

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX021318\
 Data File : VX000084.D
 Acq On : 13 Feb 2018 19:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Feb 14 02:52:00 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	5.68	168	110360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	179780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102658	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	61009	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
35) Dibromofluoromethane	5.52	113	53058	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.73	98	196654	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.15	95	80431	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48581	48.58	ug/l	96
3) Chloromethane	1.32	50	50818	49.91	ug/l	98
4) Vinyl Chloride	1.41	62	59125	51.52	ug/l	98
5) Bromomethane	1.64	94	47798	77.98	ug/l	99
6) Chloroethane	1.72	64	38132	55.27	ug/l	99
7) Trichlorofluoromethane	1.93	101	104827	52.42	ug/l	98
8) Diethyl Ether	2.20	74	36842	50.89	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57376	50.79	ug/l	98
10) Methyl Iodide	2.51	142	67425	49.18	ug/l	100
11) Tert butyl alcohol	3.09	59	135296	293.23	ug/l	100
12) 1,1-Dichloroethene	2.38	96	54352	50.76	ug/l	99
13) Acrolein	2.30	56	46465	196.20	ug/l	96
14) Allyl chloride	2.73	41	95700	51.30	ug/l	98
15) Acrylonitrile	3.16	53	225576	280.61	ug/l	99
16) Acetone	2.45	43	213462	312.69	ug/l	97
17) Carbon Disulfide	2.57	76	151086	48.43	ug/l	99
18) Methyl Acetate	2.79	43	106263	61.73	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	192760	52.60	ug/l	98
20) Methylene Chloride	2.86	84	59021	51.64	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	59148	51.32	ug/l	96
22) Diisopropyl ether	3.89	45	157899	51.25	ug/l	99
23) Vinyl Acetate	3.84	43	741575	266.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97509	50.92	ug/l	98
25) 2-Butanone	4.72	43	313584	304.36	ug/l	96
26) 2,2-Dichloropropane	4.60	77	83530	50.90	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	58505	51.80	ug/l	97
28) Bromochloromethane	5.04	49	32369	50.97	ug/l	95
29) Tetrahydrofuran	5.18	42	204631	289.84	ug/l	99
30) Chloroform	5.23	83	104557	54.16	ug/l	96
31) Cyclohexane	5.59	56	79919	50.80	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	95459	52.54	ug/l	98
36) 1,1-Dichloropropene	5.81	75	76798	49.06	ug/l	99
37) Ethyl Acetate	4.88	43	106137	52.51	ug/l	99
38) Carbon Tetrachloride	5.79	117	87183	49.60	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	93883	49.40	ug/l	98
40) Benzene	6.16	78	224373	50.72	ug/l	99
41) Methacrylonitrile	5.07	41	54713	52.70	ug/l	100
42) 1,2-Dichloroethane	6.21	62	83179	52.63	ug/l	99
43) Isopropyl Acetate	6.48	43	157753	51.76	ug/l	99
44) Trichloroethene	7.22	130	67074	49.00	ug/l	100
45) 1,2-Dichloropropane	7.53	63	56331	52.37	ug/l	97
46) Dibromomethane	7.67	93	43176	52.01	ug/l	95
47) Bromodichloromethane	7.91	83	82913	51.36	ug/l	97
48) Methyl methacrylate	7.79	41	76457	51.11	ug/l	98
49) 1,4-Dioxane	7.77	88	42729	1072.32	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	599897	282.49	ug/l	98
52) Toluene	8.79	92	155132	52.20	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	97462	51.61	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	97299	53.01	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	64095	51.43	ug/l	98
56) Ethyl methacrylate	9.19	69	101472	53.08	ug/l	98
57) 1,3-Dichloropropane	9.38	76	102376	52.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	245487	259.98	ug/l	100
59) 2-Hexanone	9.51	43	505111	292.45	ug/l	99
60) Dibromochloromethane	9.59	129	75385	52.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	72256	52.64	ug/l	98
64) Tetrachloroethene	9.34	164	64530	49.20	ug/l	97
65) Chlorobenzene	10.15	112	184000	50.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	67789	51.49	ug/l	99
67) Ethyl Benzene	10.26	91	307288	50.63	ug/l	100
68) m/p-Xylenes	10.37	106	245740	101.65	ug/l	99
69) o-Xylene	10.71	106	119112	51.04	ug/l	100
70) Styrene	10.72	104	201973	51.24	ug/l	99
71) Bromoform	10.87	173	64654	51.90	ug/l	# 98
73) Isopropylbenzene	11.02	105	318081	48.83	ug/l	100
74) N-amyl acetate	6.48	43	157753	48.39	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.28	83	111292	50.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	138028	71.39	ug/l	79
77) Bromobenzene	11.26	156	88088	49.84	ug/l	99
78) n-propylbenzene	11.37	91	373641	49.47	ug/l	100
79) 2-Chlorotoluene	11.43	91	214369	49.09	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	271146	49.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	39670	50.77	ug/l	93
82) 4-Chlorotoluene	11.52	91	257585	49.36	ug/l	99
83) tert-Butylbenzene	11.78	119	272824	49.48	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	276901	49.58	ug/l	100
85) sec-Butylbenzene	11.96	105	337406	49.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	299861	49.15	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	164587	49.43	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	169293	49.68	ug/l	99
89) n-Butylbenzene	12.40	91	276453	48.51	ug/l	100
90) Hexachloroethane	12.60	117	53057	49.73	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	160841	49.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	32008	50.45	ug/l	97

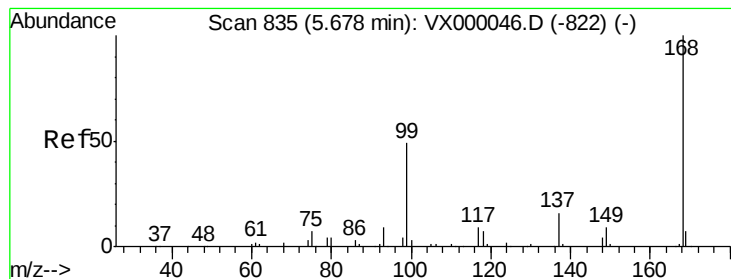
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX021318\
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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119173	47.82	ug/l	98
94) Hexachlorobutadiene	13.79	225	55778	47.45	ug/l	98
95) Naphthalene	13.84	128	406300	50.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	117508	48.46	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

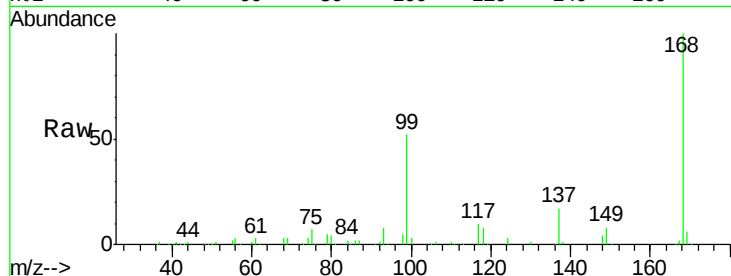
Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 110360

Ion Ratio Lower Upper

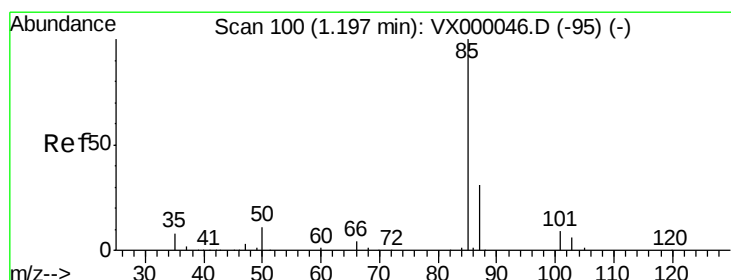
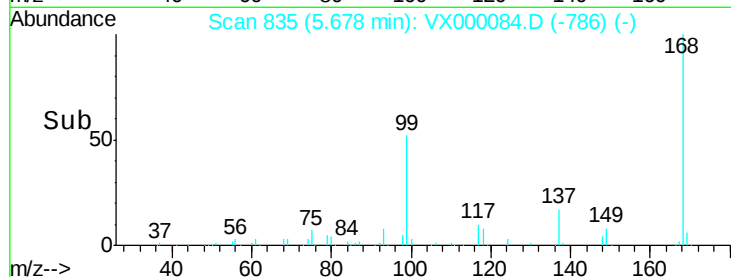
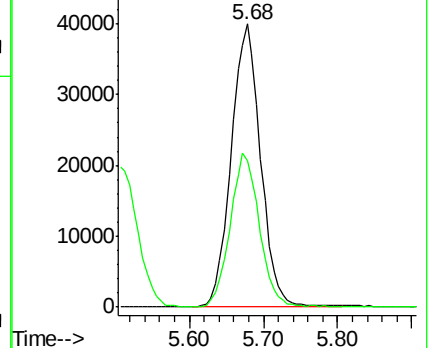
168 100

99 51.8 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: 48.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000084.D

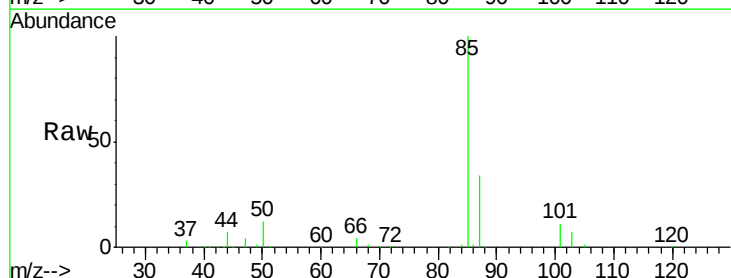
Acq: 13 Feb 2018 19:08

Tgt Ion: 85 Resp: 48581

Ion Ratio Lower Upper

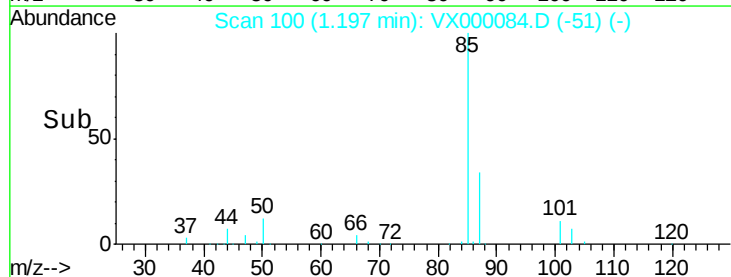
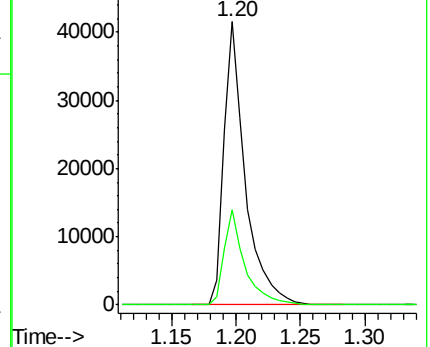
85 100

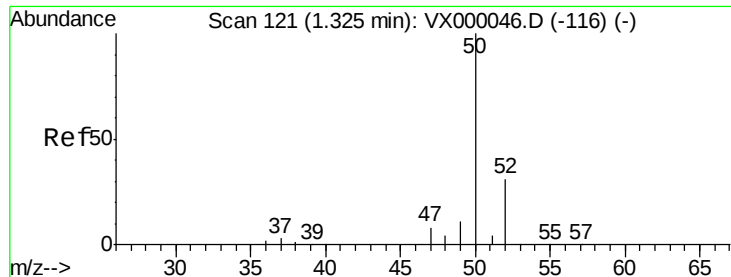
87 33.7 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

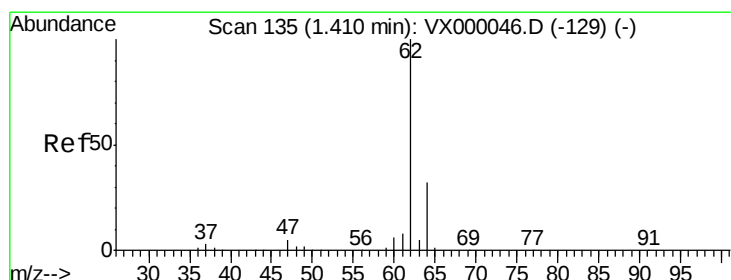
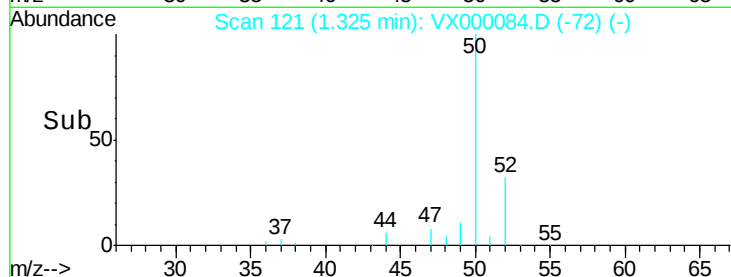
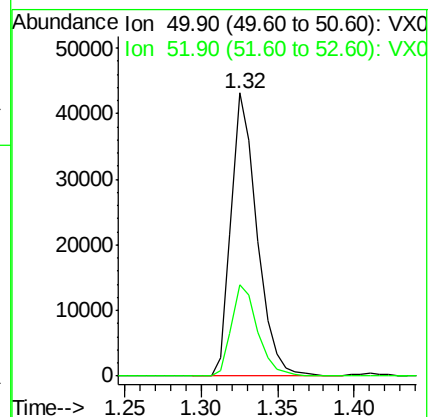
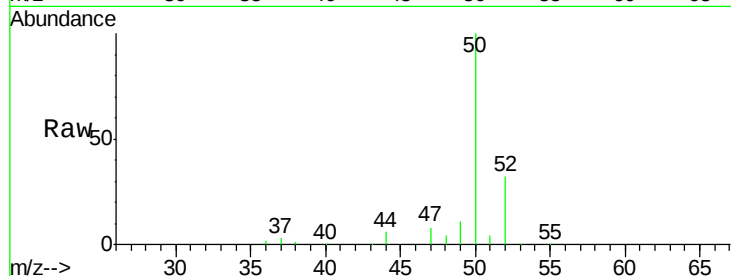
Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 50818

Ion Ratio Lower Upper

50 100

52 32.2 25.0 37.6



#4

Vinyl Chloride

Concen: 51.52 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000084.D

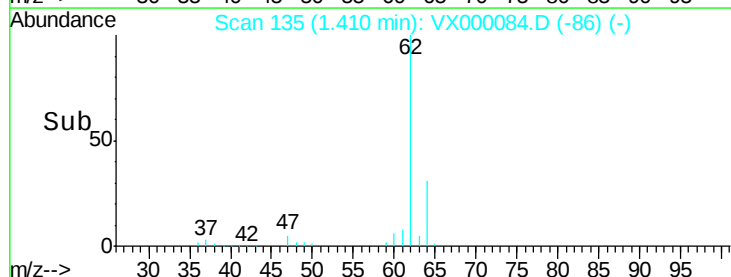
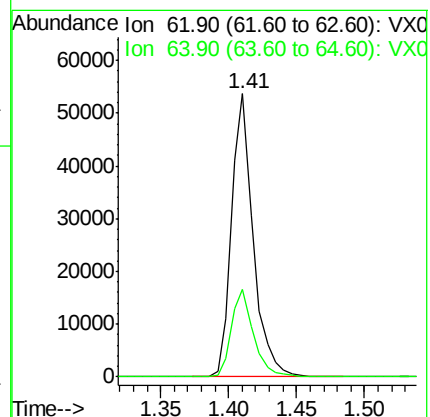
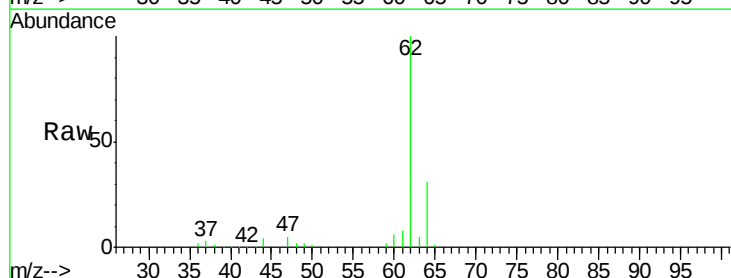
Acq: 13 Feb 2018 19:08

Tgt Ion: 62 Resp: 59125

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0





#5

Bromomethane

Concen: 77.98 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

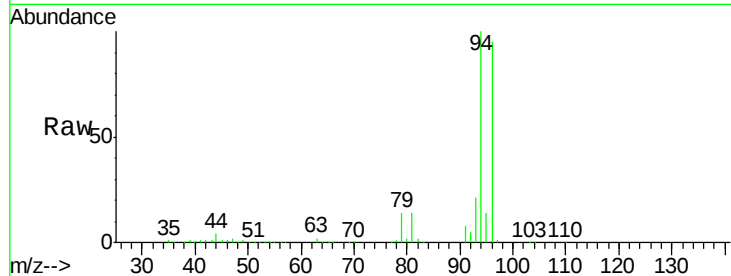
Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 47798

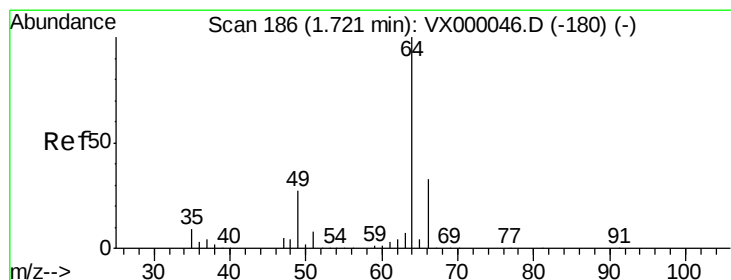
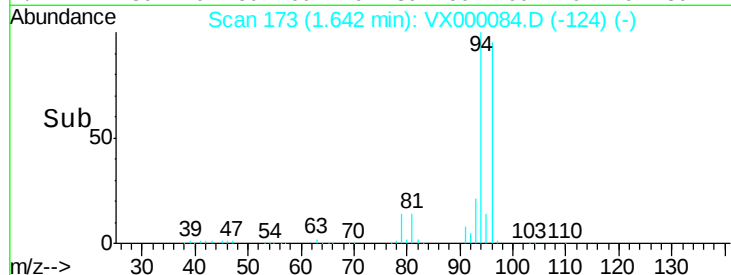
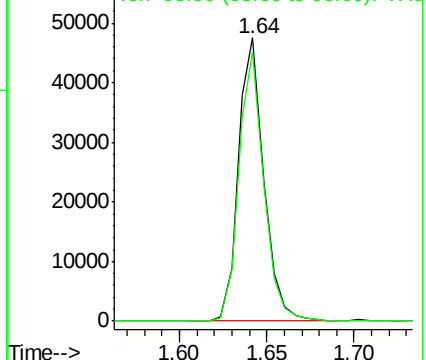
Ion Ratio Lower Upper

94 100

96 94.9 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: 55.27 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000084.D

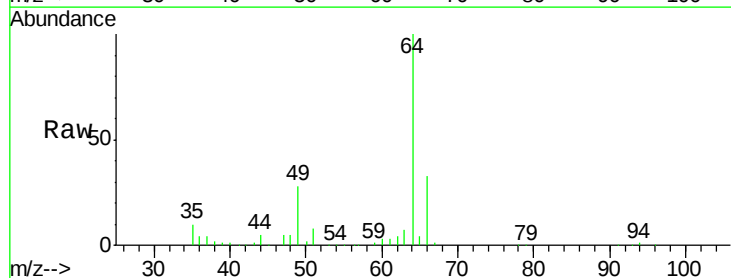
Acq: 13 Feb 2018 19:08

Tgt Ion: 64 Resp: 38132

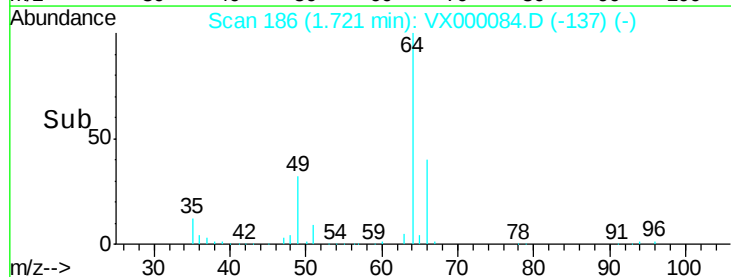
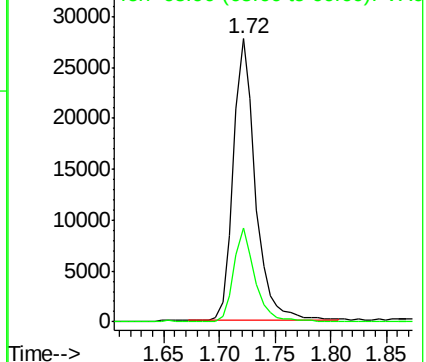
Ion Ratio Lower Upper

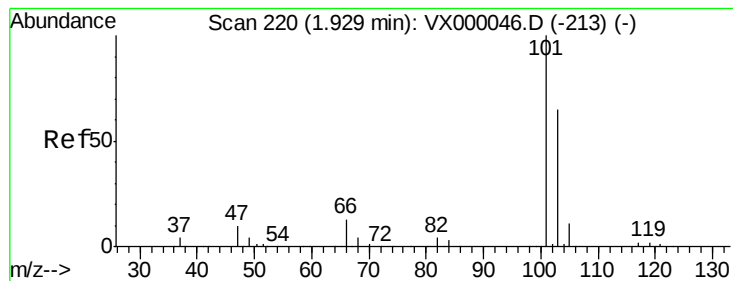
64 100

66 33.3 26.4 39.6



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



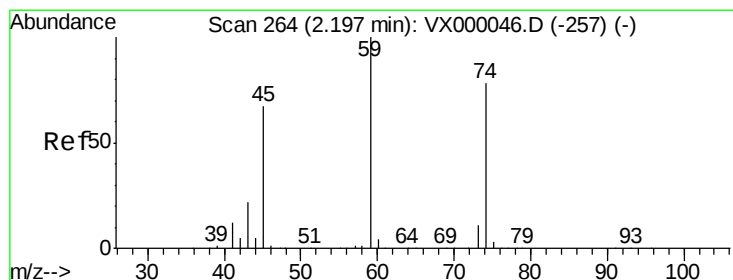
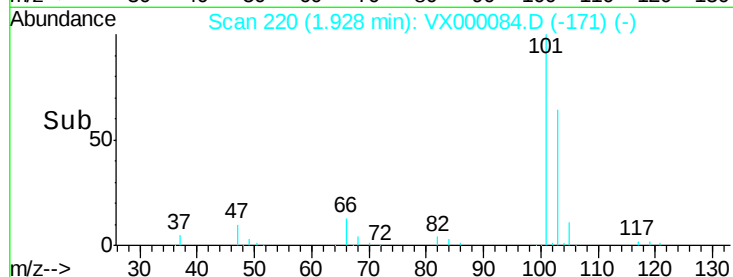
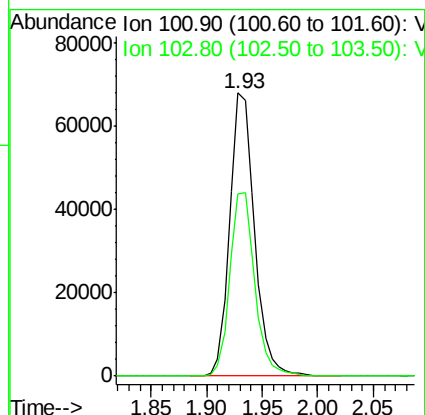
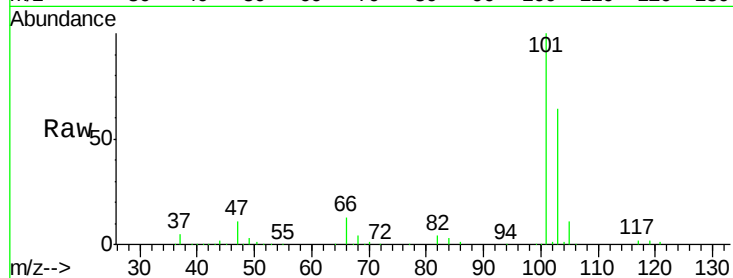


#7

Trichlorofluoromethane
Concen: 52.42 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

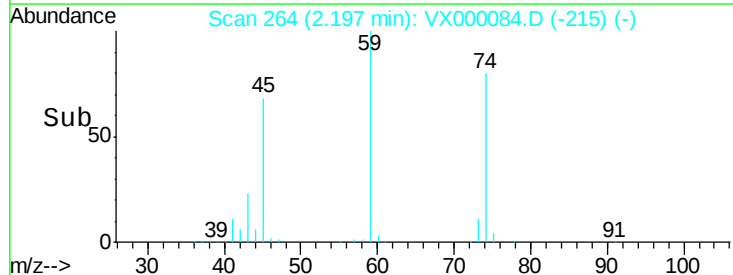
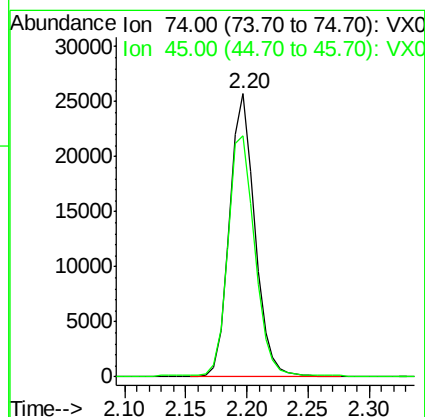
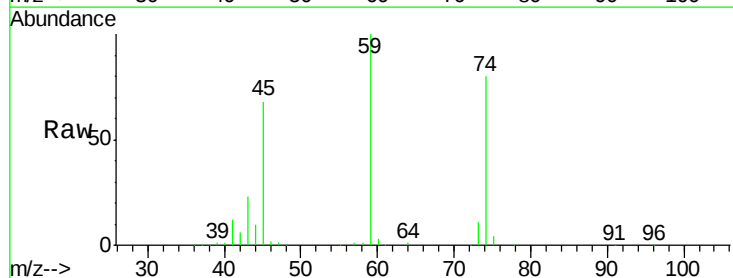
Tgt Ion: 101 Resp: 104827
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

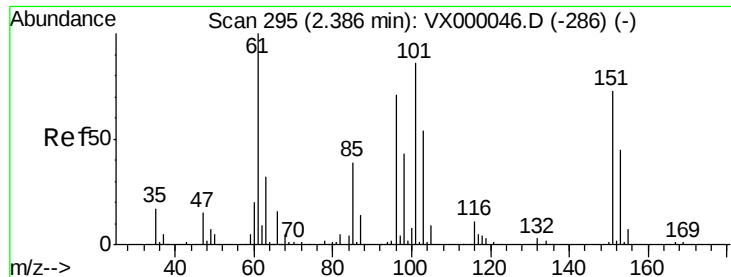


#8

Diethyl Ether
Concen: 50.89 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 74 Resp: 36842
Ion Ratio Lower Upper
74 100
45 91.9 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.79 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampleId :

VSTDCCC050EC

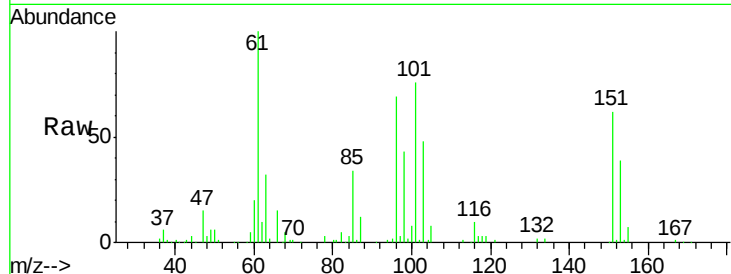
Tgt Ion:101 Resp: 57376

Ion Ratio Lower Upper

101 100

85 45.5 36.6 54.8

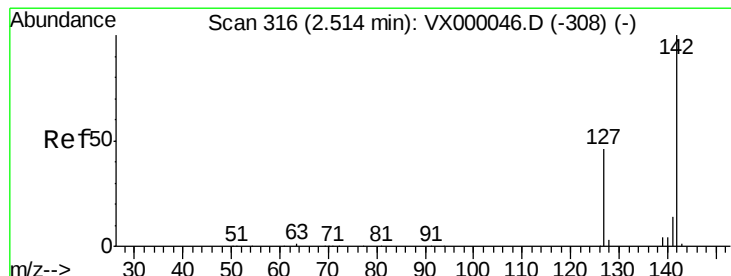
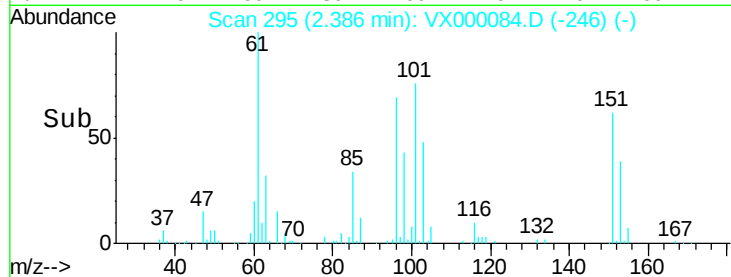
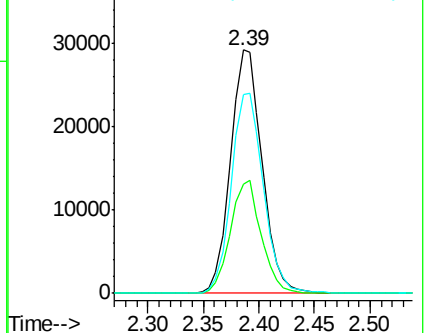
151 83.6 68.8 103.2



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: 49.18 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

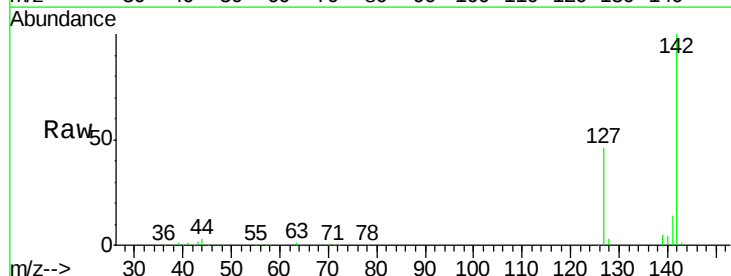
Tgt Ion:142 Resp: 67425

Ion Ratio Lower Upper

142 100

127 46.2 36.8 55.2

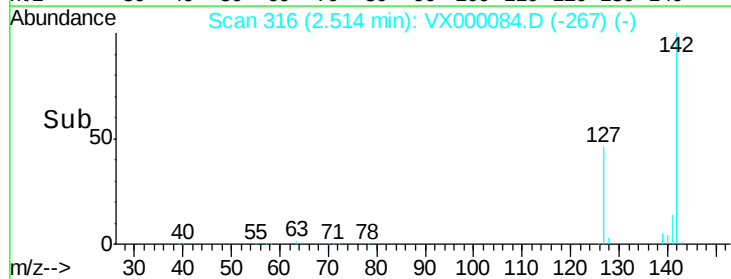
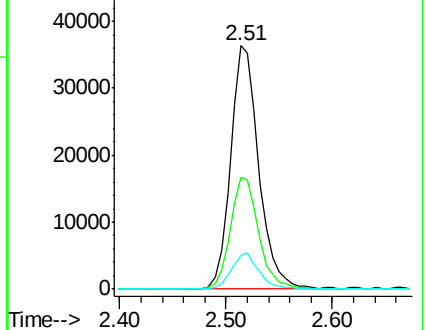
141 14.2 11.4 17.0

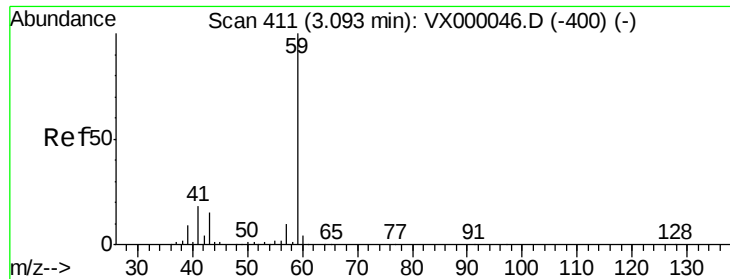


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



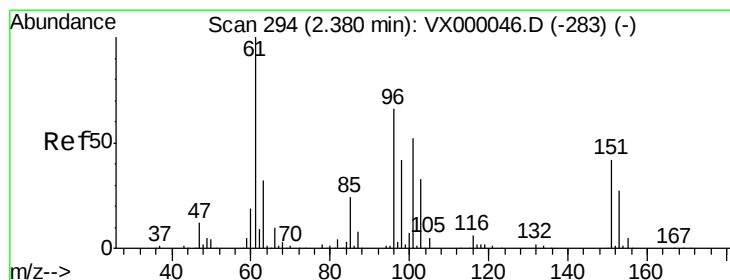
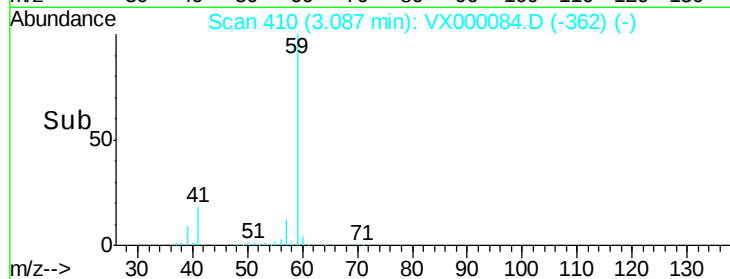
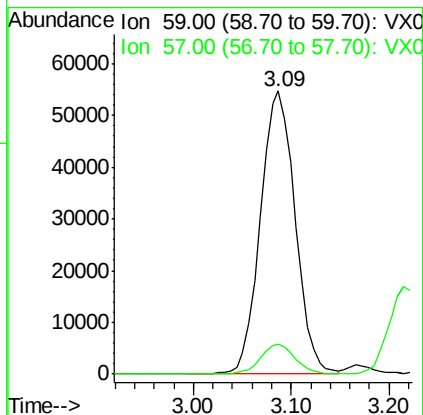
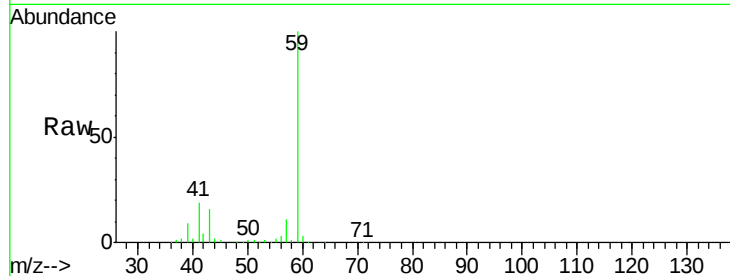


#11

Tert butyl alcohol
 Concen: 293.23 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

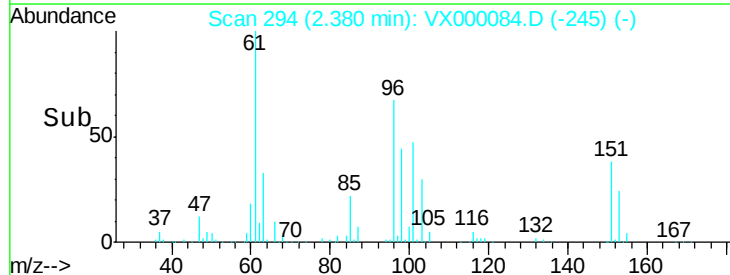
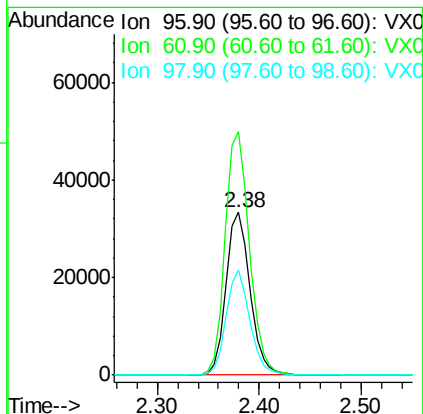
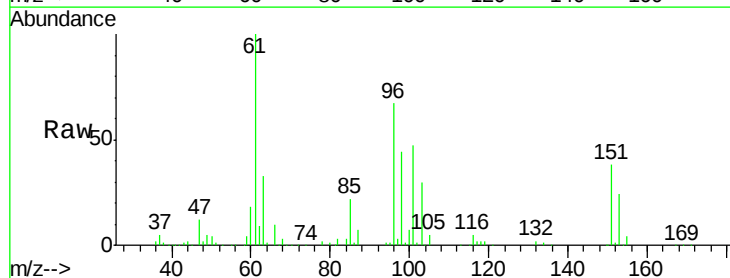
Tgt Ion: 59 Resp: 135296
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

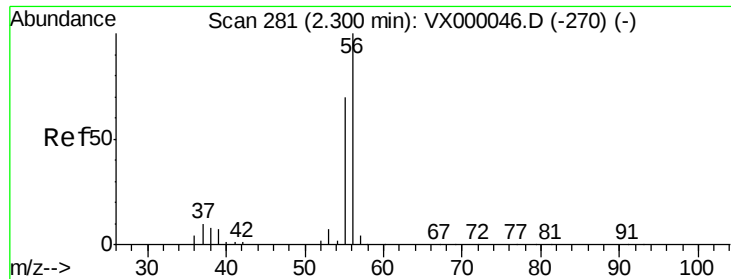


#12

1,1-Dichloroethene
 Concen: 50.76 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 96 Resp: 54352
 Ion Ratio Lower Upper
 96 100
 61 149.5 120.3 180.5
 98 65.1 51.0 76.4





#13

Acrolein

Concen: 196.20 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

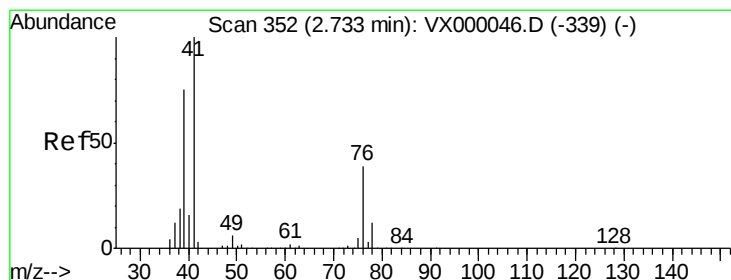
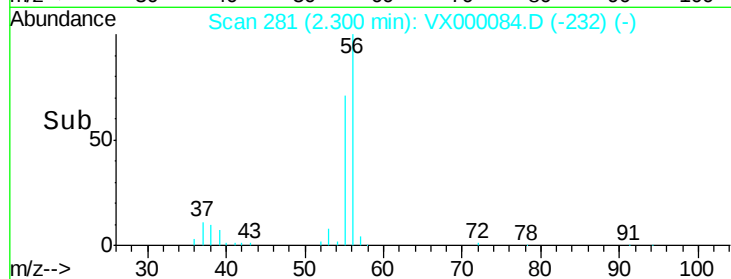
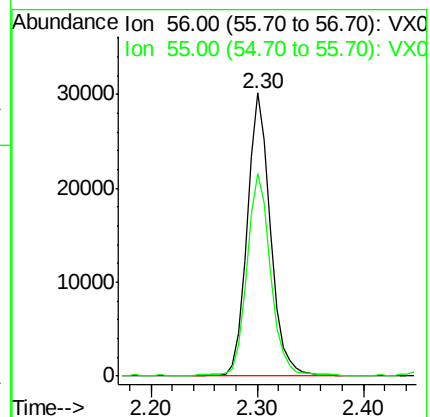
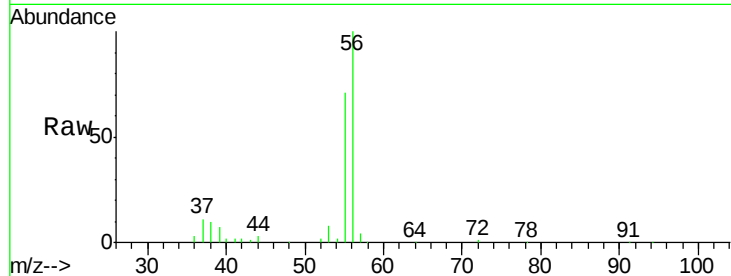
Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 56 Resp: 46465

Ion Ratio Lower Upper

56 100

55 73.6 56.4 84.6



#14

Allyl chloride

Concen: 51.30 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

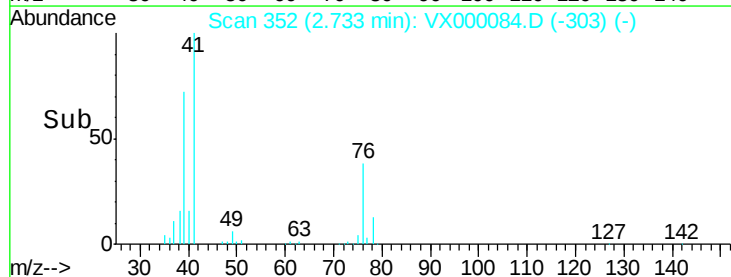
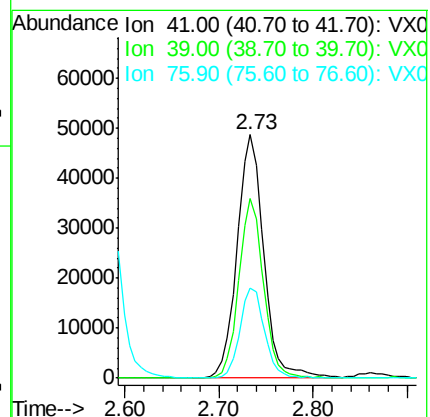
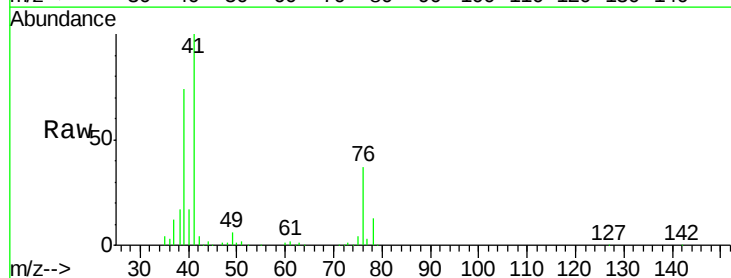
Tgt Ion: 41 Resp: 95700

Ion Ratio Lower Upper

41 100

39 68.1 55.8 83.6

76 34.5 28.7 43.1





#15

Acrylonitrile

Concen: 280.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

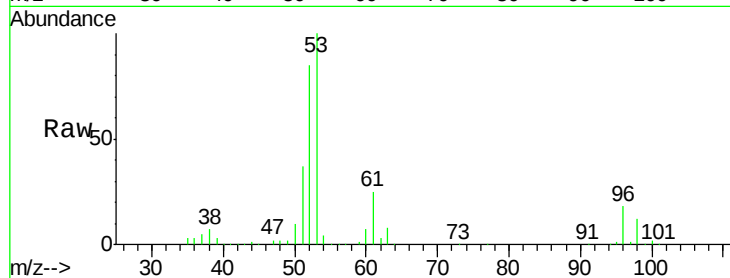
Tgt Ion: 53 Resp: 225576

Ion Ratio Lower Upper

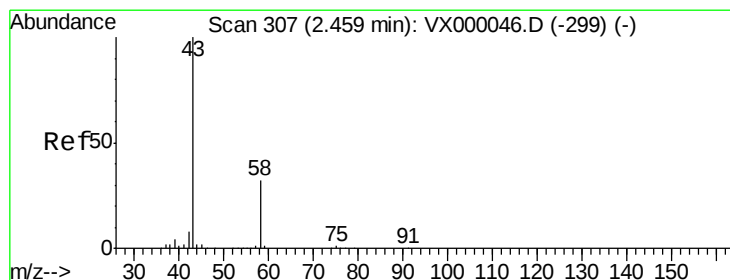
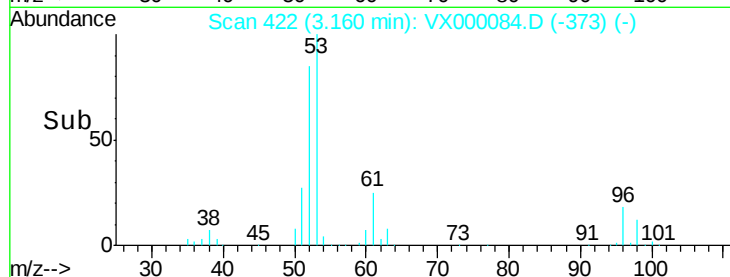
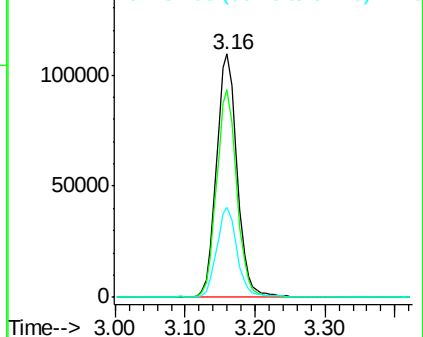
53 100

52 82.6 66.5 99.7

51 36.8 29.1 43.7



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



#16

Acetone

Concen: 312.69 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX000084.D

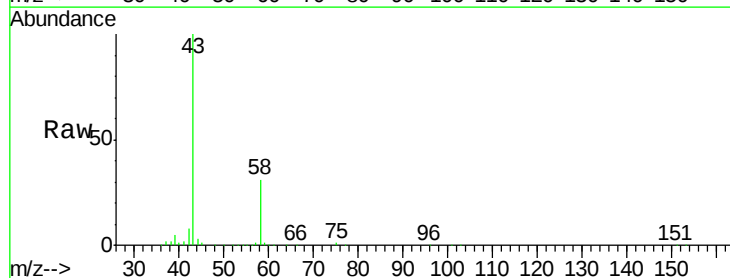
Acq: 13 Feb 2018 19:08

Tgt Ion: 43 Resp: 213462

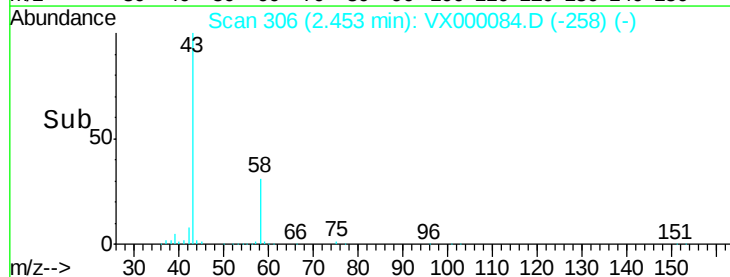
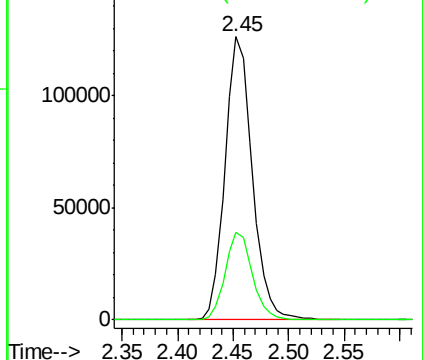
Ion Ratio Lower Upper

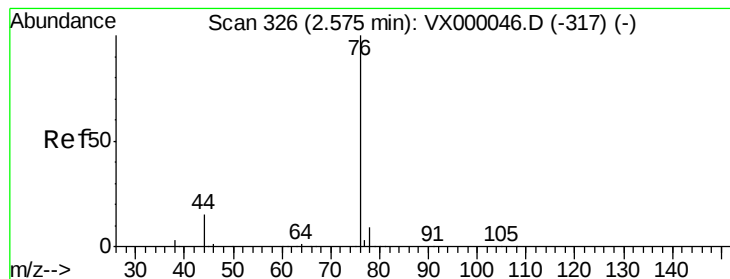
43 100

58 31.0 25.9 38.9



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





#17

Carbon Disulfide

Concen: 48.43 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampleId :

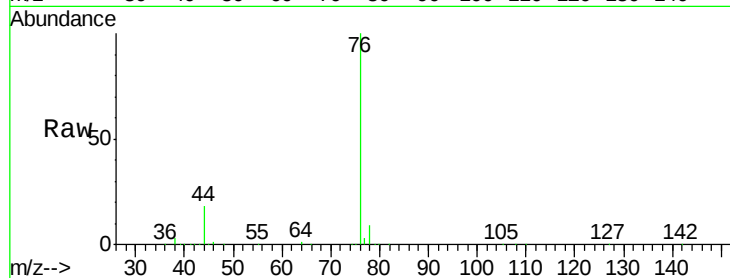
VSTDCCC050EC

Tgt Ion: 76 Resp: 151086

Ion Ratio Lower Upper

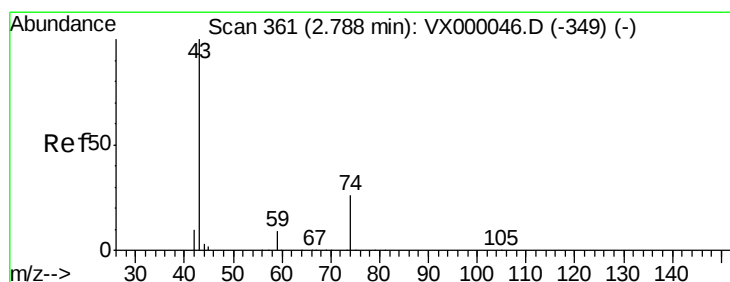
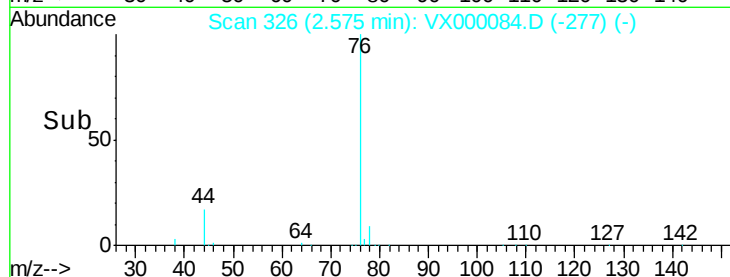
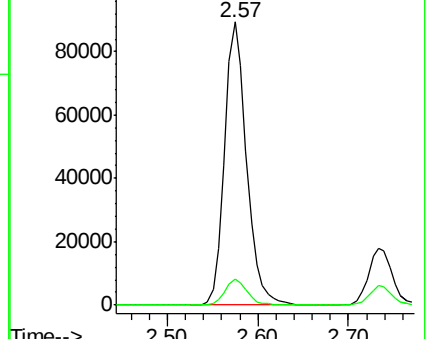
76 100

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: 61.73 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000084.D

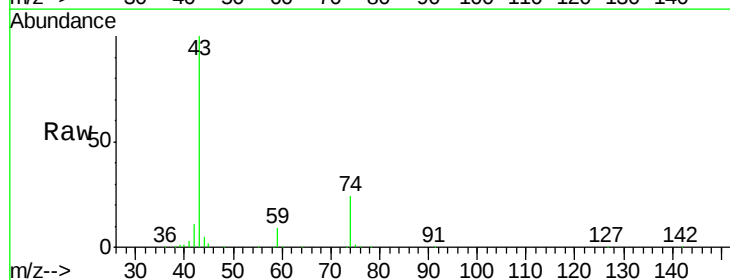
Acq: 13 Feb 2018 19:08

Tgt Ion: 43 Resp: 106263

Ion Ratio Lower Upper

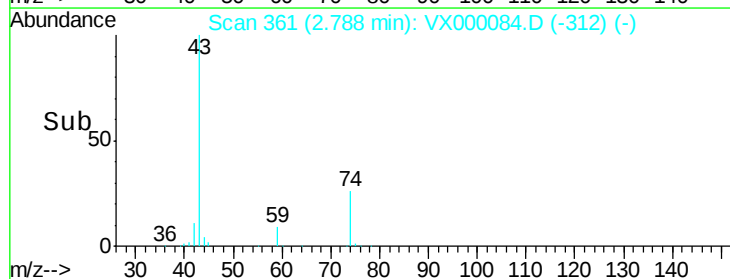
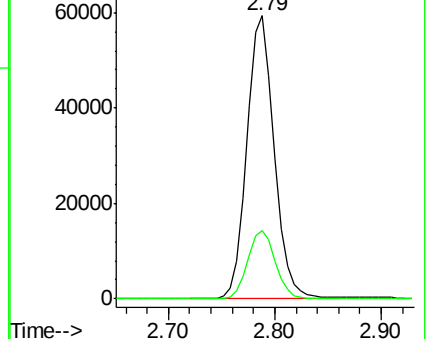
43 100

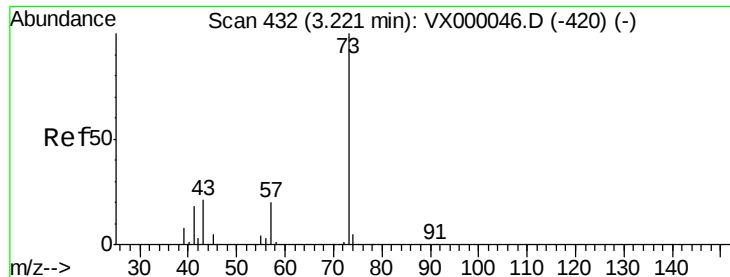
74 24.7 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

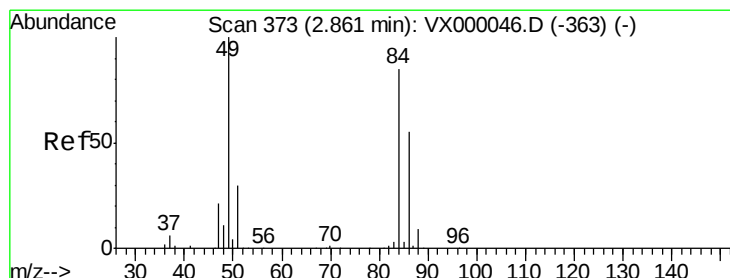
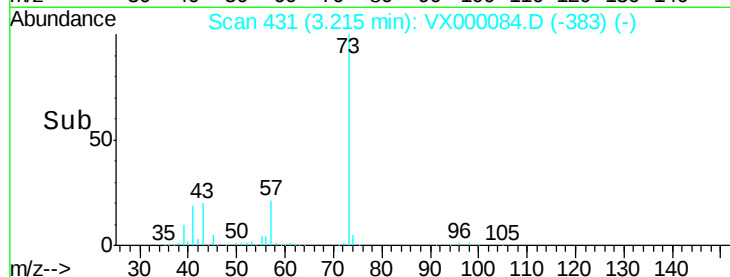
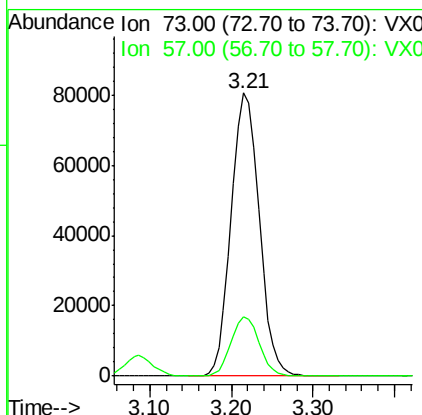
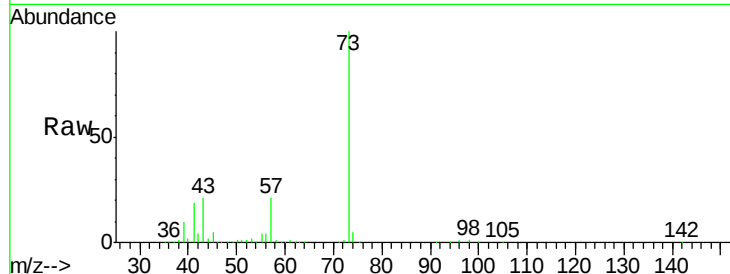




#19
Methyl tert-butyl Ether
Concen: 52.60 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

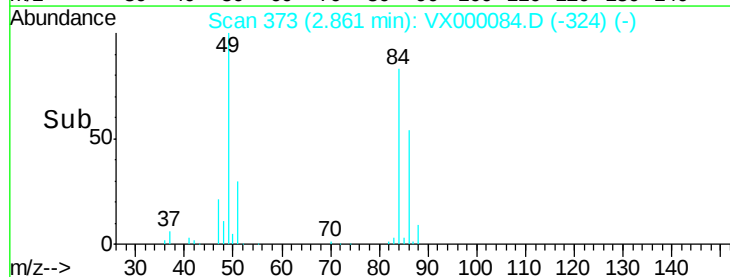
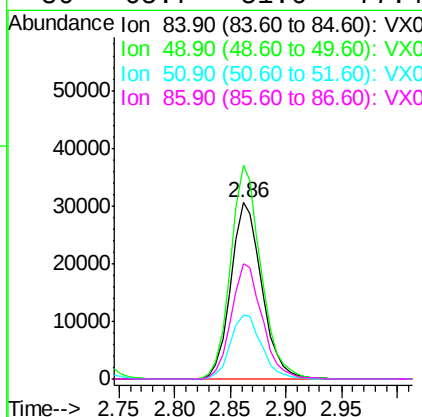
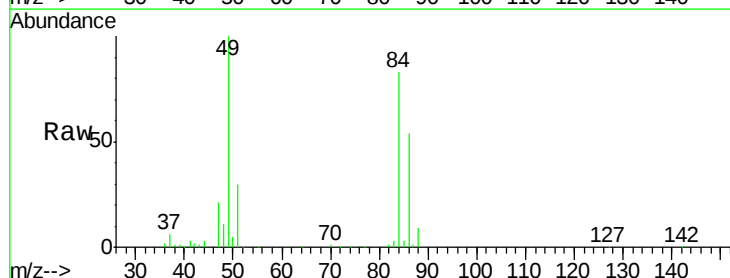
Instrument :
ClientSampled :
VSTDCCC050EC

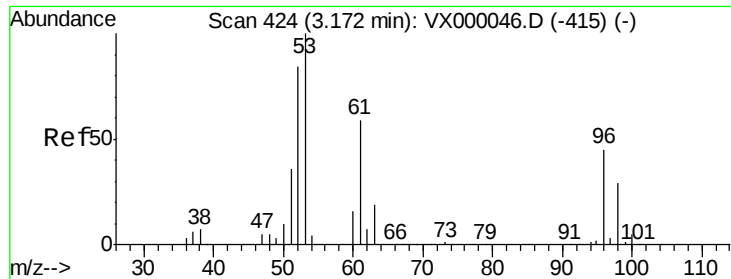
Tgt Ion: 73 Resp: 192760
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.4



#20
Methylene Chloride
Concen: 51.64 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 84 Resp: 59021
Ion Ratio Lower Upper
84 100
49 121.1 94.4 141.6
51 36.1 28.3 42.5
86 65.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 51.32 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :
ClientSampleId :
VSTDCCC050EC

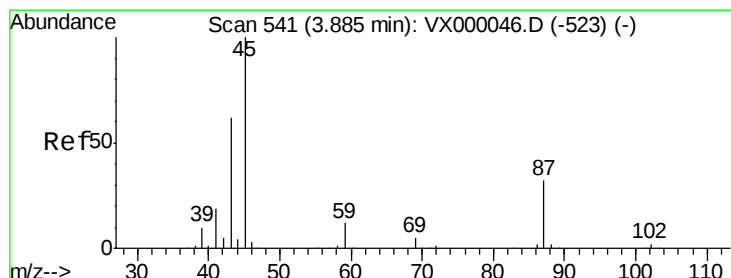
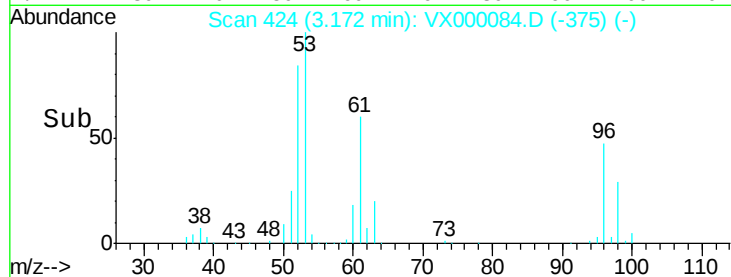
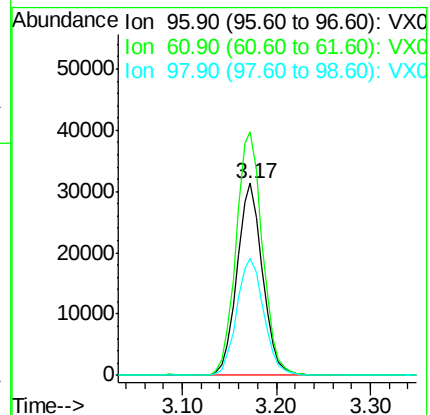
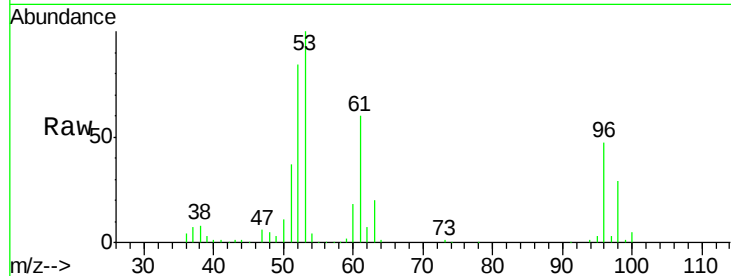
Tgt Ion: 96 Resp: 59148

Ion Ratio Lower Upper

96 100

61 126.9 104.9 157.3

98 61.2 52.4 78.6



#22

Diisopropyl ether

Concen: 51.25 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion: 45 Resp: 157899

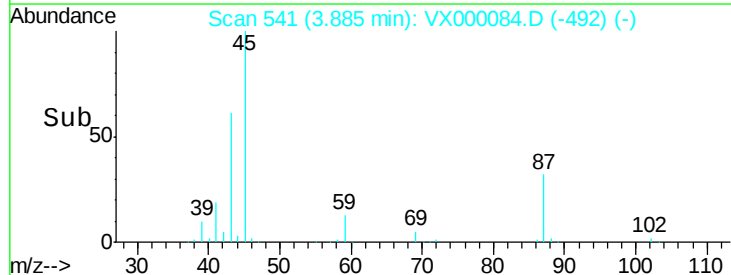
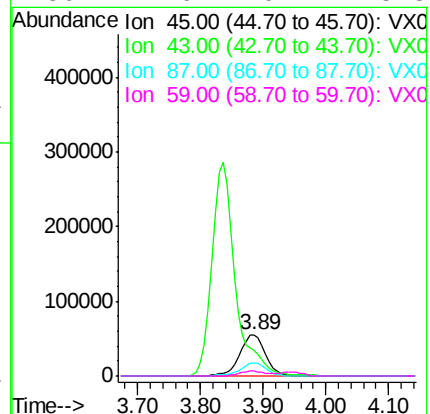
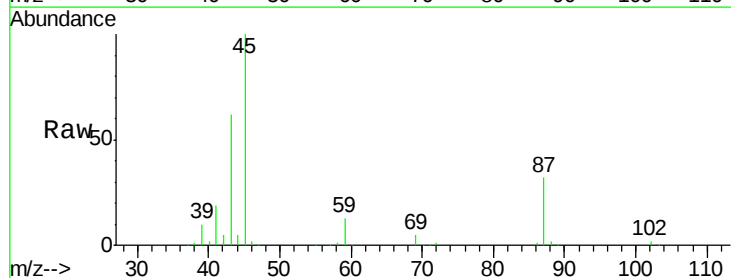
Ion Ratio Lower Upper

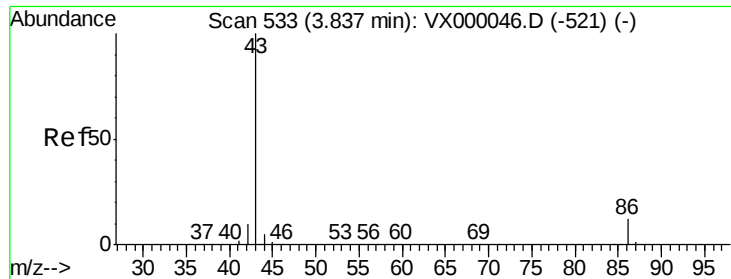
45 100

43 61.2 49.6 74.4

87 31.7 25.9 38.9

59 12.6 9.2 13.8





#23

Vinyl Acetate

Concen: 266.26 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

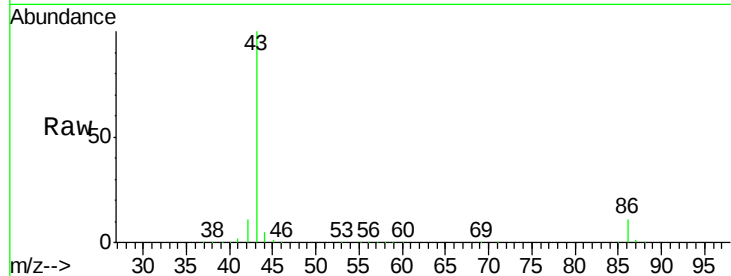
Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 43 Resp: 741575

Ion Ratio Lower Upper

43 100

86 11.3 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

200000

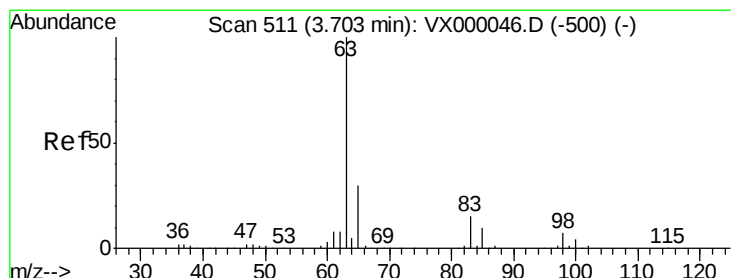
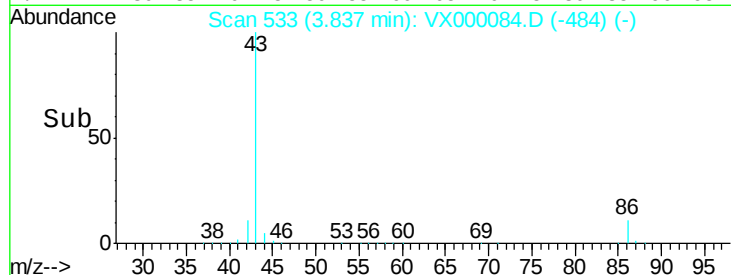
100000

0

3.84

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 50.92 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

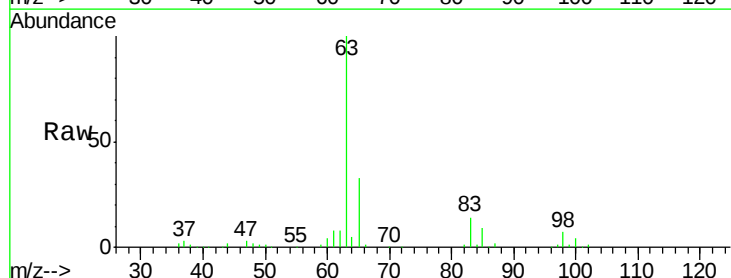
Tgt Ion: 63 Resp: 97509

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.5 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

50000

40000

30000

20000

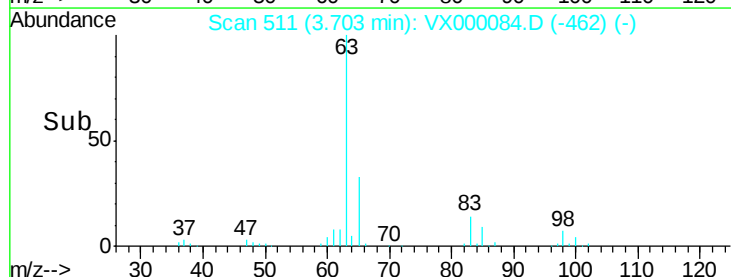
10000

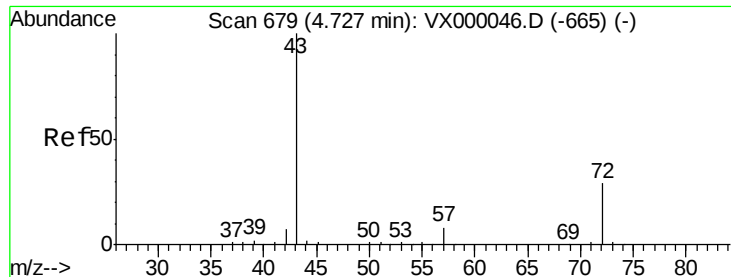
0

3.70

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 304.36 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

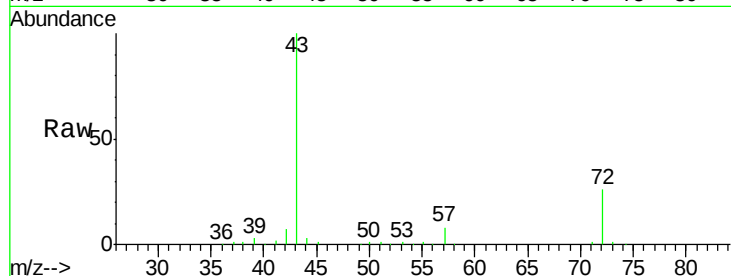
Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 313584

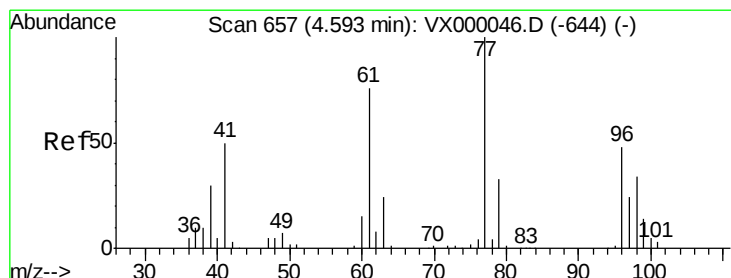
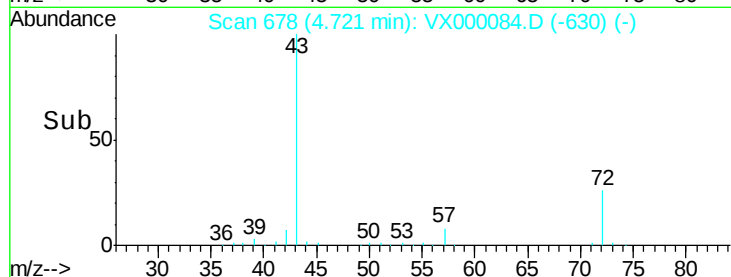
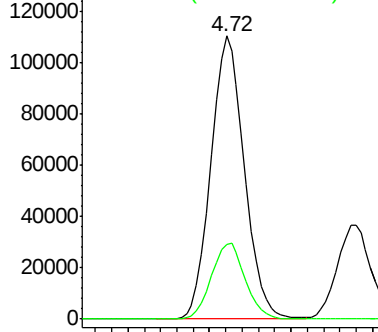
Ion Ratio Lower Upper

43 100

72 26.4 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: 50.90 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000084.D

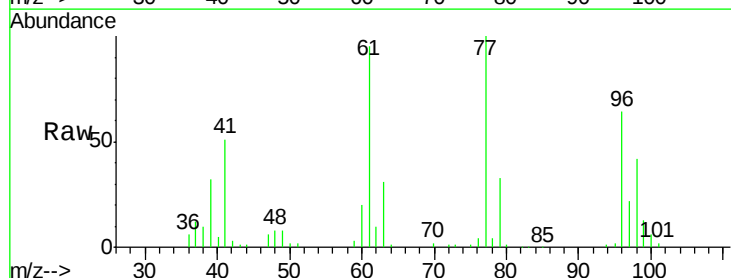
Acq: 13 Feb 2018 19:08

Tgt Ion: 77 Resp: 83530

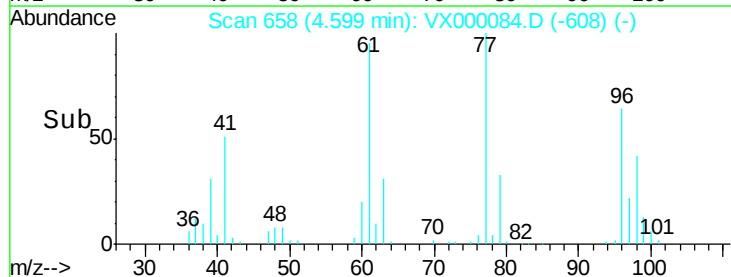
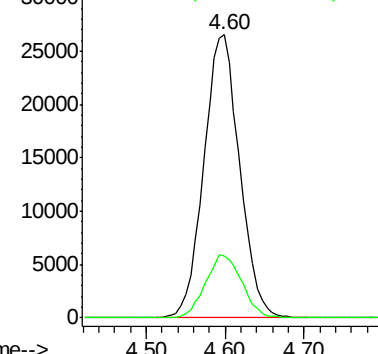
Ion Ratio Lower Upper

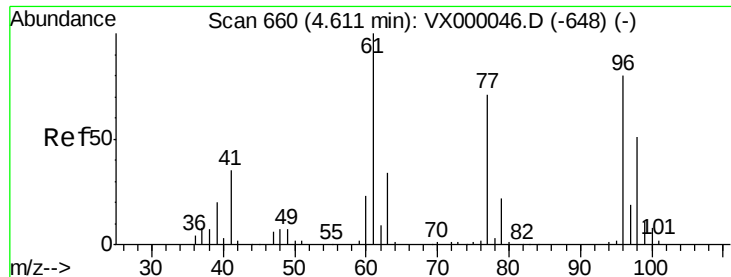
77 100

97 22.7 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: 51.80 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

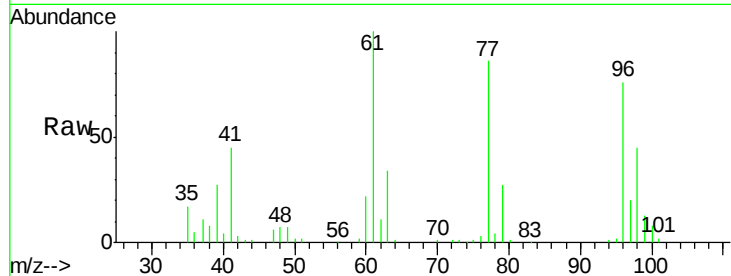
Tgt Ion: 96 Resp: 58505

Ion Ratio Lower Upper

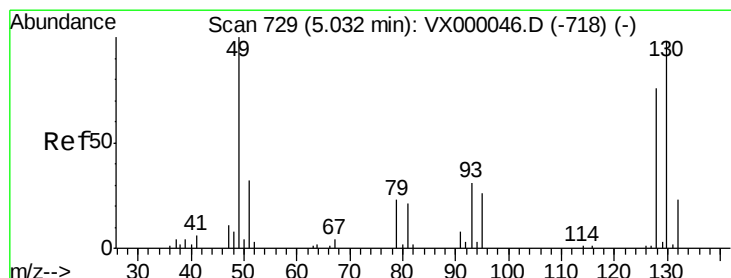
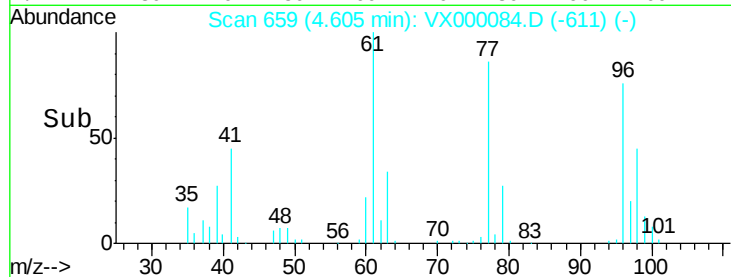
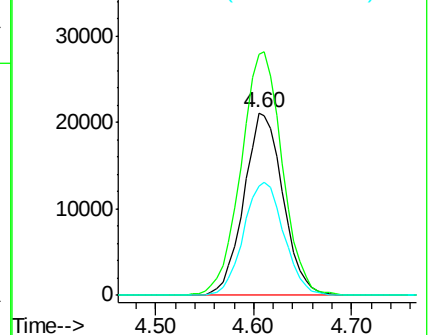
96 100

61 141.1 0.0 274.4

98 64.0 0.0 132.4



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



#28

Bromochloromethane

Concen: 50.97 ug/l

RT: 5.04 min Scan# 730

Delta R.T. 0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

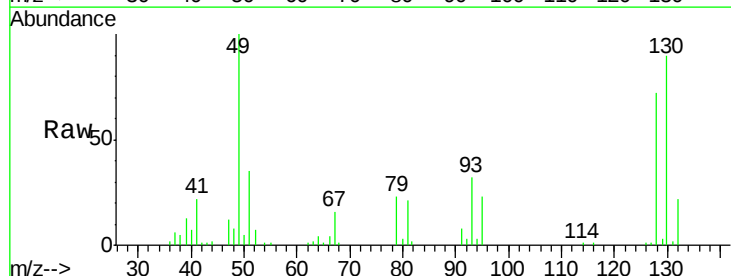
Tgt Ion: 49 Resp: 32369

Ion Ratio Lower Upper

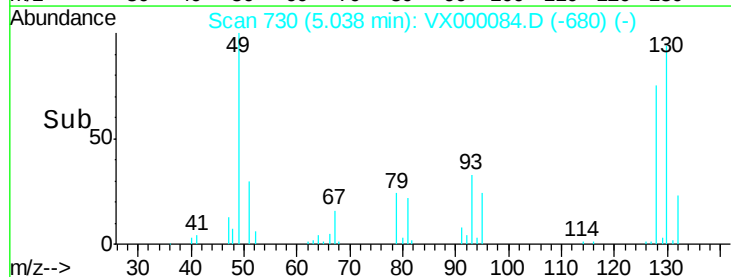
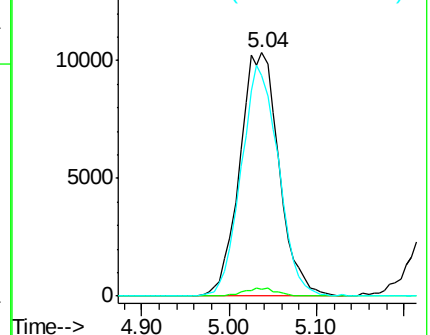
49 100

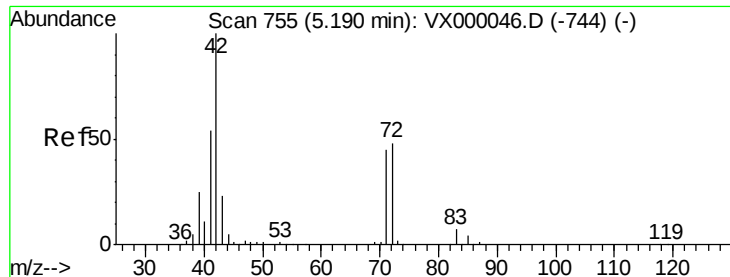
129 2.6 0.0 5.0

130 89.6 75.6 113.4



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

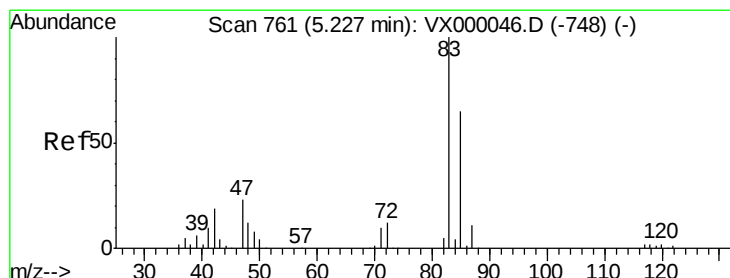
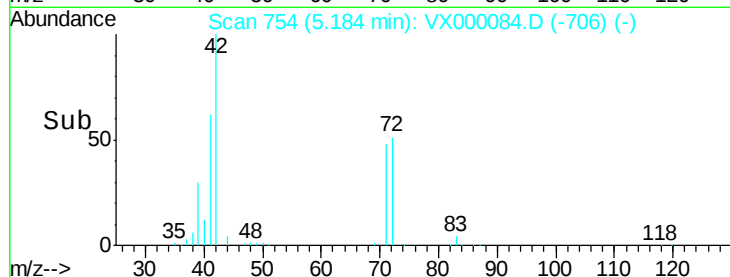
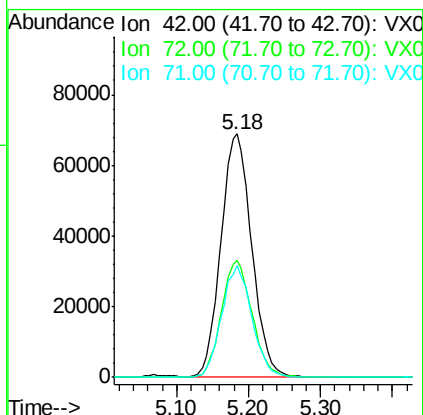
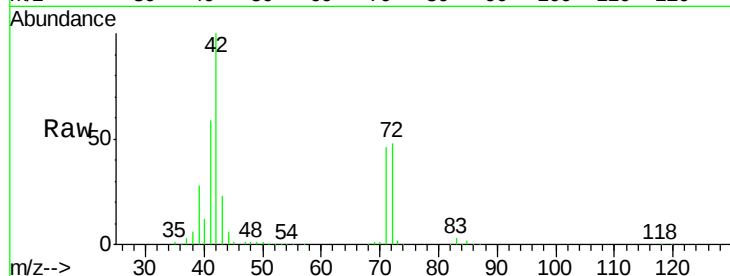




#29
Tetrahydrofuran
Concen: 289.84 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

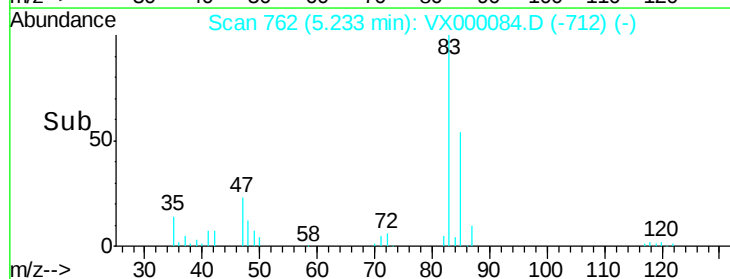
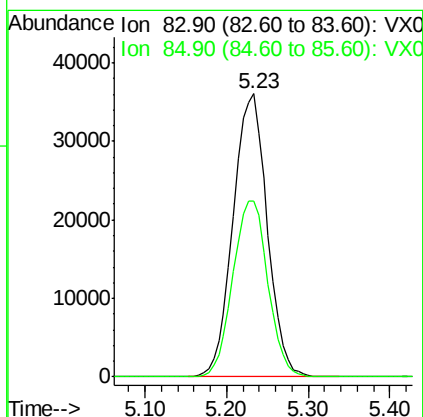
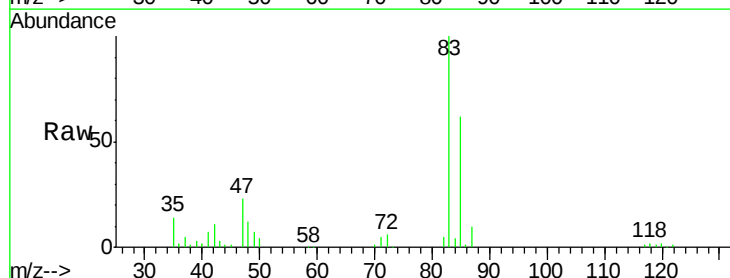
Instrument :
ClientSampleId :
VSTDCCC050EC

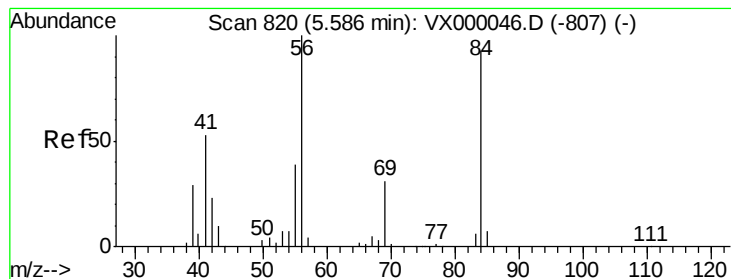
Tgt Ion: 42 Resp: 204631
Ion Ratio Lower Upper
42 100
72 47.8 39.0 58.6
71 45.0 36.7 55.1



#30
Chloroform
Concen: 54.16 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 83 Resp: 104557
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9





#31

Cyclohexane

Concen: 50.80 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

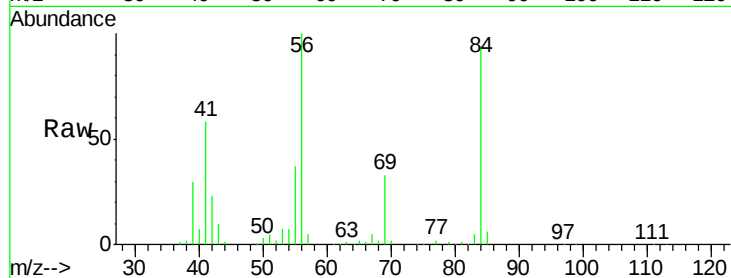
Tgt Ion: 56 Resp: 79919

Ion Ratio Lower Upper

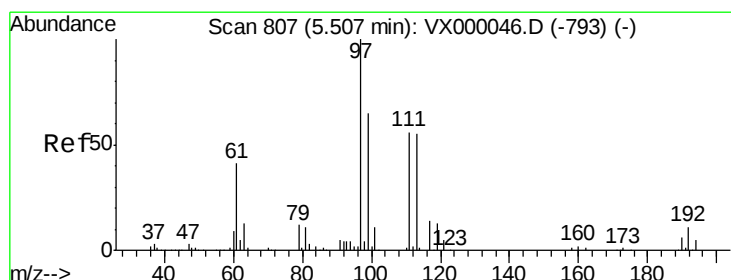
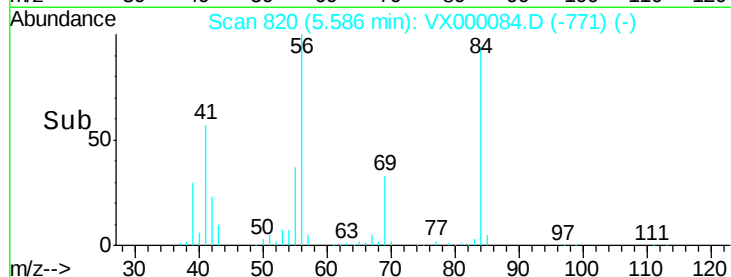
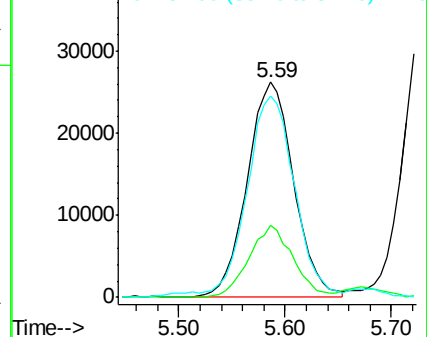
56 100

69 33.3 24.5 36.7

84 91.6 74.8 112.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

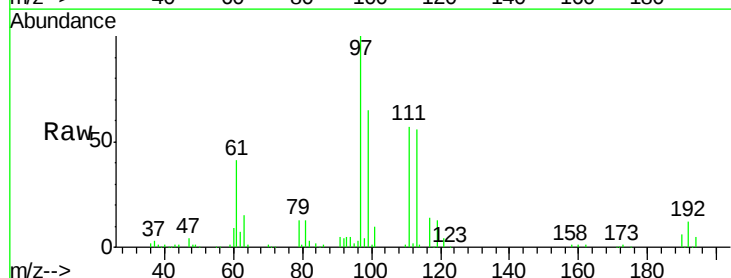
Tgt Ion: 97 Resp: 95459

Ion Ratio Lower Upper

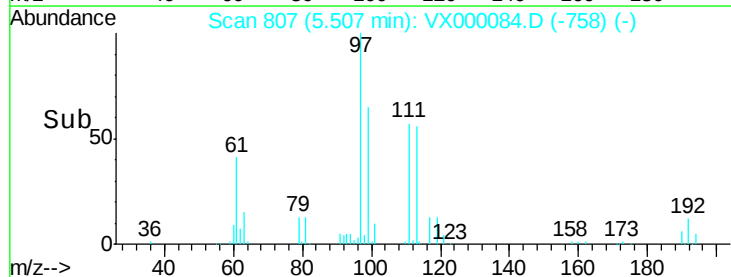
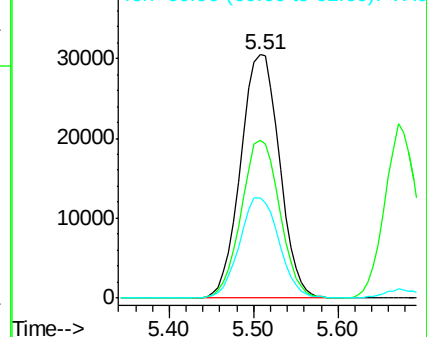
97 100

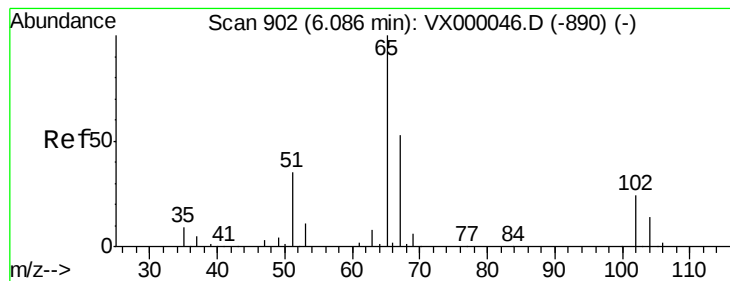
99 64.3 50.8 76.2

61 41.9 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.91 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

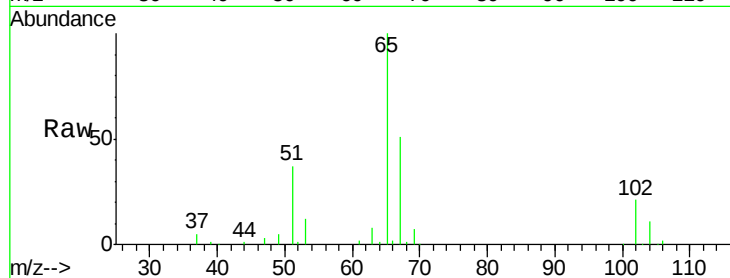
Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 65 Resp: 61009

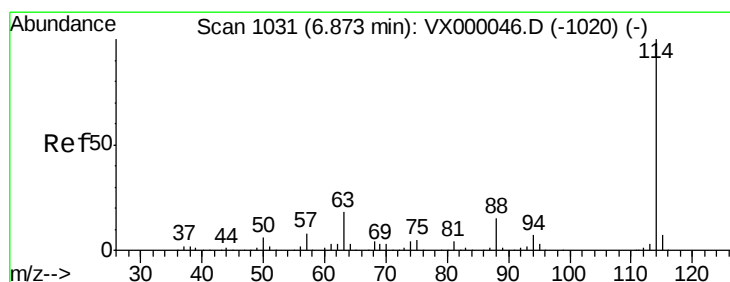
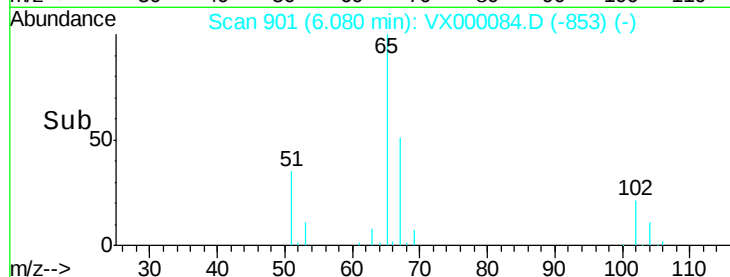
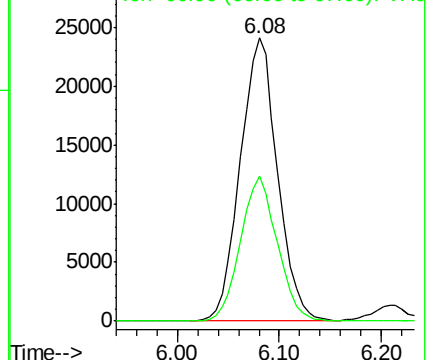
Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

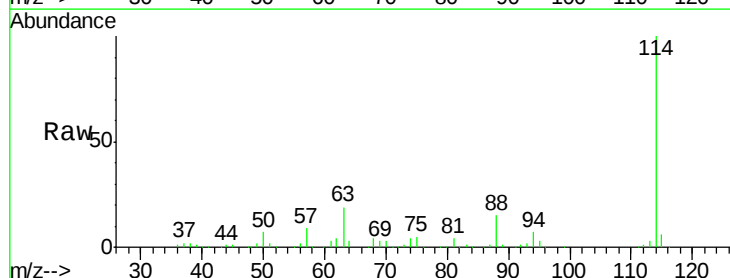
Tgt Ion: 114 Resp: 179780

Ion Ratio Lower Upper

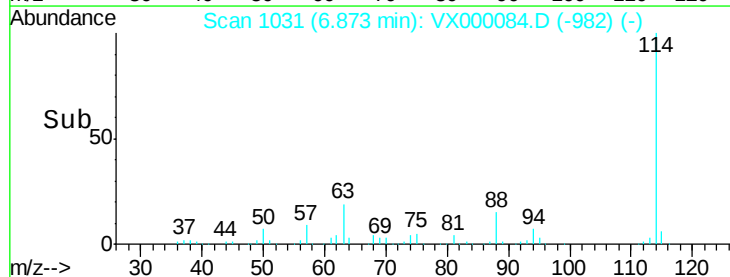
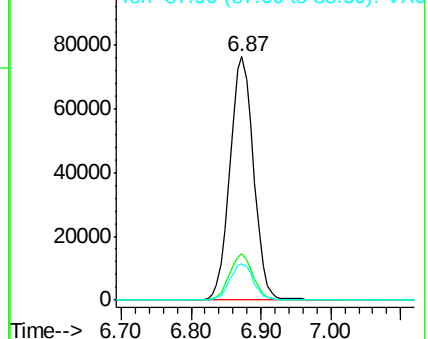
114 100

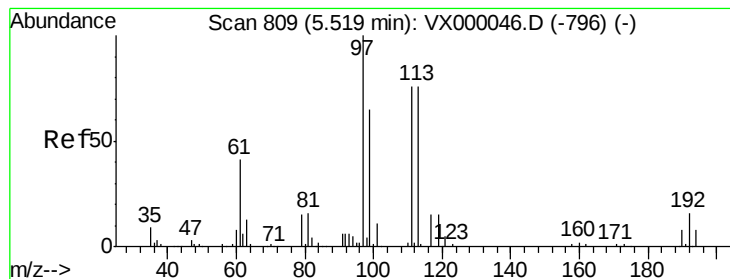
63 18.9 0.0 36.0

88 14.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.55 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

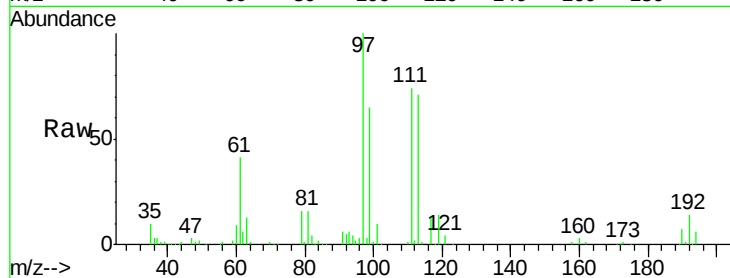
Tgt Ion:113 Resp: 53058

Ion Ratio Lower Upper

113 100

111 103.2 80.5 120.7

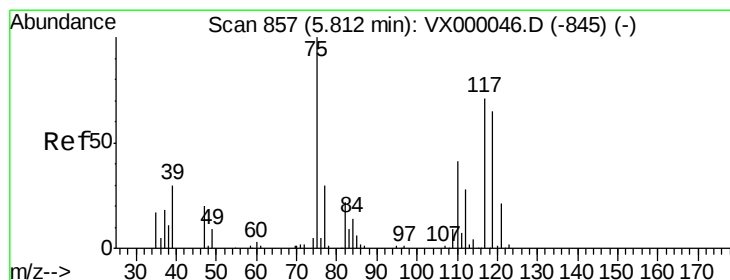
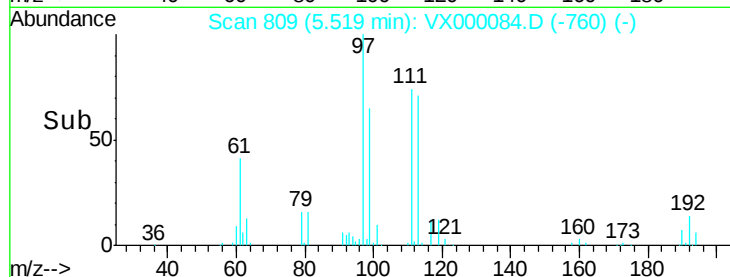
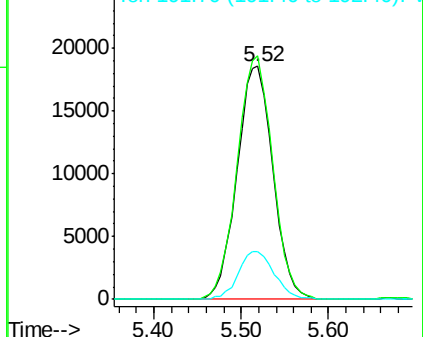
192 20.5 16.9 25.3



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: 49.06 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

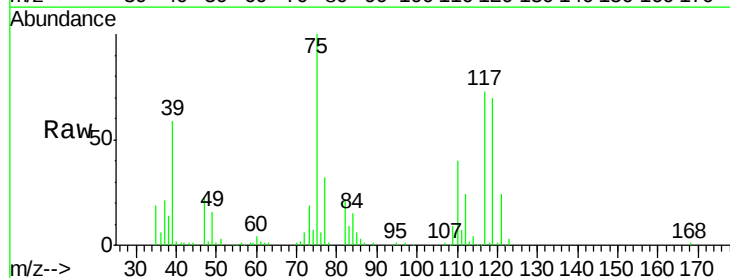
Tgt Ion: 75 Resp: 76798

Ion Ratio Lower Upper

75 100

110 38.3 19.4 58.4

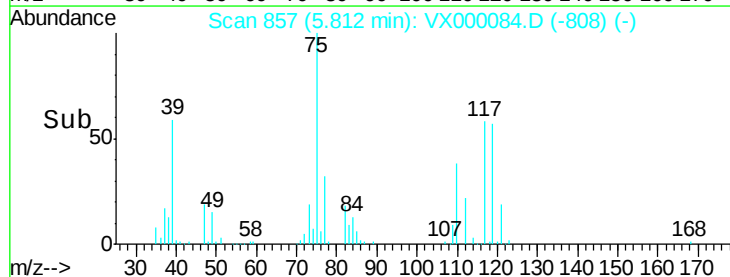
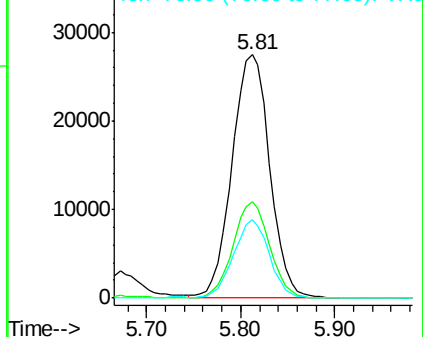
77 30.5 24.2 36.4

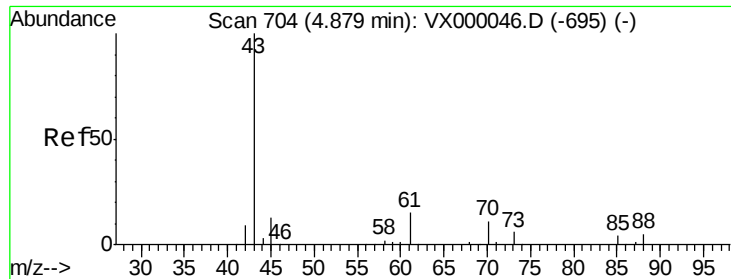


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.51 ug/l

RT: 4.88 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

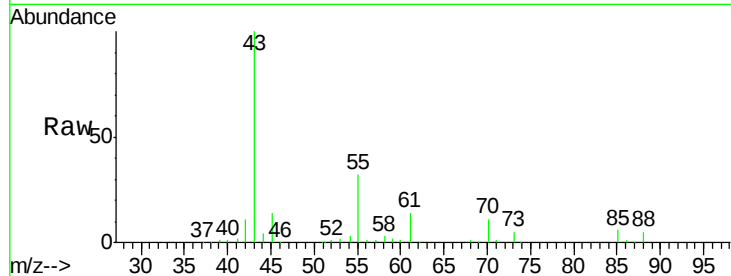
Tgt Ion: 43 Resp: 106137

Ion Ratio Lower Upper

43 100

61 14.5 11.4 17.2

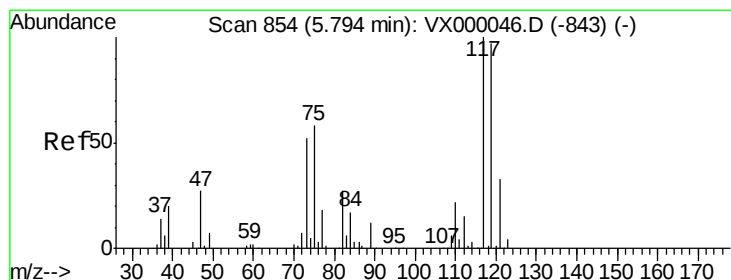
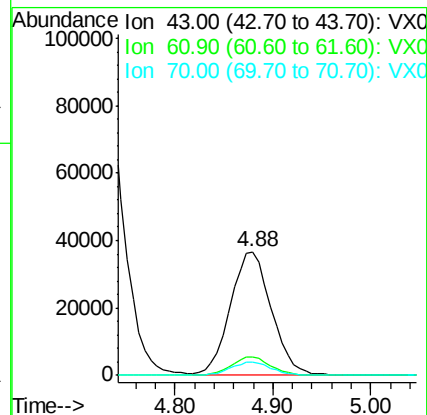
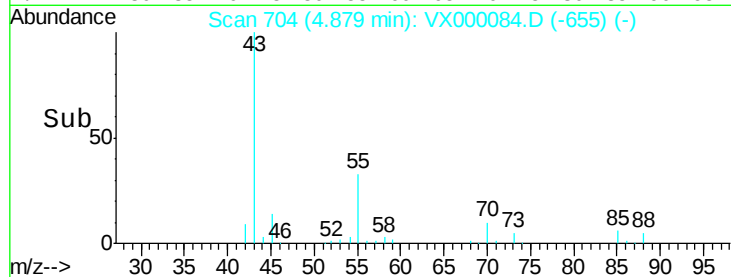
70 10.6 9.0 13.6



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: 49.60 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

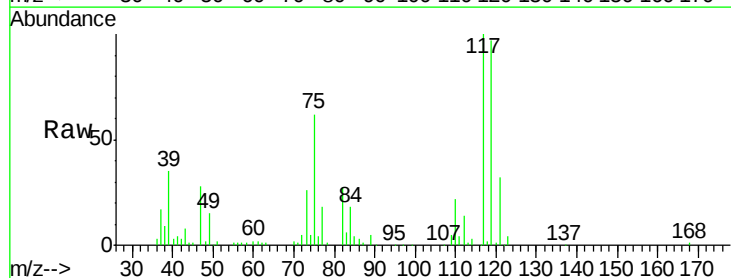
Tgt Ion: 117 Resp: 87183

Ion Ratio Lower Upper

117 100

119 97.3 76.9 115.3

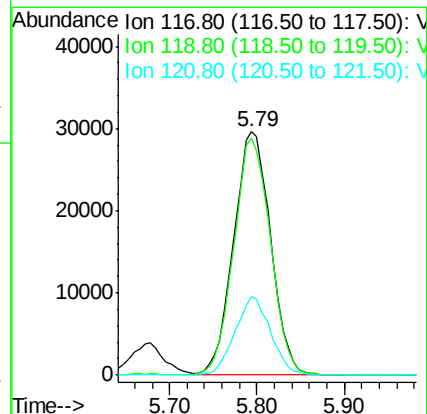
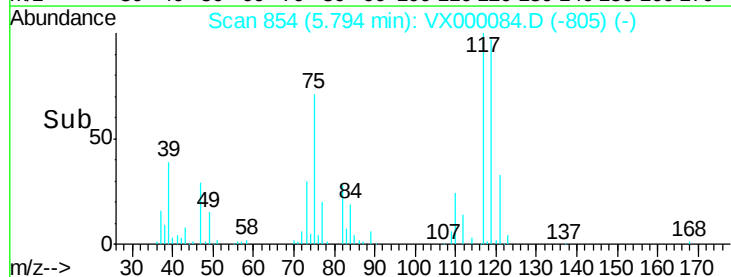
121 32.0 25.8 38.8

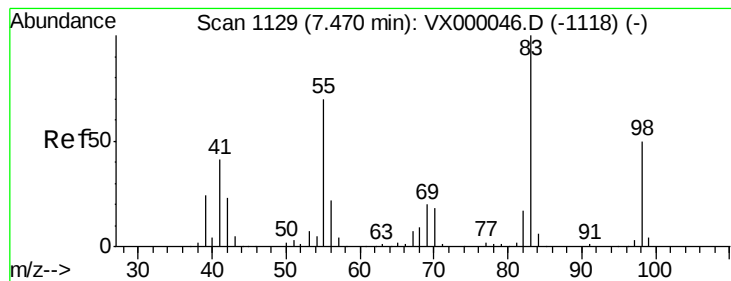


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 49.40 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :
ClientSampleId :
VSTDCCC050EC

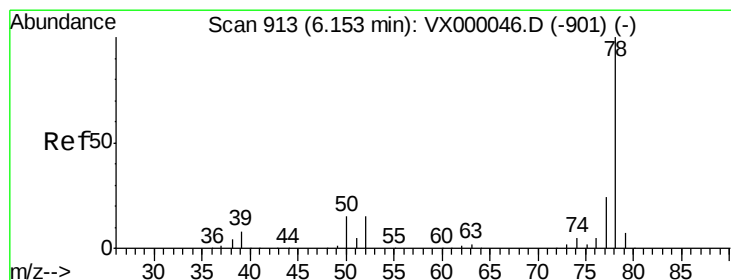
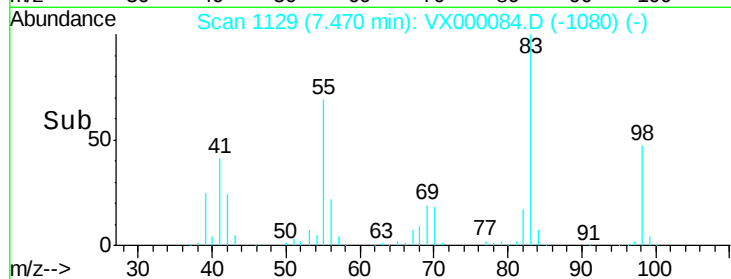
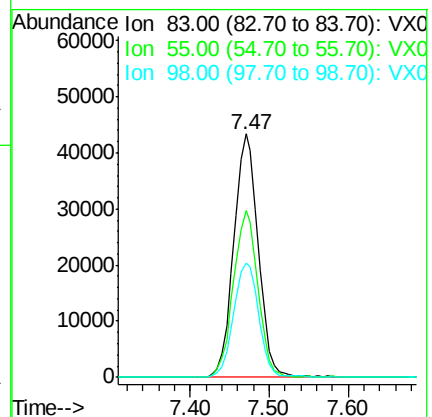
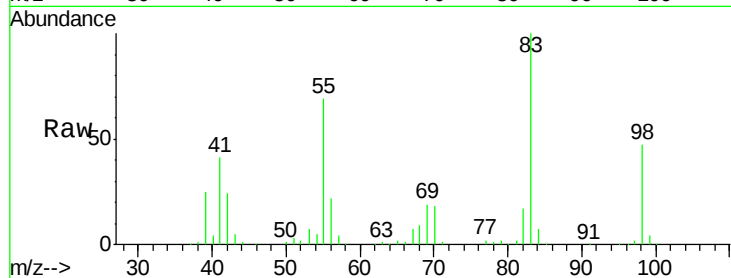
Tgt Ion: 83 Resp: 93883

Ion Ratio Lower Upper

83 100

55 68.7 55.7 83.5

98 46.9 39.7 59.5



#40

Benzene

Concen: 50.72 ug/l

RT: 6.16 min Scan# 914

Delta R.T. 0.01 min

Lab File: VX000084.D

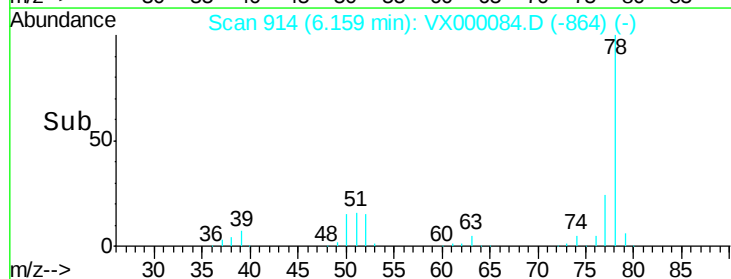
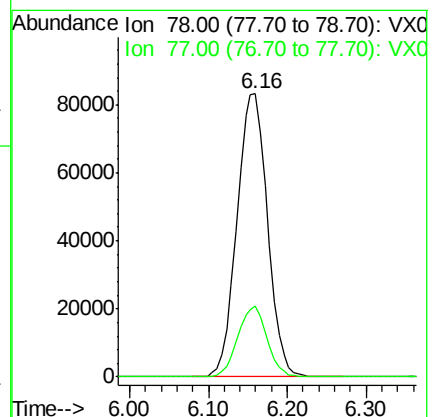
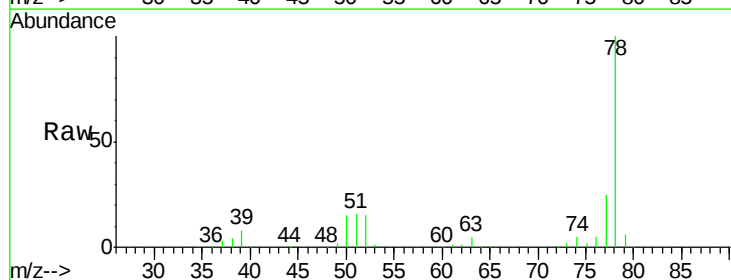
Acq: 13 Feb 2018 19:08

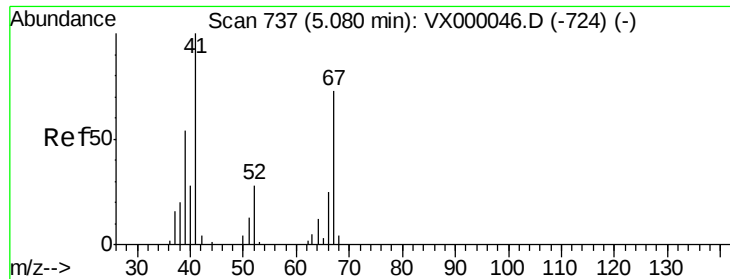
Tgt Ion: 78 Resp: 224373

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.2

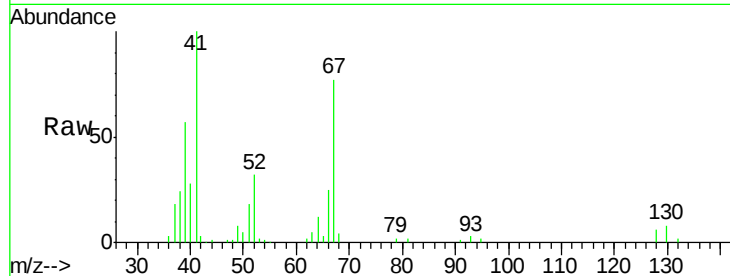




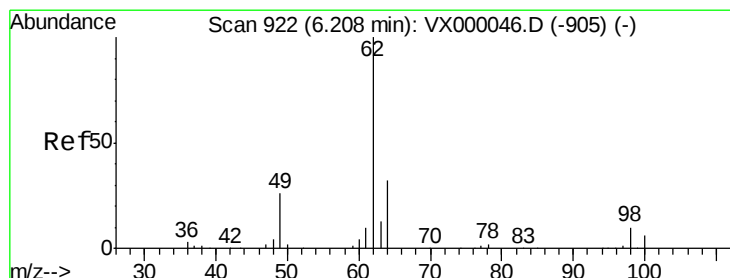
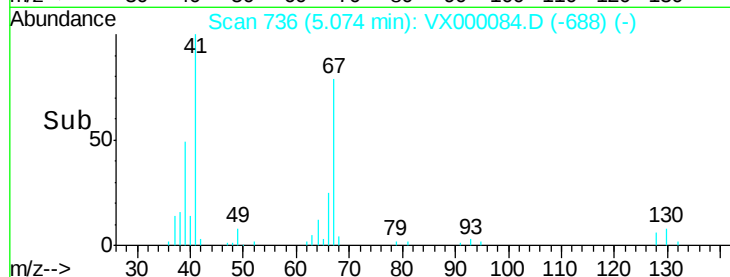
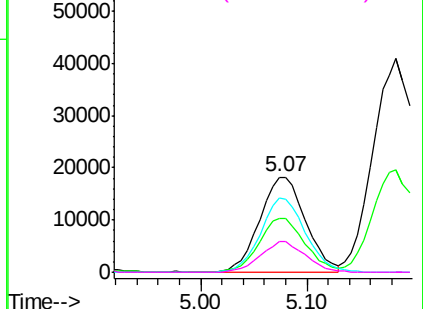
#41
Methacrylonitrile
Concen: 52.70 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	54713
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.8
67	76.1	60.6	91.0
52	31.5	25.4	38.2

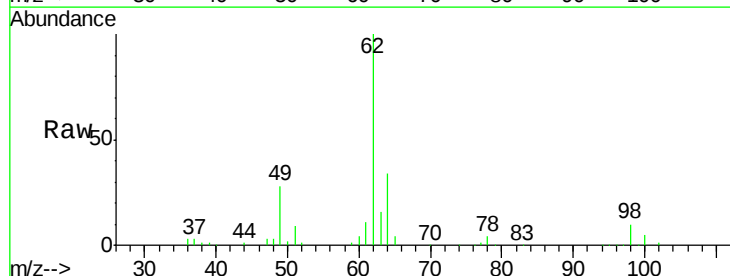


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

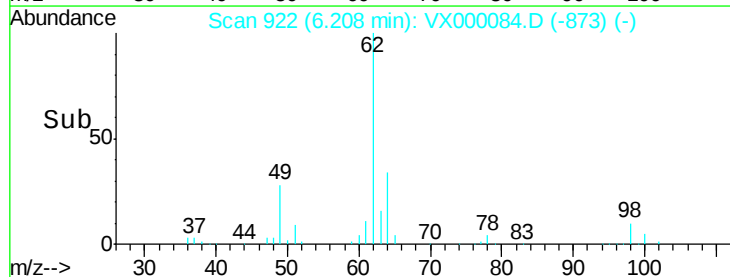
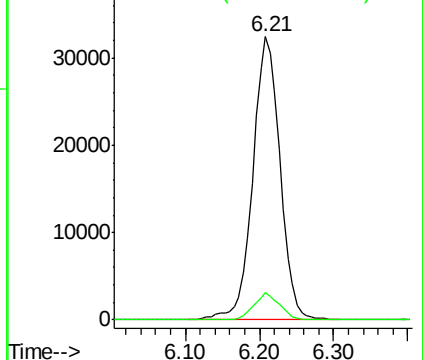


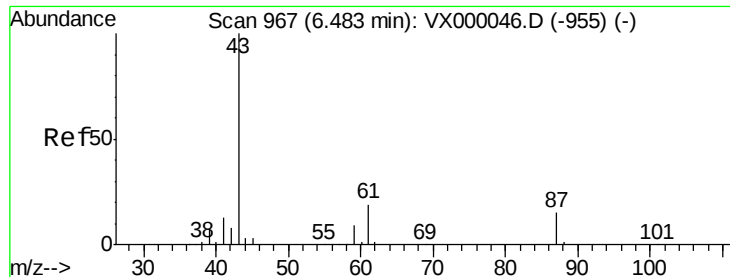
#42
1,2-Dichloroethane
Concen: 52.63 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion:	62	Resp:	83179
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 51.76 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :
ClientSampleId :
VSTDCCC050EC

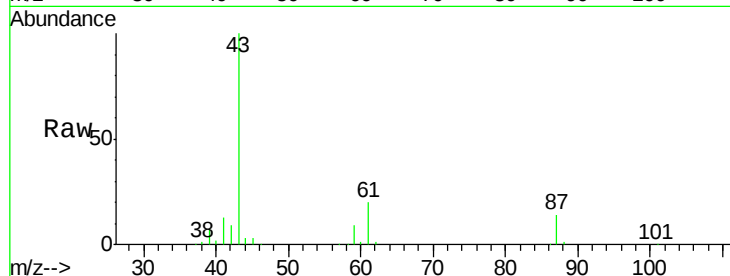
Tgt Ion: 43 Resp: 157753

Ion Ratio Lower Upper

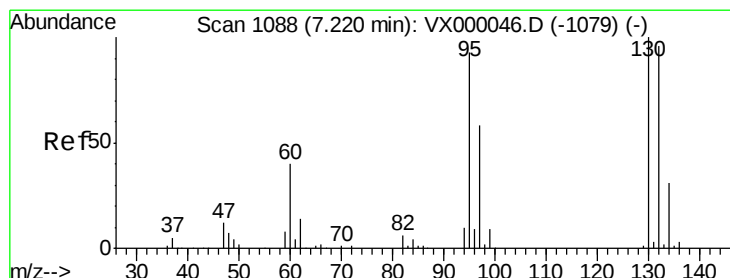
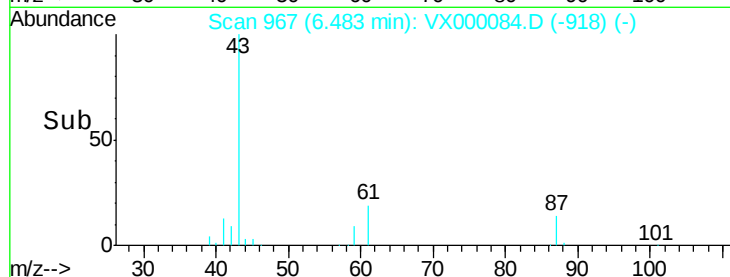
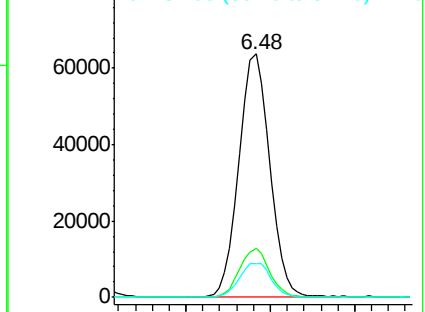
43 100

61 19.4 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: 49.00 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000084.D

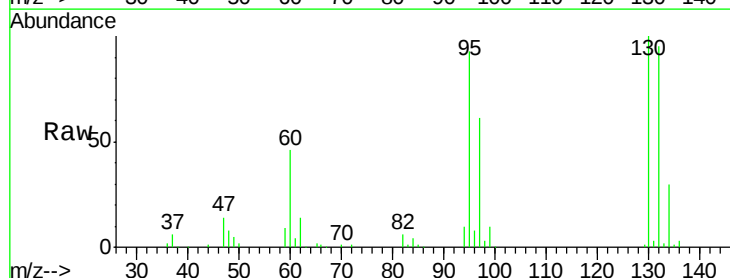
Acq: 13 Feb 2018 19:08

Tgt Ion: 130 Resp: 67074

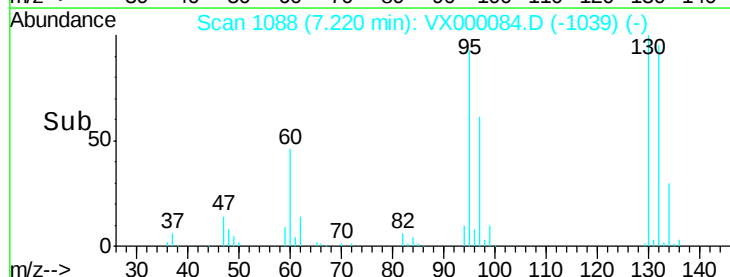
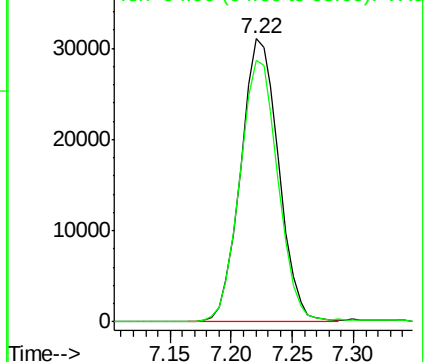
Ion Ratio Lower Upper

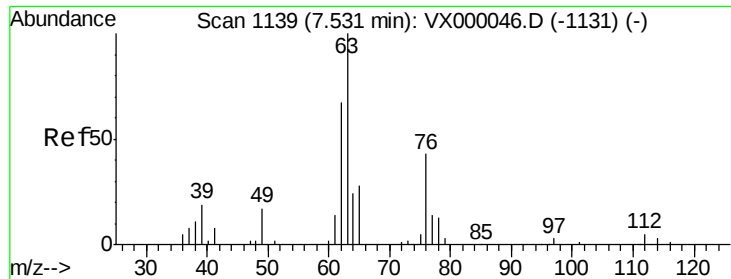
130 100

95 92.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

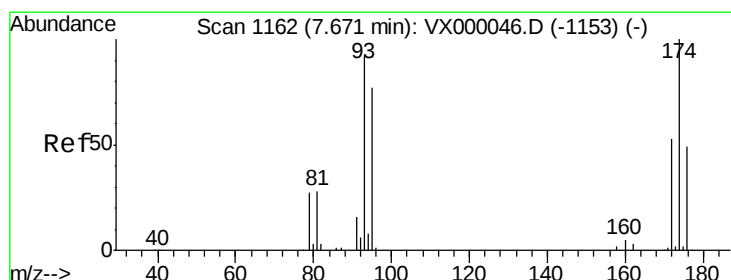
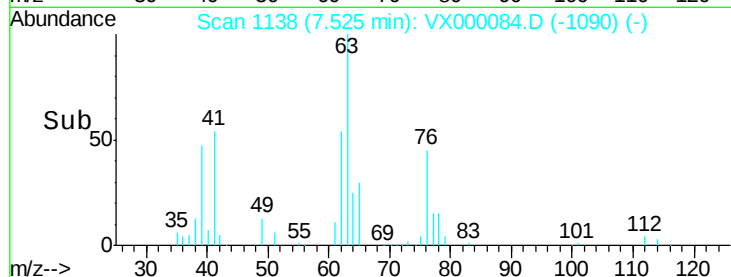
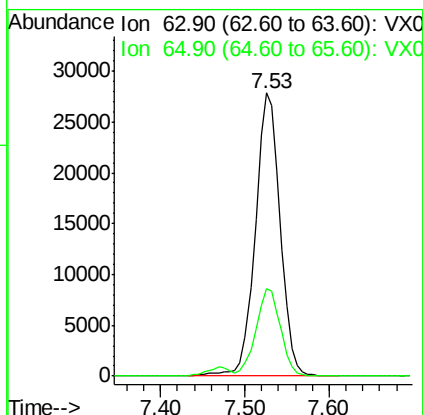
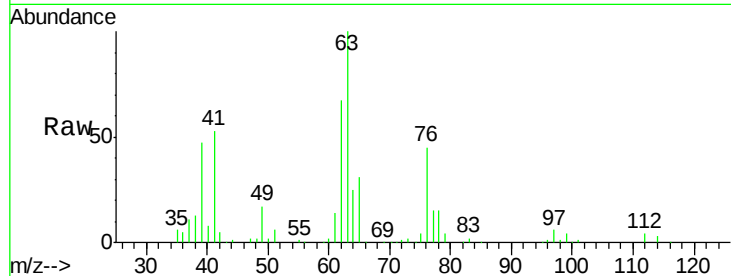




#45
 1,2-Dichloropropane
 Concen: 52.37 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

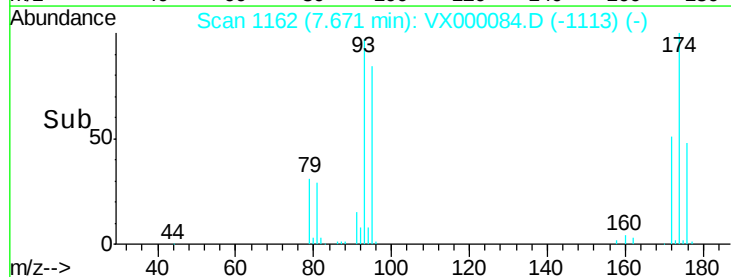
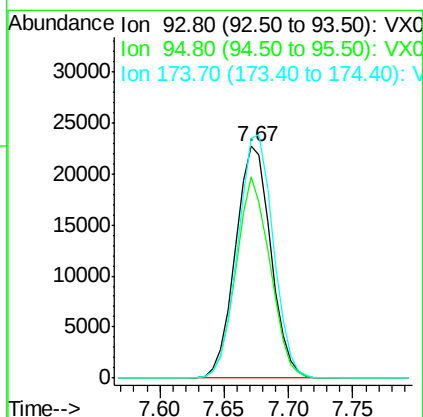
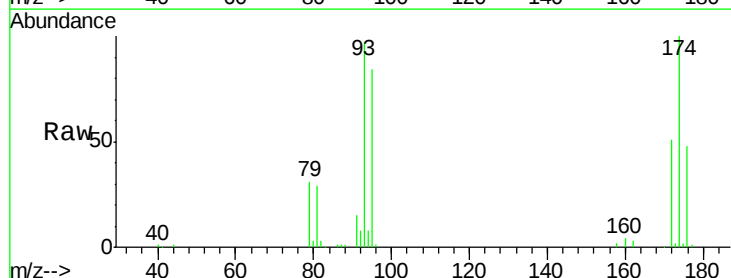
Instrument :
 ClientSampled :
 VSTDCCC050EC

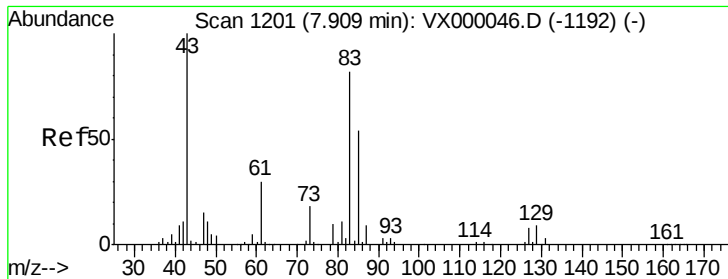
Tgt Ion: 63 Resp: 56331
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.7 35.5



#46
 Dibromomethane
 Concen: 52.01 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 93 Resp: 43176
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.3 99.5
 174 104.7 90.4 135.6





#47

Bromodichloromethane

Concen: 51.36 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

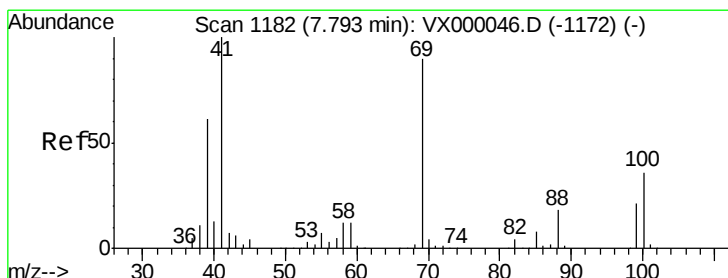
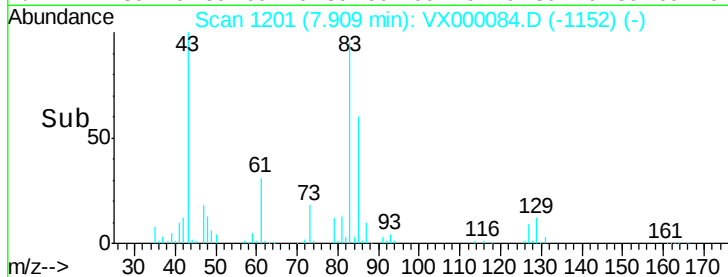
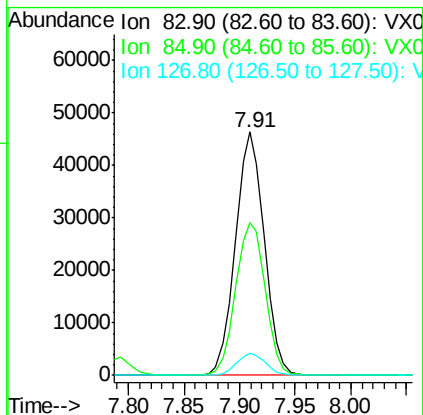
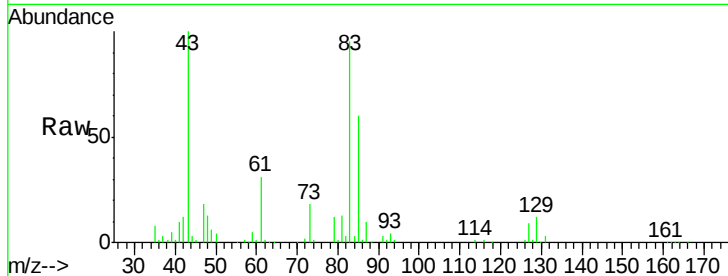
Tgt Ion: 83 Resp: 82913

Ion Ratio Lower Upper

83 100

85 62.8 52.3 78.5

127 9.1 7.4 11.0



#48

Methyl methacrylate

Concen: 51.11 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

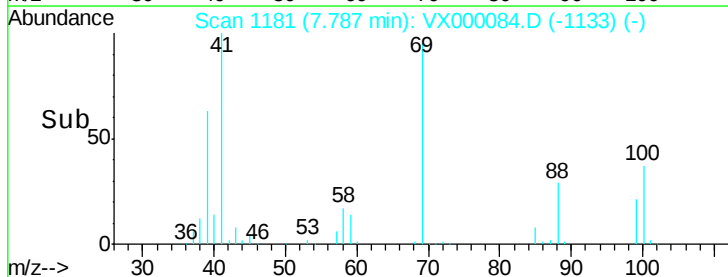
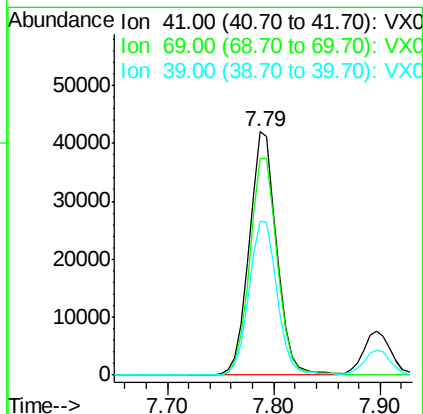
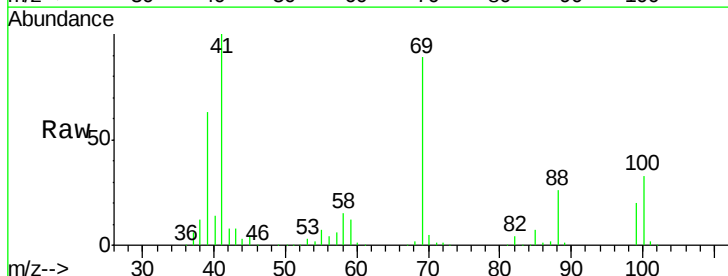
Tgt Ion: 41 Resp: 76457

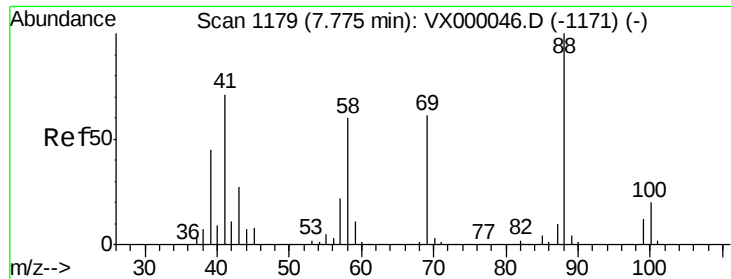
Ion Ratio Lower Upper

41 100

69 89.5 72.1 108.1

39 64.9 49.6 74.4

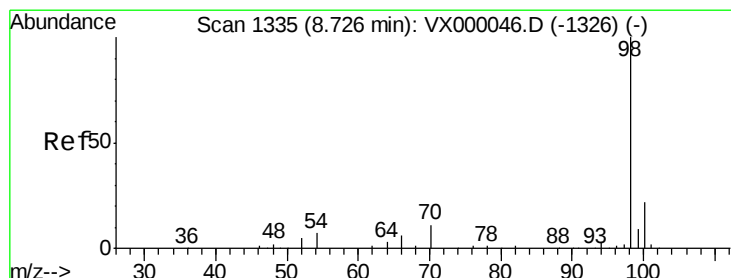
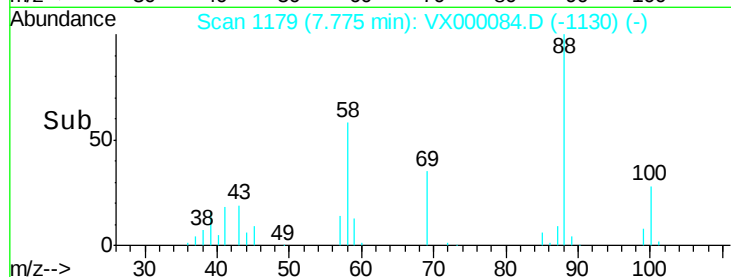
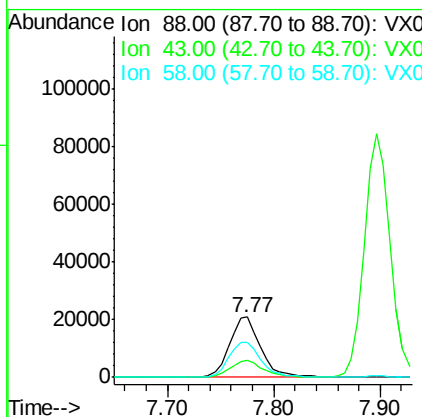
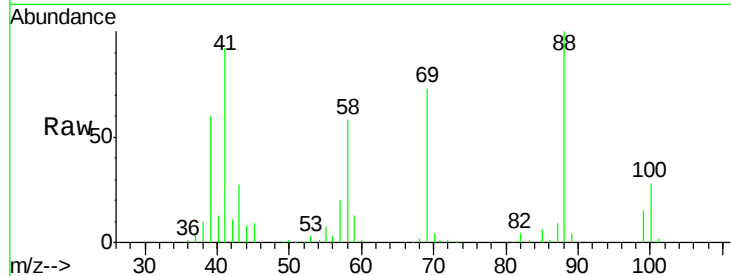




#49
1,4-Dioxane
Concen: 1072.32 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

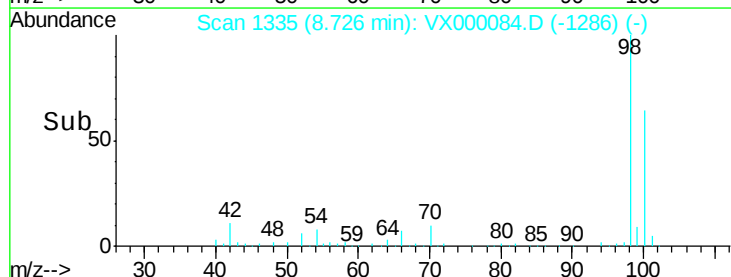
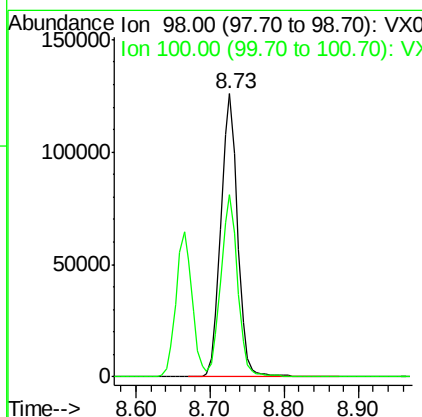
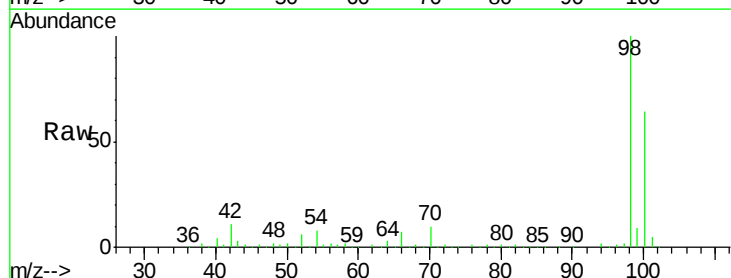
Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 88 Resp: 42729
Ion Ratio Lower Upper
88 100
43 30.3 22.6 33.8
58 61.5 49.4 74.2



#50
Toluene-d8
Concen: 50.34 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 98 Resp: 196654
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

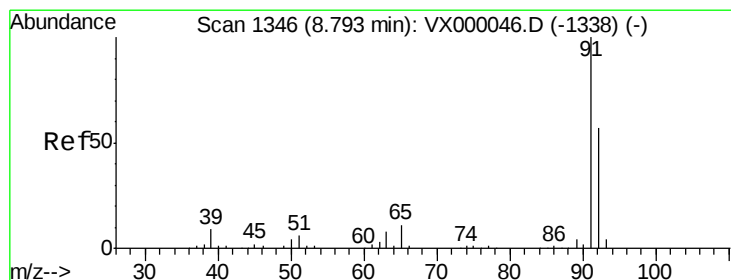
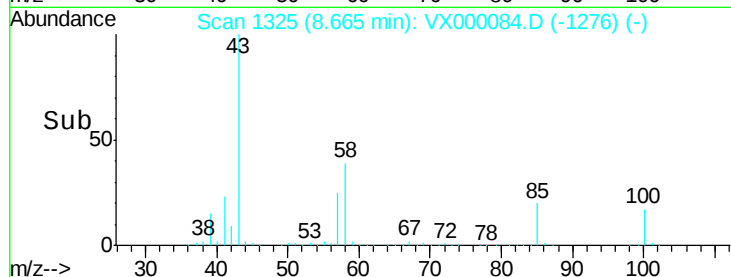
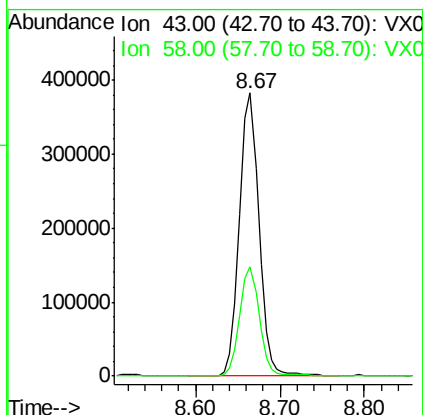
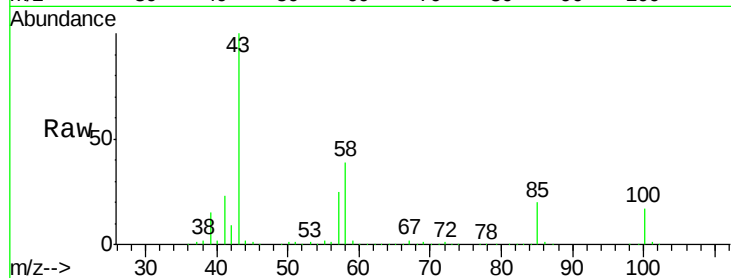




#51
 4-Methyl-2-Pentanone
 Concen: 282.49 ug/l
 RT: 8.67 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

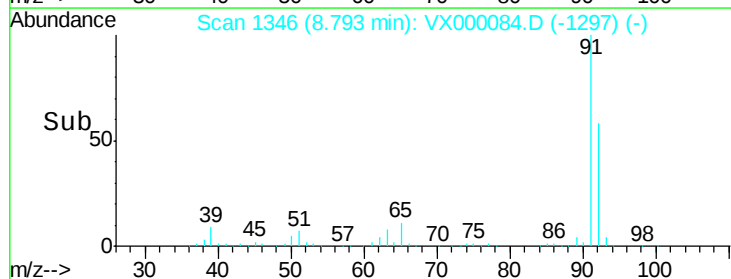
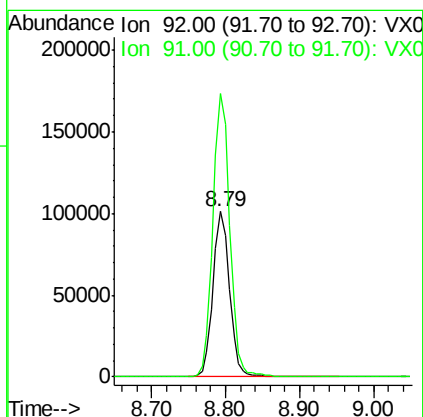
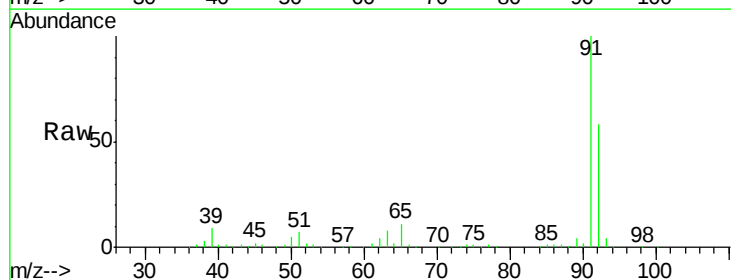
Instrument :
 ClientSampleId :
 VSTDCCC050EC

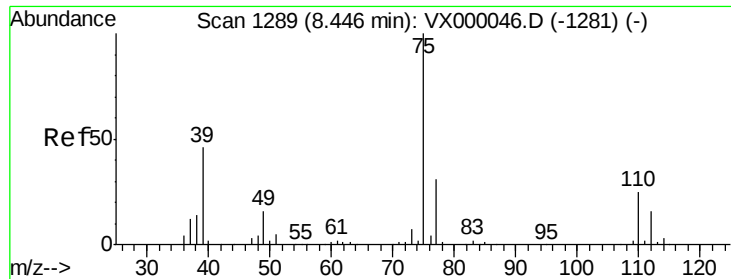
Tgt Ion: 43 Resp: 599897
 Ion Ratio Lower Upper
 43 100
 58 39.1 32.1 48.1



#52
 Toluene
 Concen: 52.20 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 92 Resp: 155132
 Ion Ratio Lower Upper
 92 100
 91 174.8 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 51.61 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

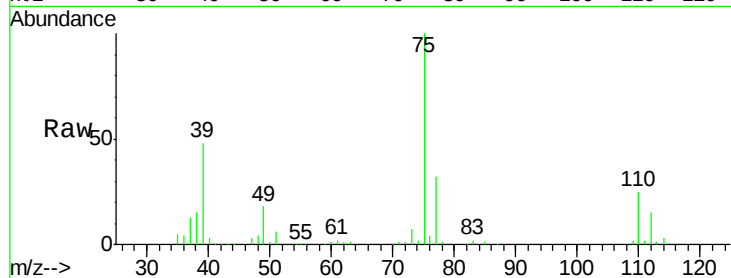
Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 75 Resp: 97462

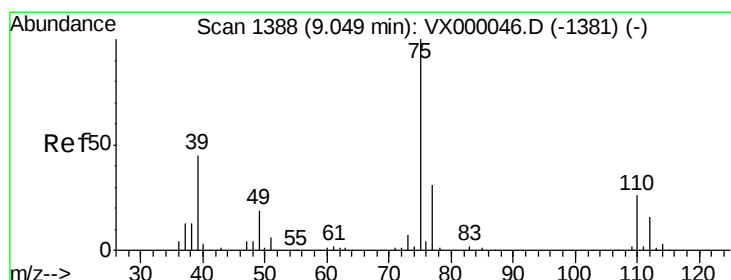
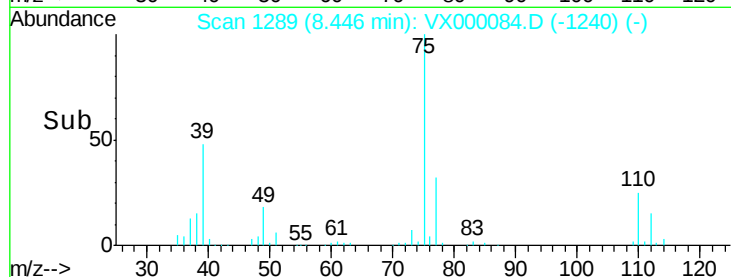
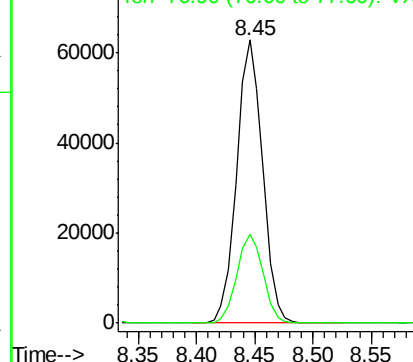
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.01 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

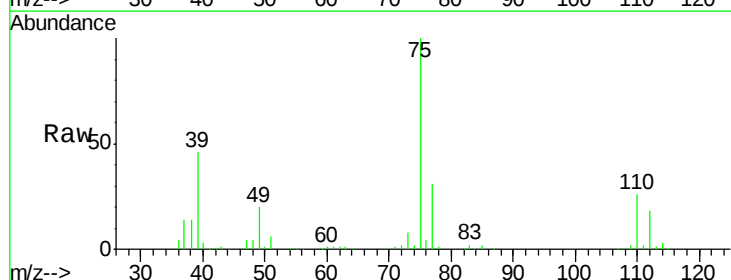
Tgt Ion: 75 Resp: 97299

Ion Ratio Lower Upper

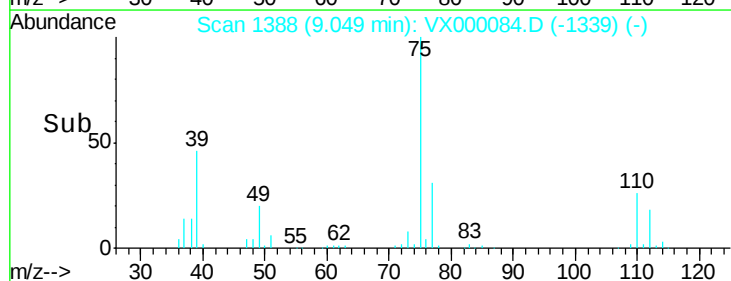
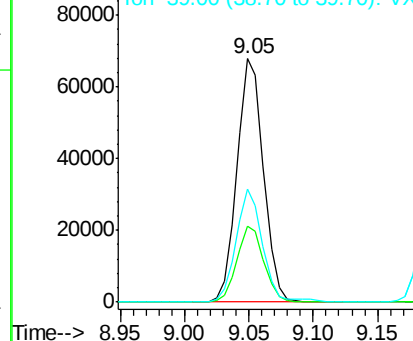
75 100

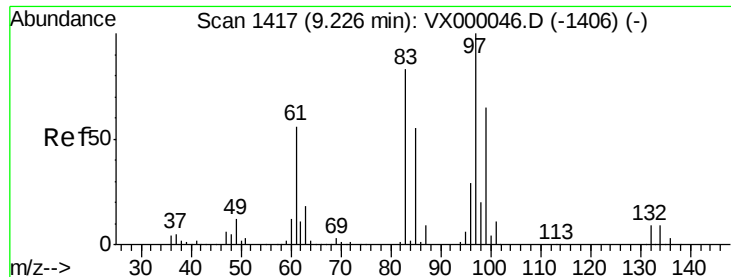
77 31.3 25.1 37.7

39 46.3 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

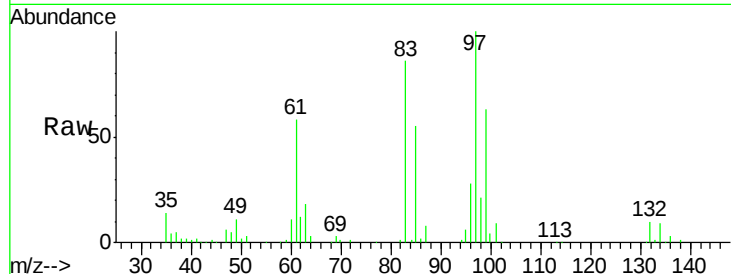




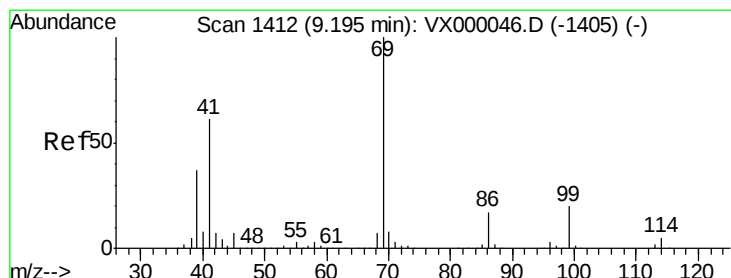
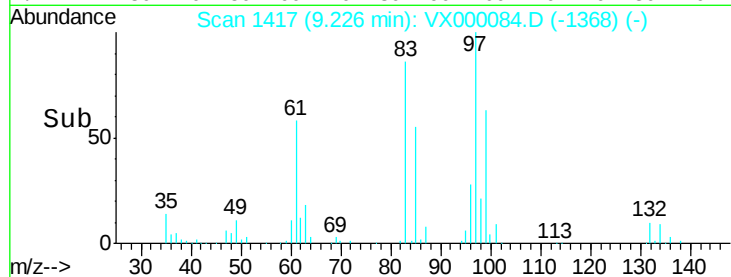
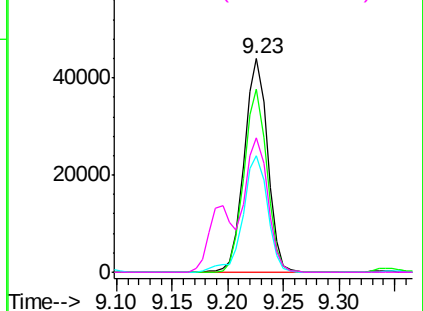
#55
 1,1,2-Trichloroethane
 Concen: 51.43 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	64095
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.5	99.7
85	54.6	43.8	65.6
99	63.1	52.2	78.4

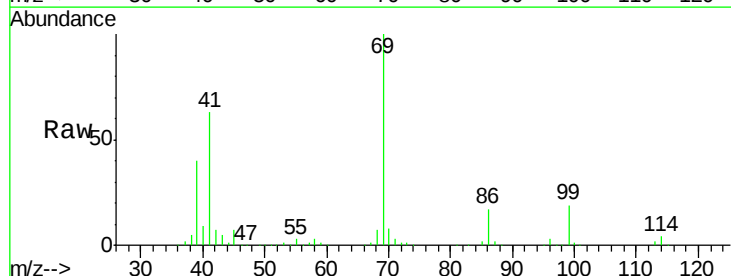


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

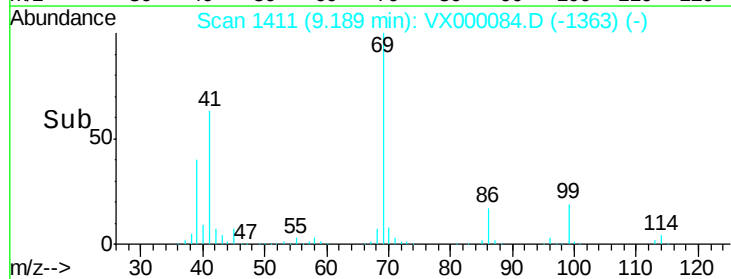
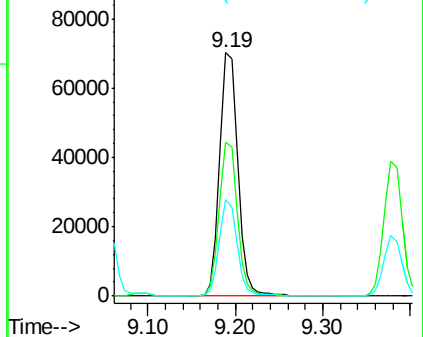


#56
 Ethyl methacrylate
 Concen: 53.08 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion:	69	Resp:	101472
Ion	Ratio	Lower	Upper
69	100		
41	63.7	49.5	74.3
39	38.8	29.9	44.9



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

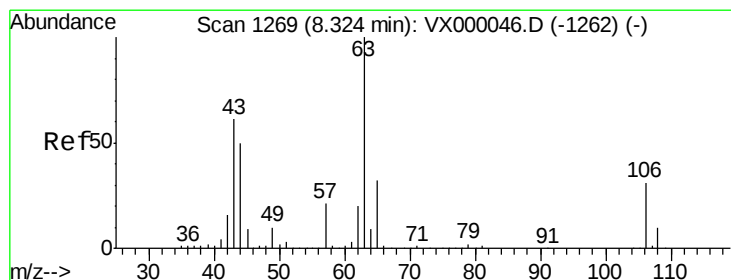
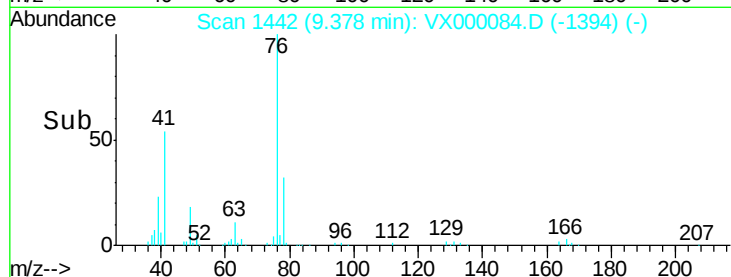
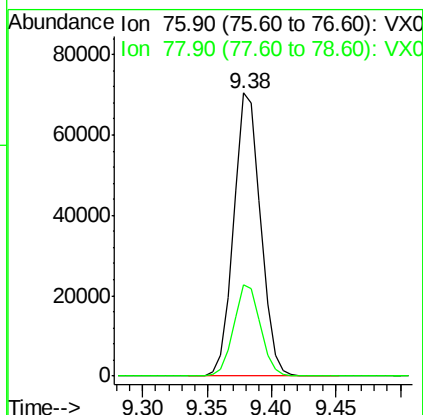
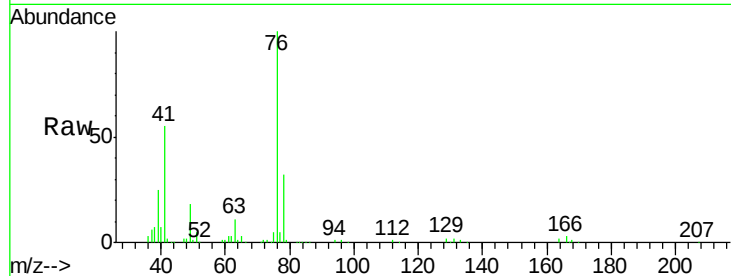




#57
 1,3-Dichloropropane
 Concen: 52.80 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

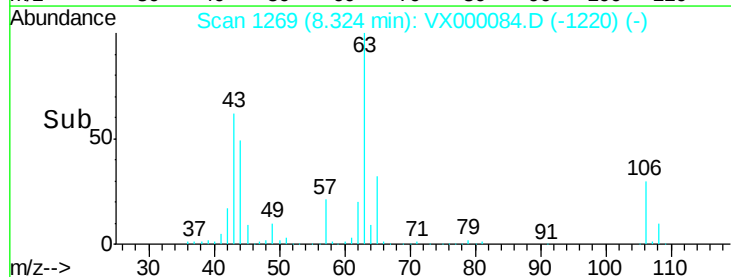
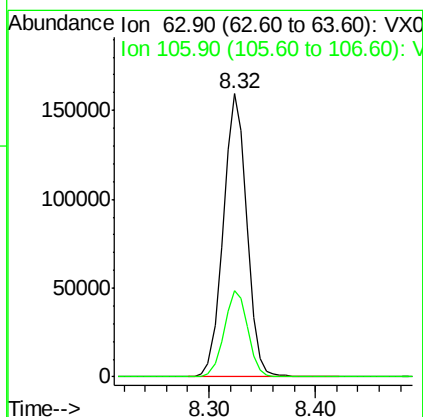
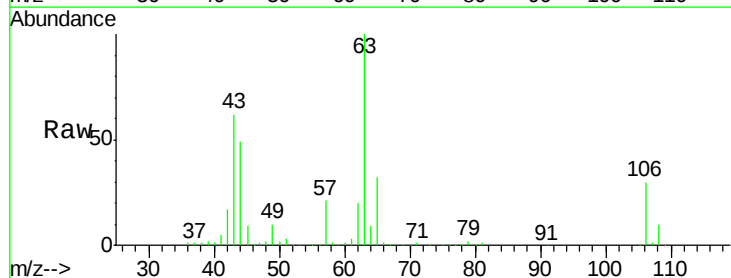
Instrument :
 ClientSampleId :
 VSTDCCC050EC

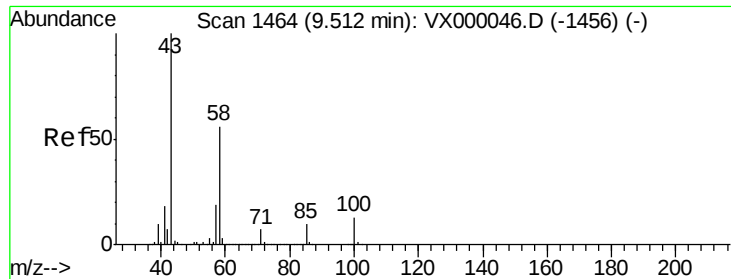
Tgt Ion: 76 Resp: 102376
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.98 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 63 Resp: 245487
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.7 37.1

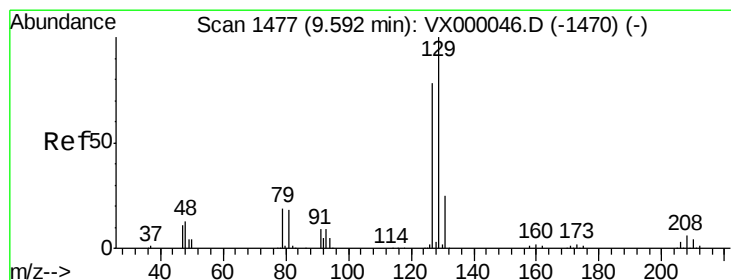
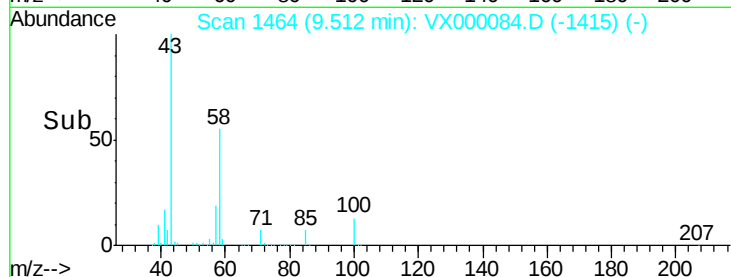
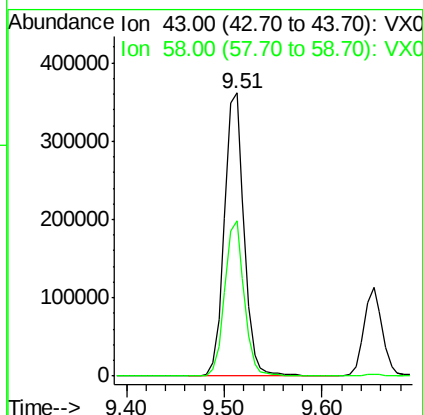
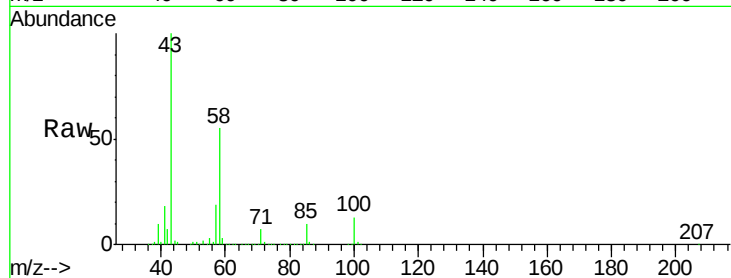




#59
2-Hexanone
Concen: 292.45 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

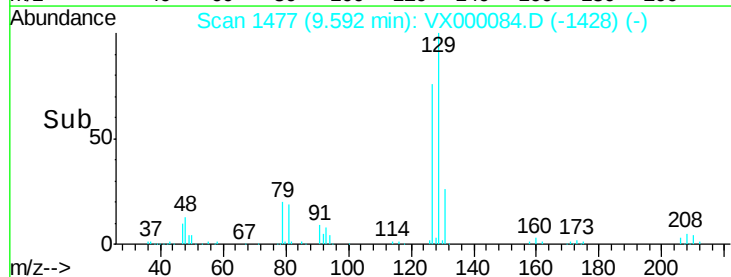
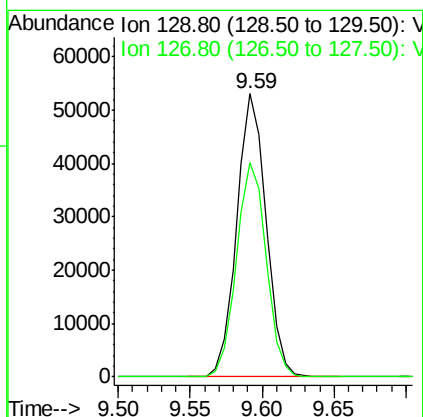
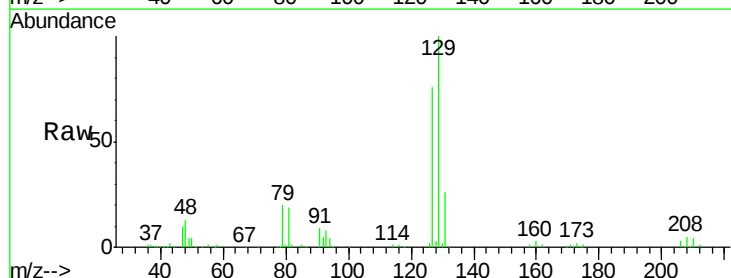
Instrument :
ClientSampled :
VSTDCCC050EC

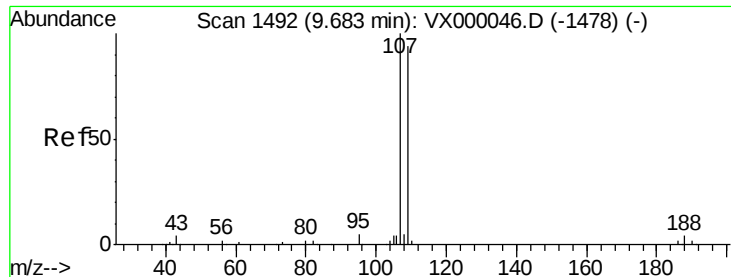
Tgt Ion: 43 Resp: 505111
Ion Ratio Lower Upper
43 100
58 54.2 27.6 82.7



#60
Dibromochloromethane
Concen: 52.60 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 129 Resp: 75385
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.64 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

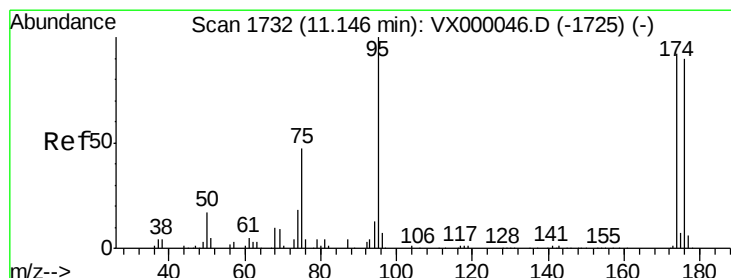
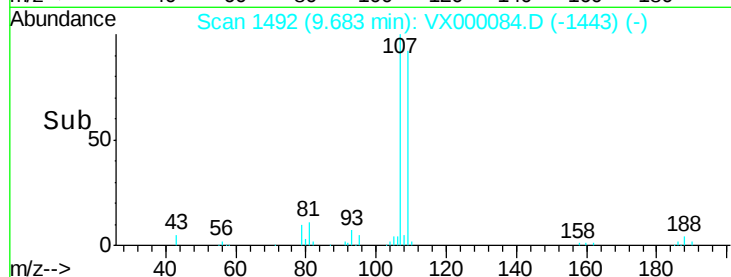
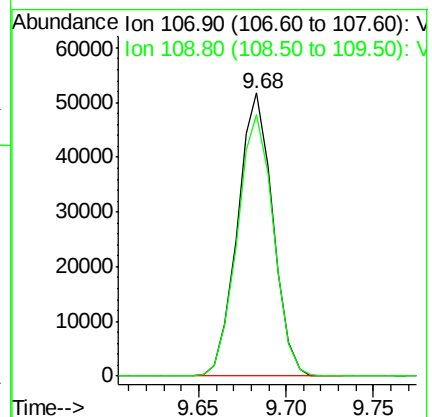
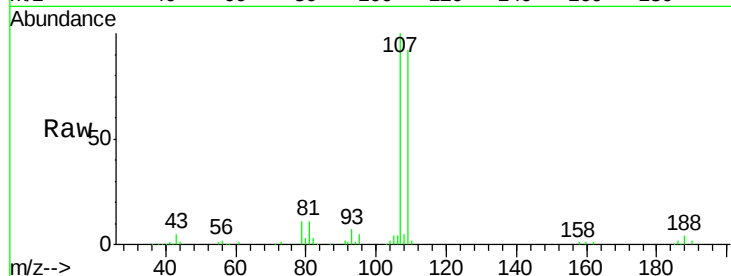
VSTDCCC050EC

Tgt Ion:107 Resp: 72256

Ion Ratio Lower Upper

107 100

109 95.1 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 50.63 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

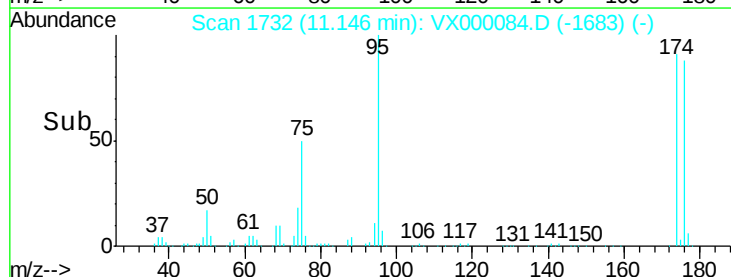
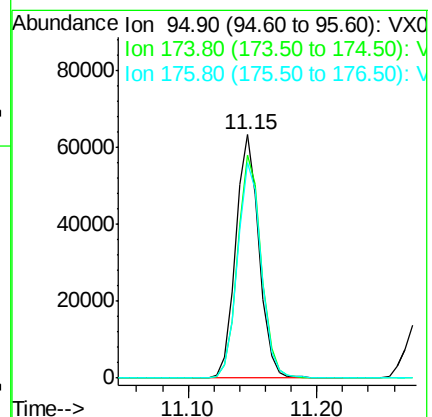
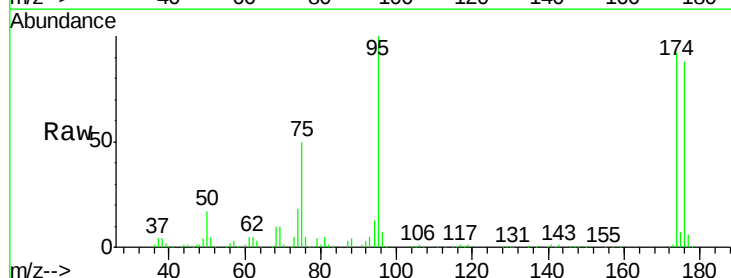
Tgt Ion: 95 Resp: 80431

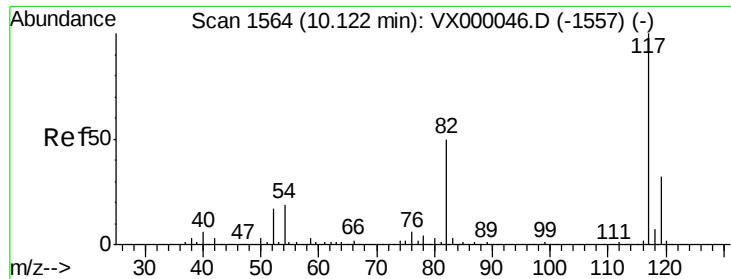
Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.6

176 89.9 0.0 181.8

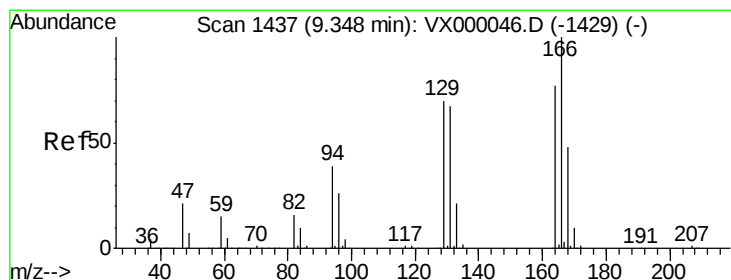
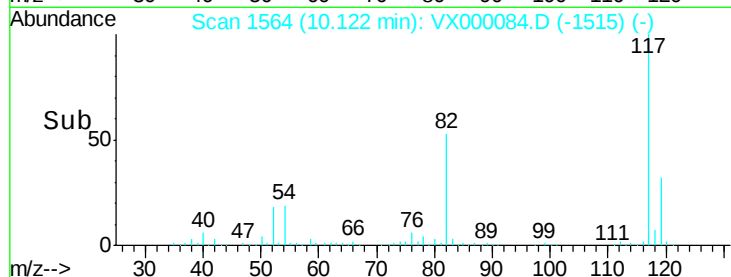
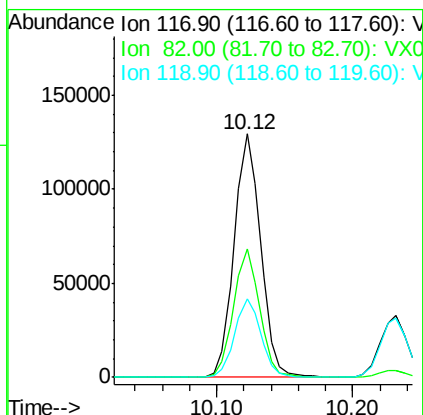
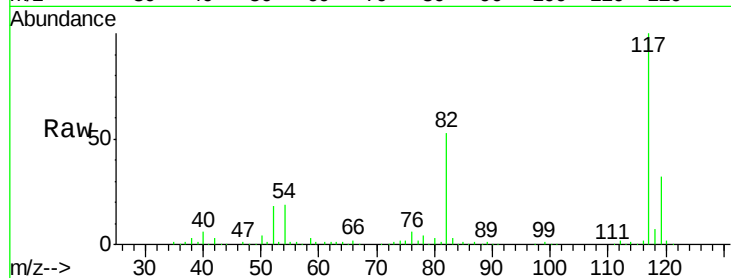




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

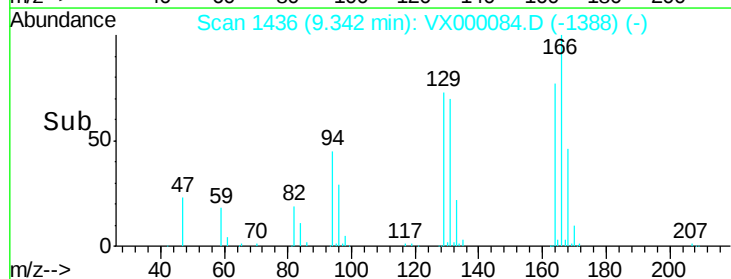
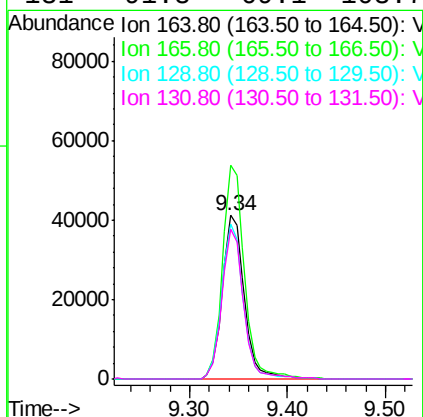
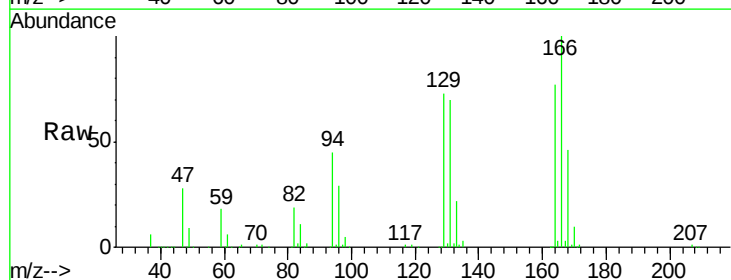
Instrument :
ClientSampleId :
VSTDCCC050EC

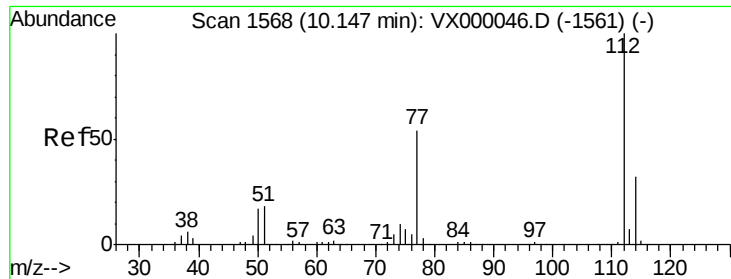
Tgt Ion:117 Resp: 176178
Ion Ratio Lower Upper
117 100
82 52.7 40.3 60.5
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 49.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion:164 Resp: 64530
Ion Ratio Lower Upper
164 100
166 130.5 103.7 155.5
129 94.9 72.2 108.4
131 91.8 69.1 103.7

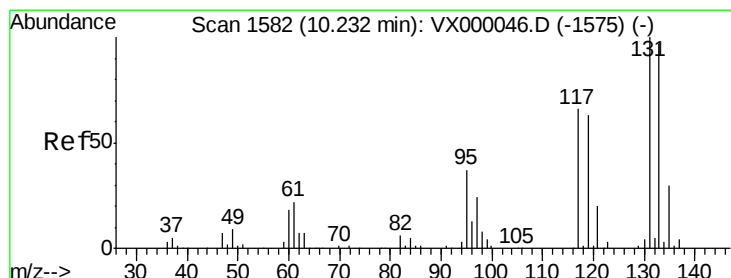
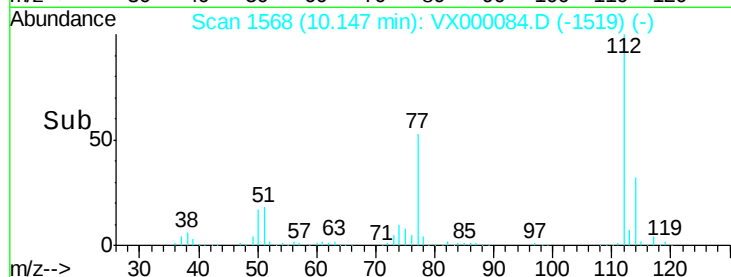
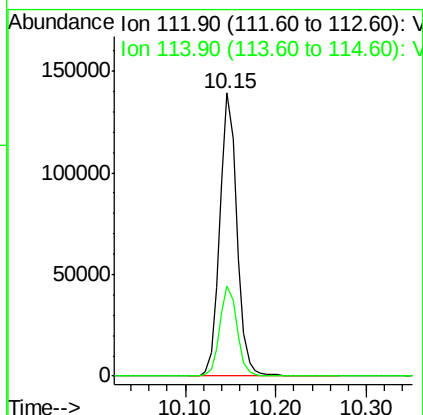
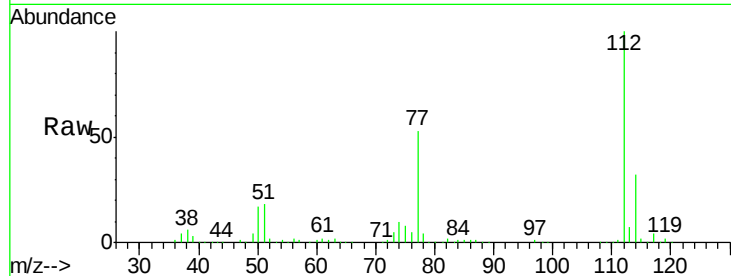




#65
Chlorobenzene
Concen: 50.25 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

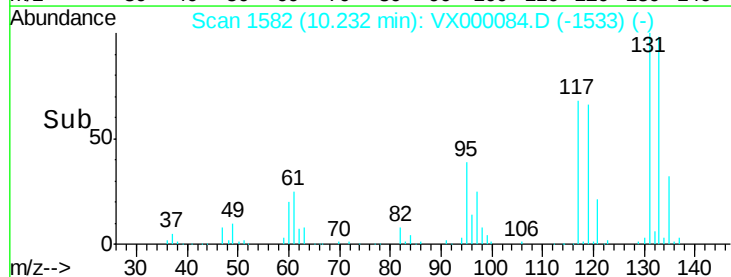
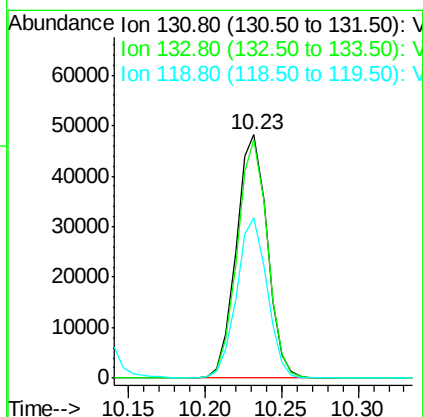
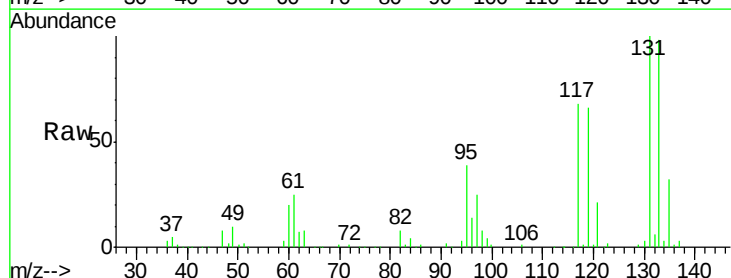
Instrument :
ClientSampleId :
VSTDCCC050EC

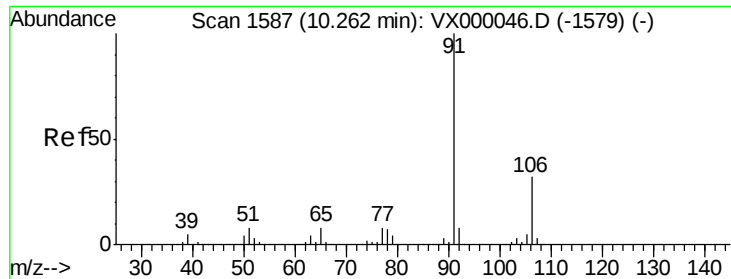
Tgt Ion:112 Resp: 184000
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.49 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion:131 Resp: 67789
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 64.6 31.7 95.1

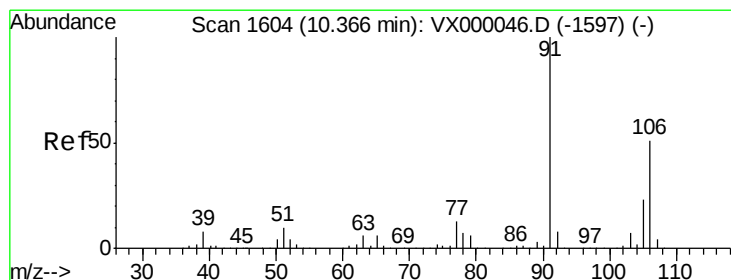
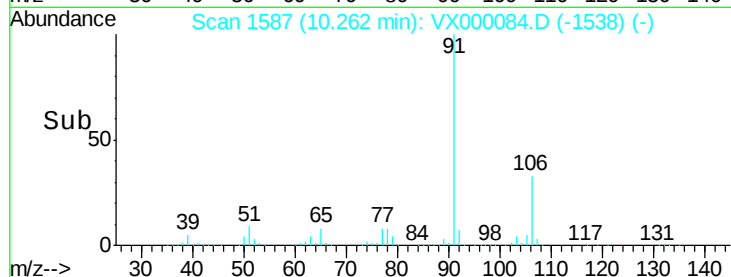
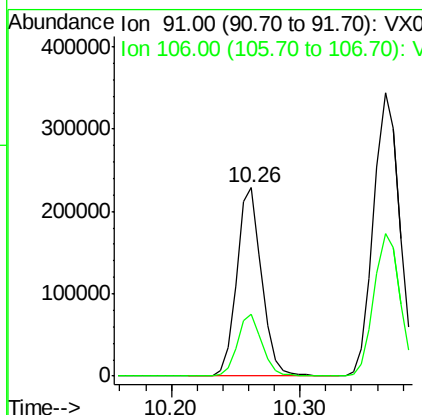
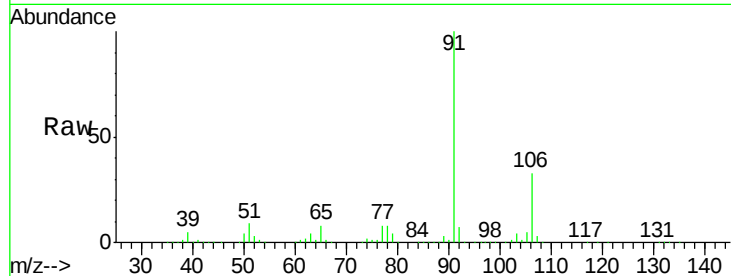




#67
Ethyl Benzene
Concen: 50.63 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

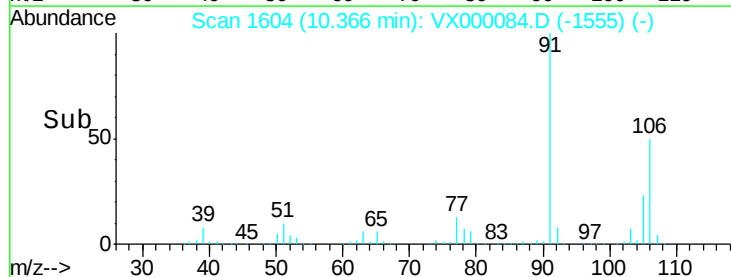
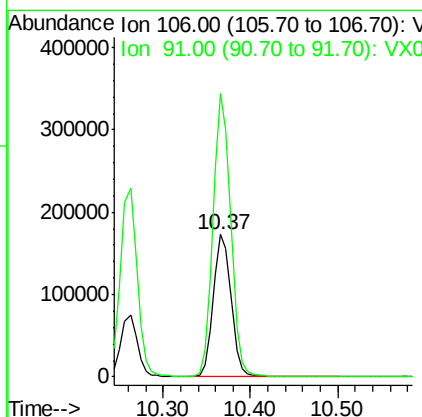
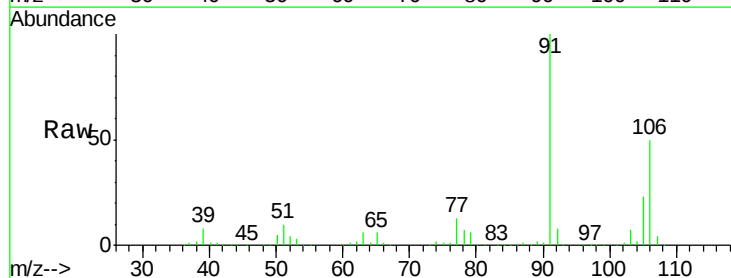
Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 91 Resp: 307288
Ion Ratio Lower Upper
91 100
106 32.6 25.9 38.9



#68
m/p-Xylenes
Concen: 101.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 106 Resp: 245740
Ion Ratio Lower Upper
106 100
91 197.1 158.3 237.5

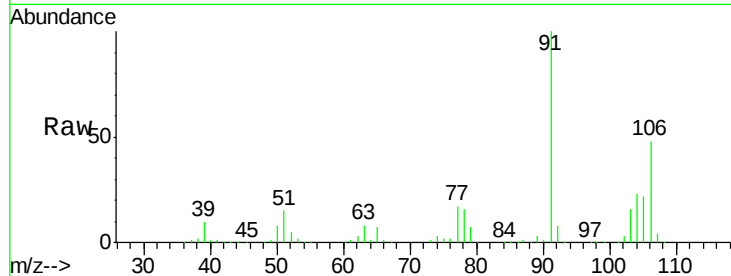




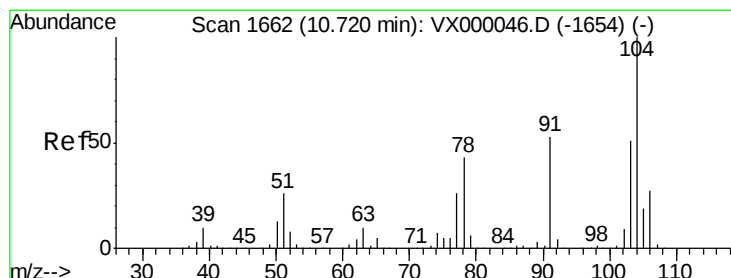
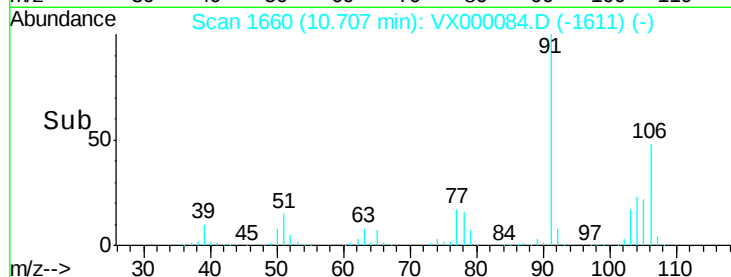
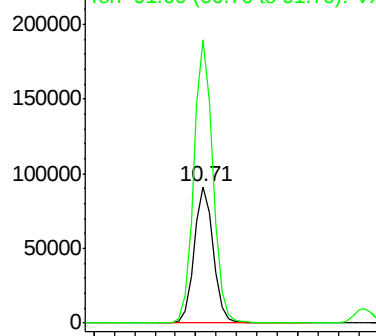
#69
o-Xylene
Concen: 51.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 119112
Ion Ratio Lower Upper
106 100
91 207.6 104.0 312.0

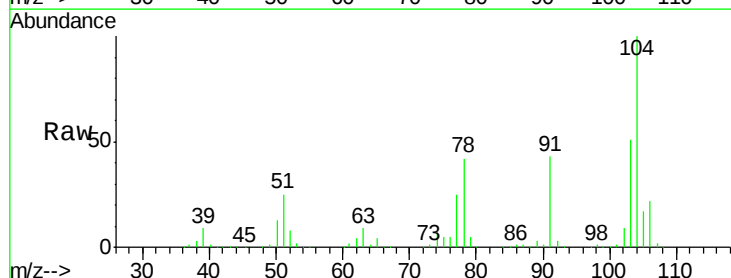


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

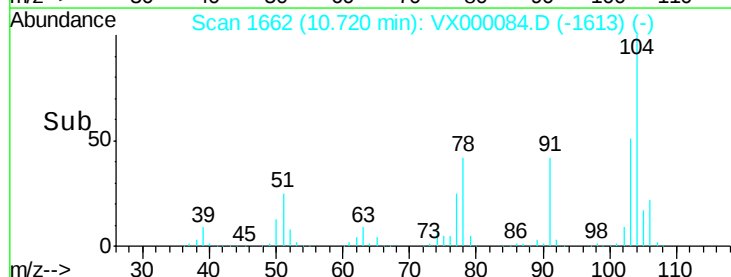
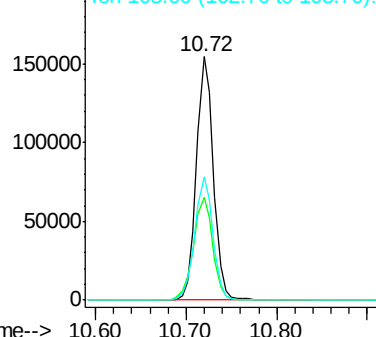


#70
Styrene
Concen: 51.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion:104 Resp: 201973
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 54.6 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: 51.90 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

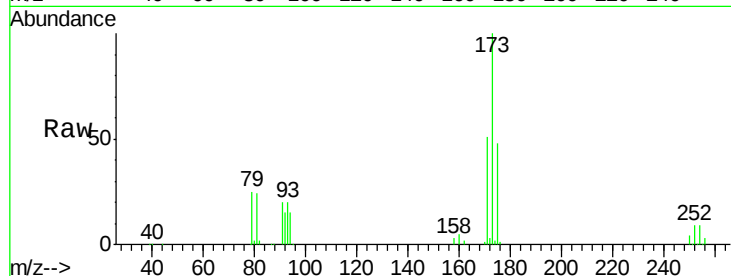
Tgt Ion:173 Resp: 64654

Ion Ratio Lower Upper

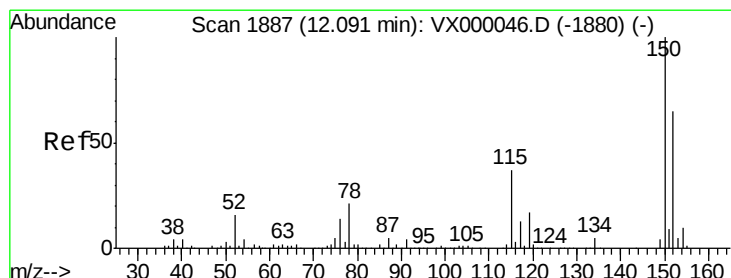
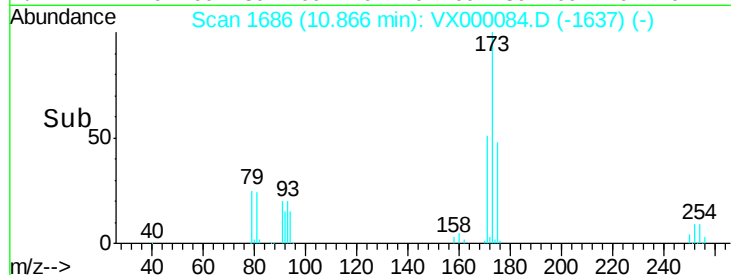
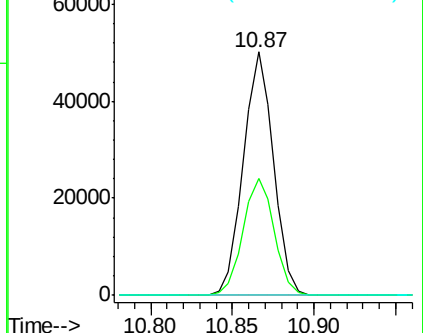
173 100

175 49.5 23.9 71.8

254 0.1 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# 1887

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

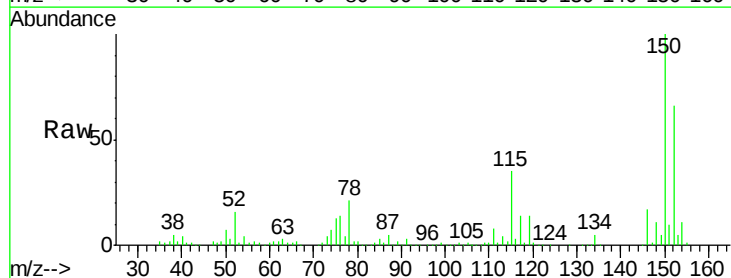
Tgt Ion:152 Resp: 102658

Ion Ratio Lower Upper

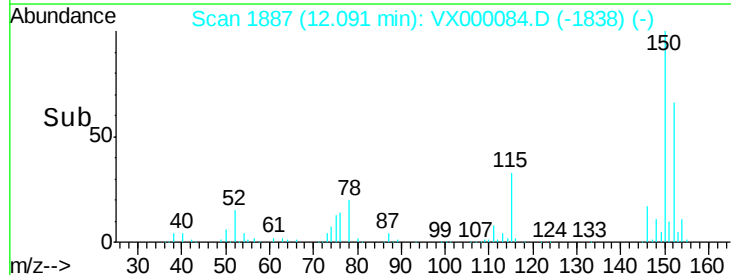
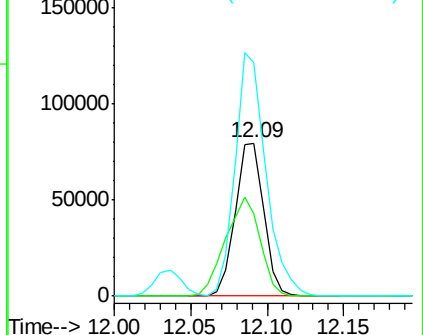
152 100

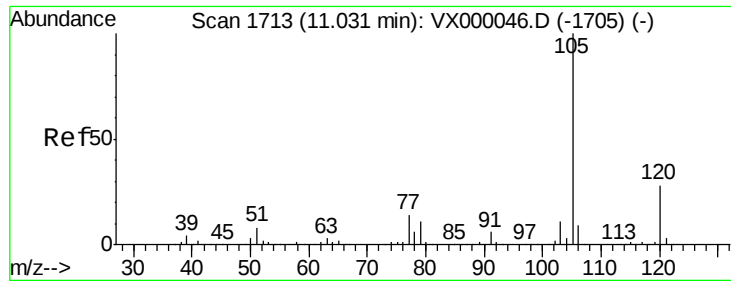
115 78.1 39.3 117.8

150 172.4 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: 48.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

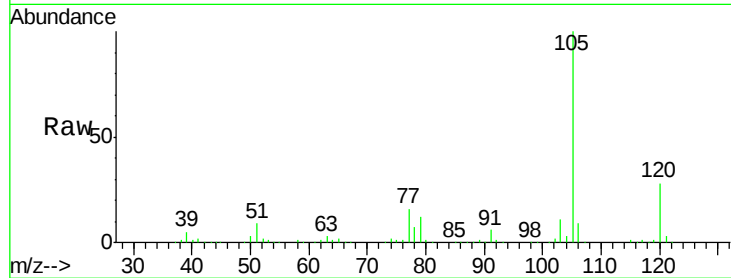
VSTDCCC050EC

Tgt Ion:105 Resp: 318081

Ion Ratio Lower Upper

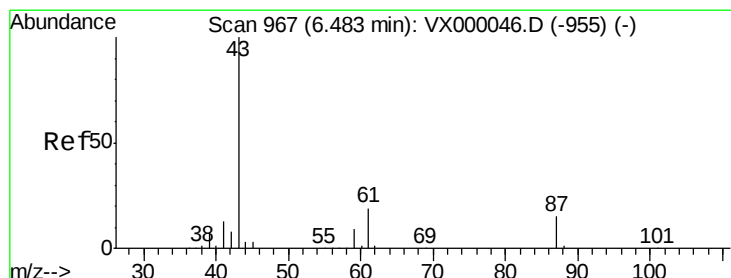
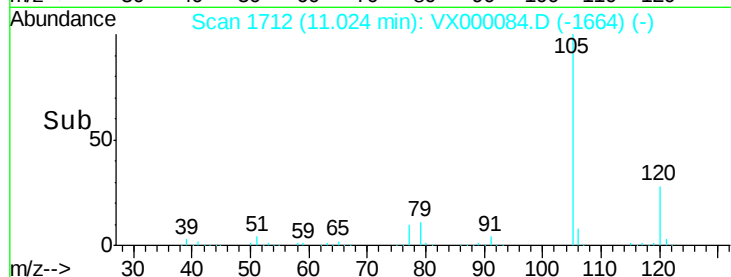
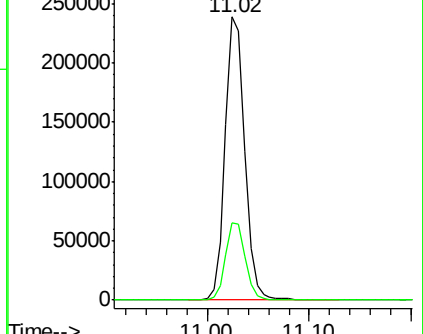
105 100

120 27.7 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: 48.39 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion: 43 Resp: 157753

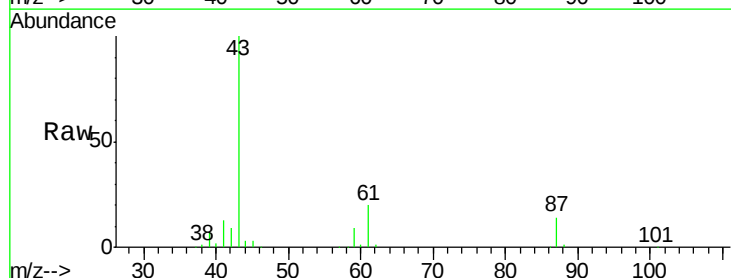
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.4 15.9 23.9

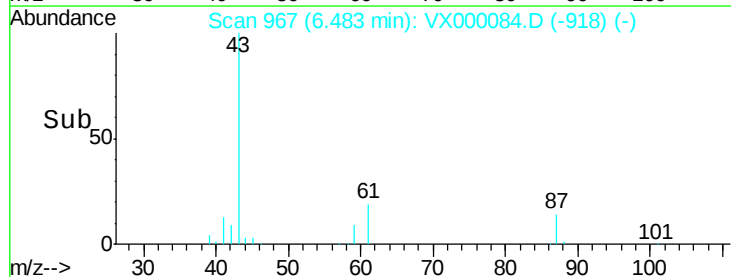
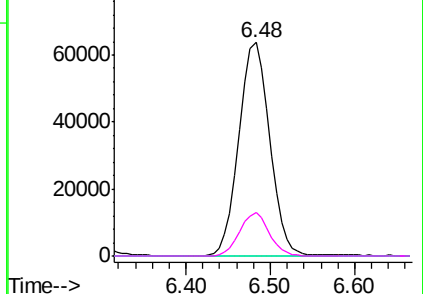


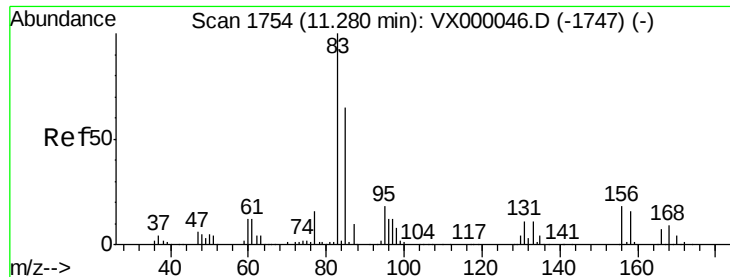
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.22 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

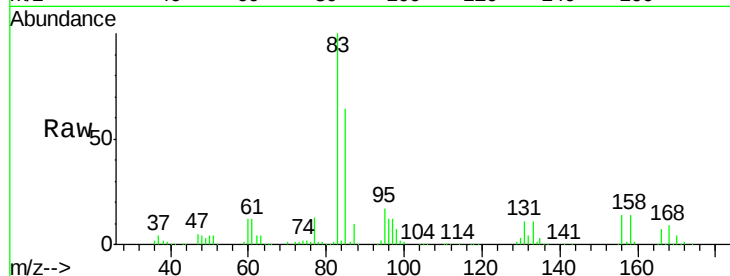
Tgt Ion: 83 Resp: 111292

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

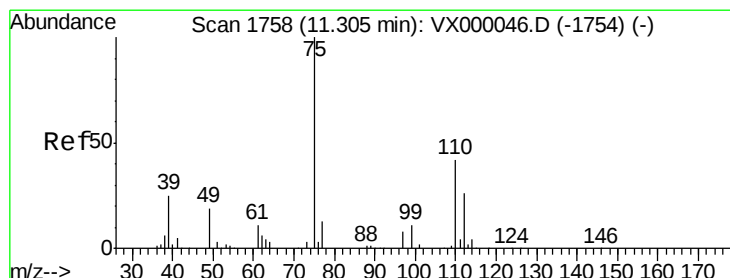
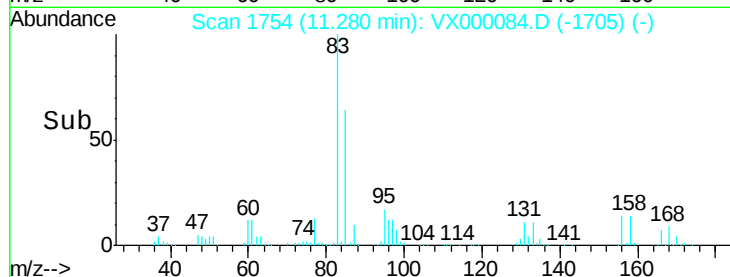
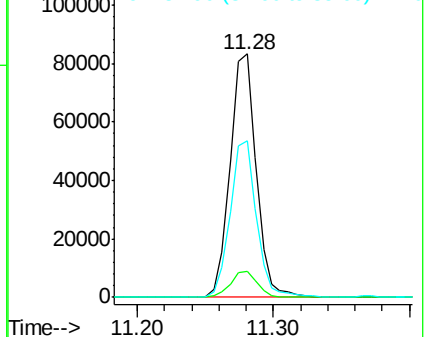
85 64.6 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.39 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000084.D

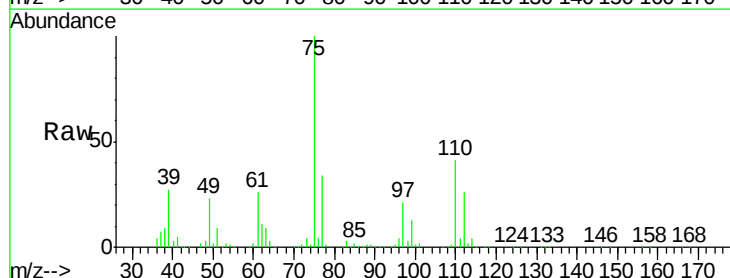
Acq: 13 Feb 2018 19:08

Tgt Ion: 75 Resp: 138028

Ion Ratio Lower Upper

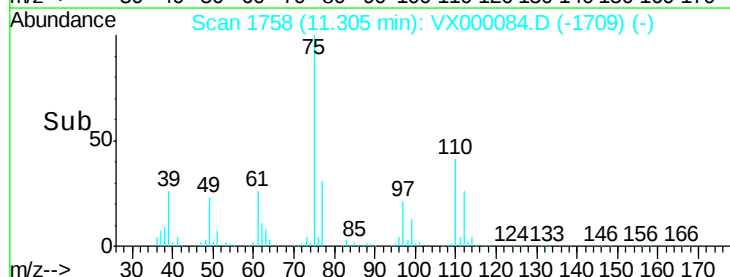
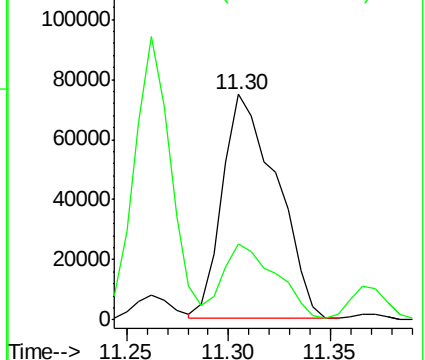
75 100

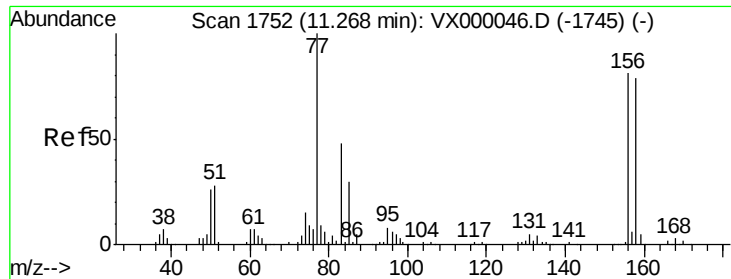
77 33.5 23.7 71.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampleId :

VSTDCCC050EC

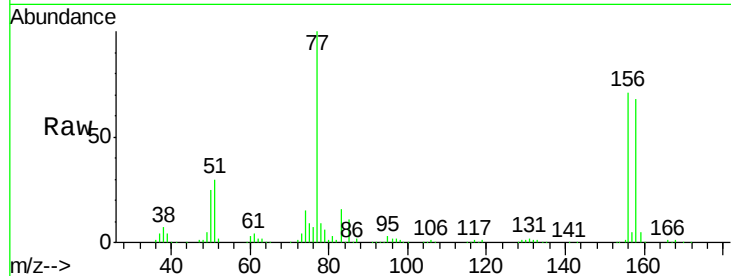
Tgt Ion:156 Resp: 88088

Ion Ratio Lower Upper

156 100

77 132.9 66.2 198.6

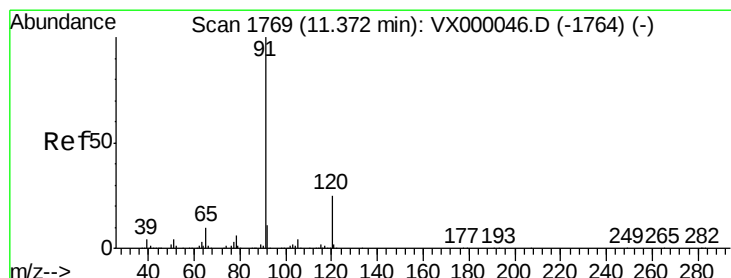
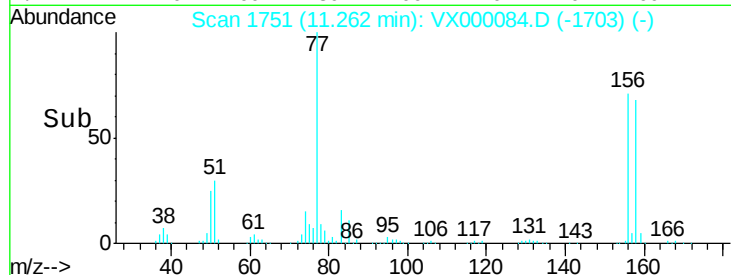
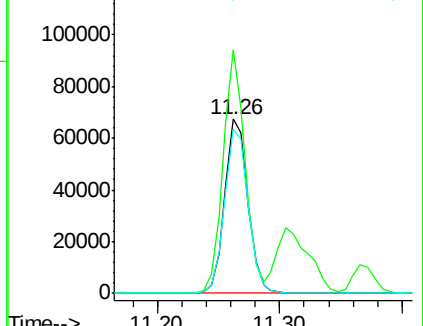
158 96.6 48.6 145.9



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: 49.47 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000084.D

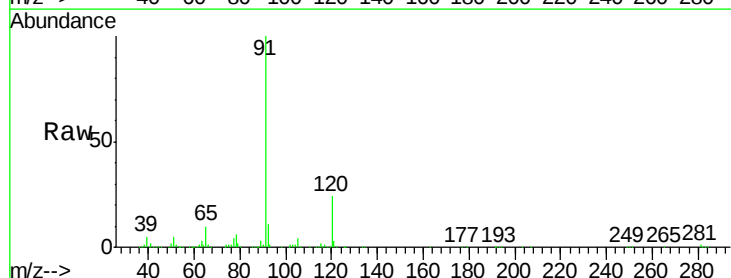
Acq: 13 Feb 2018 19:08

Tgt Ion: 91 Resp: 373641

Ion Ratio Lower Upper

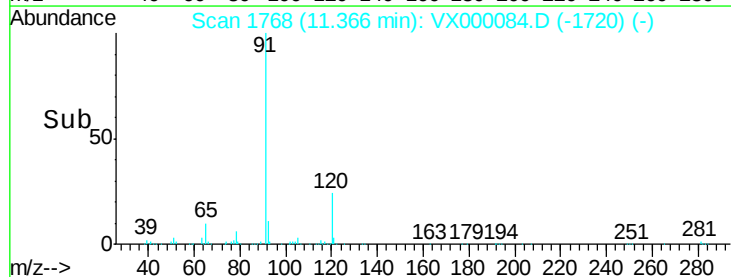
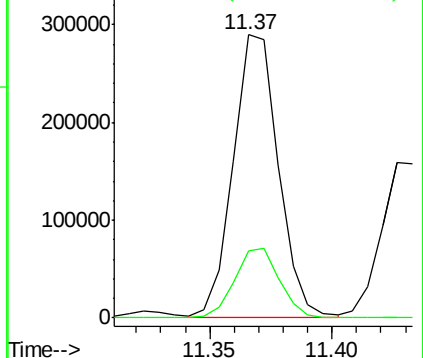
91 100

120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

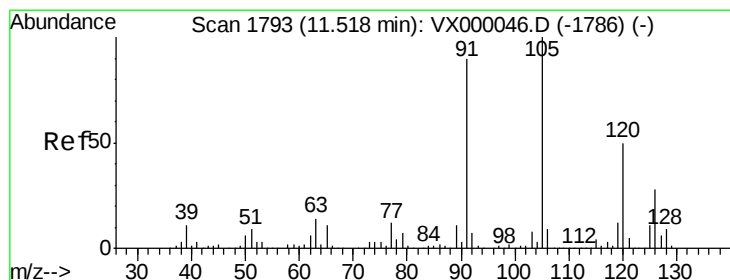
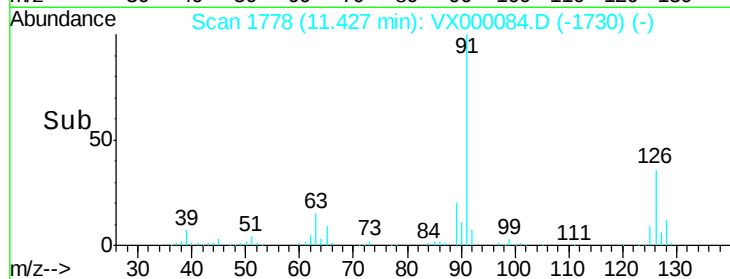
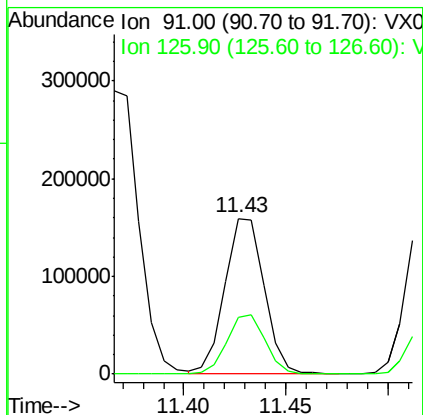
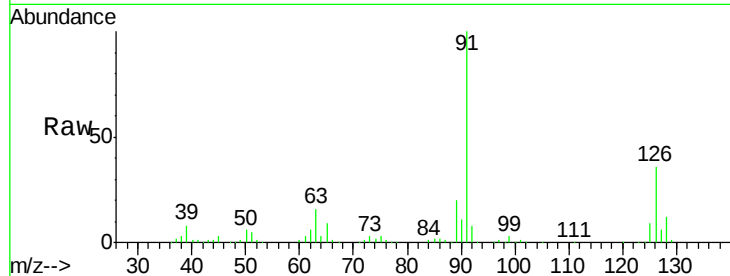




#79
 2-Chlorotoluene
 Concen: 49.09 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

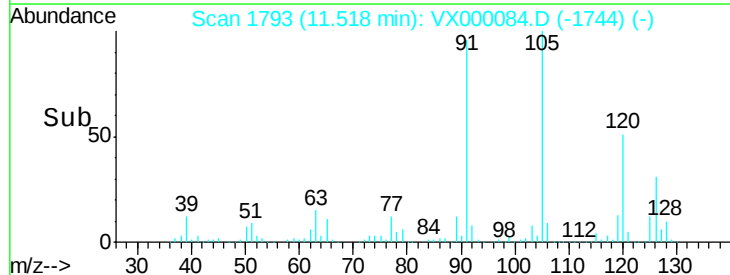
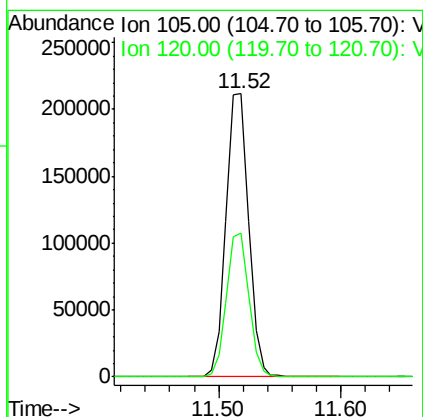
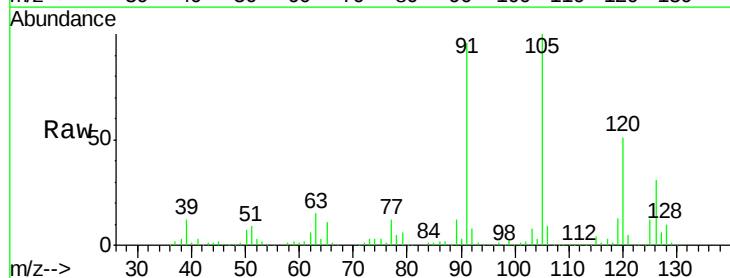
Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 214369
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.2 54.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.69 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 105 Resp: 271146
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.8 74.3

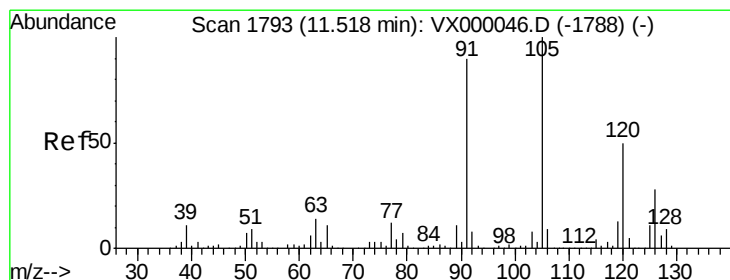
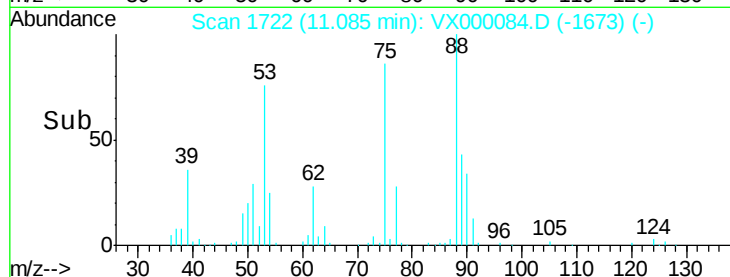
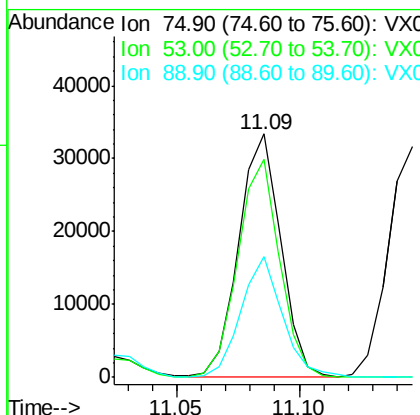
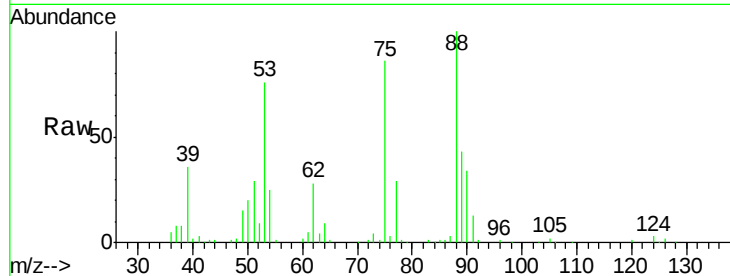




#81
trans-1,4-Dichloro-2-butene
Concen: 50.77 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

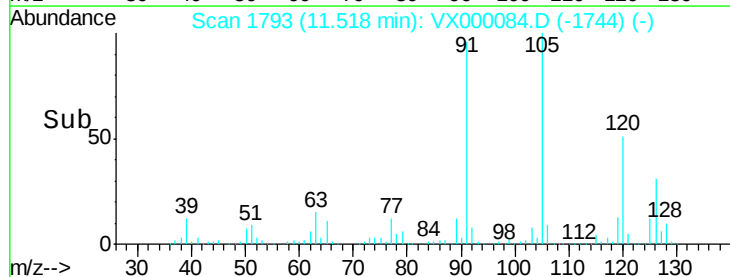
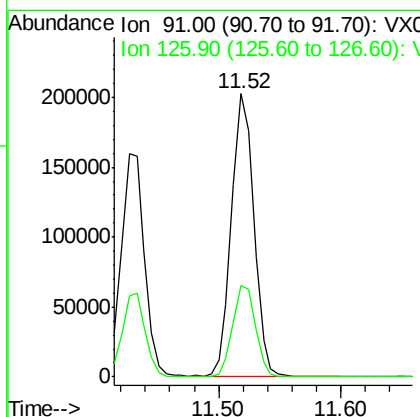
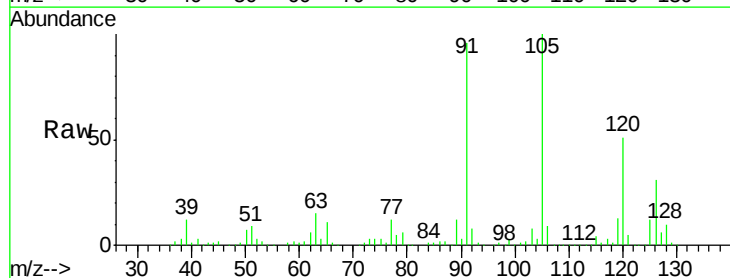
Instrument :
ClientSampleId :
VSTDCCC050EC

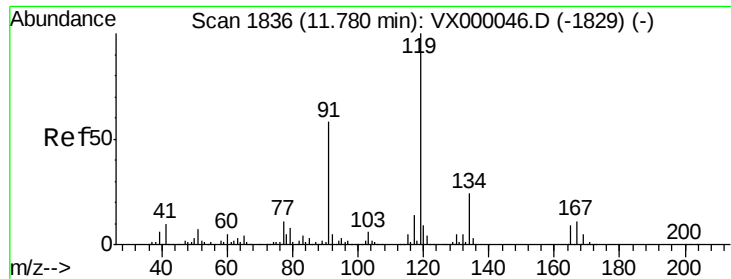
Tgt Ion: 75 Resp: 39670
Ion Ratio Lower Upper
75 100
53 89.6 70.3 105.5
89 50.0 48.6 72.8



#82
4-Chlorotoluene
Concen: 49.36 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 91 Resp: 257585
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

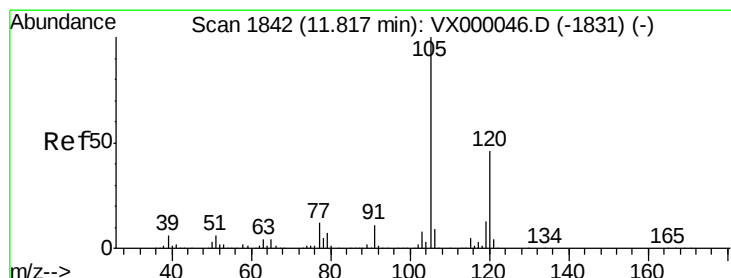
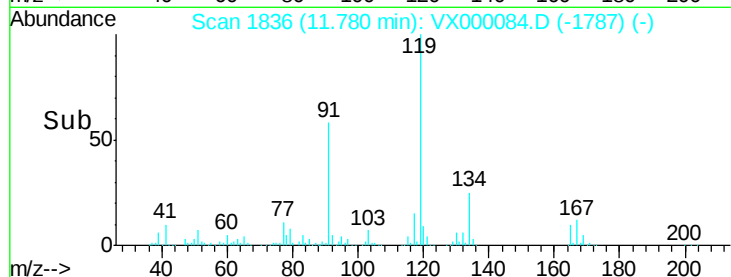
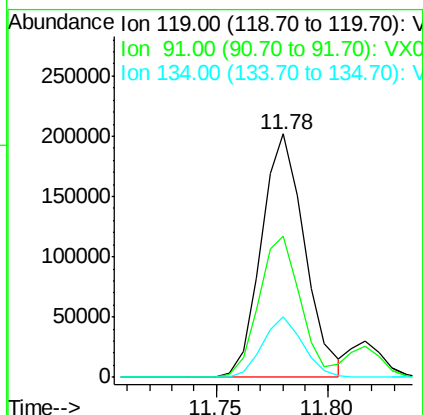
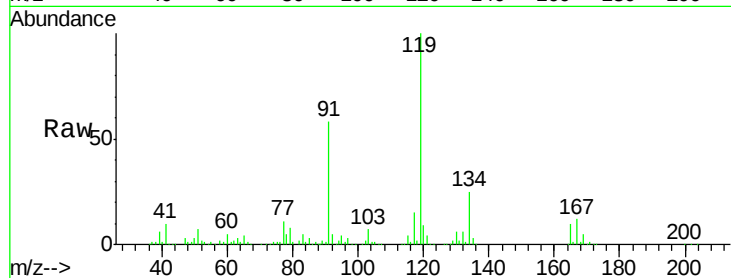




#83
 tert-Butylbenzene
 Concen: 49.48 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

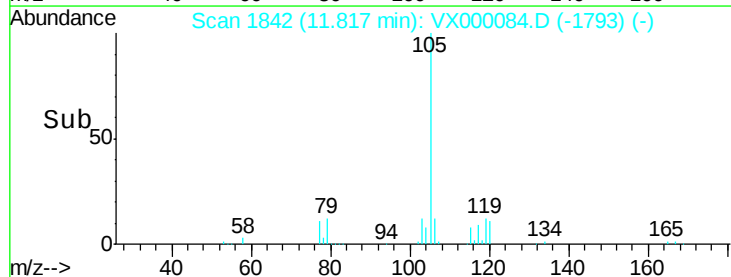
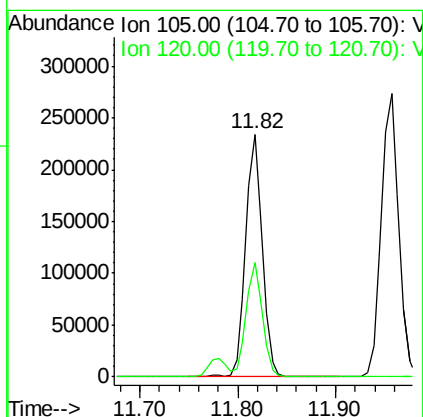
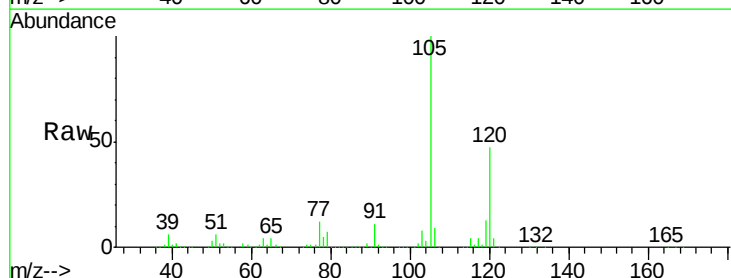
Instrument :
 ClientSampled :
 VSTDCCC050EC

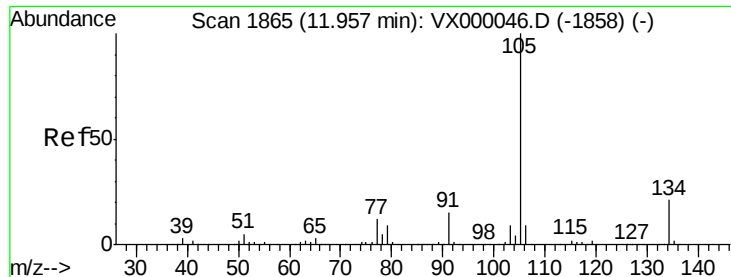
Tgt Ion:119 Resp: 272824
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.9 83.7
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.58 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion:105 Resp: 276901
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.2

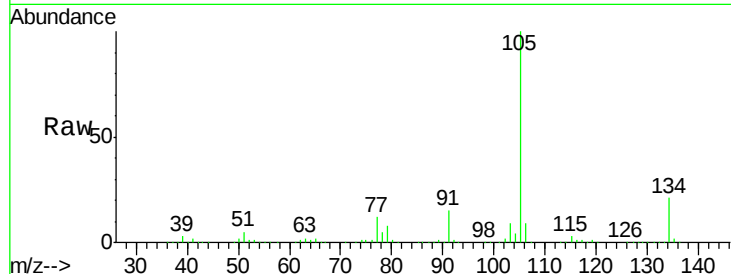




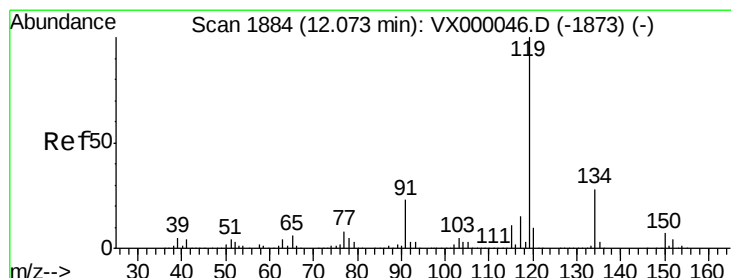
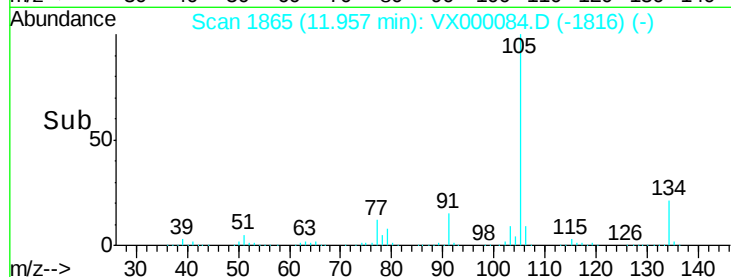
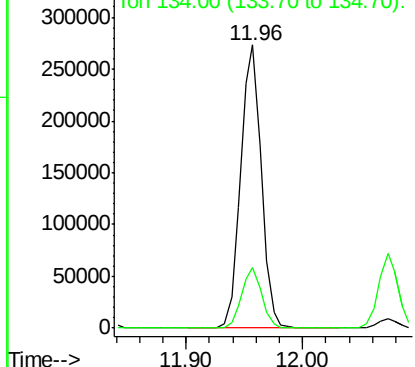
#85
 sec-Butylbenzene
 Concen: 49.73 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion:105 Resp: 337406
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.6 31.8

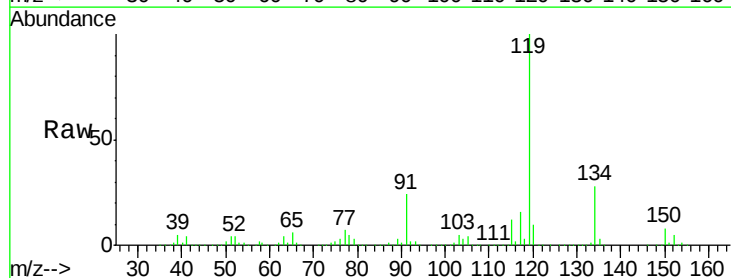


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

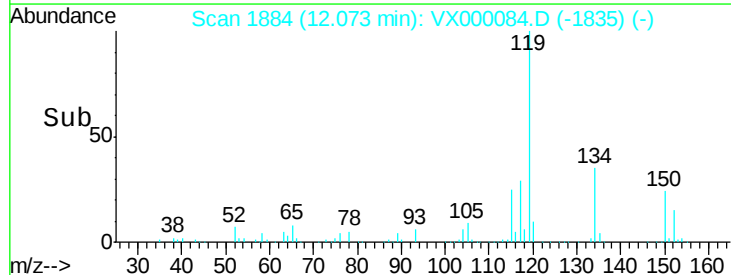
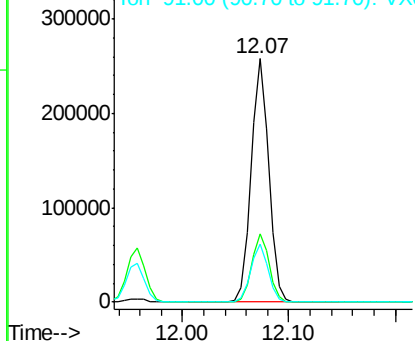


#86
 p-Isopropyltoluene
 Concen: 49.15 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion:119 Resp: 299861
 Ion Ratio Lower Upper
 119 100
 134 27.8 14.0 41.9
 91 23.6 11.6 34.7



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





#87

1,3-Dichlorobenzene

Concen: 49.43 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

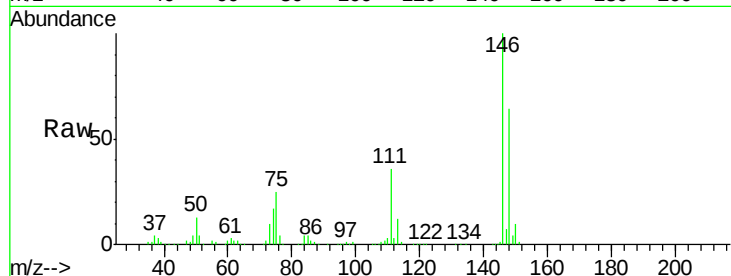
Tgt Ion:146 Resp: 164587

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

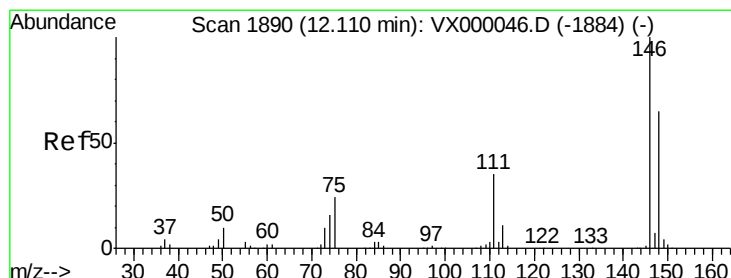
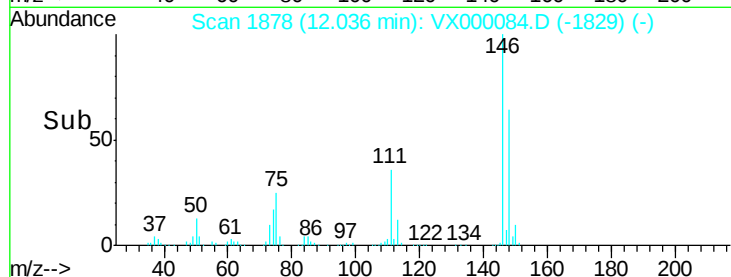
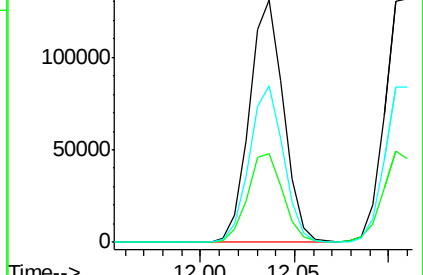
148 64.3 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 49.68 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

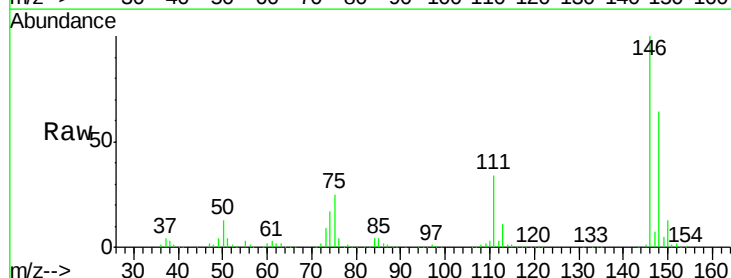
Tgt Ion:146 Resp: 169293

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

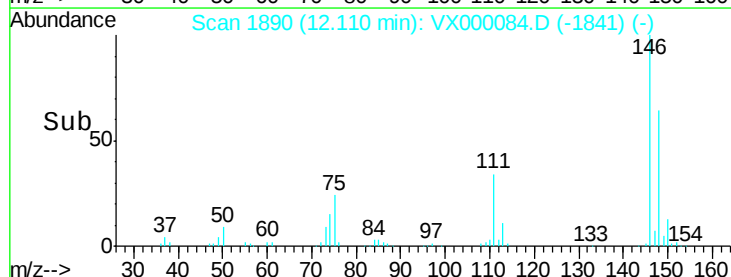
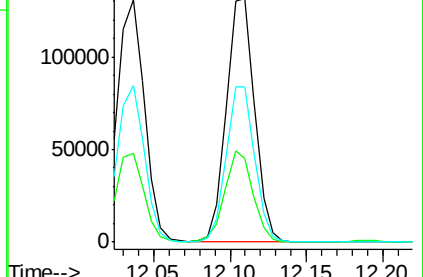
148 64.0 32.1 96.5



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

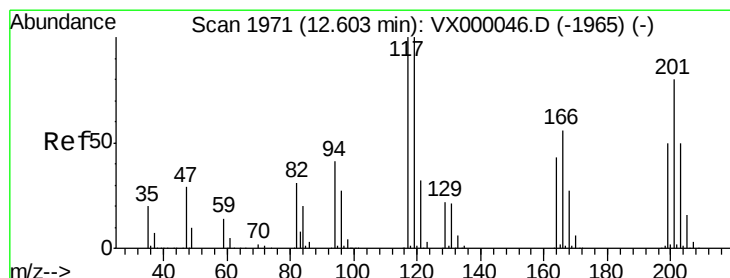
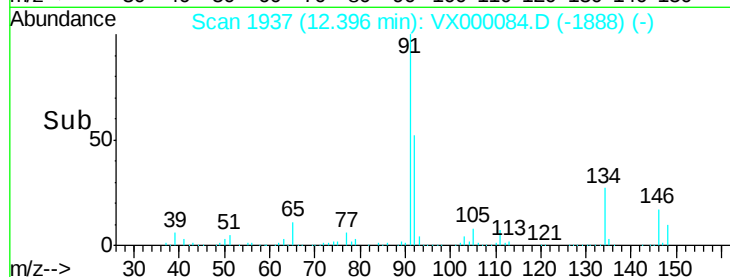
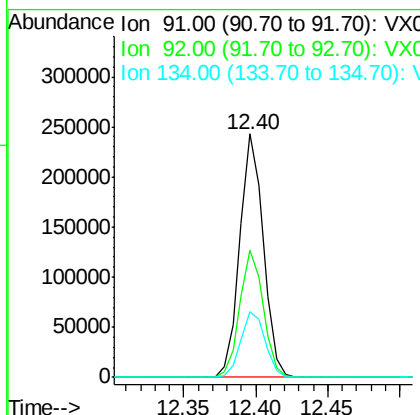
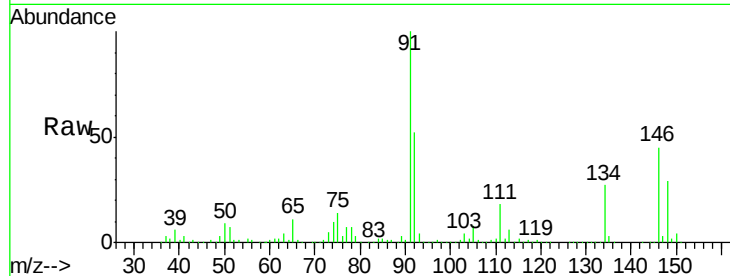




#89
n-Butylbenzene
Concen: 48.51 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

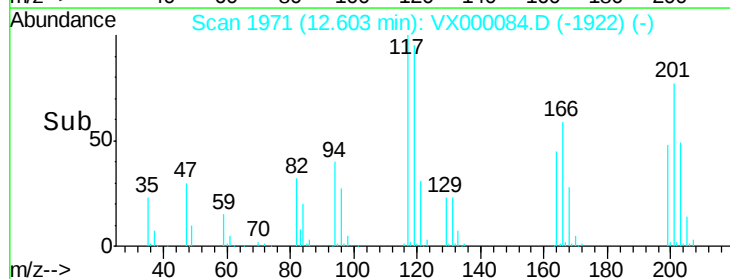
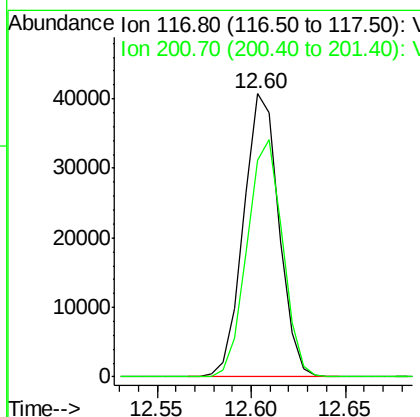
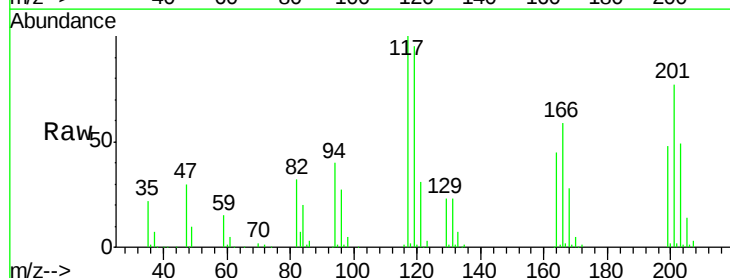
Instrument :
ClientSampleId :
VSTDCCC050EC

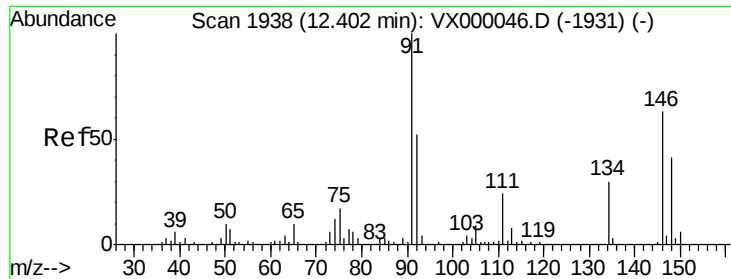
Tgt Ion: 91 Resp: 276453
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 27.9 14.1 42.2



#90
Hexachloroethane
Concen: 49.73 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 117 Resp: 53057
Ion Ratio Lower Upper
117 100
201 83.8 43.5 130.7

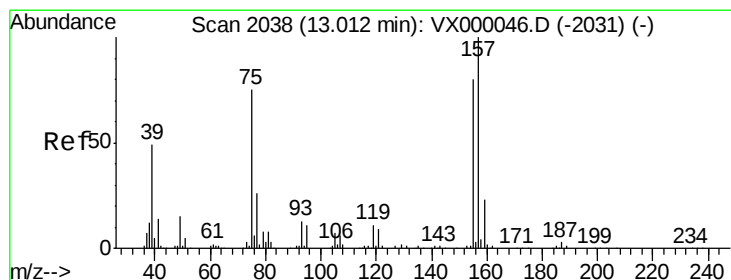
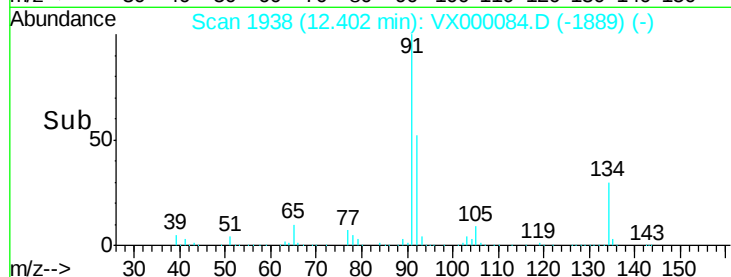
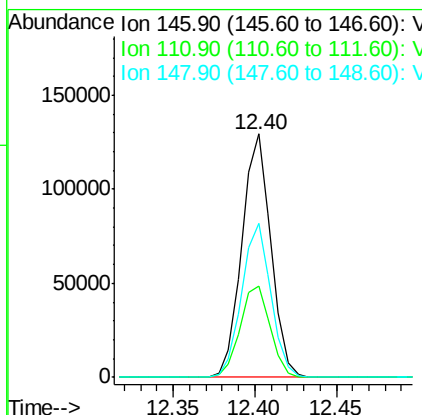
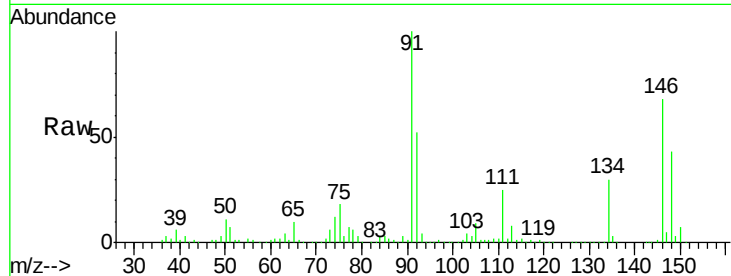




#91
 1,2-Dichlorobenzene
 Concen: 49.37 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

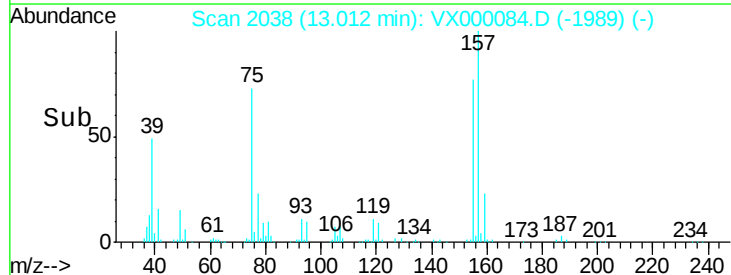
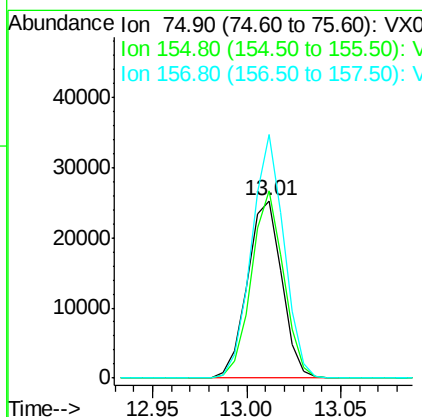
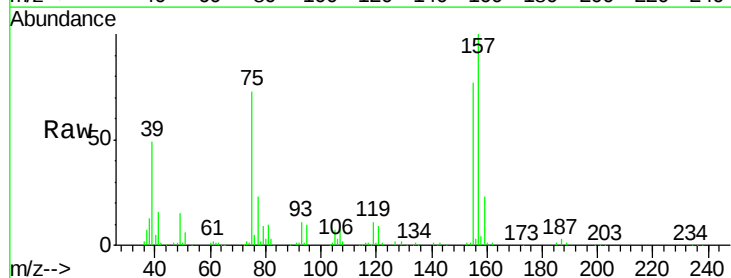
Instrument :
 ClientSampled :
 VSTDCCC050EC

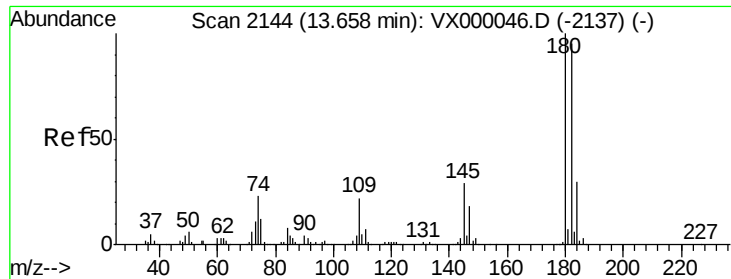
Tgt Ion:146 Resp: 160841
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.45 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 75 Resp: 32008
 Ion Ratio Lower Upper
 75 100
 155 98.8 52.0 156.0
 157 129.0 65.3 195.9

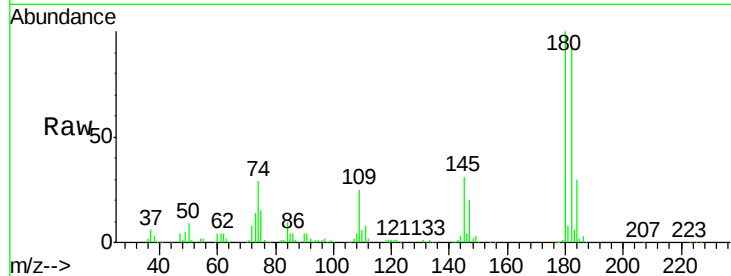




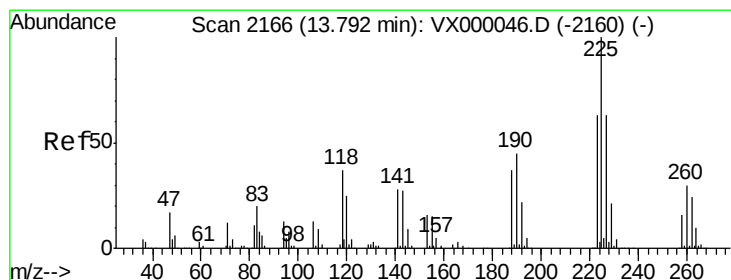
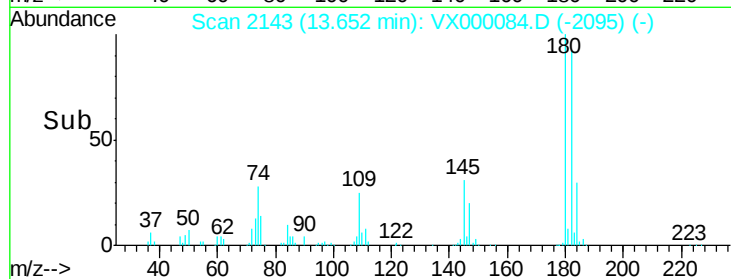
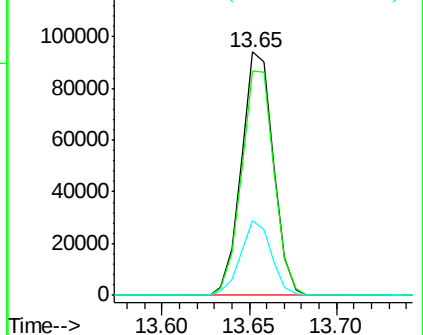
#93
 1,2,4-Trichlorobenzene
 Concen: 47.82 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion:180 Resp: 119173
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.0 144.0
 145 29.5 14.7 44.1

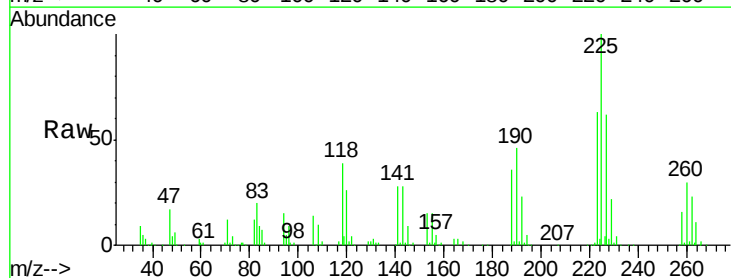


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

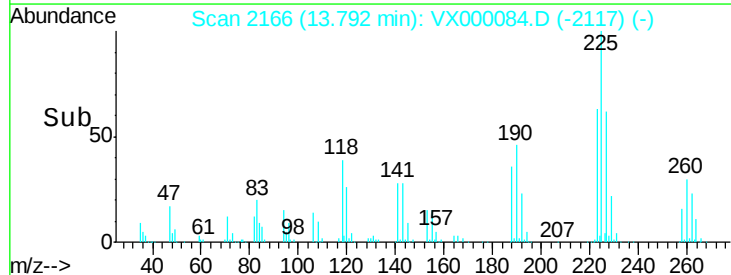
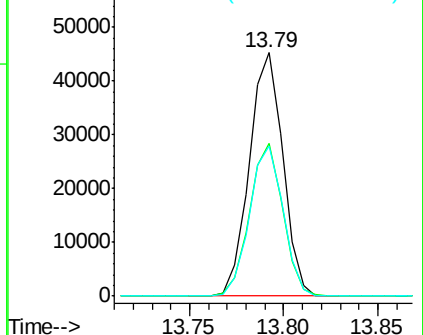


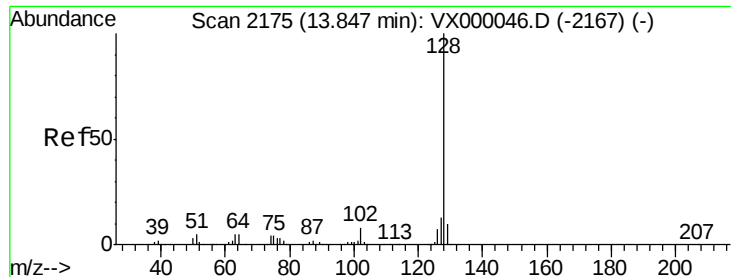
#94
 Hexachlorobutadiene
 Concen: 47.45 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion:225 Resp: 55778
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.5
 227 61.8 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: 50.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

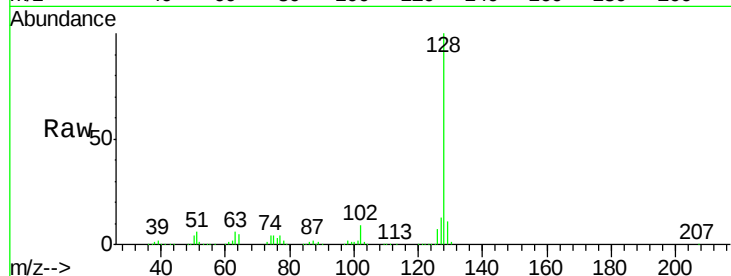
Tgt Ion:128 Resp: 406300

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

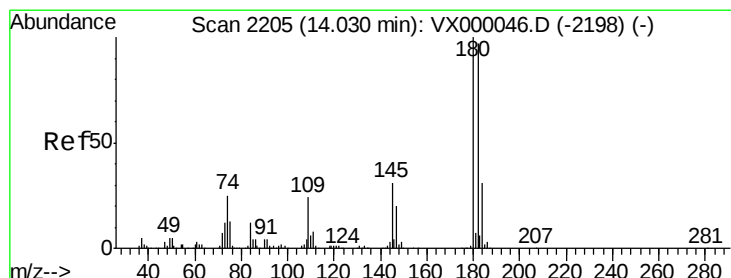
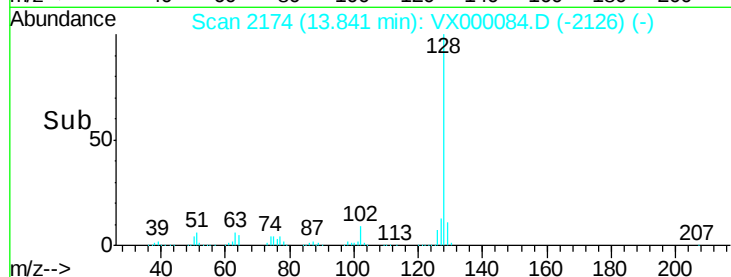
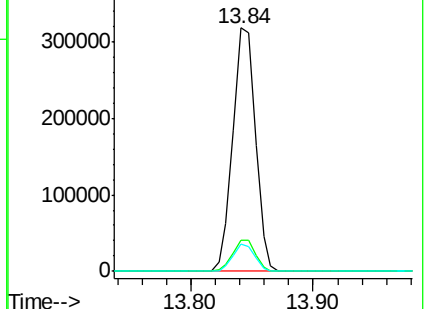
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.46 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

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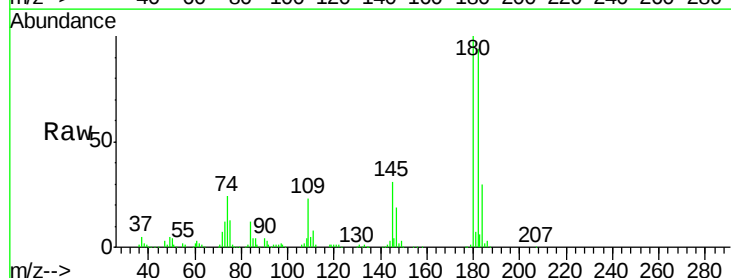
Tgt Ion:180 Resp: 117508

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 31.5 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

