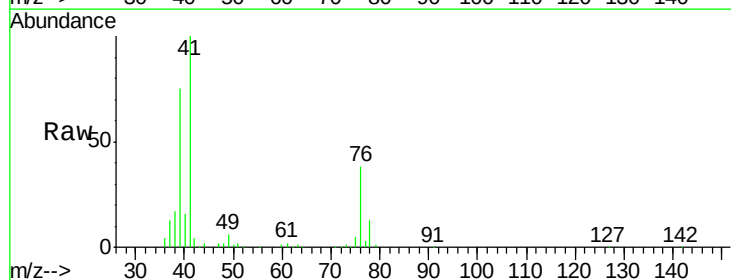
Instrument :
 ClientSampleId :
 VSTDCCC050

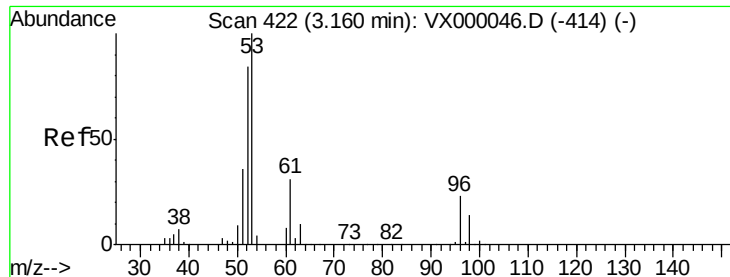
Tgt Ion: 56 Resp: 54537
 Ion Ratio Lower Upper
 56 100
 55 71.2 56.4 84.6



#14
 Allyl chloride
 Concen: 46.54 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 41 Resp: 102078
 Ion Ratio Lower Upper
 41 100
 39 68.6 55.8 83.6
 76 35.2 28.7 43.1





#15

Acrylonitrile

Concen: 249.26 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

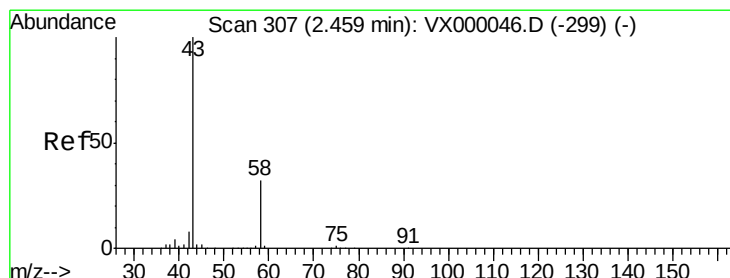
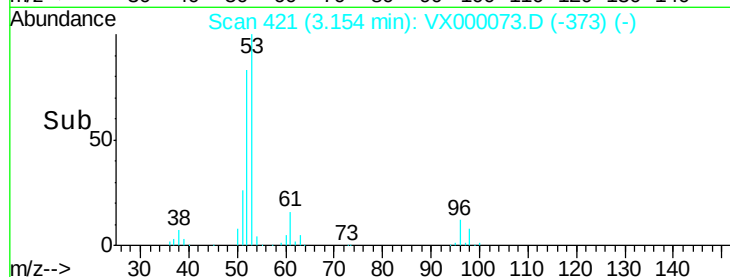
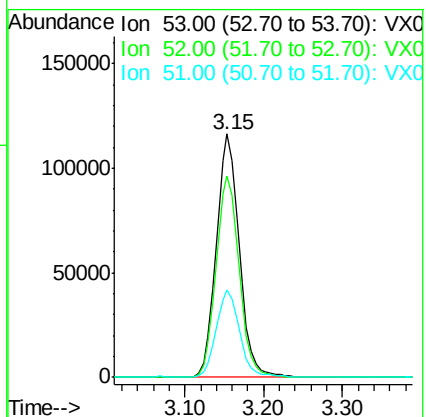
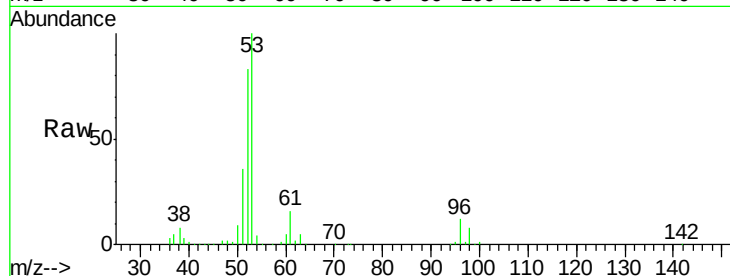
Tgt Ion: 53 Resp: 235568

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

51 36.6 29.1 43.7



#16

Acetone

Concen: 269.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000073.D

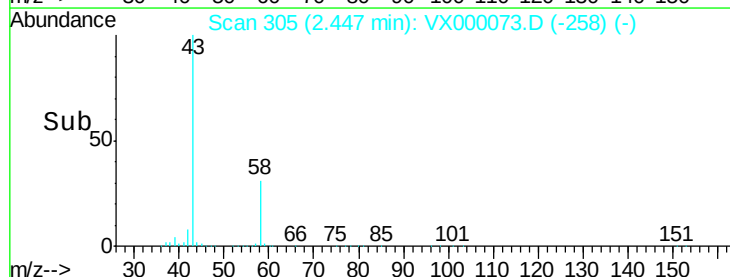
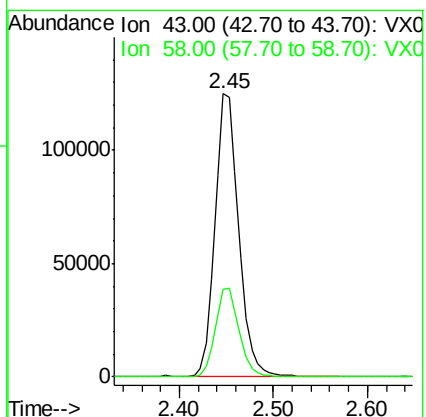
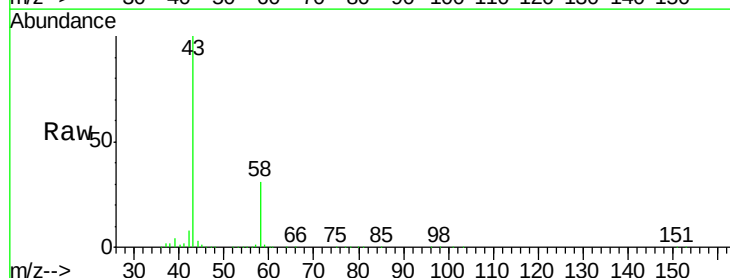
Acq: 13 Feb 2018 12:37

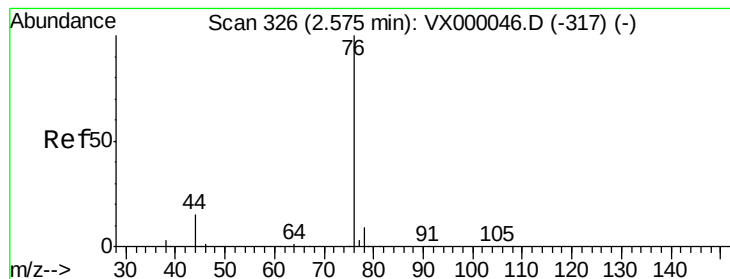
Tgt Ion: 43 Resp: 215964

Ion Ratio Lower Upper

43 100

58 31.0 25.9 38.9





#17

Carbon Disulfide

Concen: 46.43 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampled :

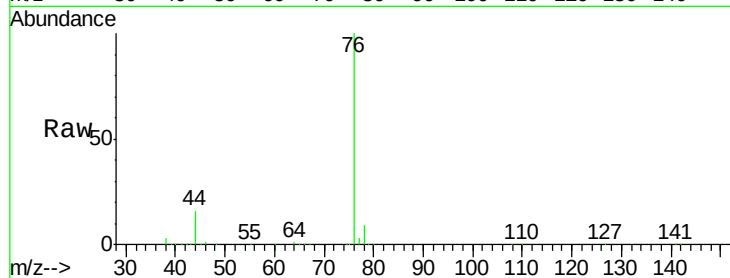
VSTDCCC050

Tgt Ion: 76 Resp: 170277

Ion Ratio Lower Upper

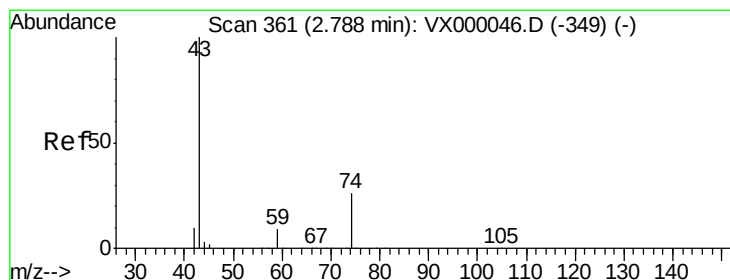
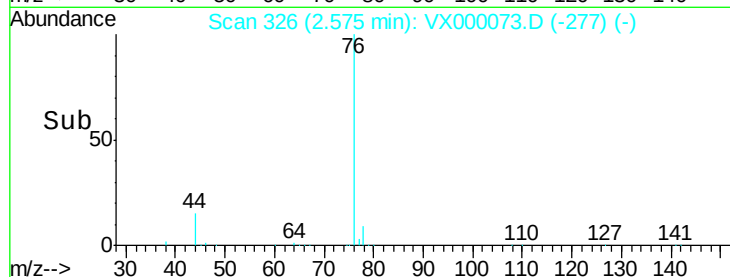
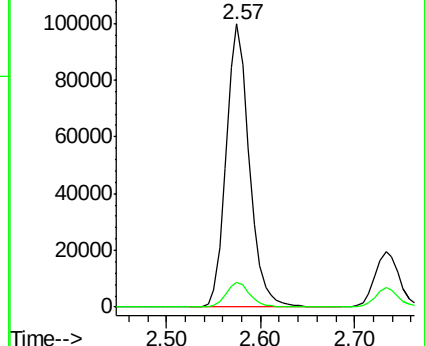
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.28 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000073.D

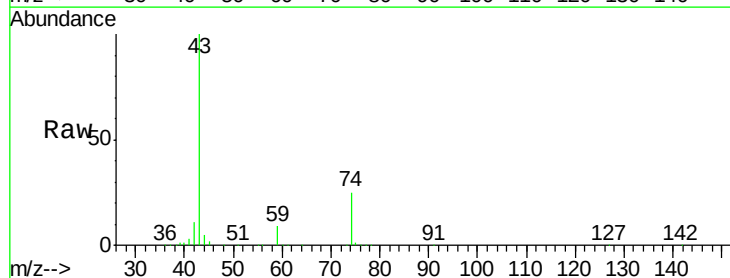
Acq: 13 Feb 2018 12:37

Tgt Ion: 43 Resp: 109835

Ion Ratio Lower Upper

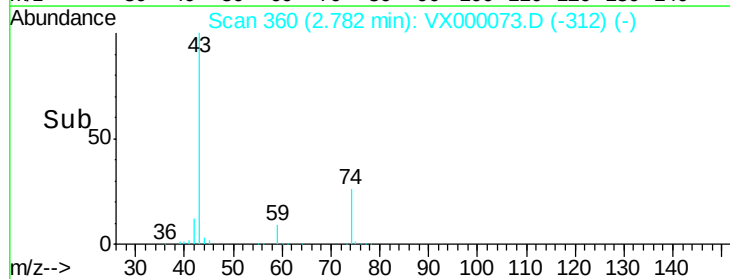
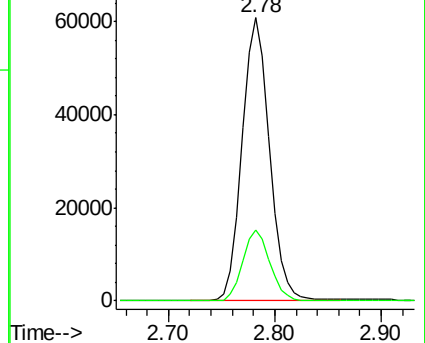
43 100

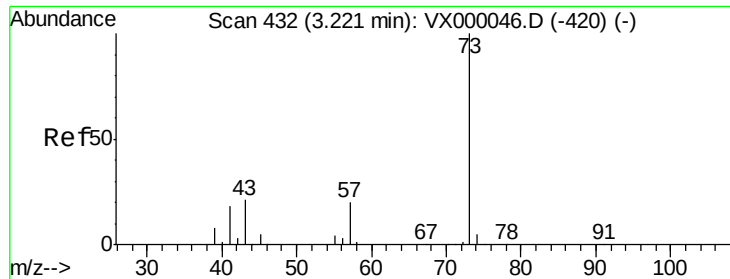
74 24.5 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

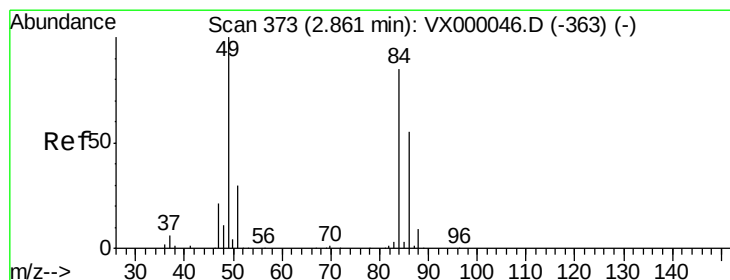
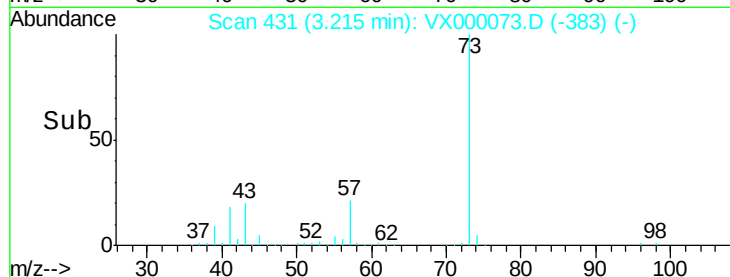
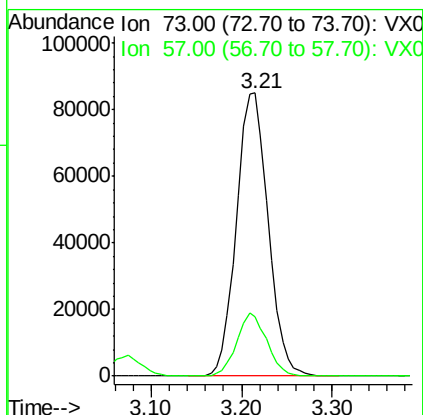
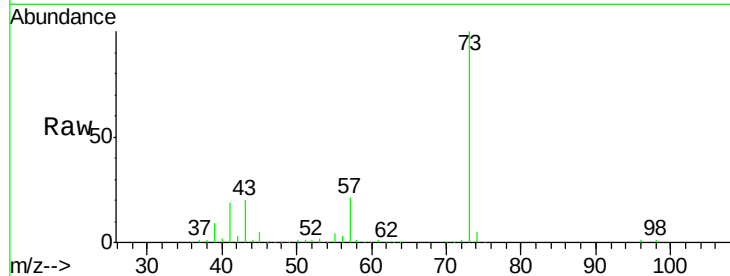




#19
Methyl tert-butyl Ether
Concen: 47.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

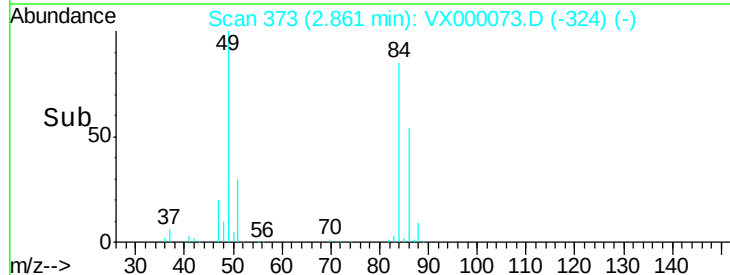
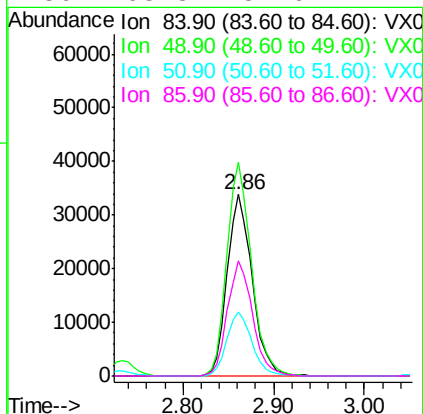
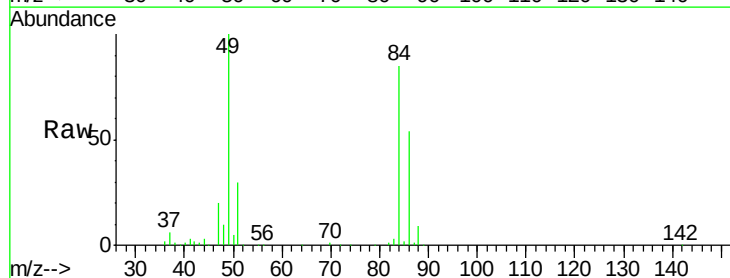
Instrument :
ClientSampleId :
VSTDCCC050

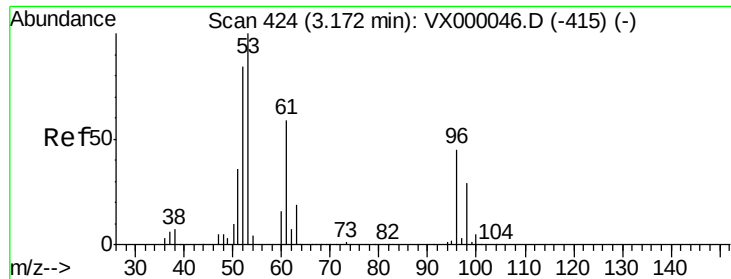
Tgt Ion: 73 Resp: 206260
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.4



#20
Methylene Chloride
Concen: 48.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 84 Resp: 64965
Ion Ratio Lower Upper
84 100
49 117.8 94.4 141.6
51 35.3 28.3 42.5
86 63.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.01 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

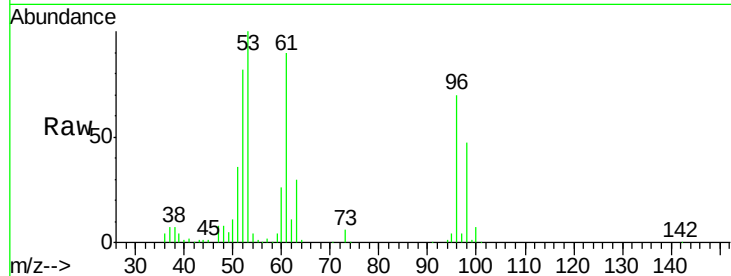
Tgt Ion: 96 Resp: 63695

Ion Ratio Lower Upper

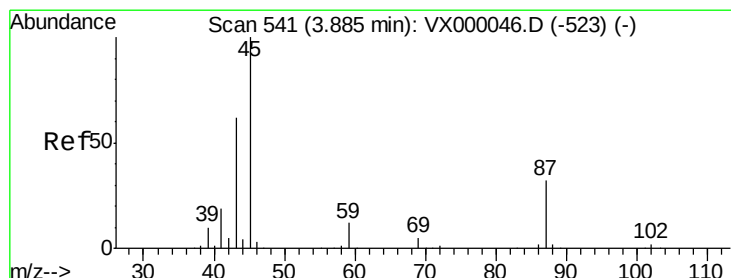
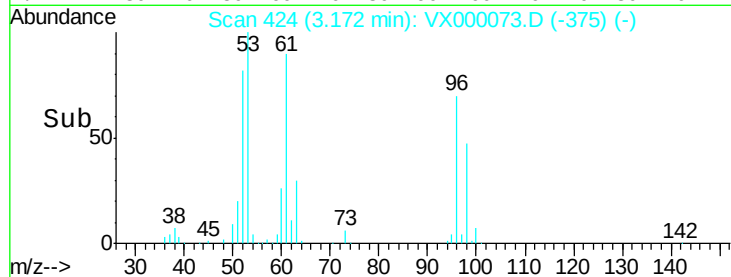
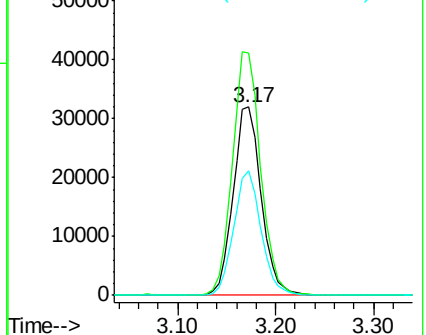
96 100

61 128.3 104.9 157.3

98 66.3 52.4 78.6



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



#22

Diisopropyl ether

Concen: 52.30 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion: 45 Resp: 189431

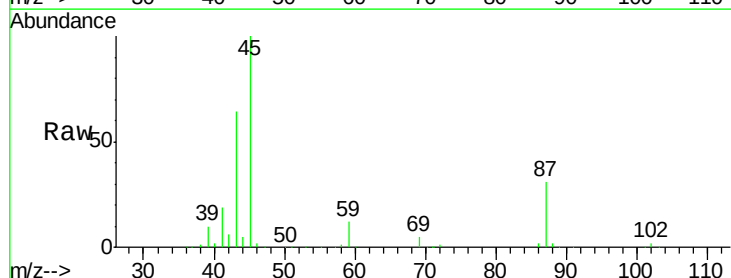
Ion Ratio Lower Upper

45 100

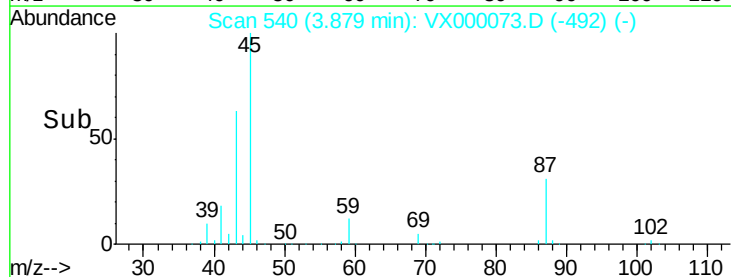
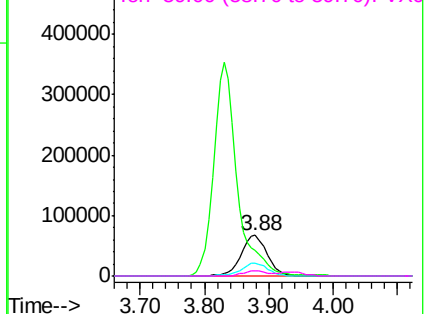
43 62.8 49.6 74.4

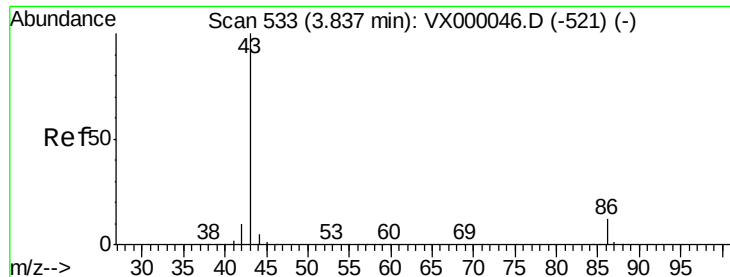
87 31.2 25.9 38.9

59 12.1 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 276.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

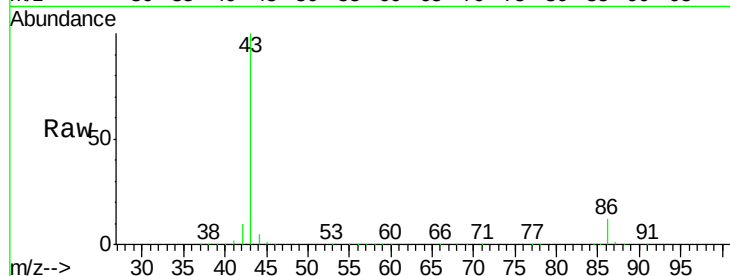
VSTDCCC050

Tgt Ion: 43 Resp: 906061

Ion Ratio Lower Upper

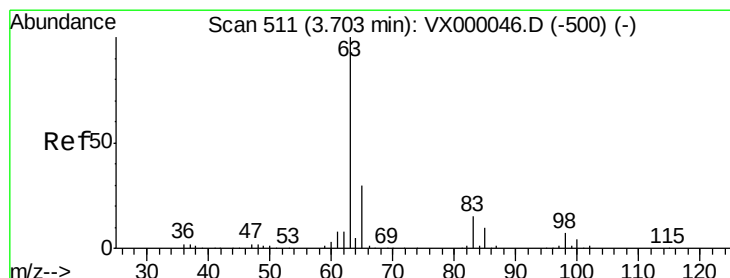
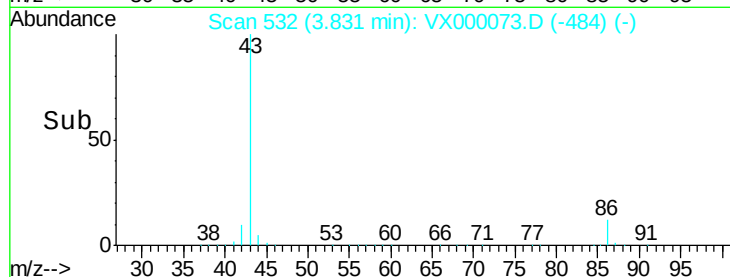
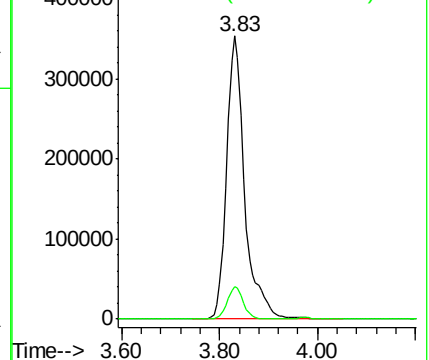
43 100

86 11.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.03 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

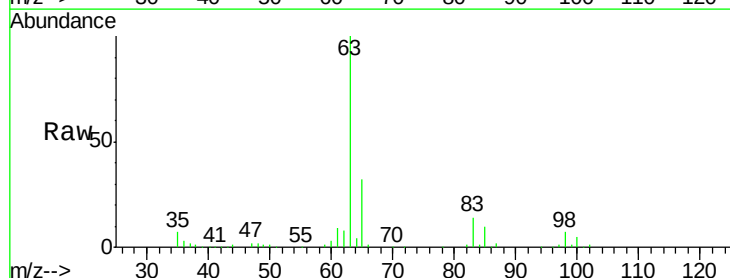
Tgt Ion: 63 Resp: 108147

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

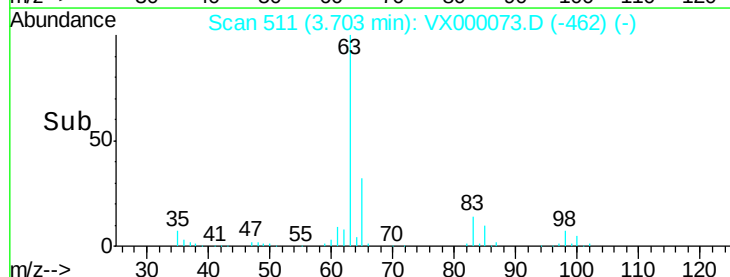
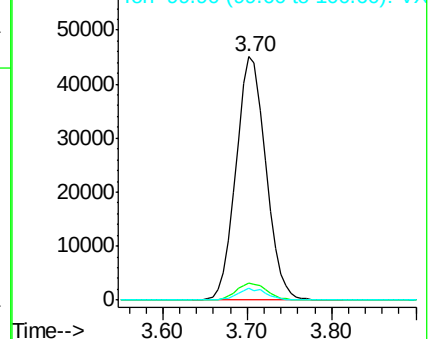
100 4.8 2.1 6.2

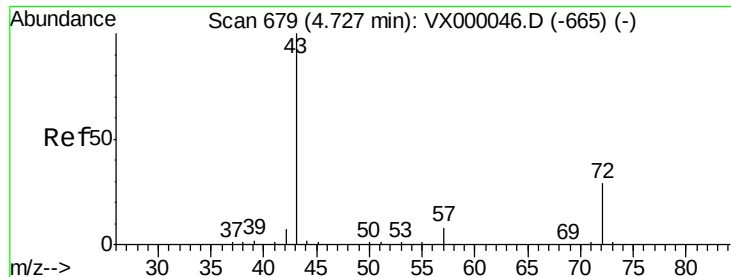


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 267.46 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

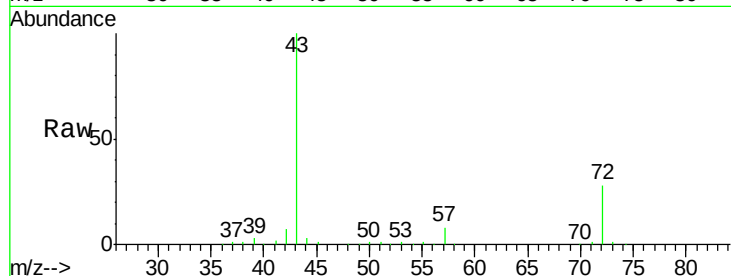
Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 323973

Ion Ratio Lower Upper

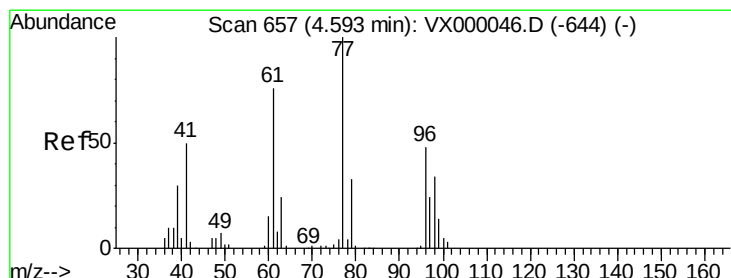
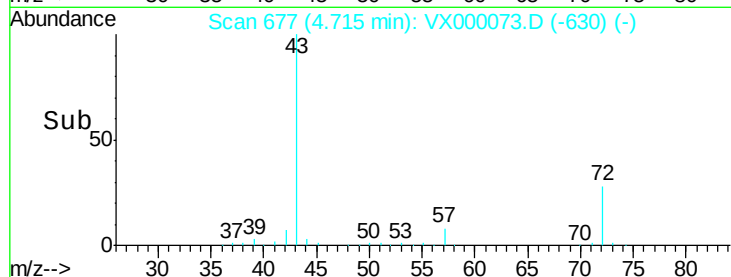
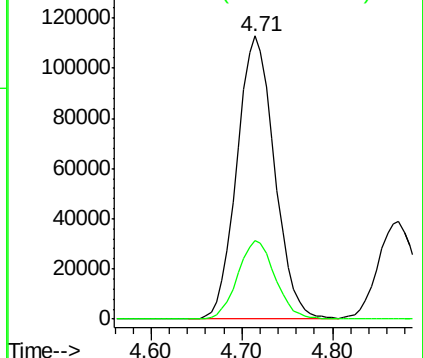
43 100

72 27.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.10 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000073.D

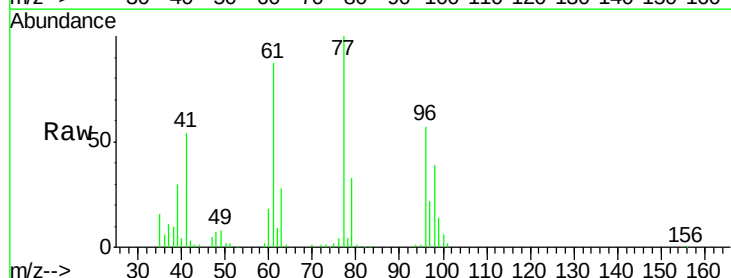
Acq: 13 Feb 2018 12:37

Tgt Ion: 77 Resp: 92805

Ion Ratio Lower Upper

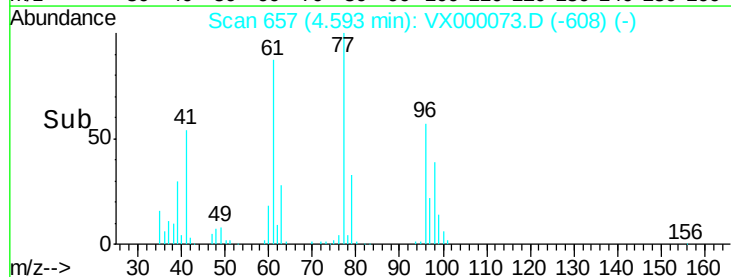
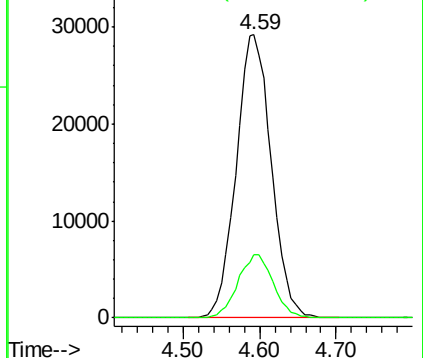
77 100

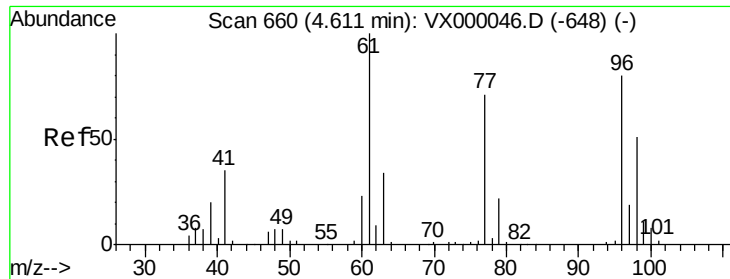
97 22.5 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



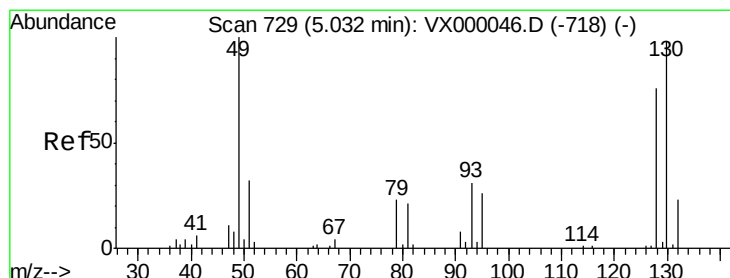
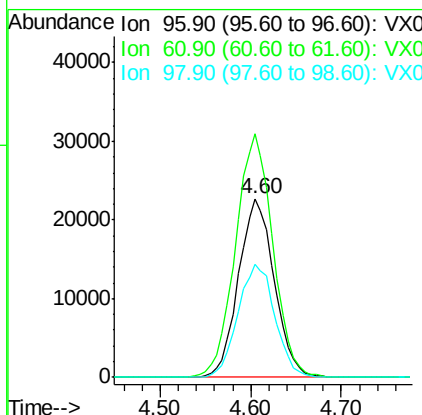
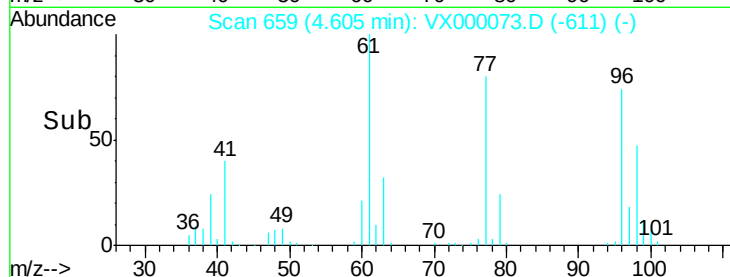
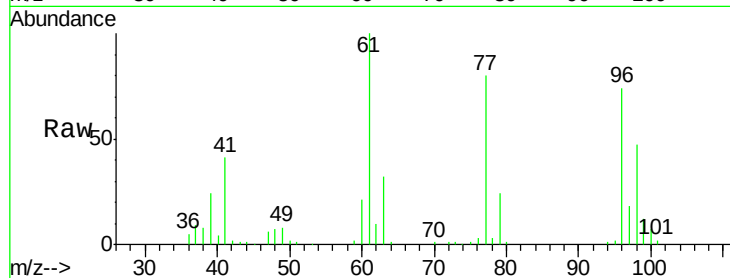


#27

cis-1,2-Dichloroethene
Concen: 46.78 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

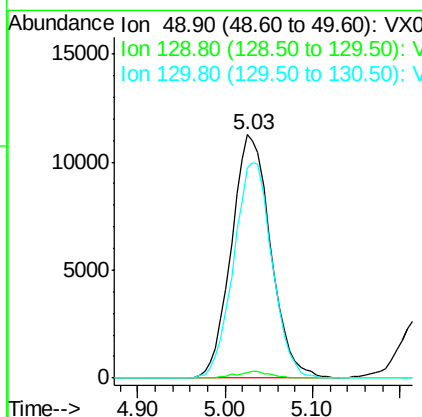
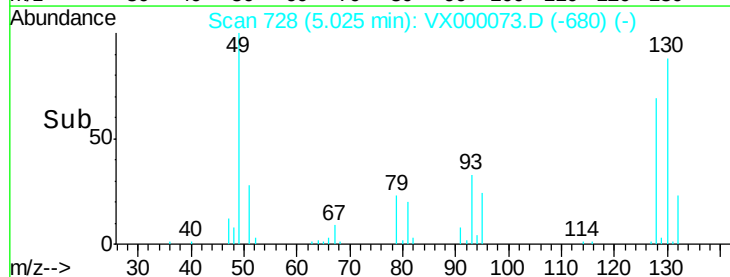
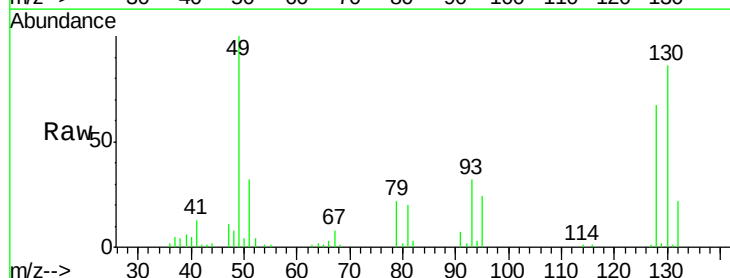
Tgt Ion: 96 Resp: 62122
Ion Ratio Lower Upper
96 100
61 142.1 0.0 274.4
98 65.3 0.0 132.4

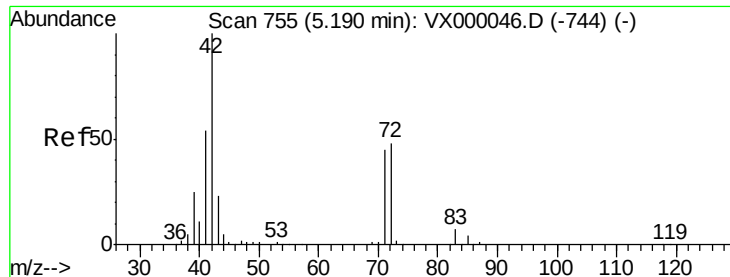


#28

Bromochloromethane
Concen: 47.11 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 49 Resp: 35169
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 86.7 75.6 113.4

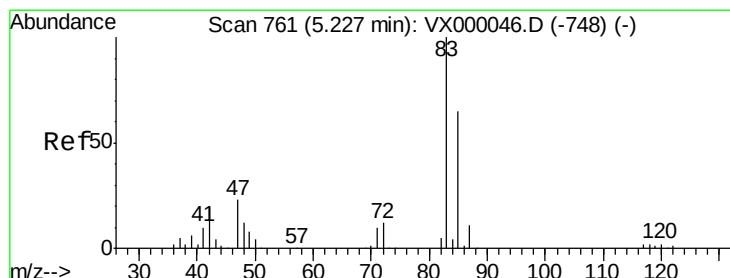
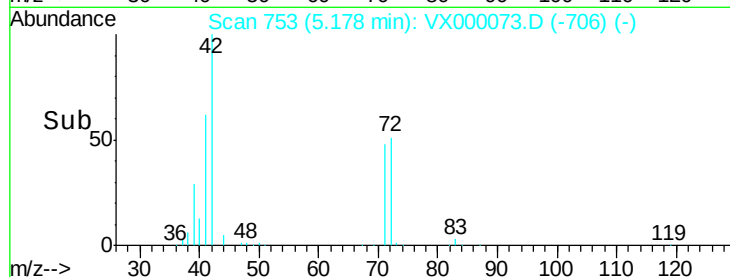
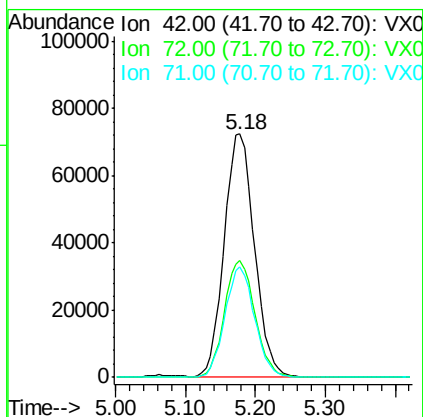
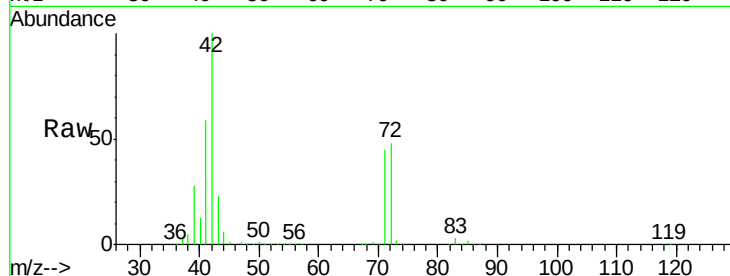




#29
Tetrahydrofuran
Concen: 261.63 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

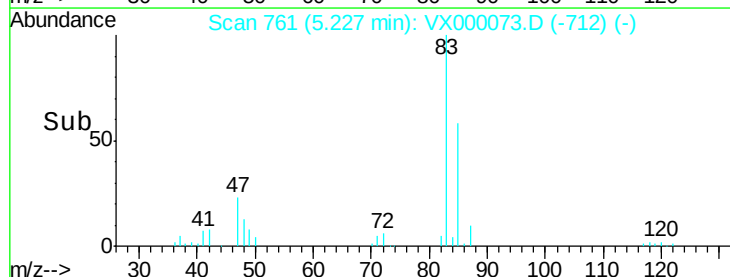
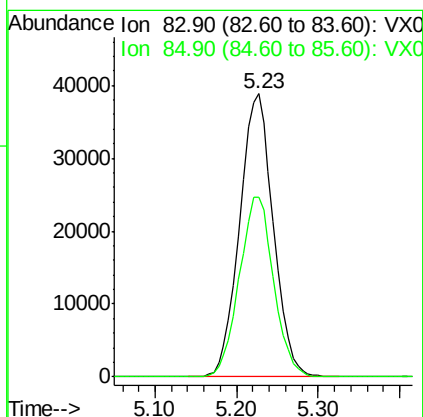
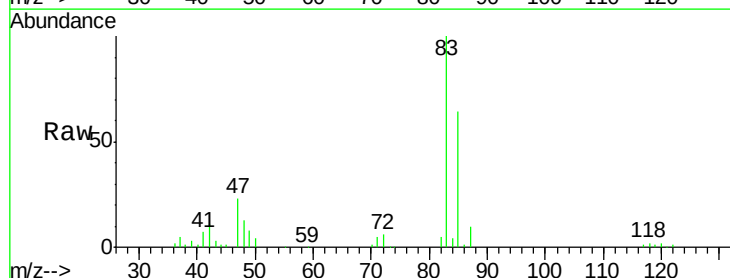
Instrument :
ClientSampleId :
VSTDCCC050

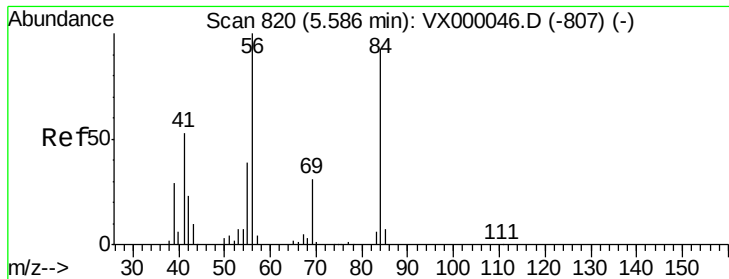
Tgt Ion: 42 Resp: 217157
Ion Ratio Lower Upper
42 100
72 48.4 39.0 58.6
71 44.5 36.7 55.1



#30
Chloroform
Concen: 49.01 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 83 Resp: 111227
Ion Ratio Lower Upper
83 100
85 63.7 51.9 77.9

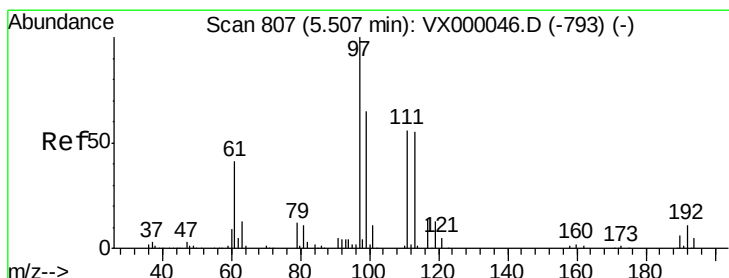
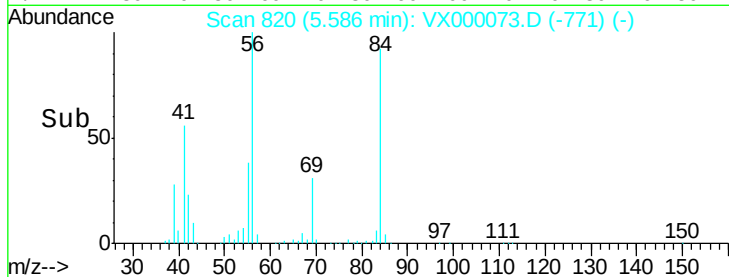
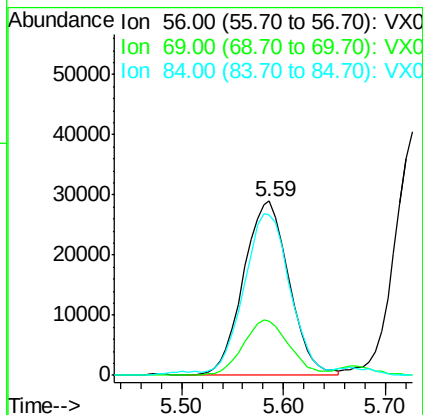
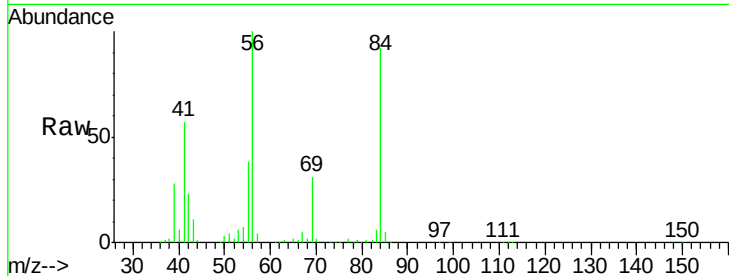




#31
Cyclohexane
Concen: 48.52 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

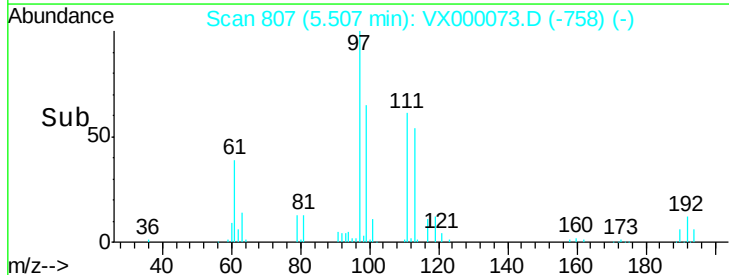
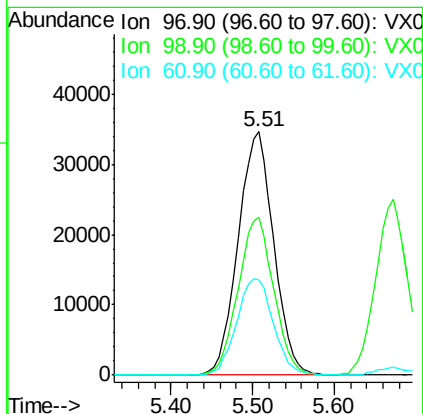
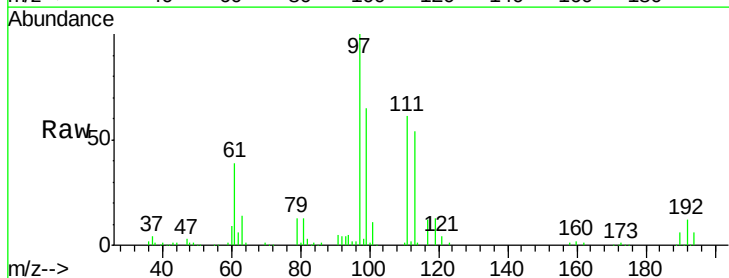
Instrument :
ClientSampled :
VSTDCCC050

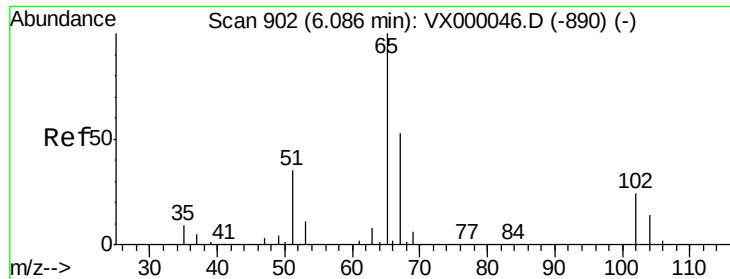
Tgt Ion: 56 Resp: 89741
Ion Ratio Lower Upper
56 100
69 31.0 24.5 36.7
84 90.7 74.8 112.2



#32
1,1,1-Trichloroethane
Concen: 49.07 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 97 Resp: 104825
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 40.9 32.1 48.1

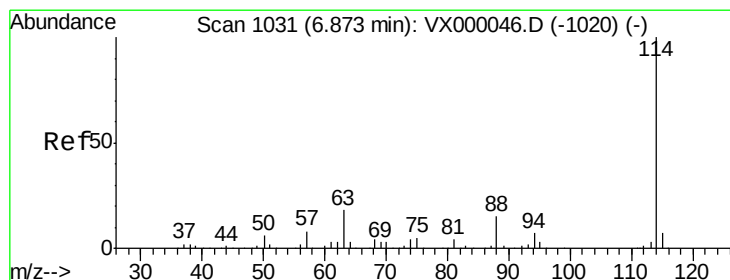
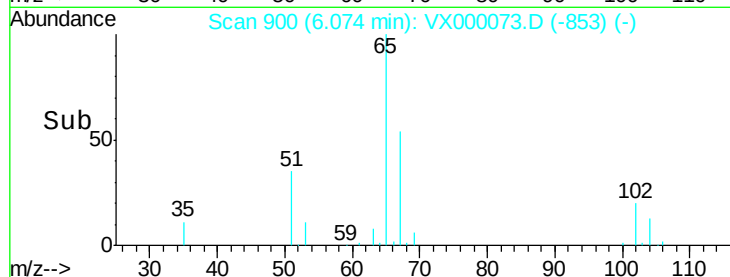
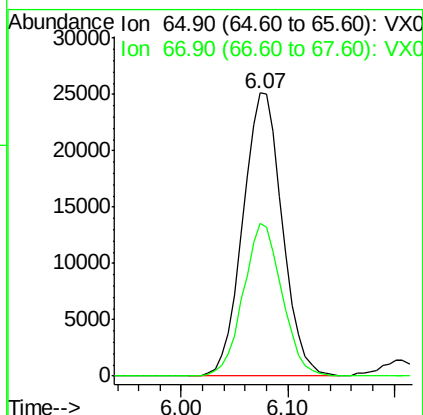
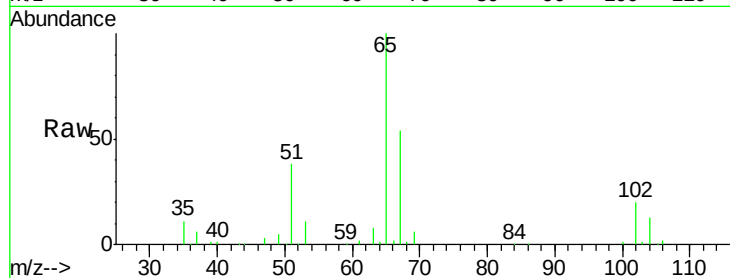




#33
 1,2-Dichloroethane-d4
 Concen: 48.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

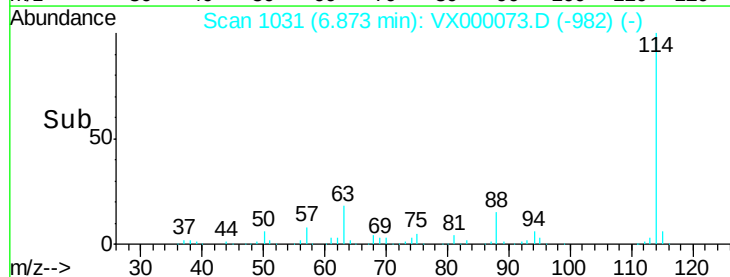
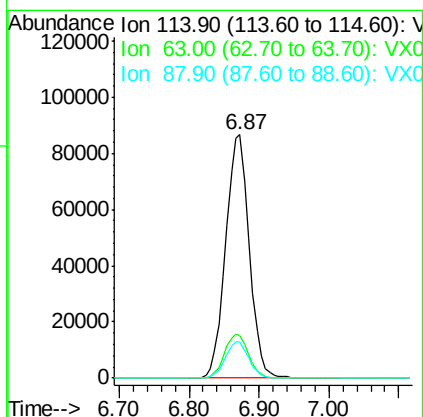
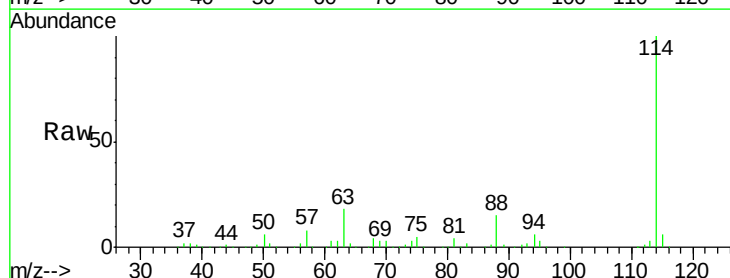
Instrument :
 ClientSampled :
 VSTDCCC050

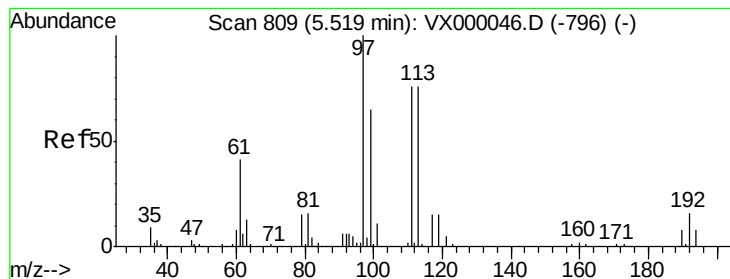
Tgt Ion: 65 Resp: 65409
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 114 Resp: 203268
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.0
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.40 ug/l

RT: 5.51 min Scan# 808

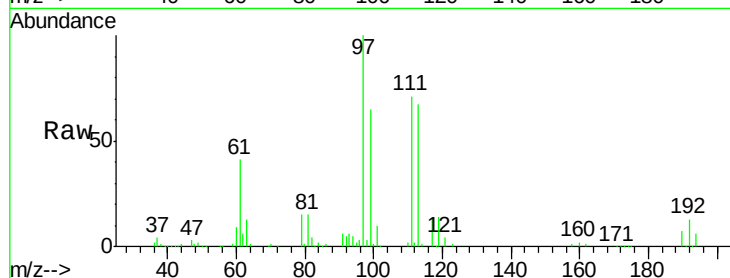
Delta R.T. -0.01 min

Lab File: VX000073.D

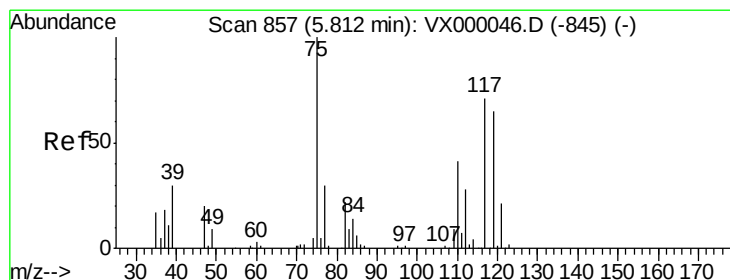
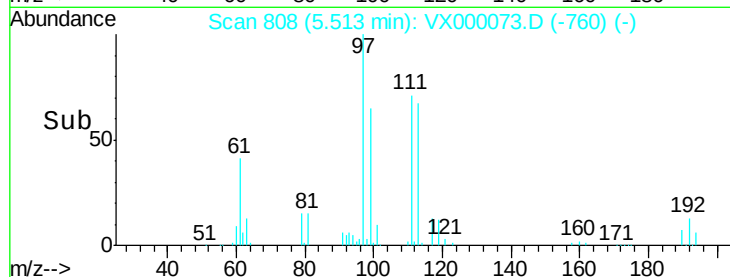
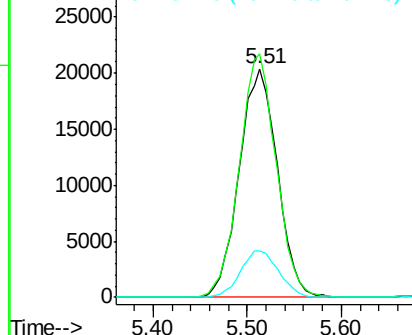
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 57436
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 20.5 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.07 ug/l

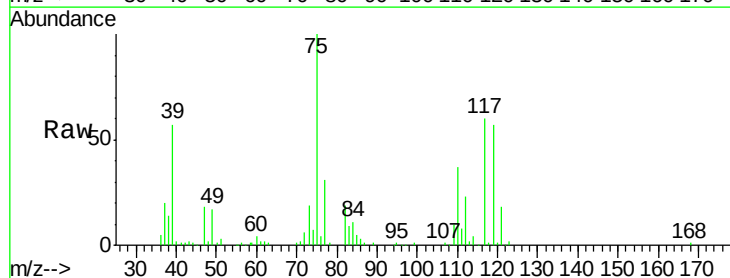
RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

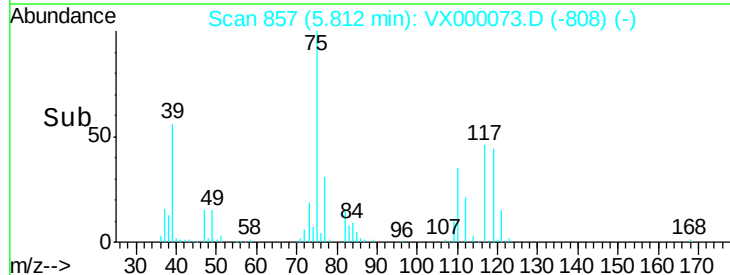
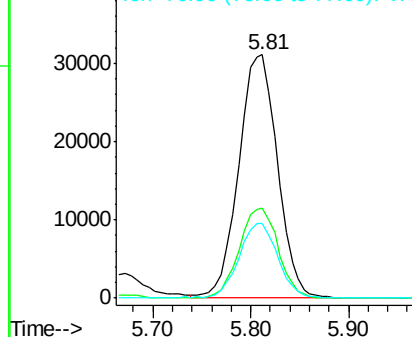
Lab File: VX000073.D

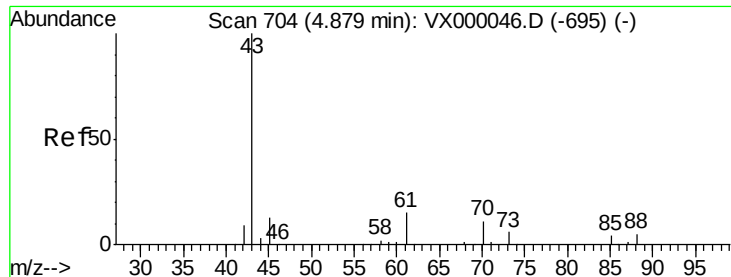
Acq: 13 Feb 2018 12:37

Tgt Ion: 75 Resp: 85071
Ion Ratio Lower Upper
75 100
110 37.2 19.4 58.4
77 30.9 24.2 36.4



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





#37

Ethyl Acetate

Concen: 49.56 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

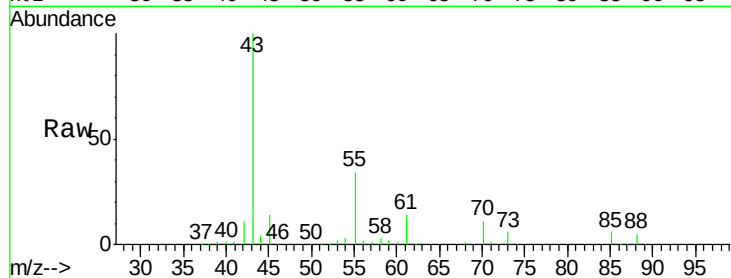
Tgt Ion: 43 Resp: 113257

Ion Ratio Lower Upper

43 100

61 14.1 11.4 17.2

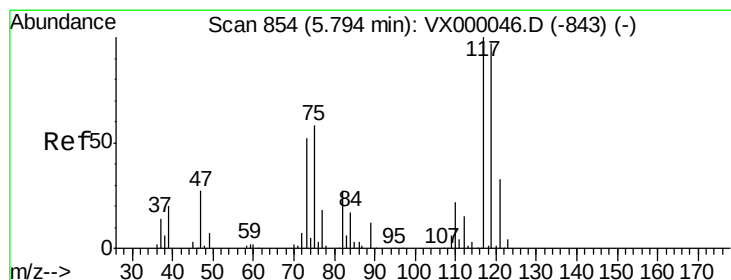
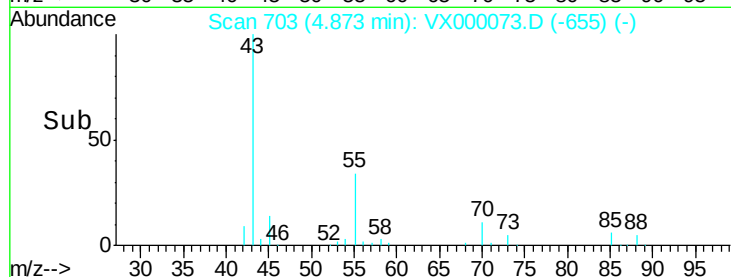
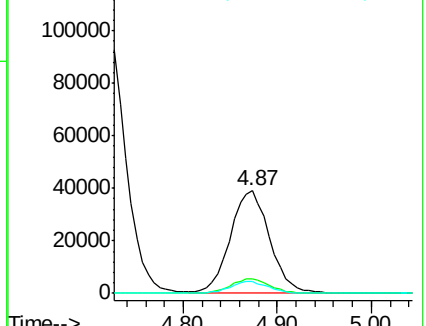
70 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.55 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

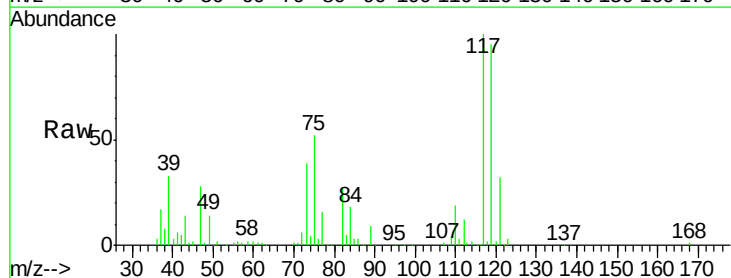
Tgt Ion: 117 Resp: 96472

Ion Ratio Lower Upper

117 100

119 94.6 76.9 115.3

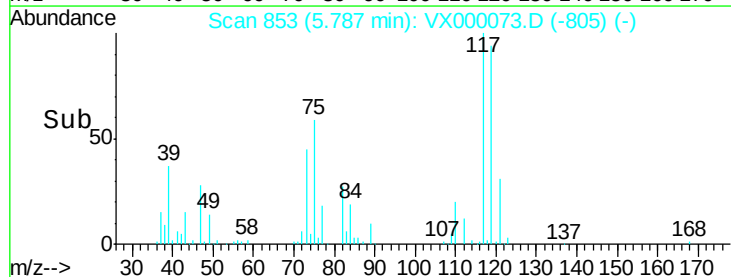
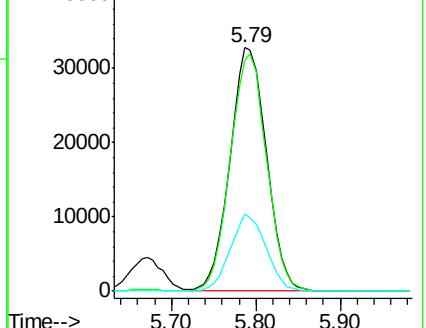
121 31.7 25.8 38.8

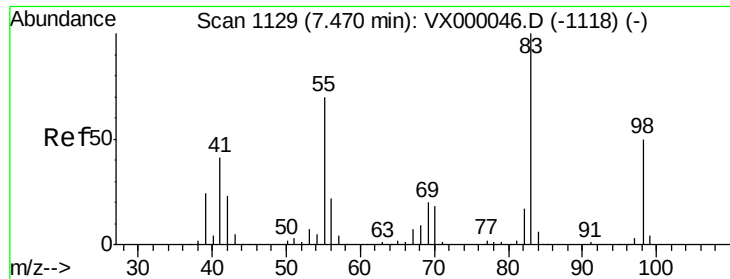


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

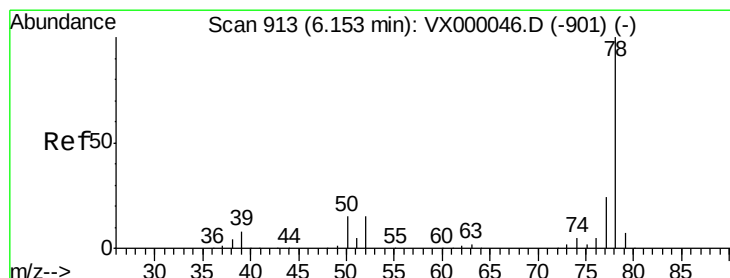
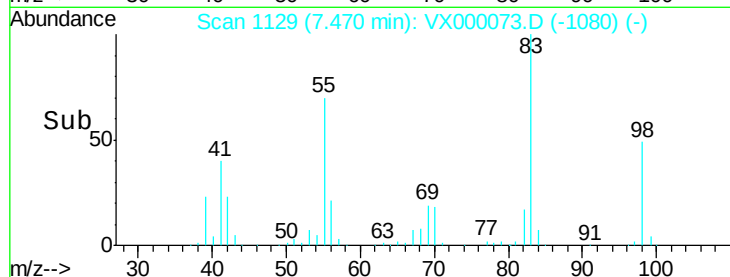
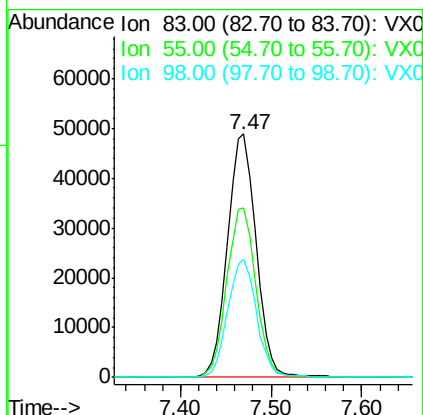
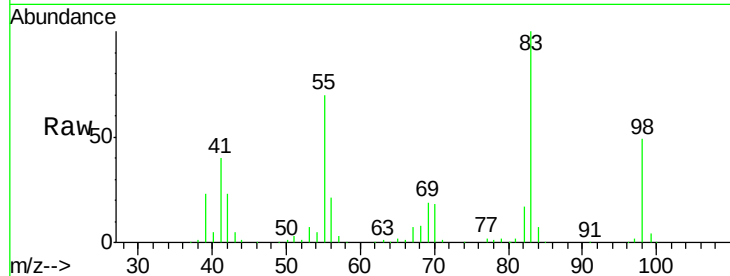




#39
Methylcyclohexane
Concen: 50.15 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

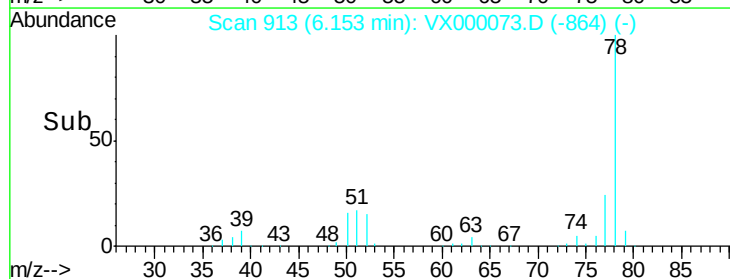
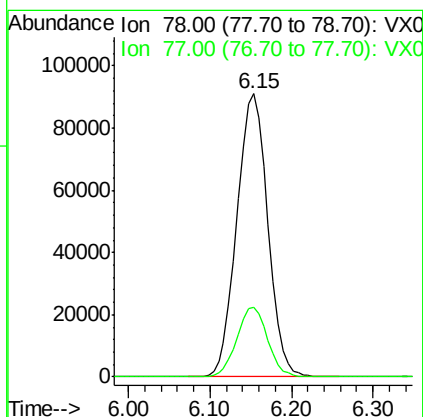
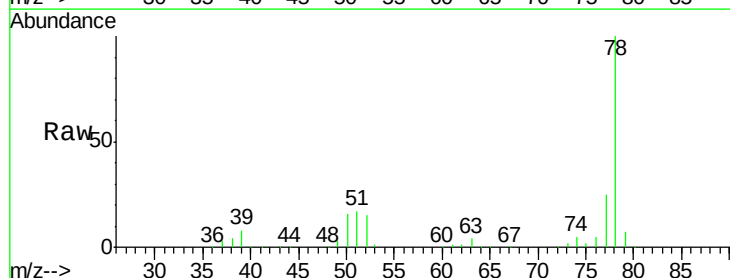
Instrument :
ClientSampleId :
VSTDCCC050

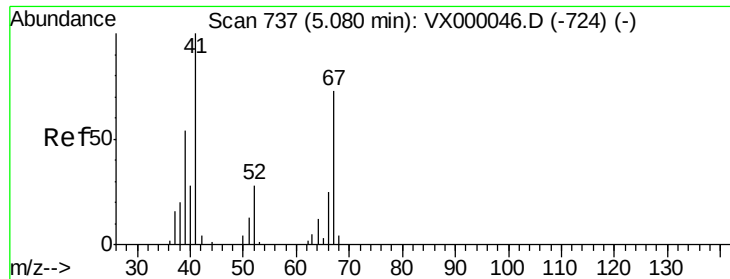
Tgt Ion: 83 Resp: 107754
Ion Ratio Lower Upper
83 100
55 69.8 55.7 83.5
98 48.6 39.7 59.5



#40
Benzene
Concen: 47.90 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 78 Resp: 239576
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.2

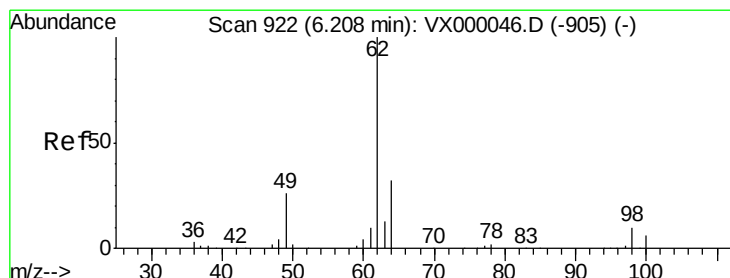
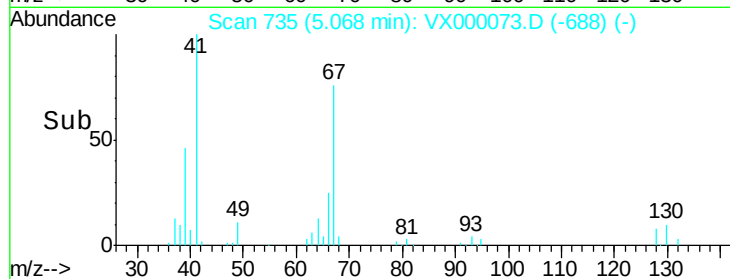
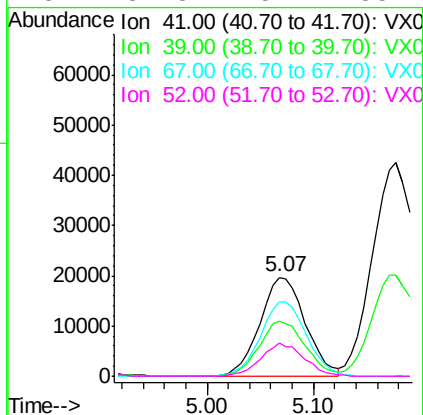
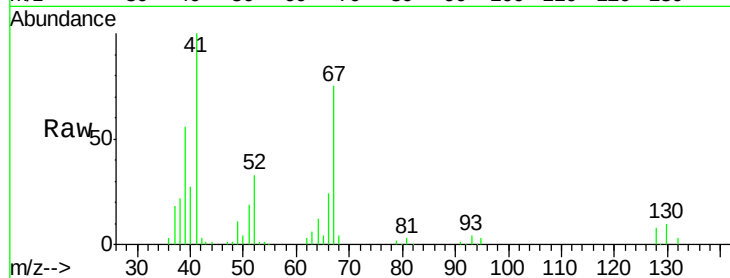




#41
Methacrylonitrile
Concen: 50.01 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

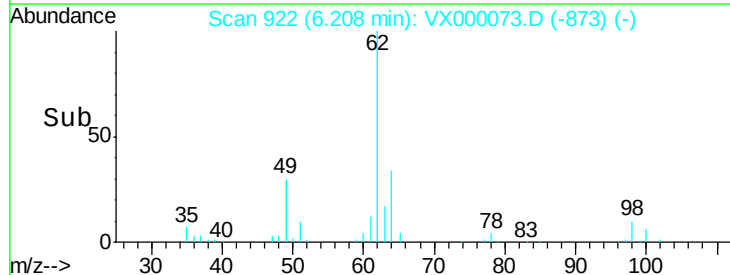
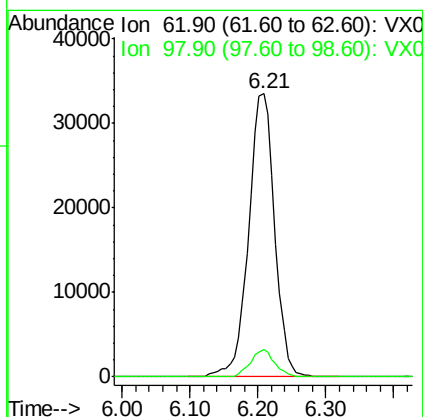
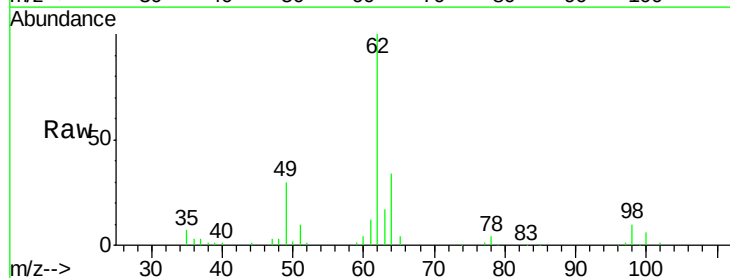
Instrument :
ClientSampleId :
VSTDCCC050

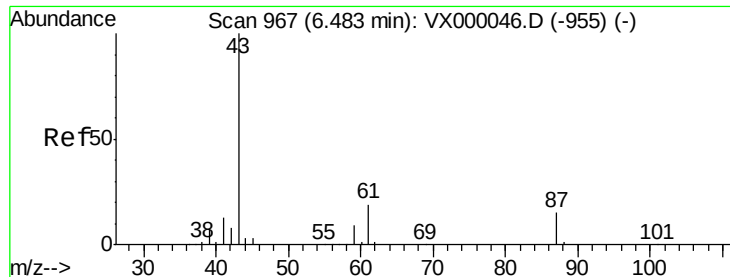
Tgt Ion:	41	Resp:	58709
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.8
67	76.4	60.6	91.0
52	32.3	25.4	38.2



#42
1,2-Dichloroethane
Concen: 50.08 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion:	62	Resp:	89480
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 49.74 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

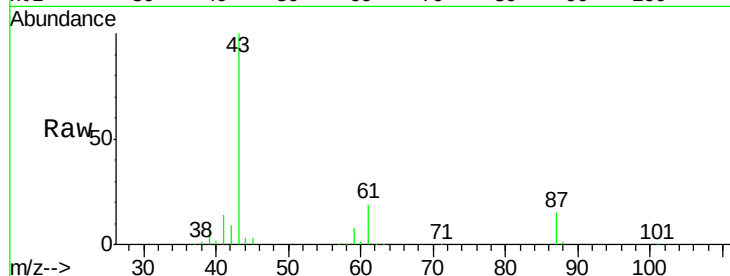
Tgt Ion: 43 Resp: 171407

Ion Ratio Lower Upper

43 100

61 19.6 15.9 23.9

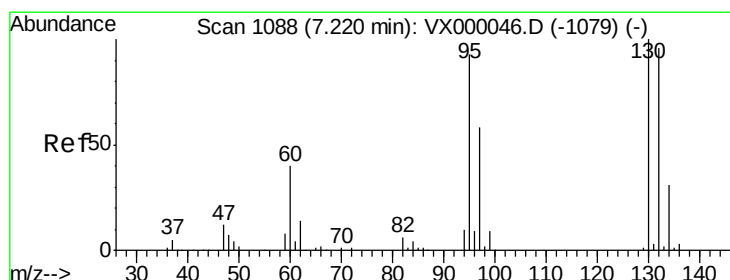
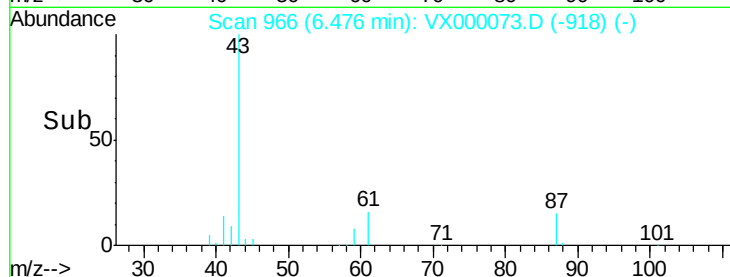
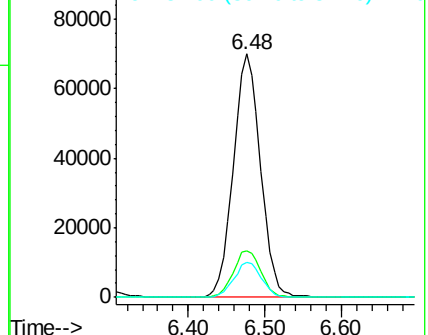
87 14.5 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.42 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000073.D

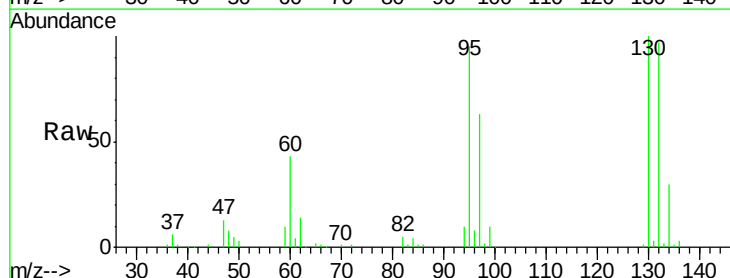
Acq: 13 Feb 2018 12:37

Tgt Ion: 130 Resp: 74945

Ion Ratio Lower Upper

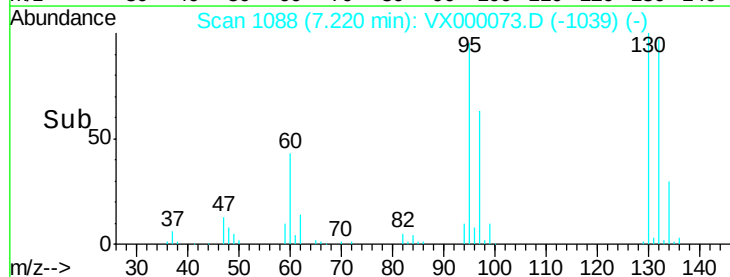
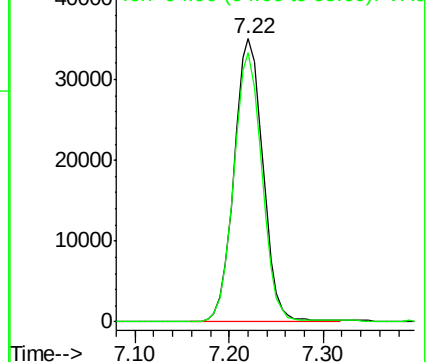
130 100

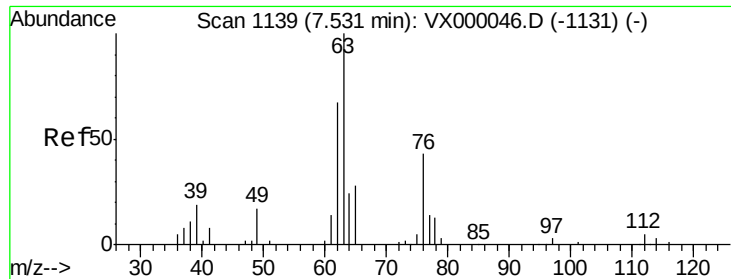
95 95.0 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

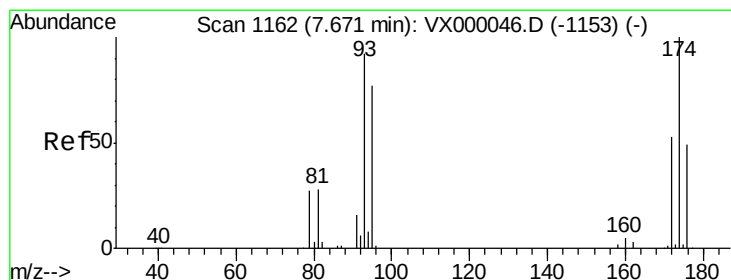
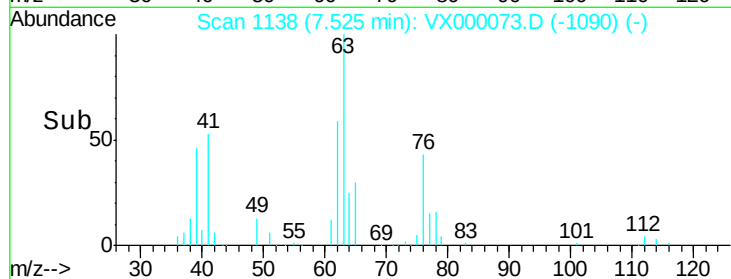
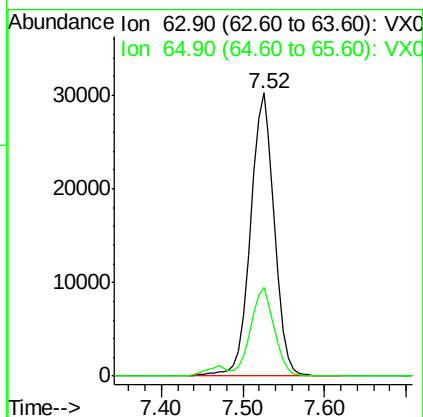
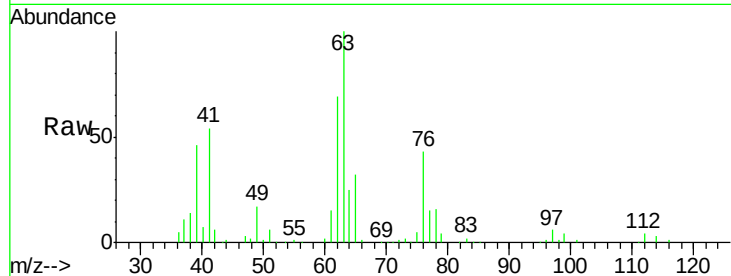




#45
 1,2-Dichloropropane
 Concen: 50.82 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

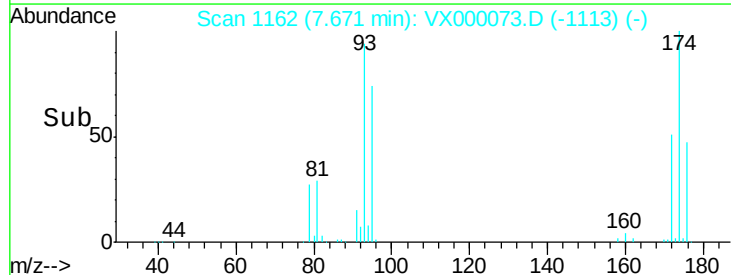
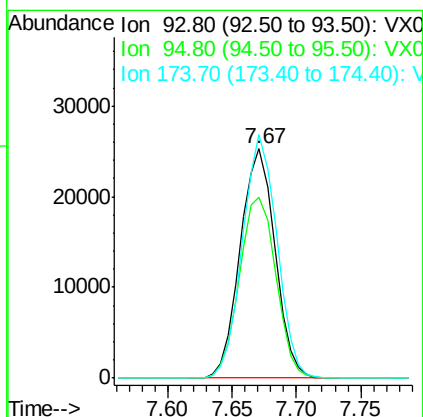
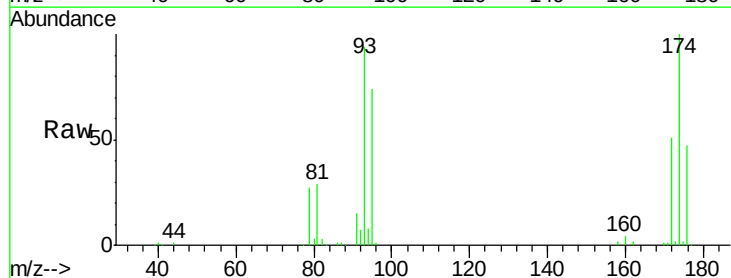
Instrument :
 ClientSampleId :
 VSTDCCC050

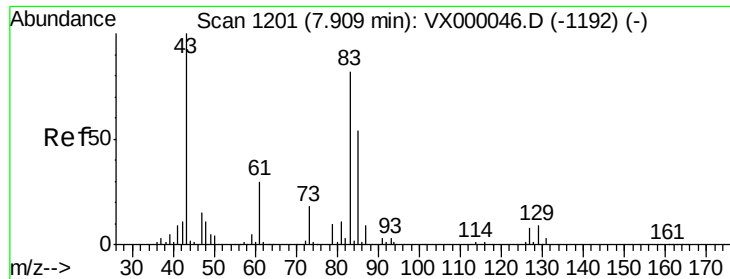
Tgt Ion: 63 Resp: 61805
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.7 35.5



#46
 Dibromomethane
 Concen: 50.55 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 93 Resp: 47448
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.3 99.5
 174 104.6 90.4 135.6





#47

Bromodichloromethane

Concen: 49.61 ug/l

RT: 7.90 min Scan# 1200

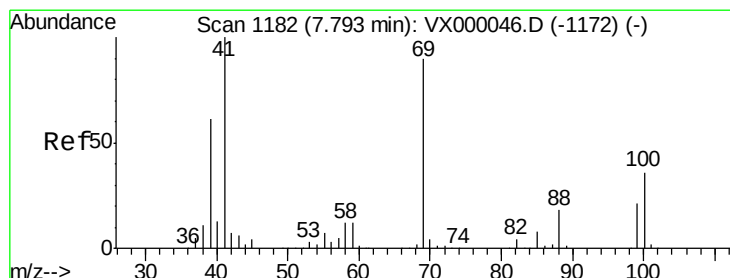
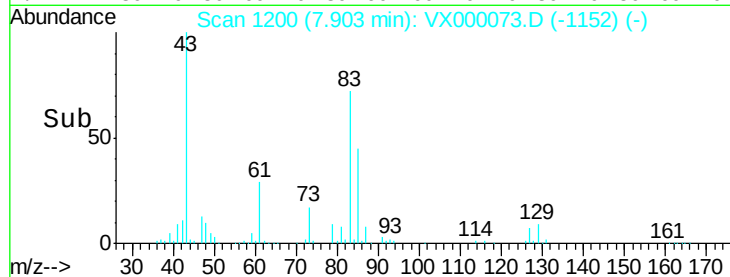
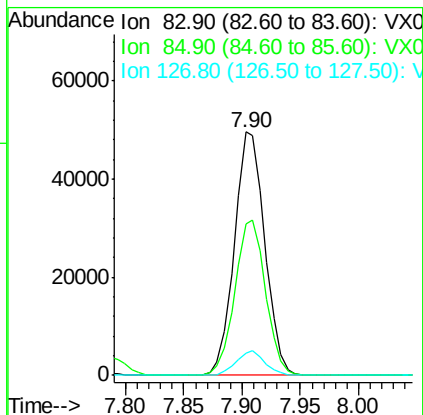
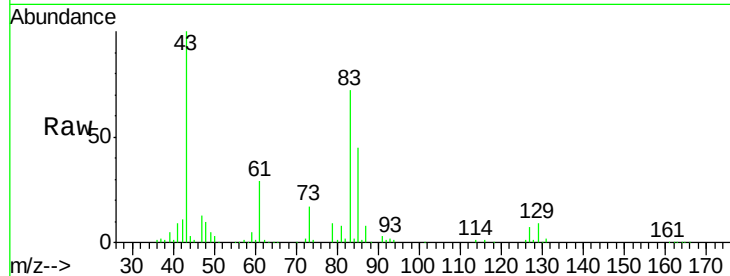
Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	90543
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.3	78.5
127	9.2	7.4	11.0



#48

Methyl methacrylate

Concen: 49.38 ug/l

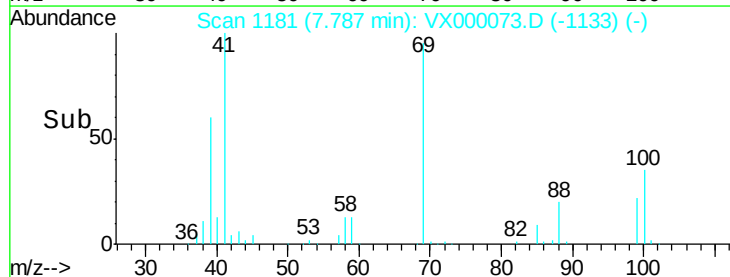
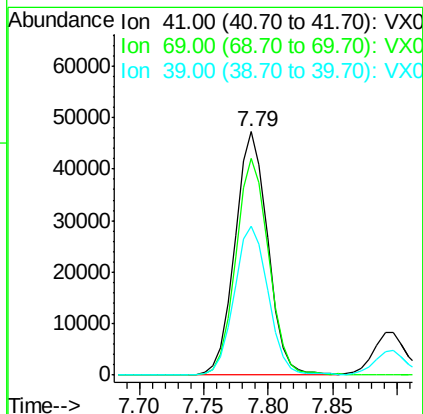
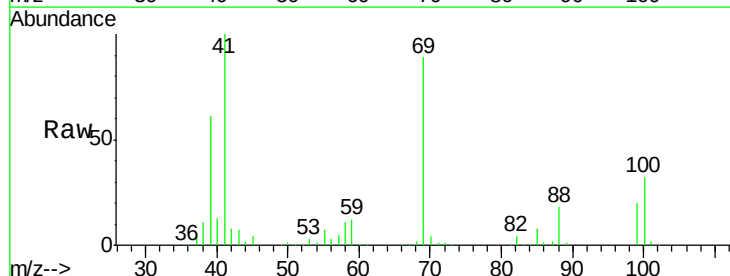
RT: 7.79 min Scan# 1181

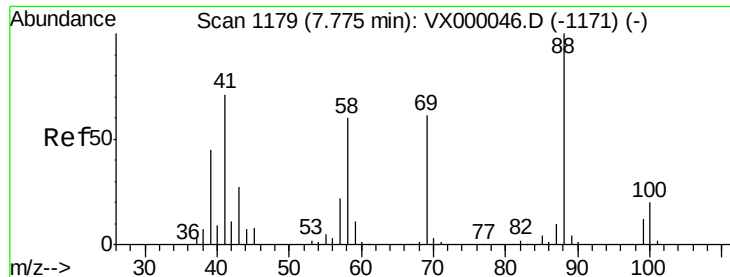
Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion:	41	Resp:	83521
Ion	Ratio	Lower	Upper
41	100		
69	89.5	72.1	108.1
39	63.3	49.6	74.4

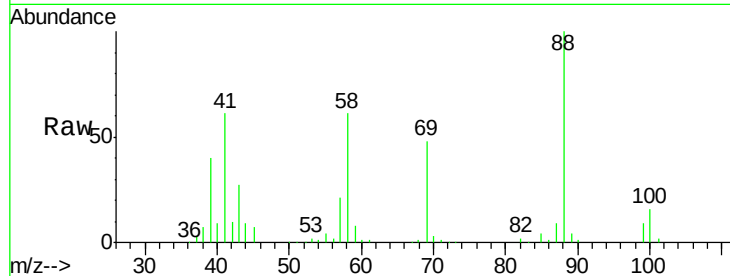




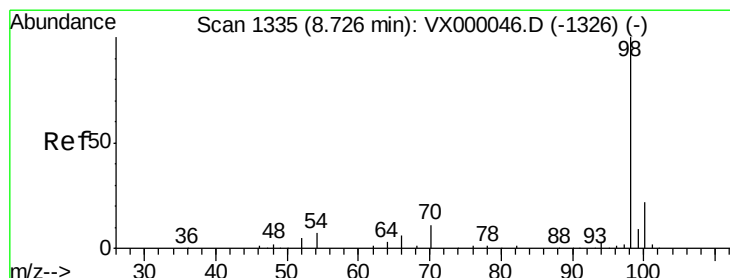
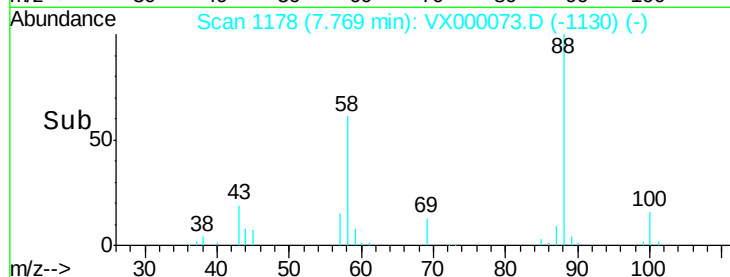
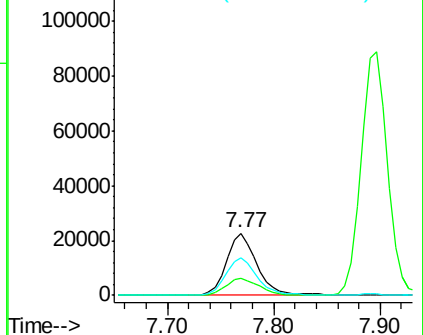
#49
1,4-Dioxane
Concen: 1001.55 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 45123
Ion Ratio Lower Upper
88 100
43 30.4 22.6 33.8
58 63.0 49.4 74.2

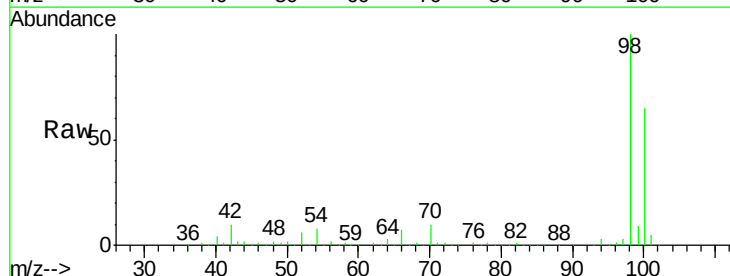


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

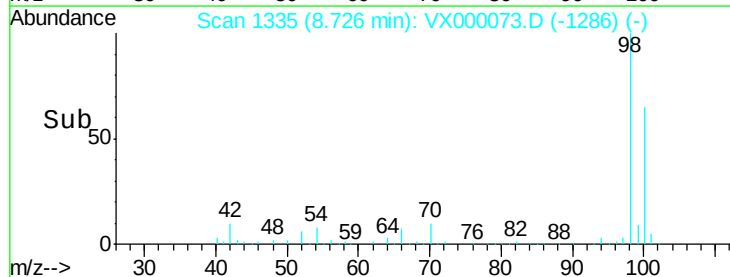
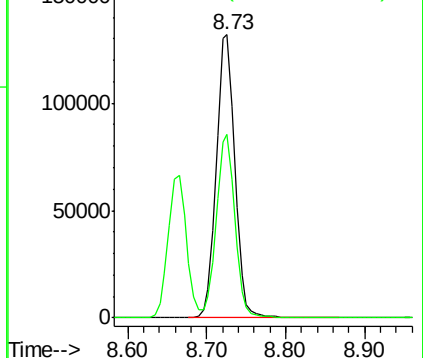


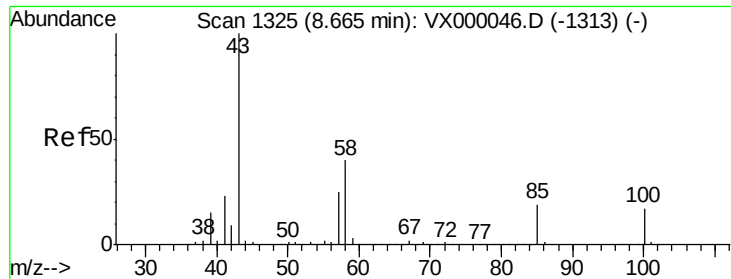
#50
Toluene-d8
Concen: 49.21 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 98 Resp: 217371
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 264.71 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

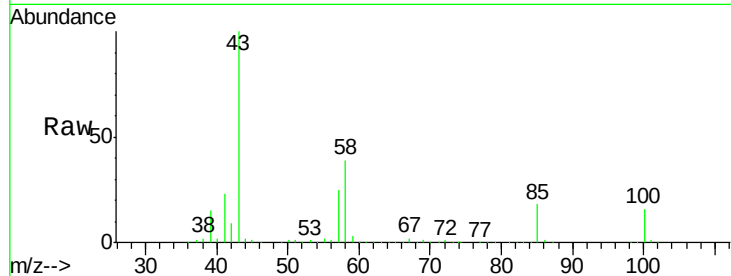
Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 635575

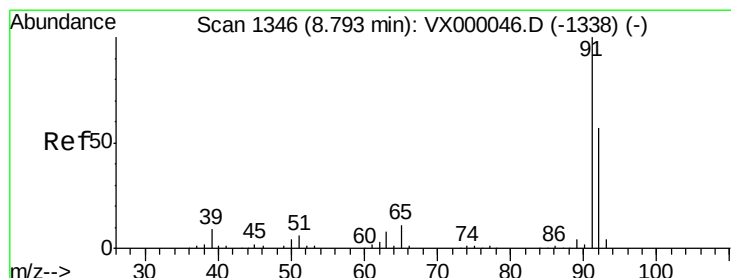
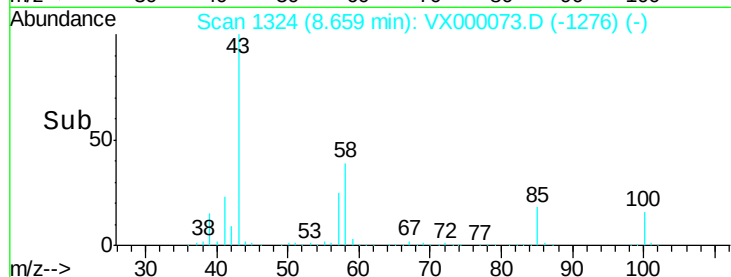
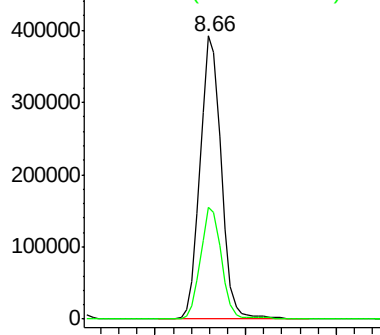
Ion Ratio Lower Upper

43 100

58 39.6 32.1 48.1



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



#52

Toluene

Concen: 50.64 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000073.D

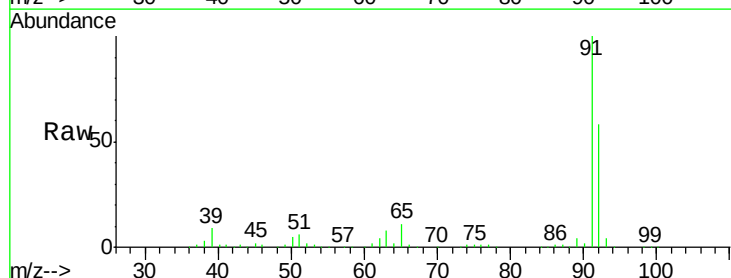
Acq: 13 Feb 2018 12:37

Tgt Ion: 92 Resp: 170162

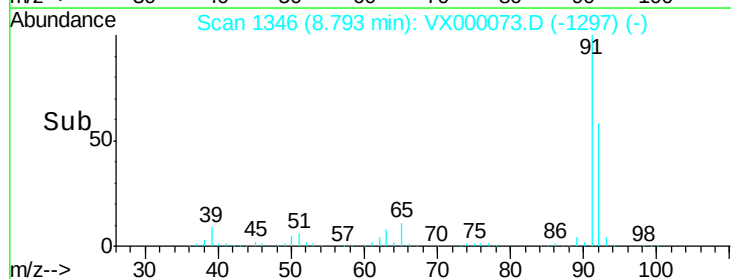
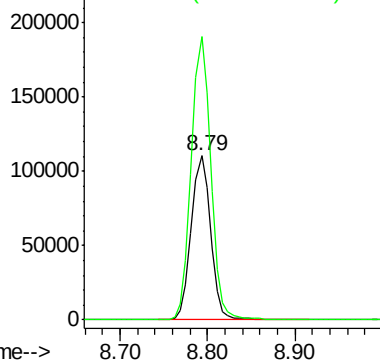
Ion Ratio Lower Upper

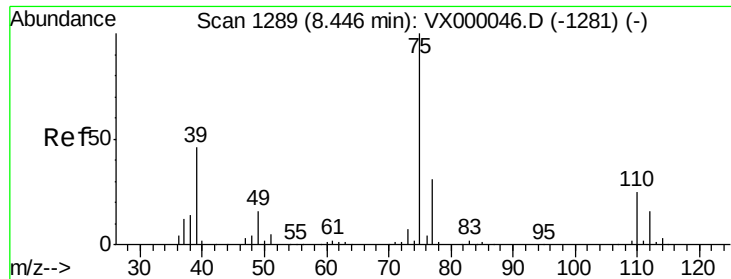
92 100

91 173.0 139.8 209.6



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





#53

t-1,3-Dichloropropene

Concen: 50.53 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

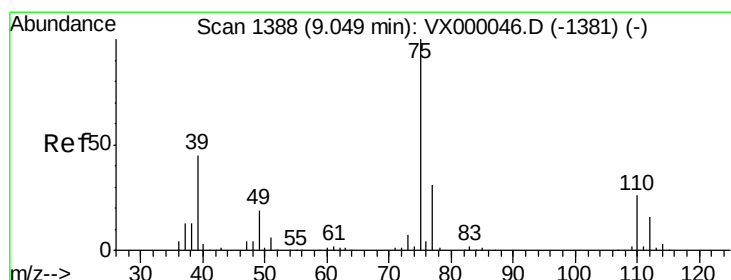
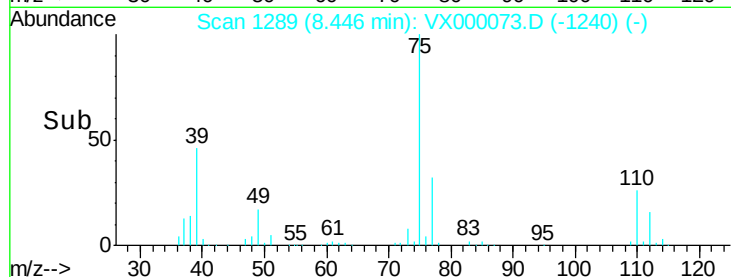
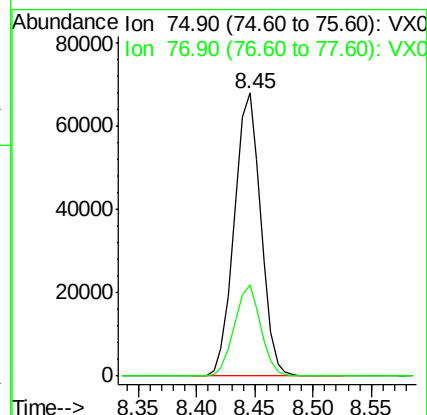
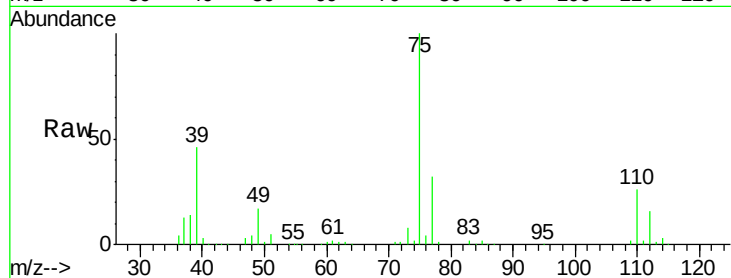
Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 107898

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 52.54 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

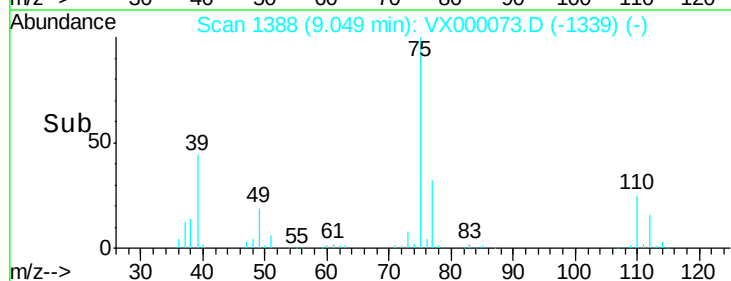
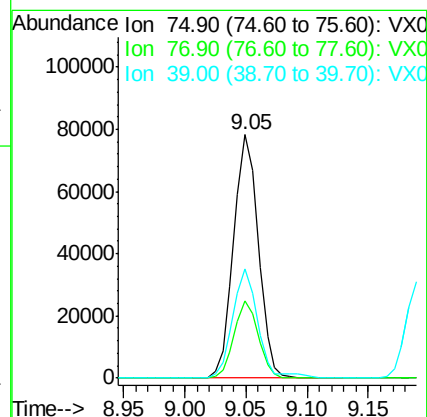
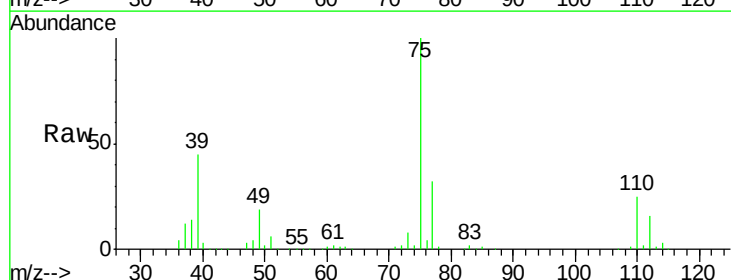
Tgt Ion: 75 Resp: 109031

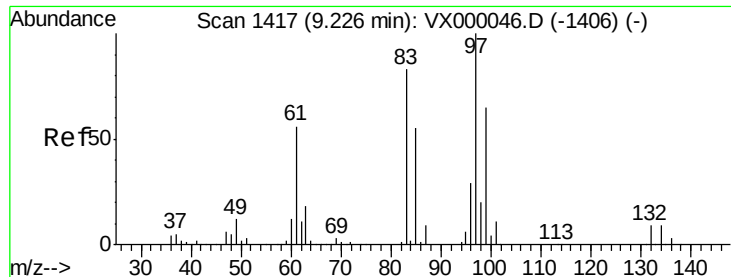
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 44.8 36.1 54.1

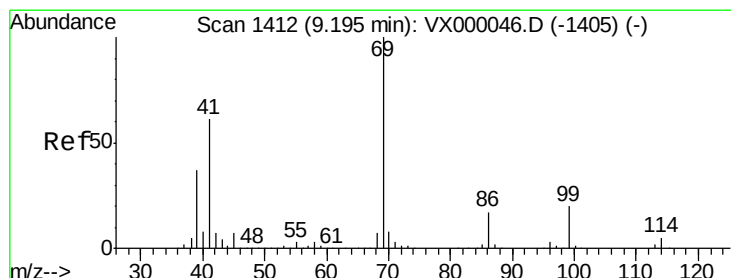
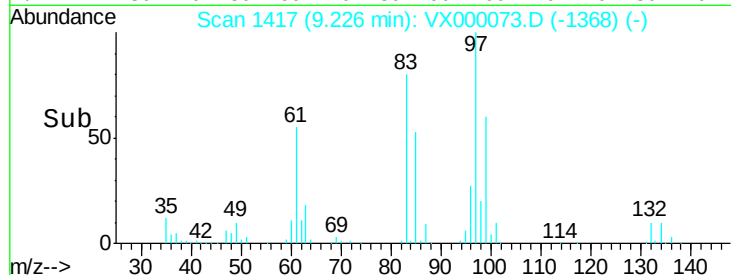
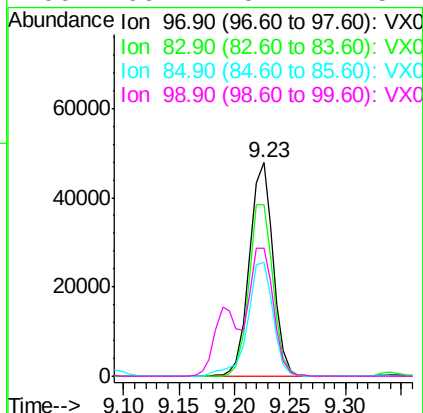
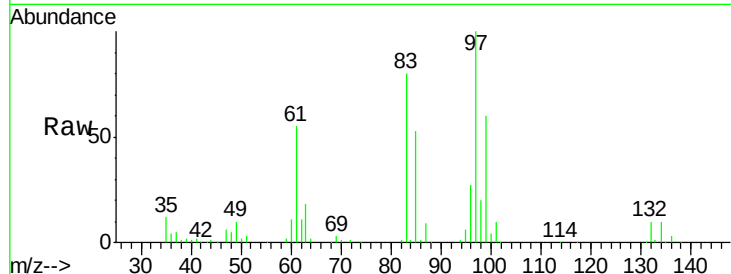




#55
 1,1,2-Trichloroethane
 Concen: 50.36 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

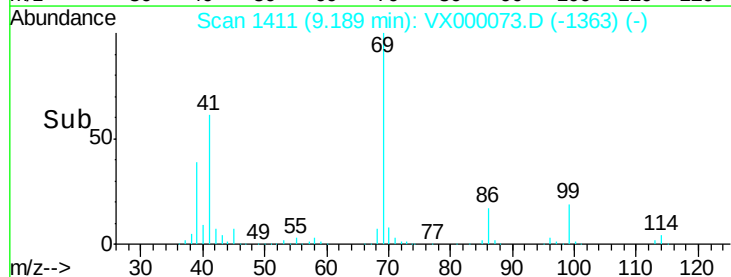
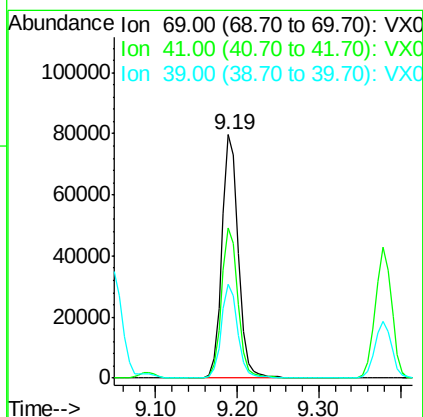
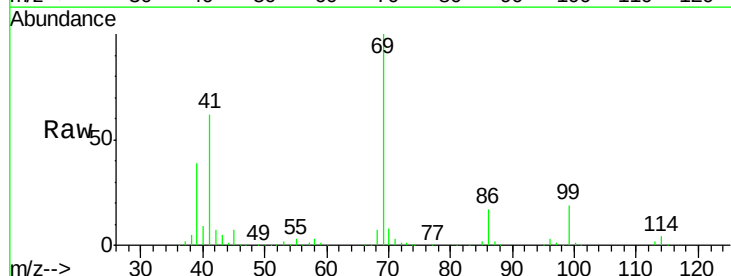
Instrument :
 ClientSampleId :
 VSTDCCC050

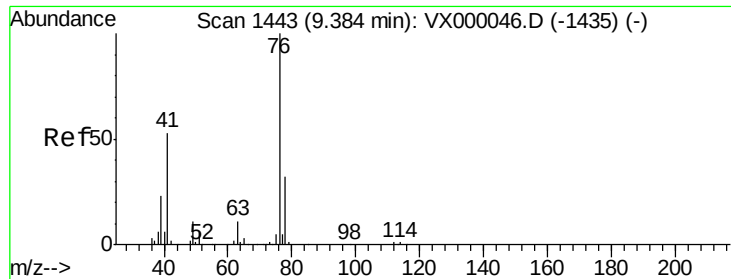
Tgt Ion:	97	Resp:	70953
Ion	Ratio	Lower	Upper
97	100		
83	80.3	66.5	99.7
85	53.2	43.8	65.6
99	60.1	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 51.63 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion:	69	Resp:	111614
Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.5	74.3
39	38.2	29.9	44.9

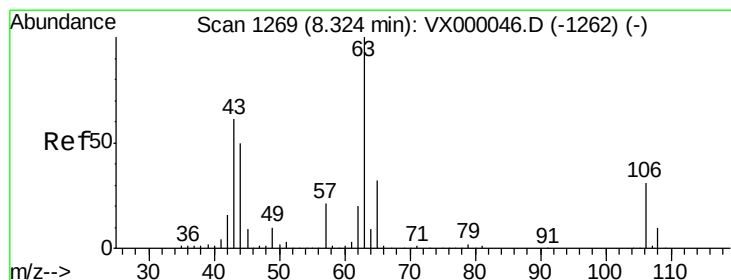
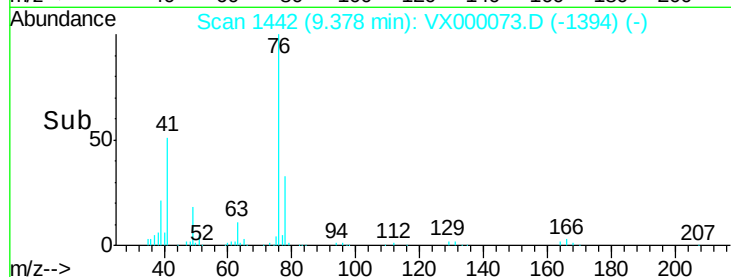
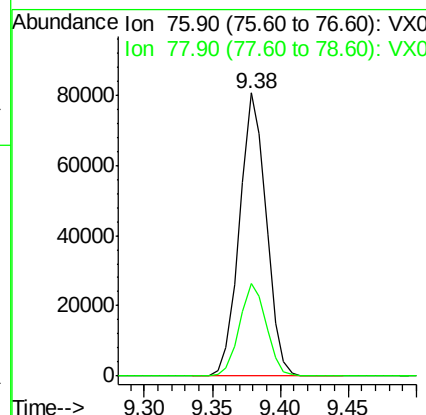
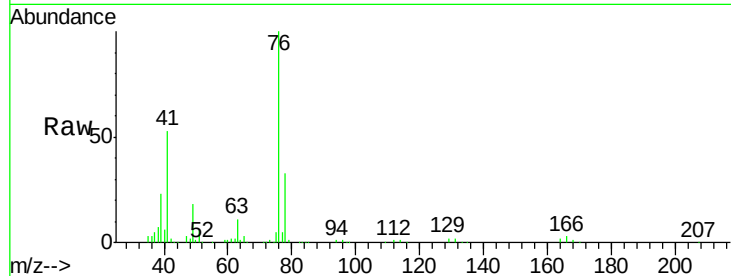




#57
 1,3-Dichloropropane
 Concen: 50.26 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

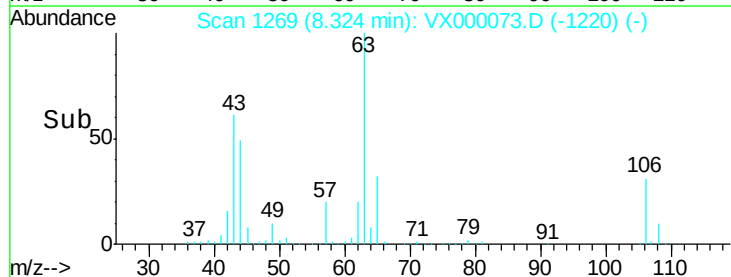
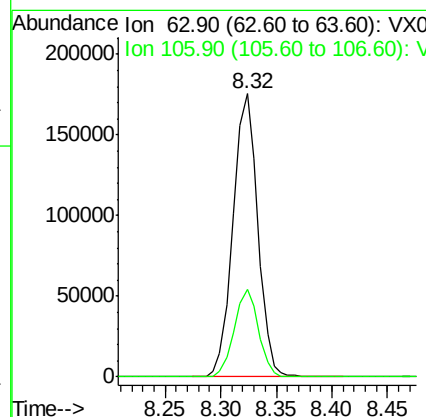
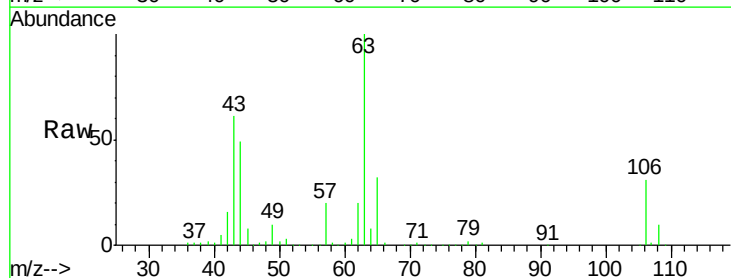
Instrument :
 ClientSampleId :
 VSTDCCC050

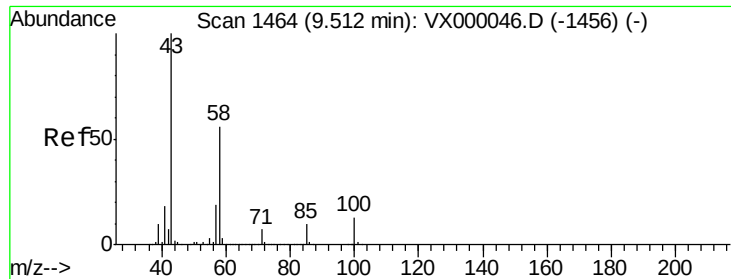
Tgt Ion: 76 Resp: 110181
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.30 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 63 Resp: 269367
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1

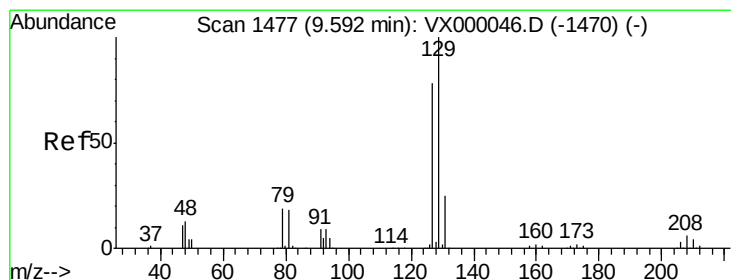
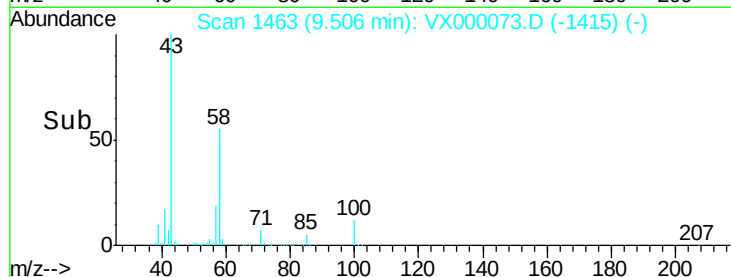
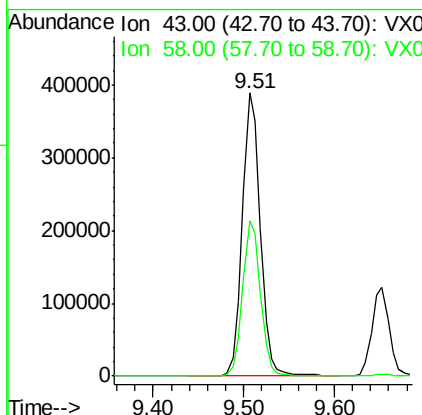
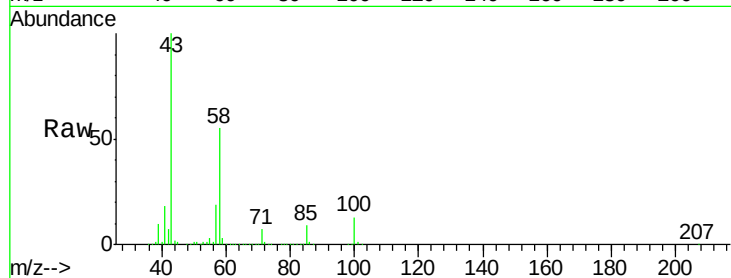




#59
2-Hexanone
Concen: 274.42 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

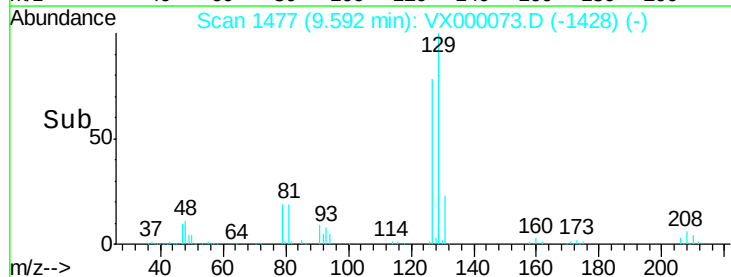
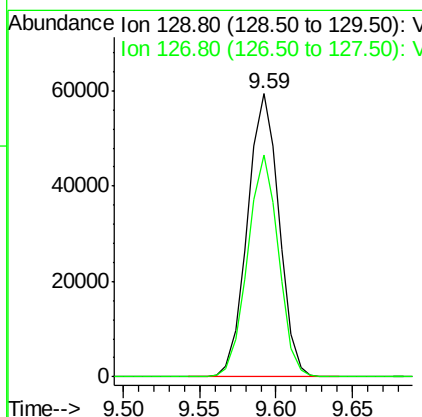
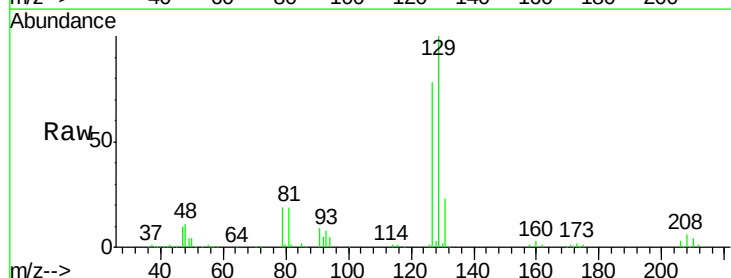
Instrument :
ClientSampleId :
VSTDCCC050

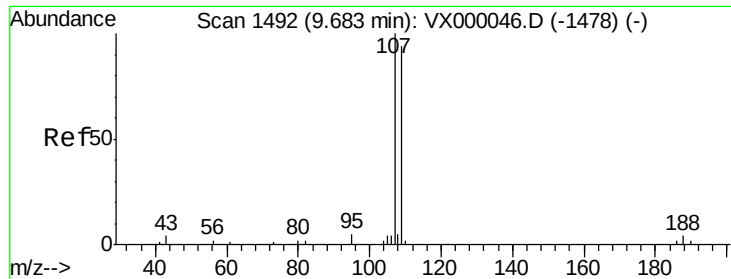
Tgt Ion: 43 Resp: 535887
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.7



#60
Dibromochloromethane
Concen: 52.61 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 129 Resp: 85258
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.46 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

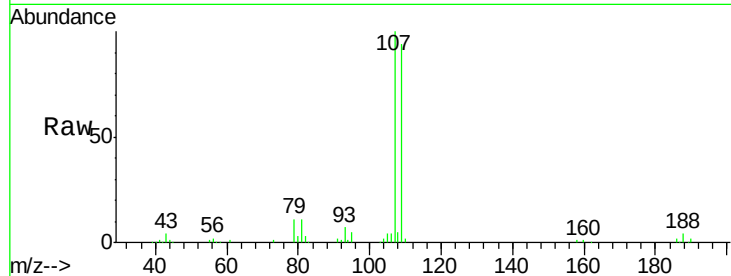
VSTDCCC050

Tgt Ion: 107 Resp: 79871

Ion Ratio Lower Upper

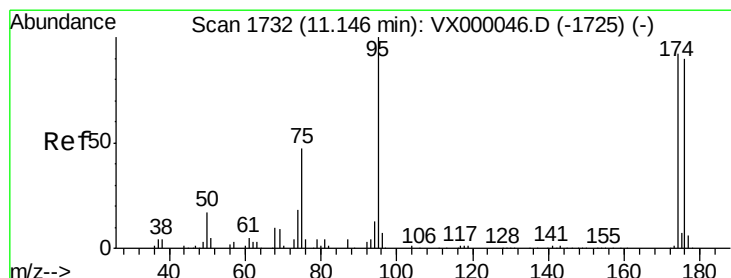
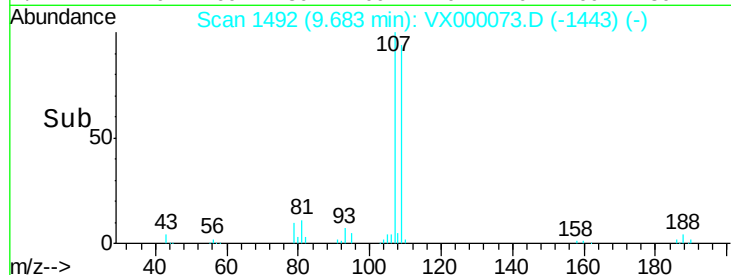
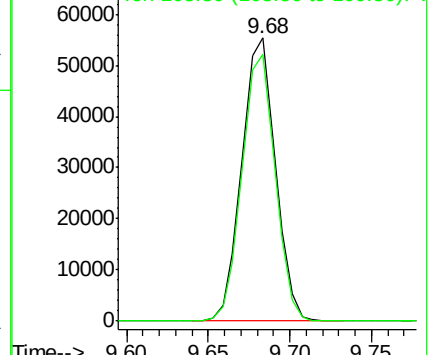
107 100

109 93.3 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.88 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

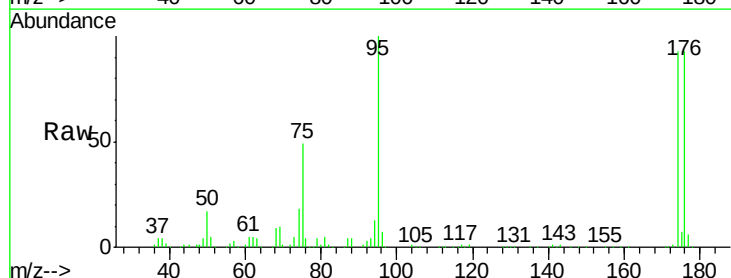
Tgt Ion: 95 Resp: 89594

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.6

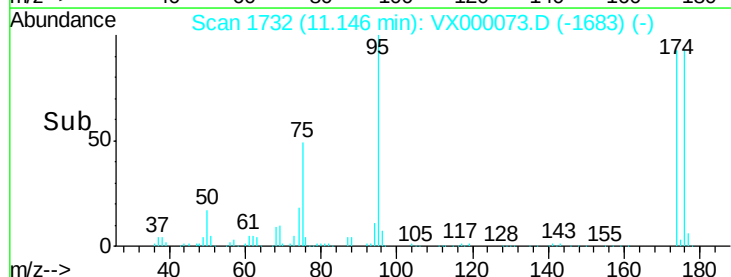
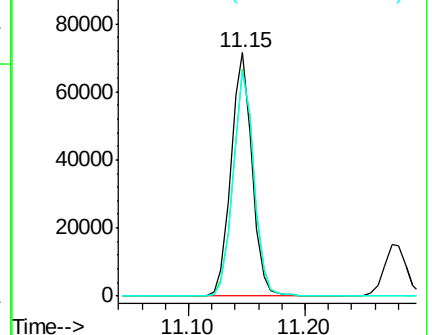
176 91.5 0.0 181.8

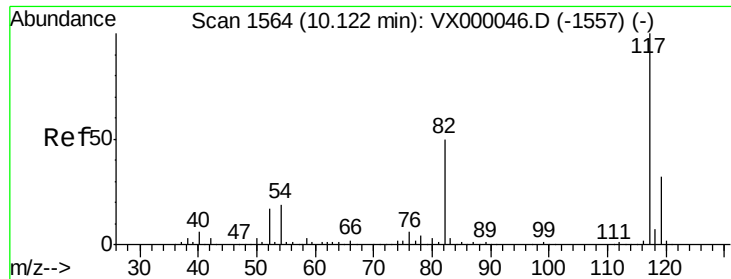


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

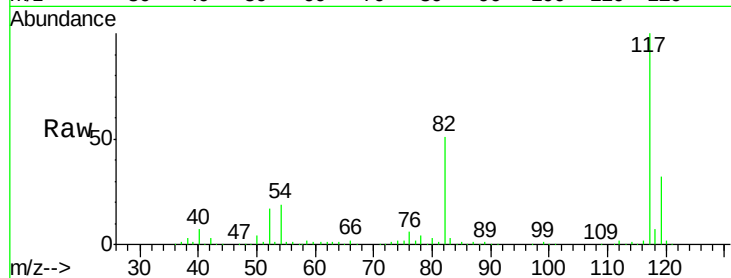




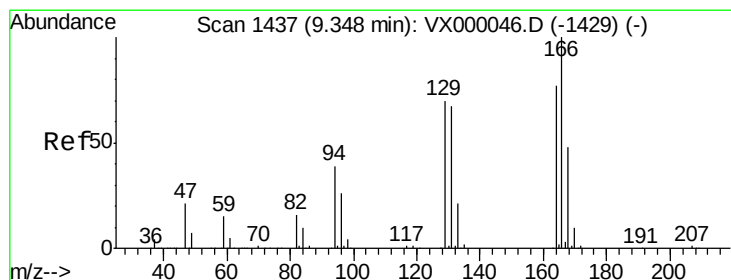
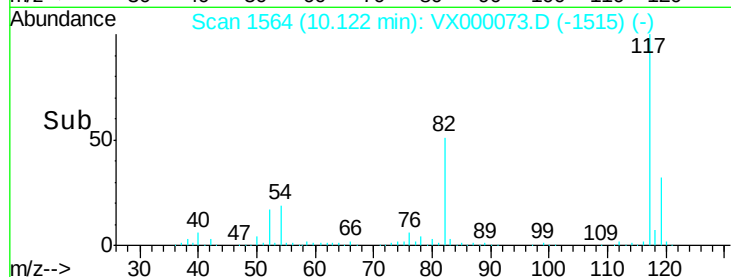
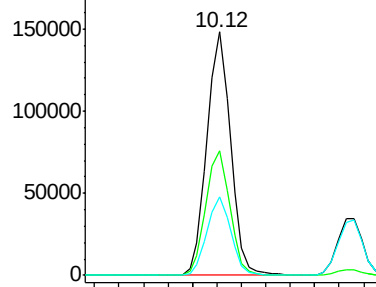
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 198705
Ion Ratio Lower Upper
117 100
82 51.2 40.3 60.5
119 32.3 25.3 37.9

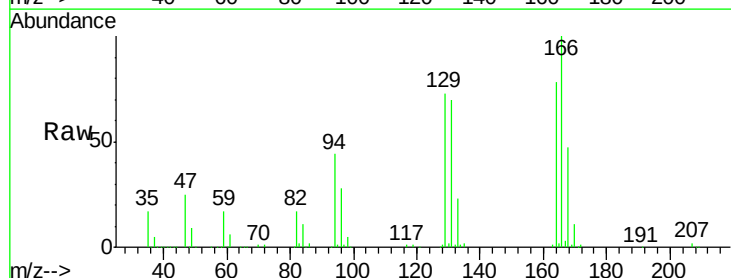


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

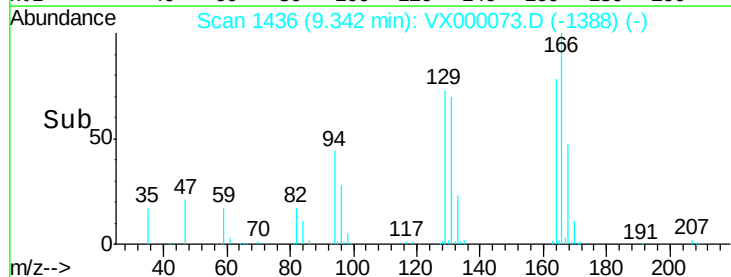
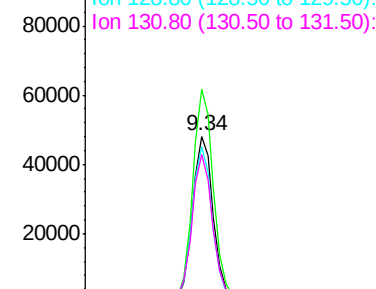


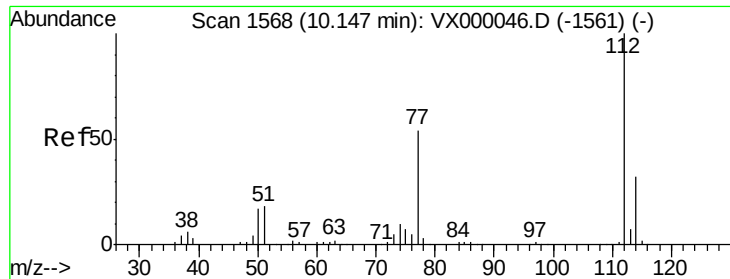
#64
Tetrachloroethene
Concen: 49.98 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion:164 Resp: 73930
Ion Ratio Lower Upper
164 100
166 127.9 103.7 155.5
129 93.6 72.2 108.4
131 88.9 69.1 103.7



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

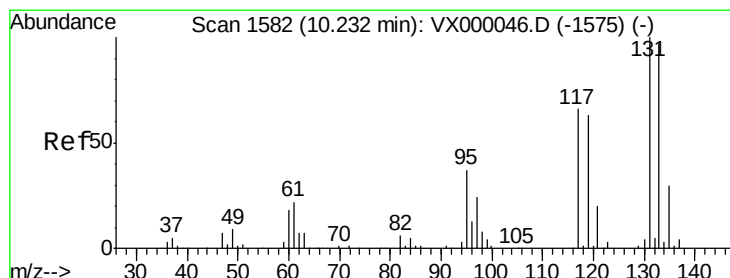
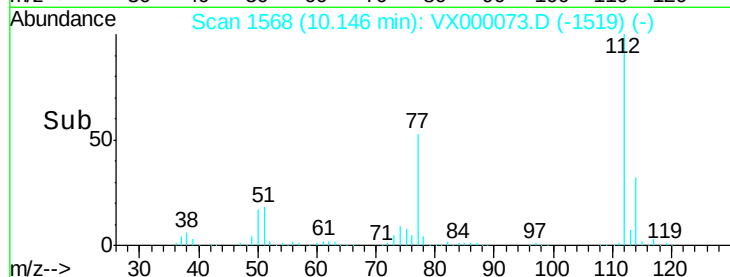
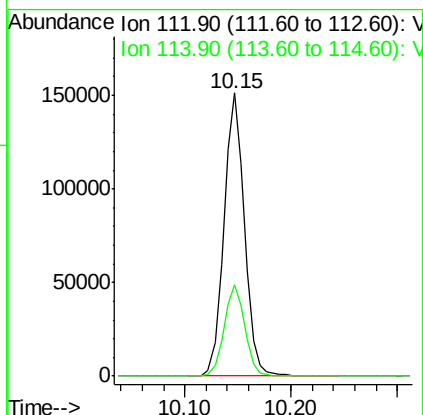
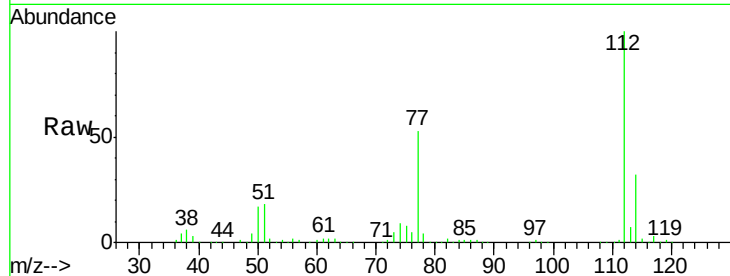




#65
Chlorobenzene
Concen: 49.11 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

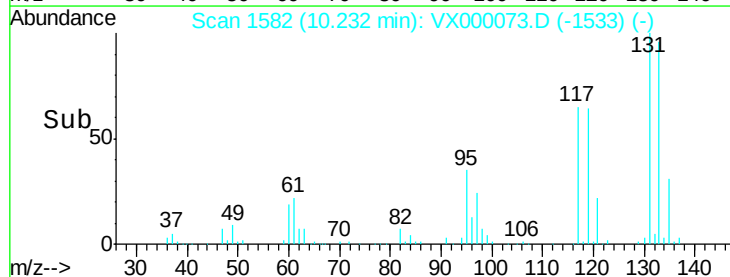
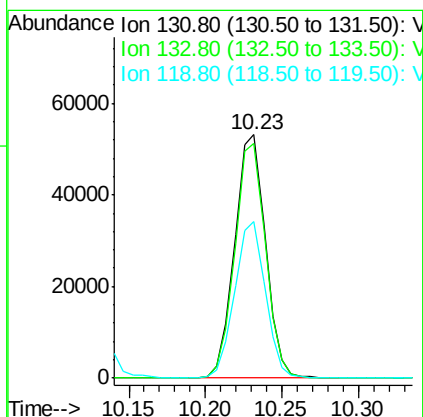
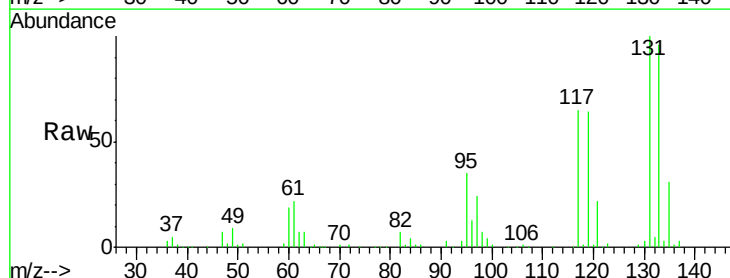
Instrument :
ClientSampled :
VSTDCCC050

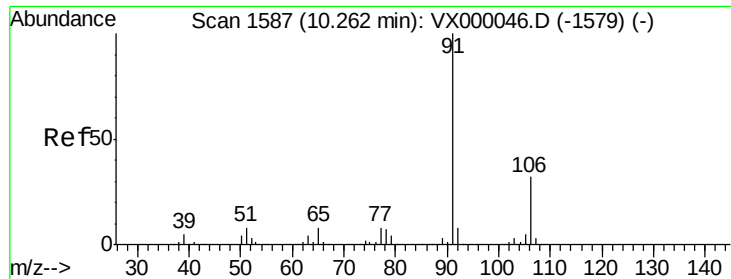
Tgt Ion:112 Resp: 202818
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.07 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion:131 Resp: 74350
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 64.2 31.7 95.1





#67

Ethyl Benzene

Concen: 49.56 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

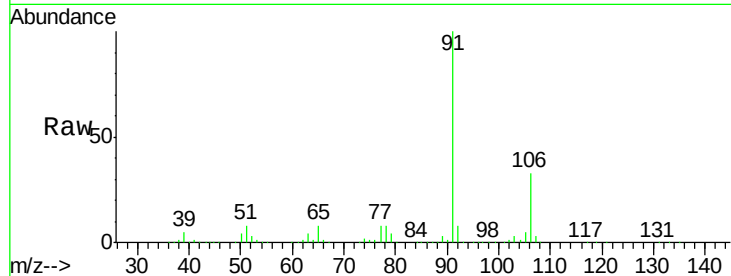
VSTDCCC050

Tgt Ion: 91 Resp: 339293

Ion Ratio Lower Upper

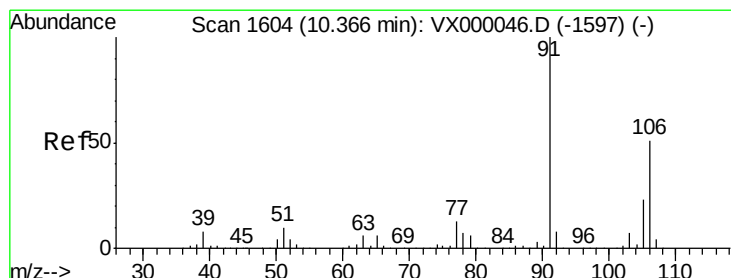
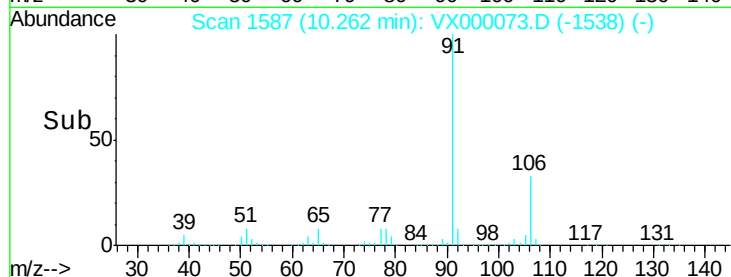
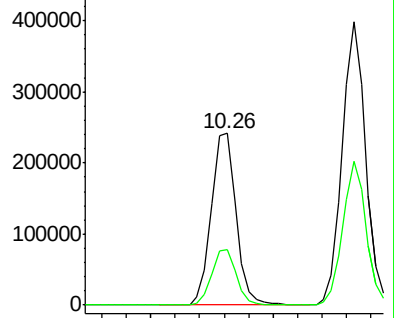
91 100

106 32.6 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX000046.D (-1579) (-)



#68

m/p-Xylenes

Concen: 99.56 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000073.D

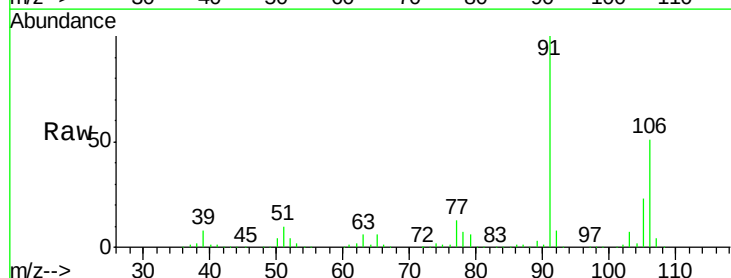
Acq: 13 Feb 2018 12:37

Tgt Ion: 106 Resp: 271480

Ion Ratio Lower Upper

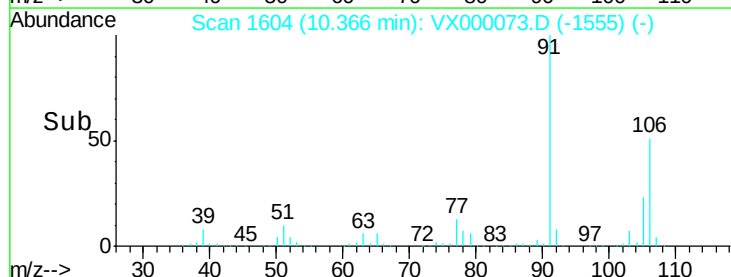
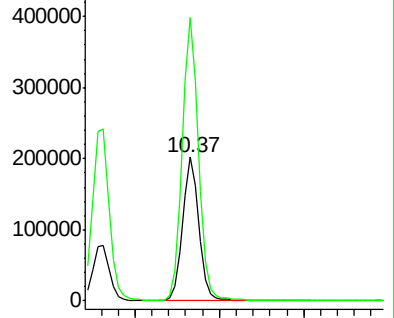
106 100

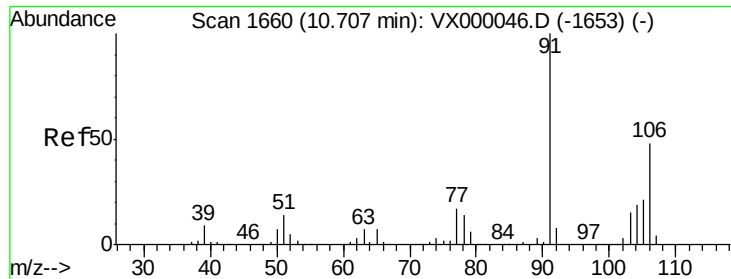
91 198.0 158.3 237.5



Abundance Ion 106.00 (105.70 to 106.70): VX000046.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX000046.D (-1597) (-)

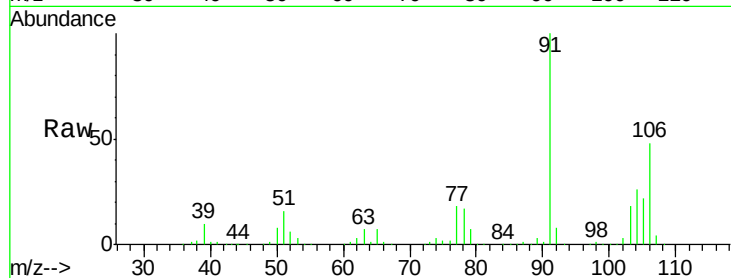




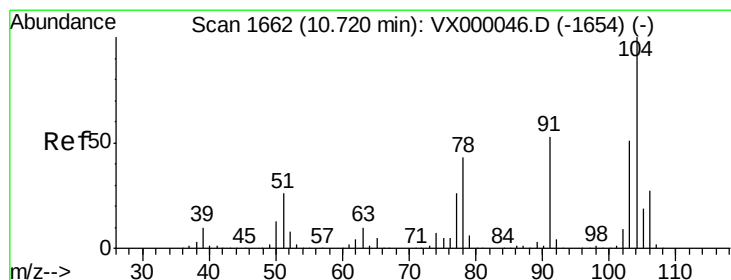
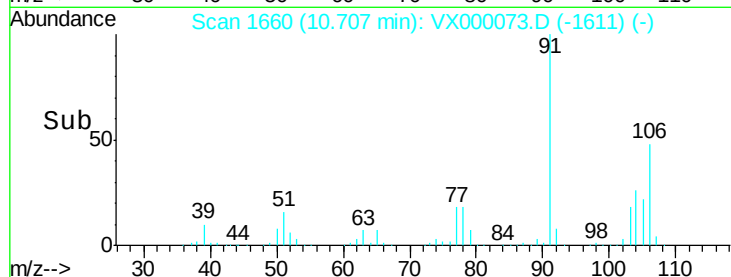
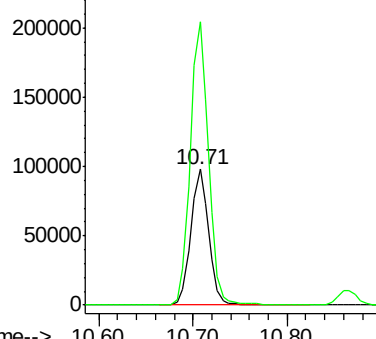
#69
o-Xylene
Concen: 49.24 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 129601
Ion Ratio Lower Upper
106 100
91 211.0 104.0 312.0

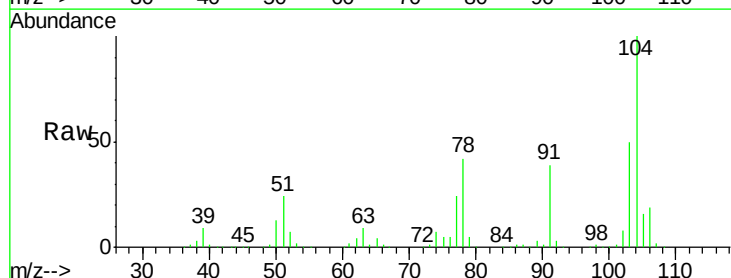


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

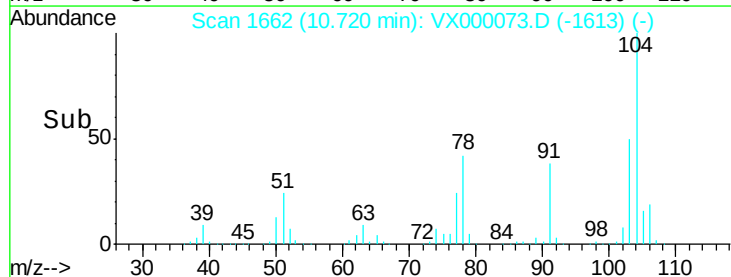
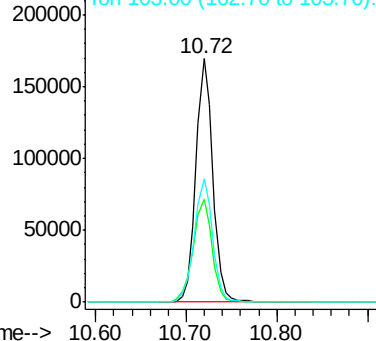


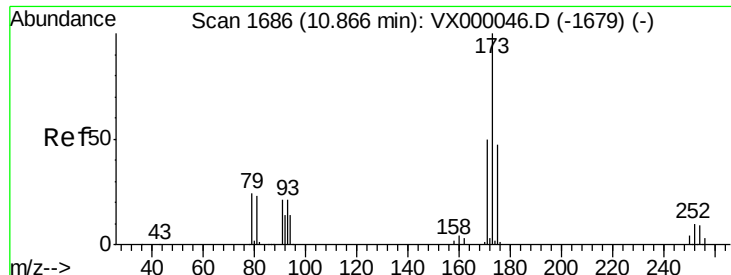
#70
Styrene
Concen: 49.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion:104 Resp: 220553
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 54.9 44.0 66.0



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





#71

Bromoform

Concen: 52.33 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampled :

VSTDCCC050

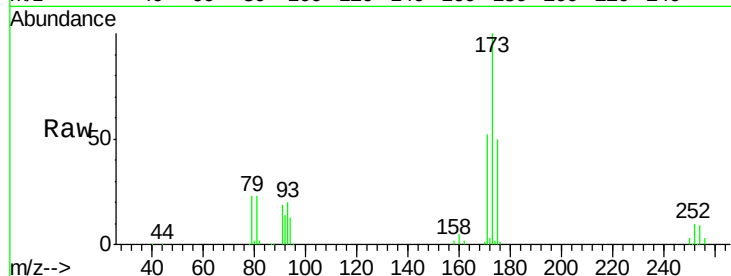
Tgt Ion:173 Resp: 73524

Ion Ratio Lower Upper

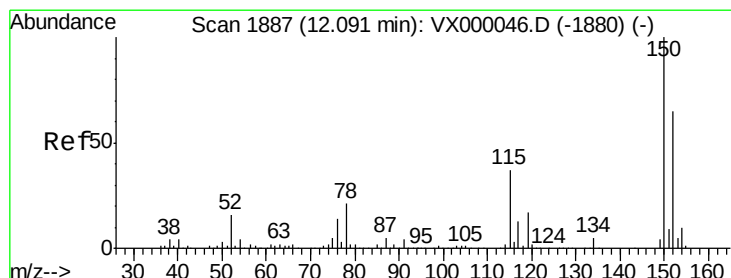
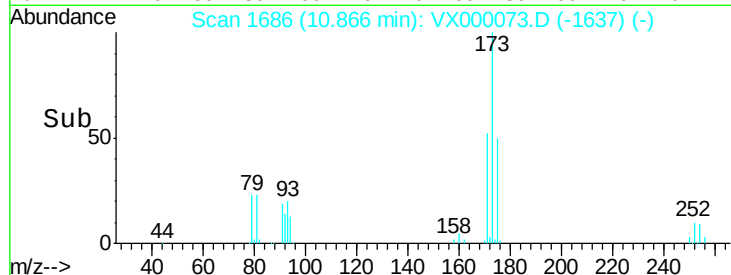
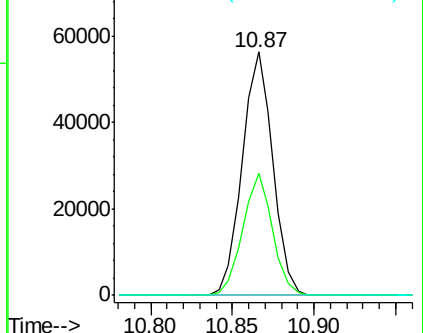
173 100

175 48.5 23.9 71.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

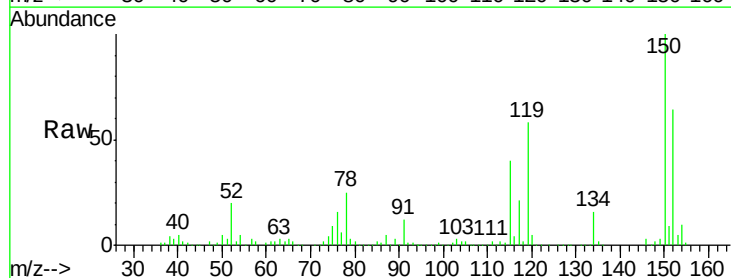
Tgt Ion:152 Resp: 116842

Ion Ratio Lower Upper

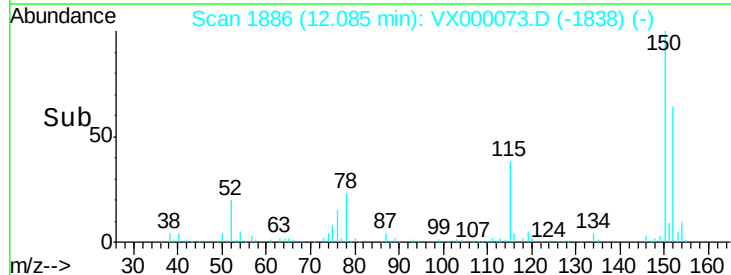
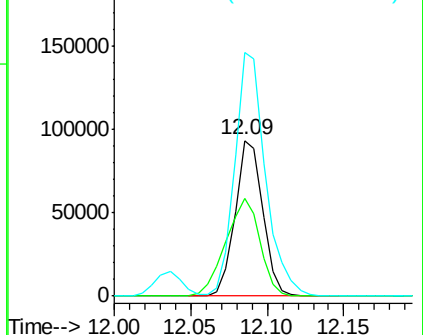
152 100

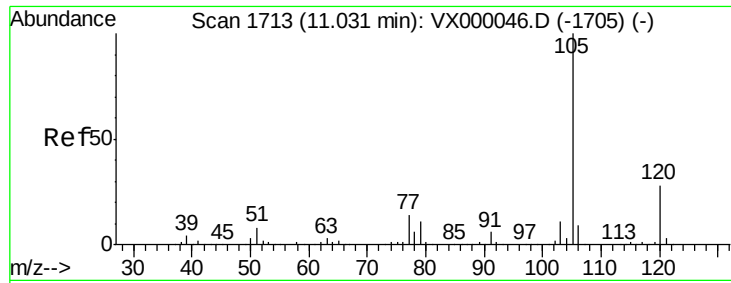
115 77.7 39.3 117.8

150 174.1 0.0 349.2



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





#73

Isopropylbenzene

Concen: 48.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

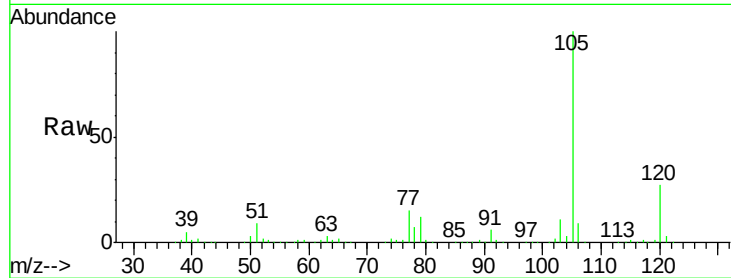
VSTDCCC050

Tgt Ion: 105 Resp: 358501

Ion Ratio Lower Upper

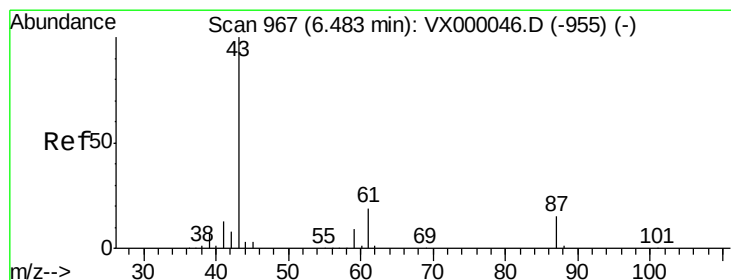
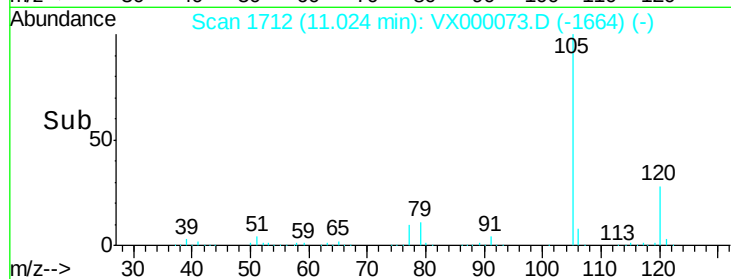
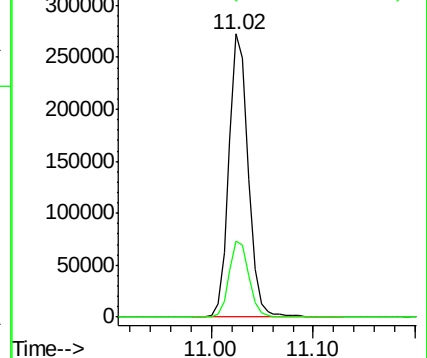
105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.20 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Tgt Ion: 43 Resp: 171407

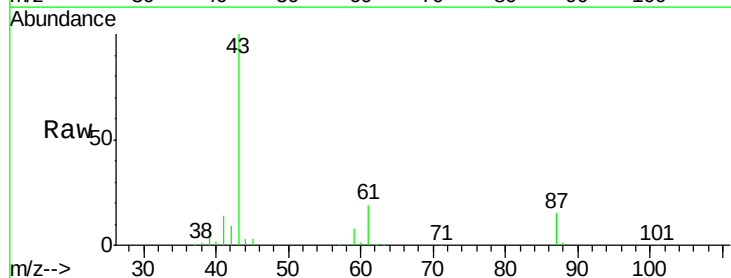
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.6 15.9 23.9

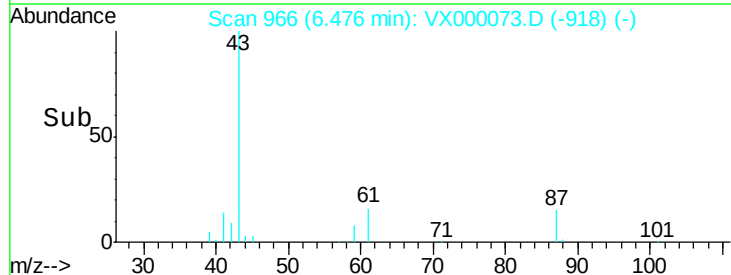
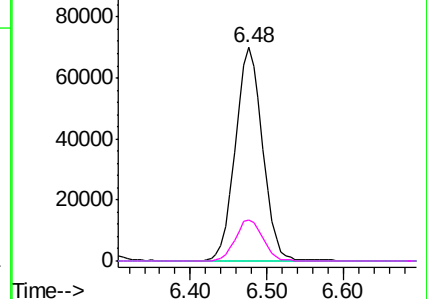


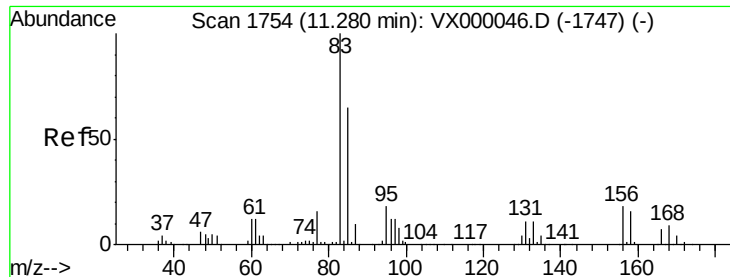
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

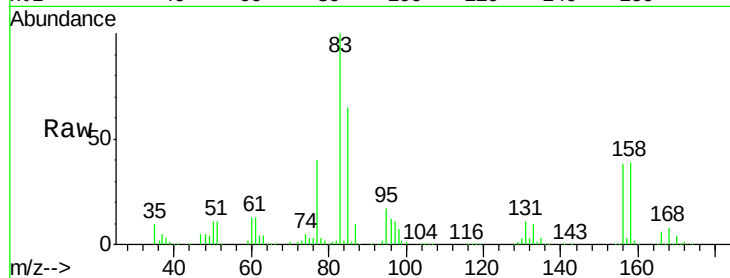
Tgt Ion: 83 Resp: 119057

Ion Ratio Lower Upper

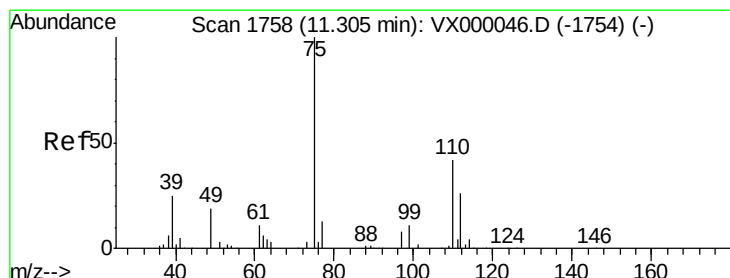
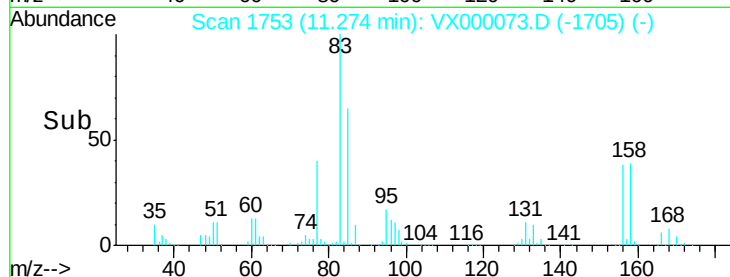
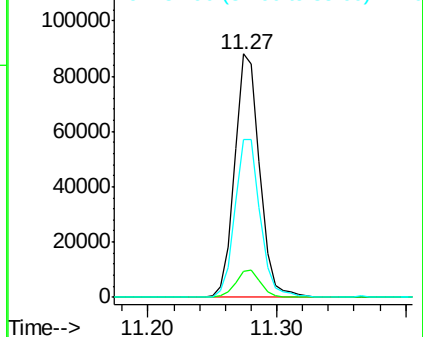
83 100

131 11.1 5.5 16.7

85 66.0 32.6 97.7



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



#76

1,2,3-Trichloropropane

Concen: 68.72 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000073.D

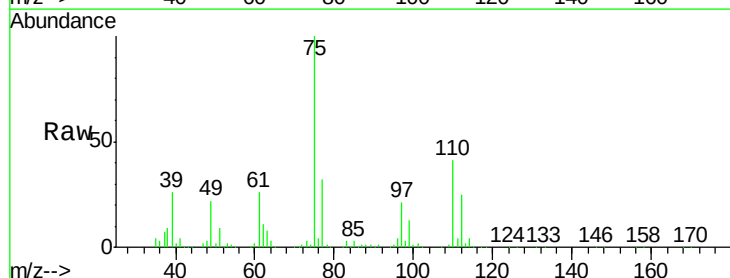
Acq: 13 Feb 2018 12:37

Tgt Ion: 75 Resp: 151222

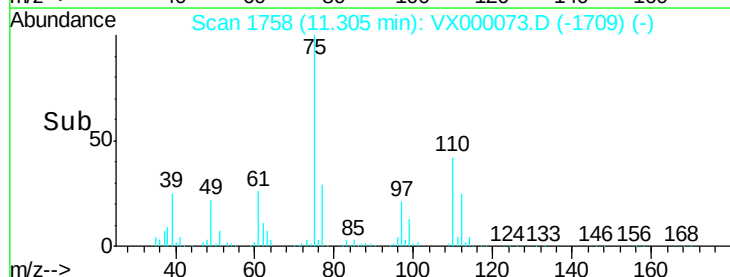
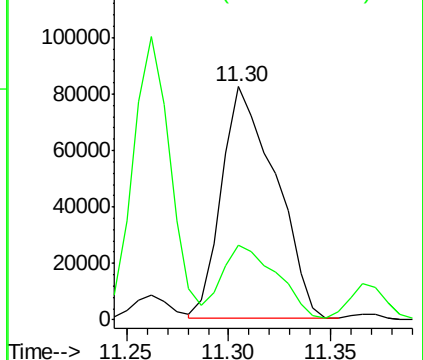
Ion Ratio Lower Upper

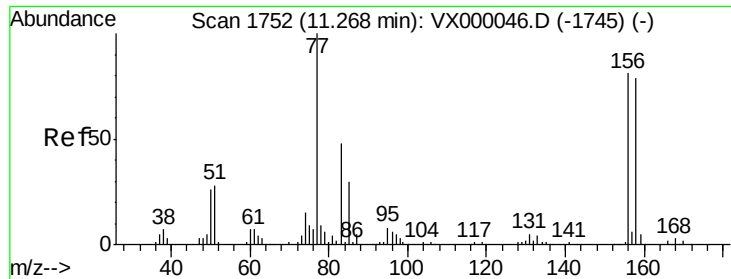
75 100

77 33.0 23.7 71.1



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





#77

Bromobenzene

Concen: 48.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

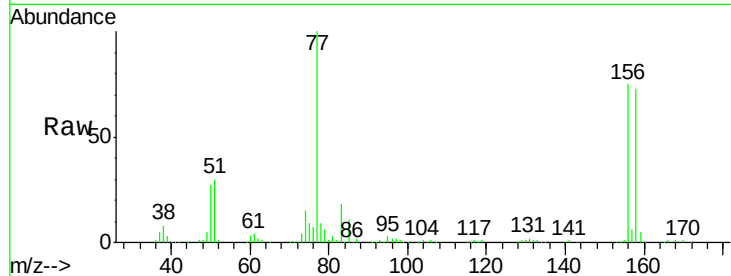
Tgt Ion:156 Resp: 96761

Ion Ratio Lower Upper

156 100

77 132.5 66.2 198.6

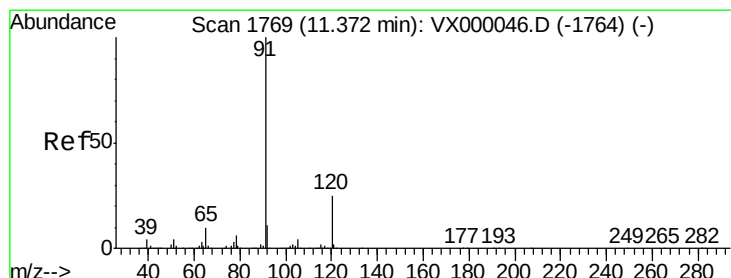
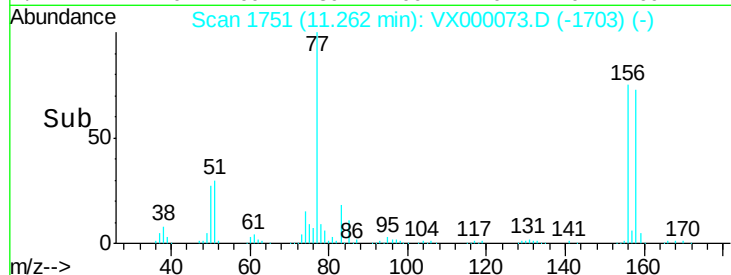
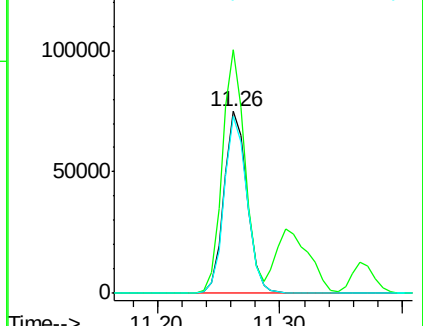
158 97.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.47 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000073.D

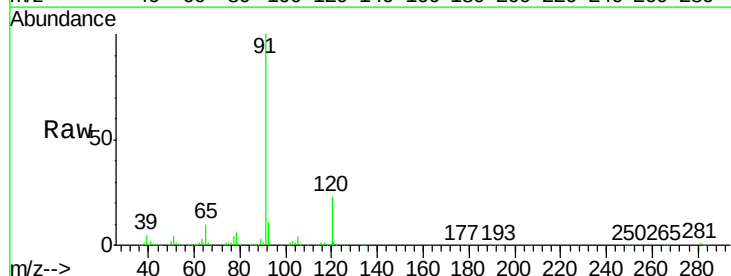
Acq: 13 Feb 2018 12:37

Tgt Ion: 91 Resp: 416661

Ion Ratio Lower Upper

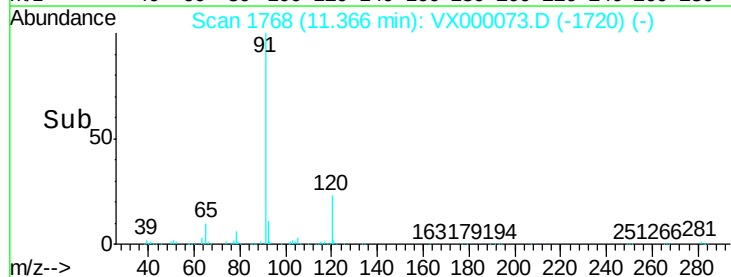
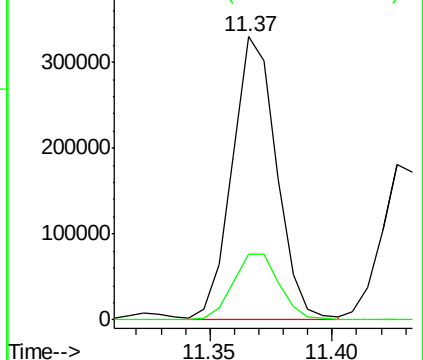
91 100

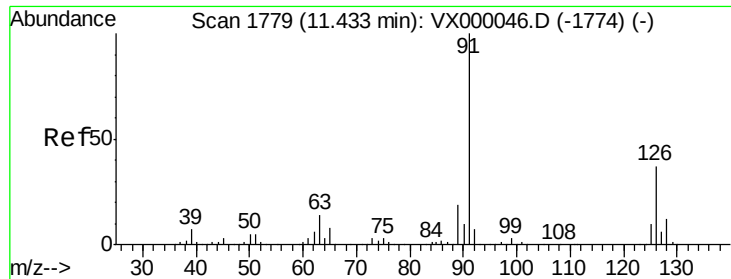
120 24.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

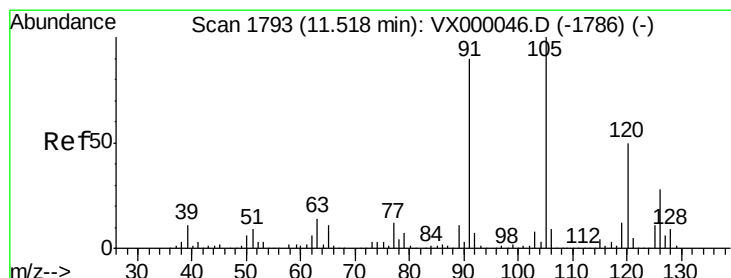
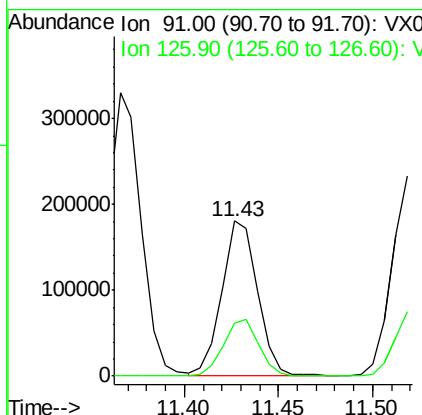
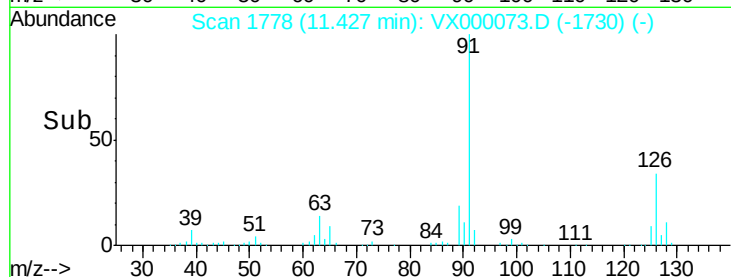
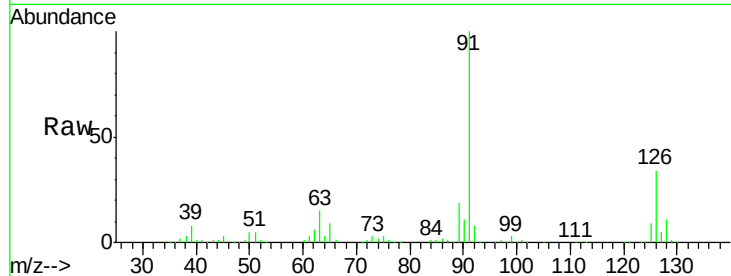




#79
 2-Chlorotoluene
 Concen: 48.08 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

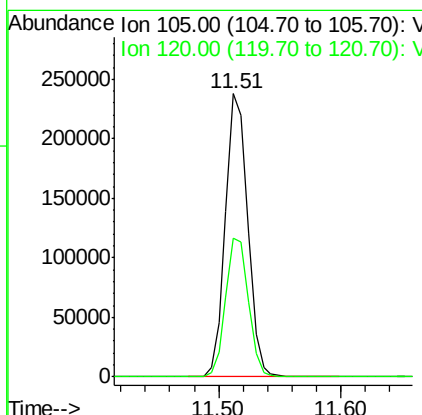
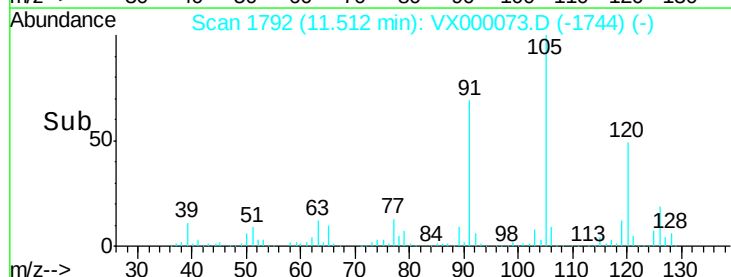
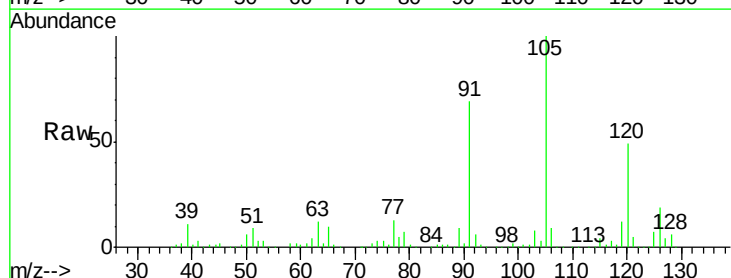
Instrument :
 ClientSampled :
 VSTDCCC050

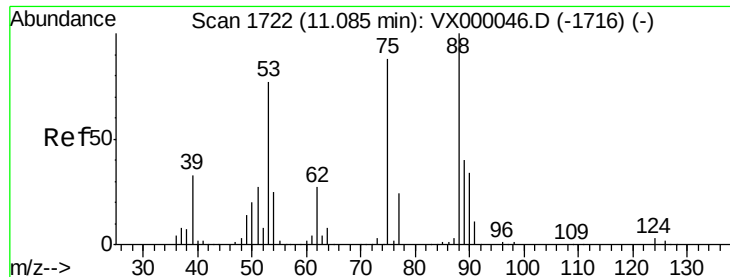
Tgt Ion: 91 Resp: 238989
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.2 54.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.43 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 105 Resp: 300828
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.8 74.3

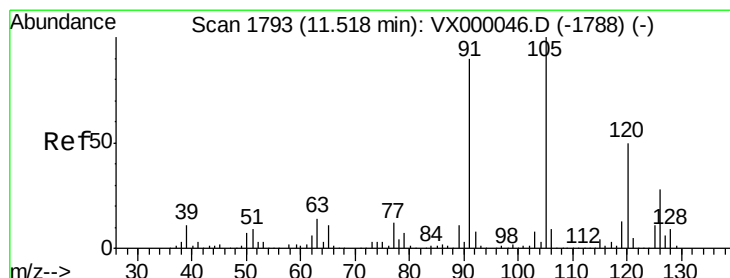
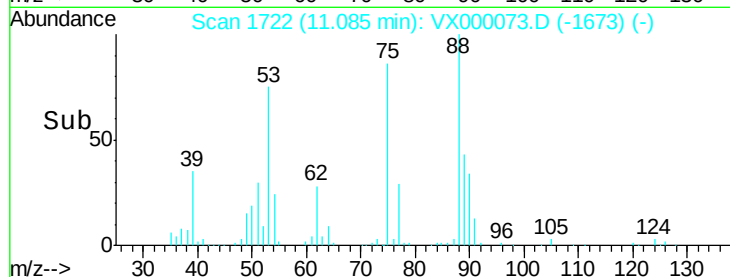
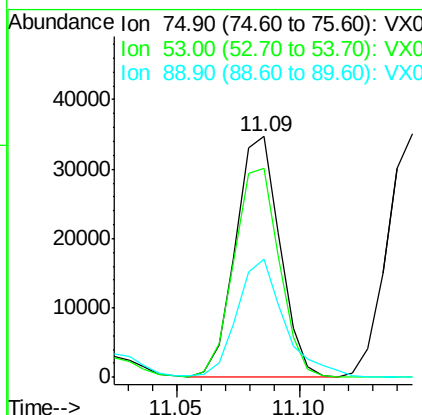
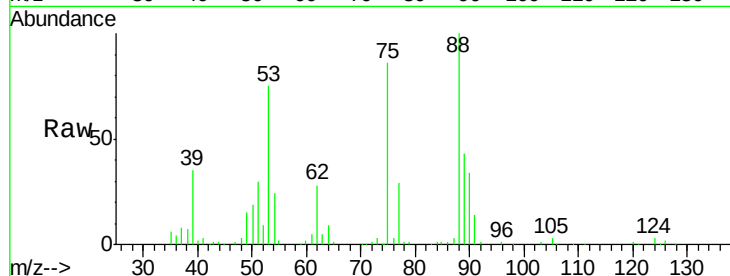




#81
trans-1,4-Dichloro-2-butene
Concen: 48.94 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

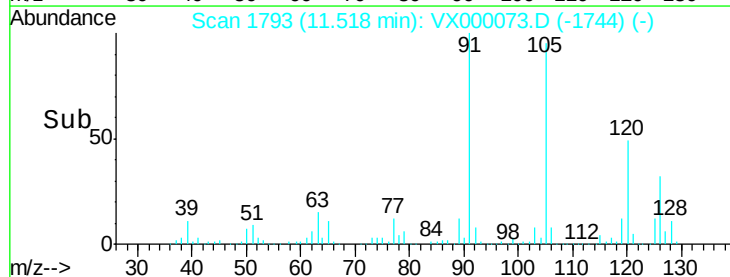
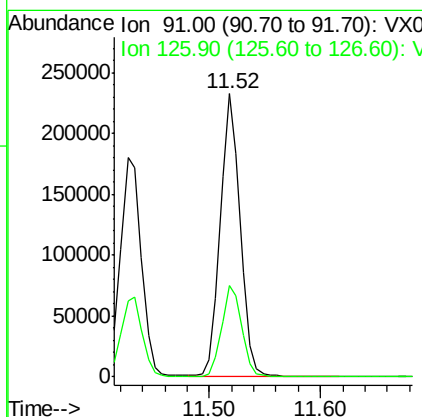
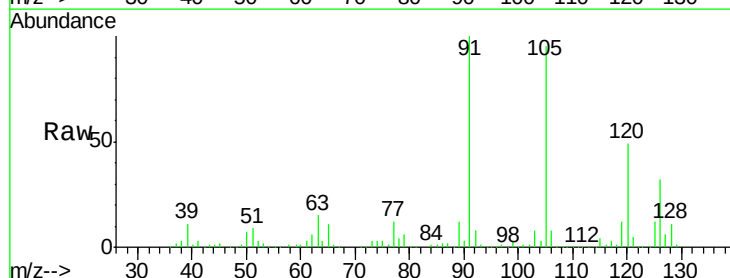
Instrument :
ClientSampleId :
VSTDCCC050

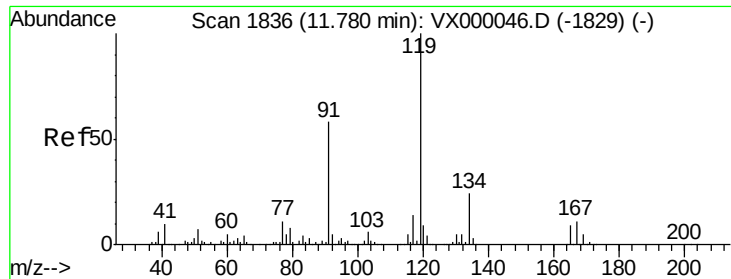
Tgt Ion: 75 Resp: 43529
Ion Ratio Lower Upper
75 100
53 89.8 70.3 105.5
89 53.3 48.6 72.8



#82
4-Chlorotoluene
Concen: 48.49 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion: 91 Resp: 288034
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

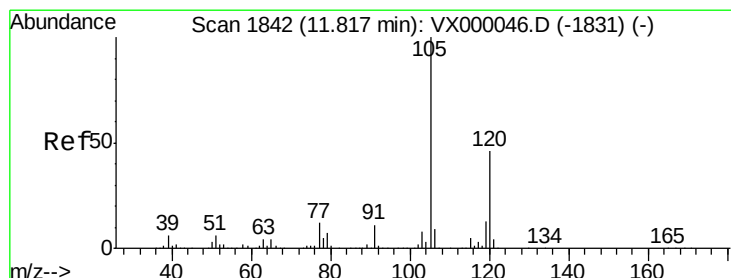
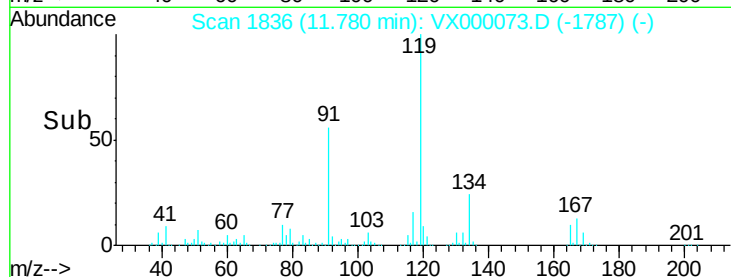
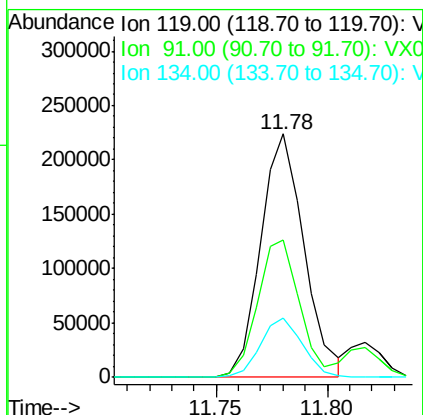
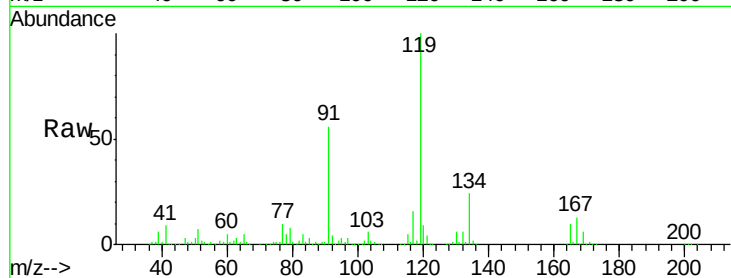




#83
 tert-Butylbenzene
 Concen: 48.38 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

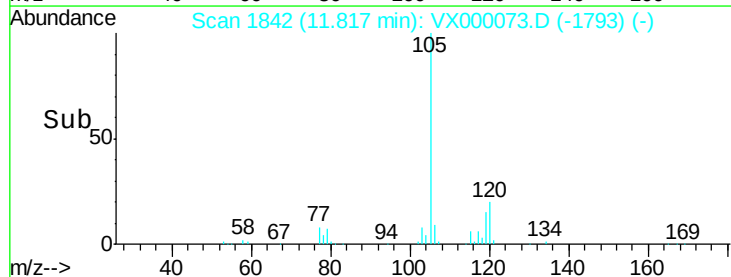
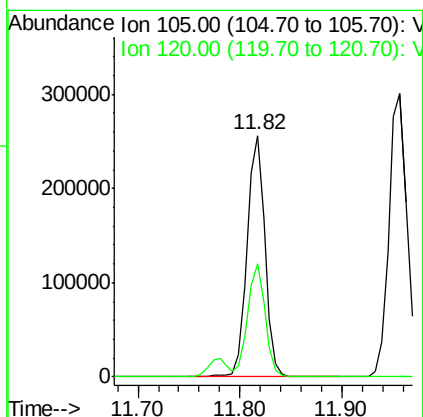
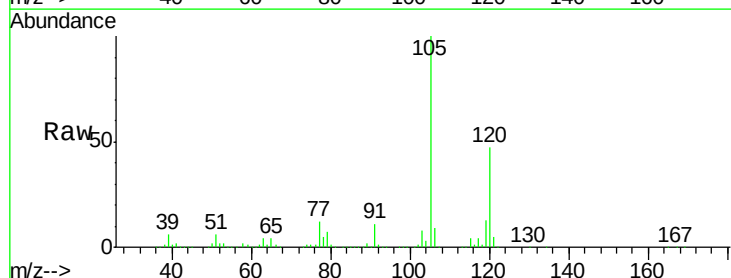
Instrument :
 ClientSampleId :
 VSTDCCC050

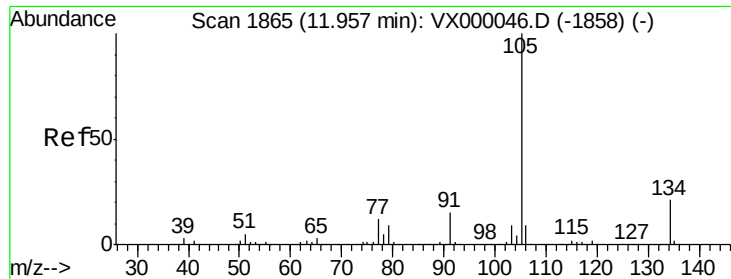
Tgt Ion:119 Resp: 303637
 Ion Ratio Lower Upper
 119 100
 91 54.1 27.9 83.7
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.95 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion:105 Resp: 311159
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.2

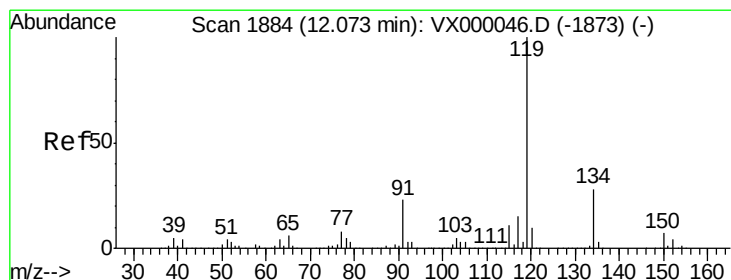
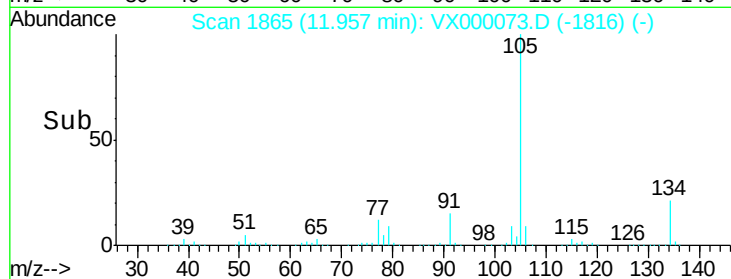
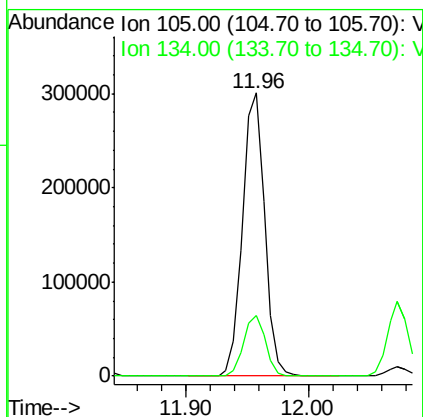
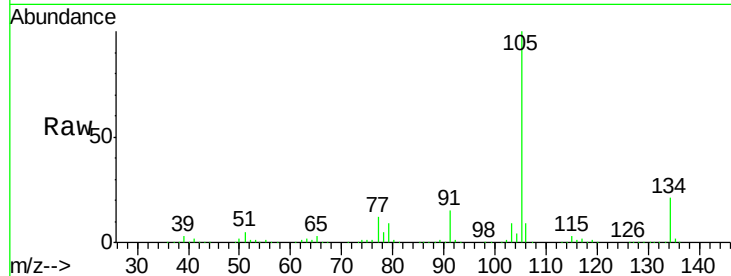




#85
 sec-Butylbenzene
 Concen: 48.70 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

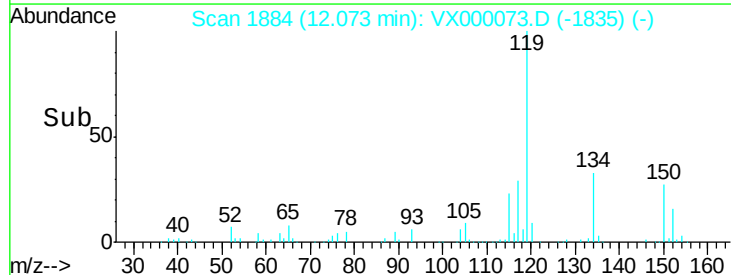
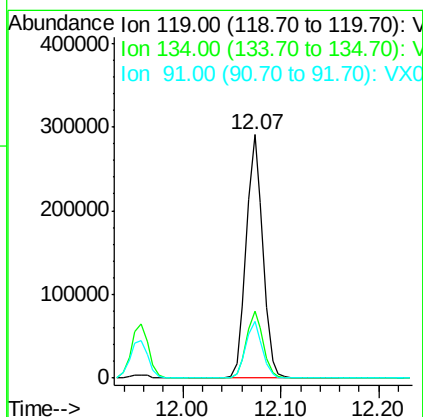
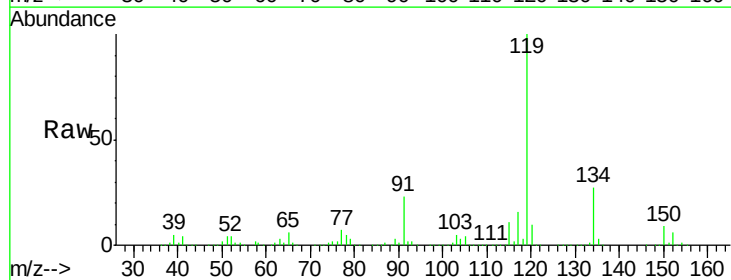
Instrument :
 ClientSampleId :
 VSTDCCC050

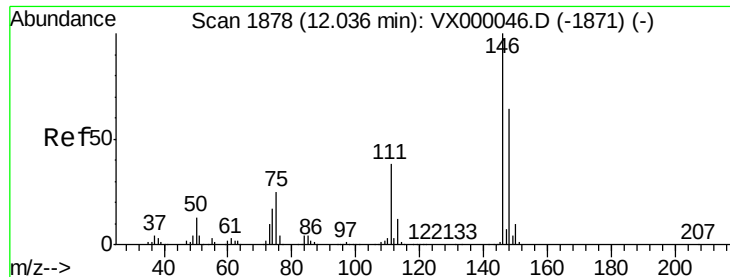
Tgt Ion:105 Resp: 376056
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 49.12 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion:119 Resp: 341067
 Ion Ratio Lower Upper
 119 100
 134 27.7 14.0 41.9
 91 23.1 11.6 34.7

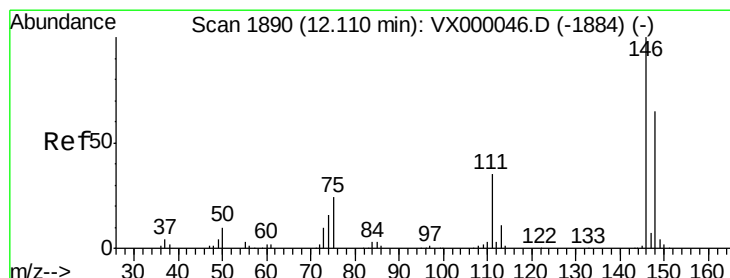
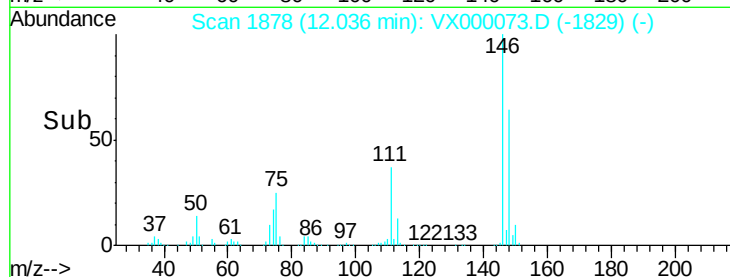
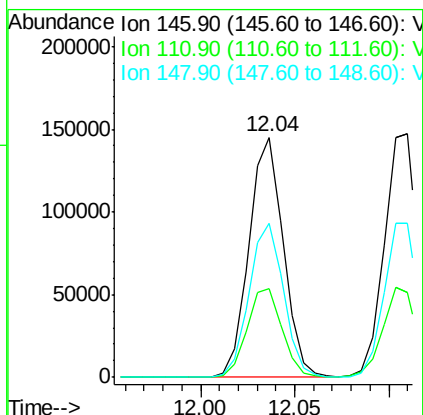
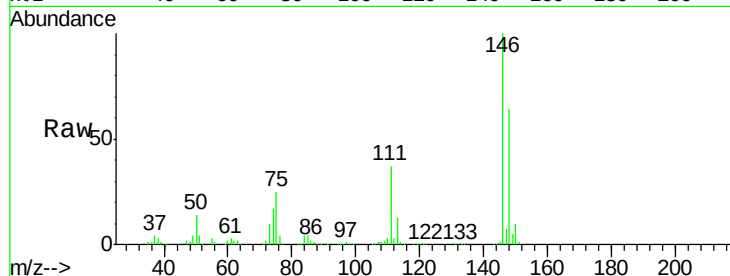




#87
 1,3-Dichlorobenzene
 Concen: 48.43 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

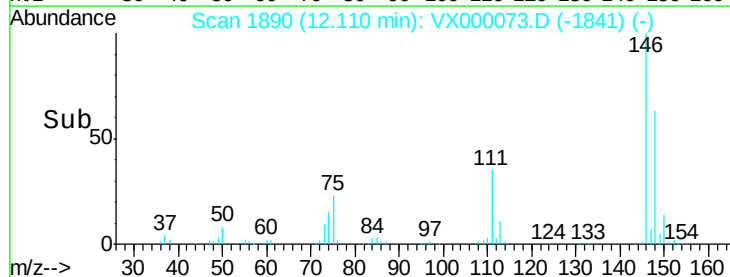
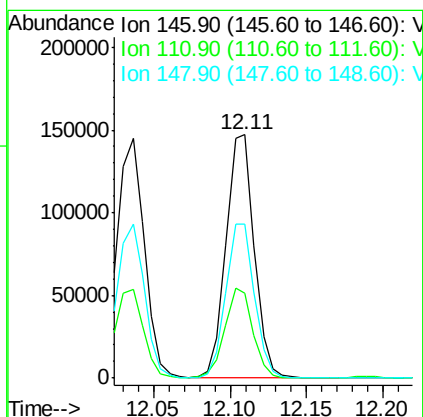
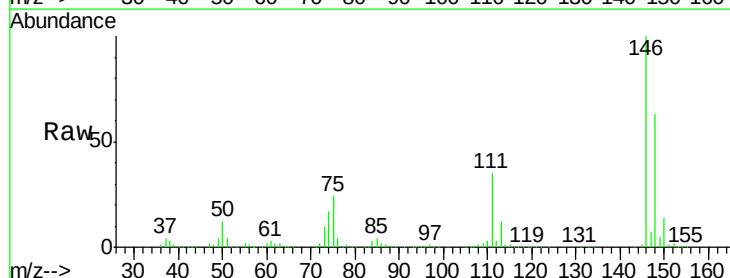
Instrument :
 ClientSampled :
 VSTDCCC050

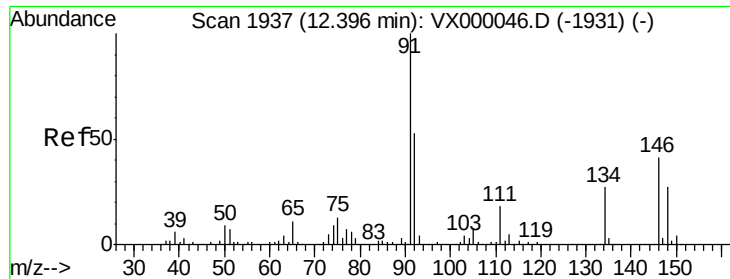
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	64.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.65 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	64.1	32.1	96.5





#89

n-Butylbenzene

Concen: 49.13 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000073.D

Acq: 13 Feb 2018 12:37

Instrument :

ClientSampleId :

VSTDCCC050

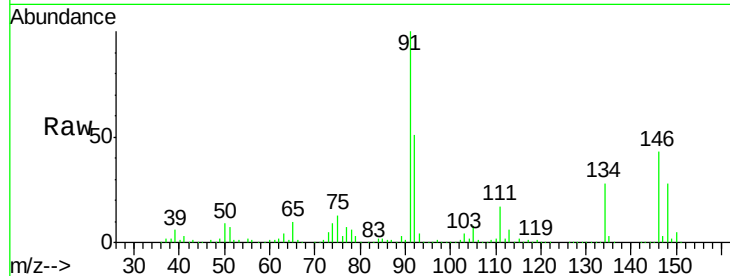
Tgt Ion: 91 Resp: 318696

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.2

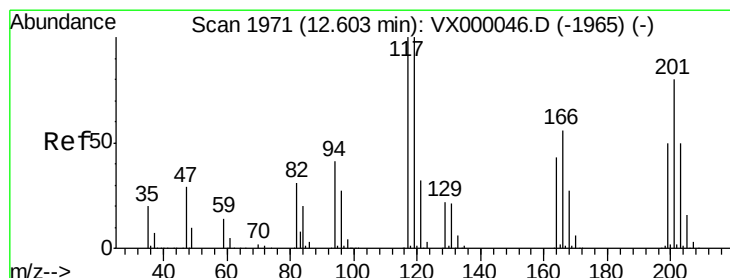
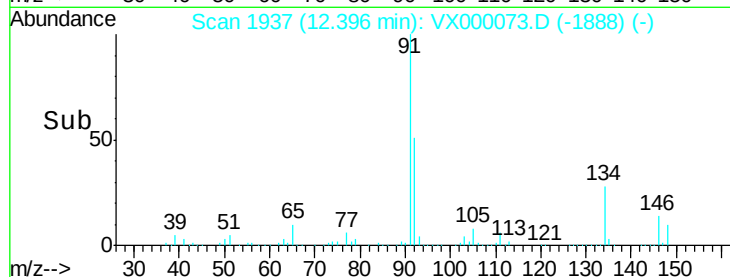
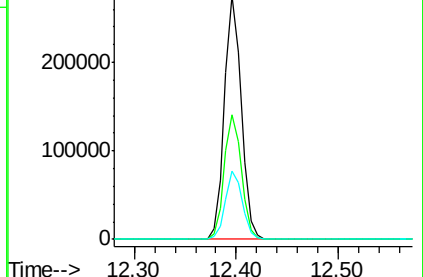
134 28.0 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX000073.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX000073.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX000073.D (-1931) (-)



#90

Hexachloroethane

Concen: 49.39 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000073.D

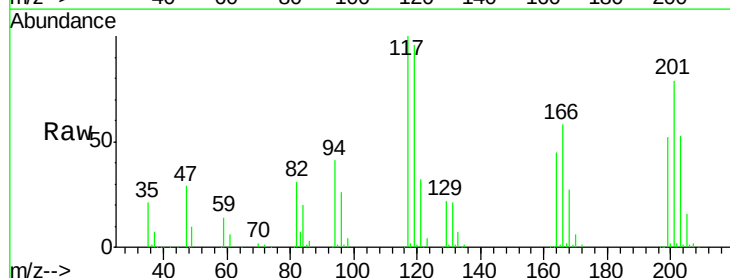
Acq: 13 Feb 2018 12:37

Tgt Ion: 117 Resp: 59973

Ion Ratio Lower Upper

117 100

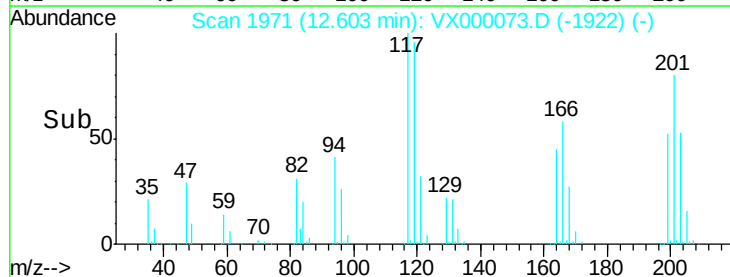
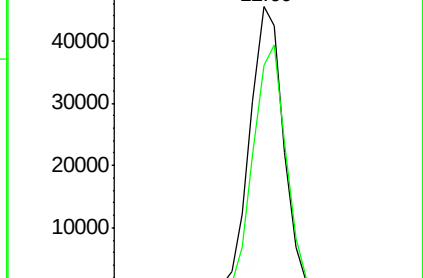
201 85.0 43.5 130.7

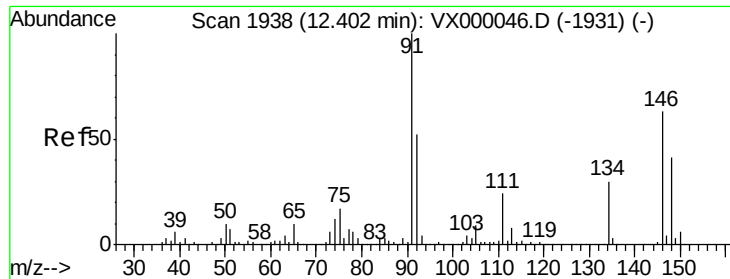


Abundance Ion 116.80 (116.50 to 117.50): VX000073.D (-1965) (-)

Ion 200.70 (200.40 to 201.40): VX000073.D (-1965) (-)

Ion 201.40 (201.10 to 201.70): VX000073.D (-1965) (-)

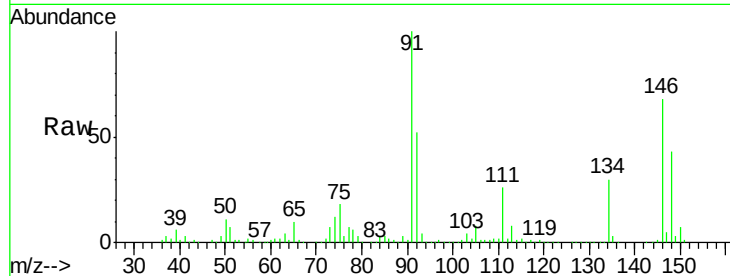




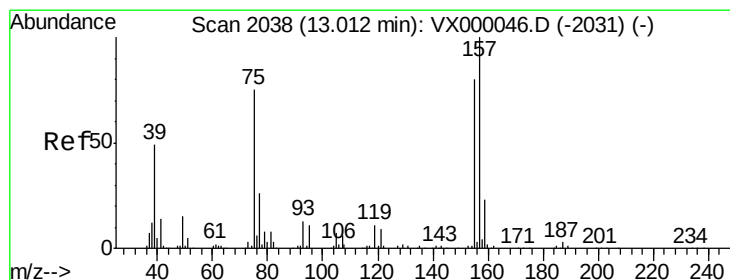
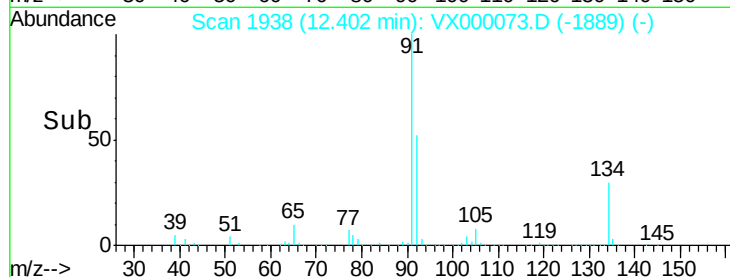
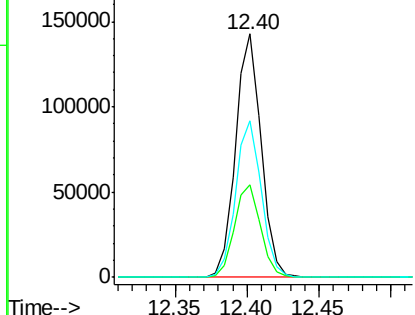
#91
 1,2-Dichlorobenzene
 Concen: 47.72 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampled :
 VSTDCCC050

Tgt Ion:146 Resp: 176951
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.2
 148 64.4 32.0 96.2

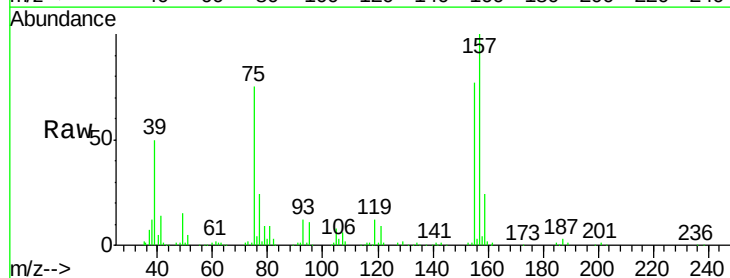


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

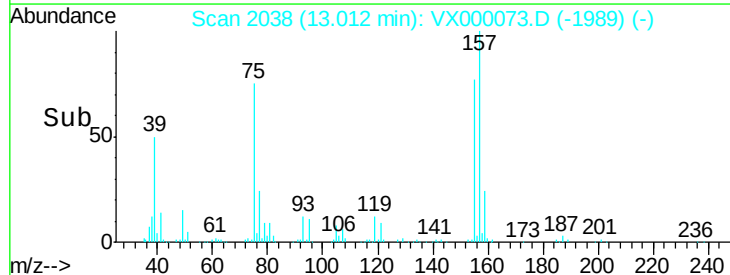
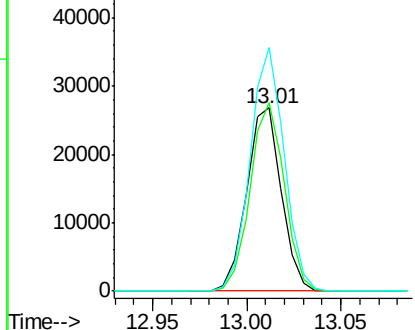


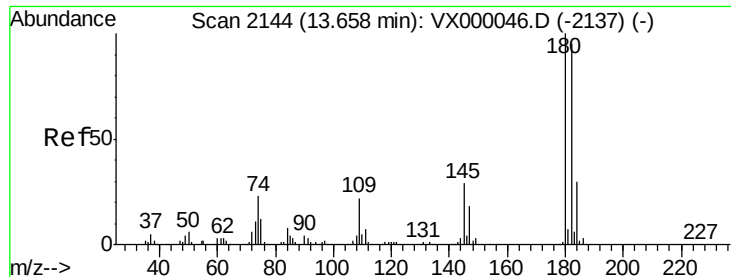
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.33 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion: 75 Resp: 34177
 Ion Ratio Lower Upper
 75 100
 155 100.8 52.0 156.0
 157 130.0 65.3 195.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

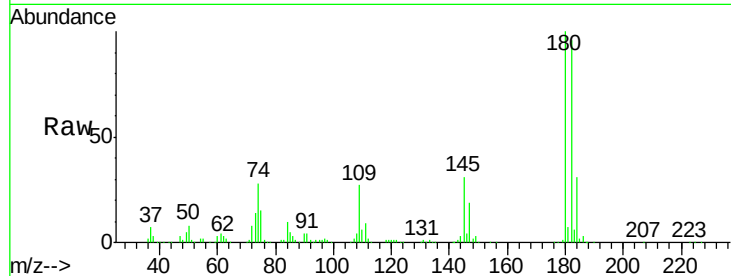




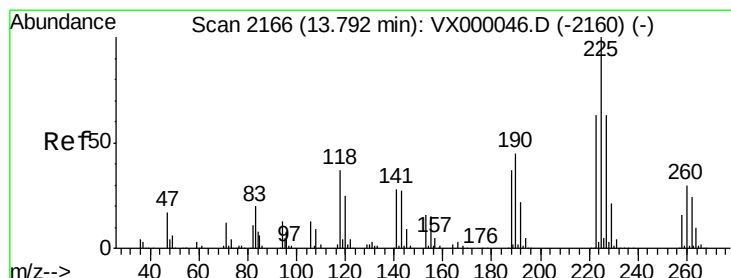
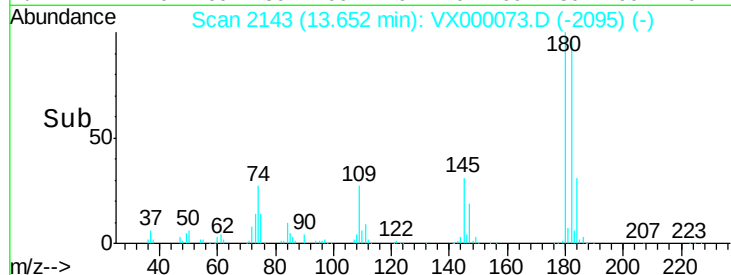
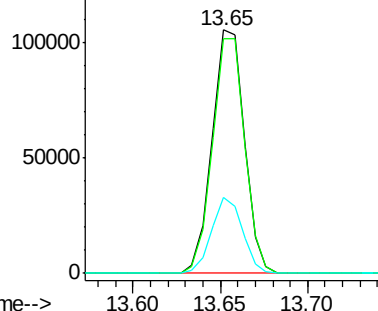
#93
 1,2,4-Trichlorobenzene
 Concen: 47.76 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Instrument :
 ClientSampled :
 VSTDCCC050

Tgt Ion:180 Resp: 135470
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.0 144.0
 145 30.1 14.7 44.1

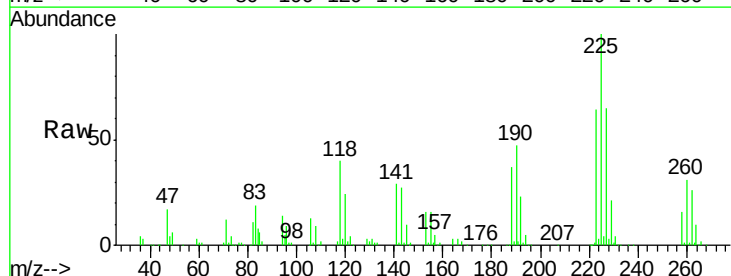


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

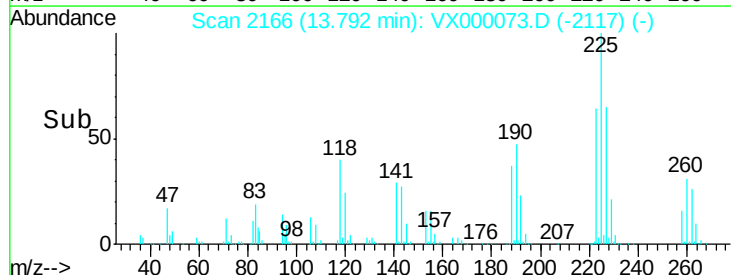
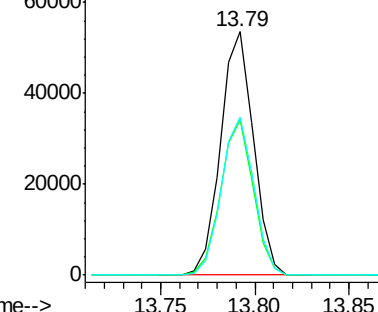


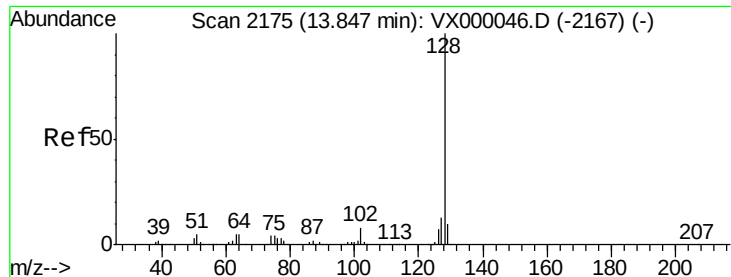
#94
 Hexachlorobutadiene
 Concen: 48.36 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000073.D
 Acq: 13 Feb 2018 12:37

Tgt Ion:225 Resp: 64707
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.5
 227 64.1 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

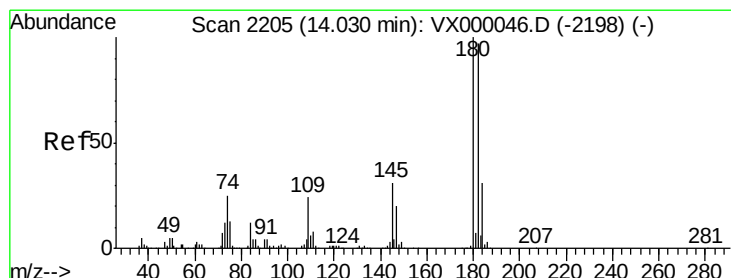
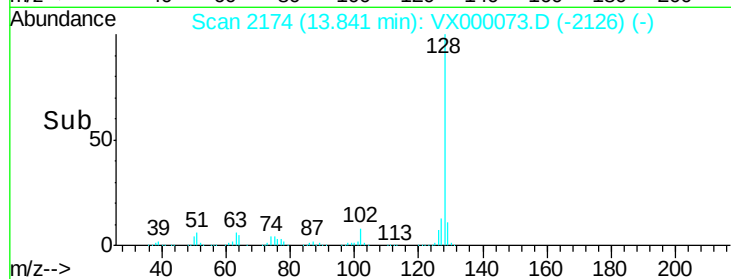
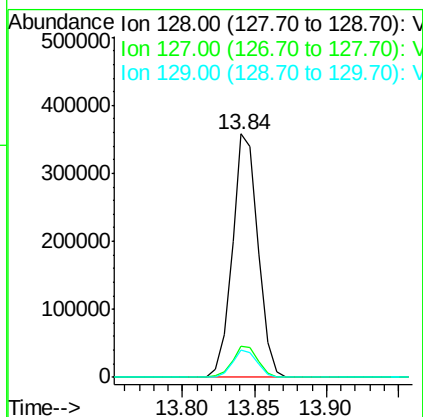
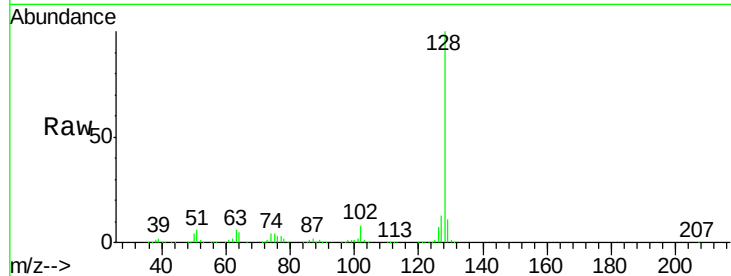




#95
Naphthalene
Concen: 48.24 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Instrument :
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.03 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000073.D
Acq: 13 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.7
145	30.8	15.7	47.0

