

Data File : VX001207.D

Acq On : 28 Apr 2018 11:50

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 30 01:24:39 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	286106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	202009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151303	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	
35) Dibromofluoromethane	5.51	113	122769	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.72	98	473850	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
62) 4-Bromofluorobenzene	11.14	95	189217	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117180	49.95	ug/l	100
3) Chloromethane	1.32	50	106853	43.49	ug/l	99
4) Vinyl Chloride	1.40	62	119228	45.74	ug/l	100
5) Bromomethane	1.64	94	99726	63.14	ug/l	99
6) Chloroethane	1.72	64	74718	45.54	ug/l	98
7) Trichlorofluoromethane	1.93	101	208603	49.55	ug/l	100
8) Diethyl Ether	2.19	74	70988	43.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122477	52.80	ug/l	99
10) Methyl Iodide	2.51	142	105784	44.75	ug/l	98
11) Tert butyl alcohol	3.06	59	121480	177.64	ug/l	99
12) 1,1-Dichloroethene	2.38	96	104493	46.19	ug/l	97
13) Acrolein	2.29	56	34010	131.56	ug/l	97
14) Allyl chloride	2.73	41	189335	45.88	ug/l	96
15) Acrylonitrile	3.15	53	281465	192.75	ug/l	99
16) Acetone	2.45	43	346791	243.19	ug/l	100
17) Carbon Disulfide	2.57	76	269701	46.72	ug/l	99
18) Methyl Acetate	2.78	43	145712	40.83	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	365103	43.84	ug/l	98
20) Methylene Chloride	2.86	84	115537	43.50	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	115212	46.07	ug/l	98
22) Diisopropyl ether	3.87	45	376534	45.60	ug/l	95
23) Vinyl Acetate	3.82	43	1648317	235.31	ug/l	100
24) 1,1-Dichloroethane	3.70	63	206635	47.61	ug/l	99
25) 2-Butanone	4.71	43	441928	207.12	ug/l	99
26) 2,2-Dichloropropane	4.59	77	171278	50.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	128128	46.79	ug/l	100
28) Bromochloromethane	5.03	49	98669	50.71	ug/l	98
29) Tetrahydrofuran	5.17	42	255443	186.20	ug/l	99
30) Chloroform	5.22	83	220401	47.76	ug/l	100
31) Cyclohexane	5.58	56	186143	50.49	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	197700	49.63	ug/l	99
36) 1,1-Dichloropropene	5.81	75	167823	53.23	ug/l	100
37) Ethyl Acetate	4.86	43	160426	42.49	ug/l	100
38) Carbon Tetrachloride	5.79	117	178345	55.17	ug/l	98

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ClientSampleId :
VSTDCCC050

Quant Time: Apr 30 01:24:39 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	200449	57.45	ug/l	97
40) Benzene	6.15	78	481124	52.75	ug/l	98
41) Methacrylonitrile	5.06	41	93190	43.93	ug/l	99
42) 1,2-Dichloroethane	6.20	62	186628	50.78	ug/l	100
43) Isopropyl Acetate	6.47	43	274802	46.34	ug/l	100
44) Trichloroethene	7.21	130	145811	53.66	ug/l	93
45) 1,2-Dichloropropane	7.52	63	125314	52.24	ug/l	99
46) Dibromomethane	7.67	93	87535	52.70	ug/l	99
47) Bromodichloromethane	7.90	83	163252	54.09	ug/l	98
48) Methyl methacrylate	7.78	41	146482	46.48	ug/l	99
49) 1,4-Dioxane	7.76	88	56196	890.56	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	886212	227.52	ug/l	98
52) Toluene	8.79	92	324112	54.34	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	196142	55.90	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	186271	48.97	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	128345	50.86	ug/l	99
56) Ethyl methacrylate	9.18	69	187253	50.09	ug/l	98
57) 1,3-Dichloropropane	9.38	76	209112	51.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	305198	172.68	ug/l	100
59) 2-Hexanone	9.50	43	741223	242.88	ug/l	99
60) Dibromochloromethane	9.59	129	144829	49.19	ug/l	99
61) 1,2-Dibromoethane	9.68	107	138976	52.57	ug/l	100
64) Tetrachloroethene	9.34	164	166741	55.93	ug/l	98
65) Chlorobenzene	10.14	112	386732	52.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	140442	55.47	ug/l	100
67) Ethyl Benzene	10.26	91	648292	54.53	ug/l	99
68) m/p-Xylenes	10.37	106	520498	110.74	ug/l	100
69) o-Xylene	10.70	106	247124	54.21	ug/l	99
70) Styrene	10.72	104	417509	55.03	ug/l	99
71) Bromoform	10.86	173	117777	44.80	ug/l	99
73) Isopropylbenzene	11.02	105	676153	51.35	ug/l	100
74) N-amyl acetate	6.47	43	274802	41.42	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	194274	44.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	220128	53.51	ug/l	89
77) Bromobenzene	11.26	156	194763	49.88	ug/l	97
78) n-propylbenzene	11.37	91	781126	53.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	458817	50.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	587089	52.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50747	40.34	ug/l	96
82) 4-Chlorotoluene	11.52	91	560375	51.80	ug/l	100
83) tert-Butylbenzene	11.77	119	566154	50.89	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	606758	52.95	ug/l	99
85) sec-Butylbenzene	11.95	105	691342	53.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	650165	53.78	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	363290	51.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	372670	51.03	ug/l	99
89) n-Butylbenzene	12.40	91	567774	54.26	ug/l	100
90) Hexachloroethane	12.60	117	94599	48.59	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	359986	50.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41977	43.54	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\
Quantitation Report (Not Reviewed)

Data File : VX001207.D
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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

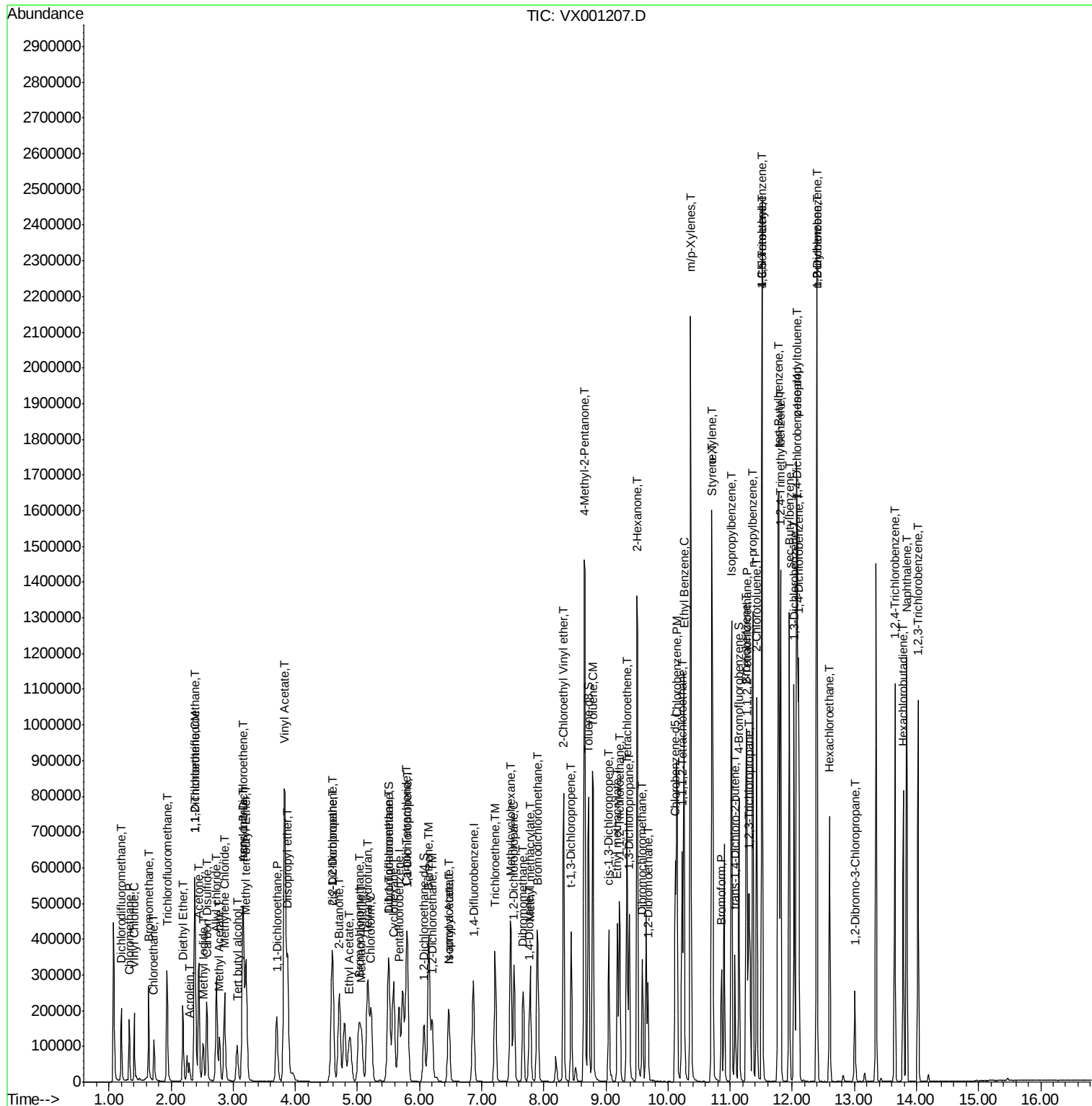
Quant Time: Apr 30 01:24:39 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

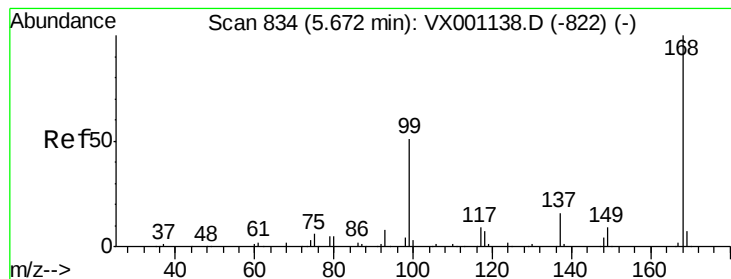
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	281555	50.69	ug/l	99
94) Hexachlorobutadiene	13.79	225	132921	50.91	ug/l	98
95) Naphthalene	13.84	128	716253	46.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	272579	49.32	ug/l	100

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

ALS Vial : 2 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

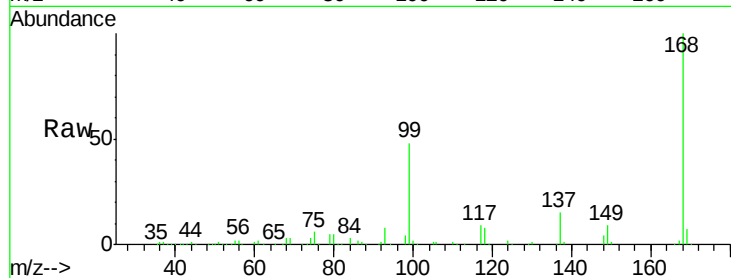
VSTDCCC050

Tgt Ion: 168 Resp: 223708

Ion Ratio Lower Upper

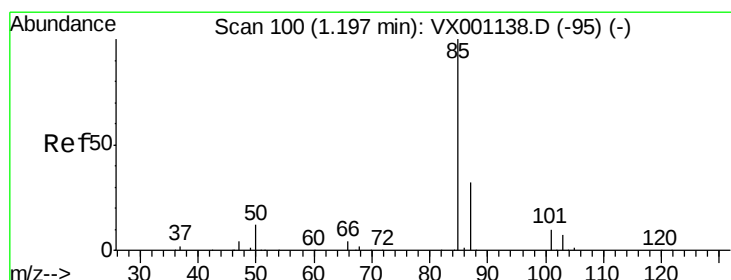
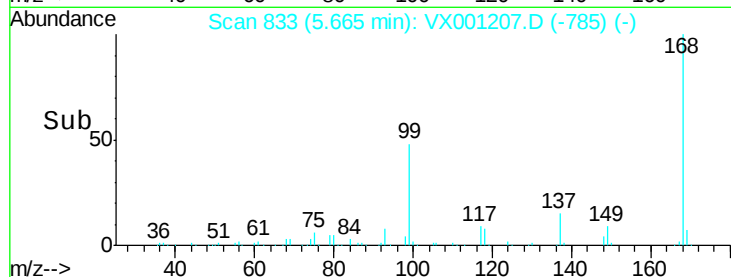
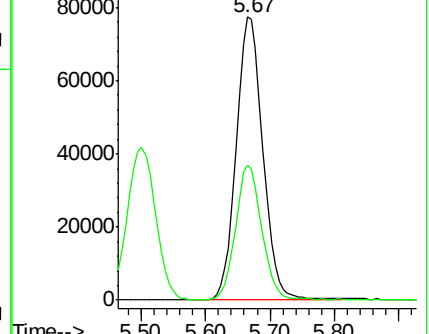
168 100

99 47.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.95 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001207.D

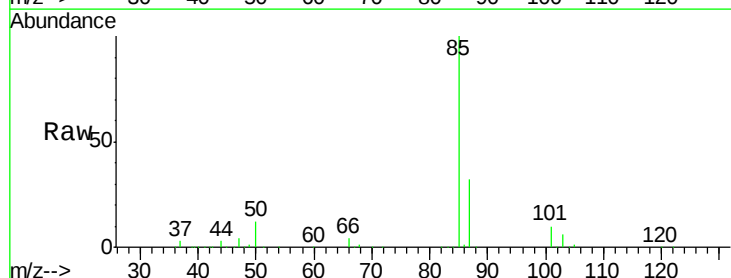
Acq: 28 Apr 2018 11:50

Tgt Ion: 85 Resp: 117180

Ion Ratio Lower Upper

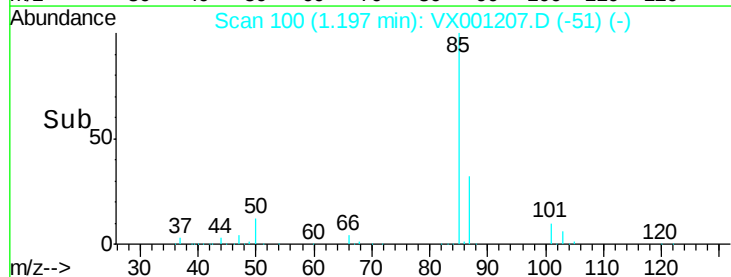
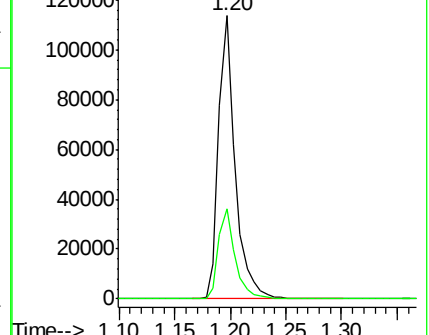
85 100

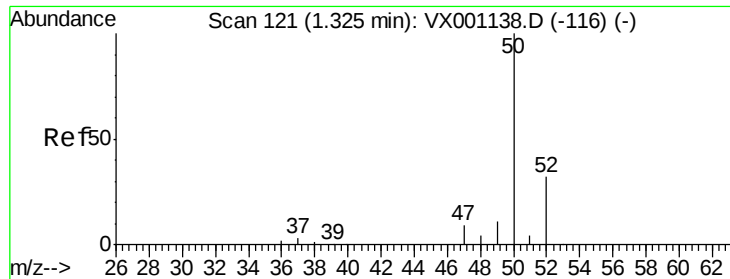
87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

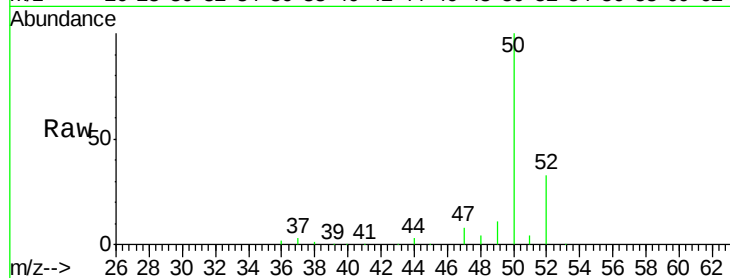
VSTDCCC050

Tgt Ion: 50 Resp: 106853

Ion Ratio Lower Upper

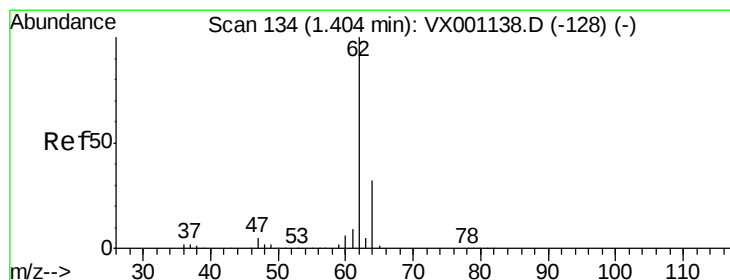
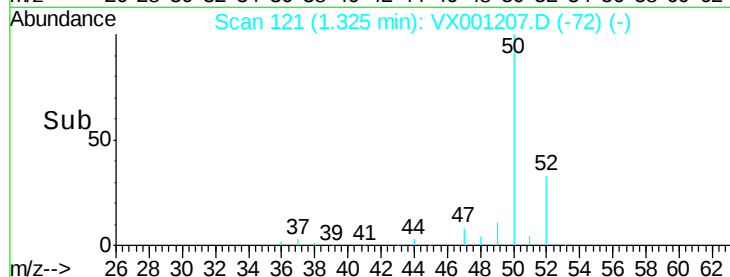
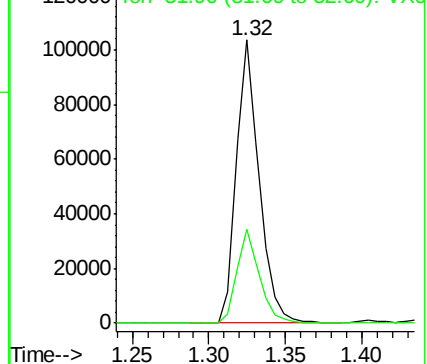
50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001207.D

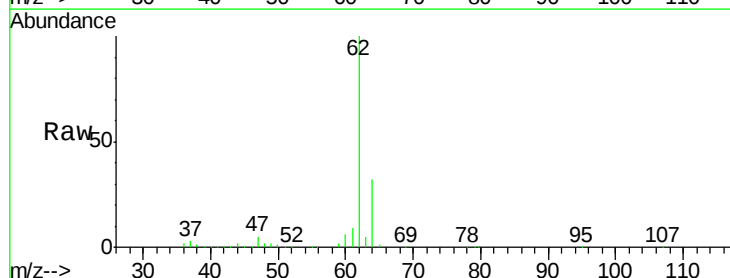
Acq: 28 Apr 2018 11:50

Tgt Ion: 62 Resp: 119228

Ion Ratio Lower Upper

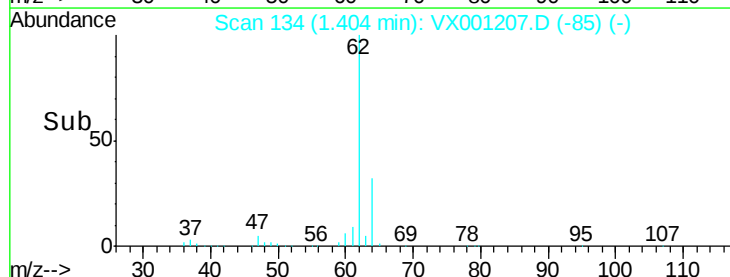
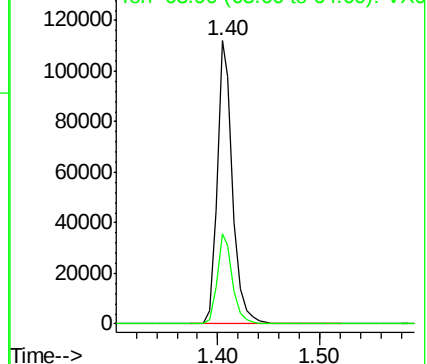
62 100

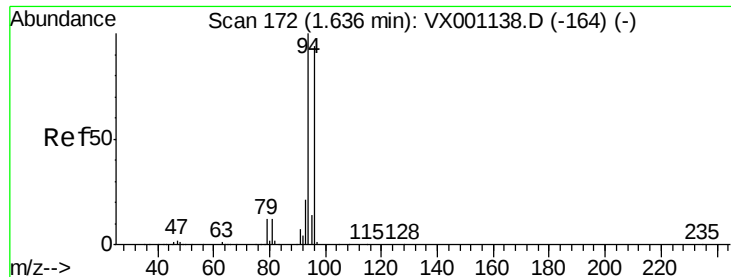
64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 63.14 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

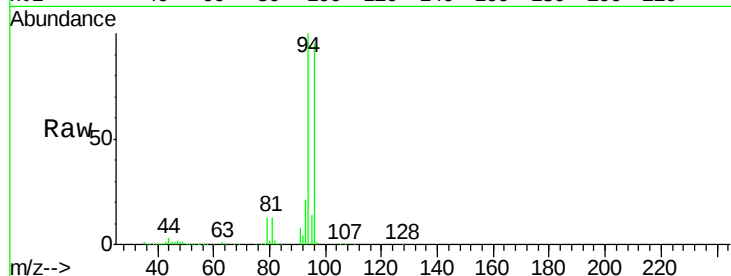
VSTDCCC050

Tgt Ion: 94 Resp: 99726

Ion Ratio Lower Upper

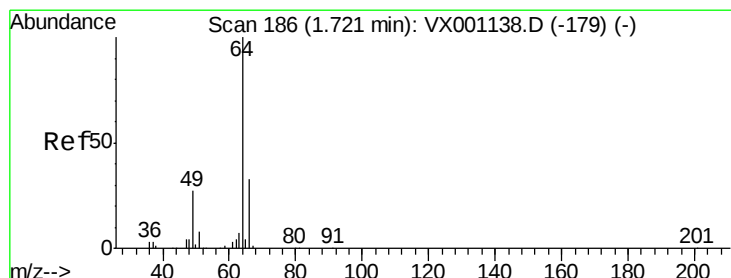
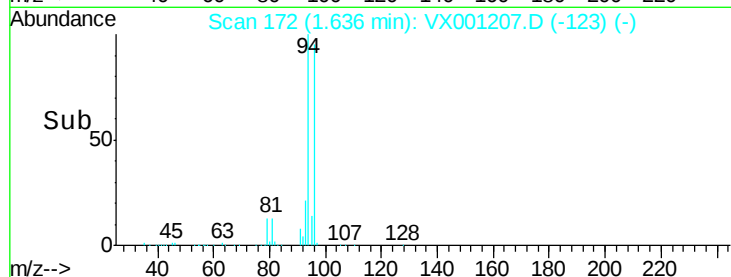
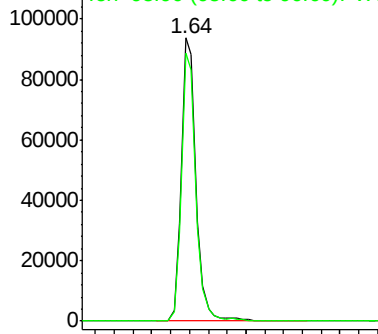
94 100

96 94.8 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.54 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001207.D

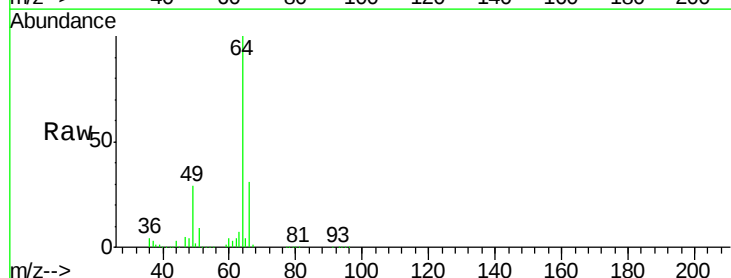
Acq: 28 Apr 2018 11:50

Tgt Ion: 64 Resp: 74718

Ion Ratio Lower Upper

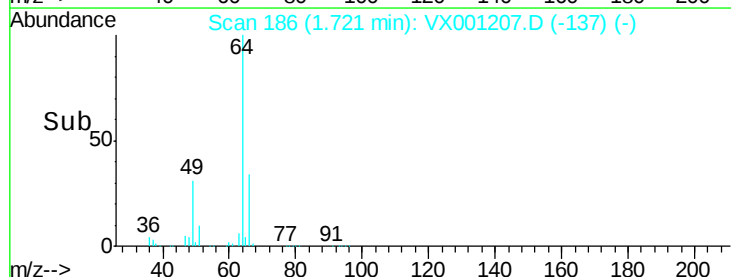
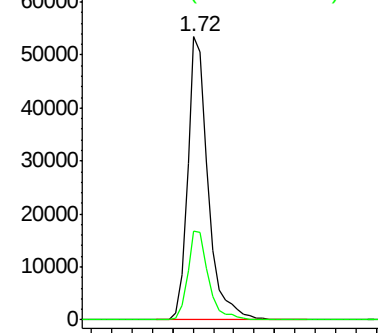
64 100

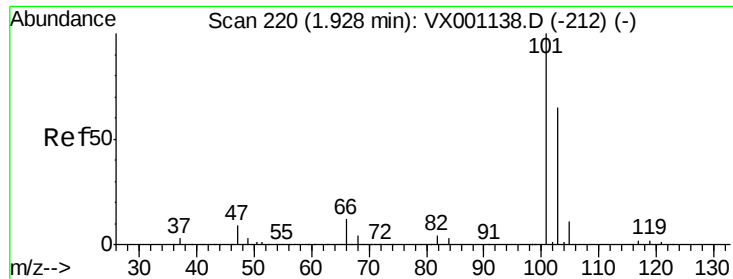
66 31.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



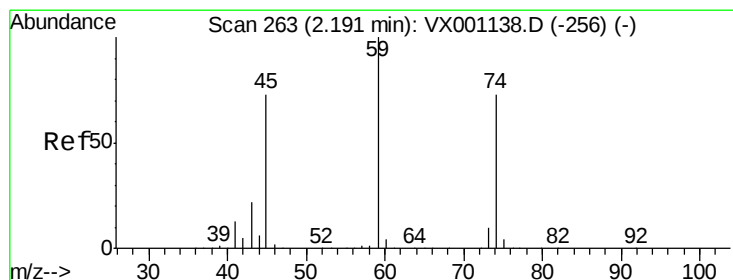
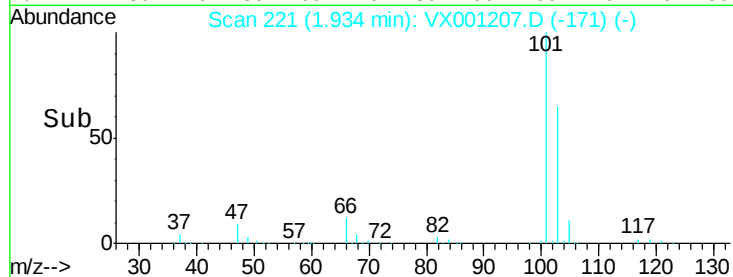
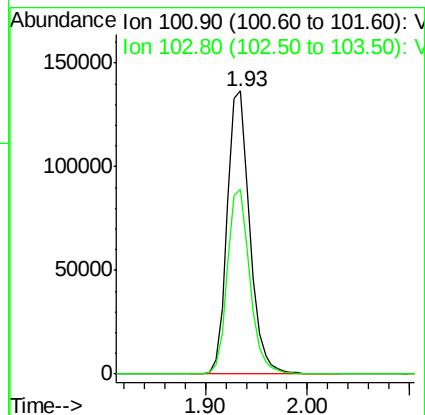
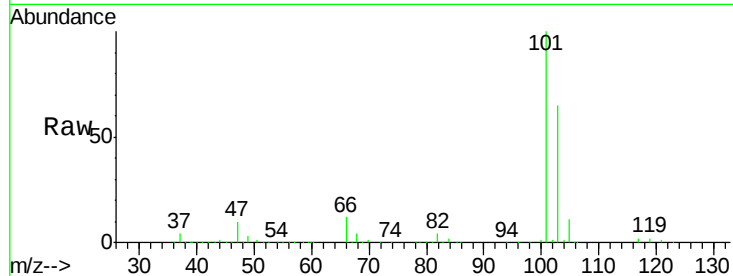


#7

Trichlorofluoromethane
 Concen: 49.55 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

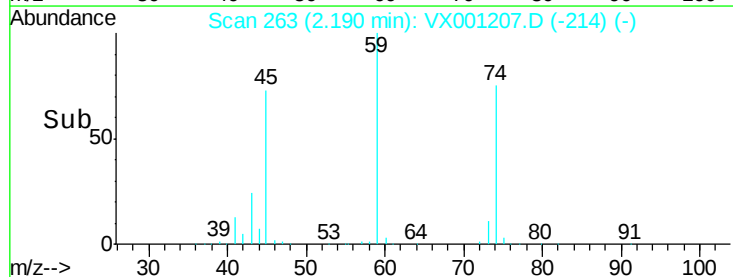
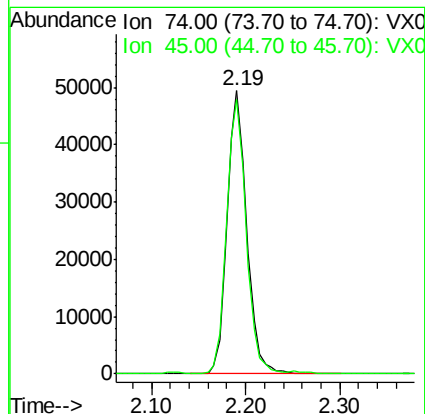
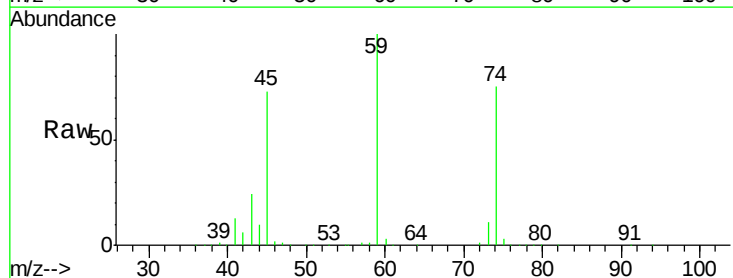
Tgt Ion: 101 Resp: 208603
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.9 77.9

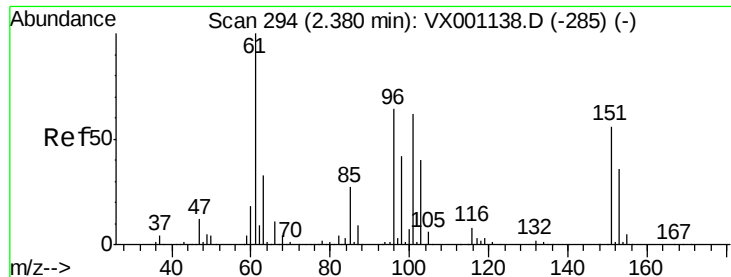


#8

Diethyl Ether
 Concen: 43.85 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion: 74 Resp: 70988
 Ion Ratio Lower Upper
 74 100
 45 96.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.80 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

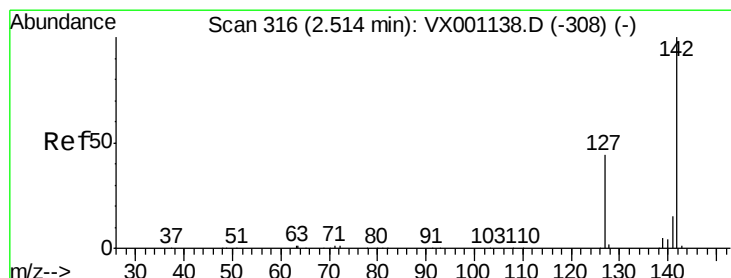
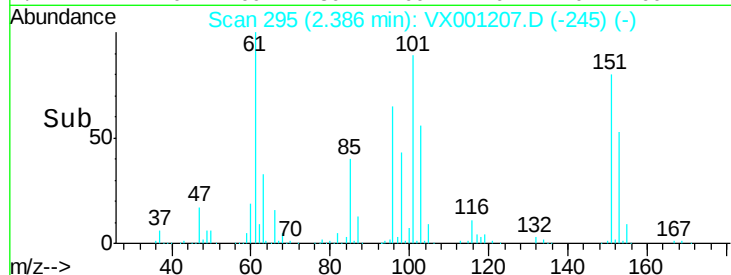
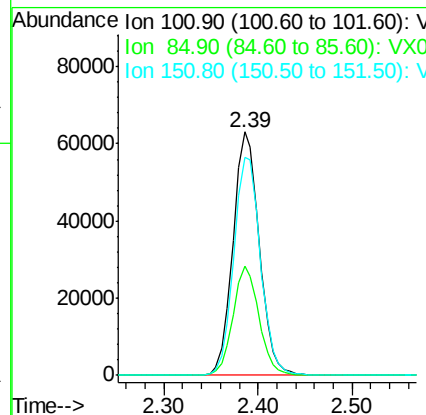
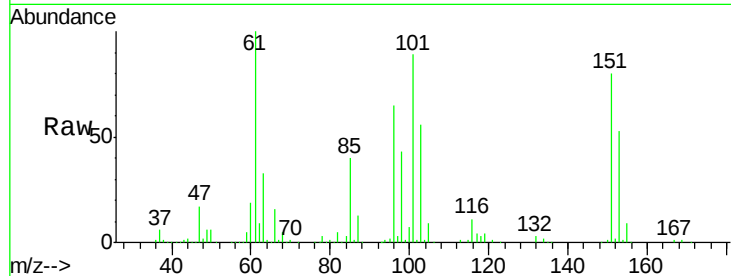
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	122477
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.4	53.0
151	91.2	74.2	111.4



#10

Methyl Iodide

Concen: 44.75 ug/l

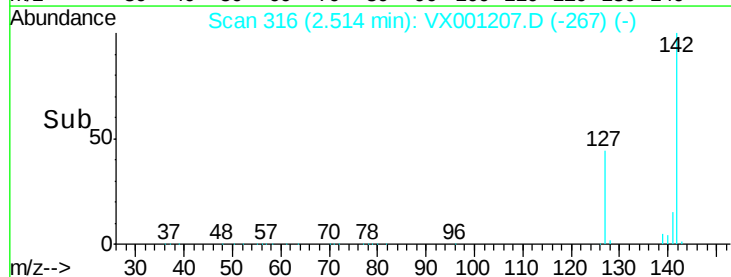
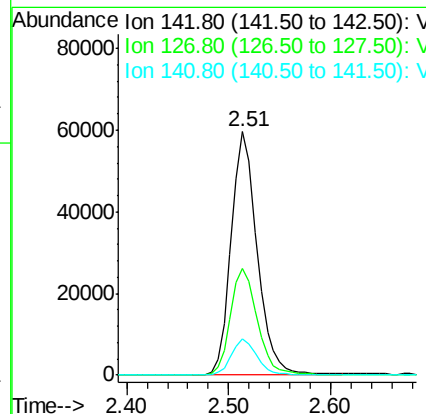
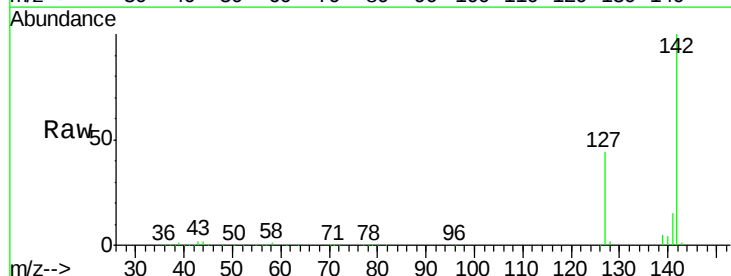
RT: 2.51 min Scan# 316

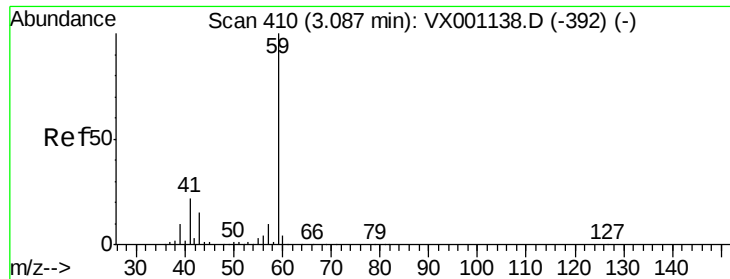
Delta R.T. 0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion:	142	Resp:	105784
Ion	Ratio	Lower	Upper
142	100		
127	45.2	34.7	52.1
141	14.6	11.6	17.4

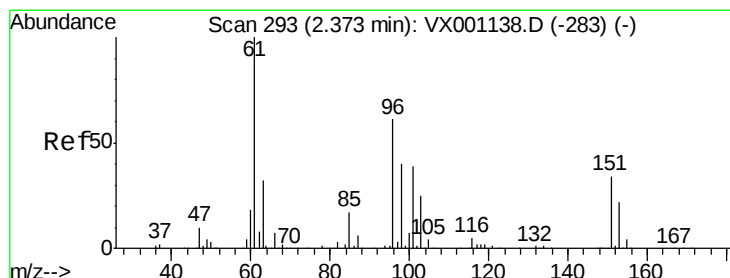
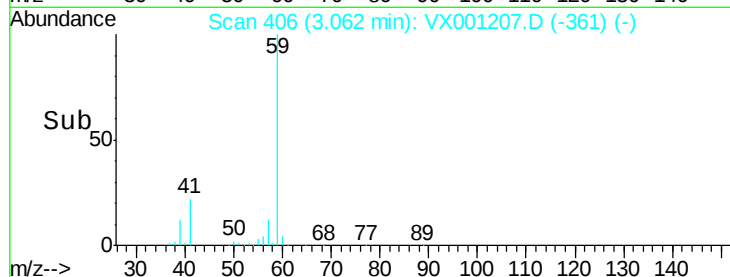
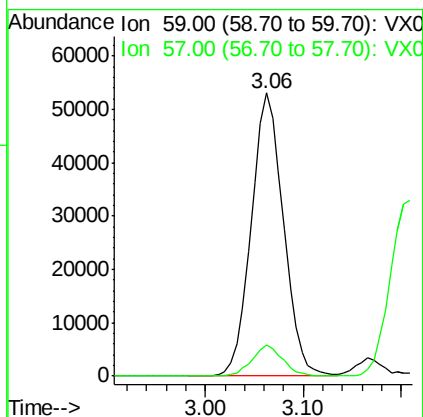
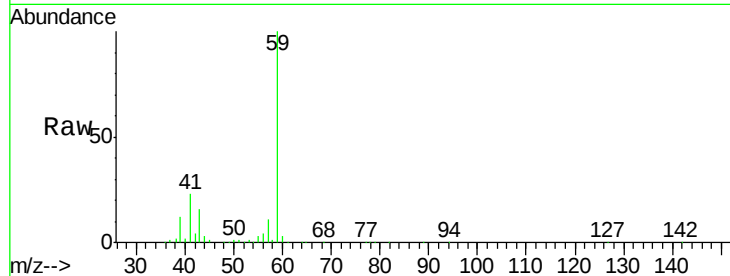




#11
Tert butyl alcohol
Concen: 177.64 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

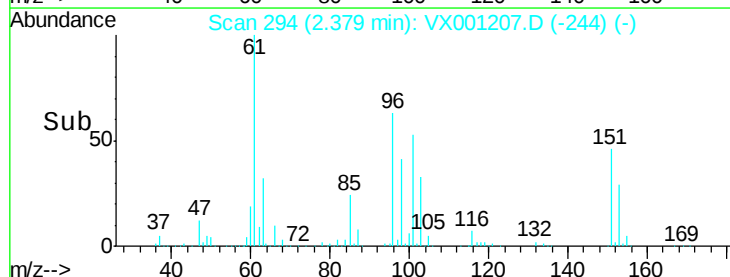
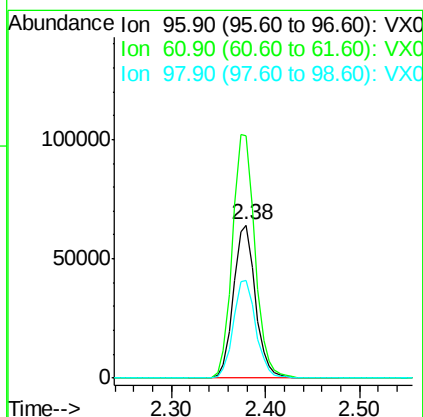
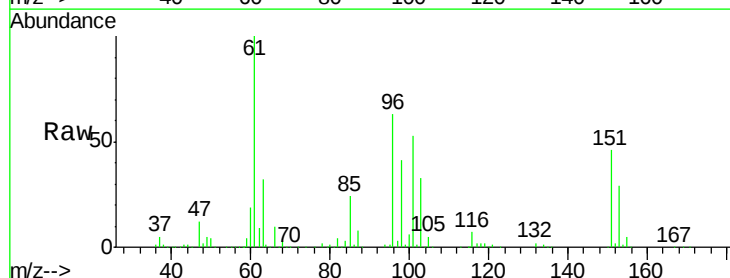
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

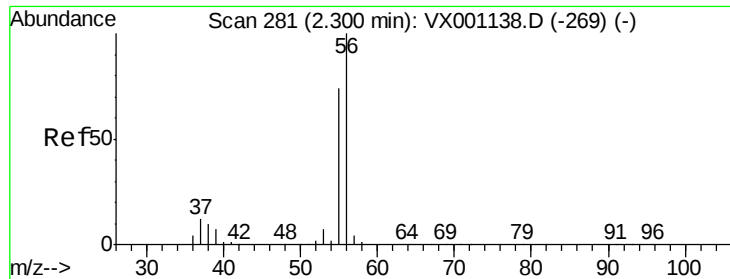
Tgt Ion: 59 Resp: 121480
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.19 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 96 Resp: 104493
Ion Ratio Lower Upper
96 100
61 157.9 130.2 195.4
98 64.0 51.5 77.3





#13

Acrolein

Concen: 131.56 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

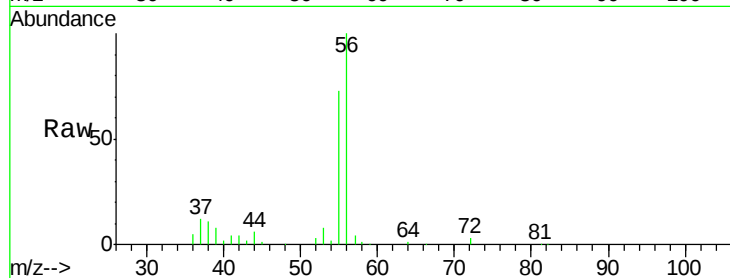
VSTDCCC050

Tgt Ion: 56 Resp: 34010

Ion Ratio Lower Upper

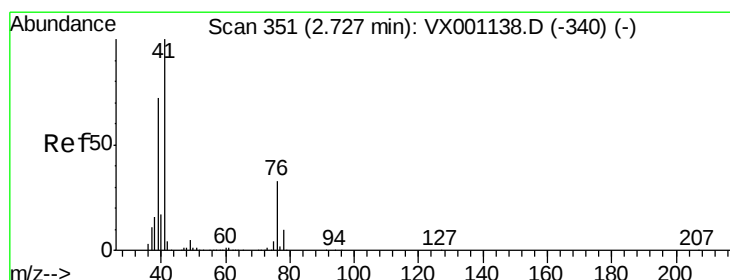
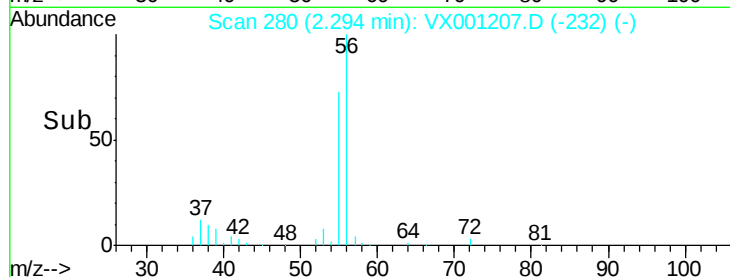
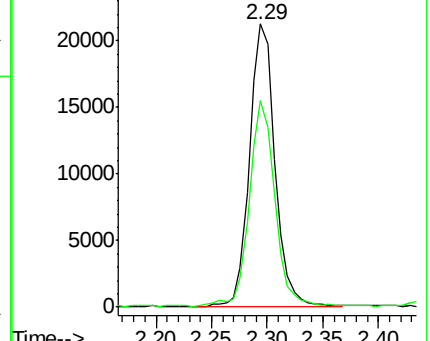
56 100

55 74.1 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.88 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

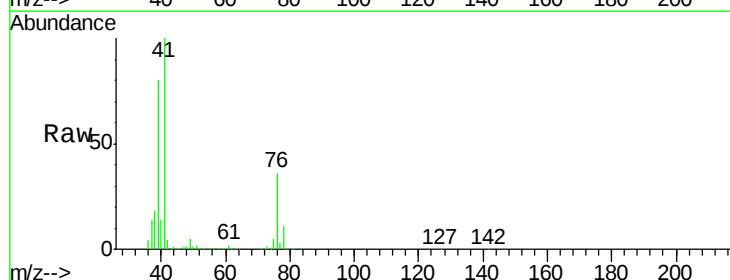
Tgt Ion: 41 Resp: 189335

Ion Ratio Lower Upper

41 100

39 73.4 55.6 83.4

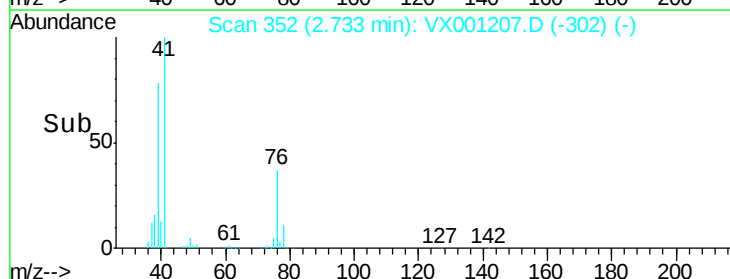
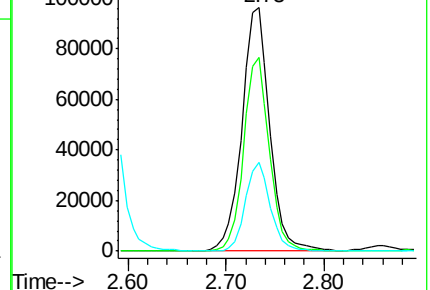
76 32.9 24.8 37.2

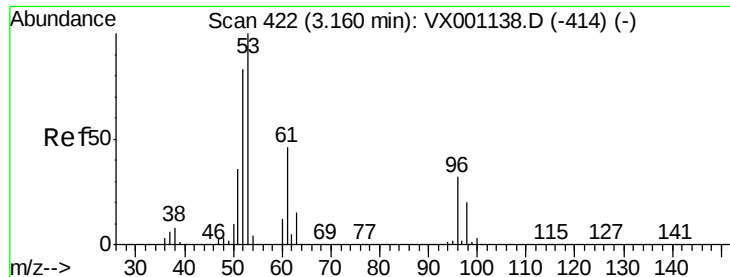


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 192.75 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

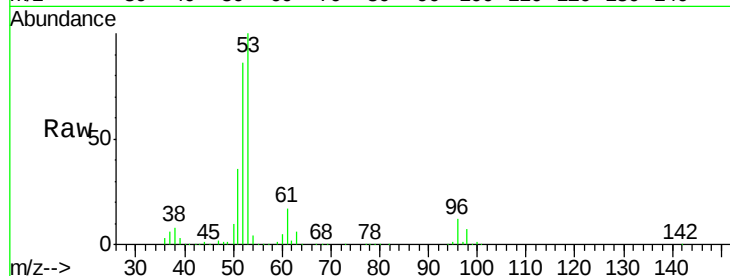
Tgt Ion: 53 Resp: 281465

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

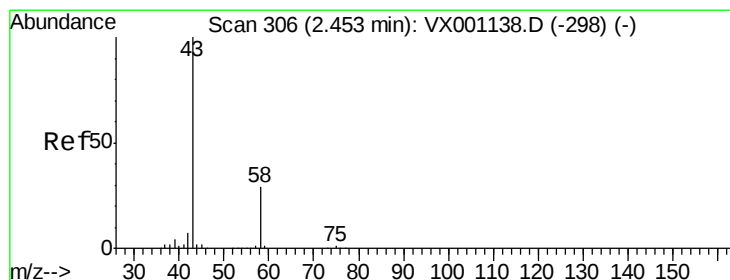
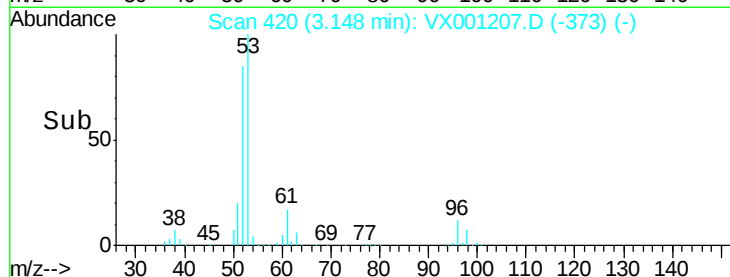
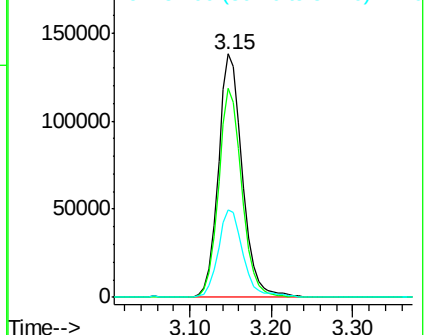
51 37.5 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.19 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001207.D

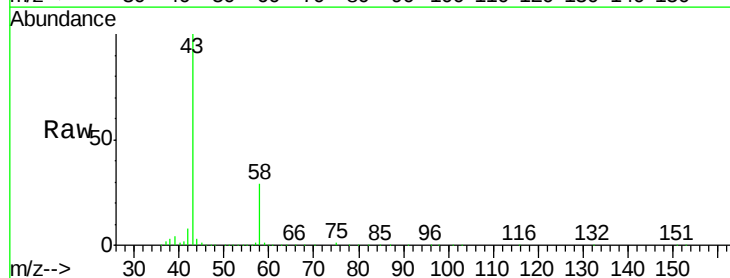
Acq: 28 Apr 2018 11:50

Tgt Ion: 43 Resp: 346791

Ion Ratio Lower Upper

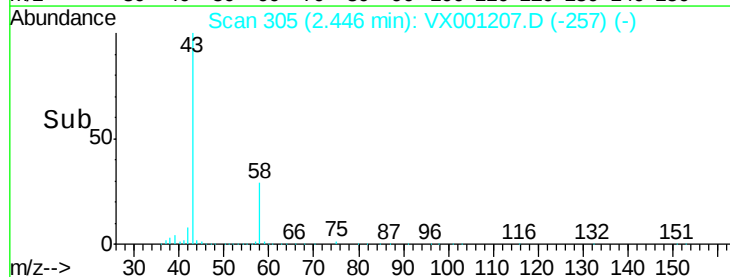
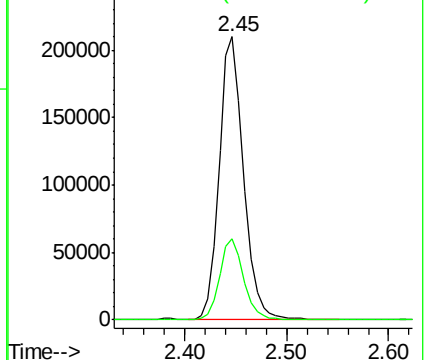
43 100

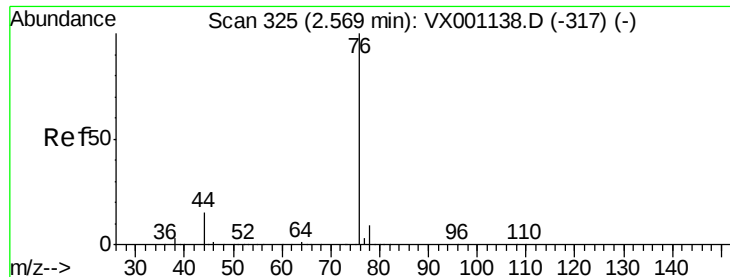
58 28.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

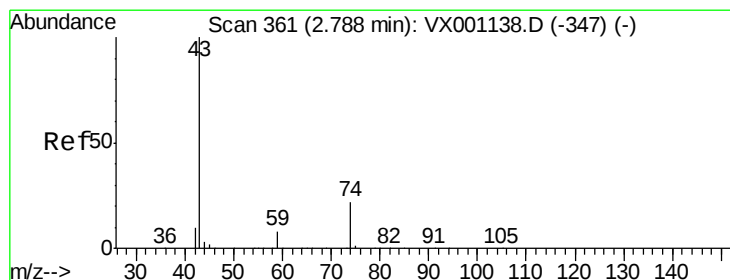
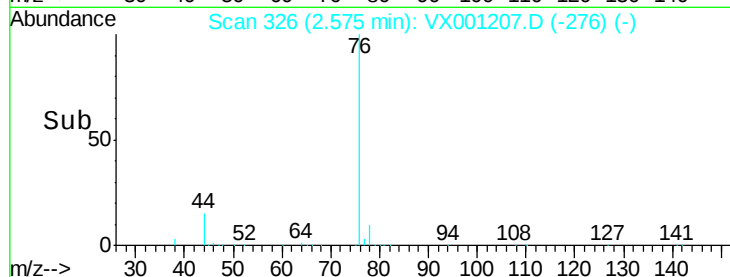
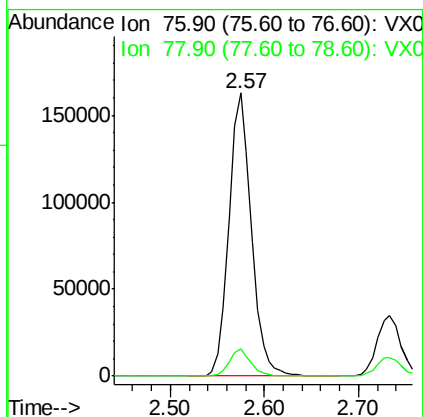
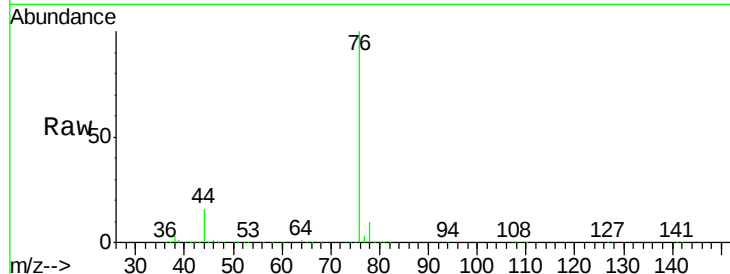




#17
Carbon Disulfide
Concen: 46.72 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

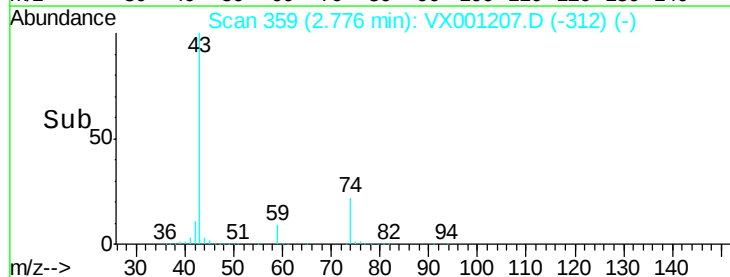
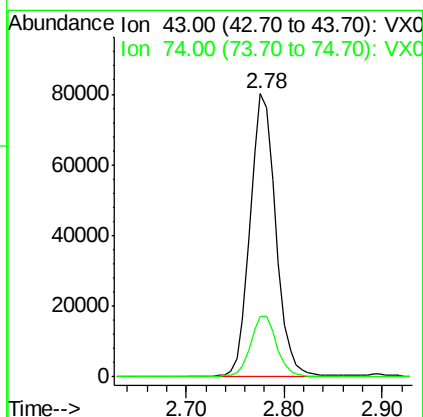
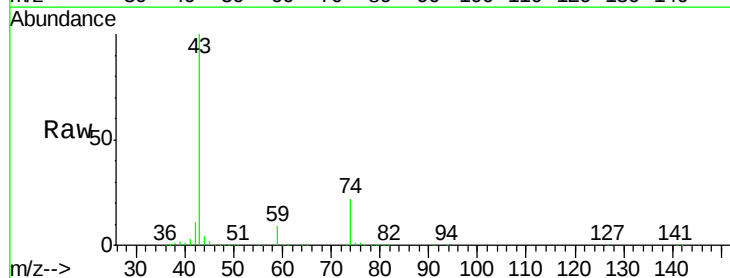
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

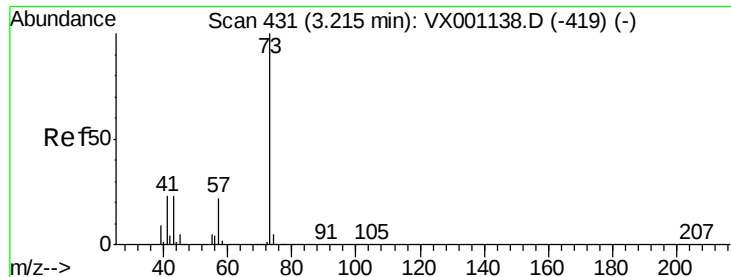
Tgt Ion: 76 Resp: 269701
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 40.83 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 43 Resp: 145712
Ion Ratio Lower Upper
43 100
74 22.4 18.1 27.1

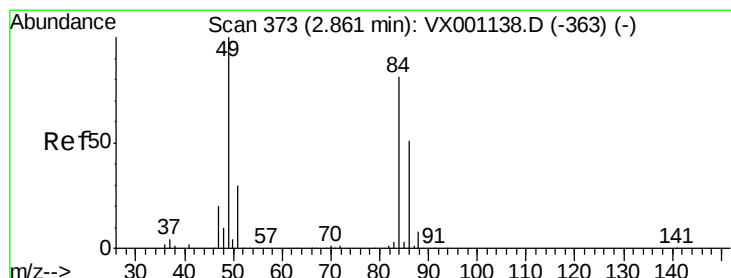
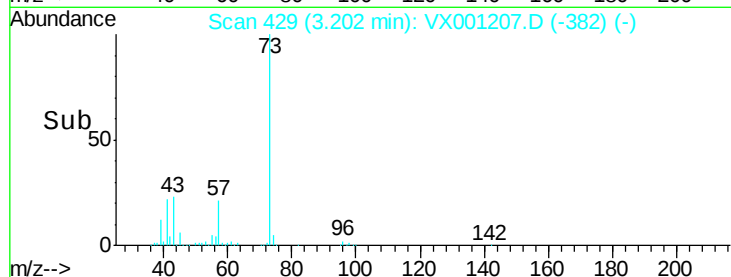
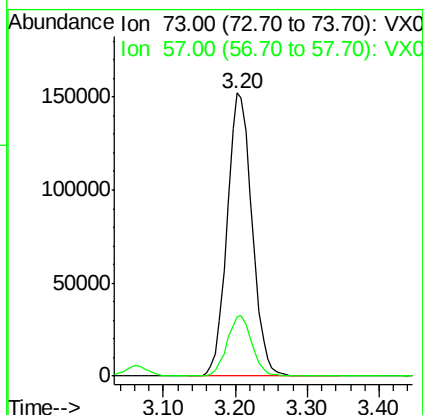
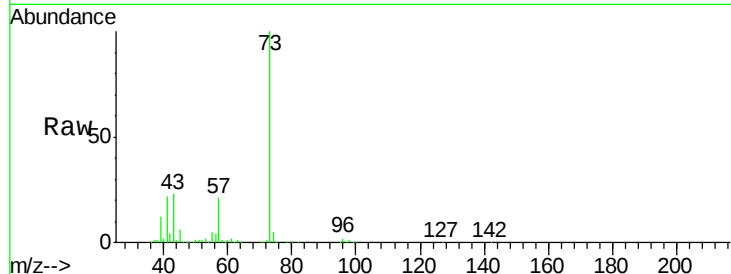




#19
Methyl tert-butyl Ether
Concen: 43.84 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

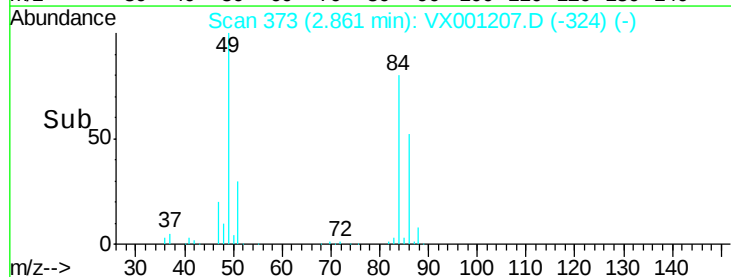
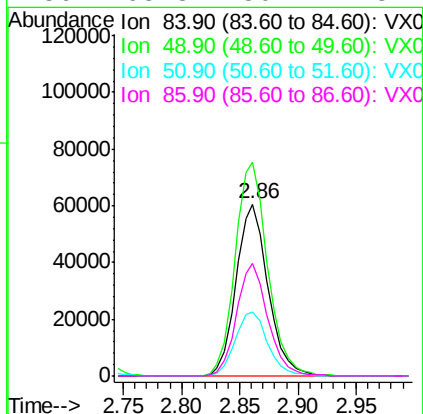
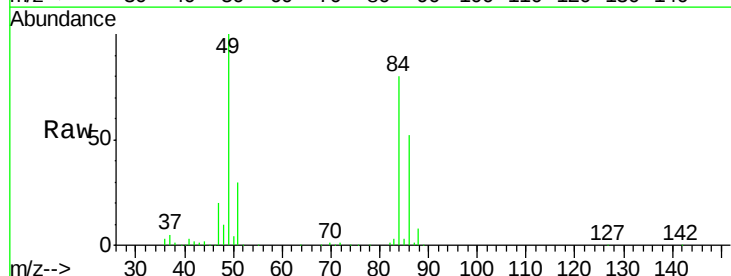
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

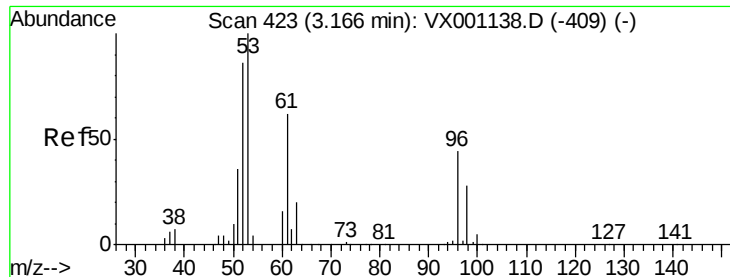
Tgt Ion: 73 Resp: 365103
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#20
Methylene Chloride
Concen: 43.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 84 Resp: 115537
Ion Ratio Lower Upper
84 100
49 124.5 99.2 148.8
51 37.4 29.5 44.3
86 65.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.07 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

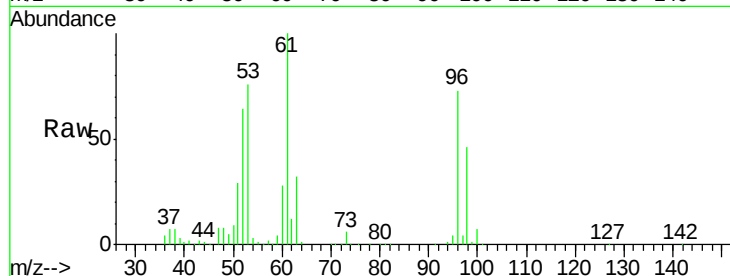
Tgt Ion: 96 Resp: 115212

Ion Ratio Lower Upper

96 100

61 137.7 111.9 167.9

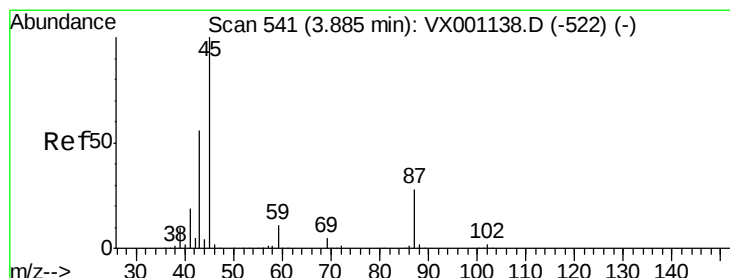
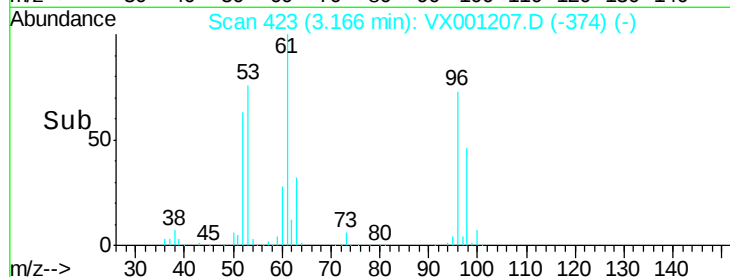
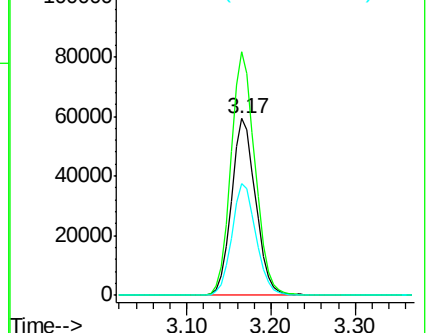
98 62.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 45.60 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion: 45 Resp: 376534

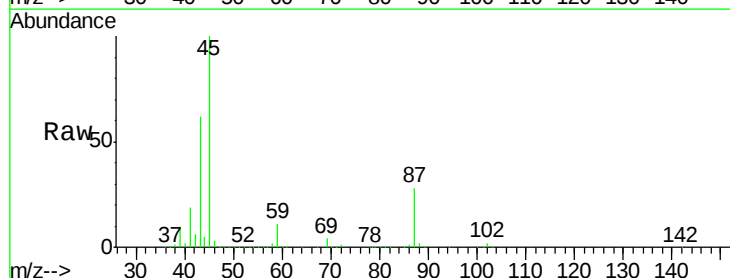
Ion Ratio Lower Upper

45 100

43 61.7 45.0 67.4

87 28.1 22.8 34.2

59 10.9 9.0 13.6

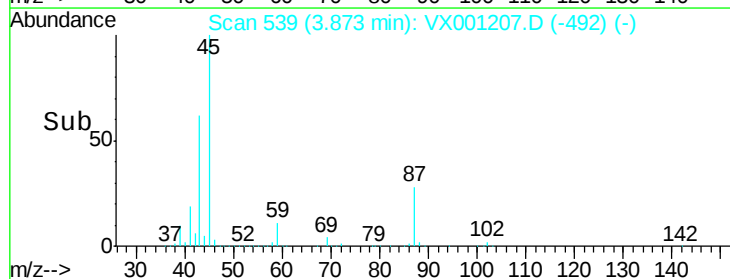
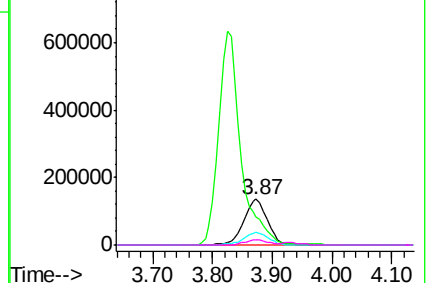


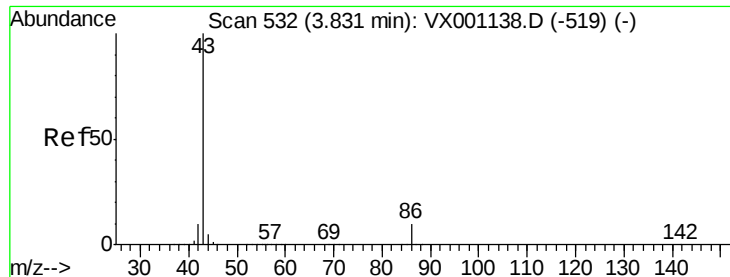
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 235.31 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

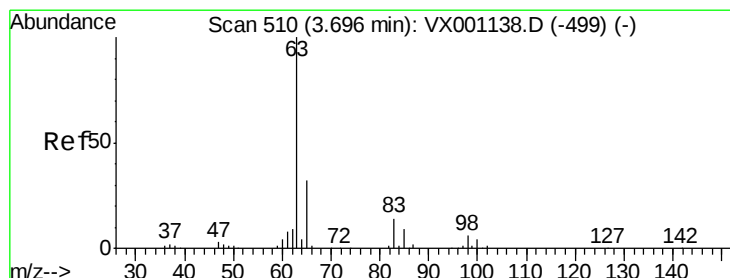
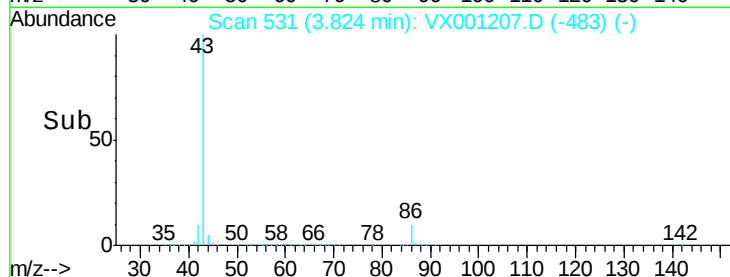
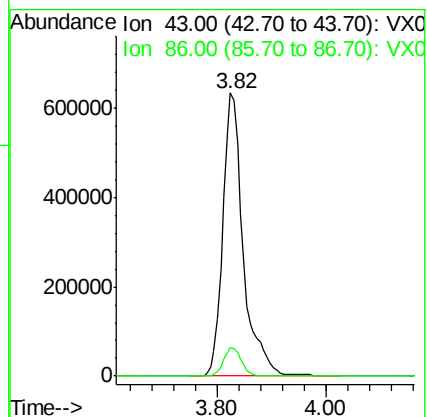
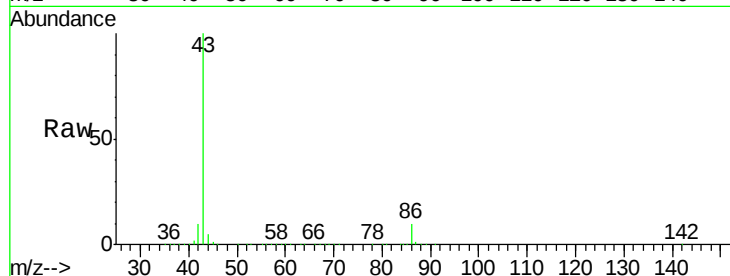
VSTDCCC050

Tgt Ion: 43 Resp: 1648317

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0



#24

1,1-Dichloroethane

Concen: 47.61 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

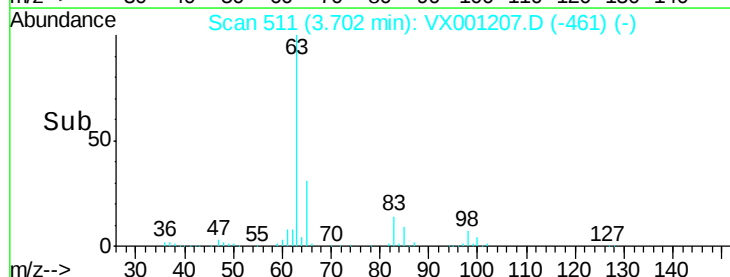
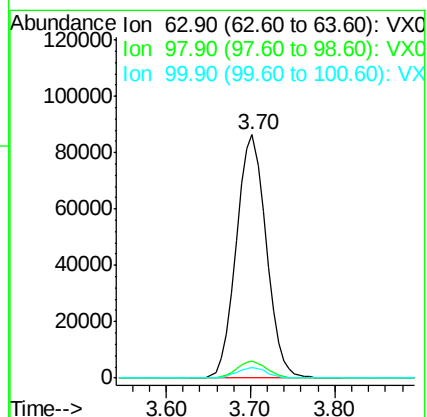
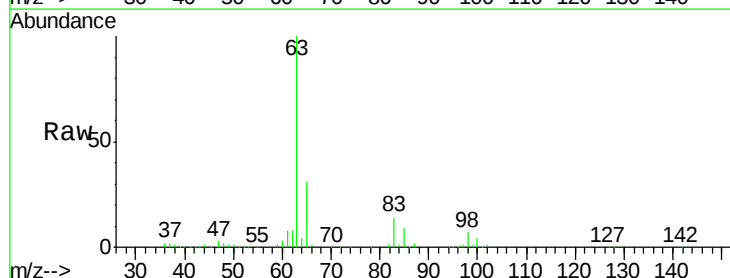
Tgt Ion: 63 Resp: 206635

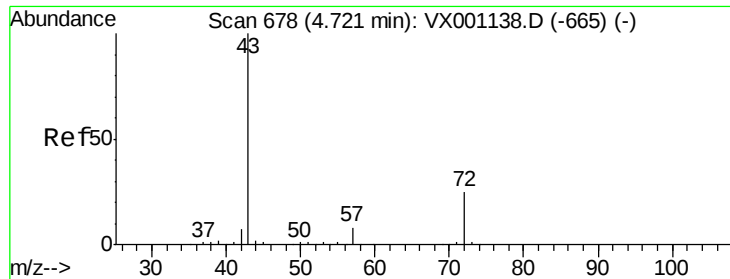
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 207.12 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

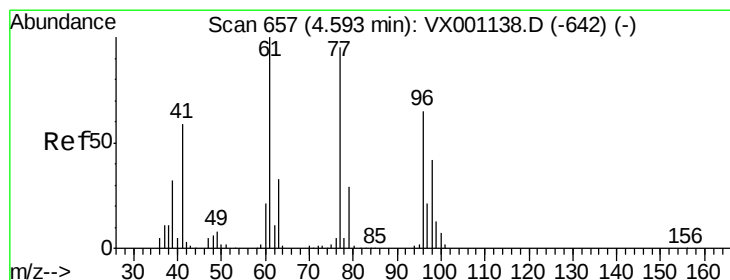
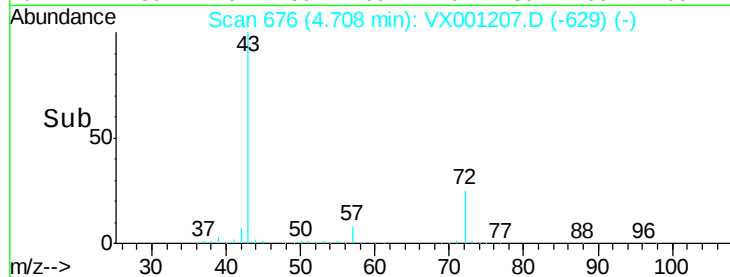
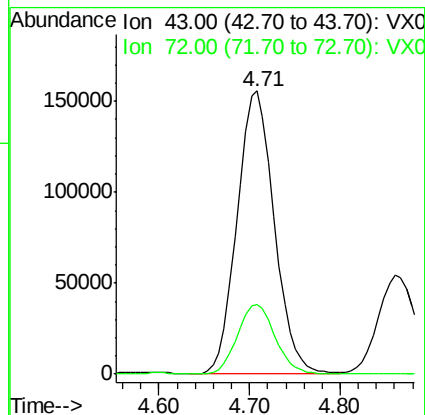
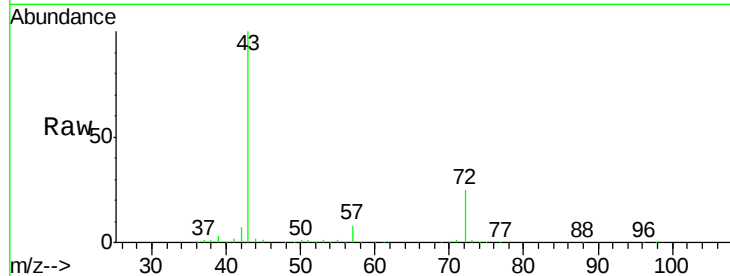
VSTDCCC050

Tgt Ion: 43 Resp: 441928

Ion Ratio Lower Upper

43 100

72 24.6 20.0 30.0



#26

2,2-Dichloropropane

Concen: 50.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001207.D

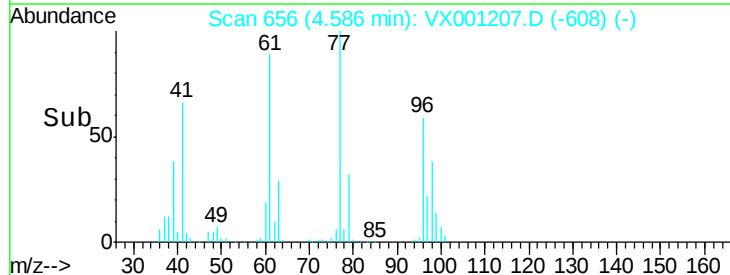
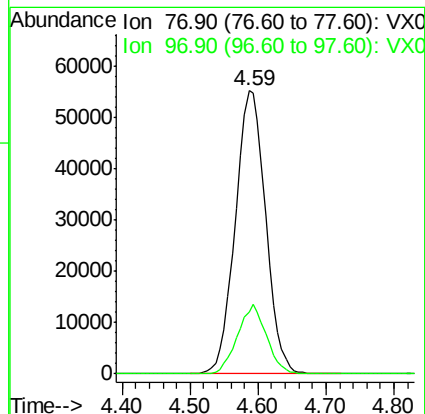
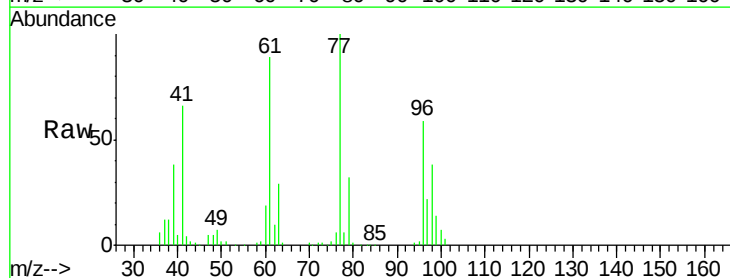
Acq: 28 Apr 2018 11:50

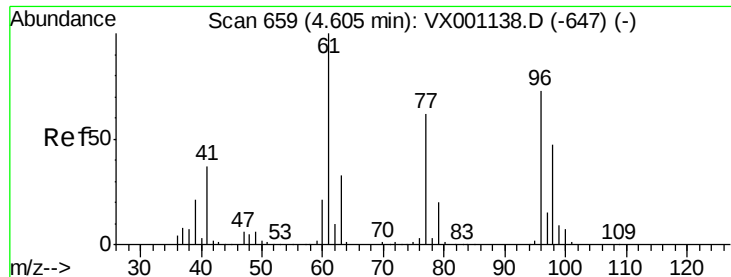
Tgt Ion: 77 Resp: 171278

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 46.79 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

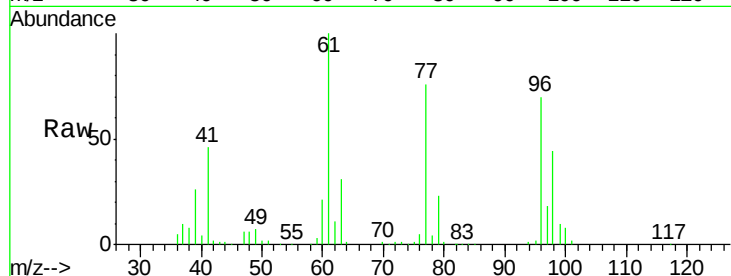
Tgt Ion: 96 Resp: 128128

Ion Ratio Lower Upper

96 100

61 144.8 0.0 289.0

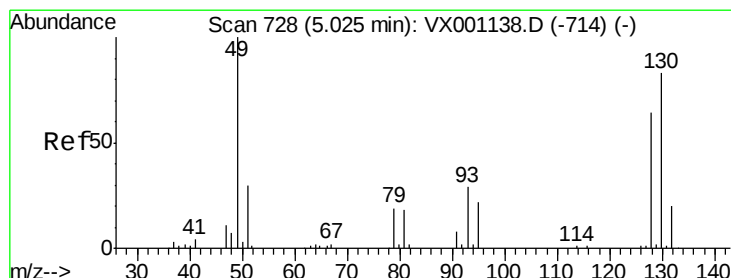
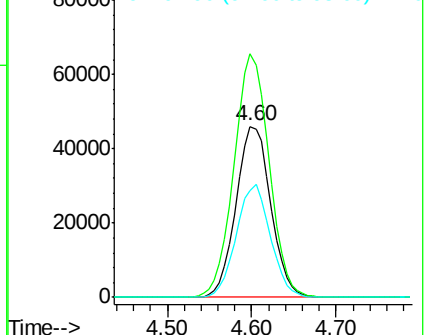
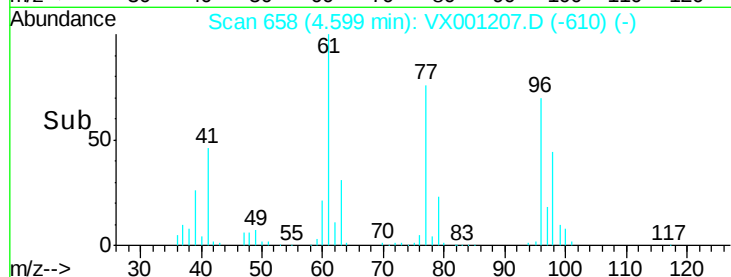
98 64.9 0.0 128.2



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: 50.71 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

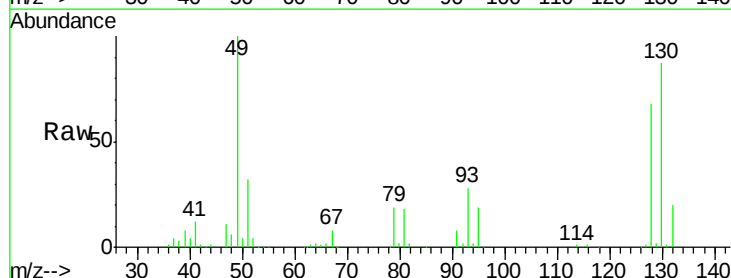
Tgt Ion: 49 Resp: 98669

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

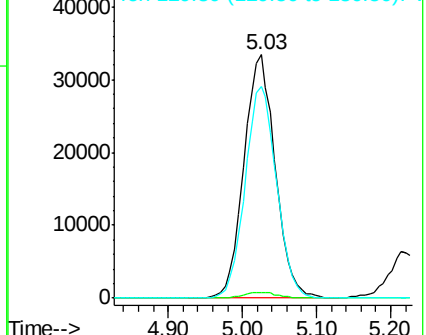
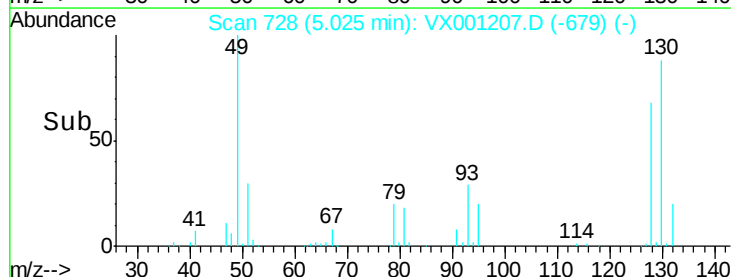
130 87.1 68.2 102.2

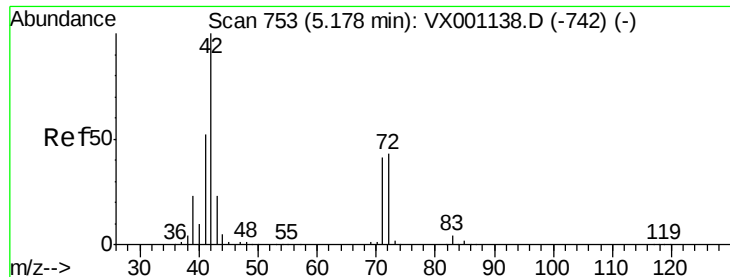


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 186.20 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

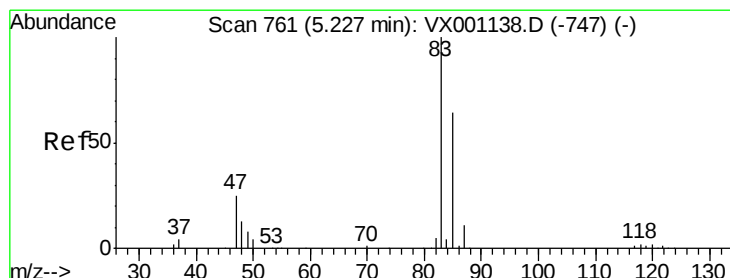
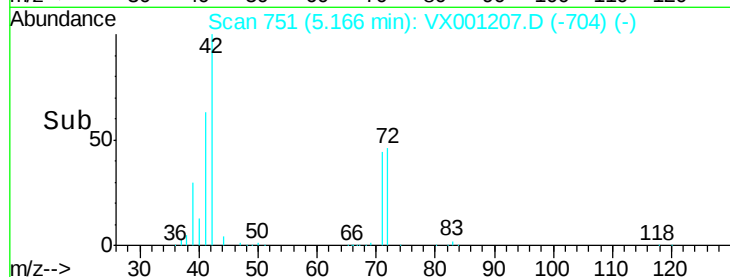
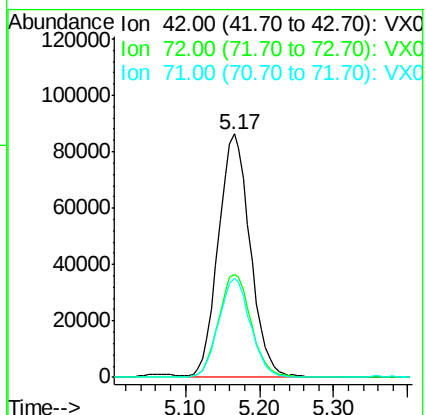
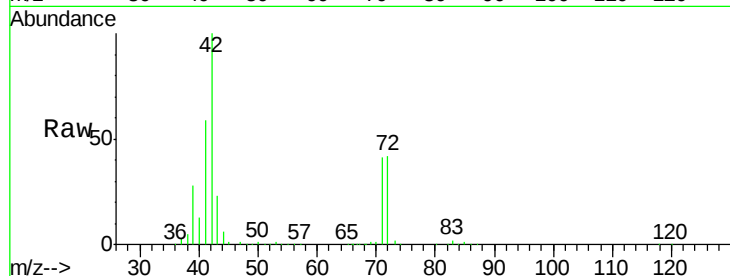
Tgt Ion: 42 Resp: 255443

Ion Ratio Lower Upper

42 100

72 43.7 34.4 51.6

71 40.8 32.1 48.1



#30

Chloroform

Concen: 47.76 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX001207.D

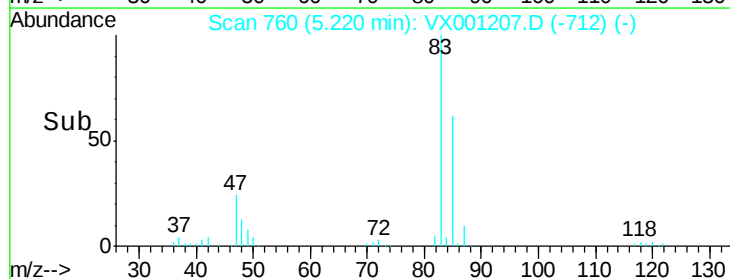
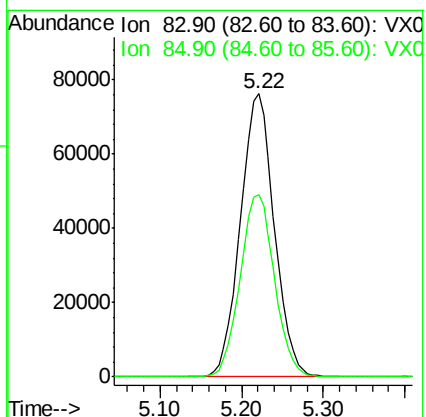
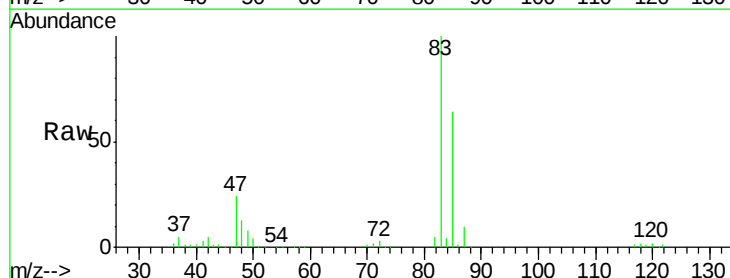
Acq: 28 Apr 2018 11:50

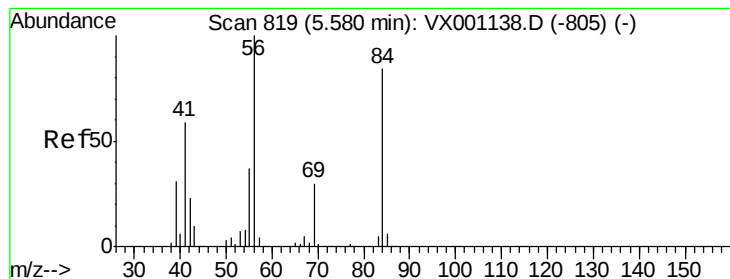
Tgt Ion: 83 Resp: 220401

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0





#31

Cyclohexane

Concen: 50.49 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

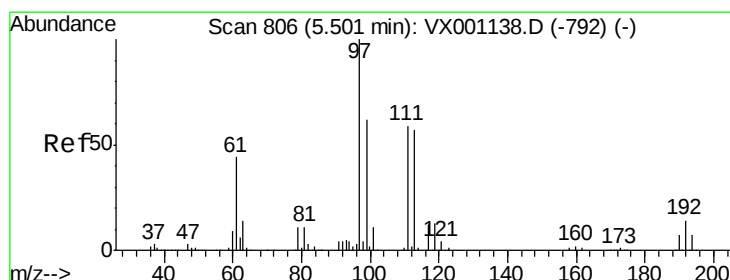
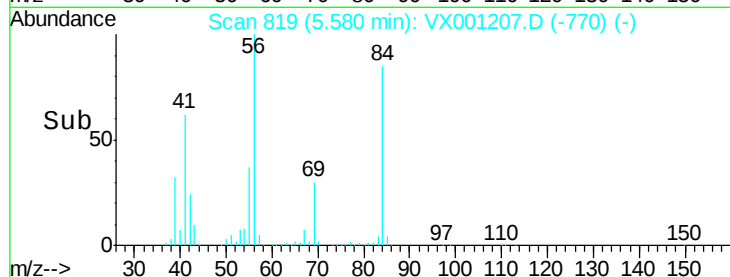
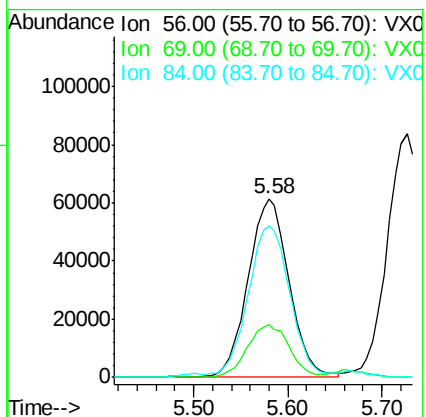
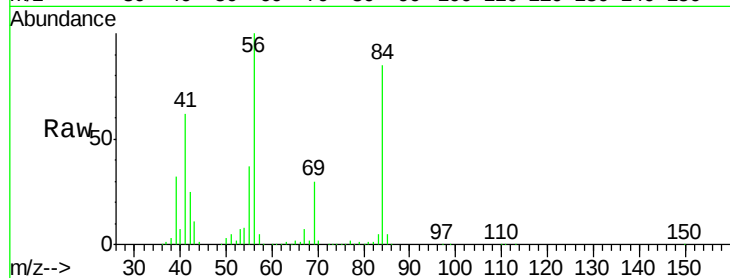
Tgt Ion: 56 Resp: 186143

Ion Ratio Lower Upper

56 100

69 29.7 24.2 36.2

84 83.0 67.5 101.3



#32

1,1,1-Trichloroethane

Concen: 49.63 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

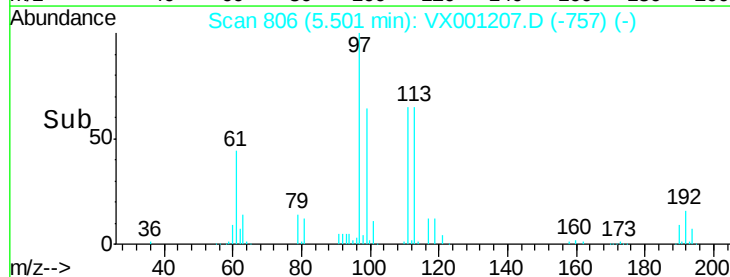
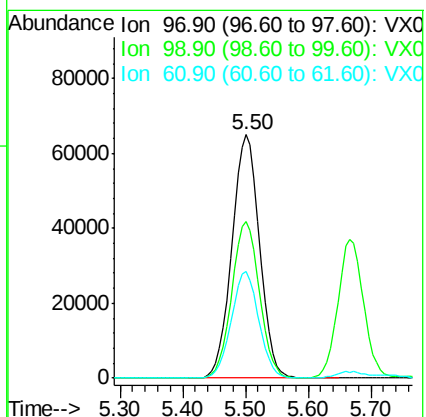
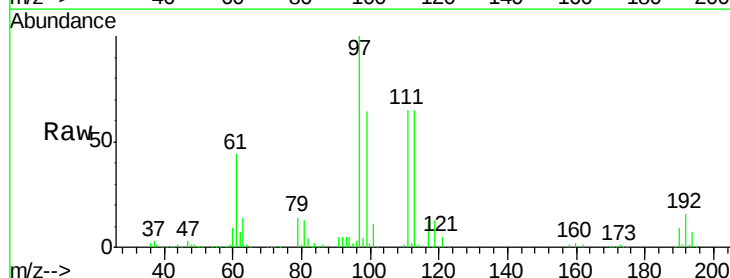
Tgt Ion: 97 Resp: 197700

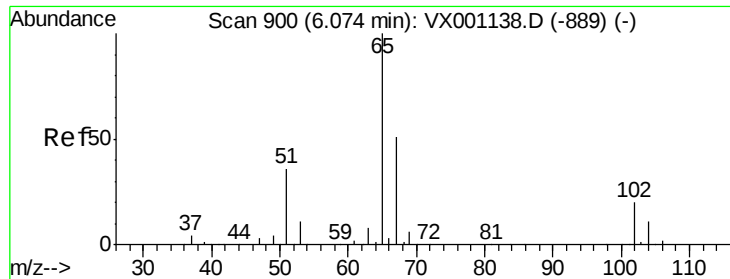
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 43.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 43.63 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

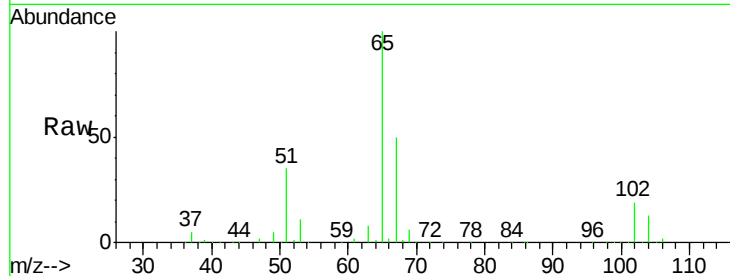
VSTDCCC050

Tgt Ion: 65 Resp: 151303

Ion Ratio Lower Upper

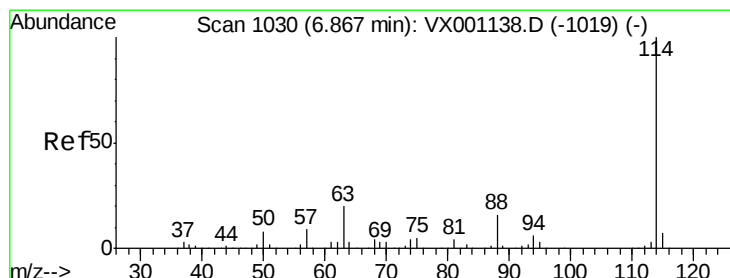
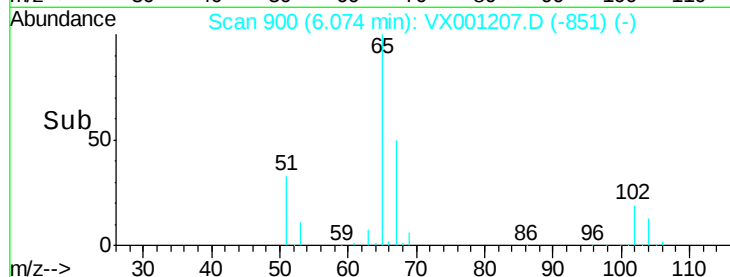
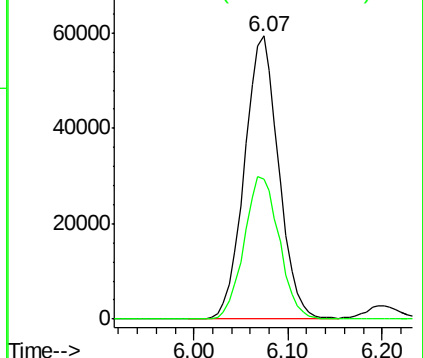
65 100

67 51.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

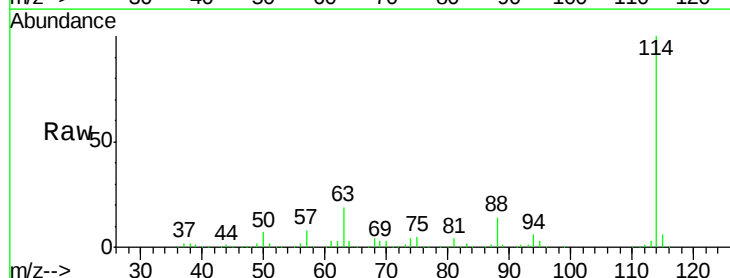
Tgt Ion: 114 Resp: 286106

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.4

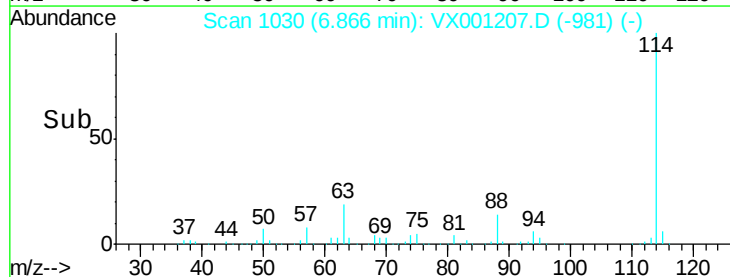
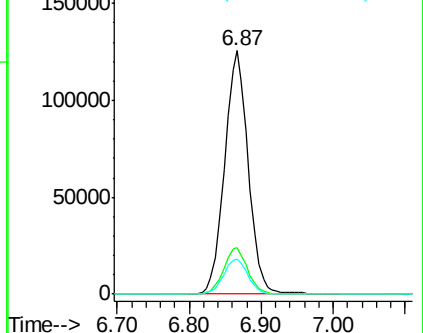
88 14.2 0.0 31.8

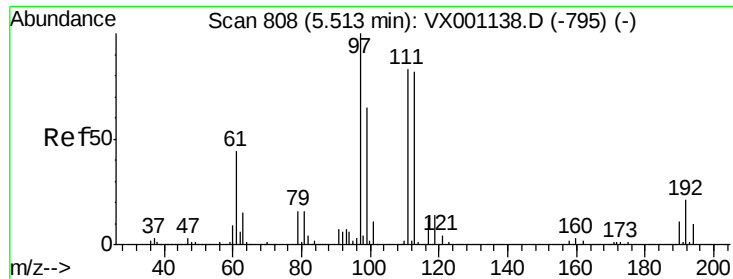


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

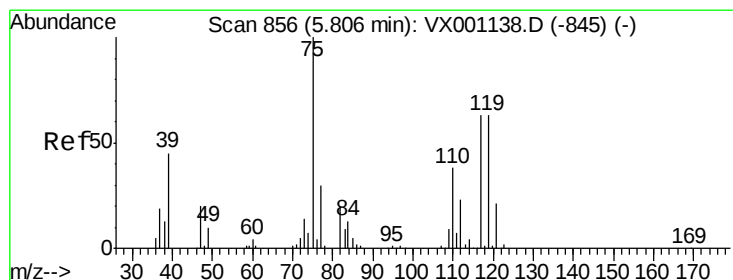
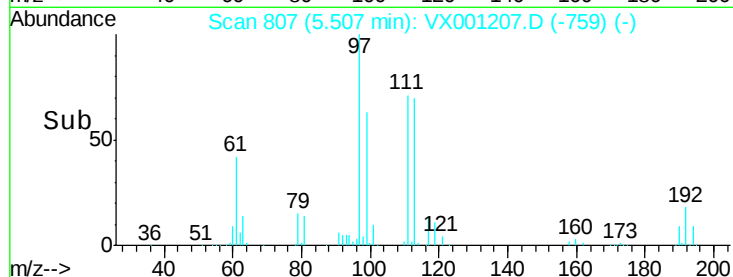
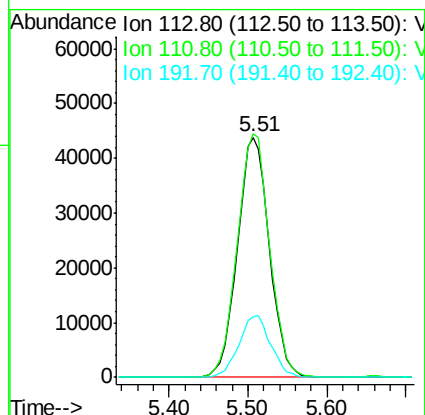
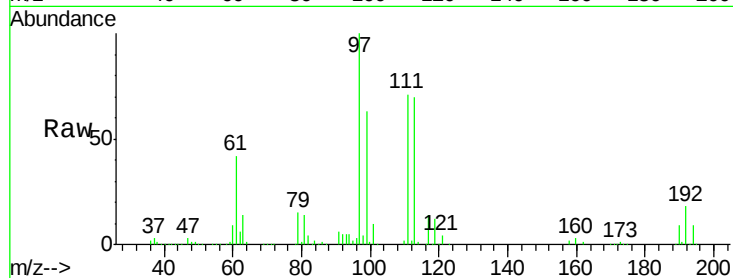




#35
 Dibromofluoromethane
 Concen: 51.84 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

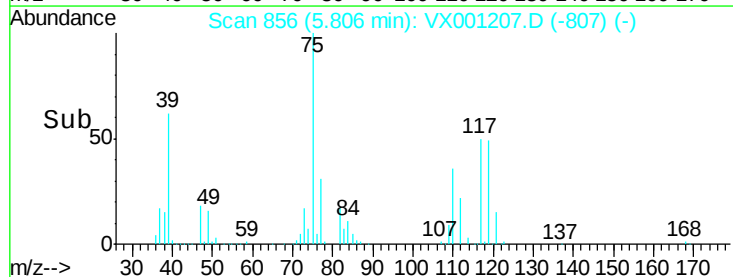
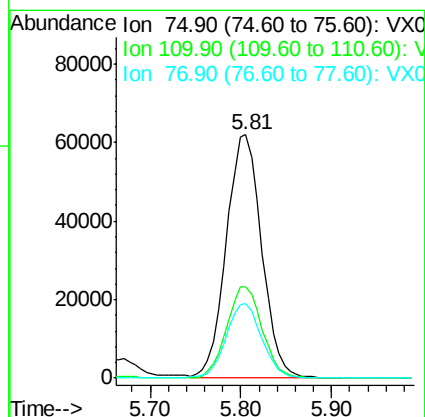
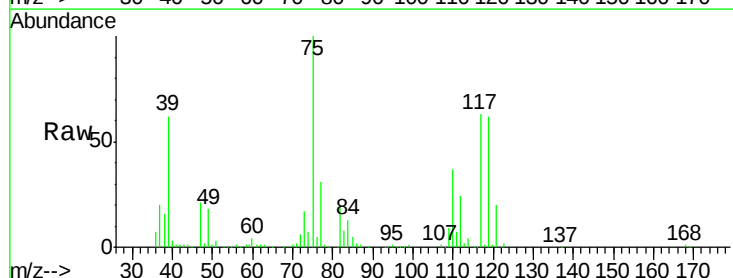
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

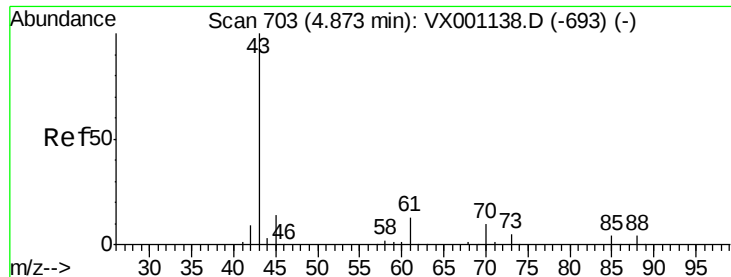
Tgt Ion:113 Resp: 122769
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 25.8 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 53.23 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion: 75 Resp: 167823
 Ion Ratio Lower Upper
 75 100
 110 37.8 19.0 57.0
 77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 42.49 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

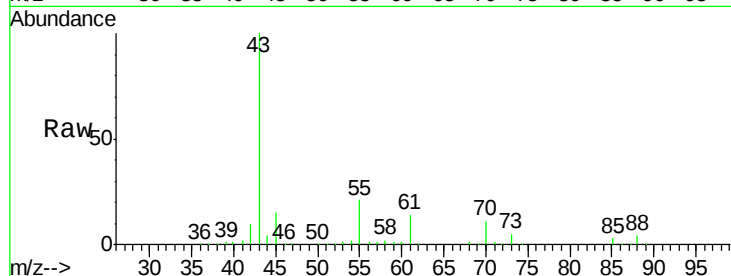
Tgt Ion: 43 Resp: 160426

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

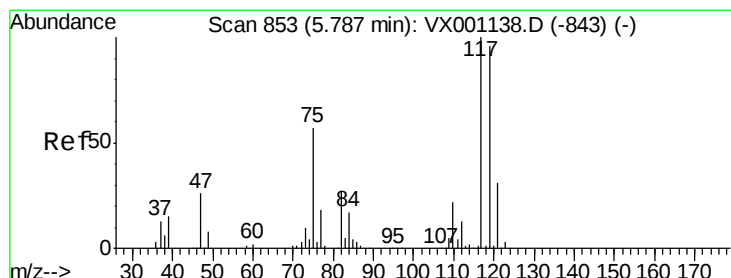
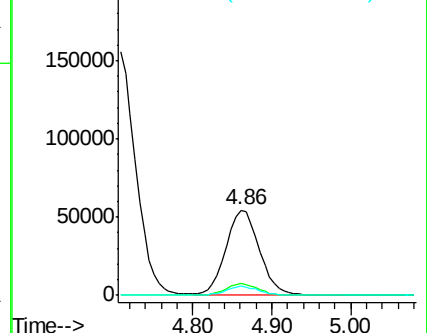
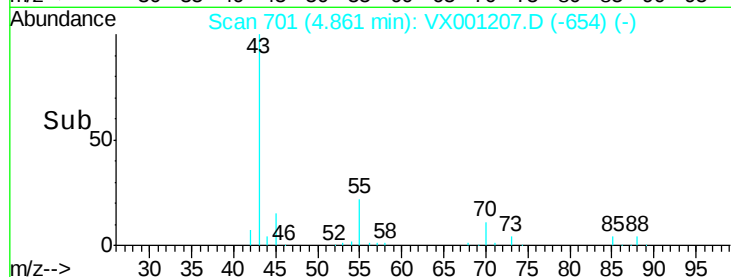
70 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX001138.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX001138.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX001138.D (-693) (-)



#38

Carbon Tetrachloride

Concen: 55.17 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

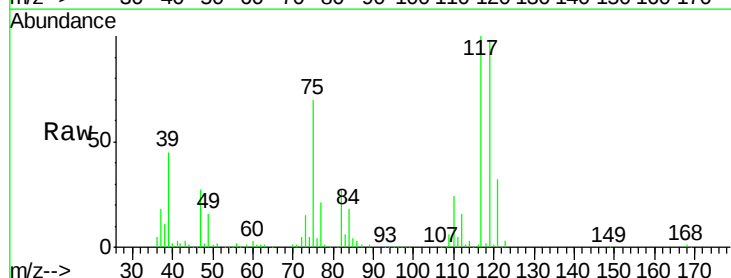
Tgt Ion: 117 Resp: 178345

Ion Ratio Lower Upper

117 100

119 98.2 76.5 114.7

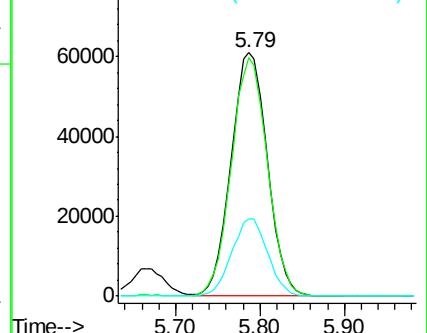
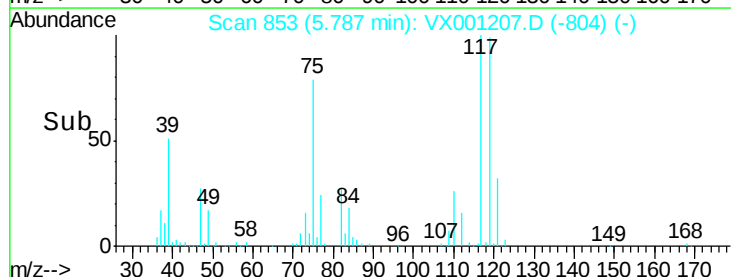
121 31.6 24.6 37.0

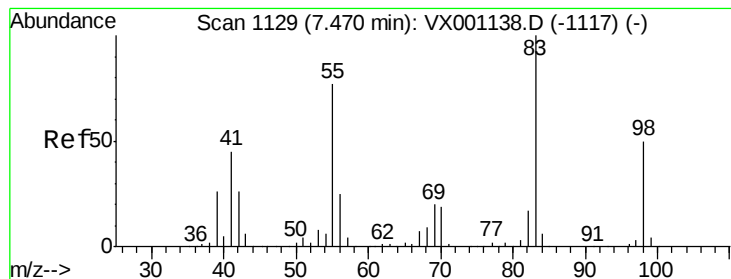


Abundance Ion 116.80 (116.50 to 117.50): VX001138.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX001138.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX001138.D (-843) (-)





#39

Methylcyclohexane

Concen: 57.45 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

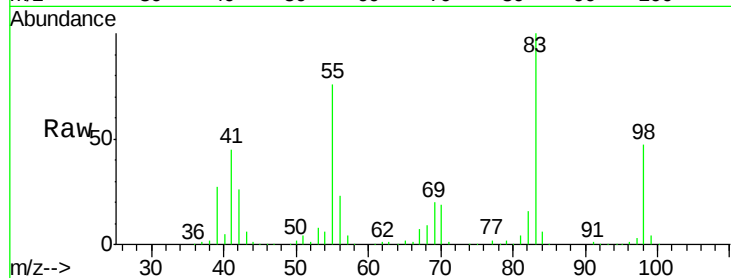
Tgt Ion: 83 Resp: 200449

Ion Ratio Lower Upper

83 100

55 75.9 61.8 92.6

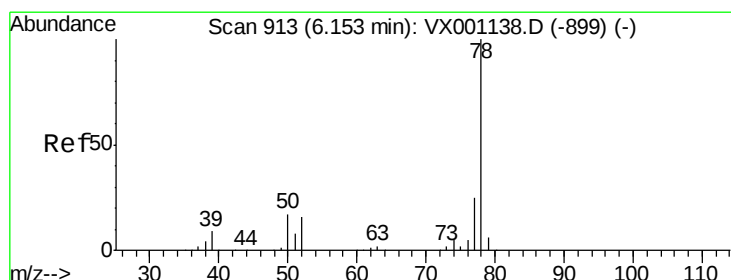
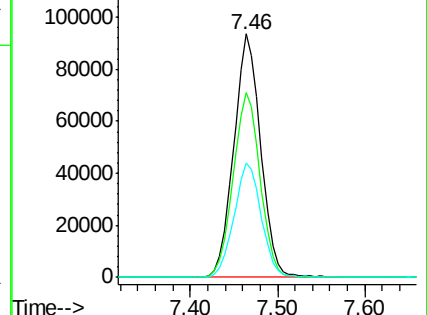
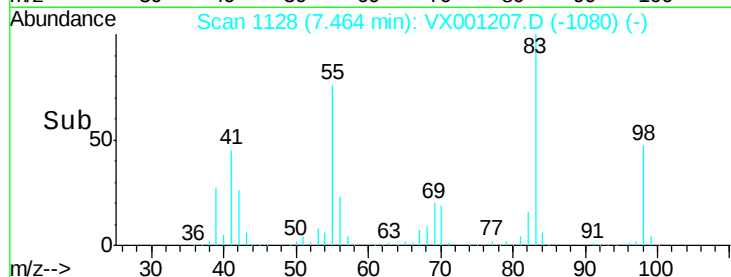
98 47.0 40.0 60.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 52.75 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001207.D

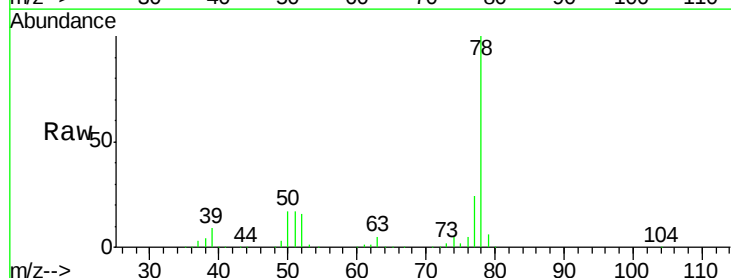
Acq: 28 Apr 2018 11:50

Tgt Ion: 78 Resp: 481124

Ion Ratio Lower Upper

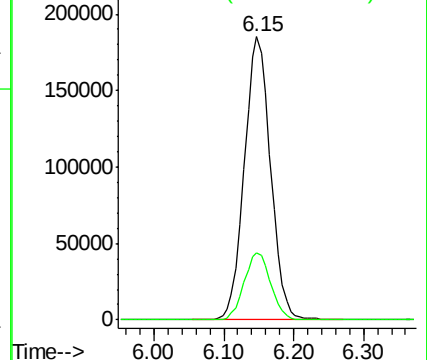
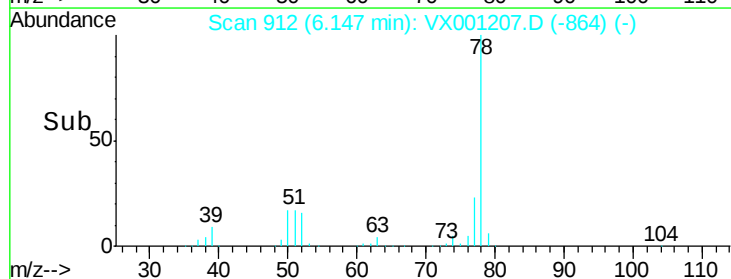
78 100

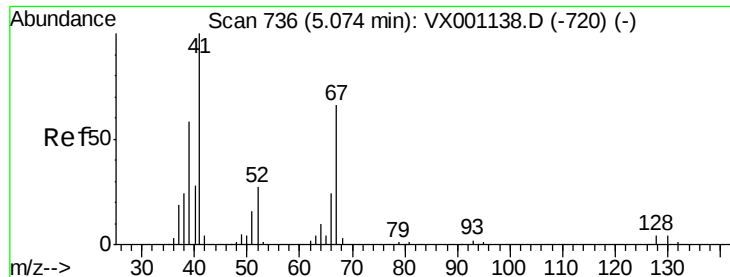
77 23.6 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 43.93 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 93190

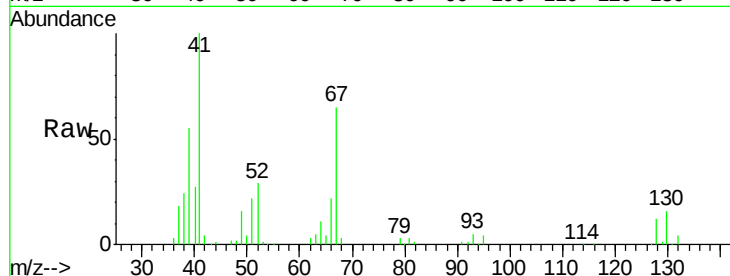
Ion Ratio Lower Upper

41 100

39 57.1 45.9 68.9

67 65.9 53.2 79.8

52 29.6 23.1 34.7

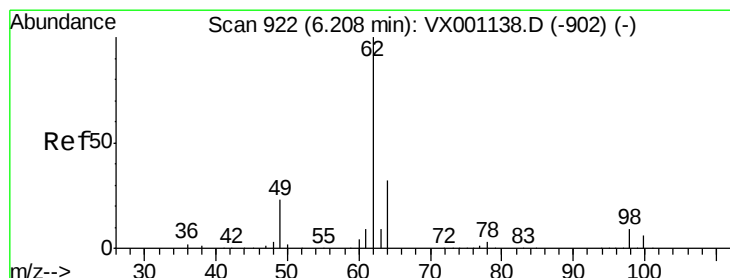
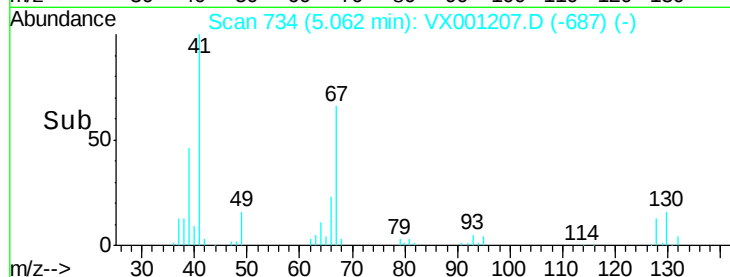
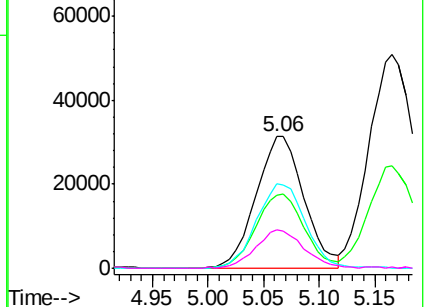


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.78 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX001207.D

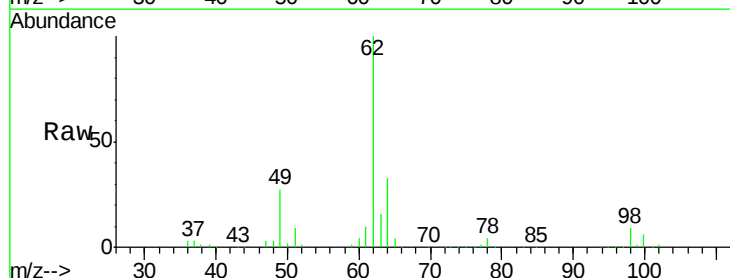
Acq: 28 Apr 2018 11:50

Tgt Ion: 62 Resp: 186628

Ion Ratio Lower Upper

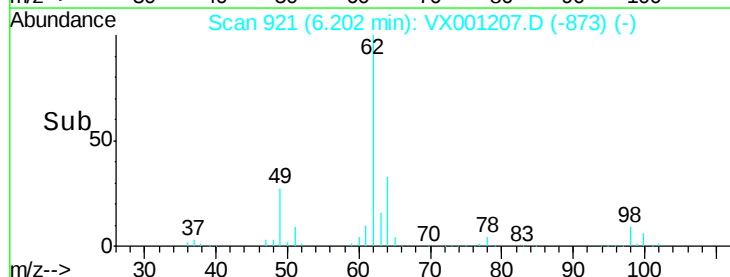
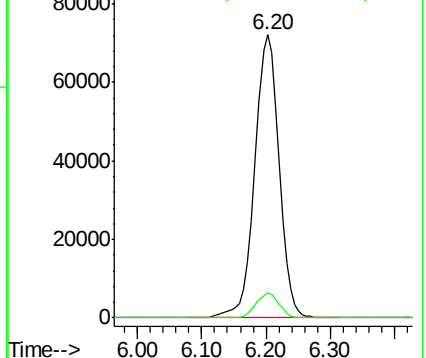
62 100

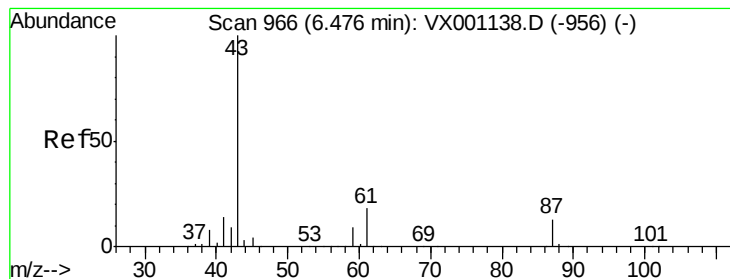
98 8.3 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.34 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

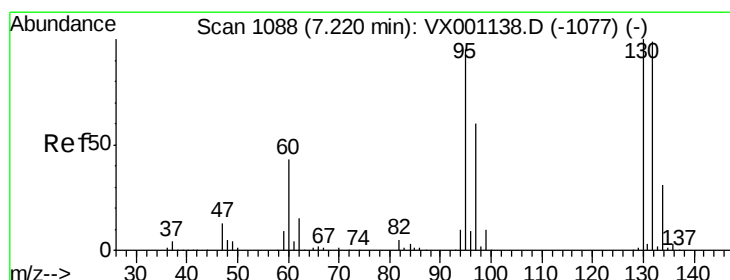
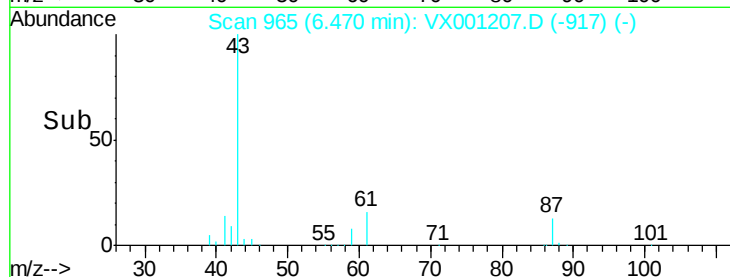
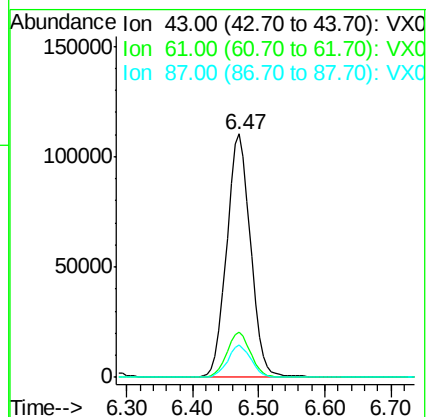
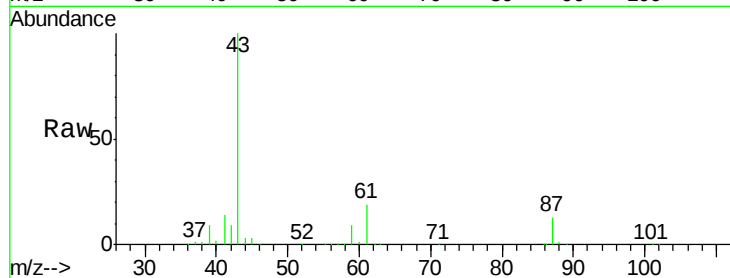
Tgt Ion: 43 Resp: 274802

Ion Ratio Lower Upper

43 100

61 18.5 15.0 22.6

87 12.9 10.3 15.5



#44

Trichloroethene

Concen: 53.66 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001207.D

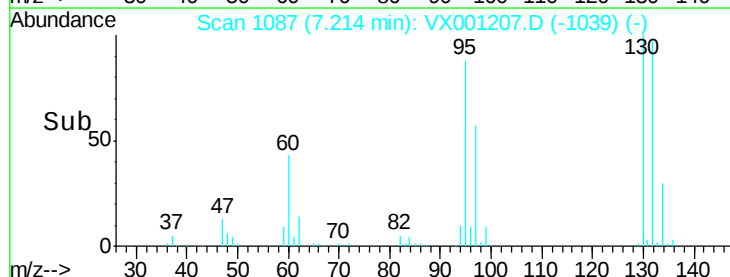
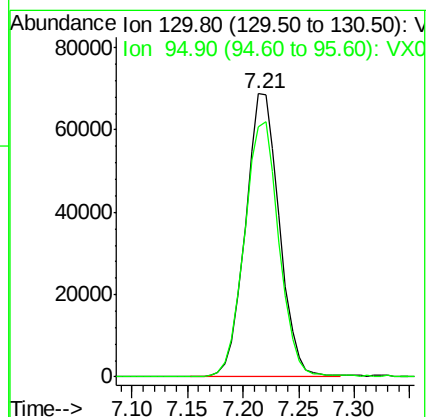
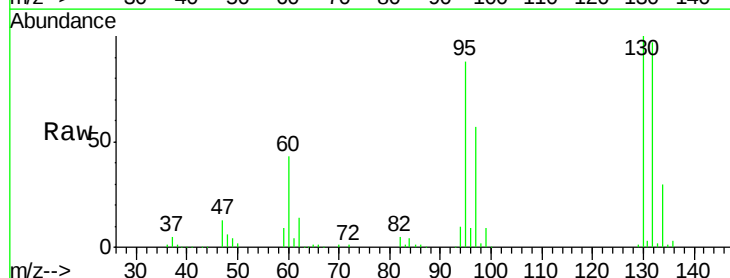
Acq: 28 Apr 2018 11:50

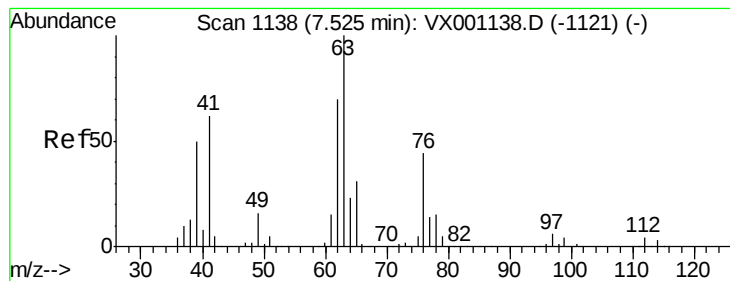
Tgt Ion: 130 Resp: 145811

Ion Ratio Lower Upper

130 100

95 88.3 0.0 189.6





#45

1,2-Dichloropropane

Concen: 52.24 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

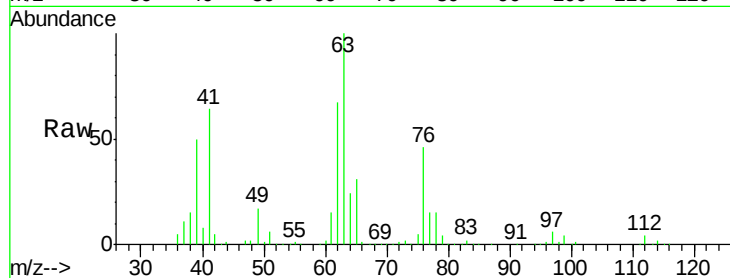
VSTDCCC050

Tgt Ion: 63 Resp: 125314

Ion Ratio Lower Upper

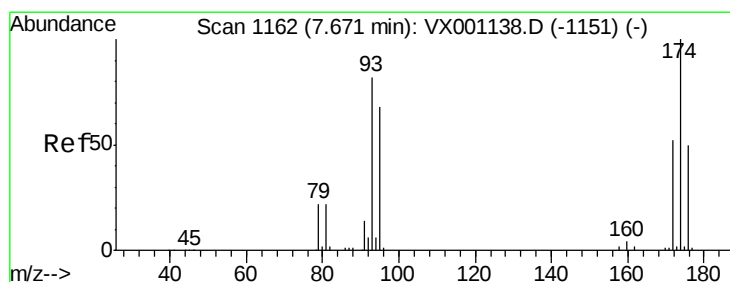
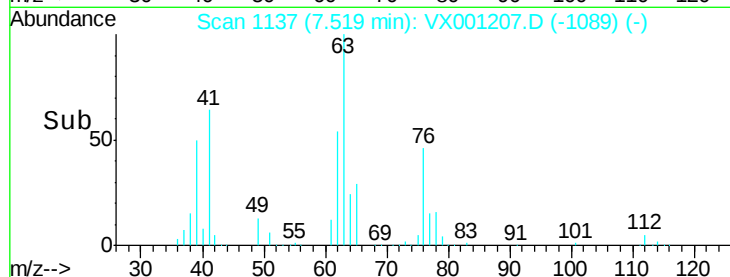
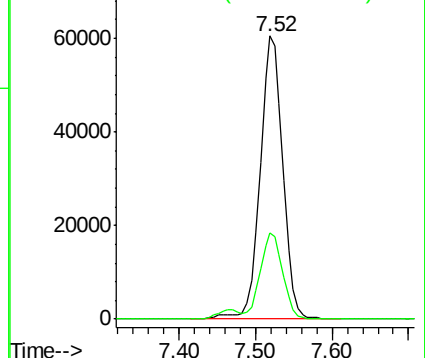
63 100

65 30.6 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.70 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

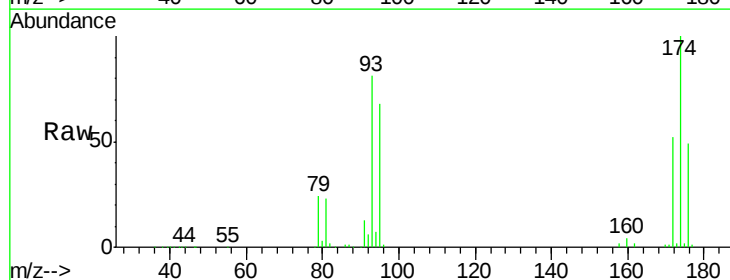
Tgt Ion: 93 Resp: 87535

Ion Ratio Lower Upper

93 100

95 82.2 66.4 99.6

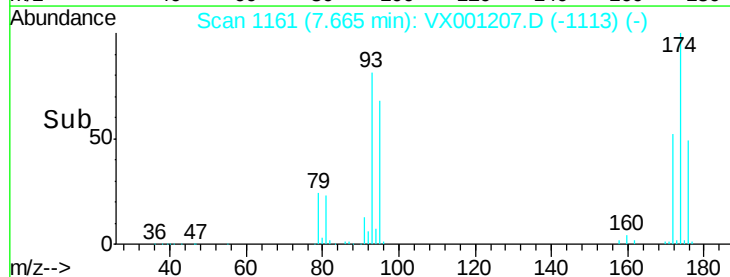
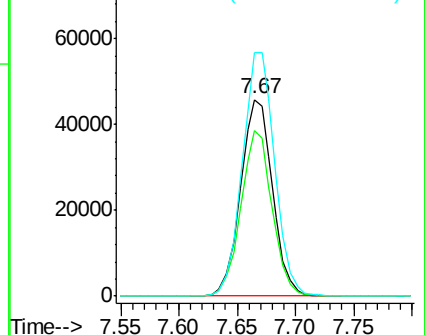
174 125.4 99.6 149.4

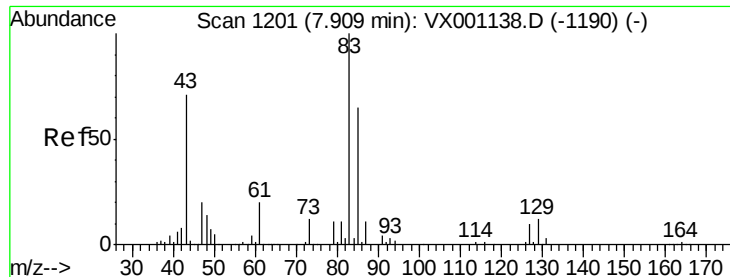


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.09 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

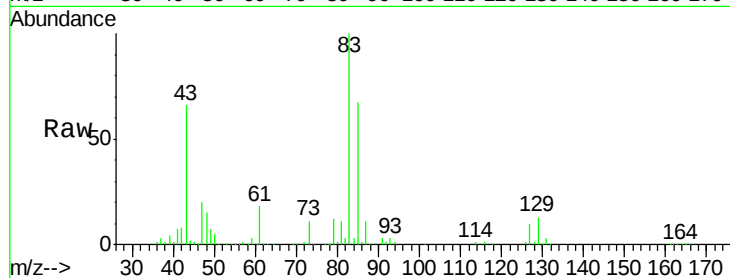
Tgt Ion: 83 Resp: 163252

Ion Ratio Lower Upper

83 100

85 67.1 51.9 77.9

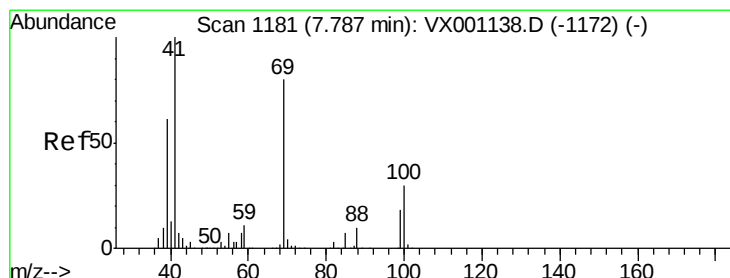
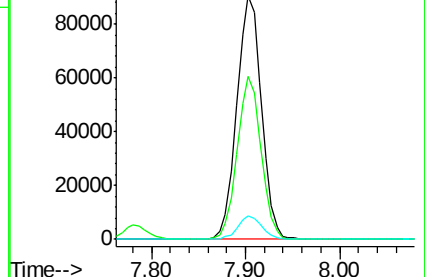
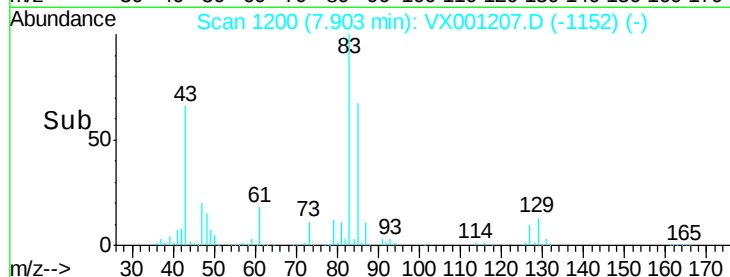
127 9.8 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.48 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

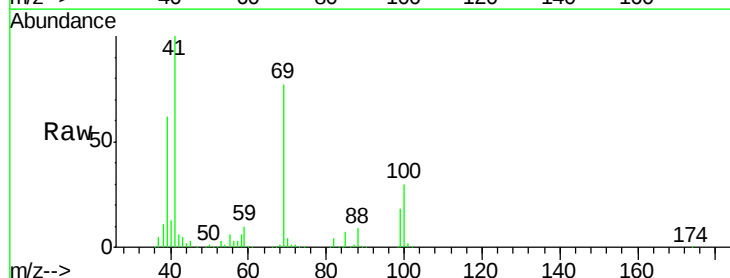
Tgt Ion: 41 Resp: 146482

Ion Ratio Lower Upper

41 100

69 78.5 62.4 93.6

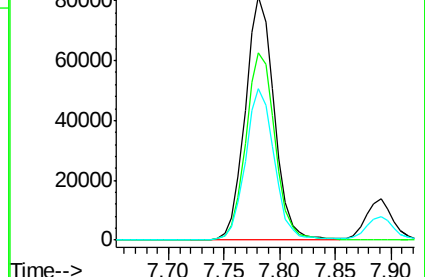
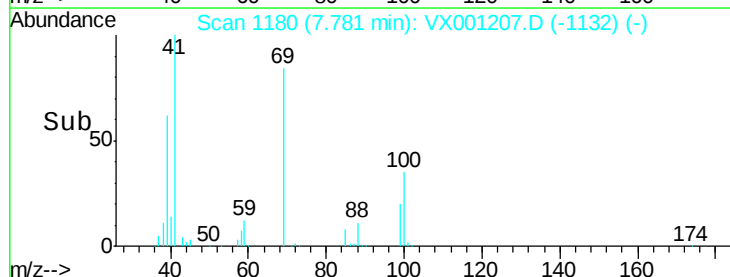
39 61.8 48.7 73.1

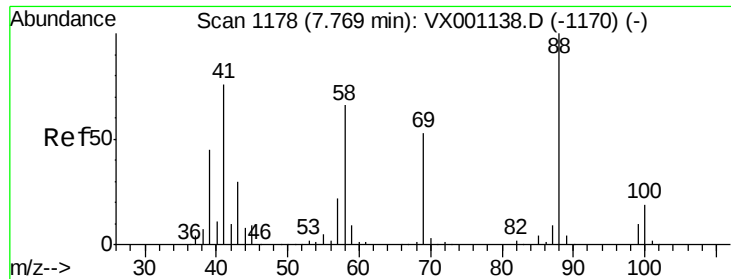


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

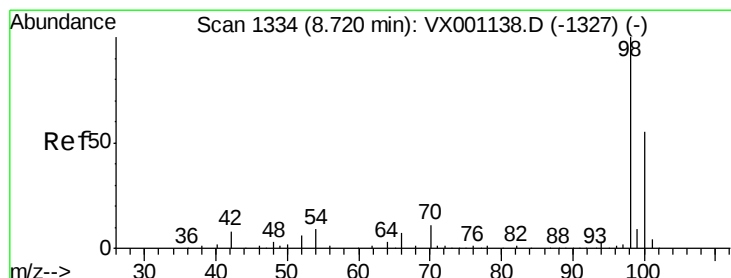
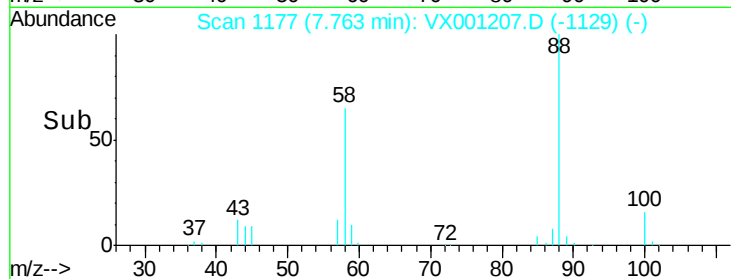
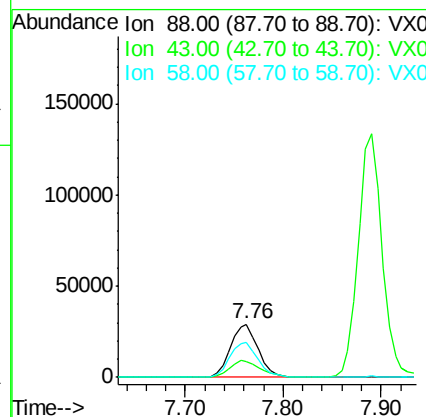
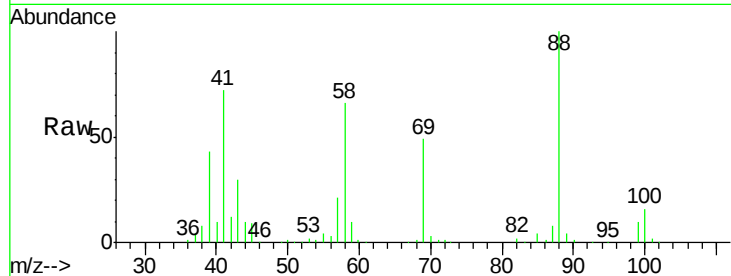




#49
1,4-Dioxane
Concen: 890.56 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

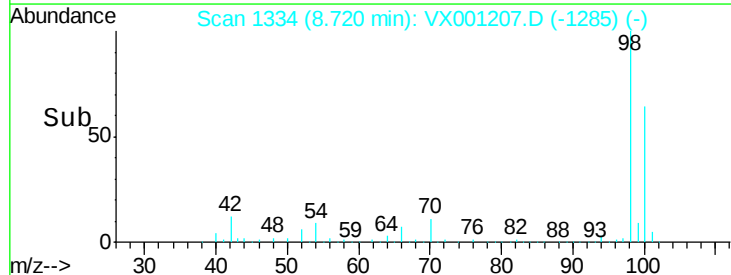
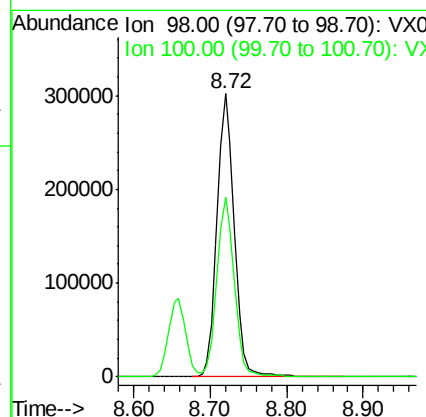
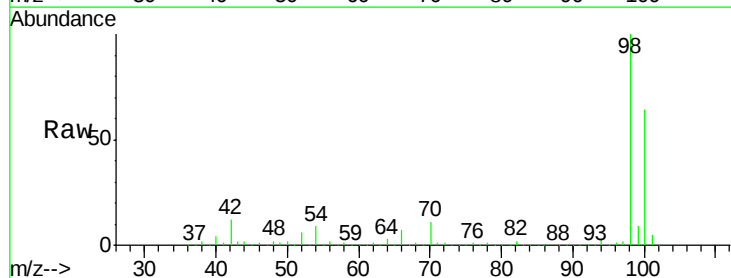
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

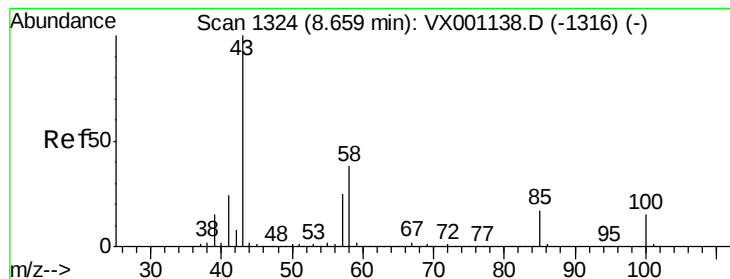
Tgt Ion: 88 Resp: 56196
Ion Ratio Lower Upper
88 100
43 36.1 27.3 40.9
58 68.0 54.2 81.4



#50
Toluene-d8
Concen: 53.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 98 Resp: 473850
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 227.52 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

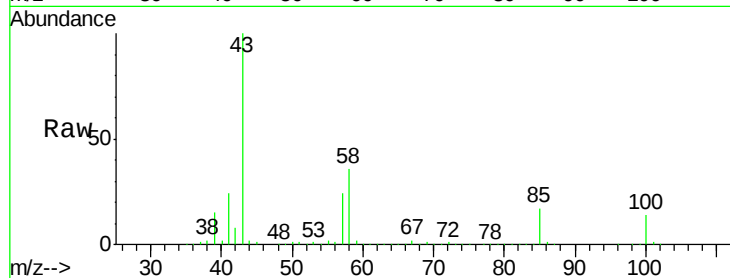
VSTDCCC050

Tgt Ion: 43 Resp: 886212

Ion Ratio Lower Upper

43 100

58 36.6 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

600000

500000

400000

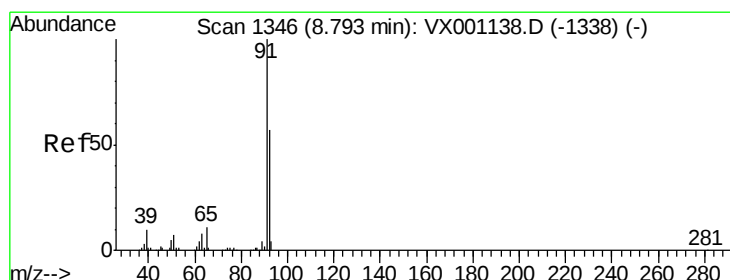
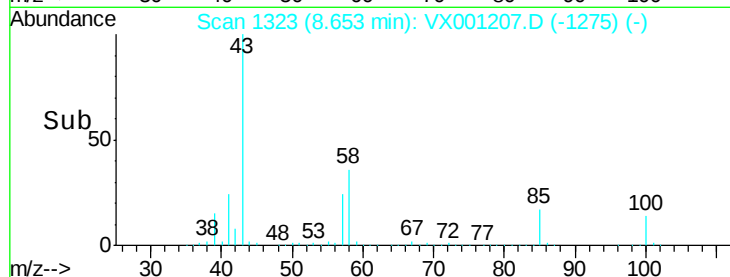
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.34 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001207.D

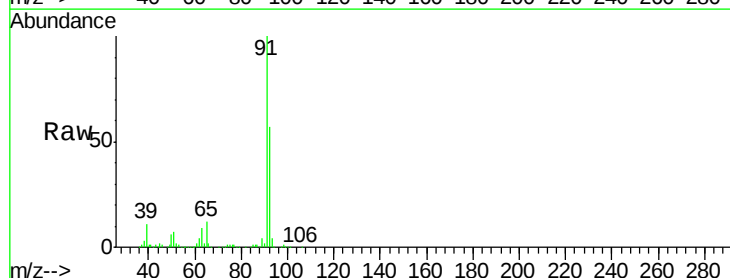
Acq: 28 Apr 2018 11:50

Tgt Ion: 92 Resp: 324112

Ion Ratio Lower Upper

92 100

91 174.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

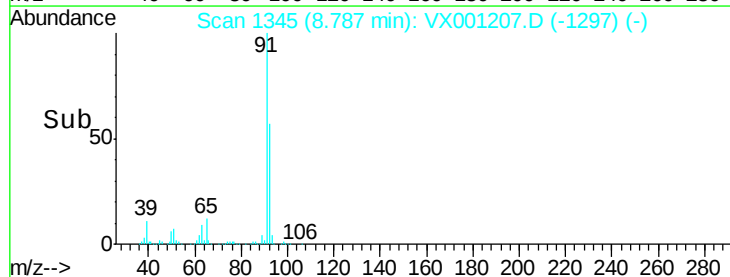
300000

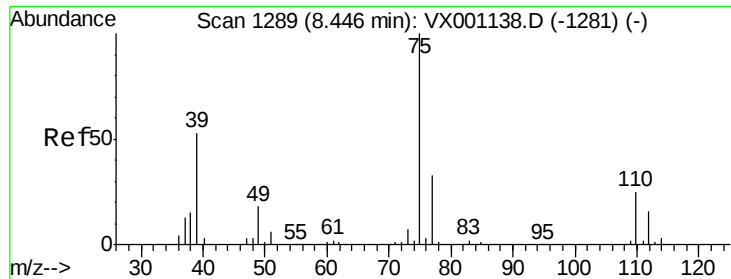
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.90 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

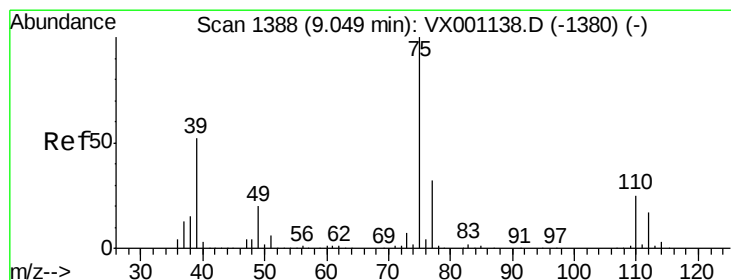
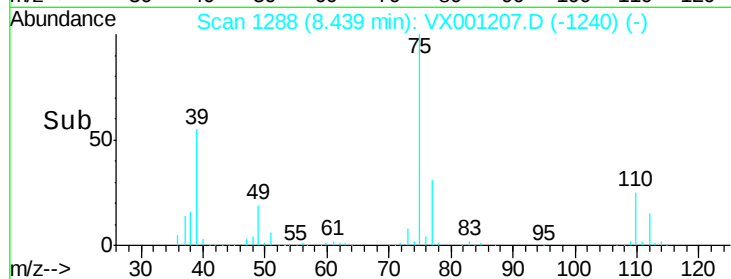
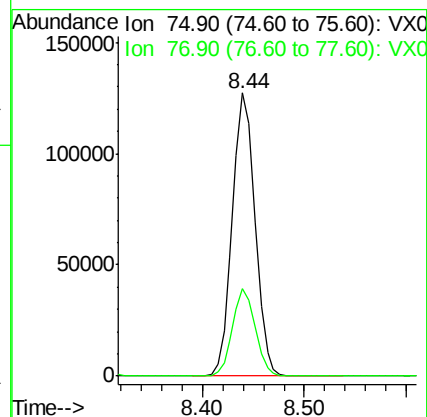
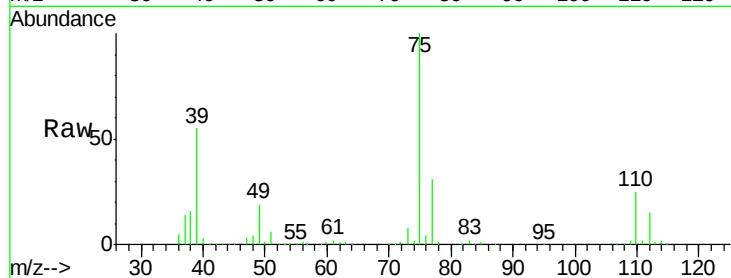
VSTDCCC050

Tgt Ion: 75 Resp: 196142

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 48.97 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

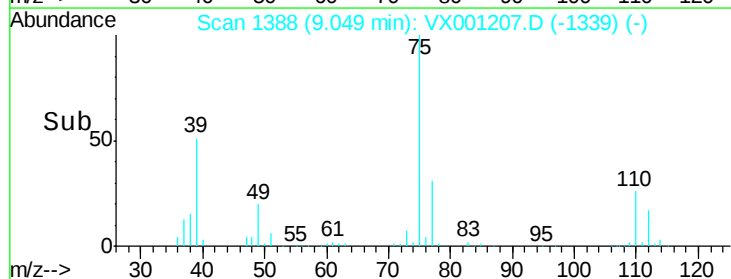
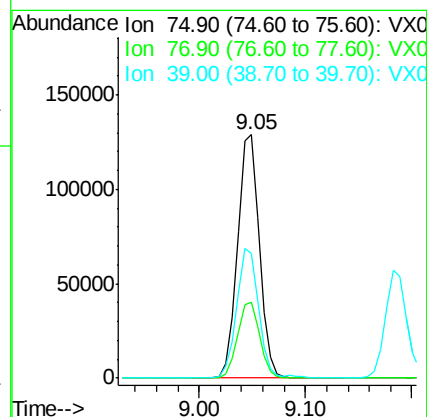
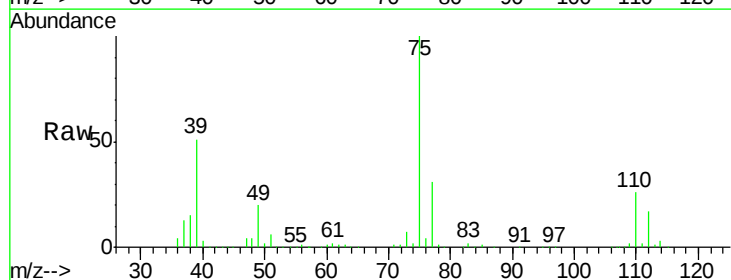
Tgt Ion: 75 Resp: 186271

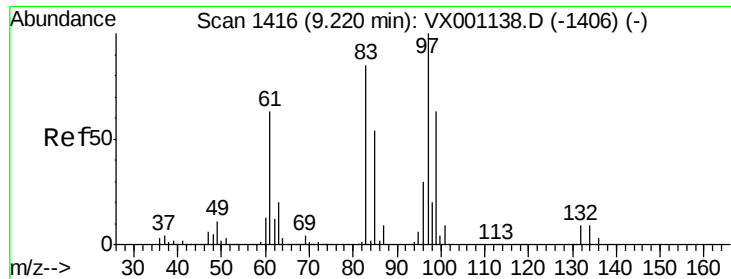
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 51.0 42.0 63.0

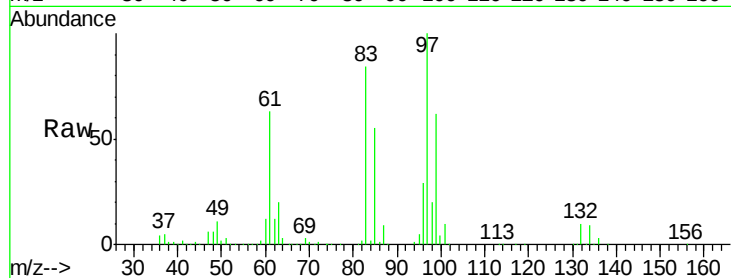




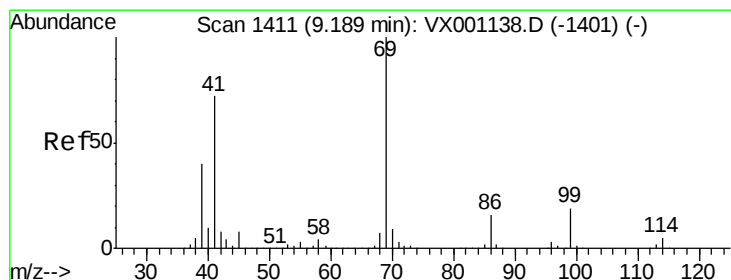
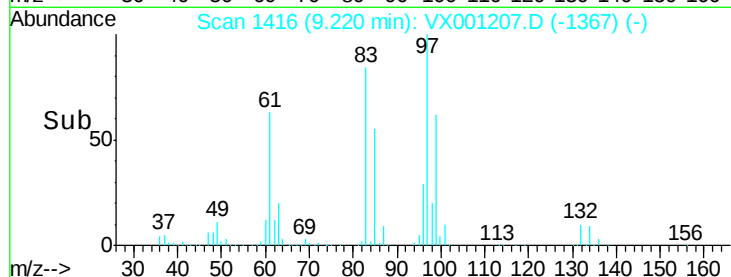
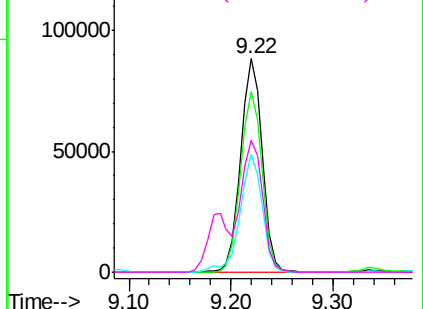
#55
 1,1,2-Trichloroethane
 Concen: 50.86 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	128345
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.0	102.0
85	55.4	42.9	64.3
99	61.6	50.3	75.5

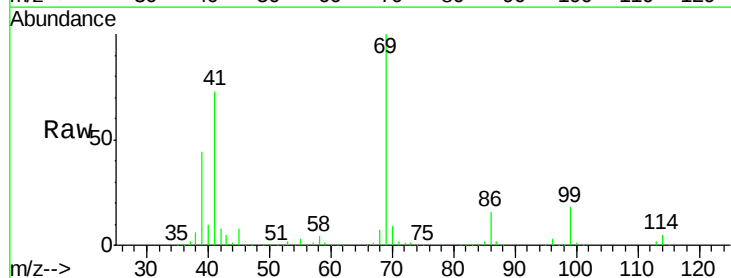


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

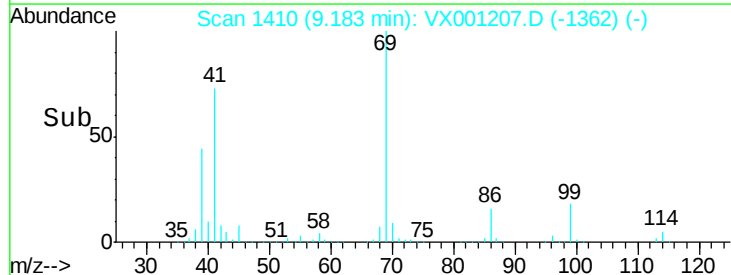
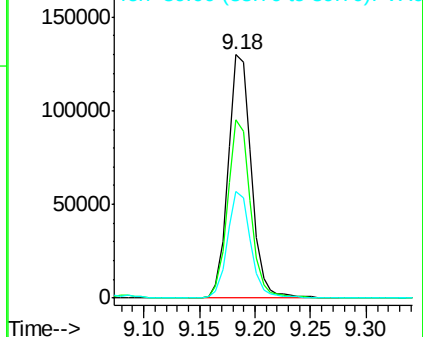


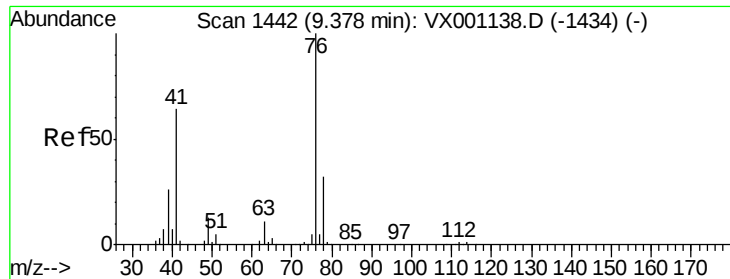
#56
 Ethyl methacrylate
 Concen: 50.09 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion:	69	Resp:	187253
Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.7	86.5
39	43.5	33.3	49.9



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: 51.23 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

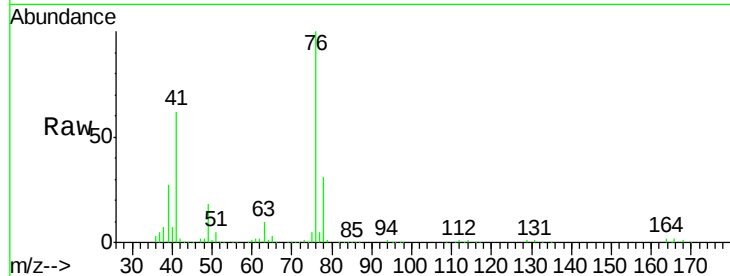
VSTDCCC050

Tgt Ion: 76 Resp: 209112

Ion Ratio Lower Upper

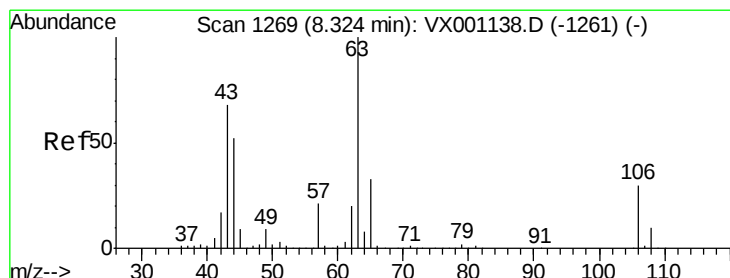
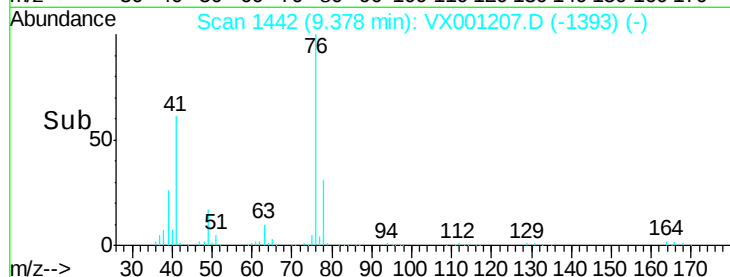
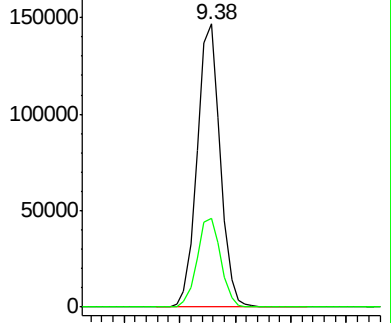
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 172.68 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001207.D

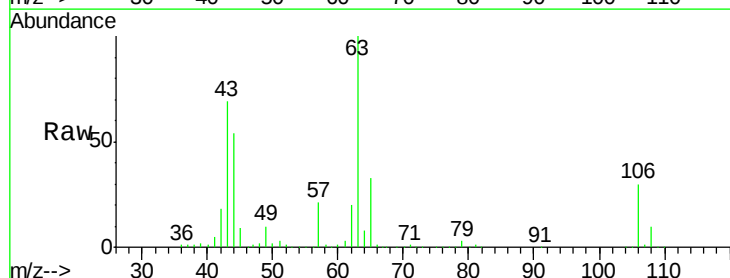
Acq: 28 Apr 2018 11:50

Tgt Ion: 63 Resp: 305198

Ion Ratio Lower Upper

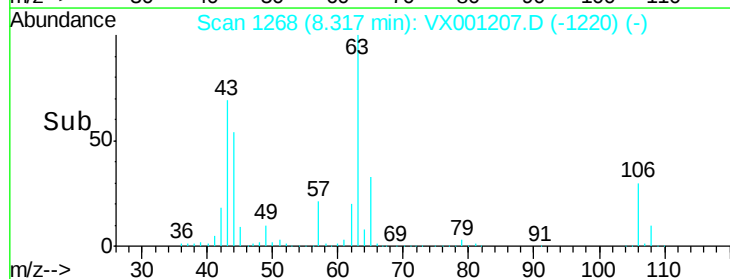
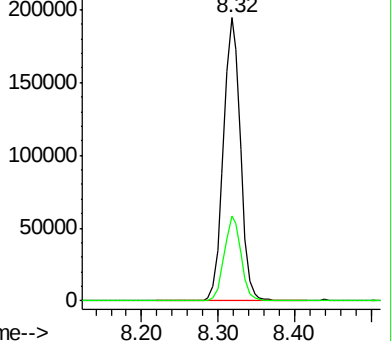
63 100

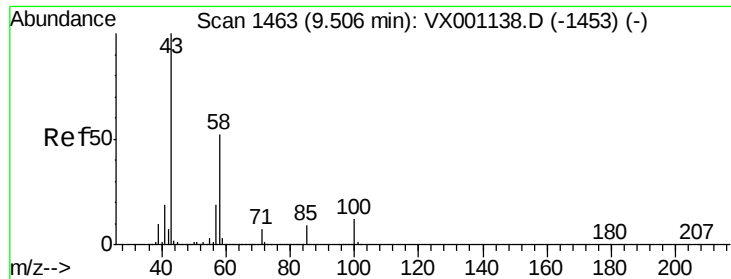
106 29.4 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

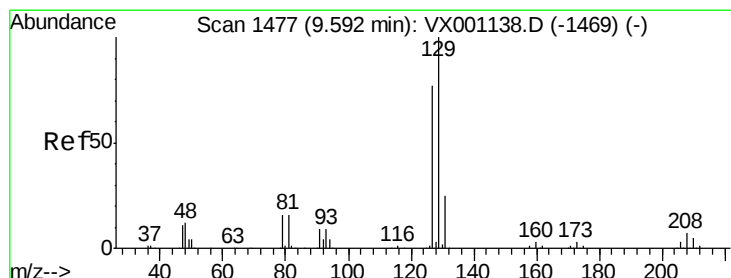
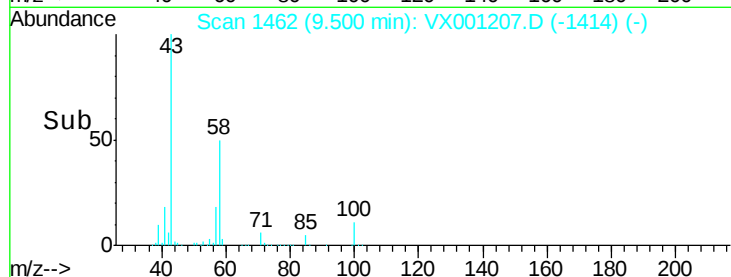
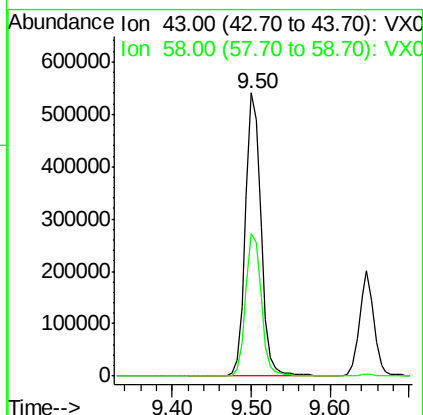
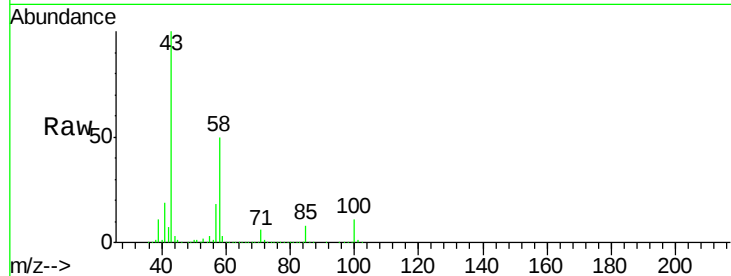




#59
2-Hexanone
Concen: 242.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

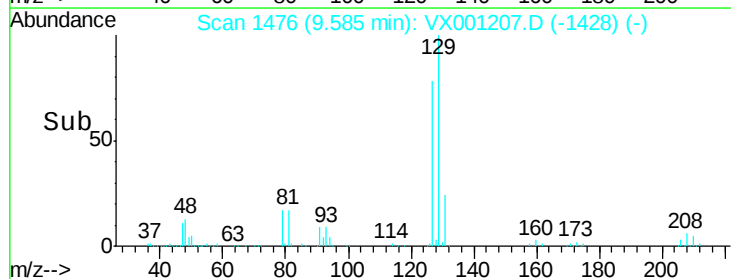
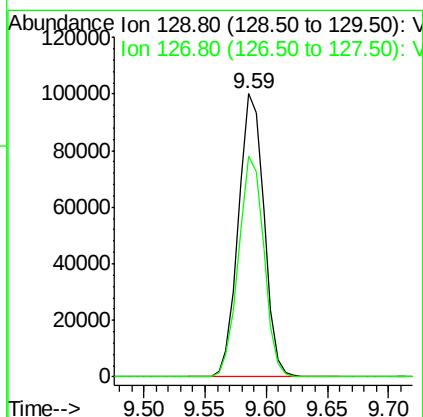
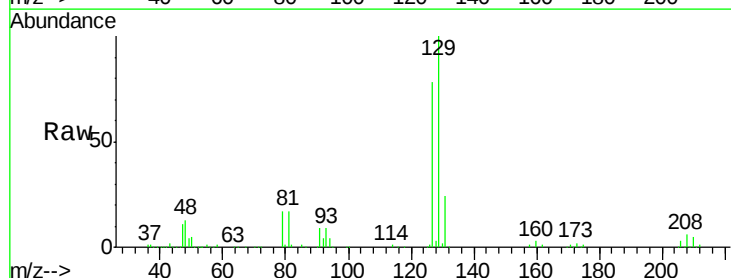
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

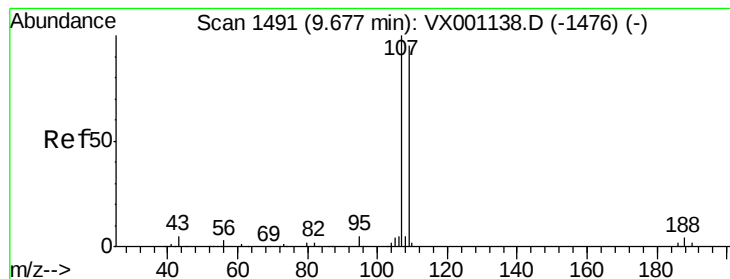
Tgt Ion: 43 Resp: 741223
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.4



#60
Dibromochloromethane
Concen: 49.19 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 129 Resp: 144829
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

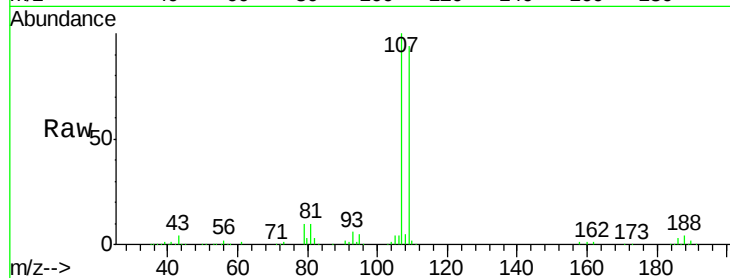
VSTDCCC050

Tgt Ion: 107 Resp: 138976

Ion Ratio Lower Upper

107 100

109 94.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

60000

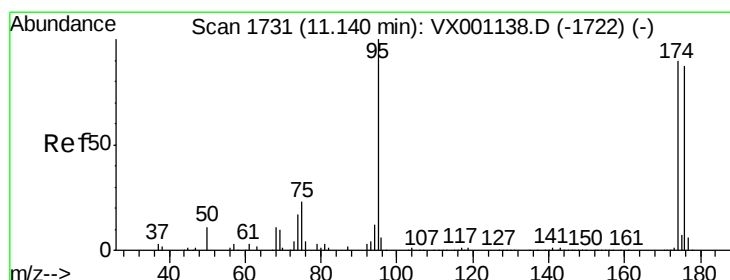
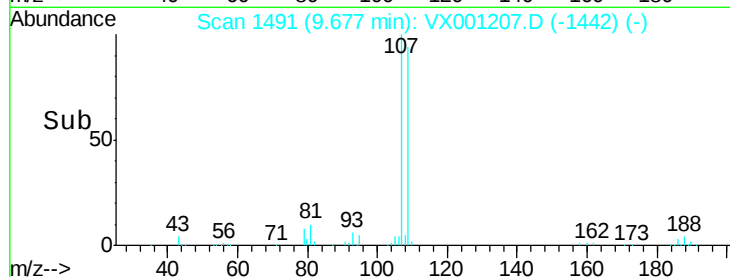
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 54.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

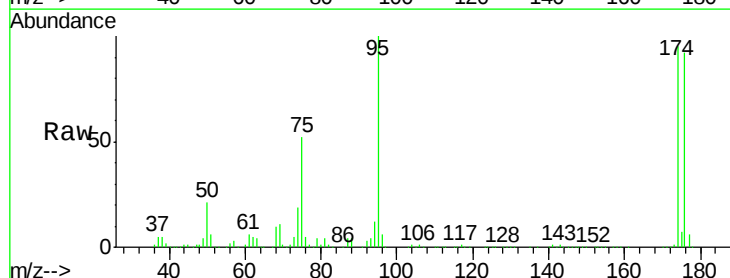
Tgt Ion: 95 Resp: 189217

Ion Ratio Lower Upper

95 100

174 100.5 0.0 194.4

176 97.7 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

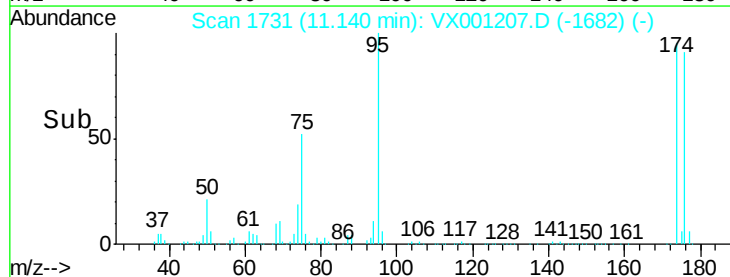
100000

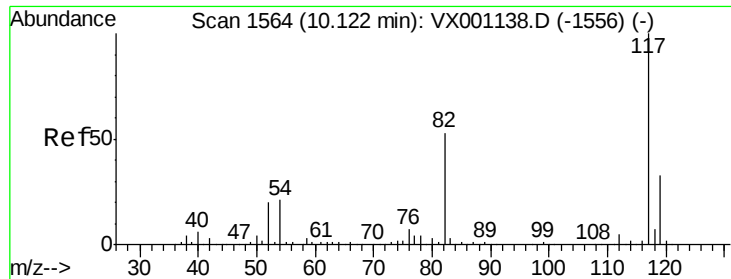
50000

0

Time-->

11.10 11.20

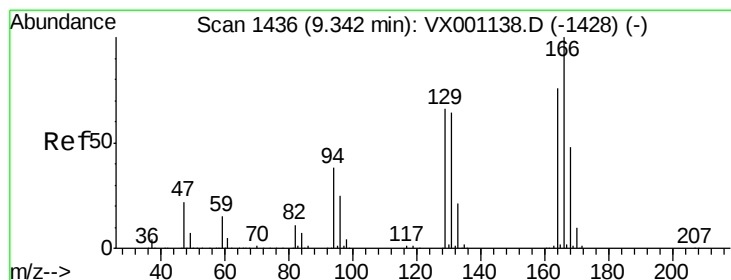
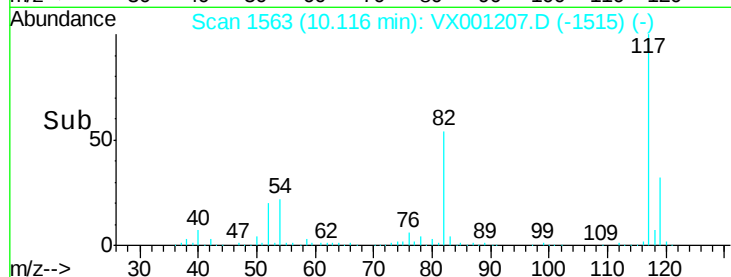
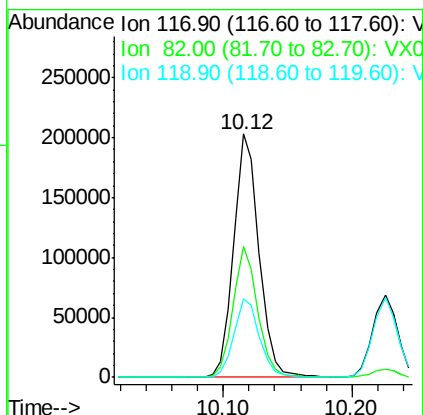
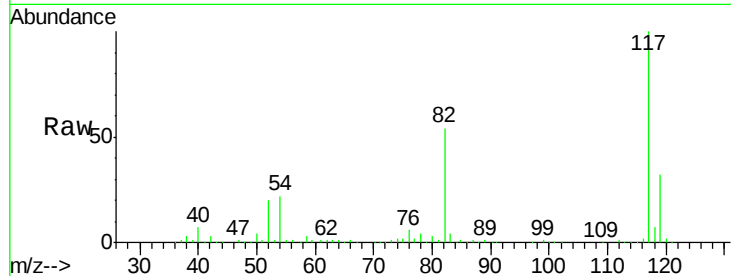




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

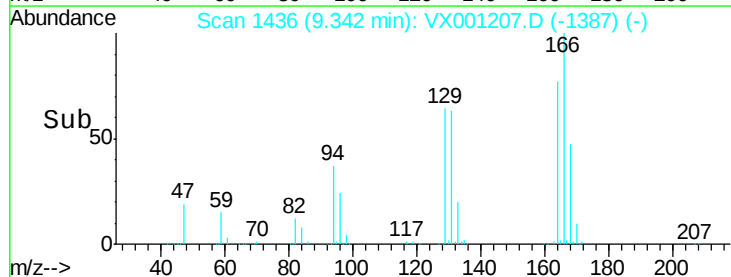
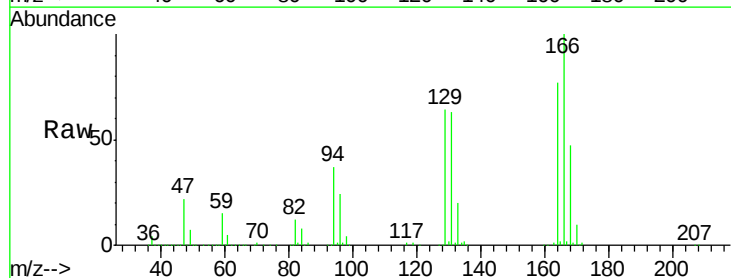
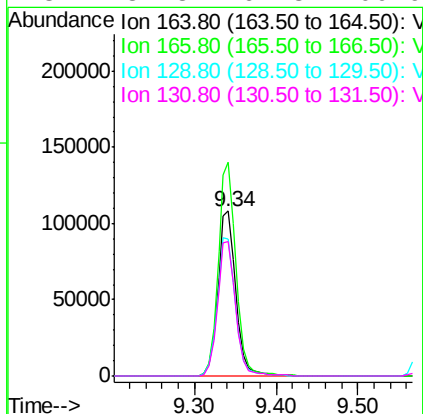
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

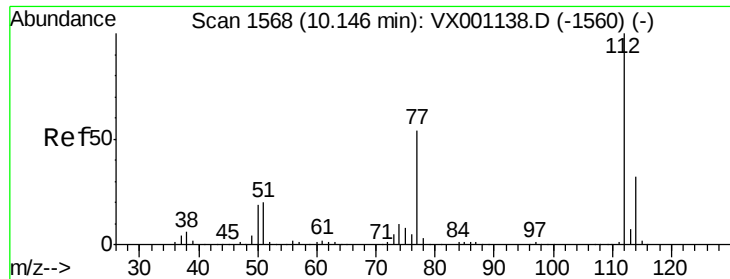
Tgt Ion:117 Resp: 279291
Ion Ratio Lower Upper
117 100
82 54.0 42.1 63.1
119 32.0 26.1 39.1



#64
Tetrachloroethene
Concen: 55.93 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion:164 Resp: 166741
Ion Ratio Lower Upper
164 100
166 129.7 105.0 157.6
129 83.5 69.4 104.2
131 81.8 67.3 100.9

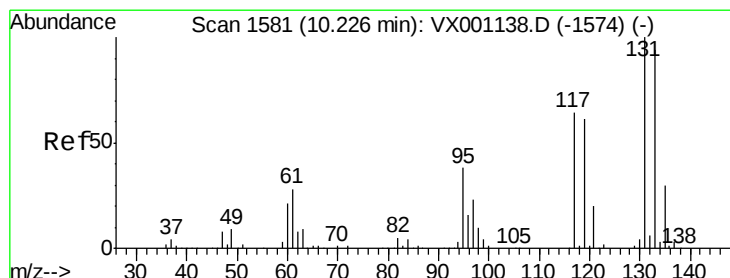
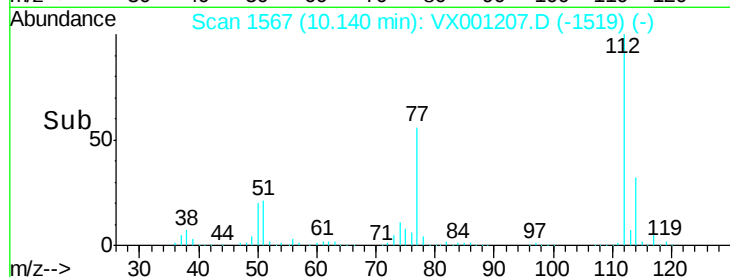
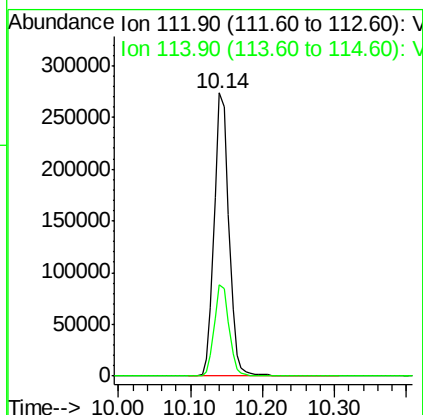
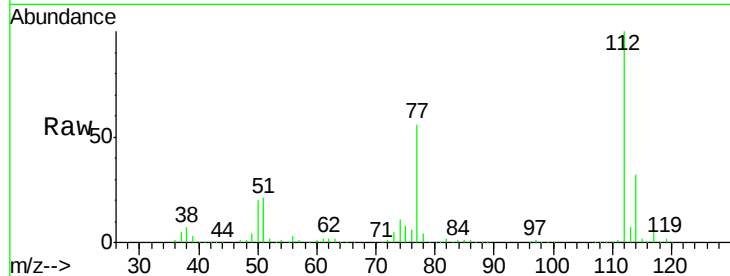




#65
Chlorobenzene
Concen: 52.85 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

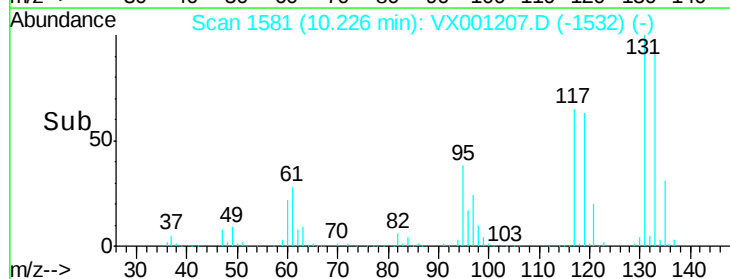
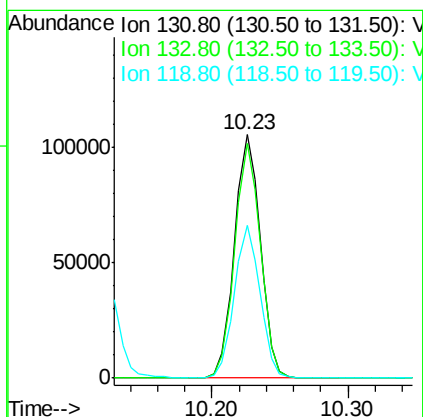
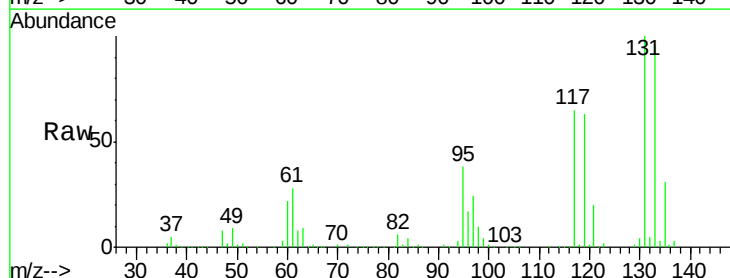
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

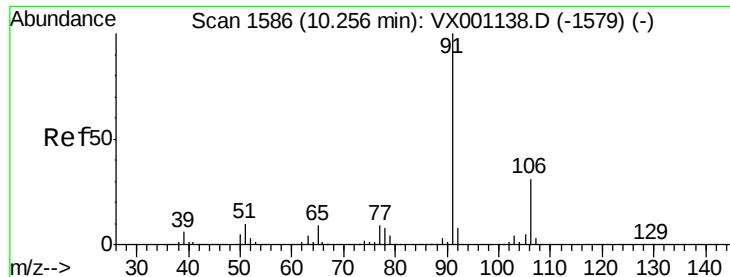
Tgt Ion:112 Resp: 386732
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.47 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion:131 Resp: 140442
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 62.3 31.3 93.8

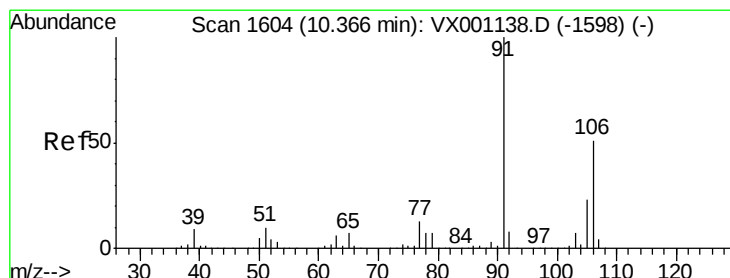
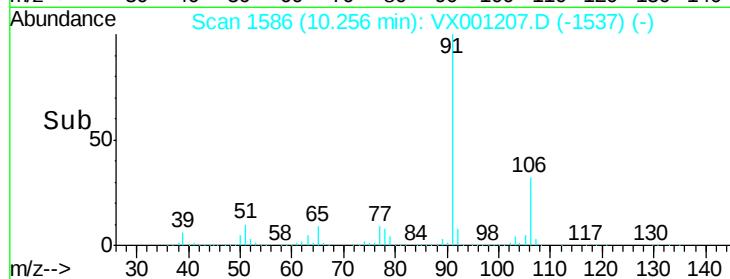
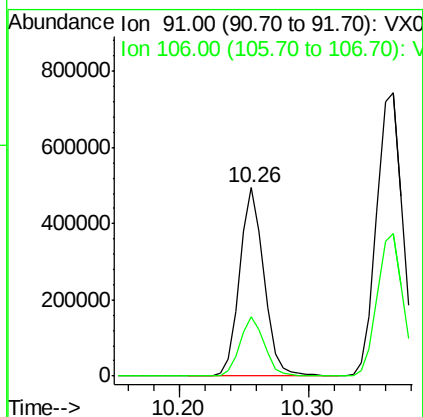
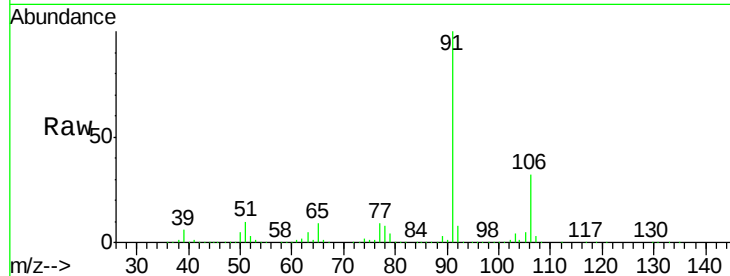




#67
Ethyl Benzene
Concen: 54.53 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

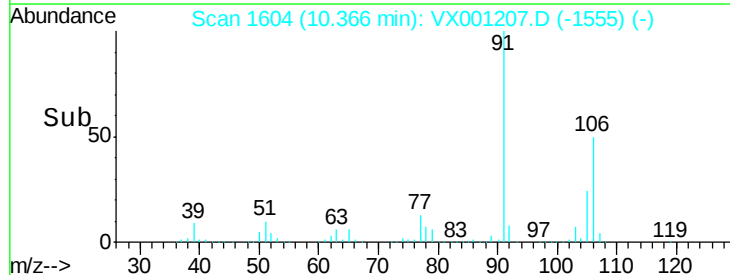
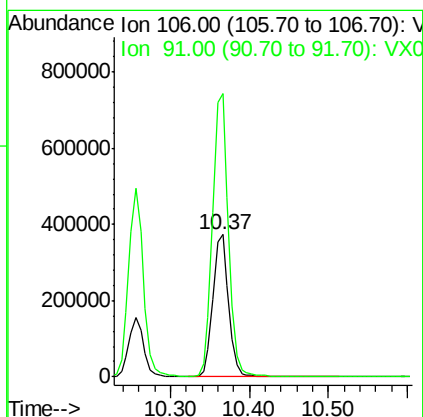
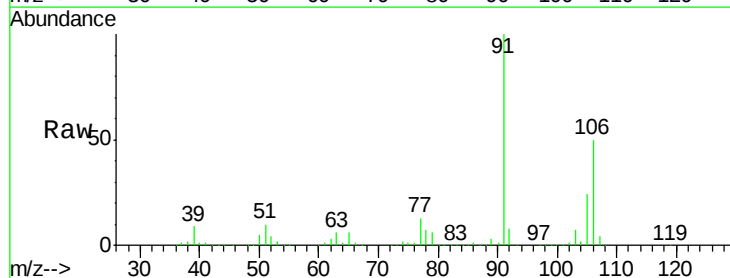
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

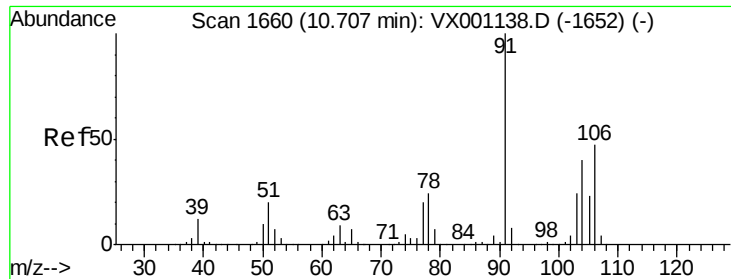
Tgt Ion: 91 Resp: 648292
Ion Ratio Lower Upper
91 100
106 31.7 24.8 37.2



#68
m/p-Xylenes
Concen: 110.74 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 106 Resp: 520498
Ion Ratio Lower Upper
106 100
91 201.2 160.9 241.3

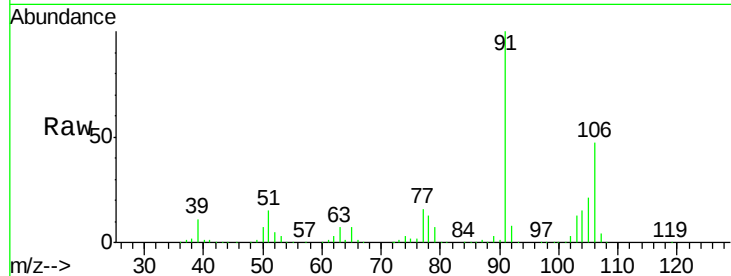




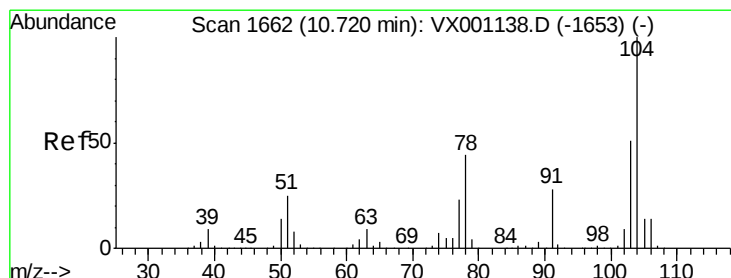
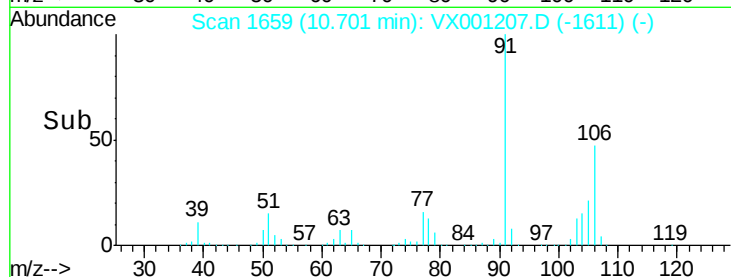
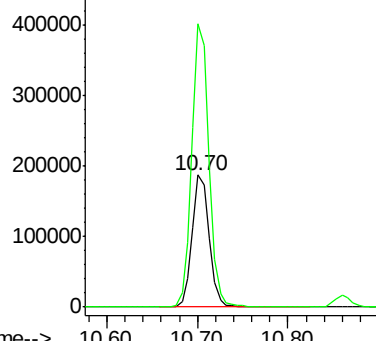
#69
o-Xylene
Concen: 54.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 247124
Ion Ratio Lower Upper
106 100
91 213.8 106.2 318.5

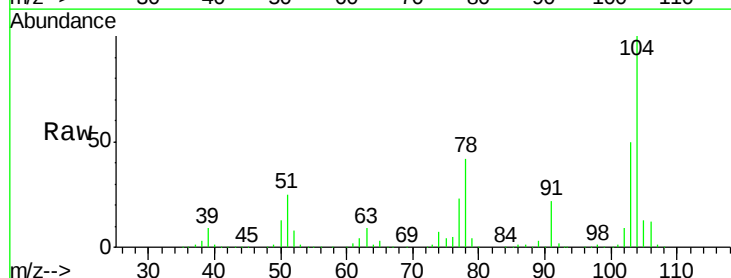


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

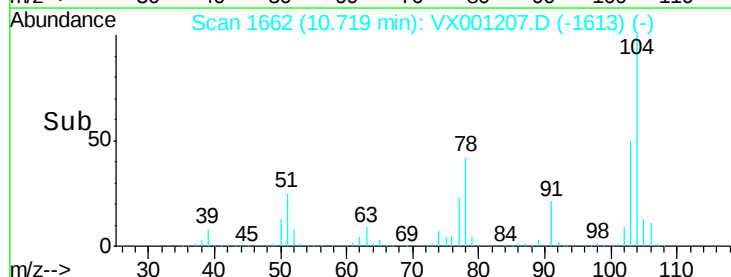
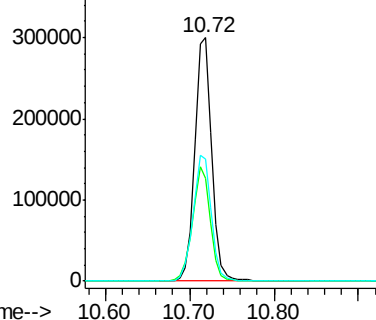


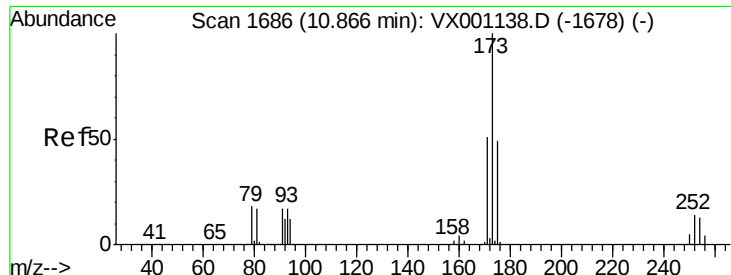
#70
Styrene
Concen: 55.03 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion:104 Resp: 417509
Ion Ratio Lower Upper
104 100
78 49.7 40.3 60.5
103 55.8 44.3 66.5



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

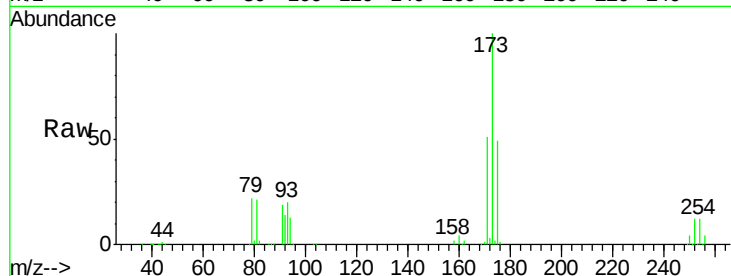




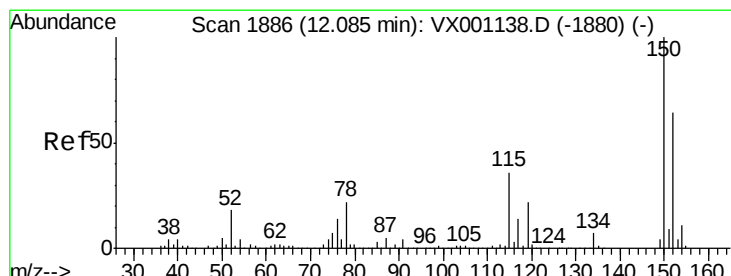
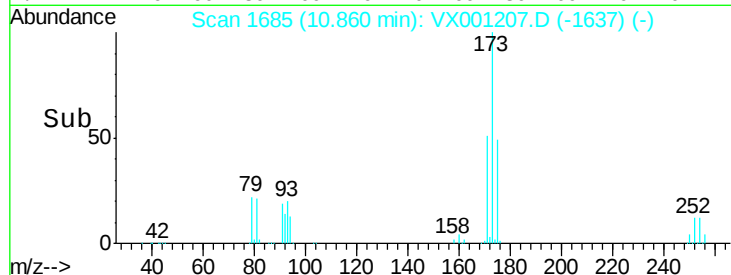
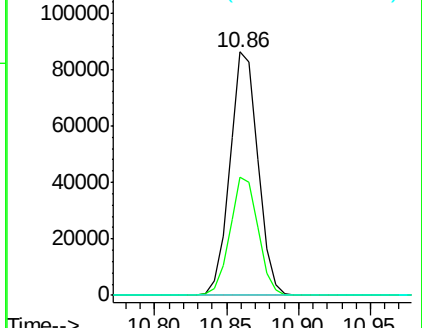
#71
Bromoform
Concen: 44.80 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 117777
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.2 0.2 0.2

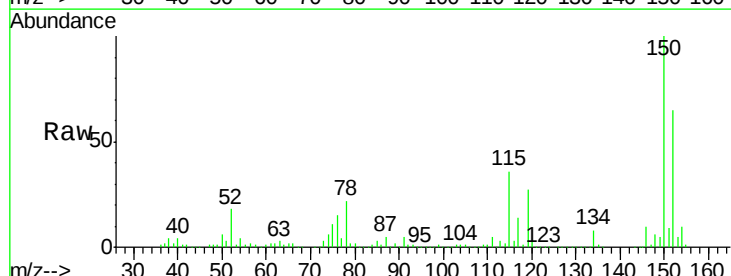


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

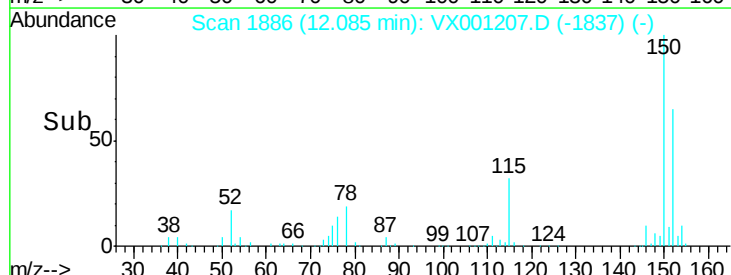
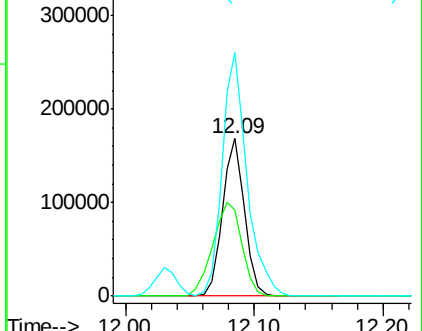


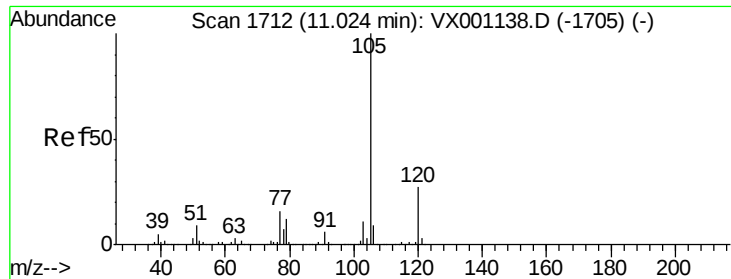
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion:152 Resp: 202009
Ion Ratio Lower Upper
152 100
115 78.8 38.0 114.0
150 174.0 0.0 349.6



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: 51.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

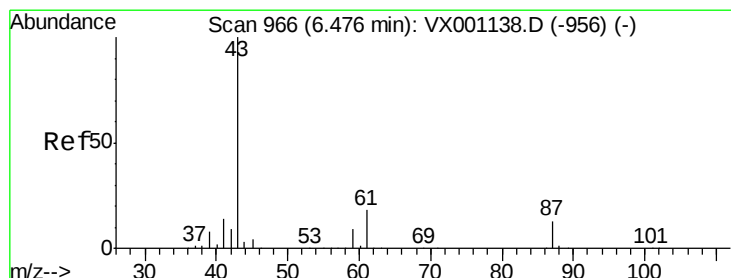
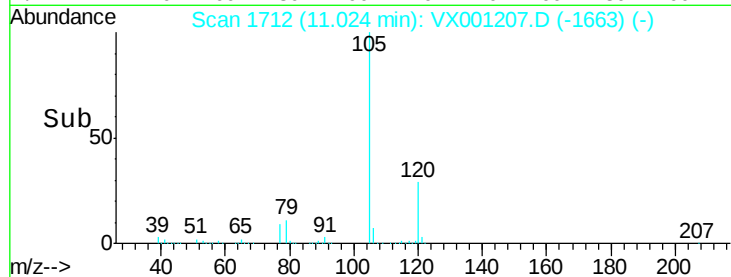
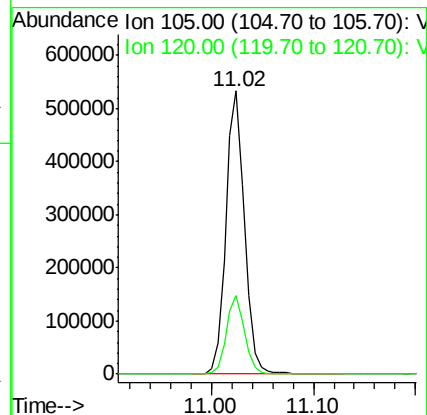
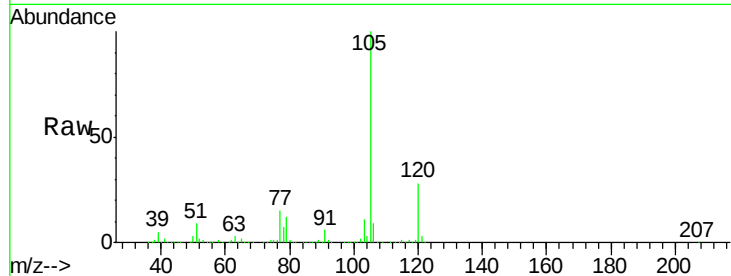
VSTDCCC050

Tgt Ion: 105 Resp: 676153

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 41.42 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion: 43 Resp: 274802

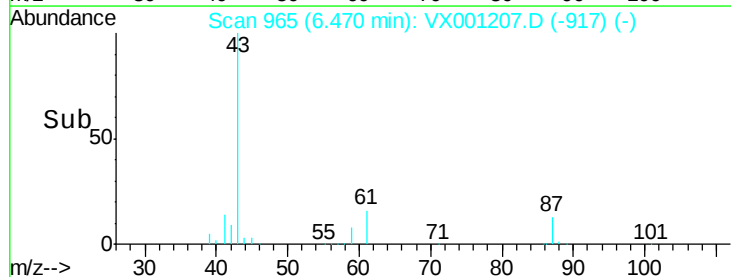
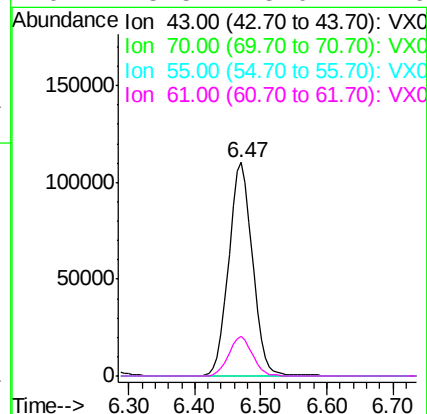
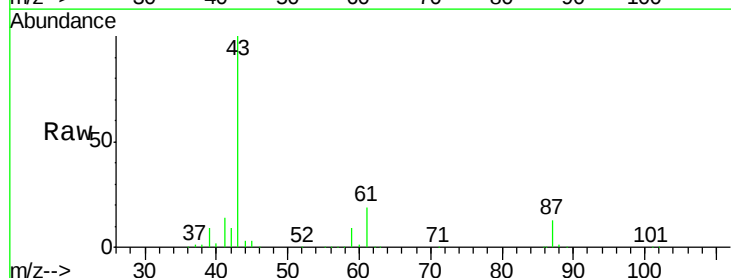
Ion Ratio Lower Upper

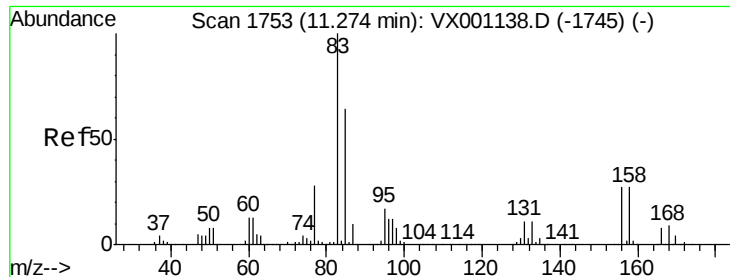
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.5 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.47 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

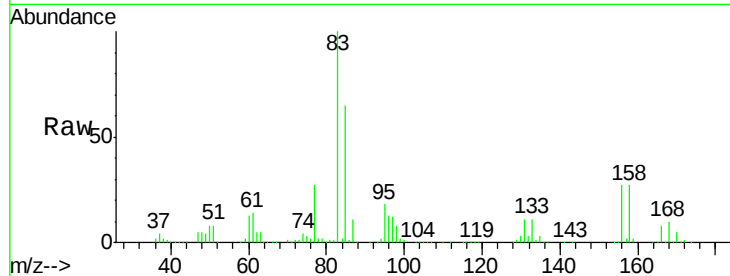
Tgt Ion: 83 Resp: 194274

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

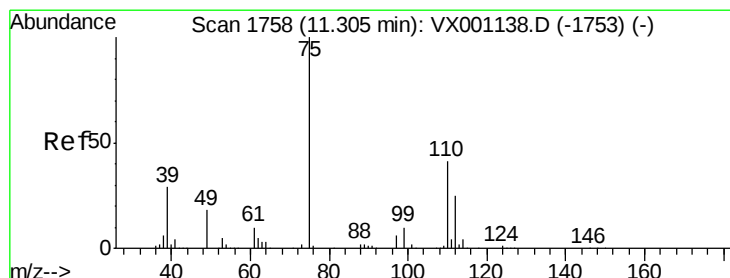
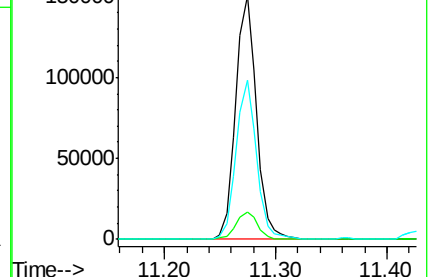
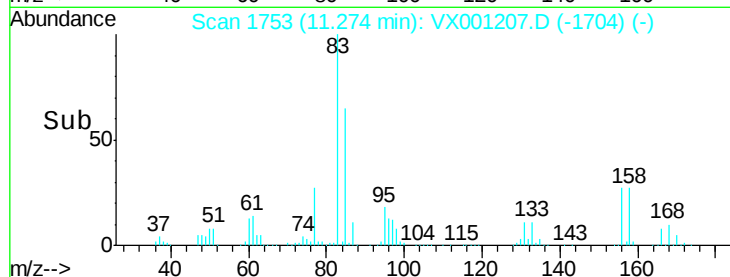
85 64.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.51 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001207.D

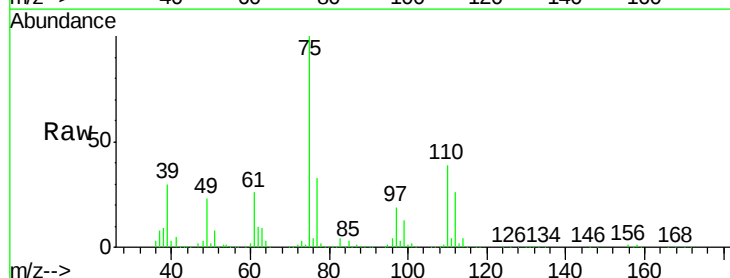
Acq: 28 Apr 2018 11:50

Tgt Ion: 75 Resp: 220128

Ion Ratio Lower Upper

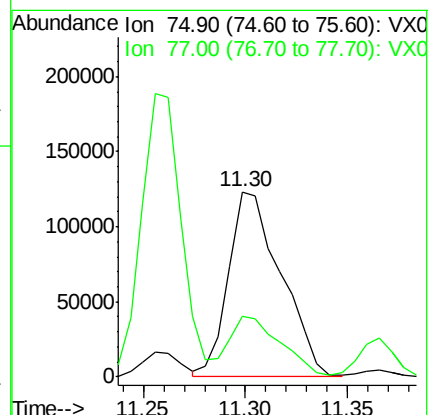
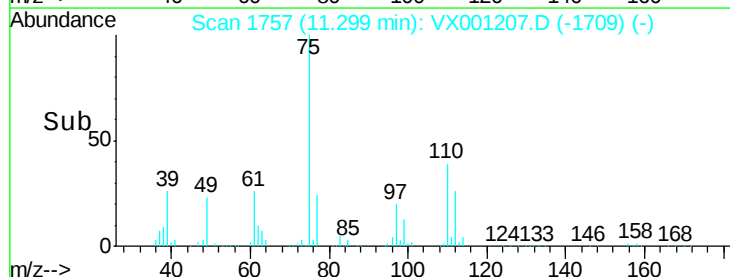
75 100

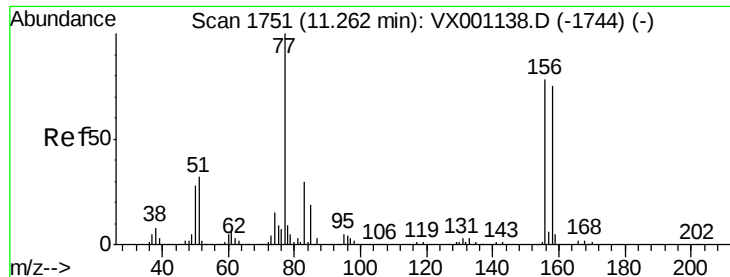
77 31.1 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

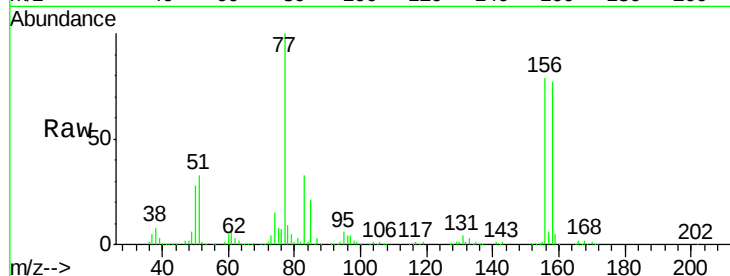
Tgt Ion:156 Resp: 194763

Ion Ratio Lower Upper

156 100

77 130.7 67.8 203.2

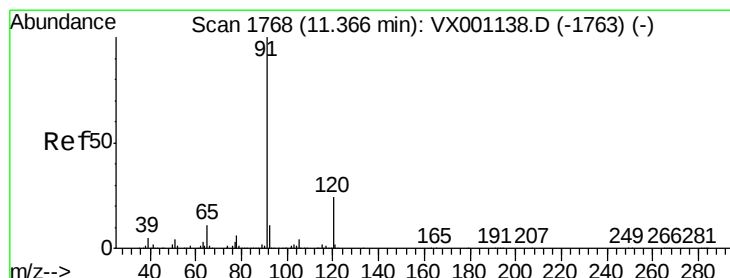
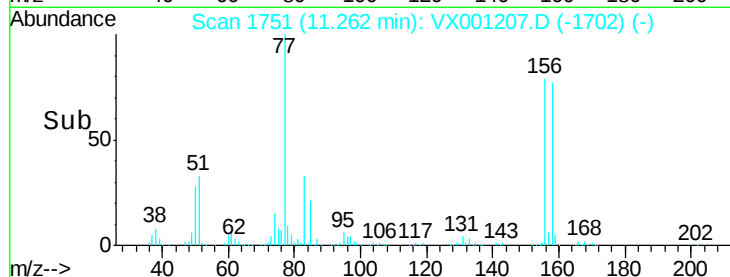
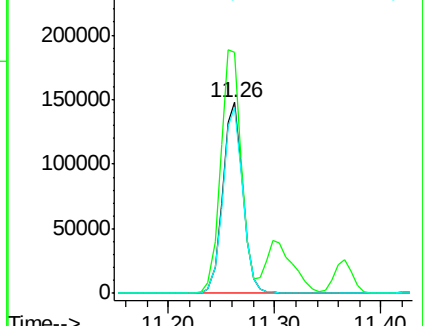
158 97.4 48.9 146.7



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: 53.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001207.D

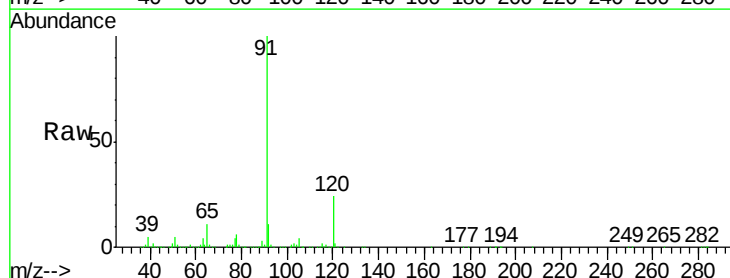
Acq: 28 Apr 2018 11:50

Tgt Ion: 91 Resp: 781126

Ion Ratio Lower Upper

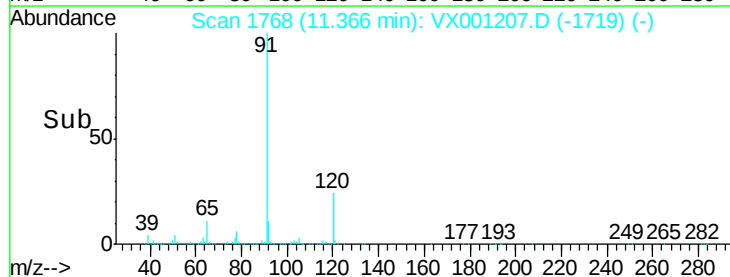
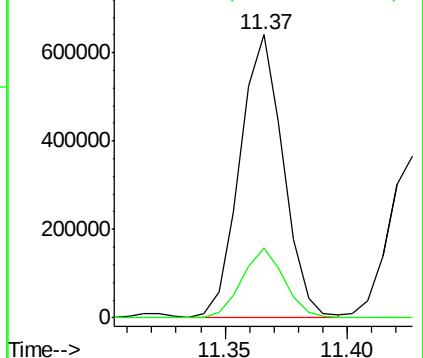
91 100

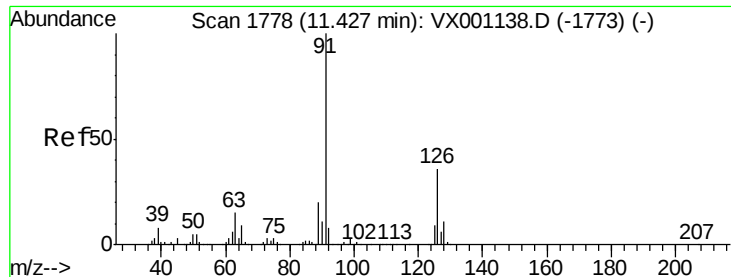
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

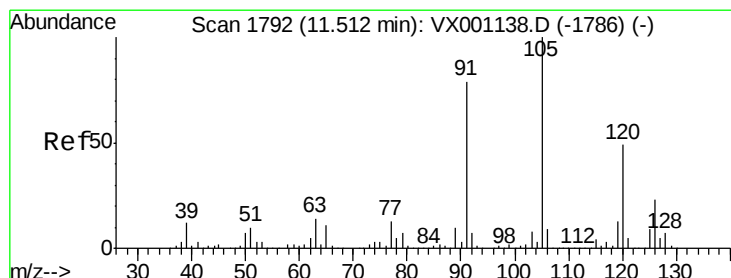
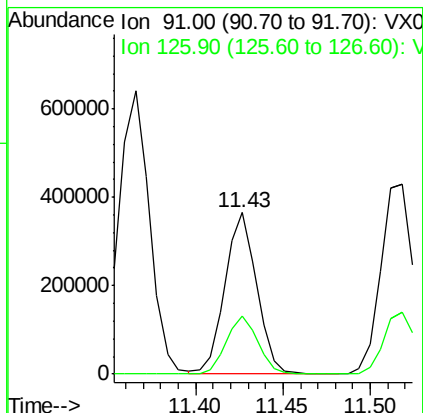
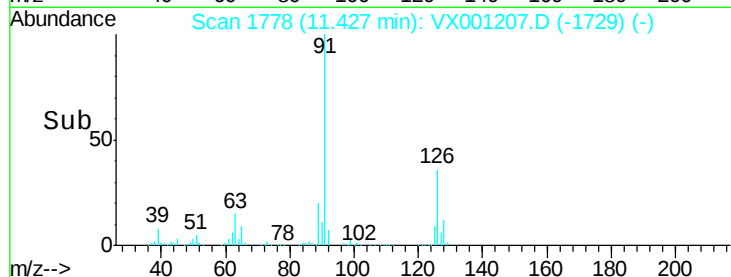
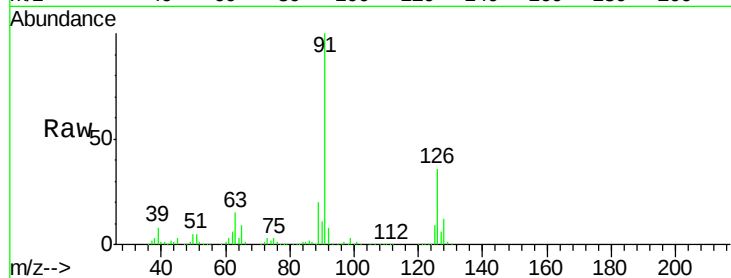
VSTDCCC050

Tgt Ion: 91 Resp: 458817

Ion Ratio Lower Upper

91 100

126 36.3 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 52.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001207.D

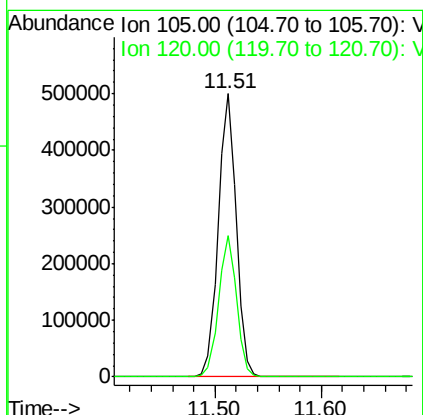
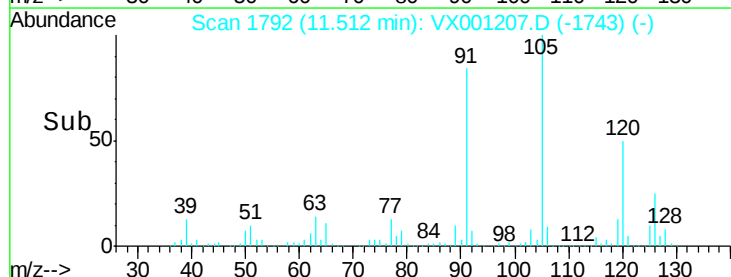
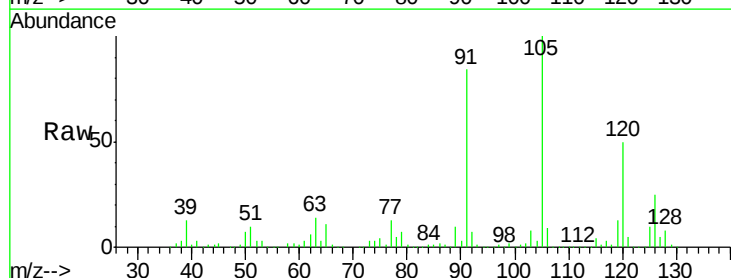
Acq: 28 Apr 2018 11:50

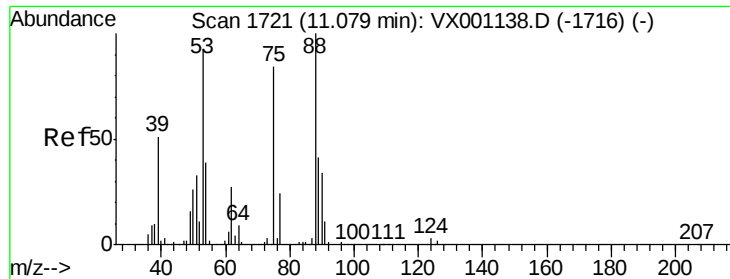
Tgt Ion: 105 Resp: 587089

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0

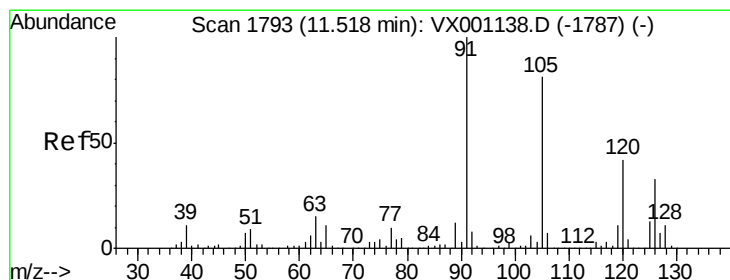
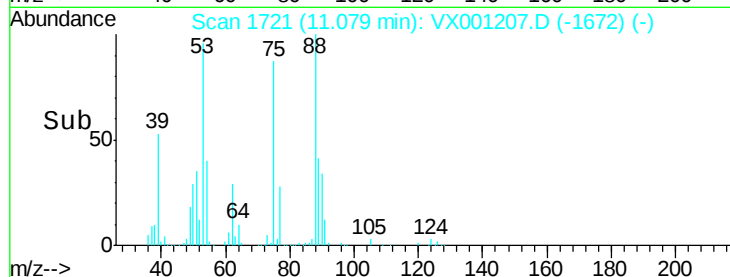
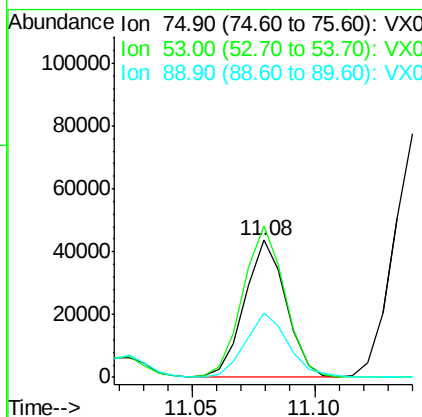
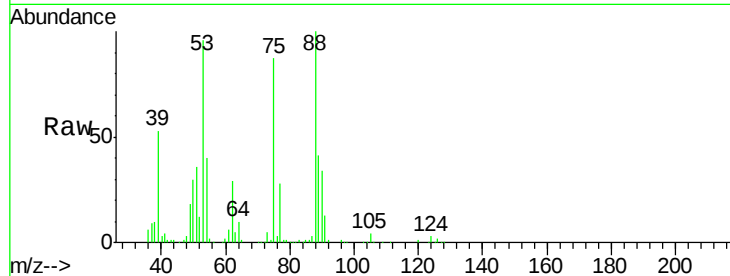




#81
trans-1,4-Dichloro-2-butene
Concen: 40.34 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

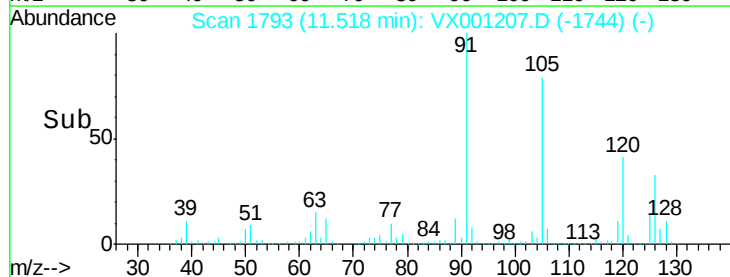
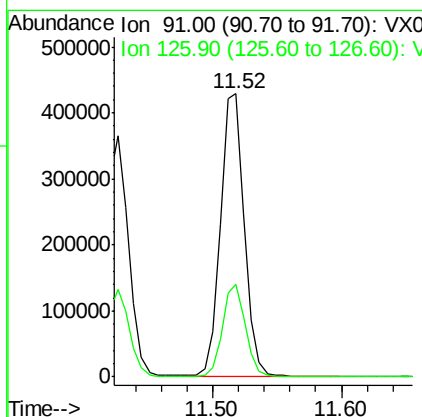
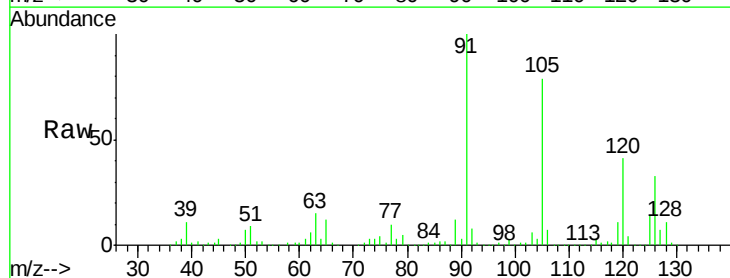
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

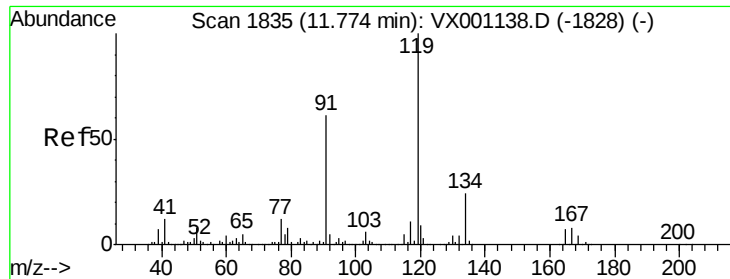
Tgt Ion: 75 Resp: 50747
Ion Ratio Lower Upper
75 100
53 113.7 87.9 131.9
89 49.9 37.7 56.5



#82
4-Chlorotoluene
Concen: 51.80 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 91 Resp: 560375
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4

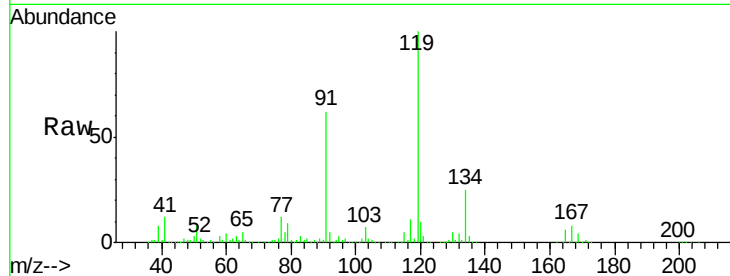




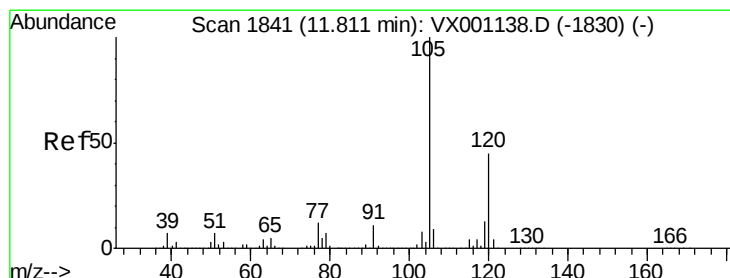
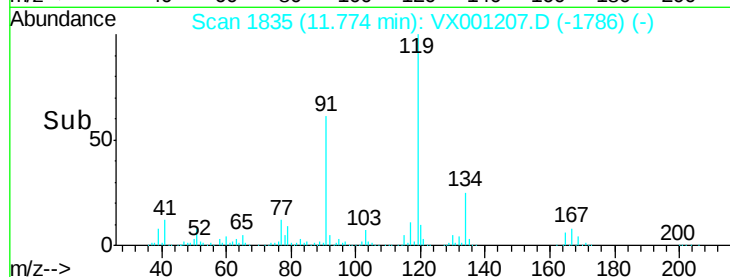
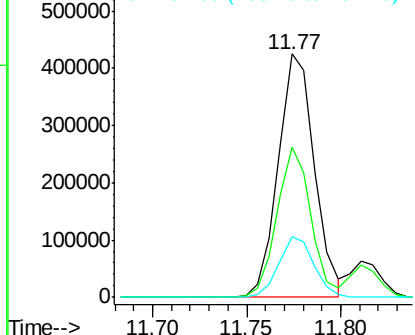
#83
 tert-Butylbenzene
 Concen: 50.89 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 566154
 Ion Ratio Lower Upper
 119 100
 91 57.9 27.6 82.8
 134 24.1 11.5 34.5

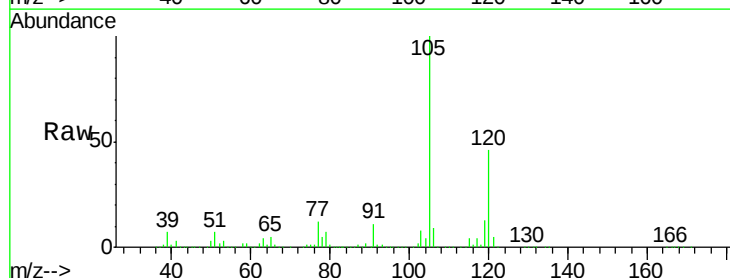


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

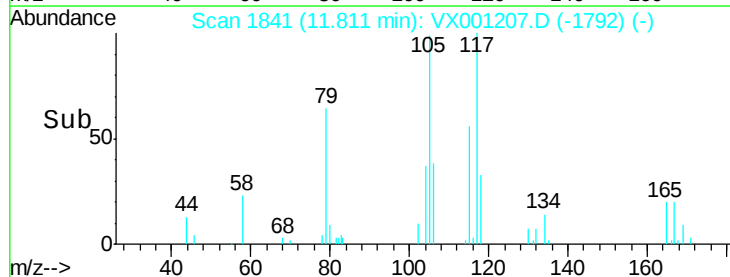
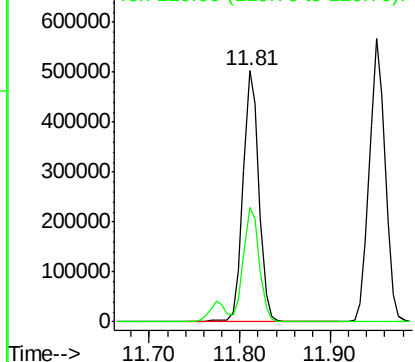


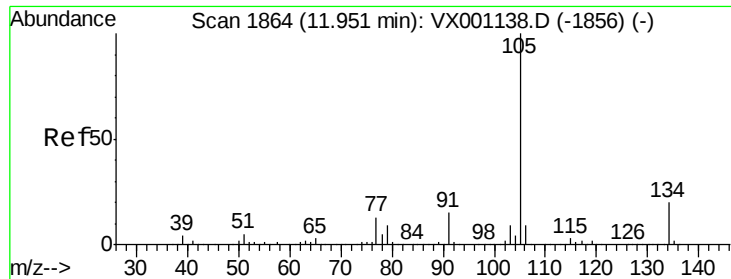
#84
 1,2,4-Trimethylbenzene
 Concen: 52.95 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion:105 Resp: 606758
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3



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

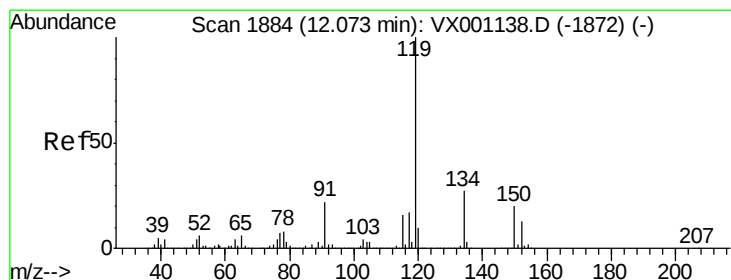
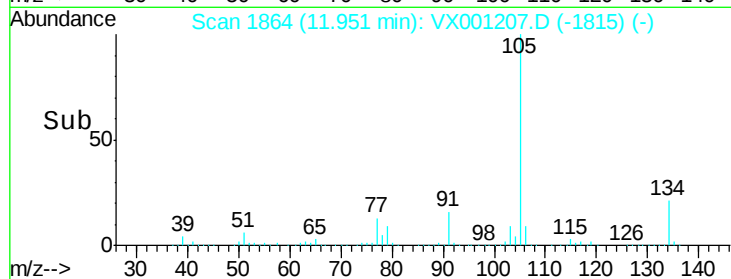
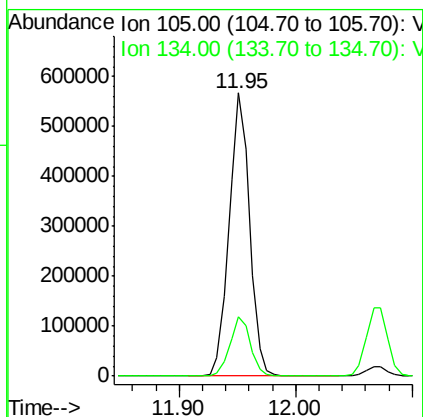
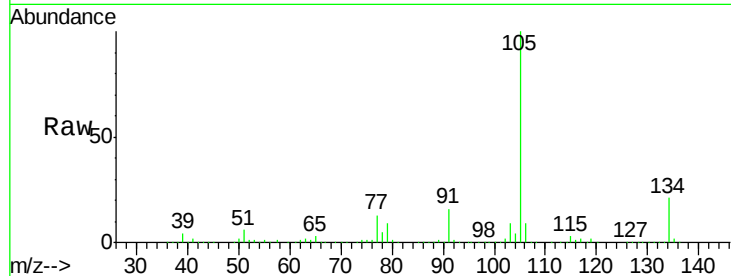




#85
 sec-Butylbenzene
 Concen: 53.20 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

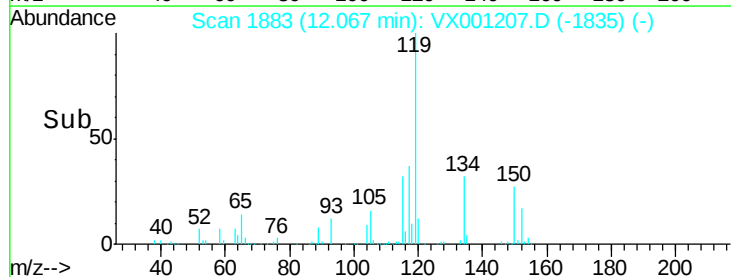
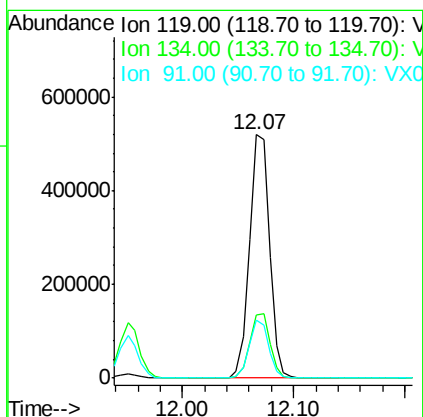
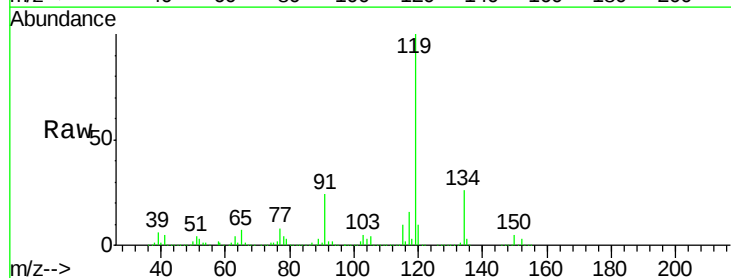
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

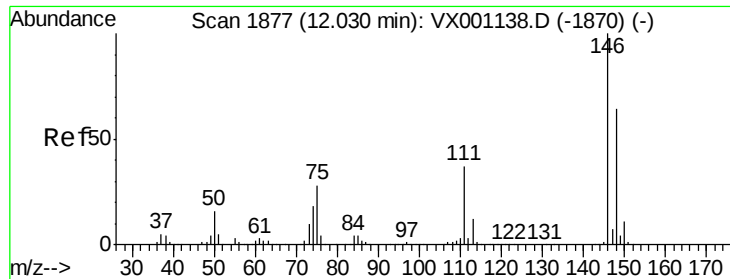
Tgt Ion:105 Resp: 691342
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 53.78 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion:119 Resp: 650165
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.83 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

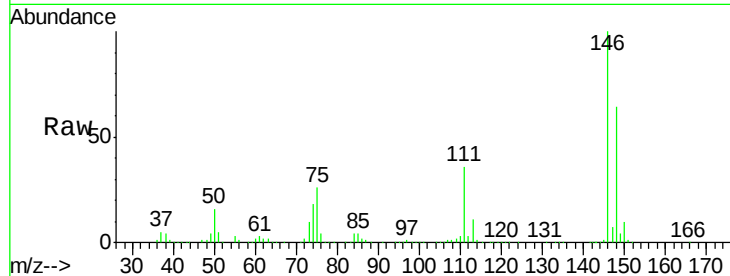
Tgt Ion:146 Resp: 363290

Ion Ratio Lower Upper

146 100

111 36.6 18.6 56.0

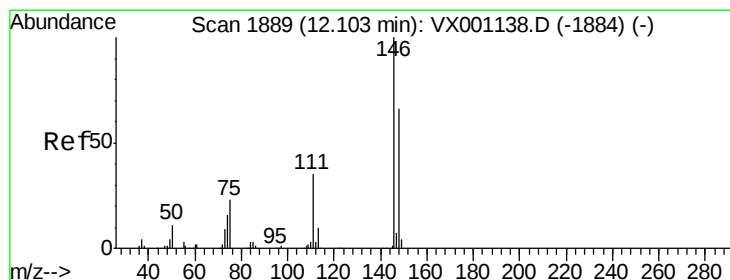
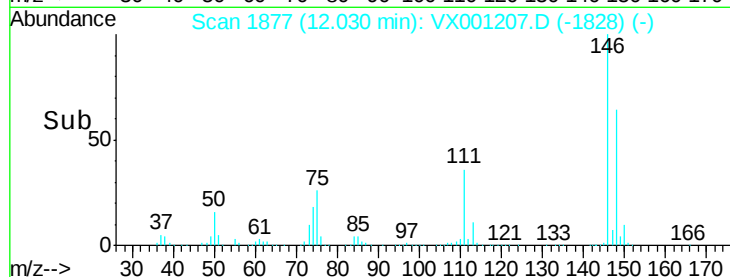
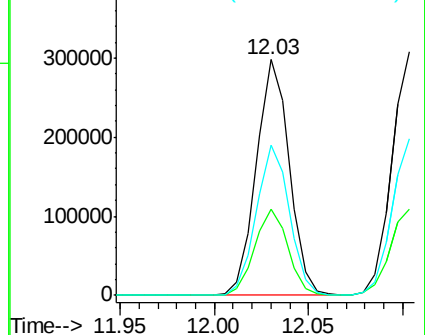
148 64.0 32.3 96.8



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: 51.03 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

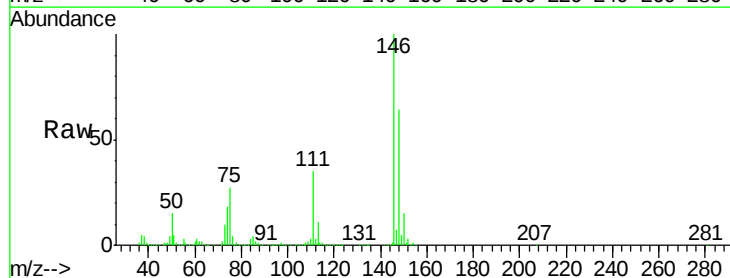
Tgt Ion:146 Resp: 372670

Ion Ratio Lower Upper

146 100

111 35.9 18.0 54.0

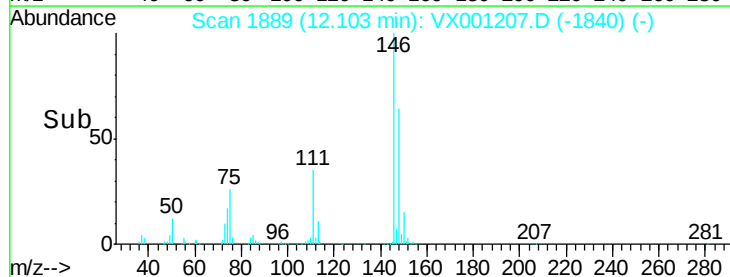
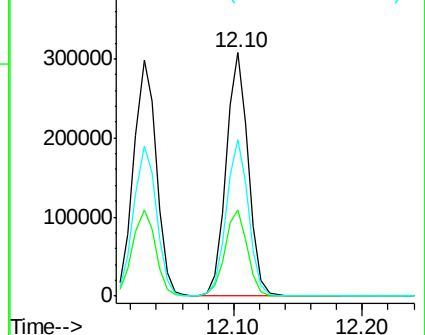
148 64.3 32.5 97.5

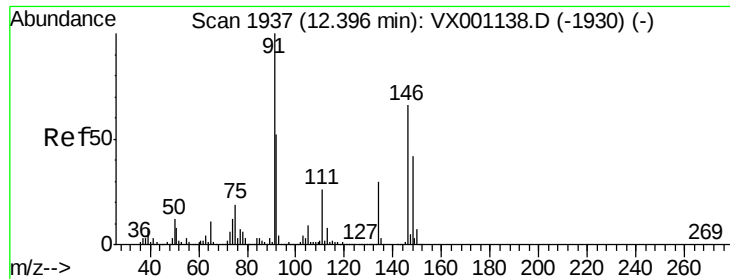


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

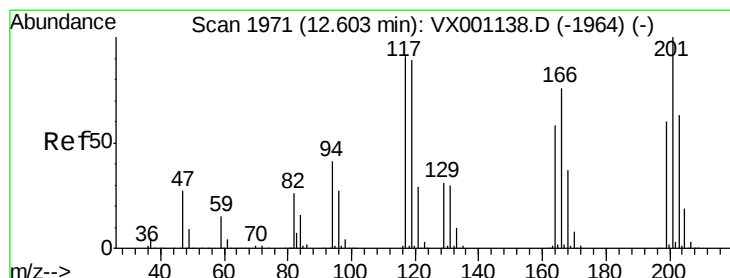
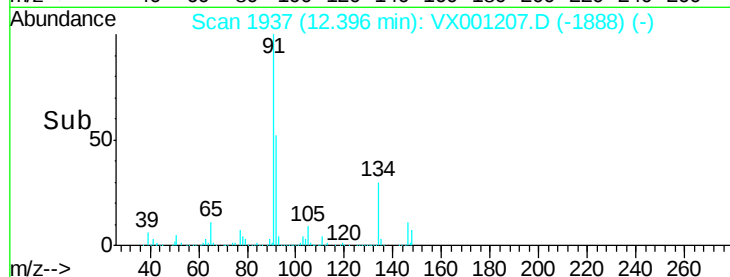
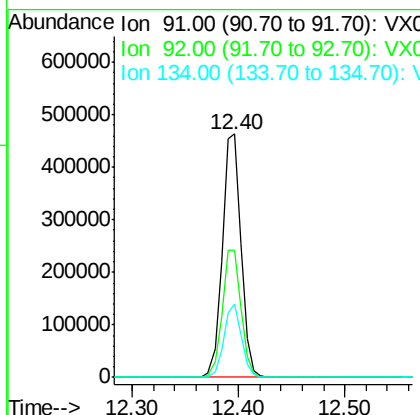
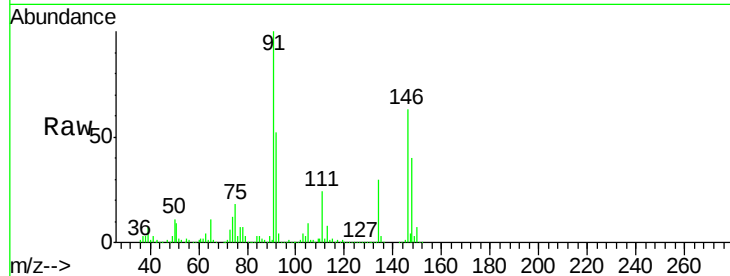




#89
n-Butylbenzene
Concen: 54.26 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

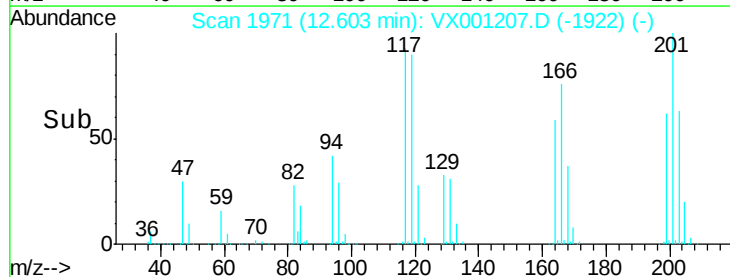
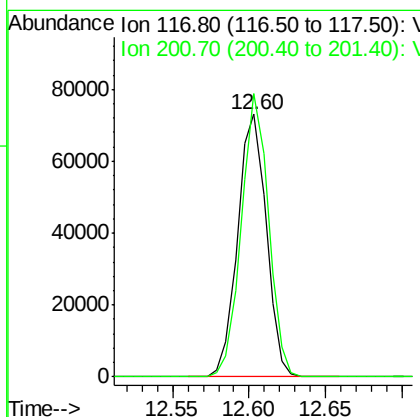
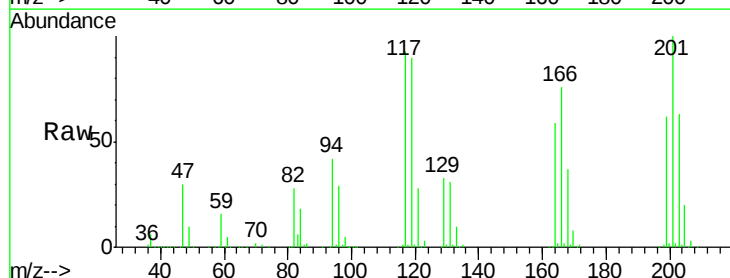
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

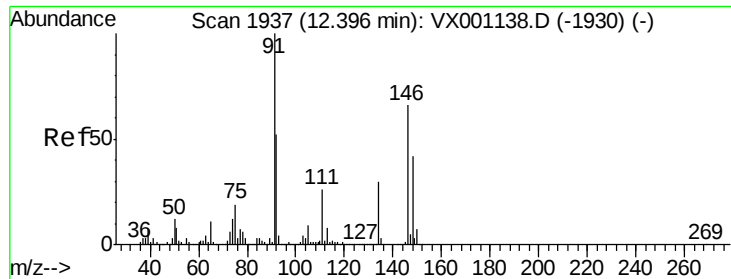
Tgt Ion: 91 Resp: 567774
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.6
134 28.3 14.1 42.3



#90
Hexachloroethane
Concen: 48.59 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 117 Resp: 94599
Ion Ratio Lower Upper
117 100
201 102.5 51.8 155.4





#91

1,2-Dichlorobenzene

Concen: 50.81 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

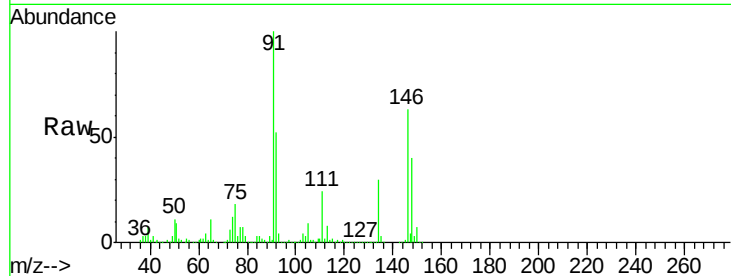
Tgt Ion:146 Resp: 359986

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.3

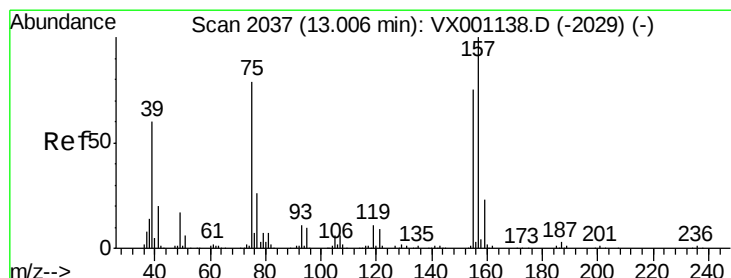
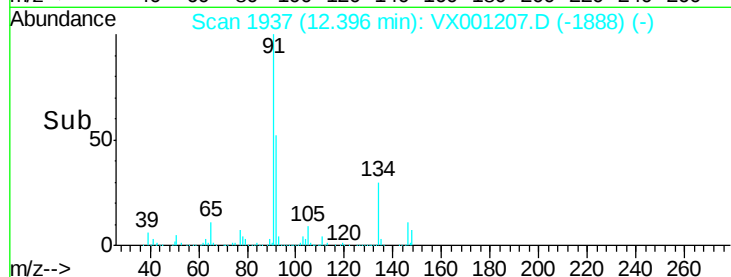
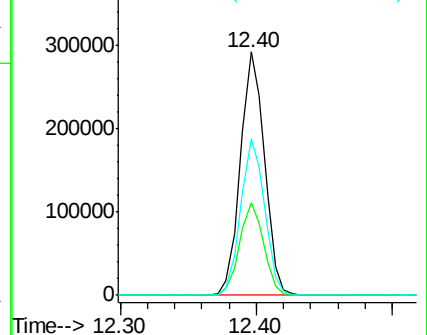
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.54 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

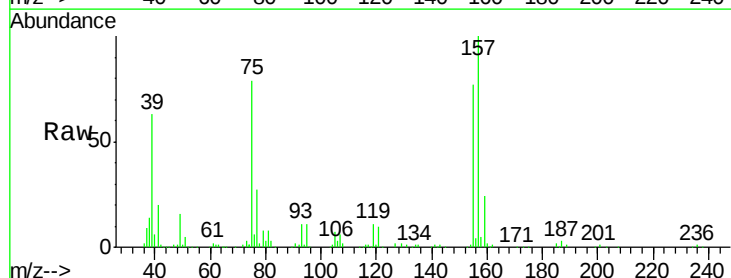
Tgt Ion: 75 Resp: 41977

Ion Ratio Lower Upper

75 100

155 98.2 48.4 145.3

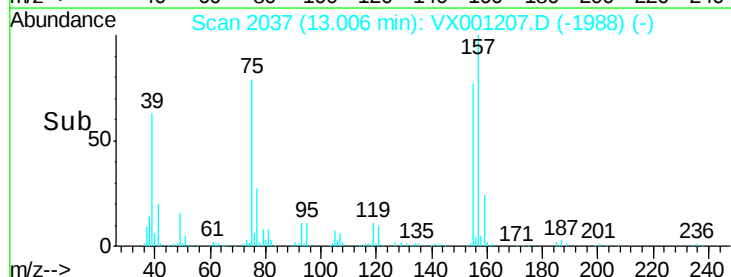
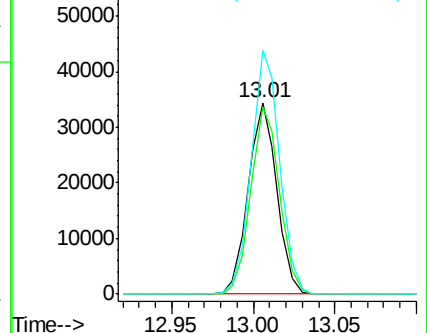
157 127.4 62.7 188.1

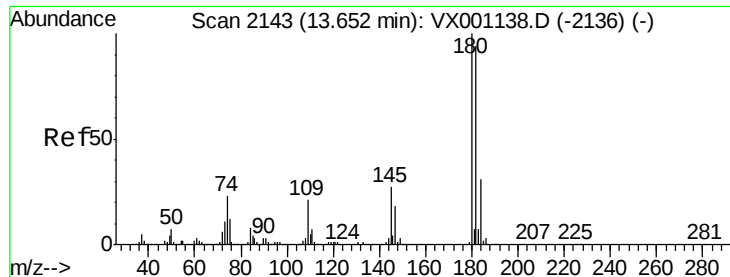


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 50.69 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

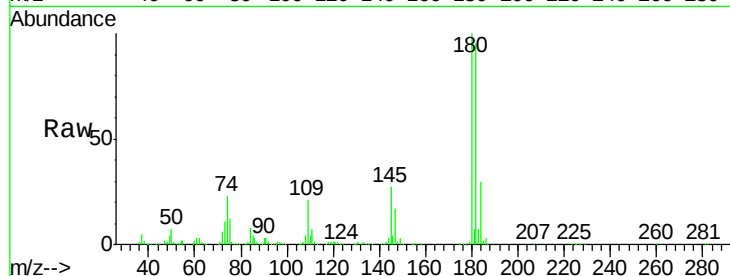
Tgt Ion:180 Resp: 281555

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

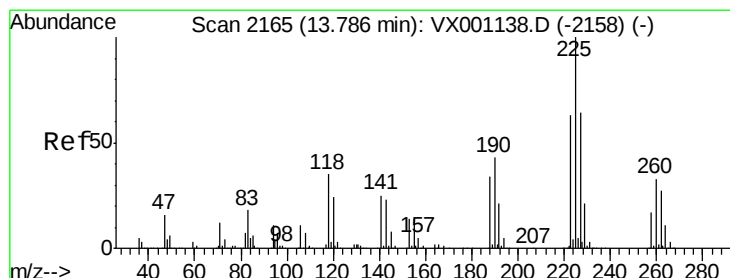
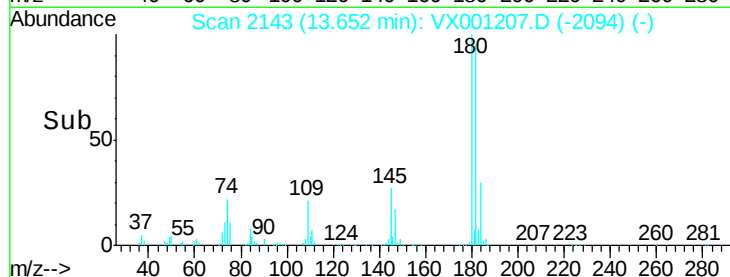
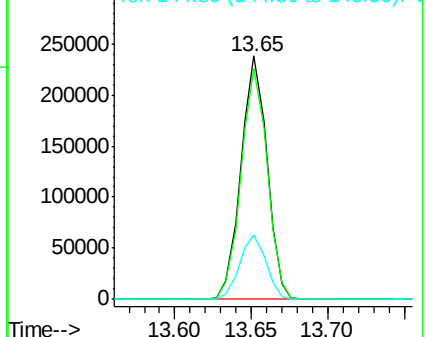
145 27.0 13.8 41.4



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: 50.91 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

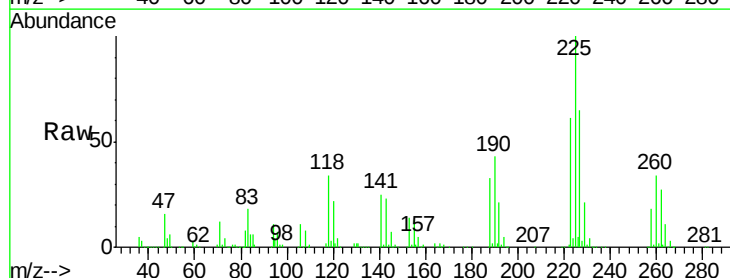
Tgt Ion:225 Resp: 132921

Ion Ratio Lower Upper

225 100

223 60.9 31.3 93.9

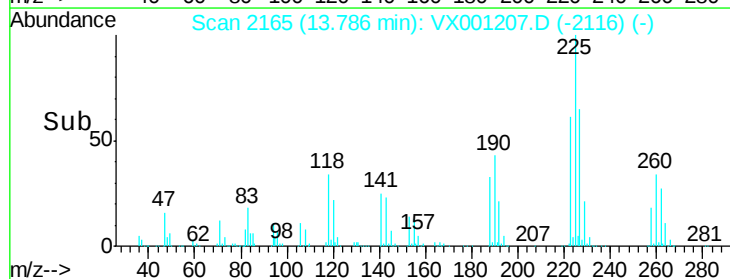
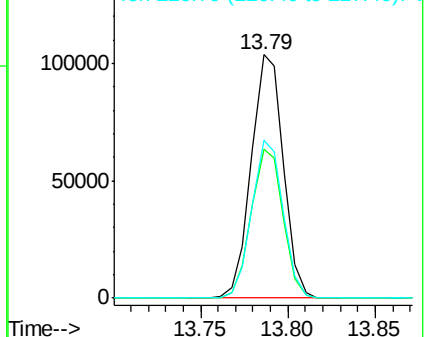
227 63.3 32.2 96.6

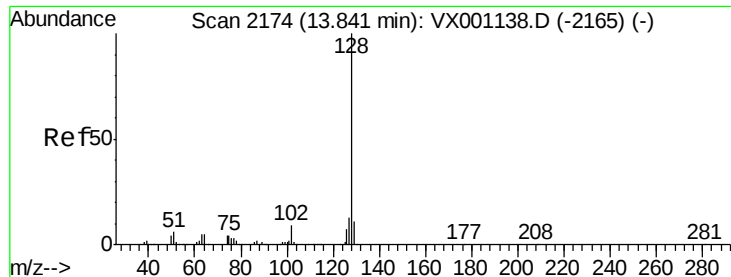


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

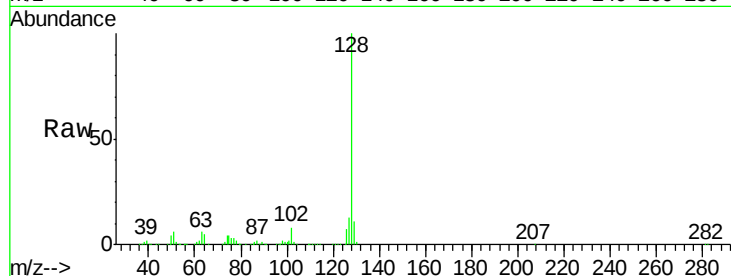
Tgt Ion:128 Resp: 716253

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

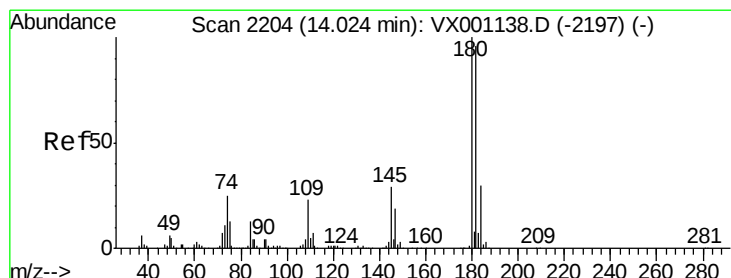
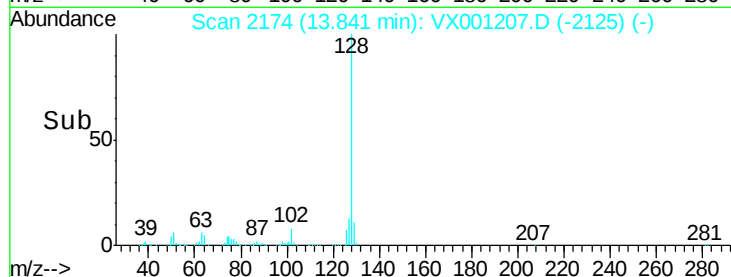
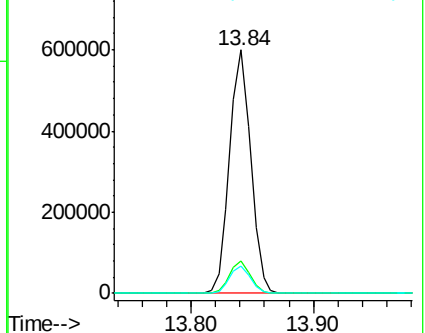
129 11.0 8.8 13.2



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: 49.32 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

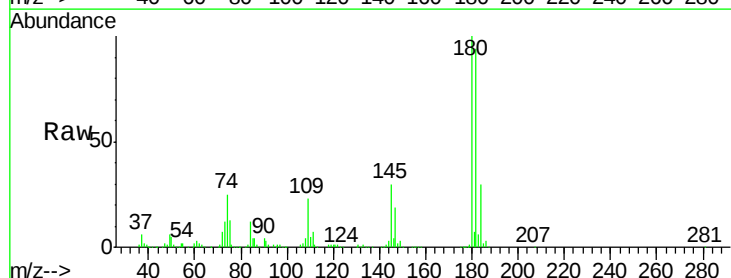
Tgt Ion:180 Resp: 272579

Ion Ratio Lower Upper

180 100

182 96.0 48.2 144.6

145 29.0 14.5 43.5



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

