

Data File : VX001680.D

Acq On : 12 May 2018 21:35

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 14 06:04:55 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145532	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
35) Dibromofluoromethane	5.51	113	123153	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	8.72	98	433177	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
62) 4-Bromofluorobenzene	11.14	95	161341	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142668	47.40	ug/l	99
3) Chloromethane	1.32	50	135498	46.22	ug/l	99
4) Vinyl Chloride	1.40	62	147925	48.35	ug/l	99
5) Bromomethane	1.64	94	59101	41.63	ug/l	99
6) Chloroethane	1.72	64	99683	49.29	ug/l	99
7) Trichlorofluoromethane	1.93	101	232890	50.58	ug/l	100
8) Diethyl Ether	2.19	74	92936	51.50	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137633	50.99	ug/l	99
10) Methyl Iodide	2.51	142	166690	42.80	ug/l	99
11) Tert butyl alcohol	3.09	59	170734	251.97	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125383	50.68	ug/l	99
13) Acrolein	2.30	56	23074	168.96	ug/l	96
14) Allyl chloride	2.73	41	240796	52.20	ug/l	97
15) Acrylonitrile	3.15	53	400712	261.71	ug/l	99
16) Acetone	2.45	43	350130	239.93	ug/l	99
17) Carbon Disulfide	2.57	76	285249	45.30	ug/l	99
18) Methyl Acetate	2.78	43	224829	58.64	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	453413	52.64	ug/l	97
20) Methylene Chloride	2.86	84	145531	50.37	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	133270	48.27	ug/l	98
22) Diisopropyl ether	3.88	45	468547	54.36	ug/l	99
23) Vinyl Acetate	3.83	43	1887166	262.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	250369	52.00	ug/l	99
25) 2-Butanone	4.71	43	543121	257.47	ug/l	99
26) 2,2-Dichloropropane	4.59	77	180099	48.44	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157207	53.46	ug/l	94
28) Bromochloromethane	5.03	49	115363	55.26	ug/l	100
29) Tetrahydrofuran	5.17	42	348584	258.27	ug/l	100
30) Chloroform	5.22	83	274728	55.39	ug/l	96
31) Cyclohexane	5.57	56	211503	51.15	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	240763	55.54	ug/l	99
36) 1,1-Dichloropropene	5.81	75	188840	51.29	ug/l	100
37) Ethyl Acetate	4.87	43	208819	51.74	ug/l	100
38) Carbon Tetrachloride	5.79	117	217183	55.31	ug/l	99

Data File : VX001680.D

Acq On : 12 May 2018 21:35

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 14 06:04:55 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219648	50.46	ug/l	97
40) Benzene	6.15	78	582606	54.17	ug/l	98
41) Methacrylonitrile	5.07	41	120495	52.18	ug/l	98
42) 1,2-Dichloroethane	6.20	62	222430	53.81	ug/l	100
43) Isopropyl Acetate	6.47	43	329116	53.12	ug/l	99
44) Trichloroethene	7.22	130	176096	53.57	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146615	54.68	ug/l	99
46) Dibromomethane	7.67	93	102384	53.94	ug/l	98
47) Bromodichloromethane	7.90	83	202673	57.70	ug/l	98
48) Methyl methacrylate	7.78	41	179042	53.07	ug/l	98
49) 1,4-Dioxane	7.76	88	76318	1047.01	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1127268	273.78	ug/l	98
52) Toluene	8.79	92	385952	54.88	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226098	56.95	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	206134	50.21	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	153981	54.35	ug/l	98
56) Ethyl methacrylate	9.19	69	219712	53.80	ug/l	97
57) 1,3-Dichloropropane	9.38	76	251267	53.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	573649	286.39	ug/l	100
59) 2-Hexanone	9.51	43	825772	261.91	ug/l	100
60) Dibromochloromethane	9.59	129	165040	56.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159356	53.57	ug/l	100
64) Tetrachloroethene	9.34	164	204891	54.12	ug/l	97
65) Chlorobenzene	10.15	112	427866	53.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163550	57.40	ug/l	99
67) Ethyl Benzene	10.26	91	704583	53.97	ug/l	99
68) m/p-Xylenes	10.37	106	560753	108.70	ug/l	99
69) o-Xylene	10.70	106	274775	54.80	ug/l	99
70) Styrene	10.72	104	460597	56.55	ug/l	99
71) Bromoform	10.87	173	134057	49.00	ug/l	99
73) Isopropylbenzene	11.02	105	742689	55.25	ug/l	100
74) N-amyl acetate	6.47	43	329116	53.91	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	217028	54.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	252959	64.24	ug/l	87
77) Bromobenzene	11.26	156	209166	53.53	ug/l	100
78) n-propylbenzene	11.37	91	818259	55.90	ug/l	100
79) 2-Chlorotoluene	11.43	91	490455	54.45	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	616693	55.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	56523	46.13	ug/l	98
82) 4-Chlorotoluene	11.52	91	569683	54.83	ug/l	100
83) tert-Butylbenzene	11.77	119	611583	54.92	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	638887	55.55	ug/l	100
85) sec-Butylbenzene	11.95	105	753365	56.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	688309	56.14	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	378083	54.12	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	380031	53.34	ug/l	100
89) n-Butylbenzene	12.39	91	556061	54.74	ug/l	100
90) Hexachloroethane	12.60	117	109012	59.05	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	389991	54.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48501	55.61	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051218\
Quantitation Report (Not Reviewed)

Data File : VX001680.D
Acq On : 12 May 2018 21:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 14 06:04:55 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

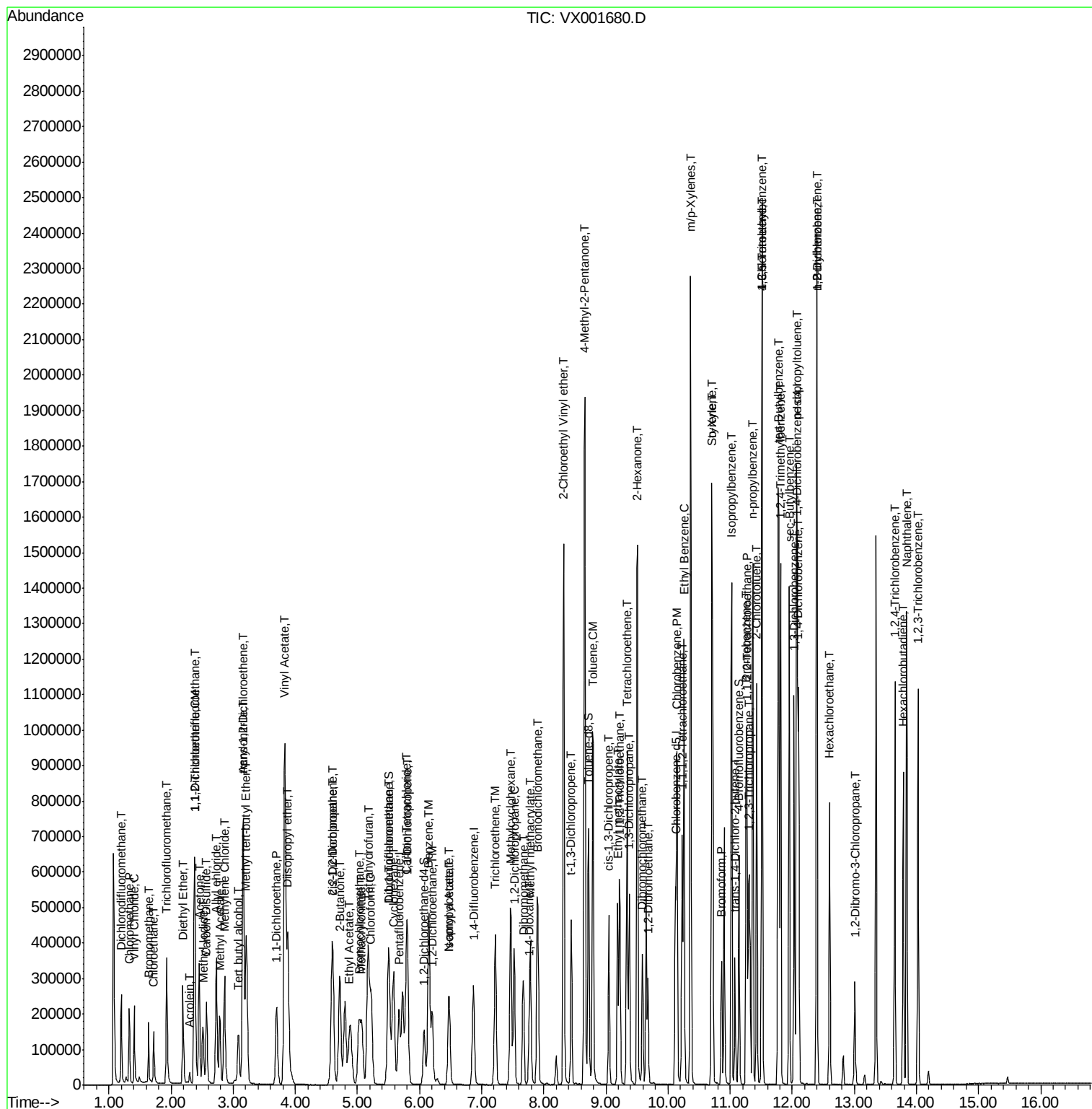
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286284	55.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	152501	53.59	ug/l	99
95) Naphthalene	13.84	128	823466	57.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299832	56.19	ug/l	99

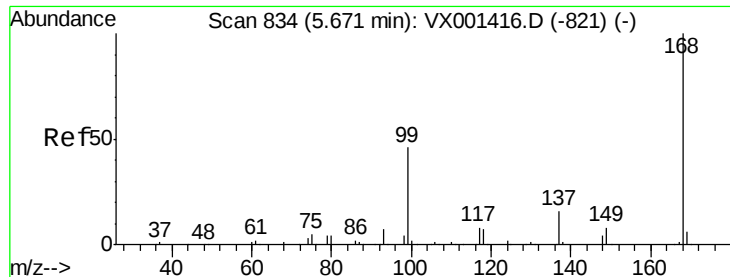
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 24 Sample Multiplier: 1

VSTDCCC050

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: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

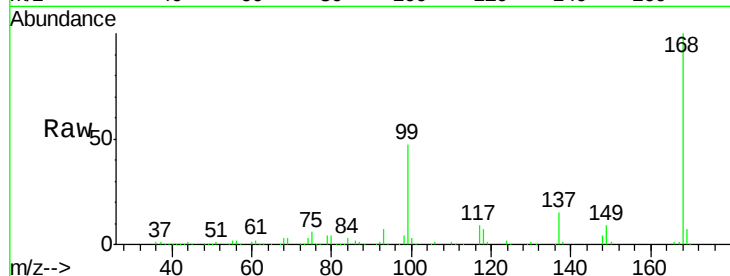
VSTDCCC050

Tgt Ion:168 Resp: 223595

Ion Ratio Lower Upper

168 100

99 46.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

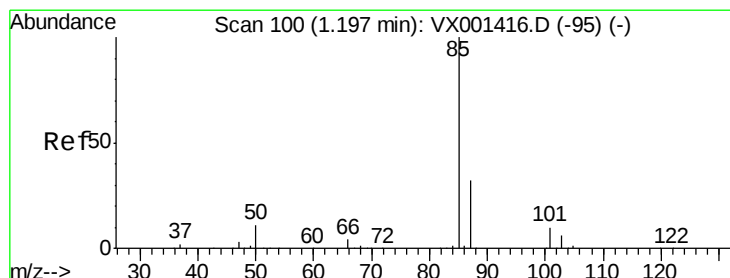
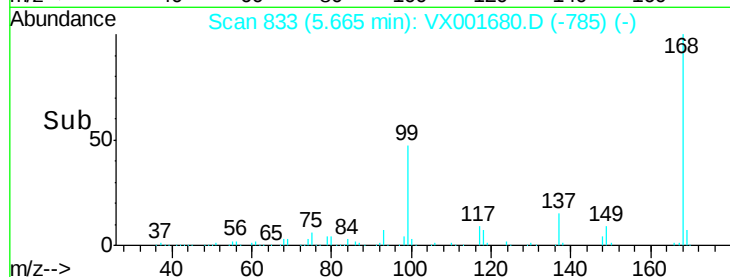
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001680.D

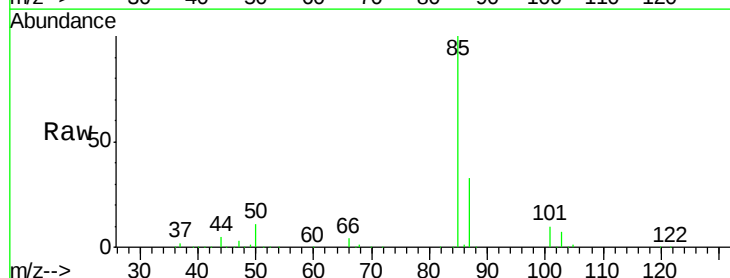
Acq: 12 May 2018 21:35

Tgt Ion: 85 Resp: 142668

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

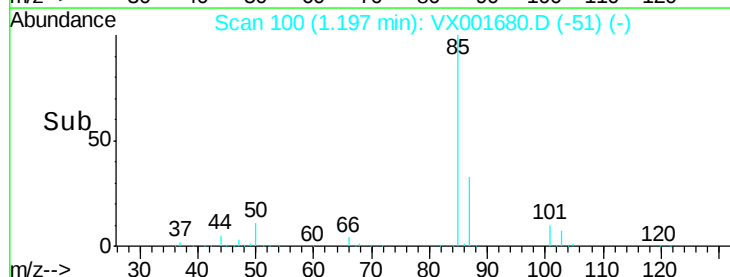
100000

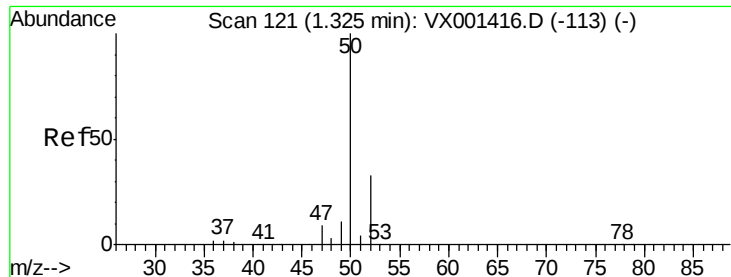
50000

0

1.10 1.20 1.30

Time-->

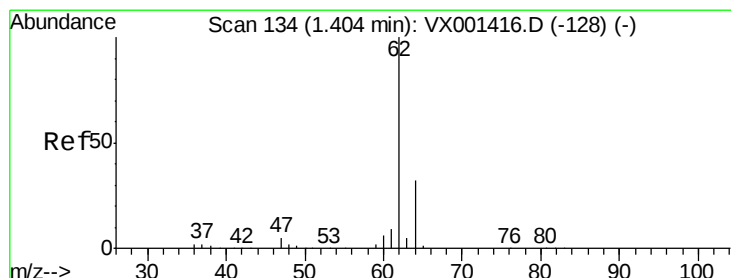
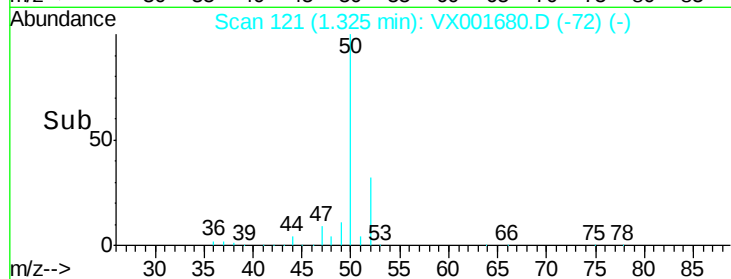
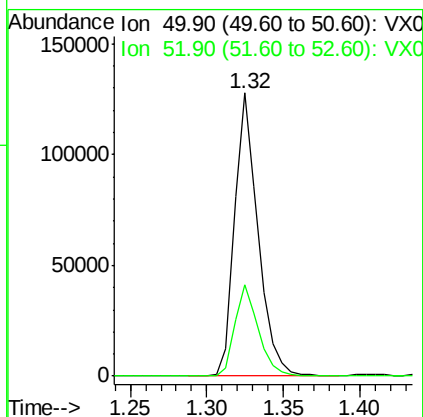
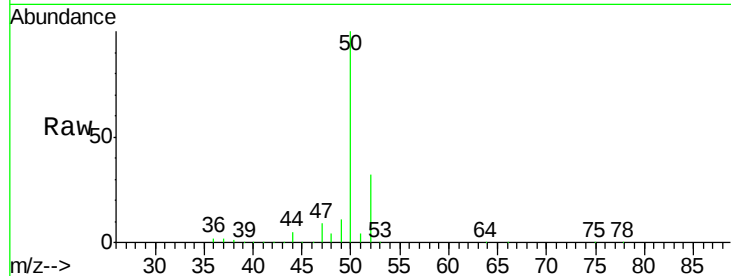




#3
Chloromethane
Concen: 46.22 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

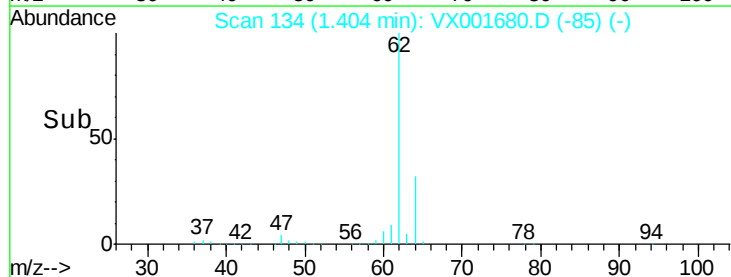
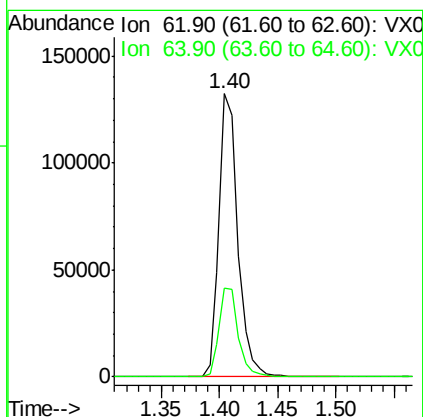
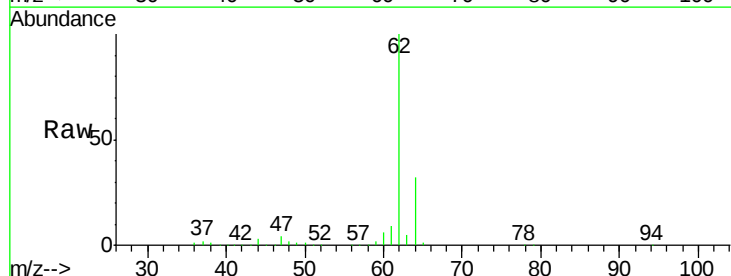
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

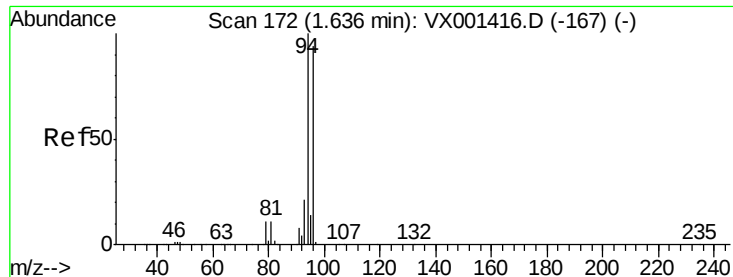
Tgt Ion: 50 Resp: 135498
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.4



#4
Vinyl Chloride
Concen: 48.35 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 62 Resp: 147925
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5

Bromomethane

Concen: 41.63 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

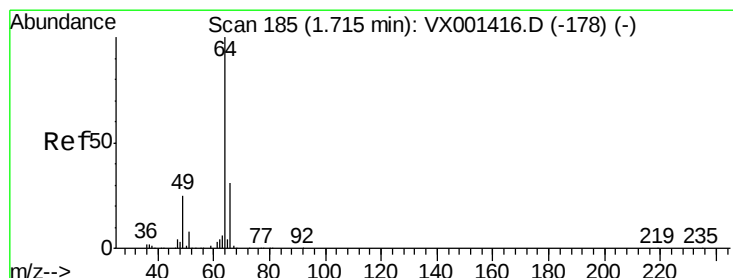
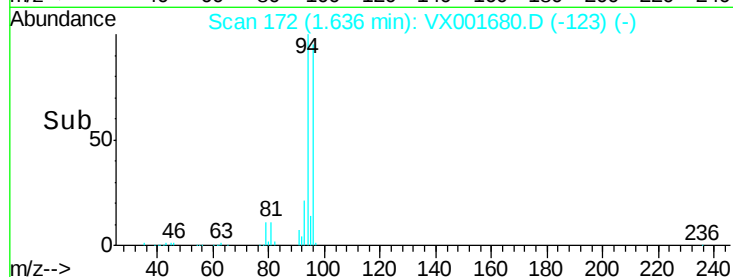
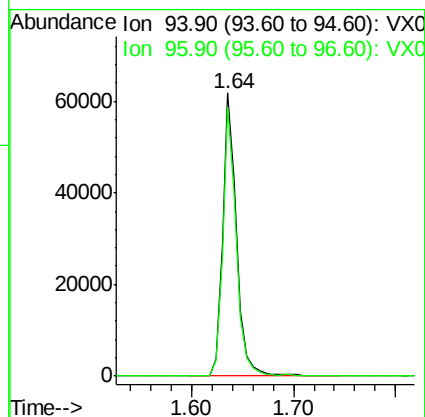
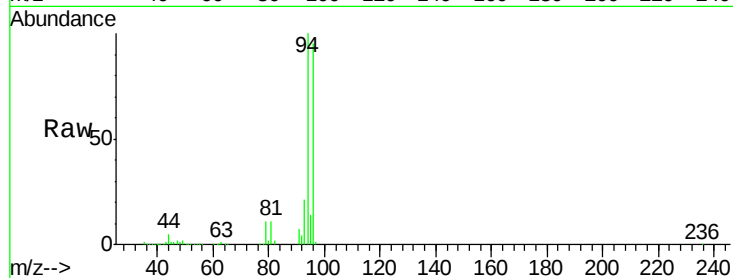
VSTDCCC050

Tgt Ion: 94 Resp: 59101

Ion Ratio Lower Upper

94 100

96 95.1 75.0 112.6



#6

Chloroethane

Concen: 49.29 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001680.D

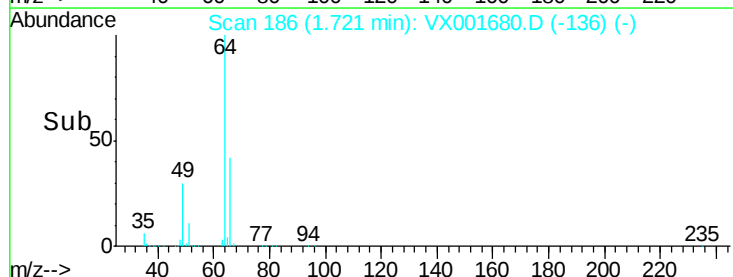
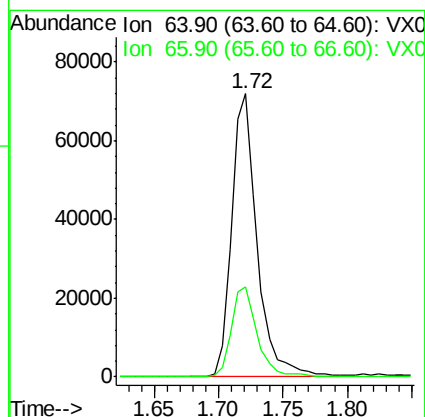
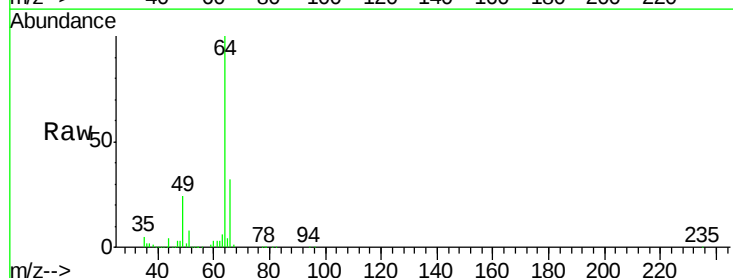
Acq: 12 May 2018 21:35

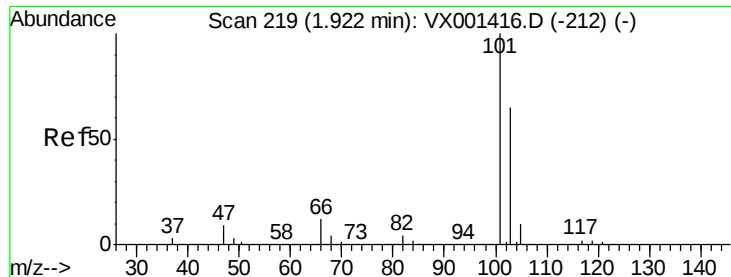
Tgt Ion: 64 Resp: 99683

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



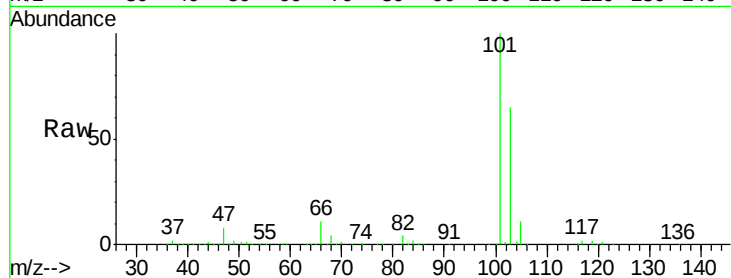


#7

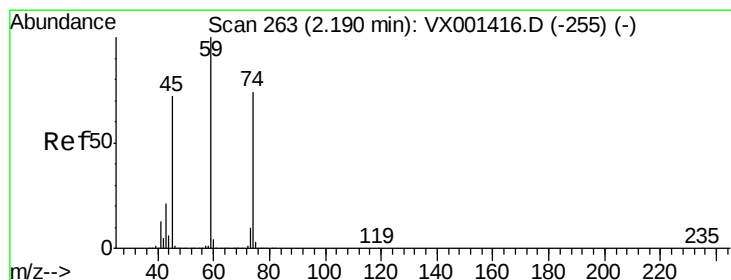
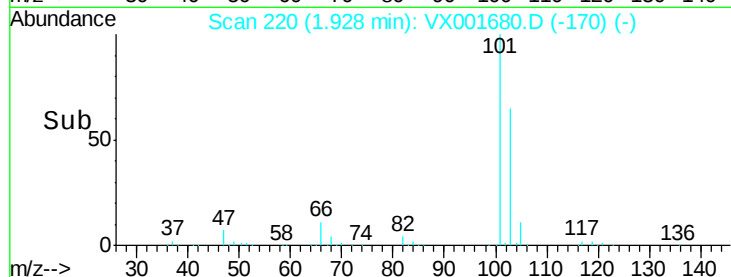
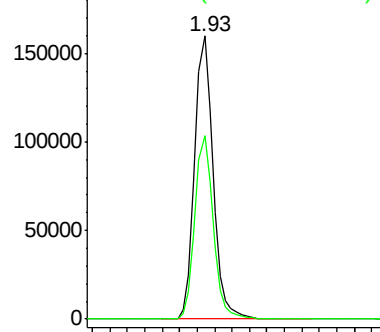
Trichlorofluoromethane
Concen: 50.58 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 232890
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0



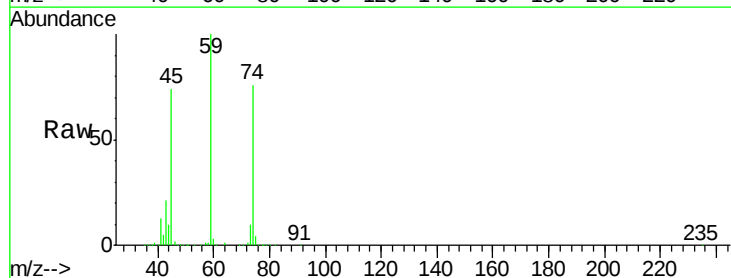
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



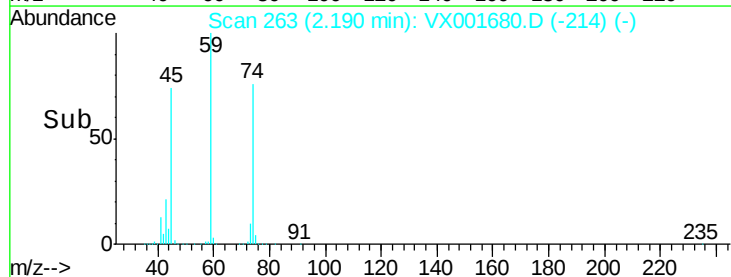
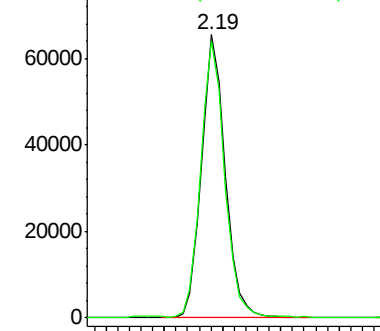
#8

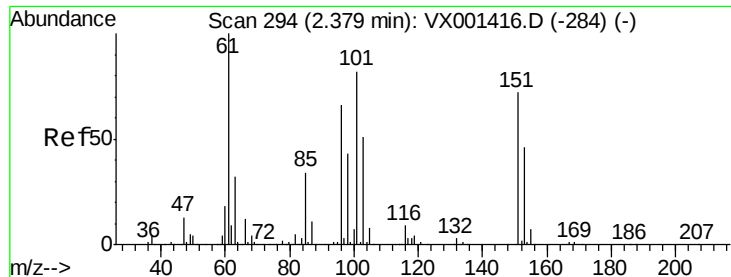
Diethyl Ether
Concen: 51.50 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 74 Resp: 92936
Ion Ratio Lower Upper
74 100
45 98.7 47.9 143.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.99 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

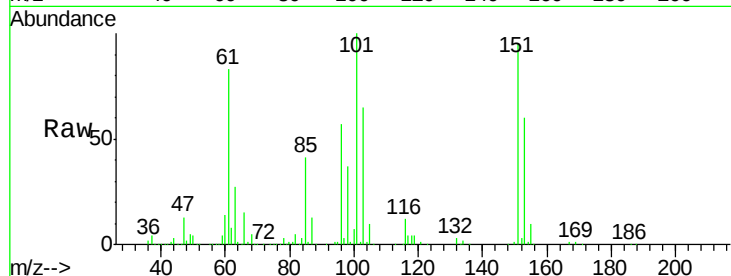
Tgt Ion:101 Resp: 137633

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

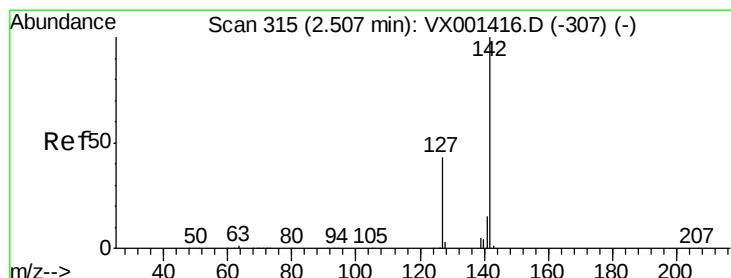
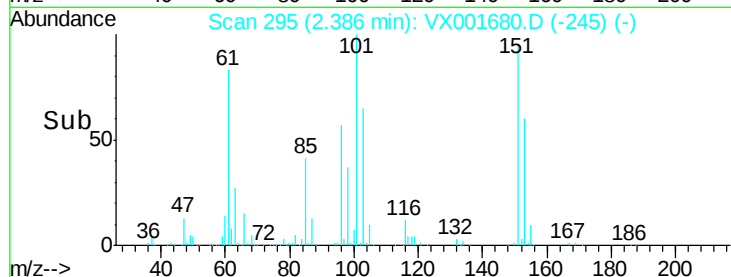
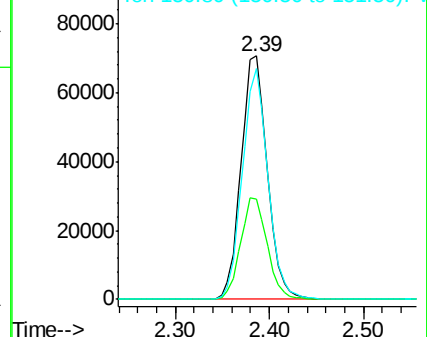
151 92.3 72.3 108.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.80 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

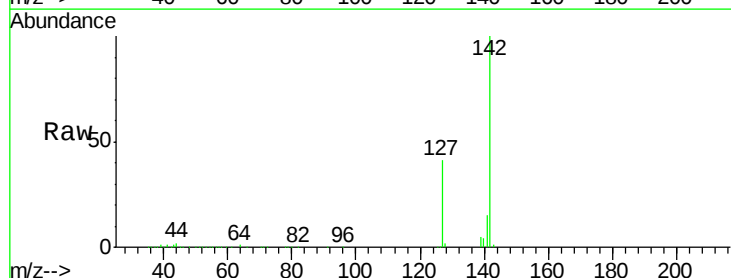
Tgt Ion:142 Resp: 166690

Ion Ratio Lower Upper

142 100

127 41.0 33.6 50.4

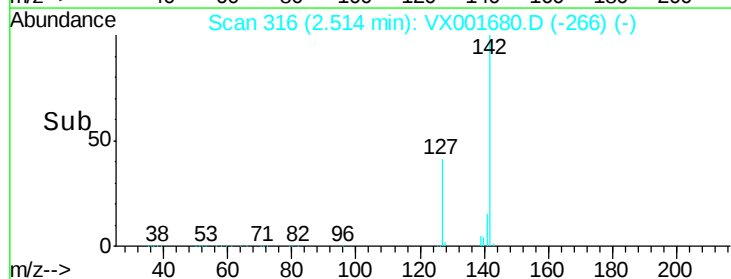
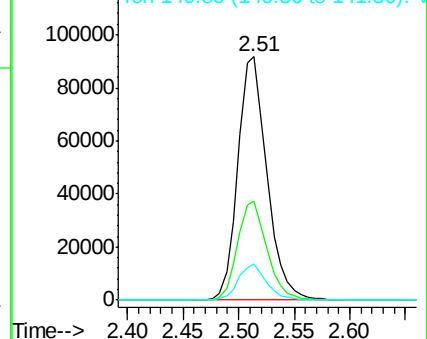
141 14.3 11.4 17.2

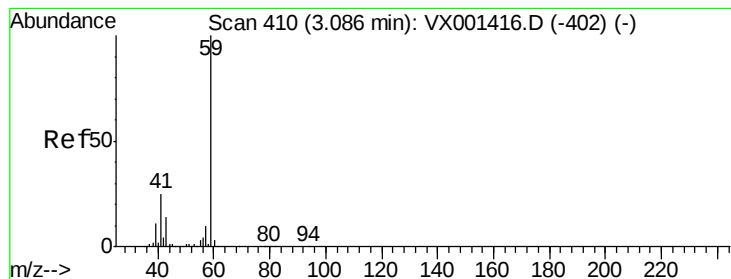


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



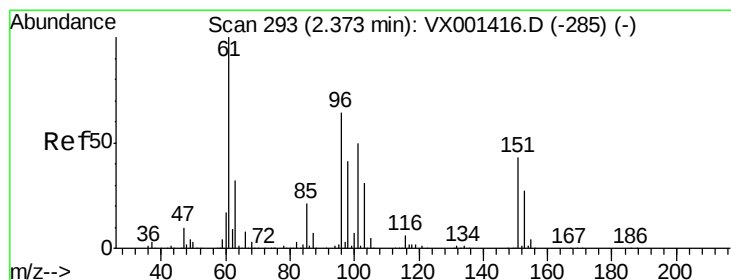
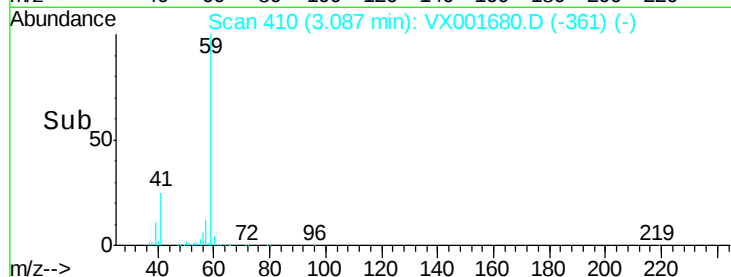
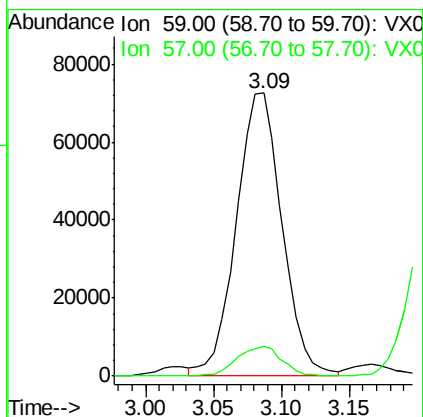
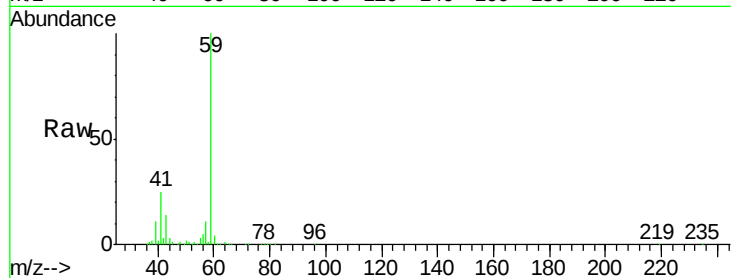


#11

Tert butyl alcohol
 Concen: 251.97 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

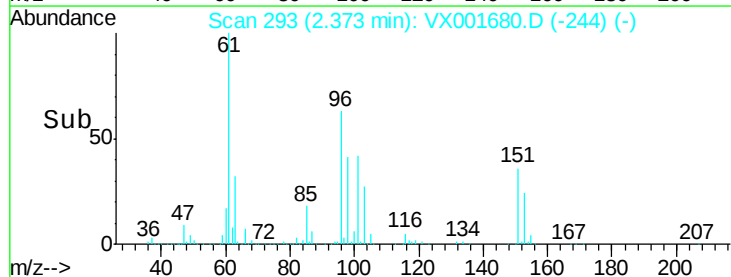
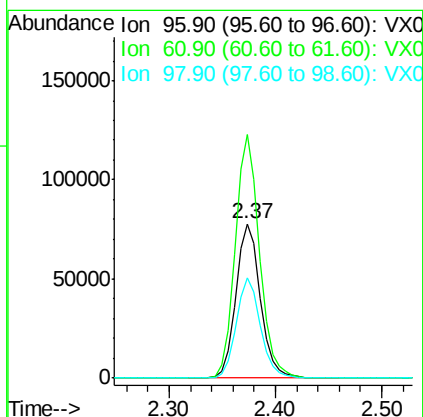
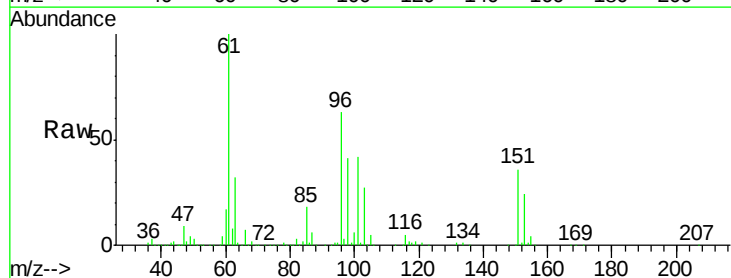
Tgt Ion: 59 Resp: 170734
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 50.68 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion: 96 Resp: 125383
 Ion Ratio Lower Upper
 96 100
 61 157.9 125.7 188.5
 98 64.6 52.0 78.0





#13

Acrolein

Concen: 168.96 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

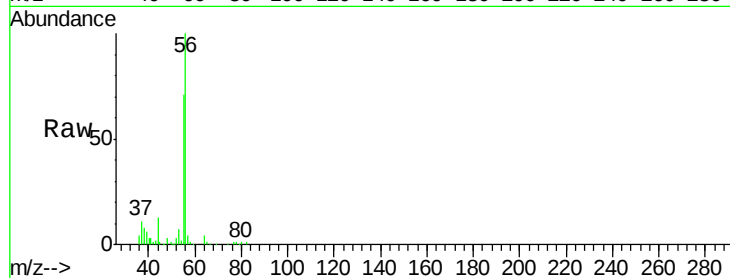
VSTDCCC050

Tgt Ion: 56 Resp: 23074

Ion Ratio Lower Upper

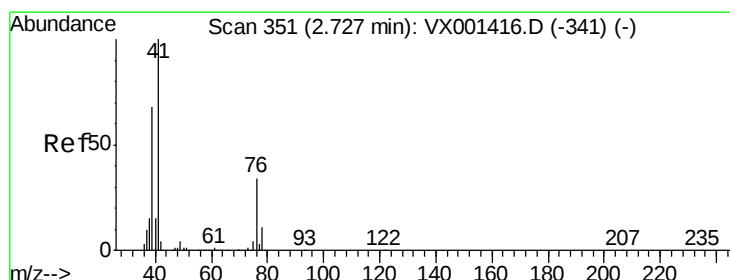
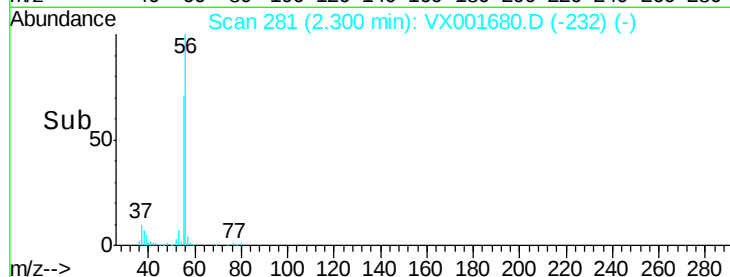
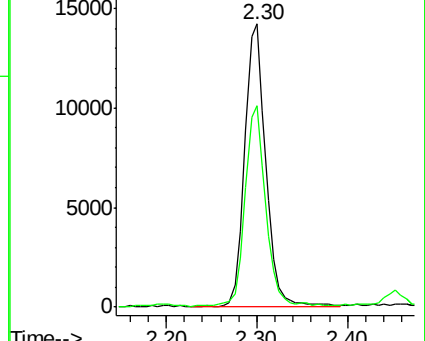
56 100

55 71.1 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.20 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

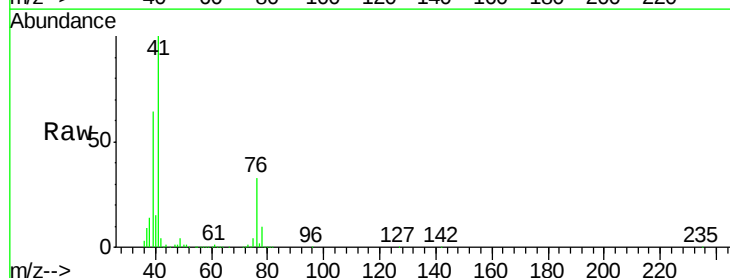
Tgt Ion: 41 Resp: 240796

Ion Ratio Lower Upper

41 100

39 62.6 52.4 78.6

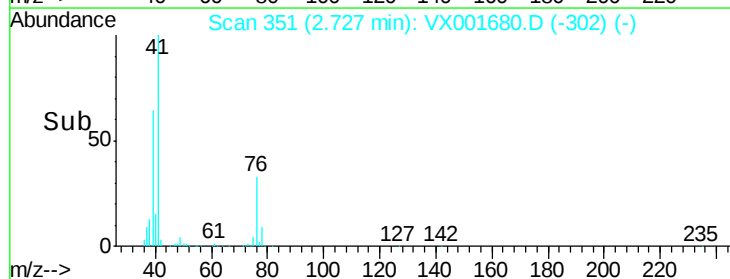
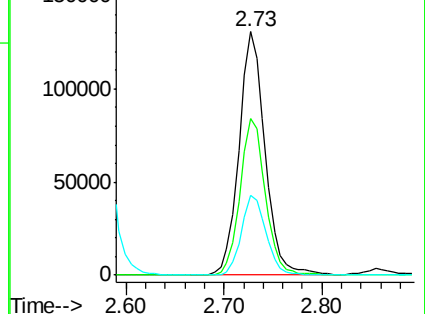
76 31.4 25.8 38.6

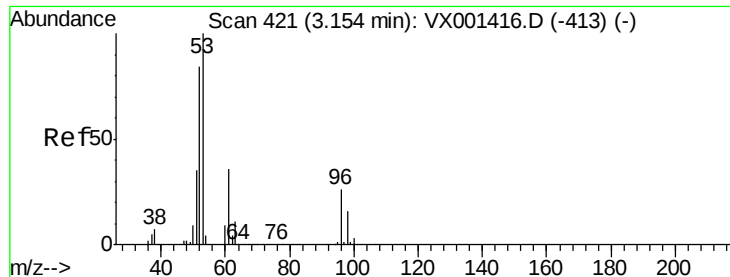


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

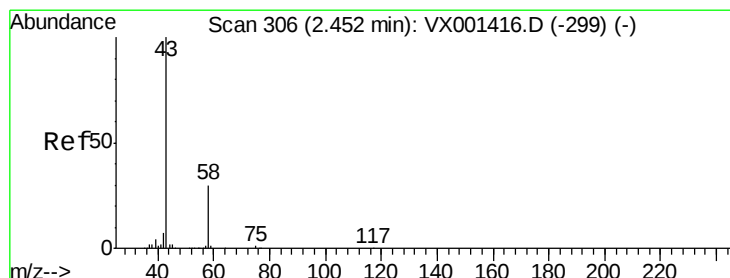
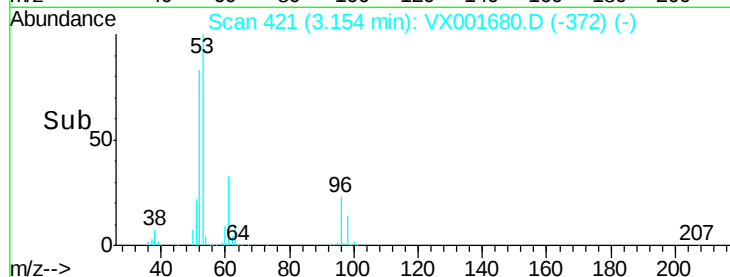
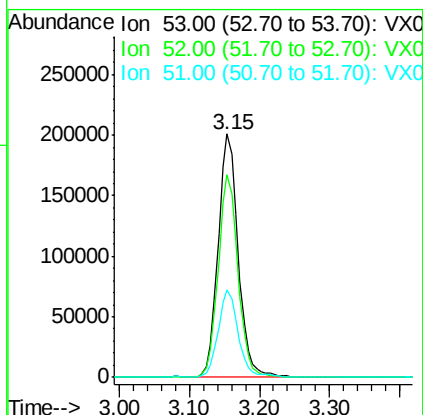
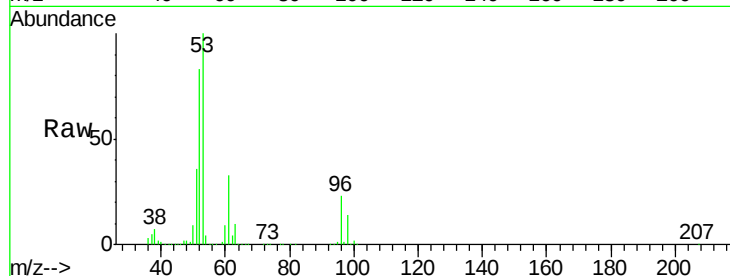




#15
 Acrylonitrile
 Concen: 261.71 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

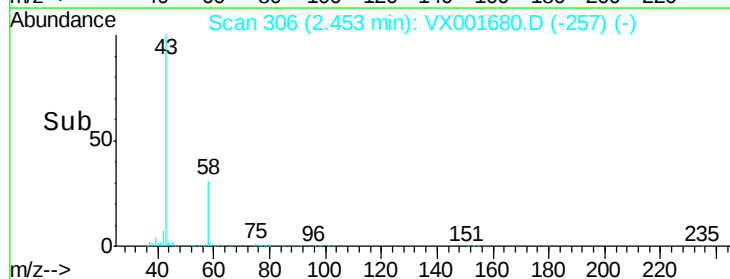
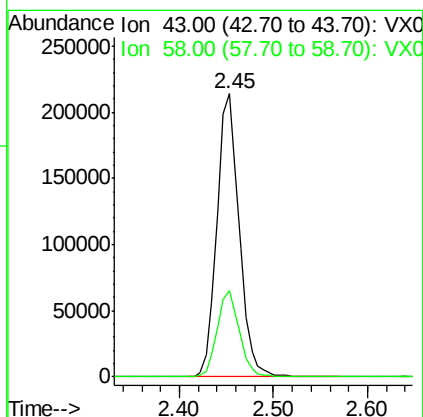
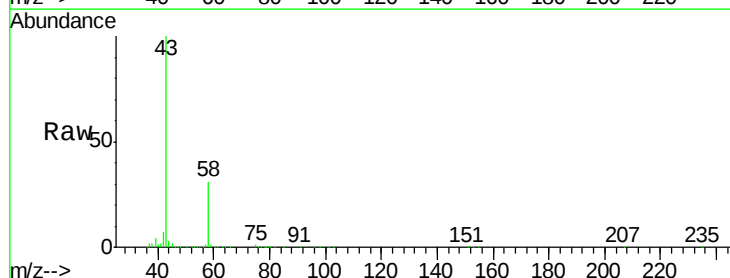
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

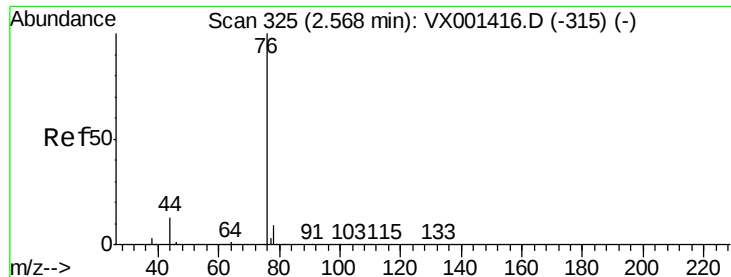
Tgt Ion: 53 Resp: 400712
 Ion Ratio Lower Upper
 53 100
 52 81.9 66.2 99.2
 51 35.6 28.6 43.0



#16
 Acetone
 Concen: 239.93 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion: 43 Resp: 350130
 Ion Ratio Lower Upper
 43 100
 58 30.5 23.8 35.8

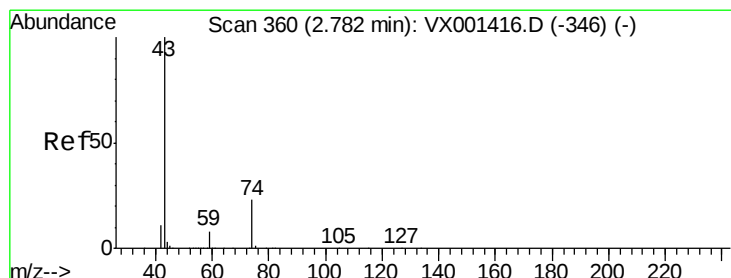
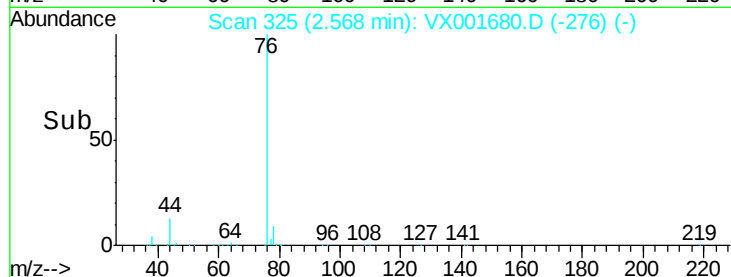
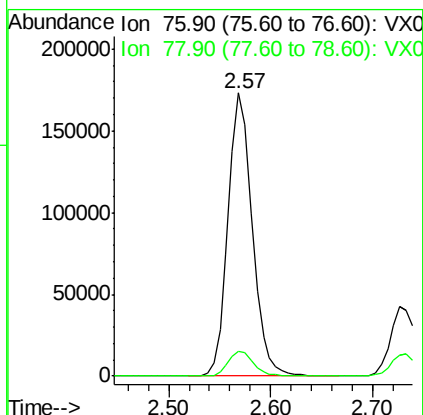
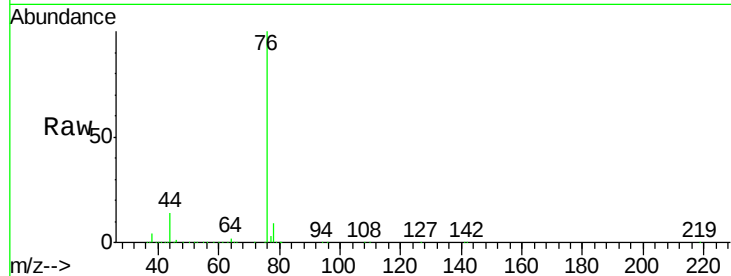




#17
Carbon Disulfide
Concen: 45.30 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

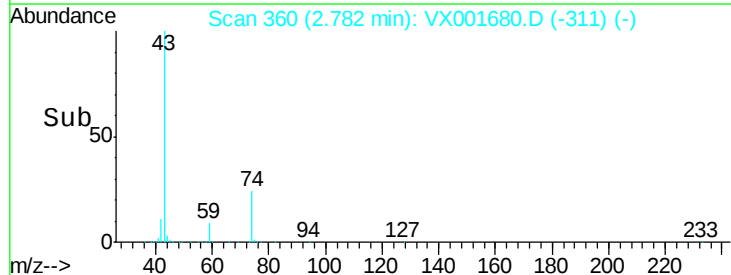
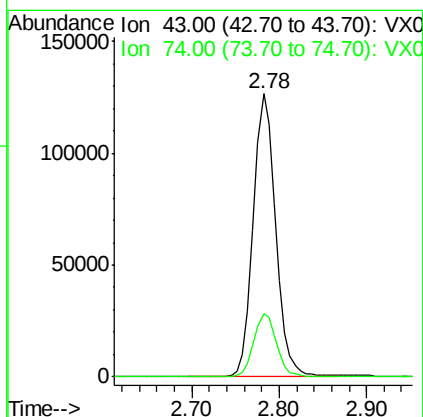
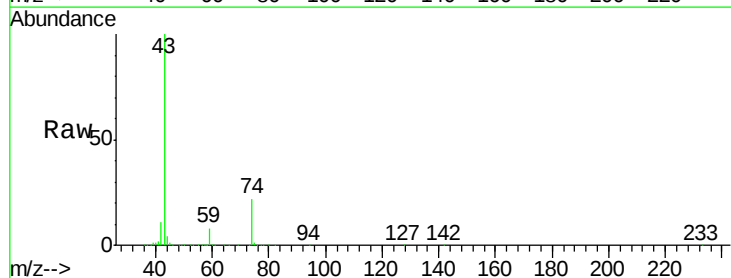
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

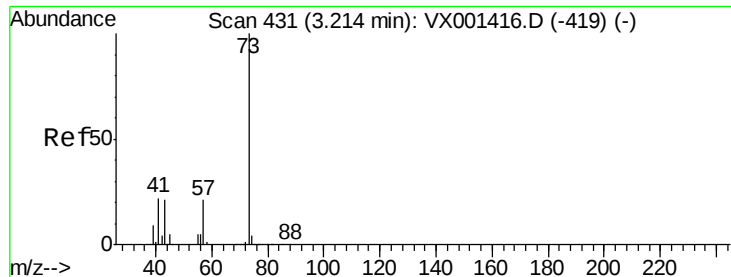
Tgt Ion: 76 Resp: 285249
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 58.64 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 43 Resp: 224829
Ion Ratio Lower Upper
43 100
74 22.3 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 52.64 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

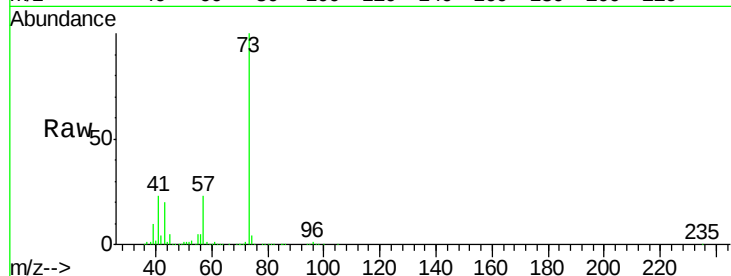
VSTDCCC050

Tgt Ion: 73 Resp: 453413

Ion Ratio Lower Upper

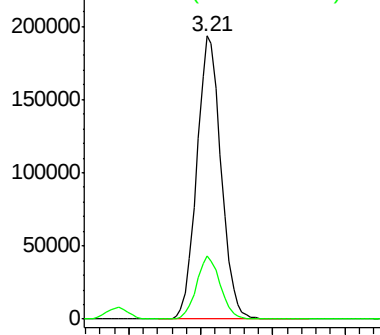
73 100

57 22.5 17.0 25.6

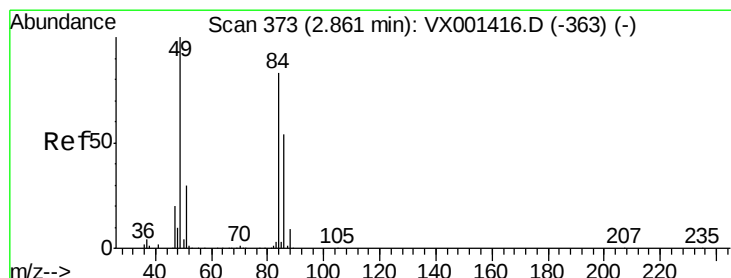
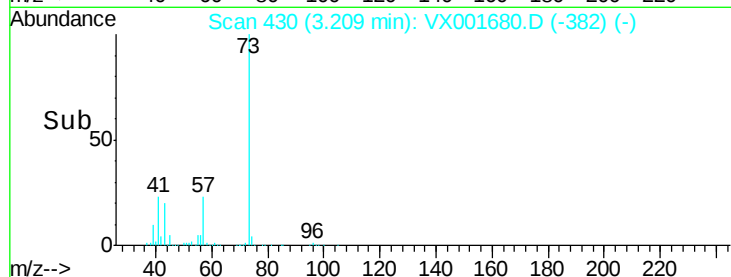


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#20

Methylene Chloride

Concen: 50.37 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion: 84 Resp: 145531

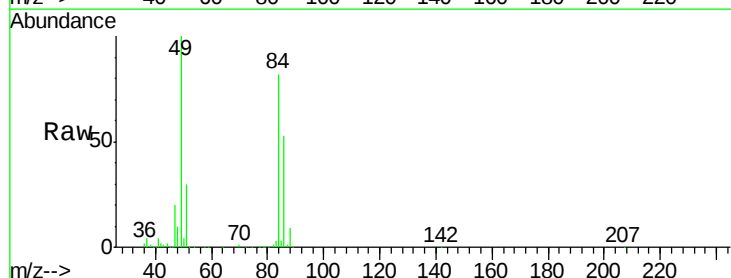
Ion Ratio Lower Upper

84 100

49 122.1 96.6 144.8

51 36.7 29.0 43.4

86 64.3 52.2 78.4

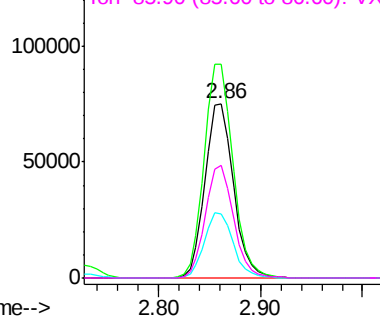


Abundance Ion 83.90 (83.60 to 84.60): VX0

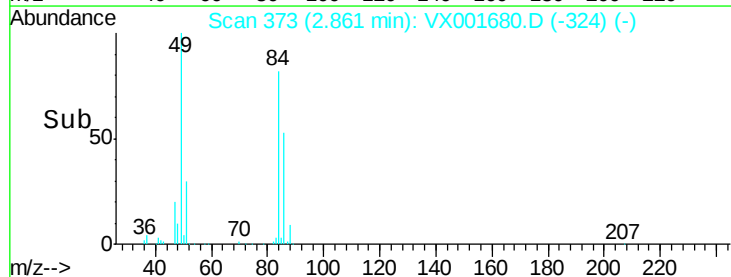
Ion 48.90 (48.60 to 49.60): VX0

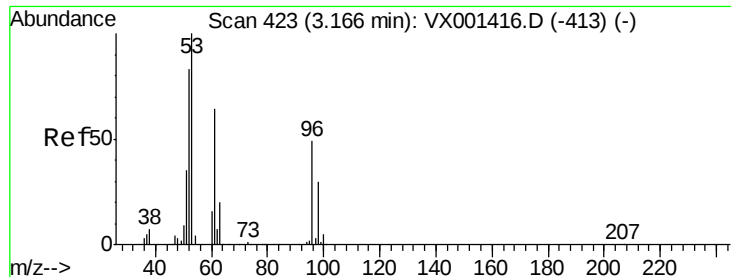
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->





#21

trans-1,2-Dichloroethene

Concen: 48.27 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

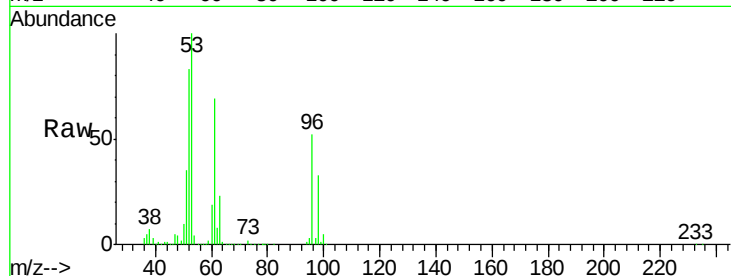
Tgt Ion: 96 Resp: 133270

Ion Ratio Lower Upper

96 100

61 134.1 105.0 157.4

98 63.6 49.9 74.9

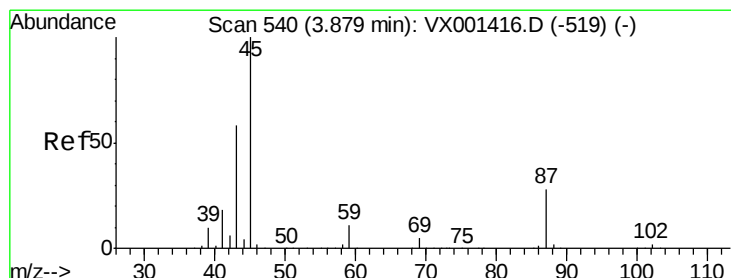
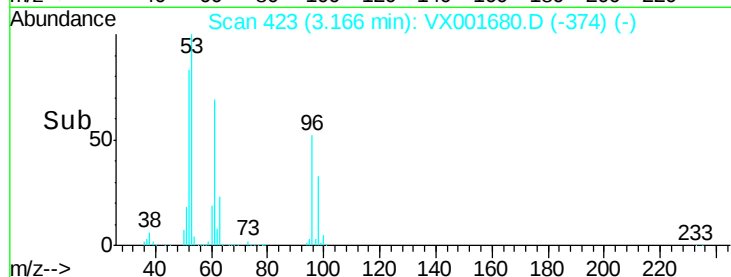
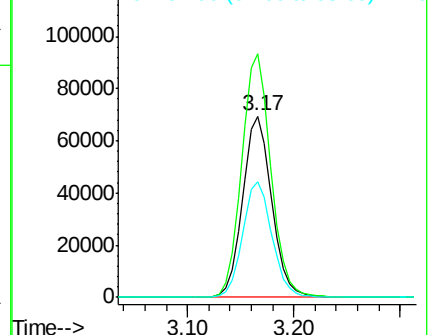


Abundance

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: 54.36 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion: 45 Resp: 468547

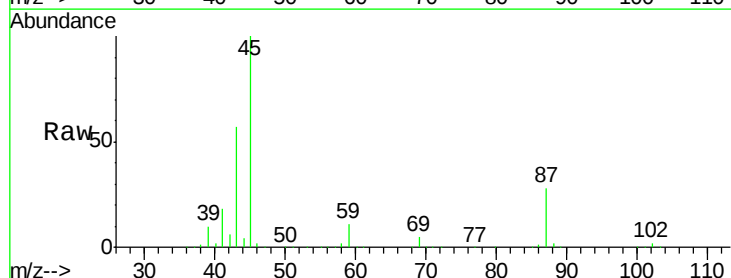
Ion Ratio Lower Upper

45 100

43 57.1 46.5 69.7

87 28.1 22.6 34.0

59 11.3 9.1 13.7



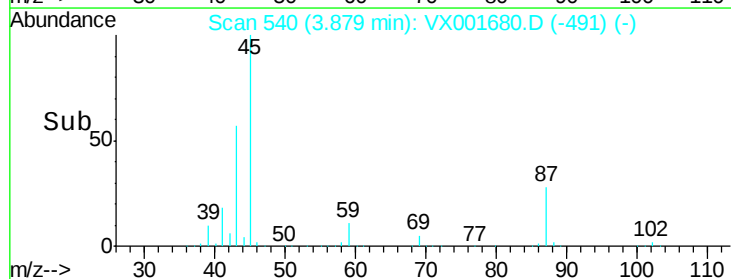
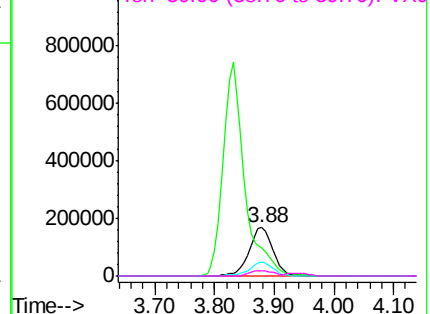
Abundance

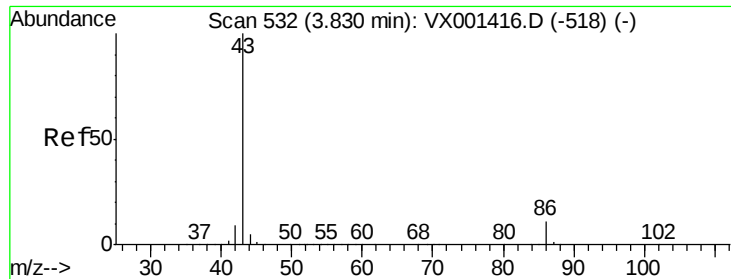
Ion 45.00 (44.70 to 45.70): VX0

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: 262.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

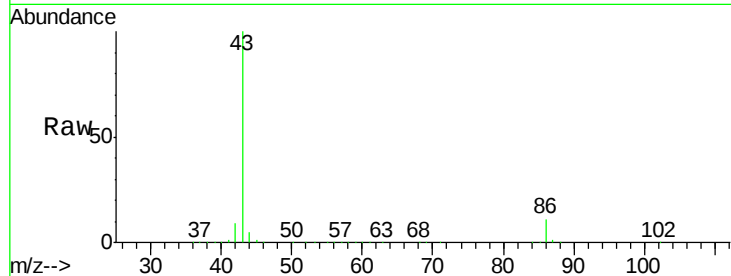
VSTDCCC050

Tgt Ion: 43 Resp: 1887166

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

600000

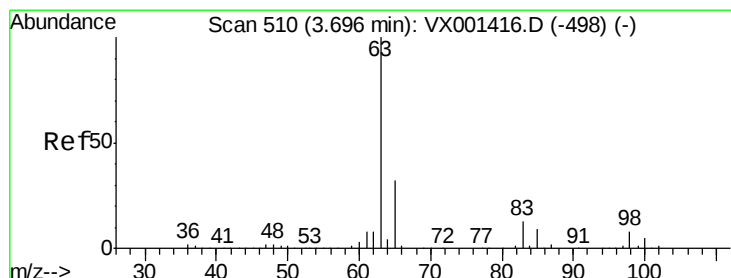
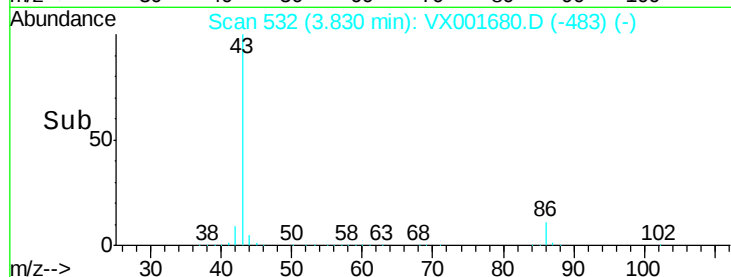
400000

200000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 52.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

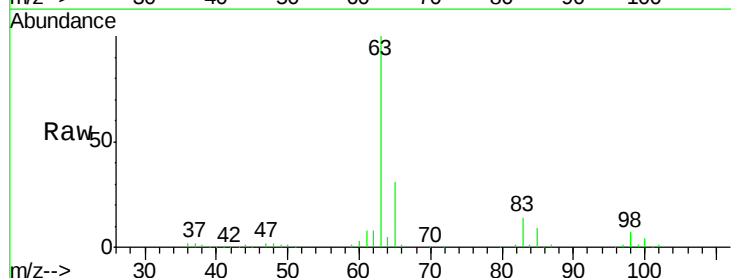
Tgt Ion: 63 Resp: 250369

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

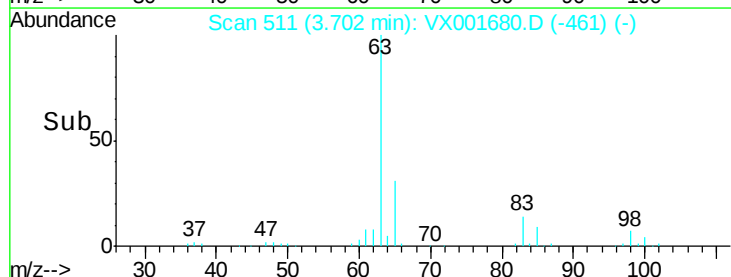
100000

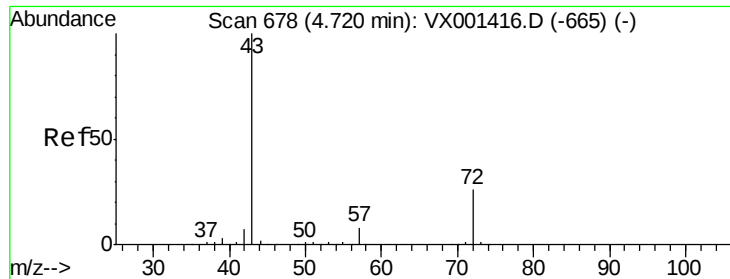
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 257.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

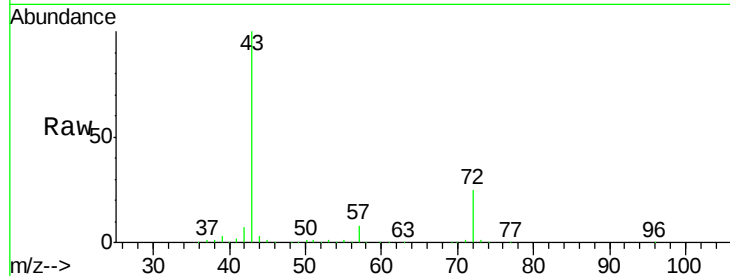
VSTDCCC050

Tgt Ion: 43 Resp: 543121

Ion Ratio Lower Upper

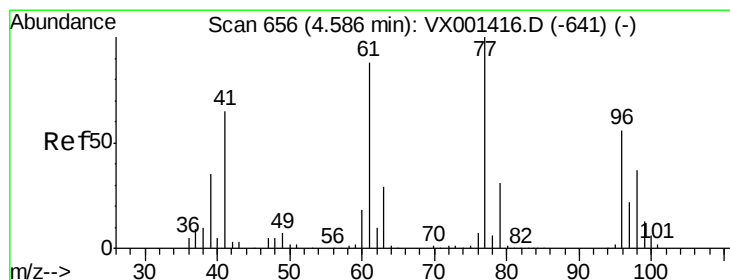
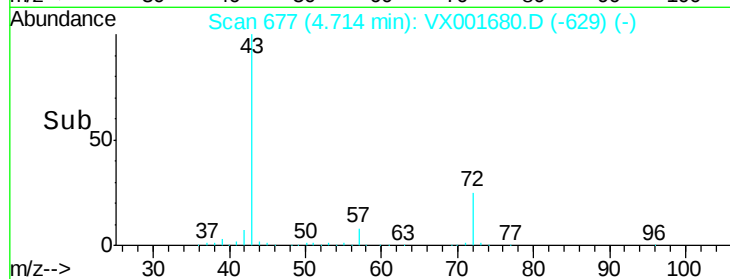
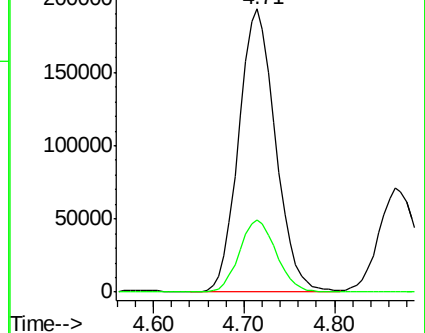
43 100

72 25.3 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.44 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001680.D

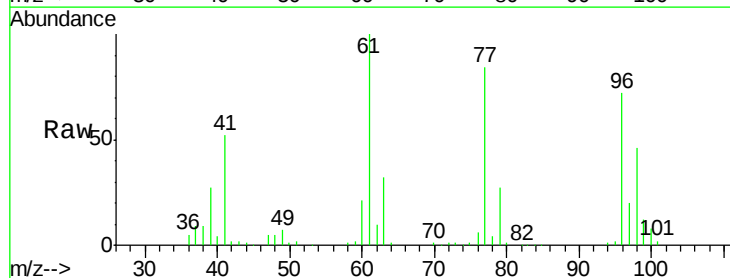
Acq: 12 May 2018 21:35

Tgt Ion: 77 Resp: 180099

Ion Ratio Lower Upper

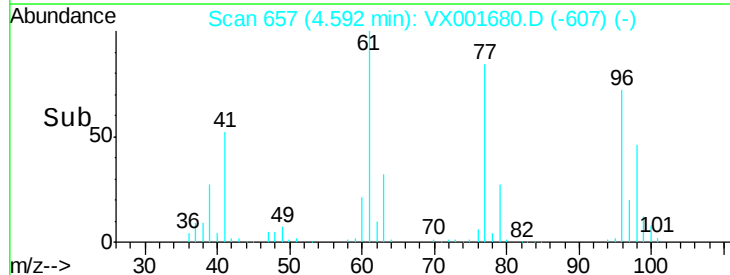
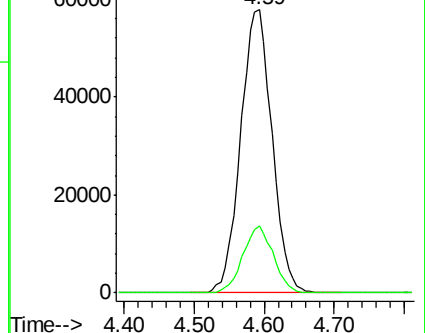
77 100

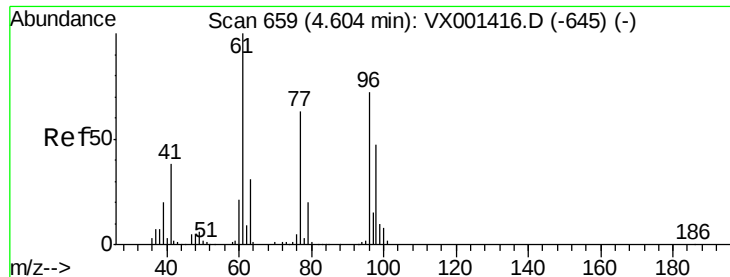
97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



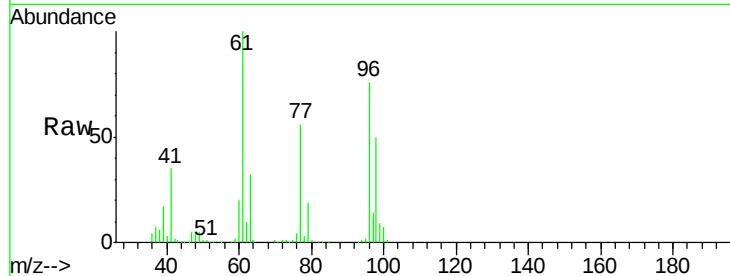


#27

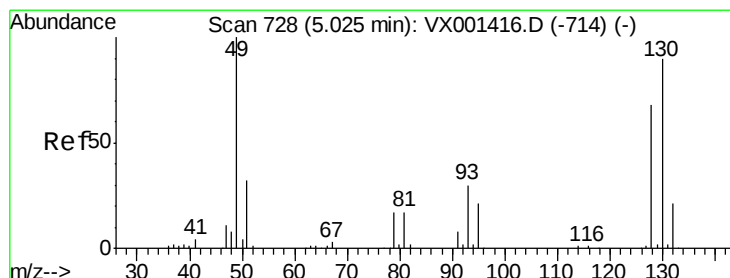
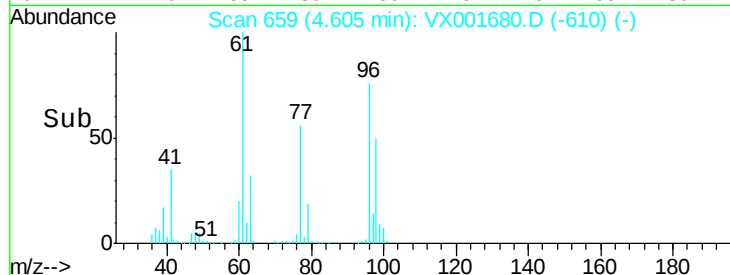
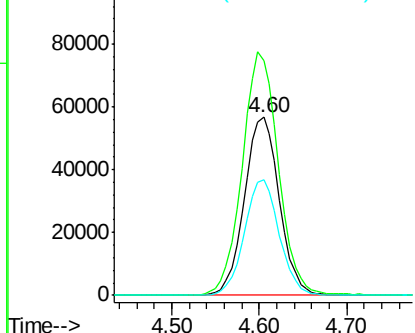
cis-1,2-Dichloroethene
Concen: 53.46 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 157207
Ion Ratio Lower Upper
96 100
61 141.4 0.0 301.6
98 64.7 0.0 131.6



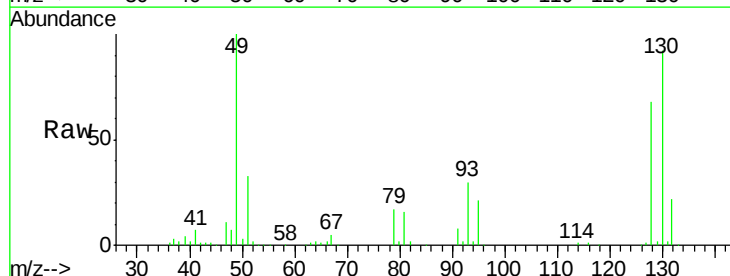
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



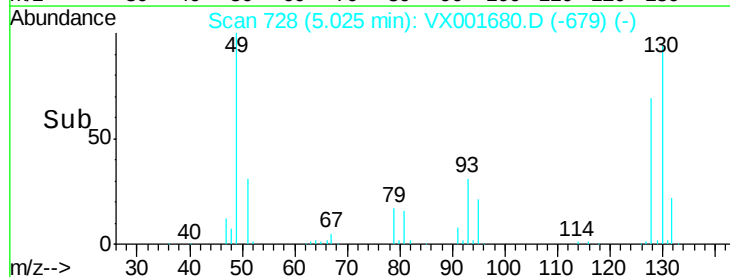
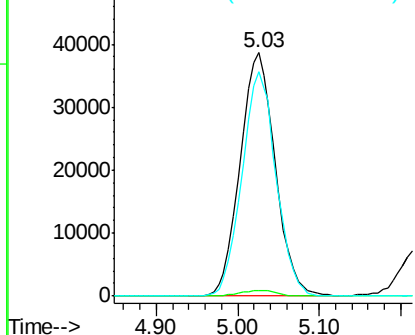
#28

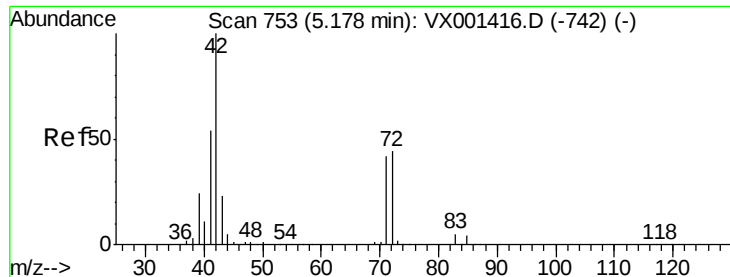
Bromochloromethane
Concen: 55.26 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 49 Resp: 115363
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 89.9 71.9 107.9



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

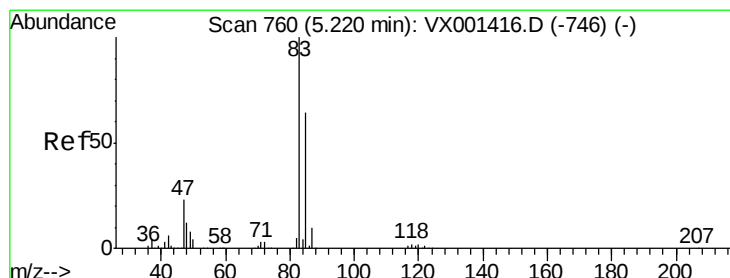
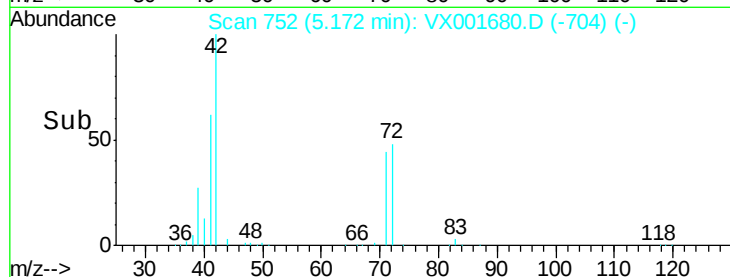
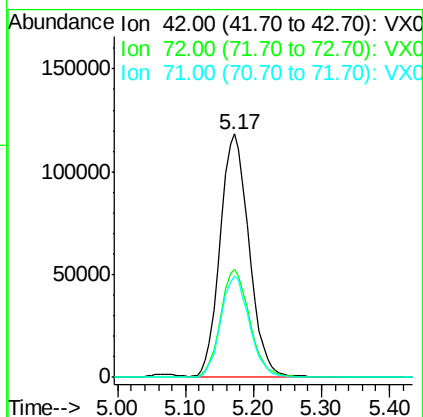
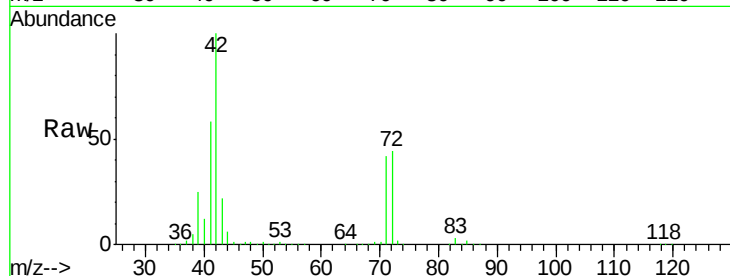




#29
Tetrahydrofuran
Concen: 258.27 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

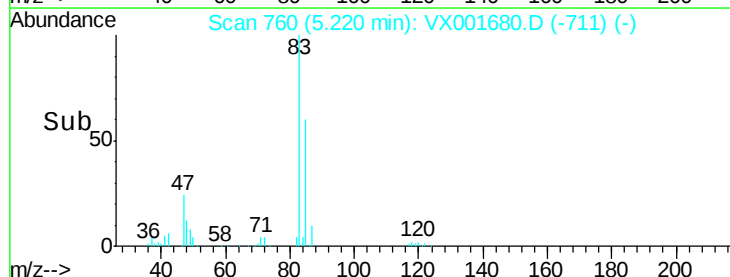
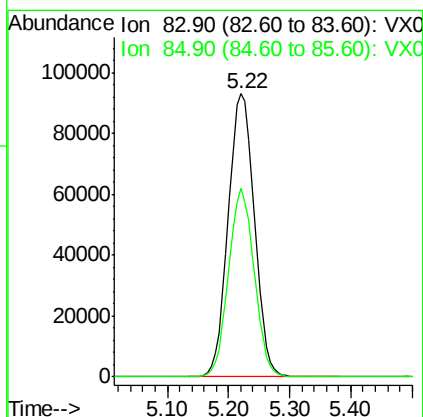
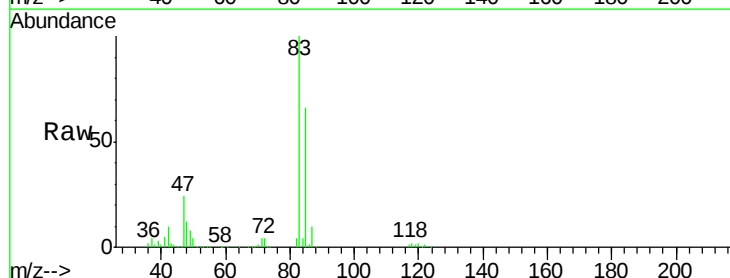
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

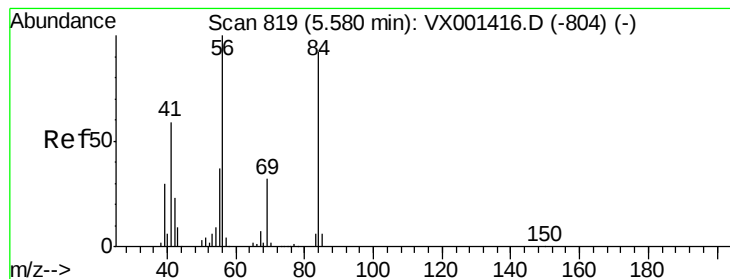
Tgt Ion: 42 Resp: 348584
Ion Ratio Lower Upper
42 100
72 44.8 35.4 53.2
71 41.3 33.0 49.4



#30
Chloroform
Concen: 55.39 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 83 Resp: 274728
Ion Ratio Lower Upper
83 100
85 66.5 51.0 76.4





#31

Cyclohexane

Concen: 51.15 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

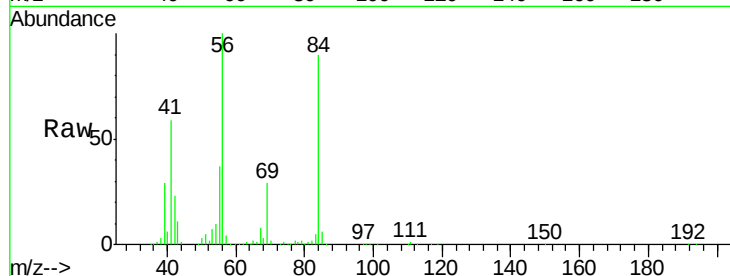
Tgt Ion: 56 Resp: 211503

Ion Ratio Lower Upper

56 100

69 29.5 25.4 38.0

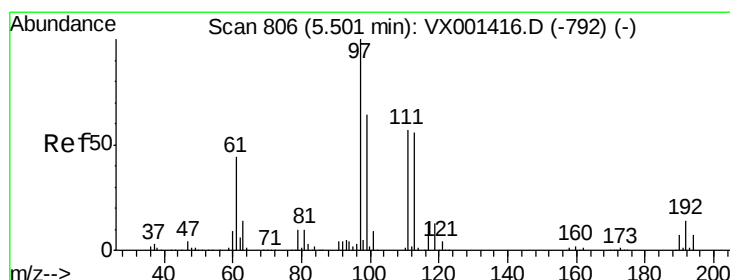
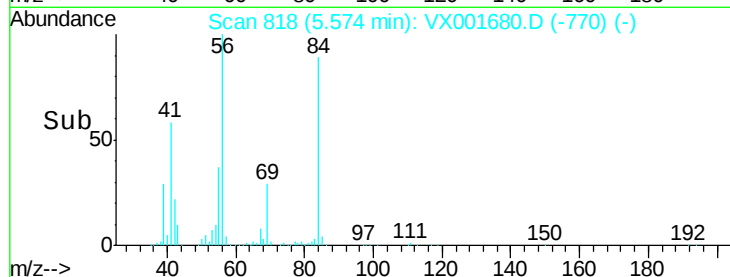
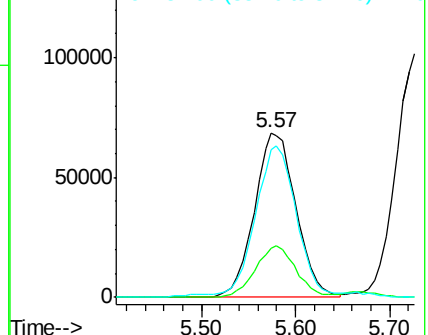
84 88.0 73.8 110.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.54 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

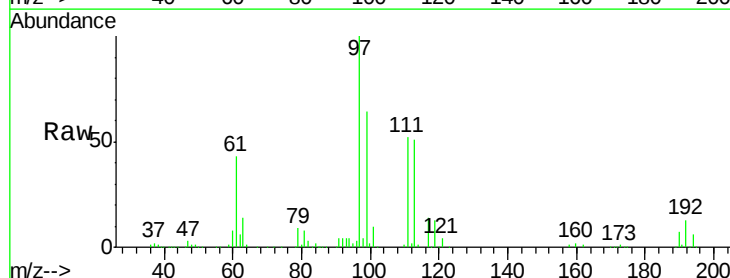
Tgt Ion: 97 Resp: 240763

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

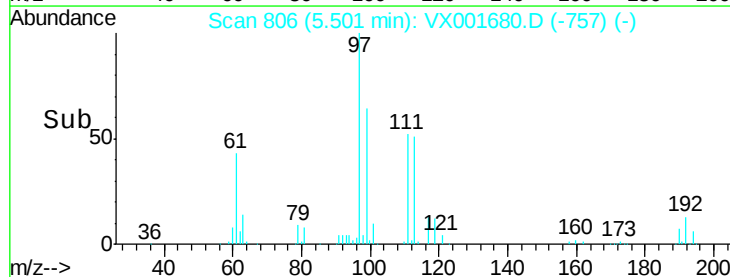
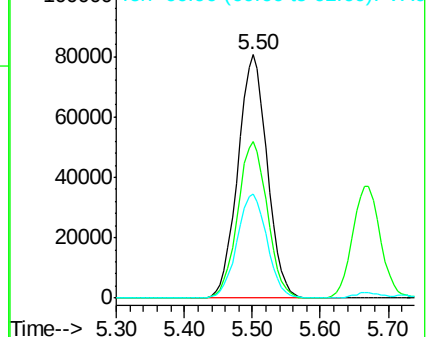
61 43.9 34.8 52.2

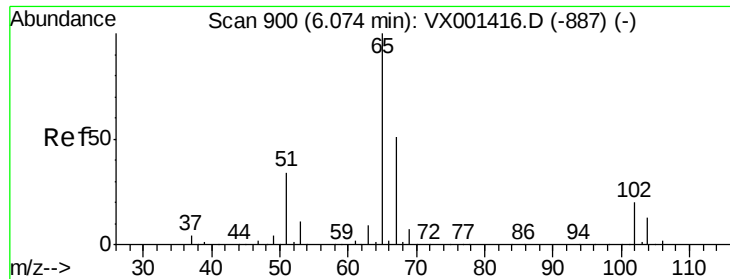


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

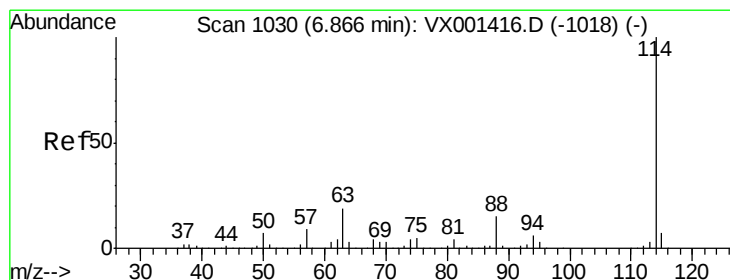
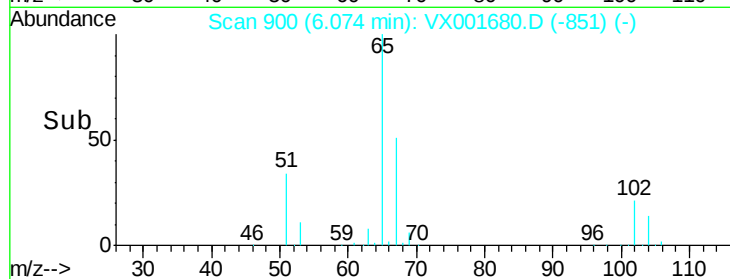
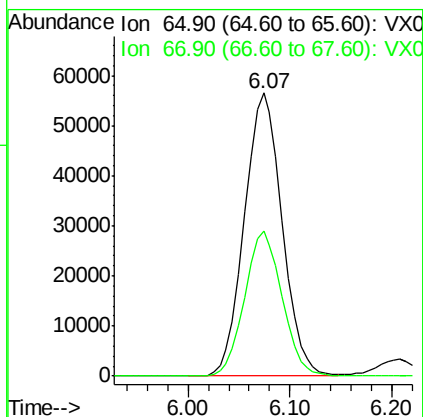
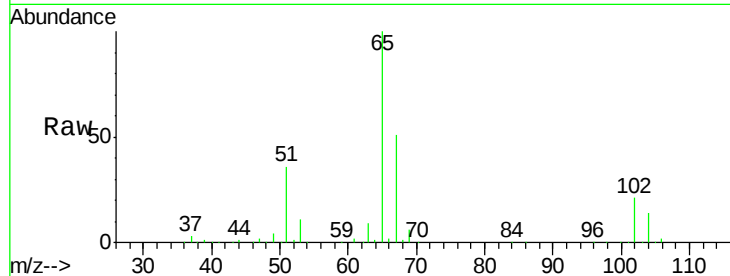




#33
 1,2-Dichloroethane-d4
 Concen: 45.28 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

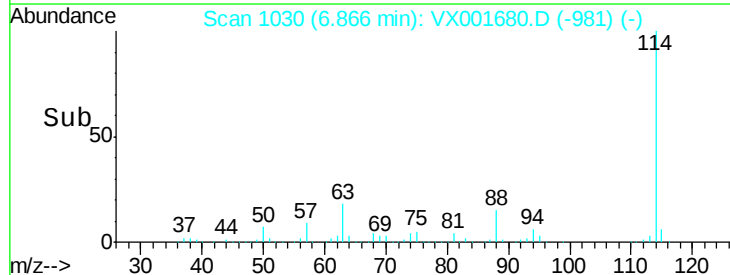
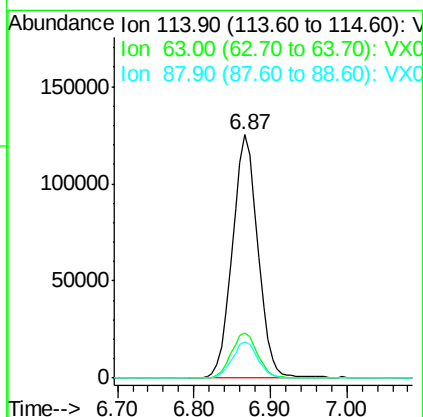
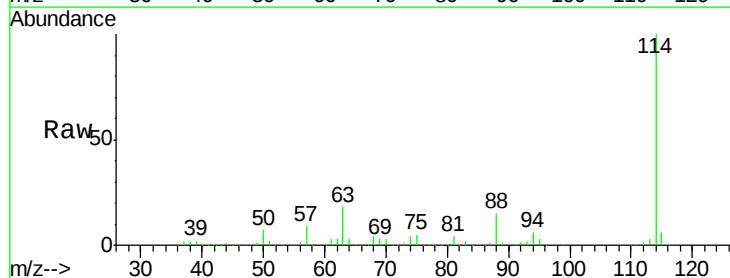
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

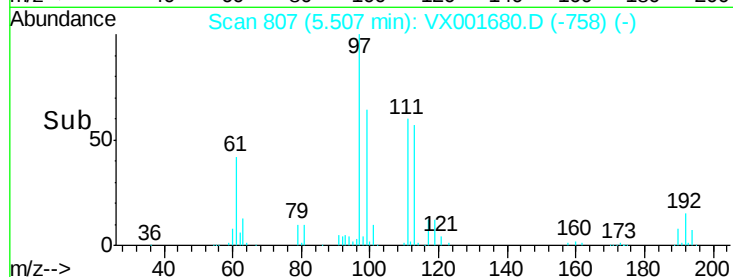
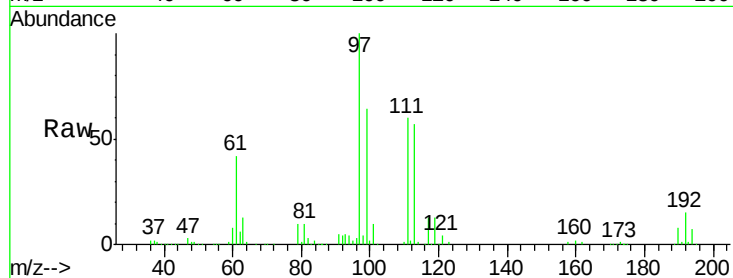
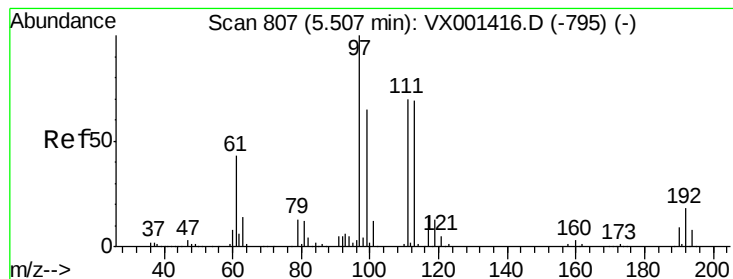
Tgt Ion: 65 Resp: 145532
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion: 114 Resp: 289461
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.6
 88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.83 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

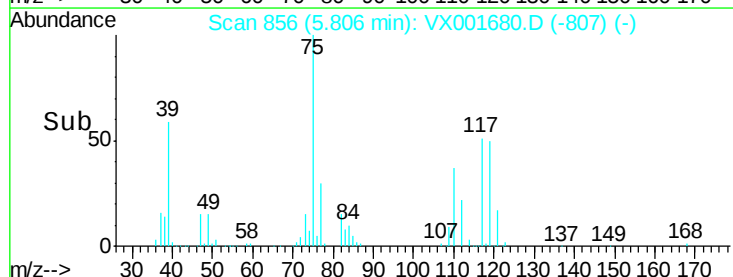
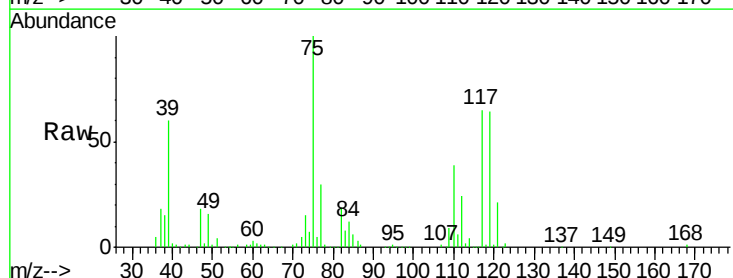
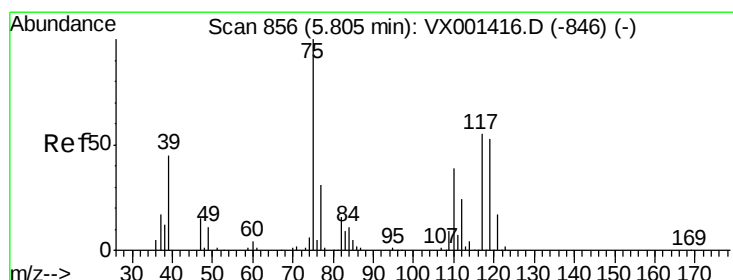
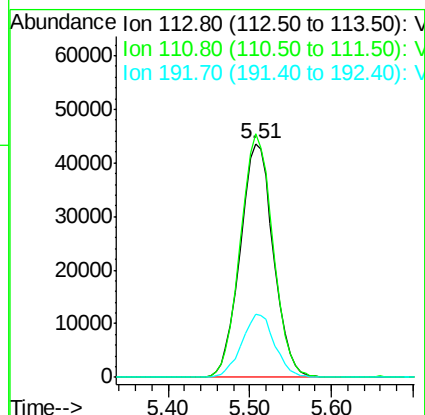
Tgt Ion:113 Resp: 123153

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 26.9 21.4 32.0



#36

1,1-Dichloropropene

Concen: 51.29 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

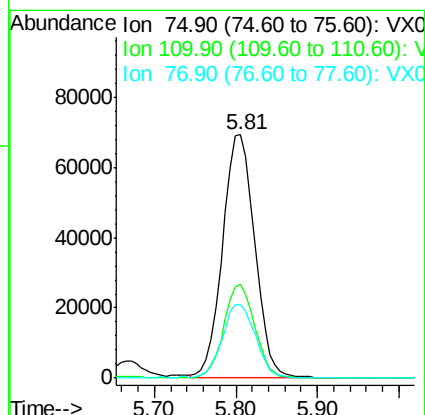
Tgt Ion: 75 Resp: 188840

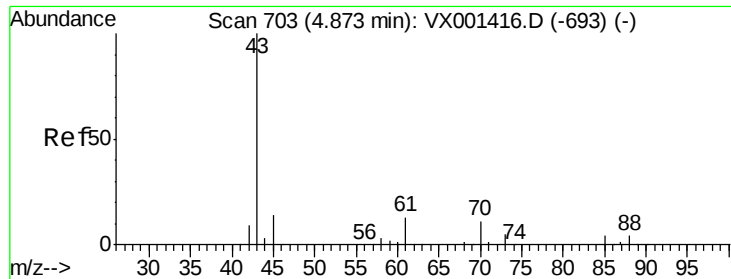
Ion Ratio Lower Upper

75 100

110 37.4 18.9 56.7

77 31.2 24.9 37.3

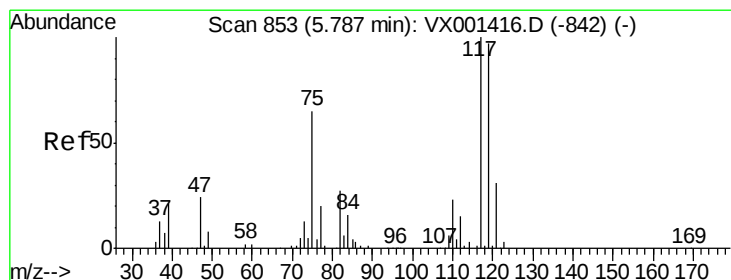
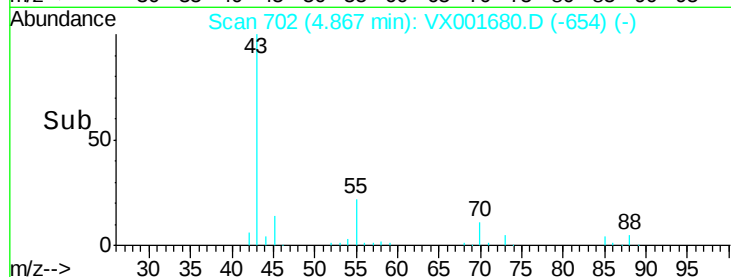
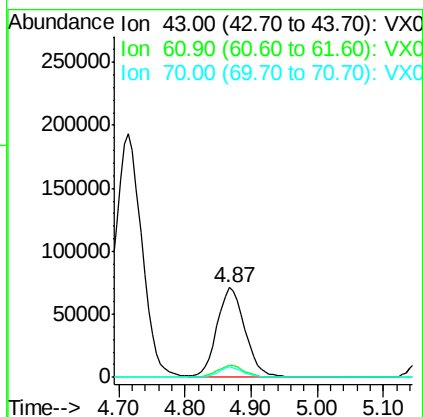
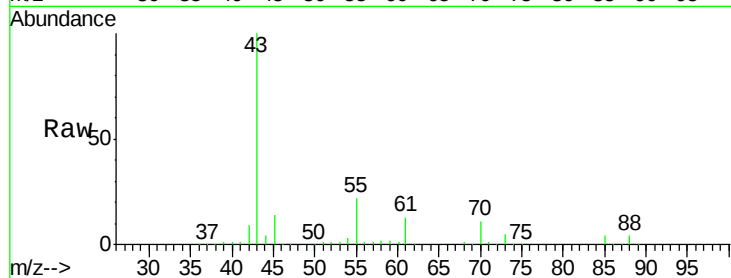




#37
Ethyl Acetate
Concen: 51.74 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

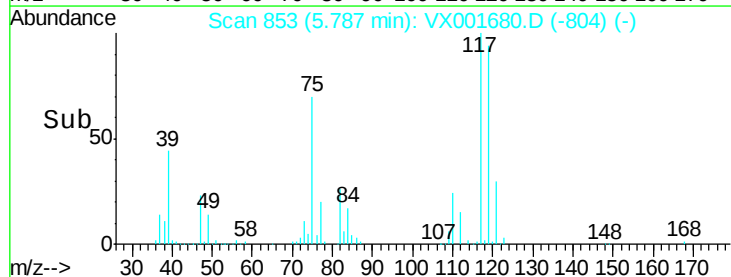
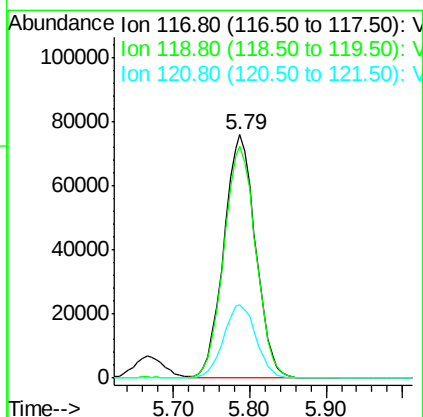
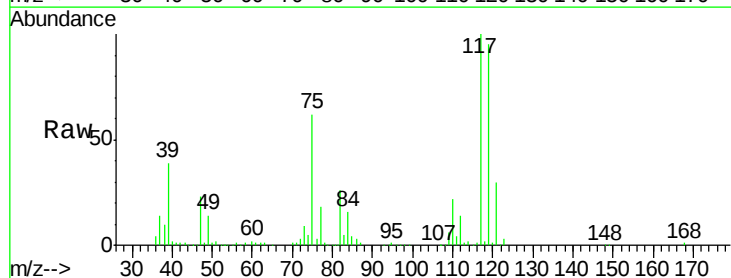
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

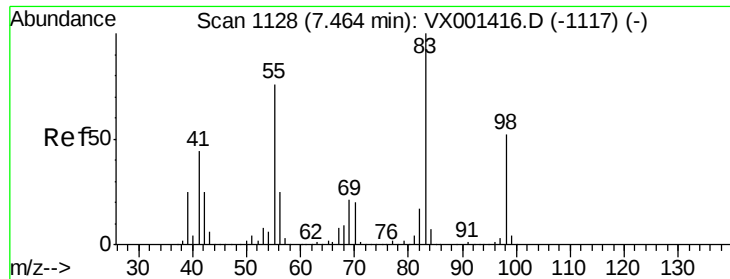
Tgt Ion: 43 Resp: 208819
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 55.31 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 117 Resp: 217183
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.6
121 30.3 25.1 37.7

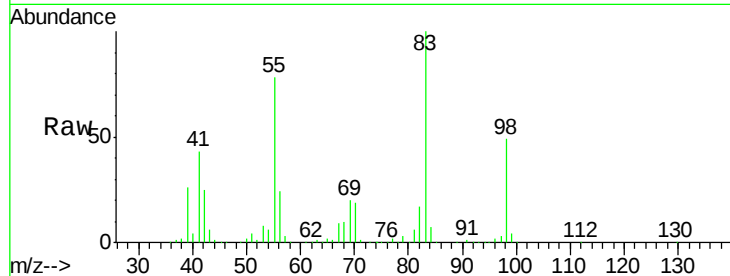




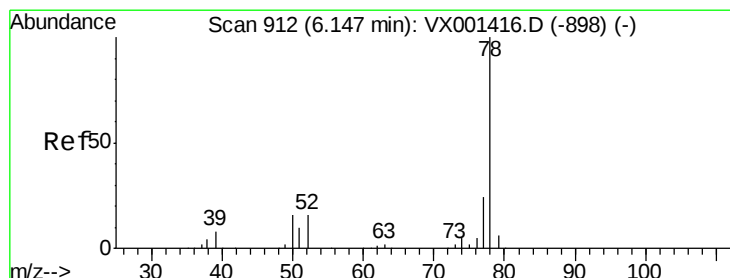
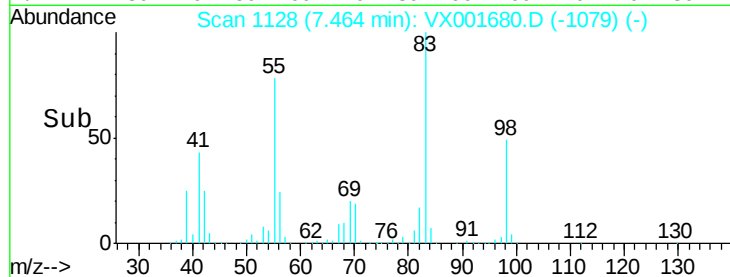
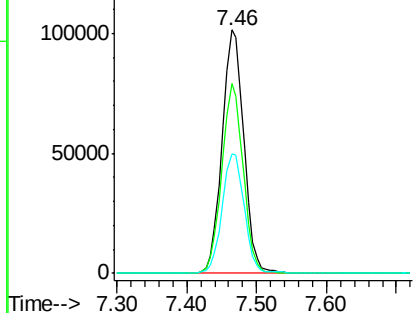
#39
Methylcyclohexane
Concen: 50.46 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 219648
Ion Ratio Lower Upper
83 100
55 77.8 60.9 91.3
98 49.2 41.9 62.9

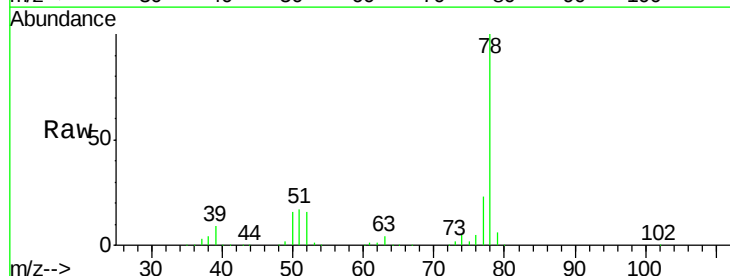


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

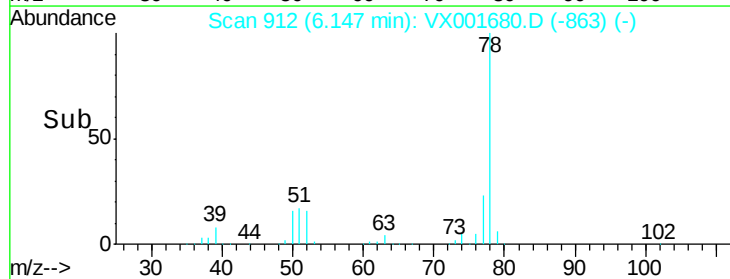
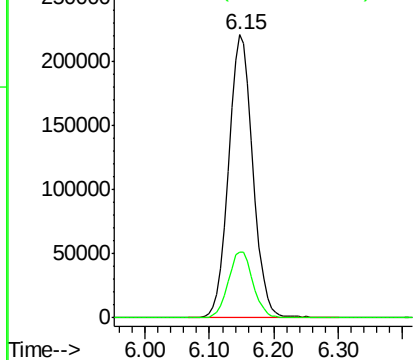


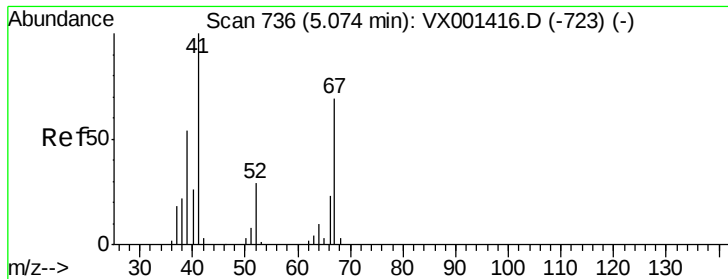
#40
Benzene
Concen: 54.17 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 78 Resp: 582606
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 52.18 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 120495

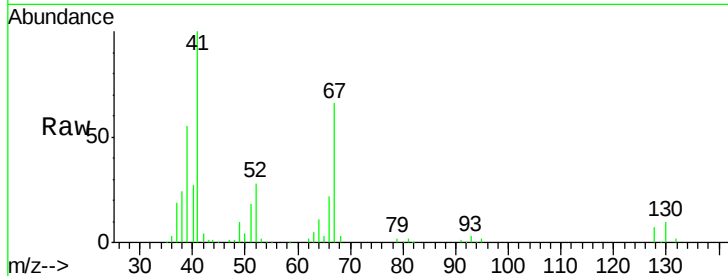
Ion Ratio Lower Upper

41 100

39 54.6 45.0 67.6

67 70.2 55.0 82.6

52 30.0 23.4 35.0

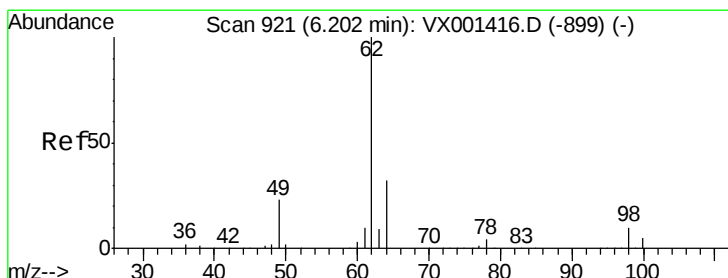
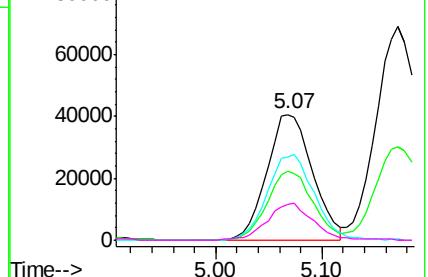
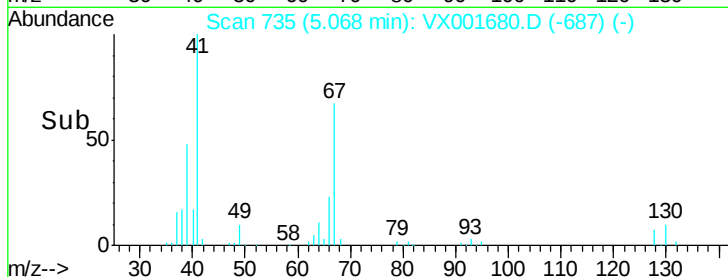


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.81 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001680.D

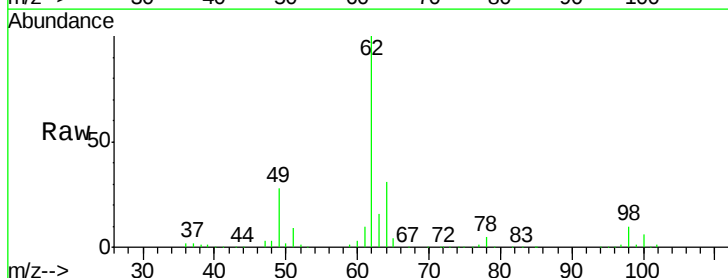
Acq: 12 May 2018 21:35

Tgt Ion: 62 Resp: 222430

Ion Ratio Lower Upper

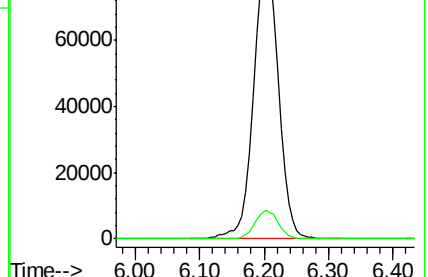
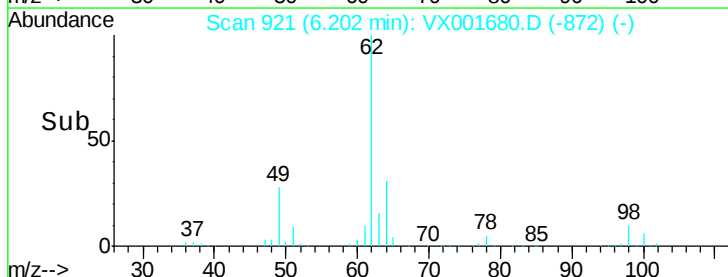
62 100

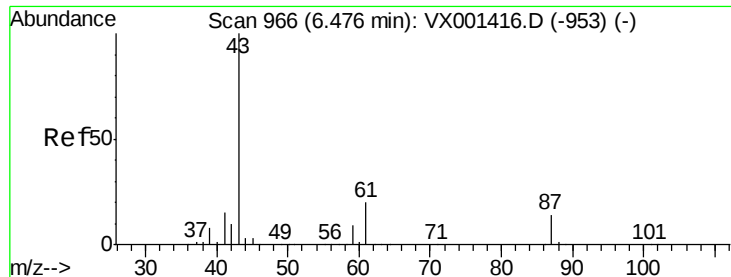
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.12 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

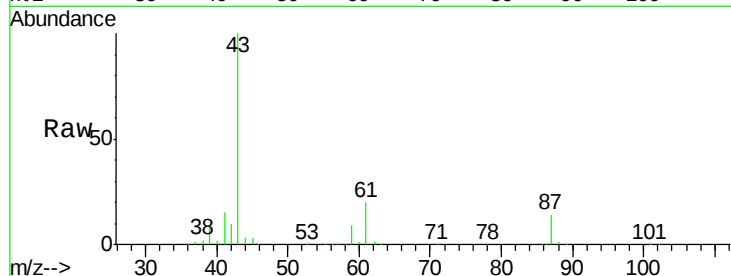
Tgt Ion: 43 Resp: 329116

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

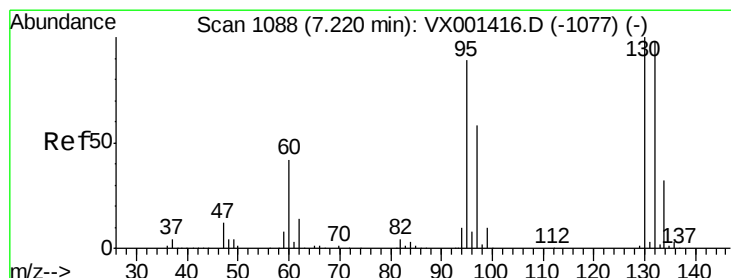
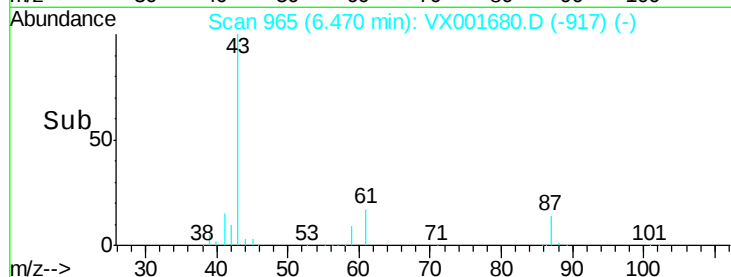
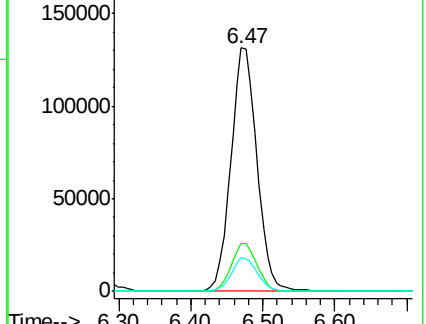
87 13.8 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.57 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001680.D

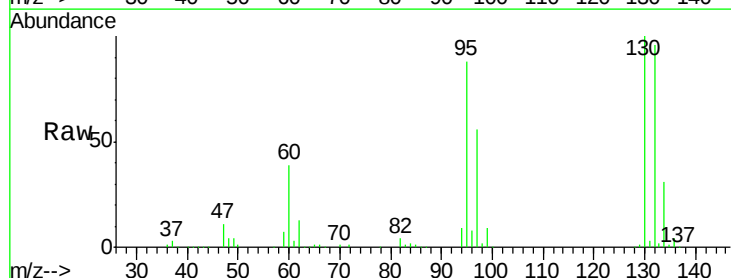
Acq: 12 May 2018 21:35

Tgt Ion: 130 Resp: 176096

Ion Ratio Lower Upper

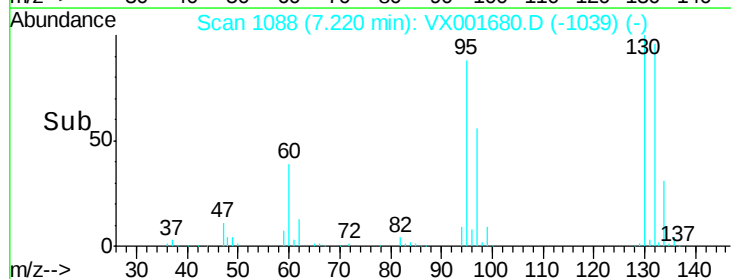
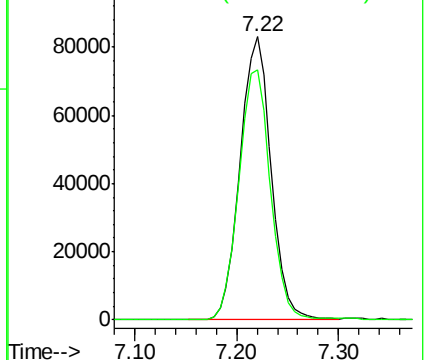
130 100

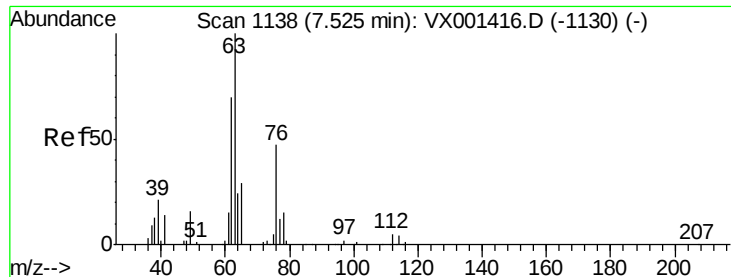
95 88.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.68 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

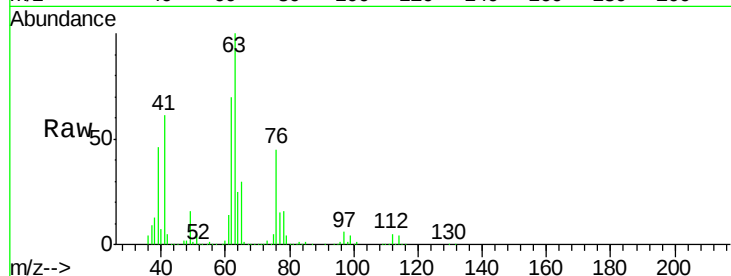
VSTDCCC050

Tgt Ion: 63 Resp: 146615

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

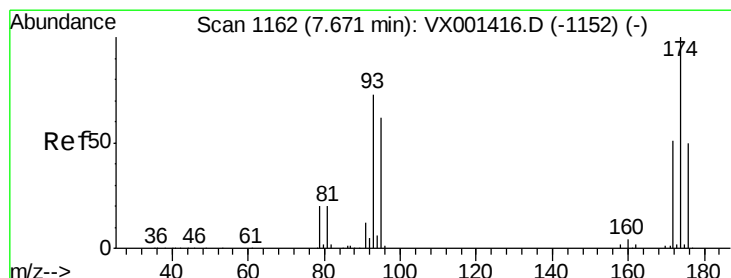
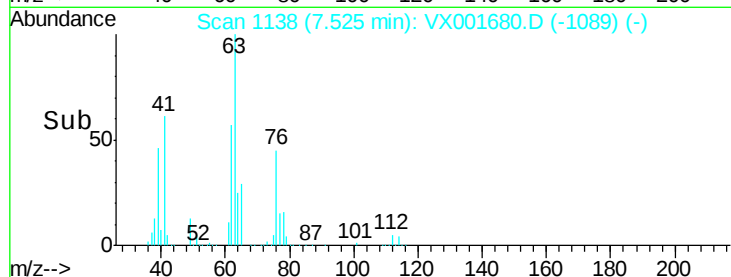
60000

40000

20000

0

Time--> 7.40 7.50 7.60



#46

Dibromomethane

Concen: 53.94 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

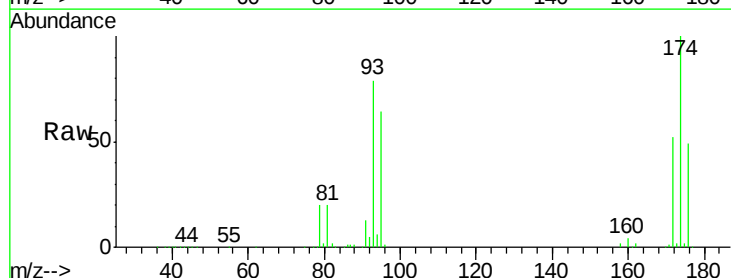
Tgt Ion: 93 Resp: 102384

Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.4

174 132.6 104.5 156.7



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

80000

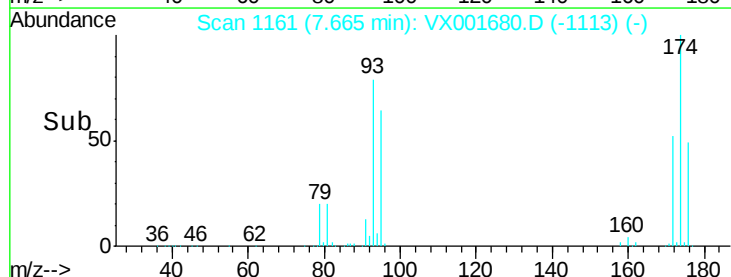
60000

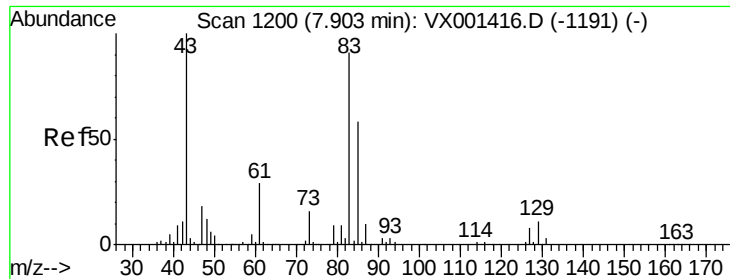
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 57.70 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

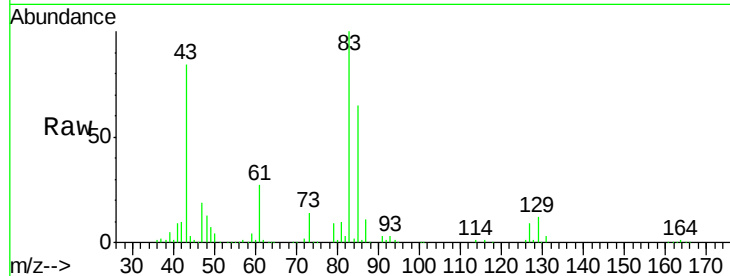
Tgt Ion: 83 Resp: 202673

Ion Ratio Lower Upper

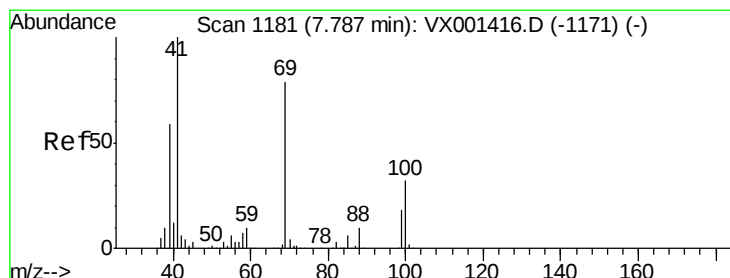
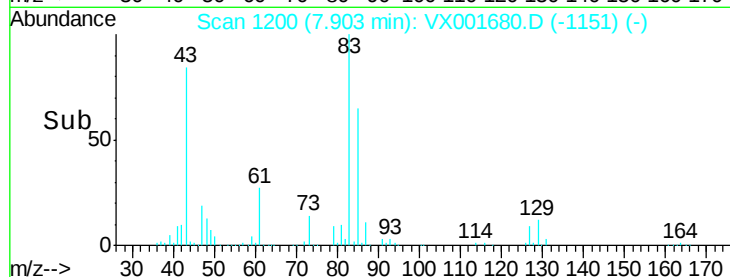
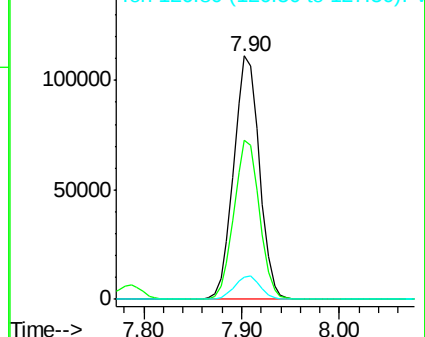
83 100

85 65.2 51.0 76.6

127 9.3 7.4 11.2



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: 53.07 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

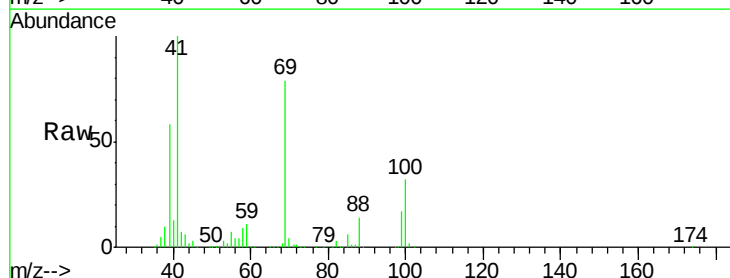
Tgt Ion: 41 Resp: 179042

Ion Ratio Lower Upper

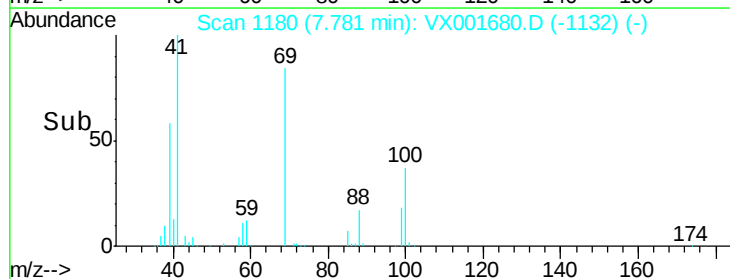
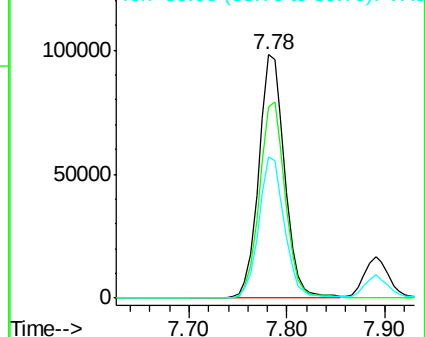
41 100

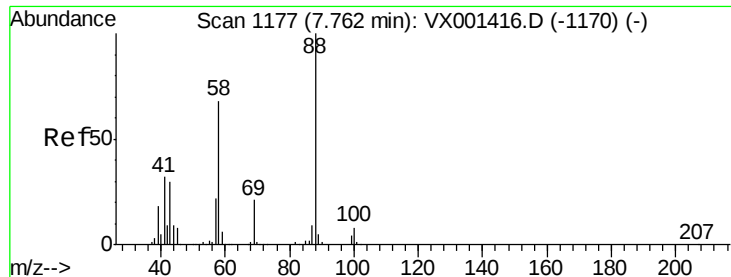
69 81.3 63.4 95.2

39 57.4 47.0 70.4



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: 1047.01 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

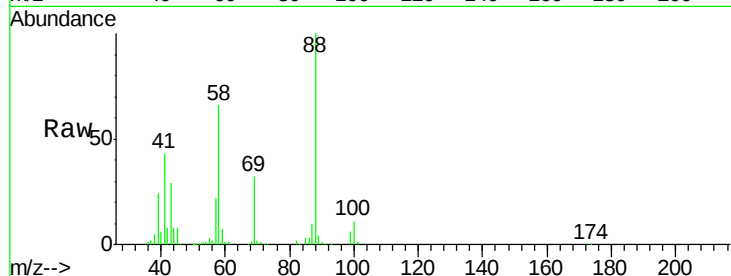
Tgt Ion: 88 Resp: 76318

Ion Ratio Lower Upper

88 100

43 33.6 26.4 39.6

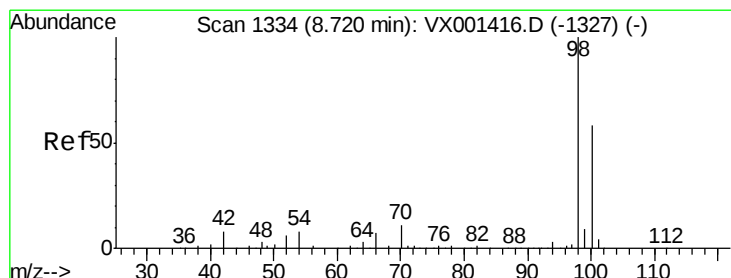
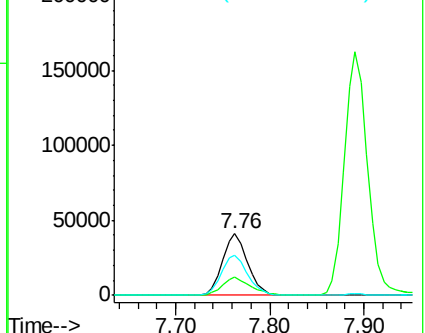
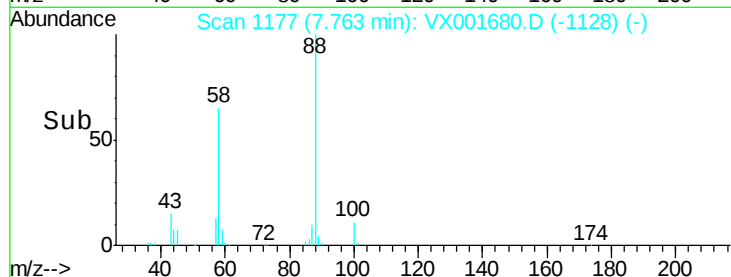
58 69.0 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.09 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001680.D

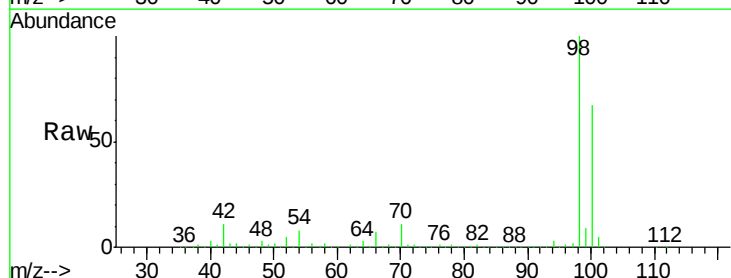
Acq: 12 May 2018 21:35

Tgt Ion: 98 Resp: 433177

Ion Ratio Lower Upper

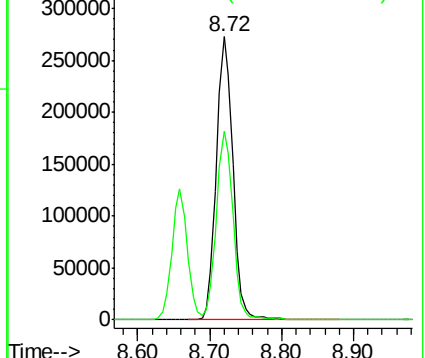
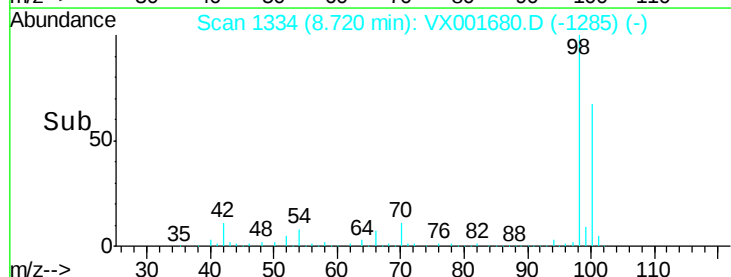
98 100

100 67.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 273.78 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

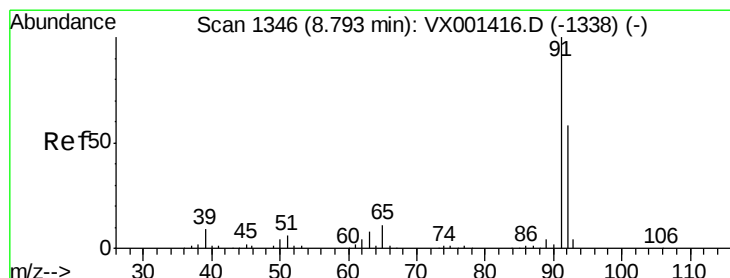
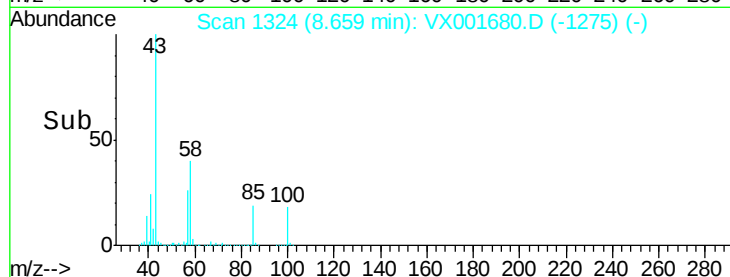
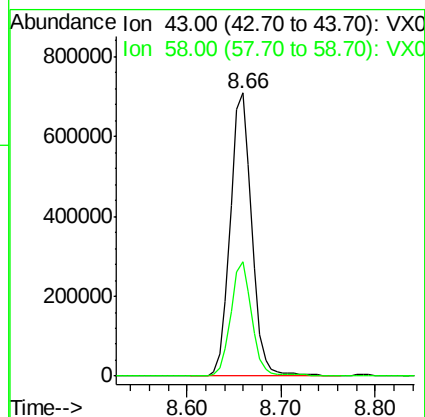
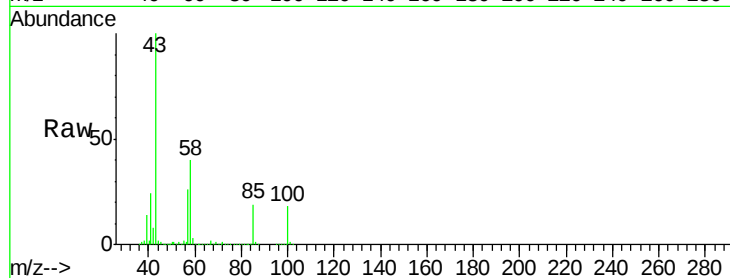
VSTDCCC050

Tgt Ion: 43 Resp: 1127268

Ion Ratio Lower Upper

43 100

58 39.7 30.8 46.2



#52

Toluene

Concen: 54.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001680.D

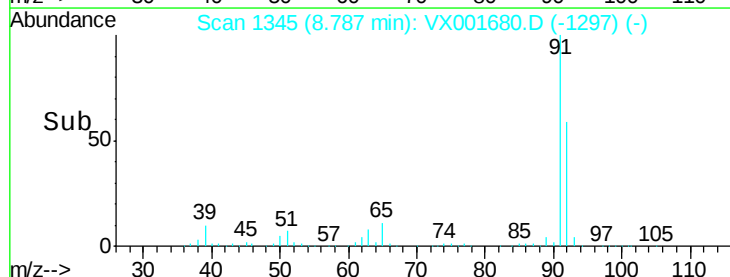
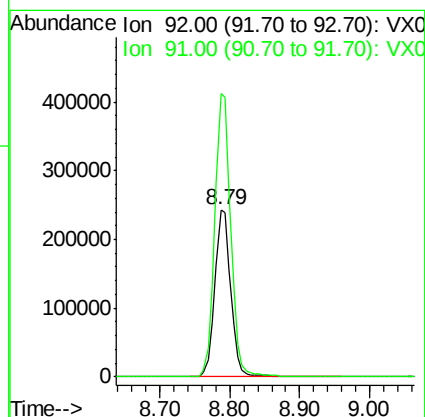
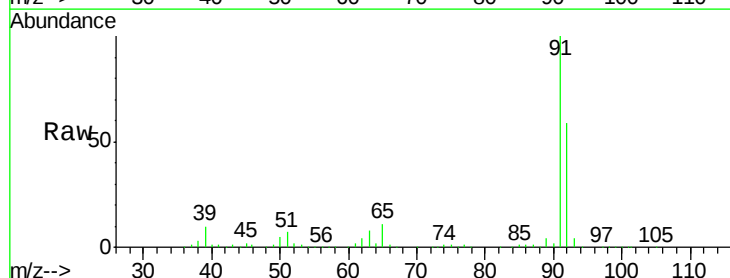
Acq: 12 May 2018 21:35

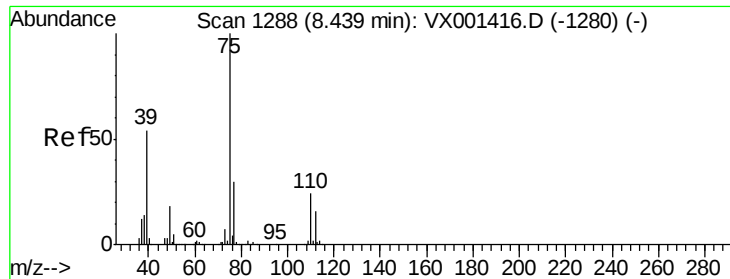
Tgt Ion: 92 Resp: 385952

Ion Ratio Lower Upper

92 100

91 170.1 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 56.95 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

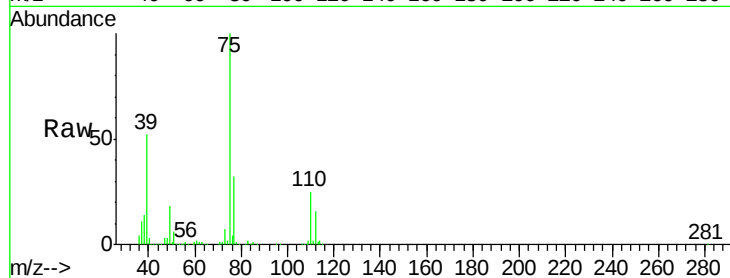
VSTDCCC050

Tgt Ion: 75 Resp: 226098

Ion Ratio Lower Upper

75 100

77 31.5 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

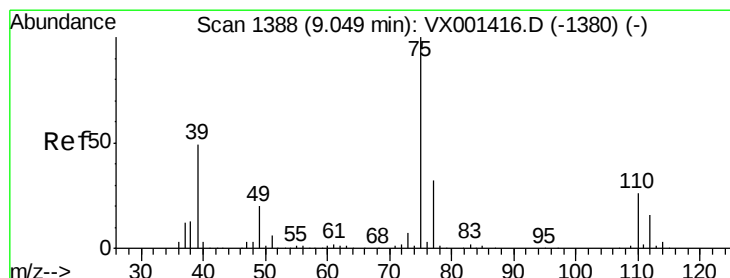
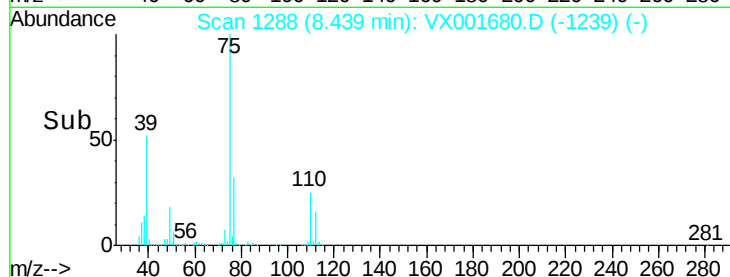
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.21 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

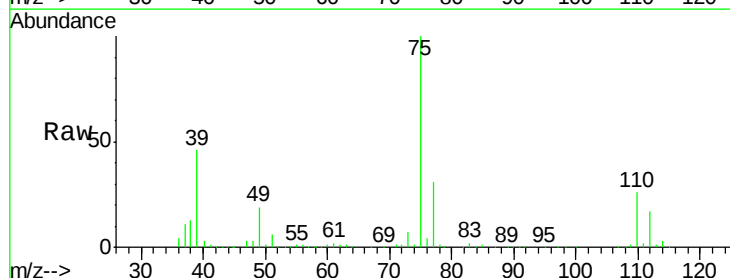
Tgt Ion: 75 Resp: 206134

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 46.3 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

200000

150000

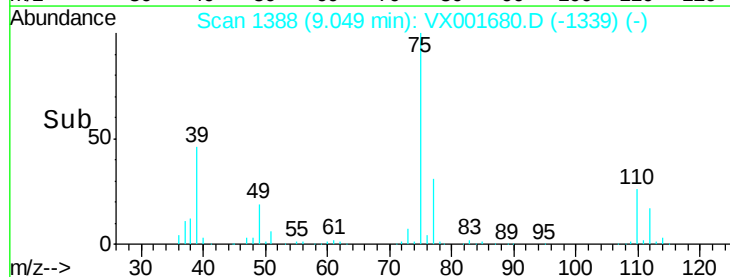
100000

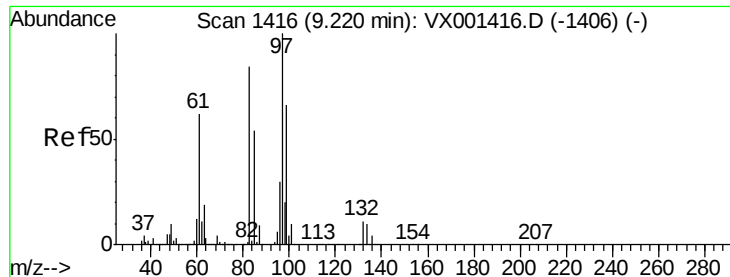
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->





#55

1,1,2-Trichloroethane

Concen: 54.35 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 153981

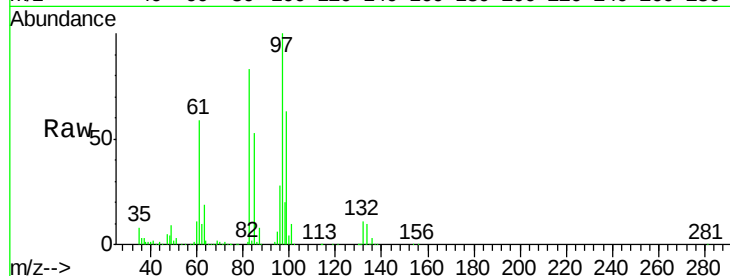
Ion Ratio Lower Upper

97 100

83 82.7 67.4 101.0

85 53.1 43.3 64.9

99 63.5 52.5 78.7

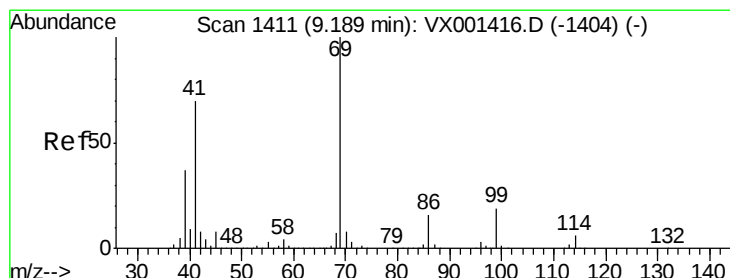
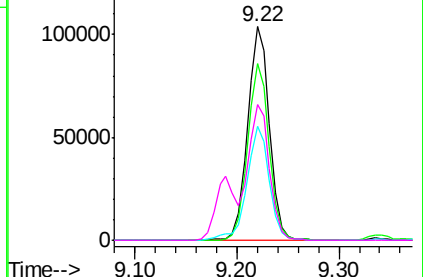
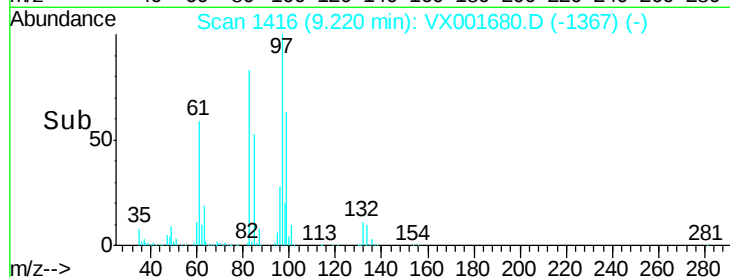


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.80 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

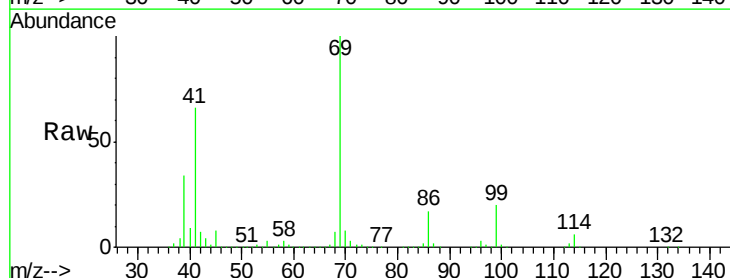
Tgt Ion: 69 Resp: 219712

Ion Ratio Lower Upper

69 100

41 67.5 55.1 82.7

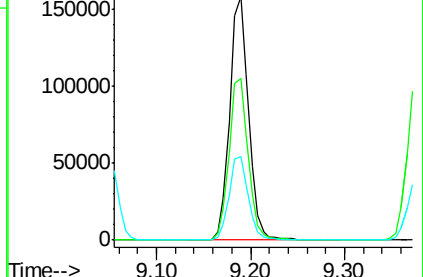
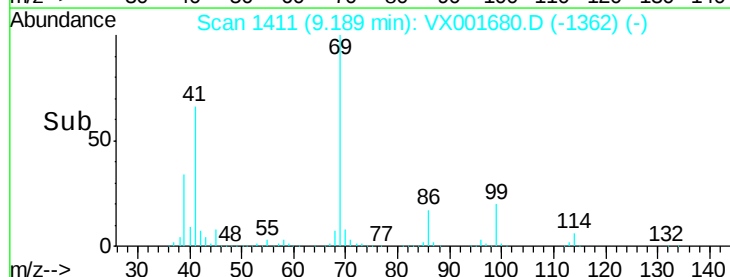
39 34.9 29.9 44.9

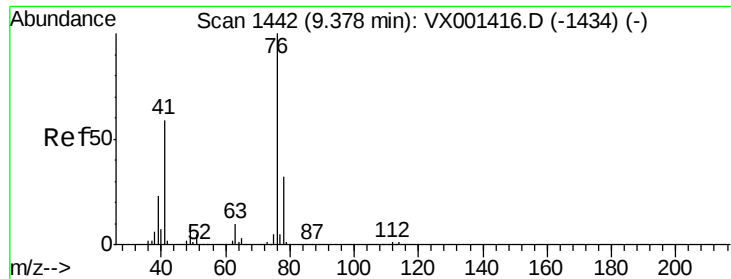


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.64 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

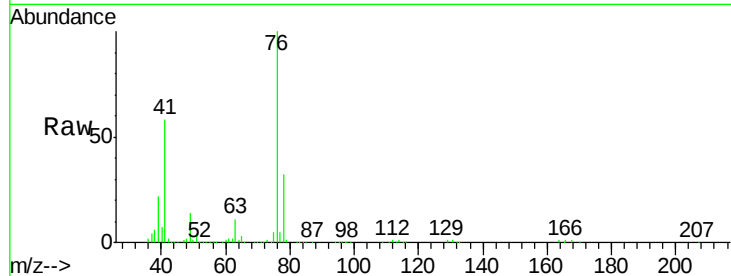
VSTDCCC050

Tgt Ion: 76 Resp: 251267

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

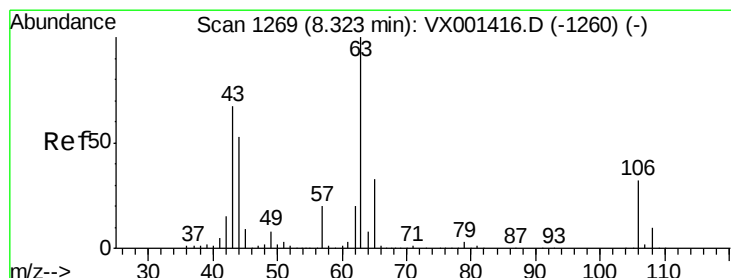
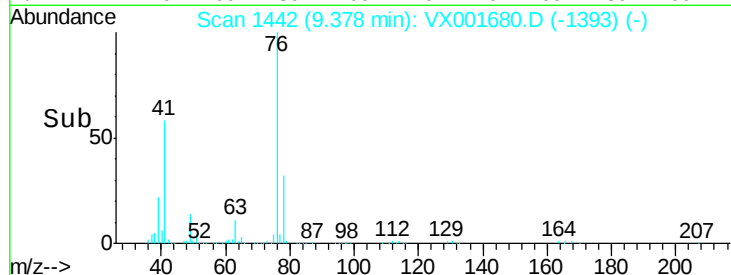
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 286.39 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001680.D

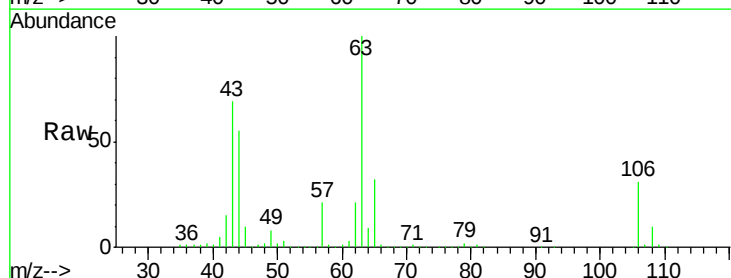
Acq: 12 May 2018 21:35

Tgt Ion: 63 Resp: 573649

Ion Ratio Lower Upper

63 100

106 31.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

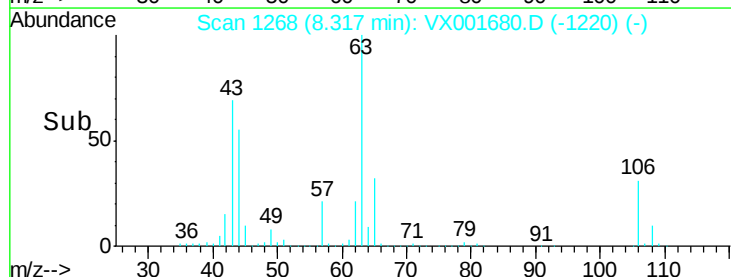
300000

200000

100000

0

Time-->

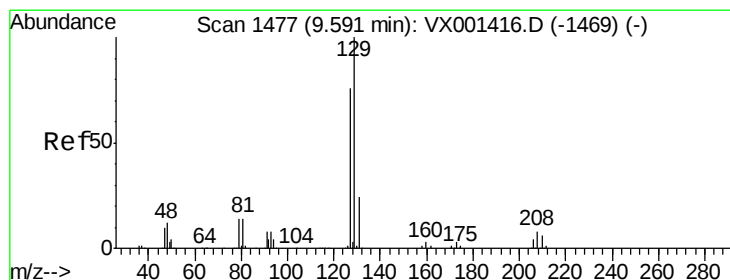
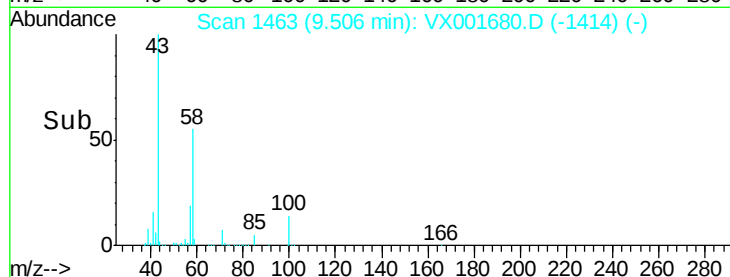
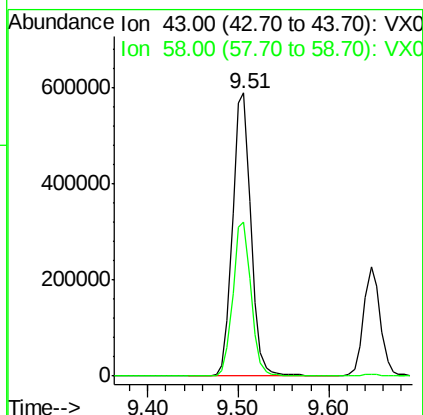
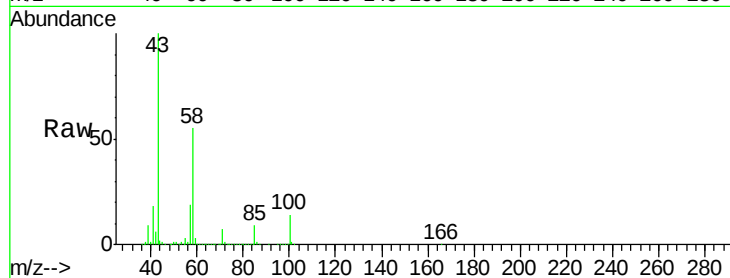




#59
2-Hexanone
Concen: 261.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

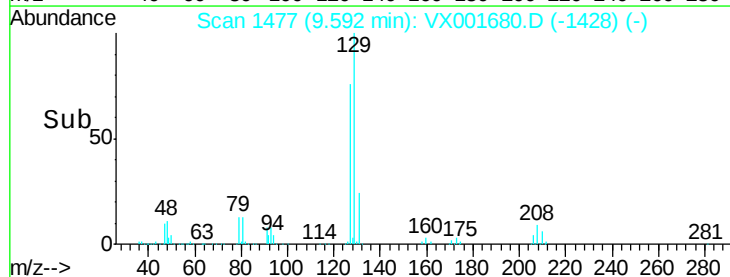
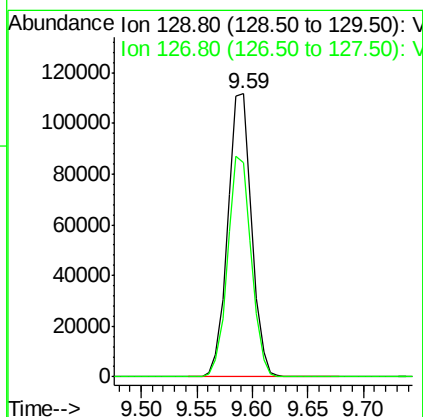
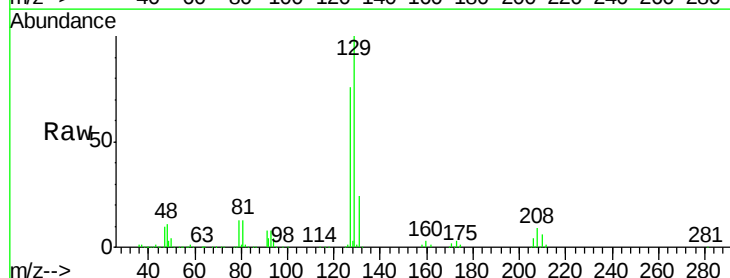
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

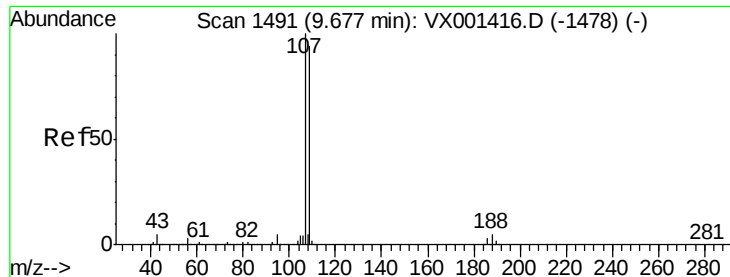
Tgt Ion: 43 Resp: 825772
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.2



#60
Dibromochloromethane
Concen: 56.89 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 129 Resp: 165040
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 53.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

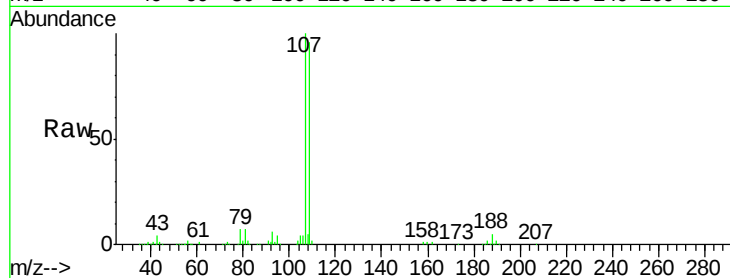
VSTDCCC050

Tgt Ion: 107 Resp: 159356

Ion Ratio Lower Upper

107 100

109 94.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

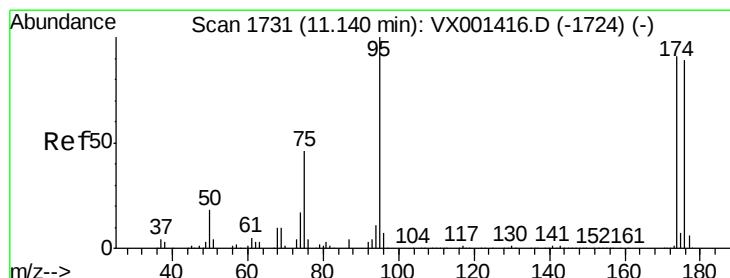
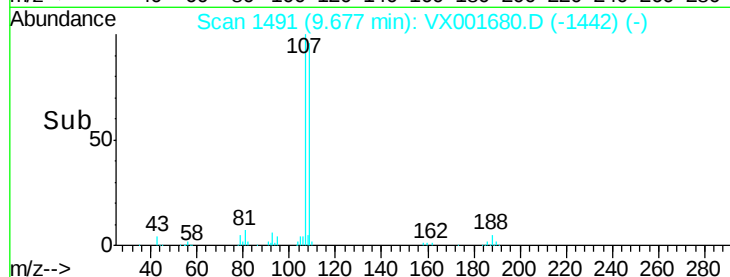
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

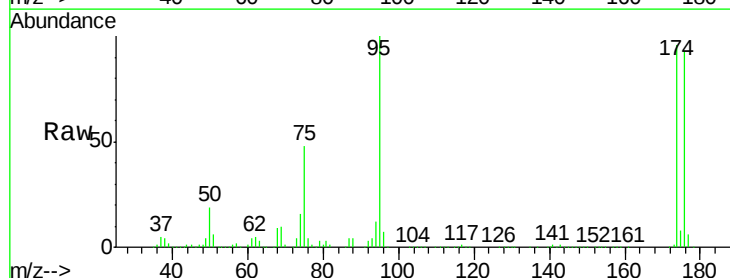
Tgt Ion: 95 Resp: 161341

Ion Ratio Lower Upper

95 100

174 102.4 0.0 202.0

176 99.5 0.0 197.4



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

11.14

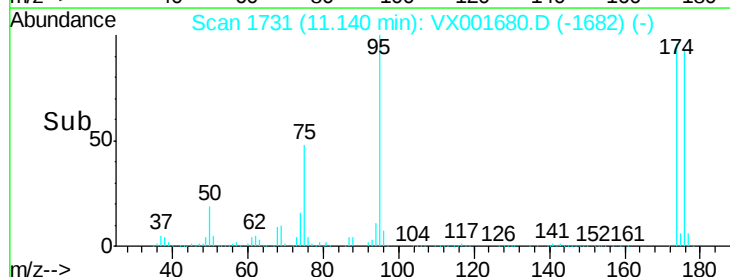
150000

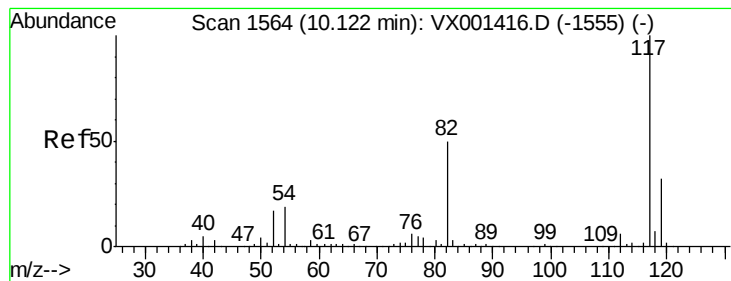
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

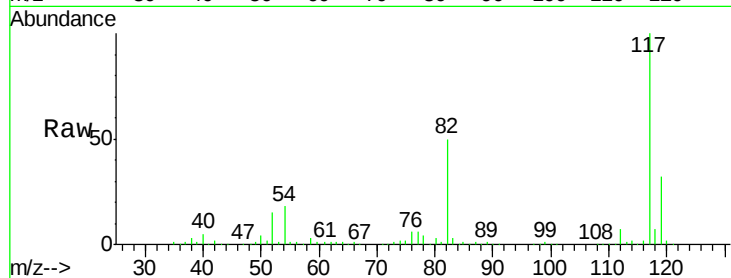
Tgt Ion:117 Resp: 271614

Ion Ratio Lower Upper

117 100

82 49.8 40.0 60.0

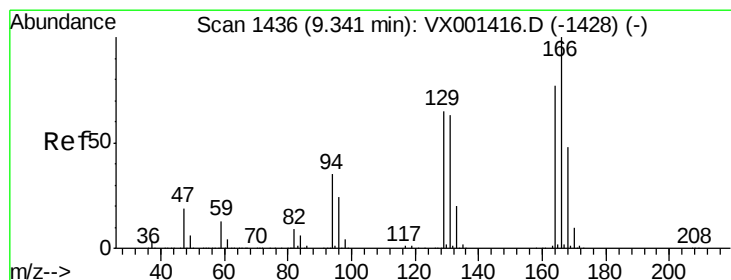
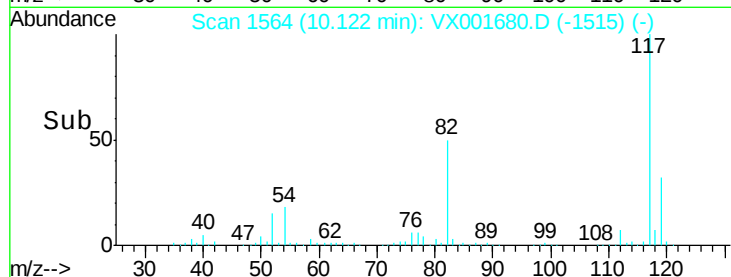
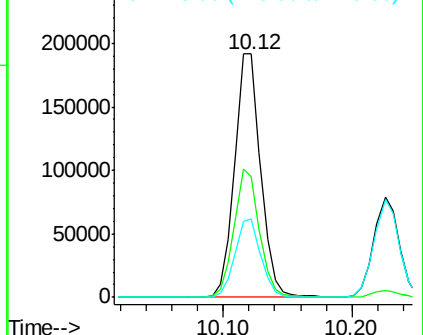
119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 54.12 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:164 Resp: 204891

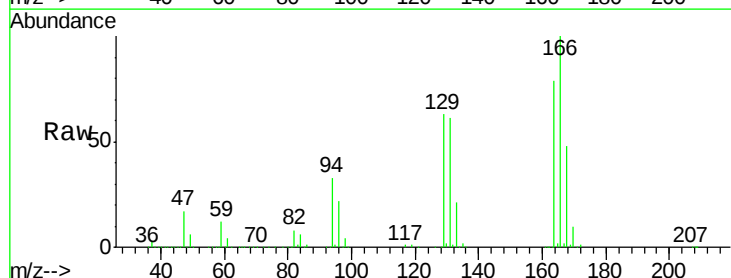
Ion Ratio Lower Upper

164 100

166 126.9 103.5 155.3

129 80.4 66.7 100.1

131 77.7 64.9 97.3

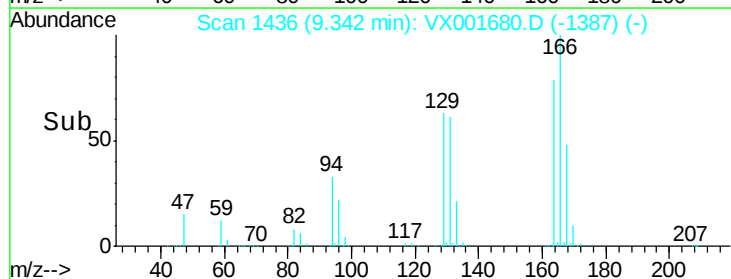
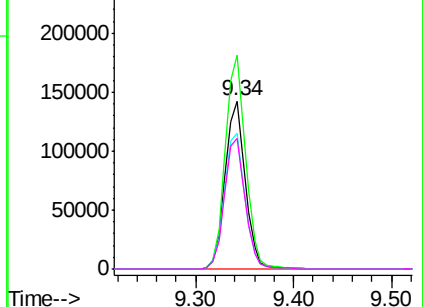


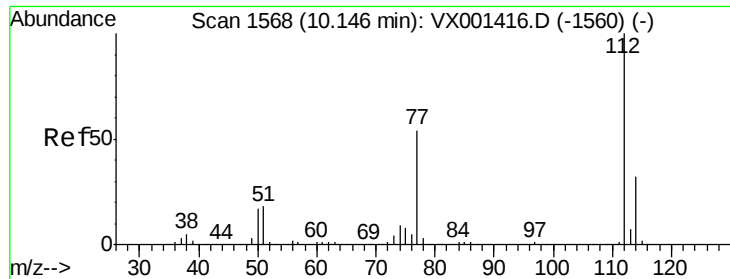
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

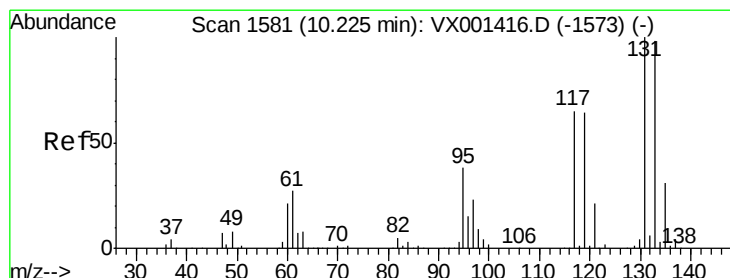
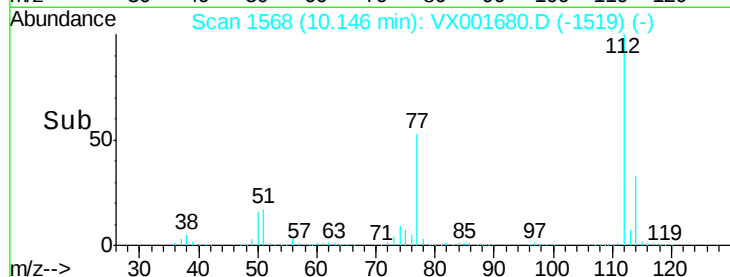
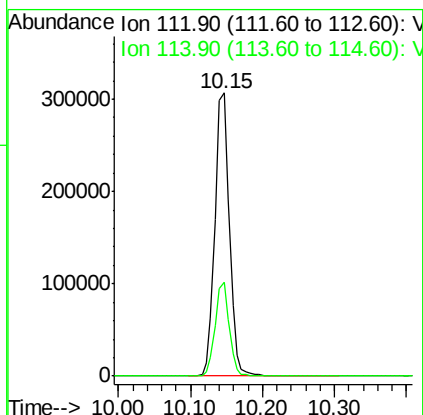
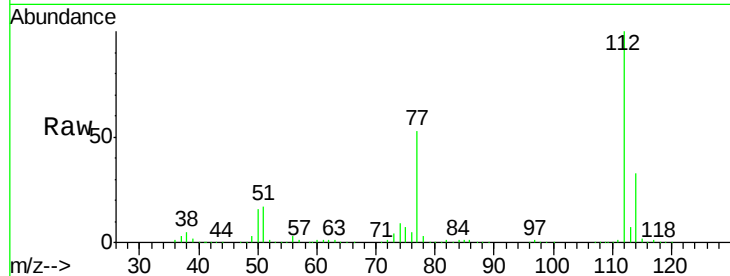




#65
Chlorobenzene
Concen: 53.71 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

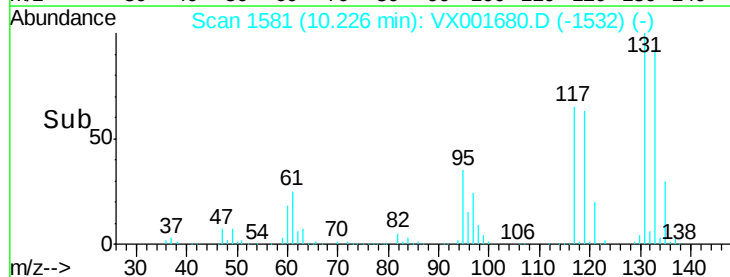
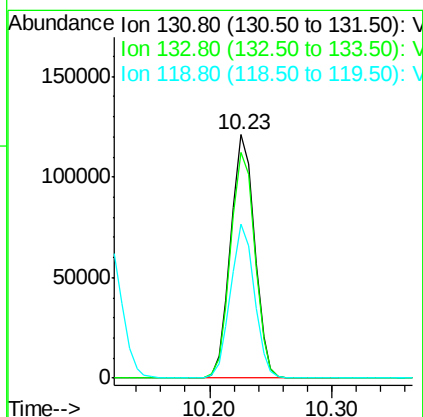
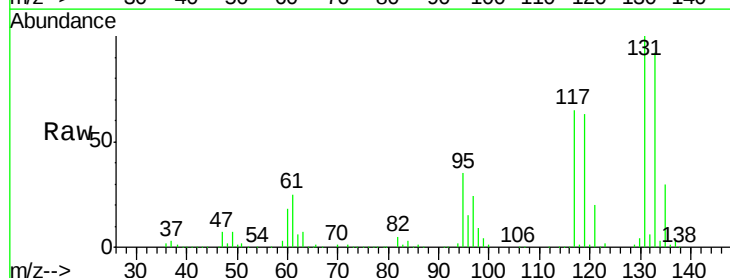
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

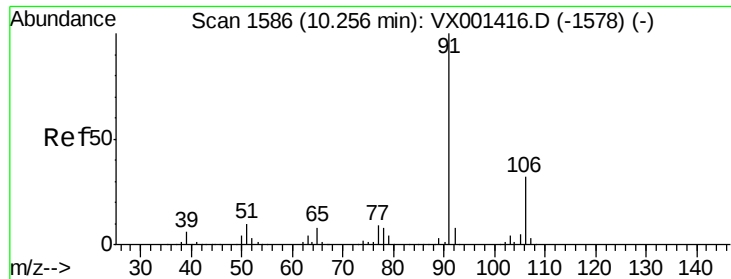
Tgt Ion:112 Resp: 427866
Ion Ratio Lower Upper
112 100
114 33.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 57.40 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion:131 Resp: 163550
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.8
119 62.9 31.1 93.3

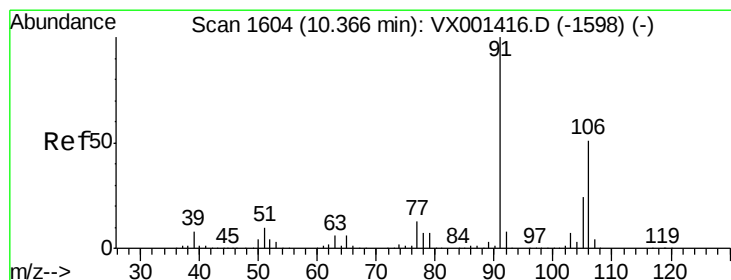
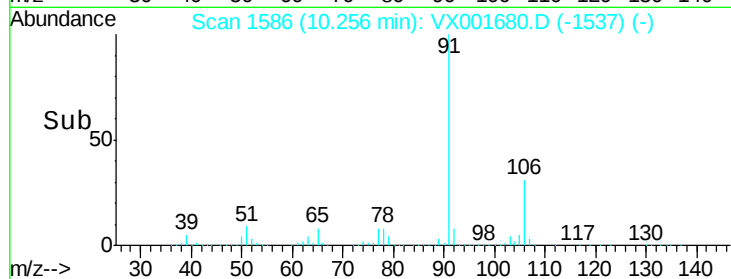
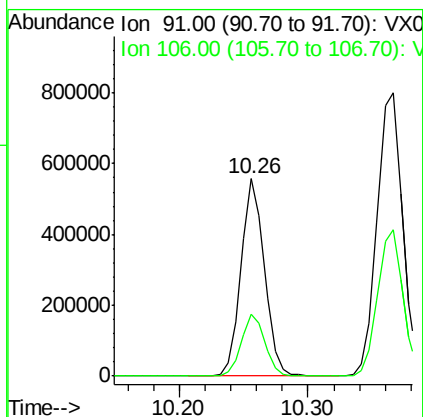
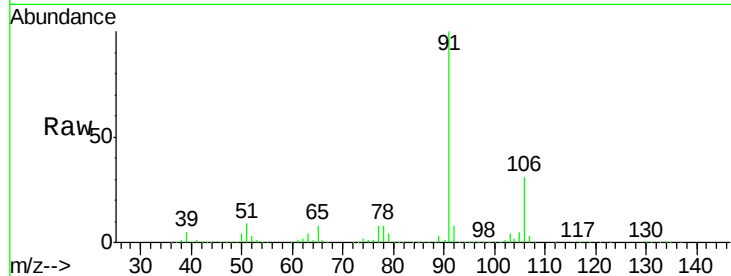




#67
Ethyl Benzene
Concen: 53.97 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

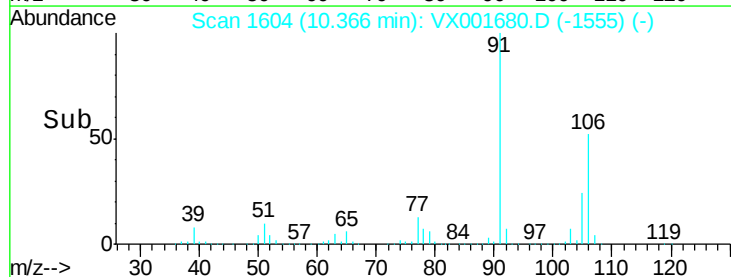
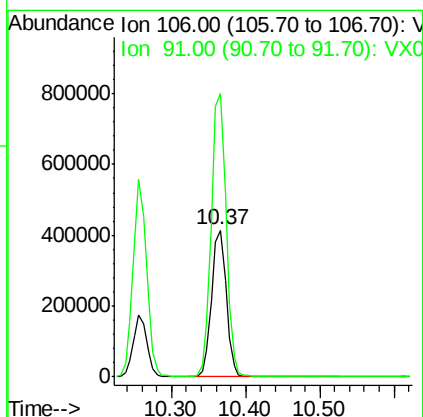
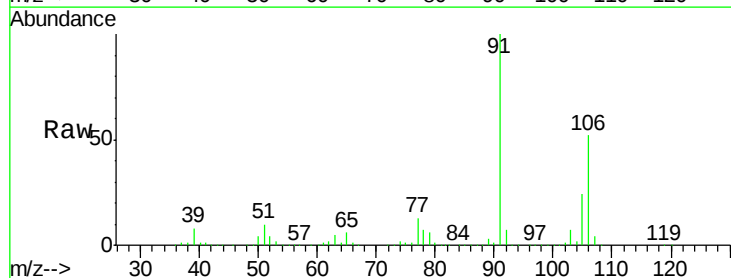
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

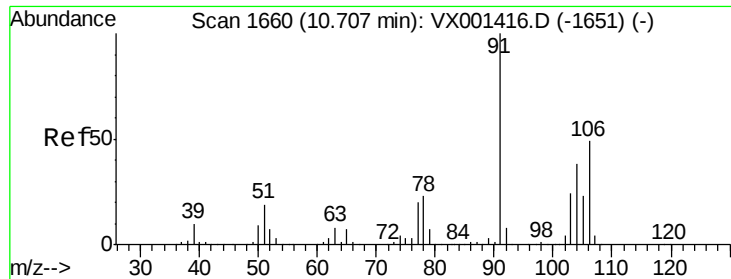
Tgt Ion: 91 Resp: 704583
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 108.70 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 106 Resp: 560753
Ion Ratio Lower Upper
106 100
91 195.1 157.5 236.3

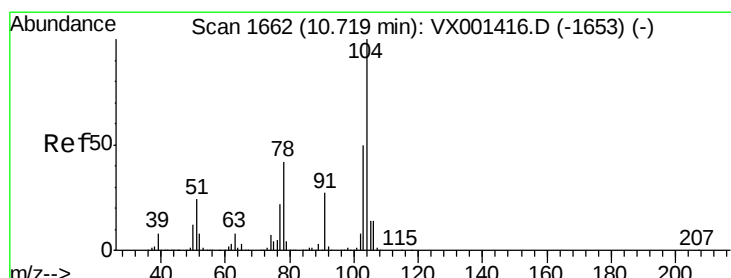
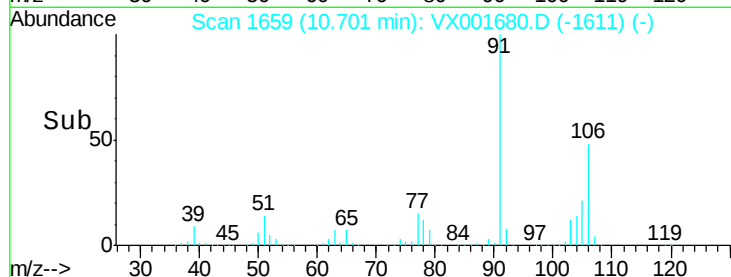
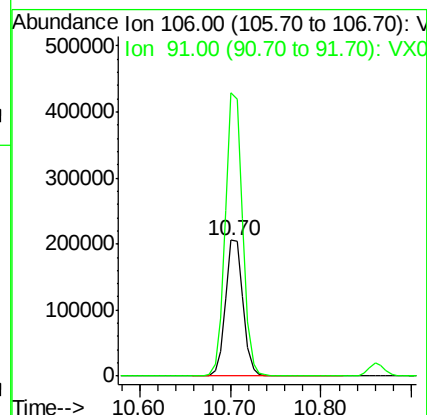
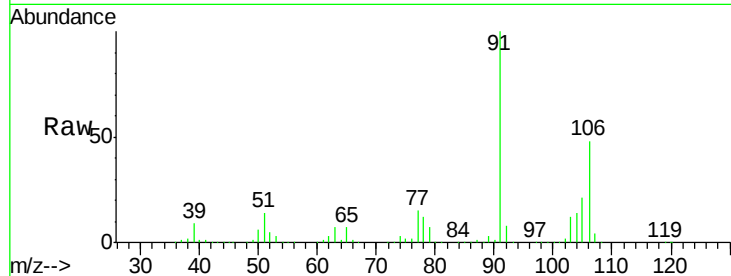




#69
o-Xylene
Concen: 54.80 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

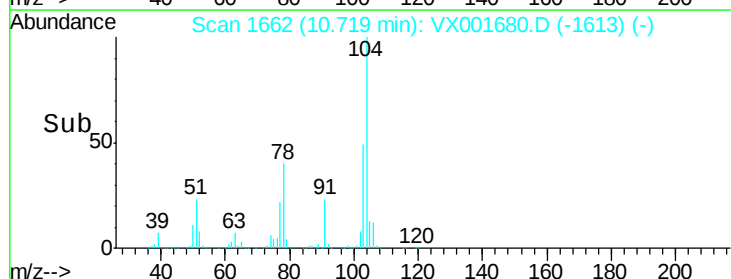
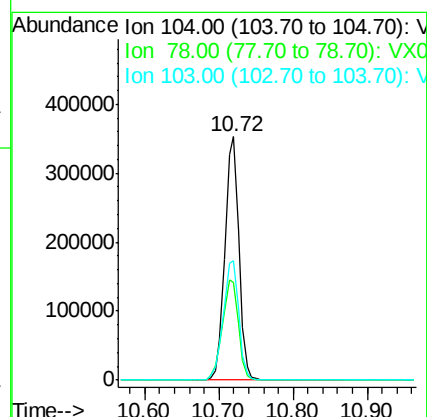
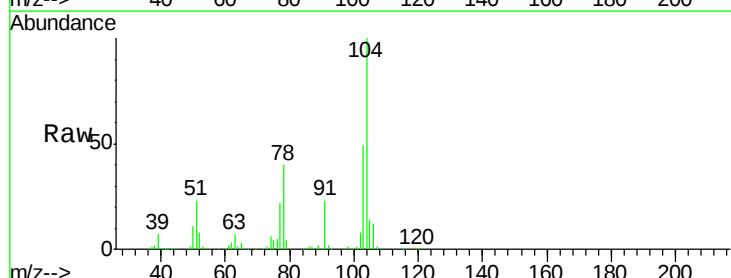
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

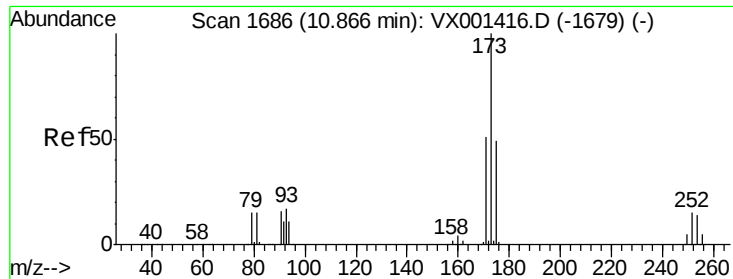
Tgt Ion:106 Resp: 274775
Ion Ratio Lower Upper
106 100
91 207.4 103.1 309.1



#70
Styrene
Concen: 56.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion:104 Resp: 460597
Ion Ratio Lower Upper
104 100
78 46.7 38.6 58.0
103 54.5 44.0 66.0





#71

Bromoform

Concen: 49.00 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

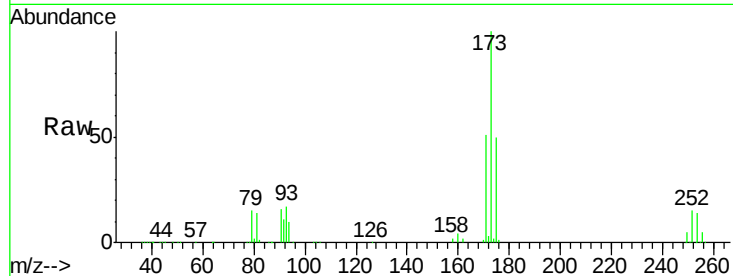
Tgt Ion:173 Resp: 134057

Ion Ratio Lower Upper

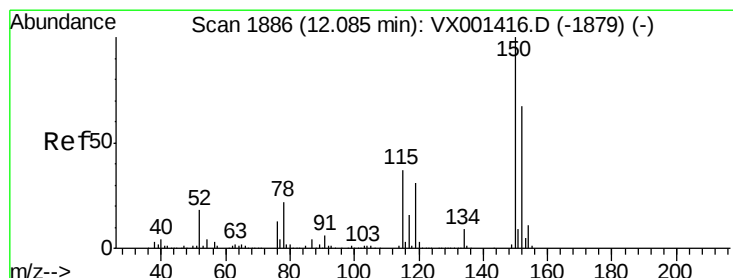
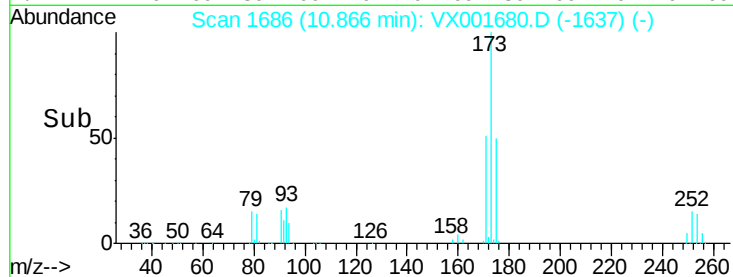
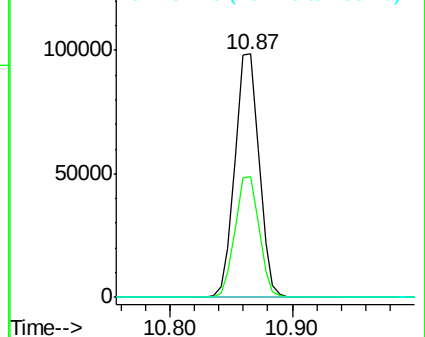
173 100

175 49.5 24.5 73.5

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: VX001680.D

Acq: 12 May 2018 21:35

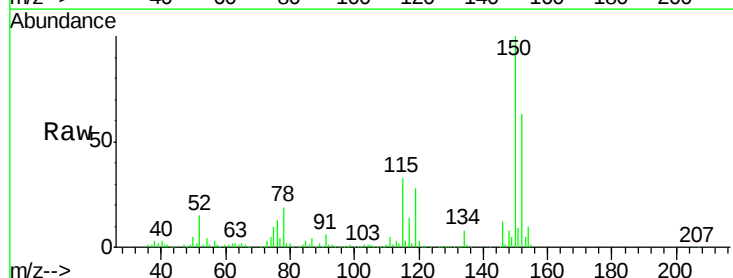
Tgt Ion:152 Resp: 194160

Ion Ratio Lower Upper

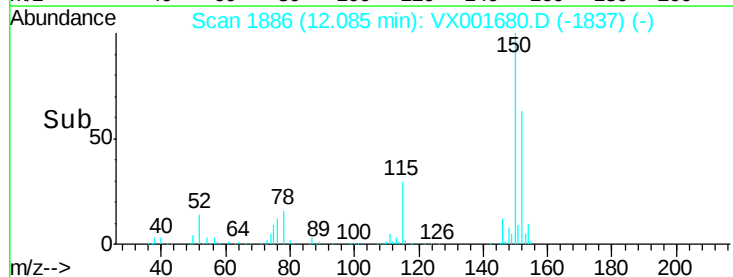
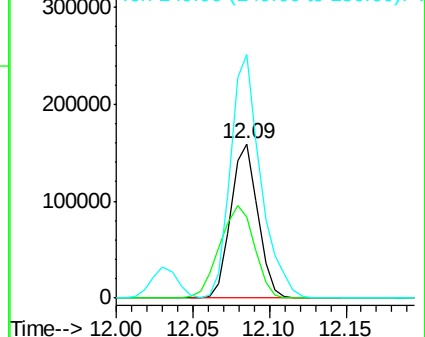
152 100

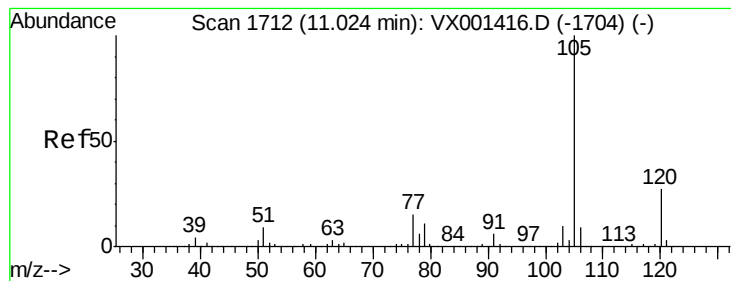
115 77.5 37.7 113.1

150 176.3 0.0 349.4



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





#73

Isopropylbenzene

Concen: 55.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

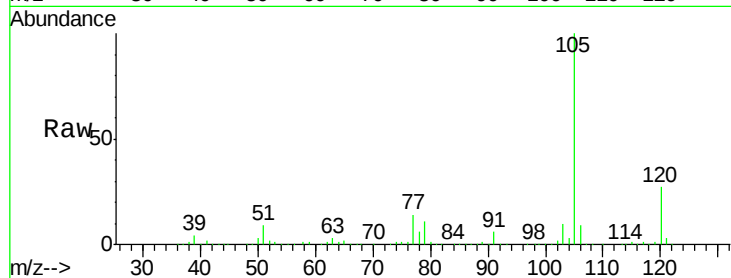
VSTDCCC050

Tgt Ion: 105 Resp: 742689

Ion Ratio Lower Upper

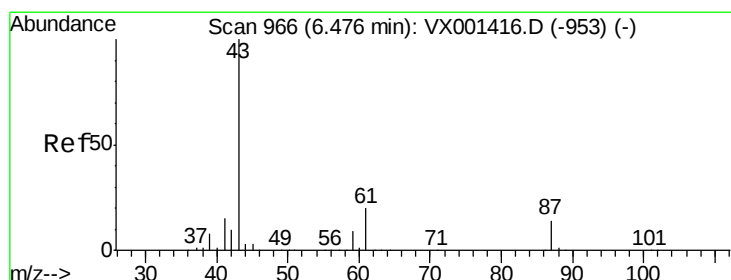
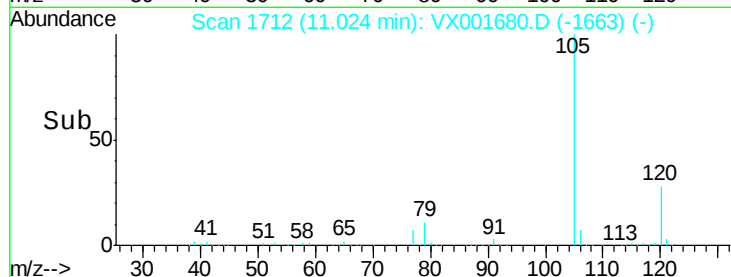
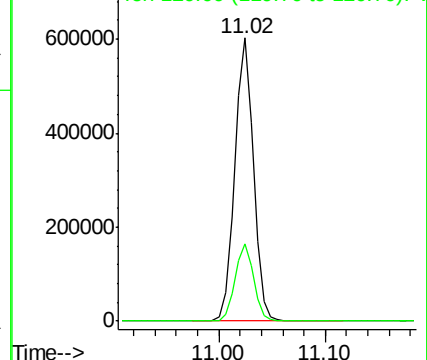
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.91 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion: 43 Resp: 329116

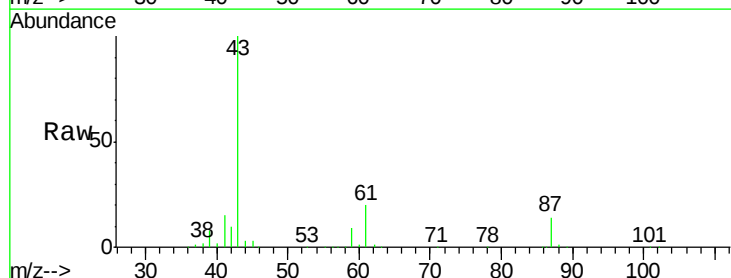
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.8 15.4 23.0

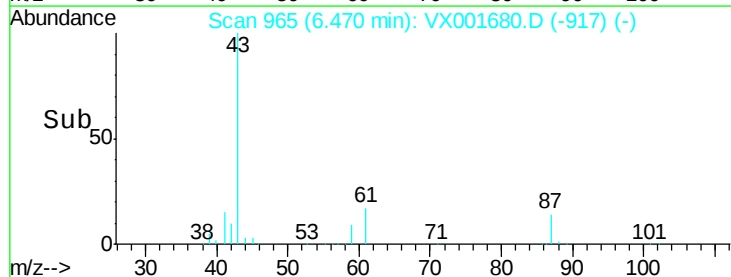
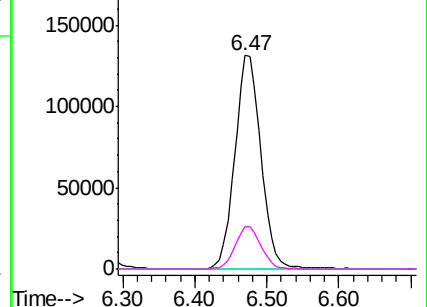


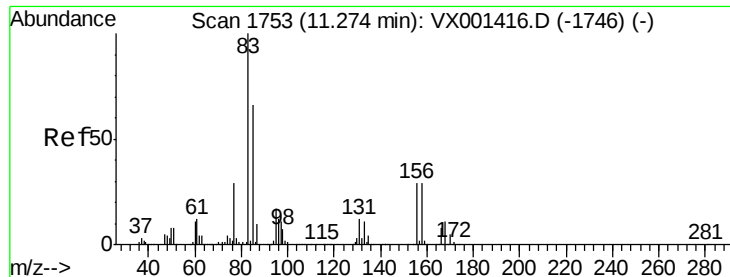
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

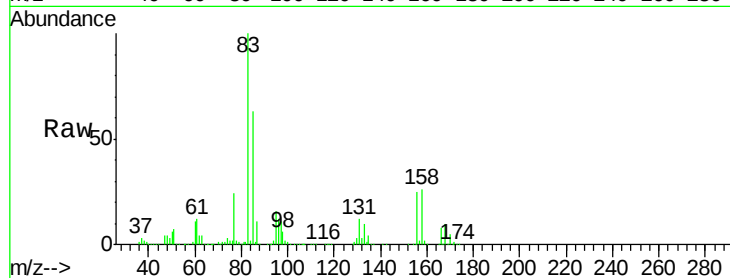
Tgt Ion: 83 Resp: 217028

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

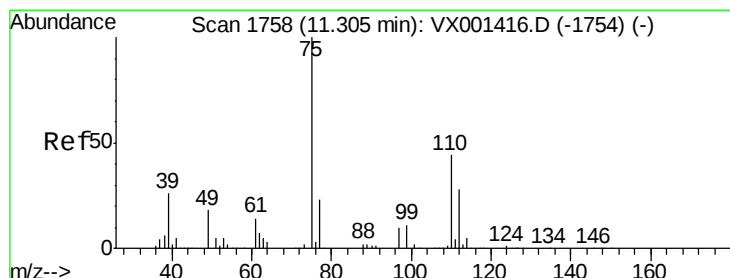
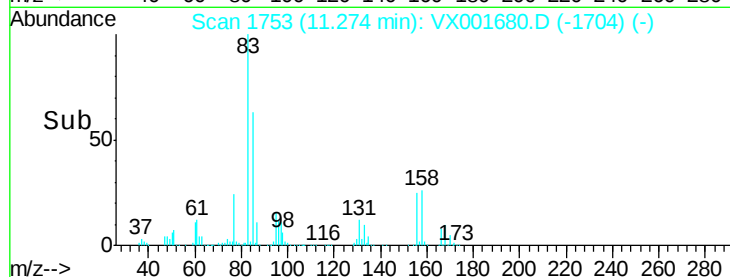
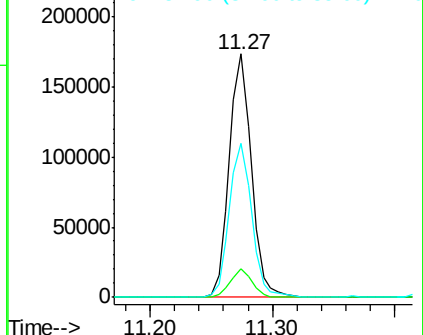
85 64.4 32.7 98.1



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: 64.24 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001680.D

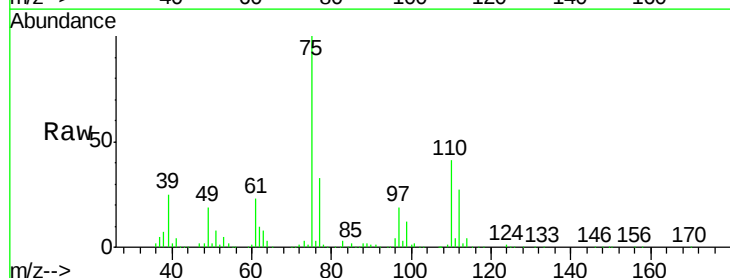
Acq: 12 May 2018 21:35

Tgt Ion: 75 Resp: 252959

Ion Ratio Lower Upper

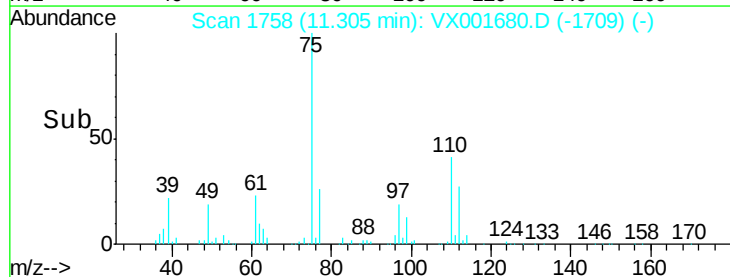
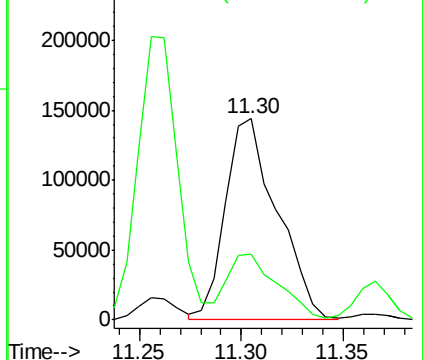
75 100

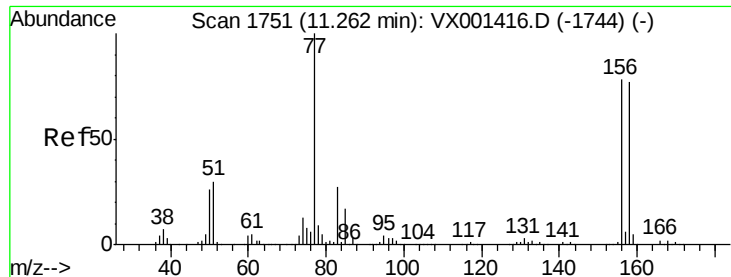
77 31.3 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.53 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

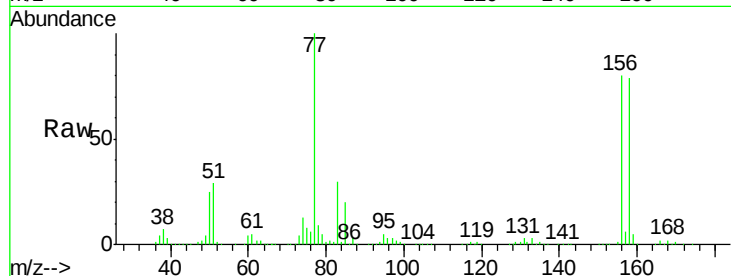
Tgt Ion:156 Resp: 209166

Ion Ratio Lower Upper

156 100

77 132.4 66.0 198.2

158 98.2 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

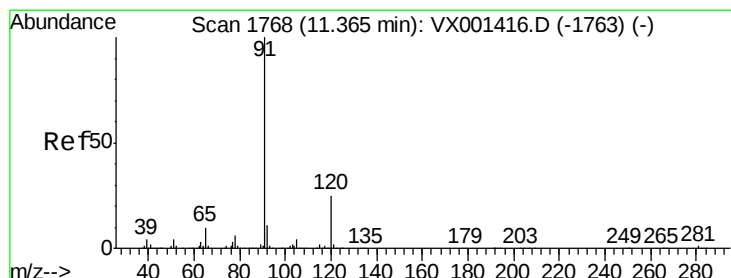
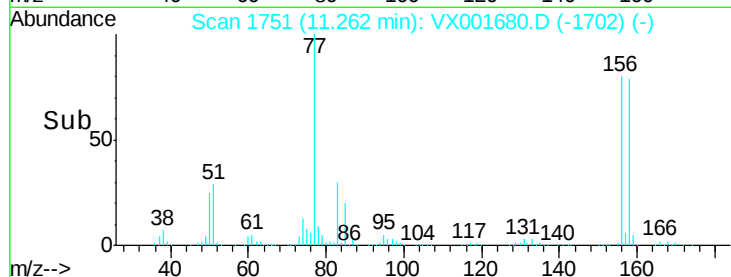
Ion 157.80 (157.50 to 158.50): V

Time-->

11.26

11.30

11.40



#78

n-propylbenzene

Concen: 55.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001680.D

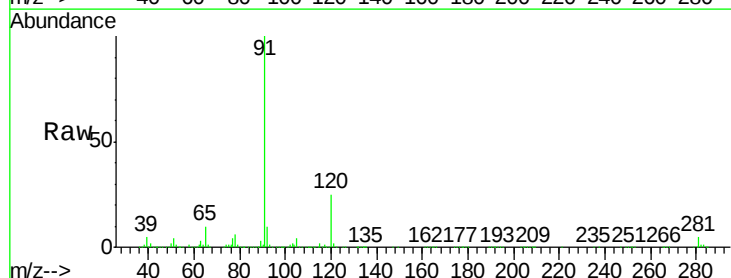
Acq: 12 May 2018 21:35

Tgt Ion: 91 Resp: 818259

Ion Ratio Lower Upper

91 100

120 24.9 12.5 37.5



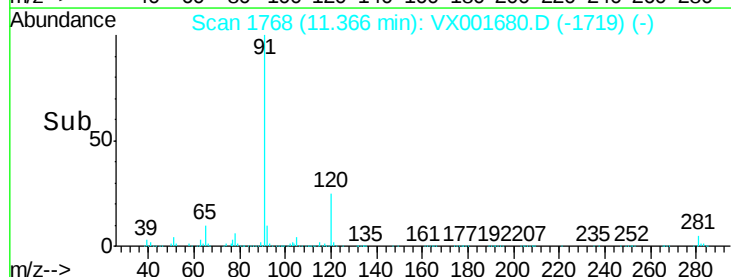
Abundance Ion 91.00 (90.70 to 91.70): VX0

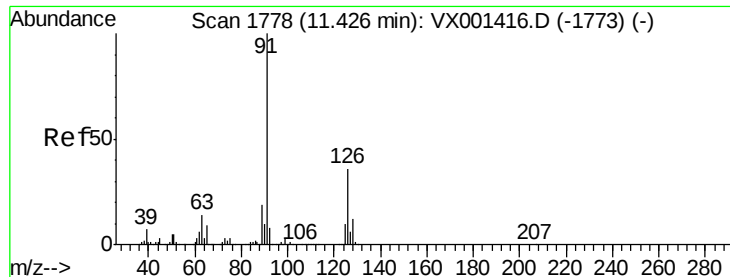
Ion 120.00 (119.70 to 120.70): V

Time-->

11.37

11.40





#79

2-Chlorotoluene

Concen: 54.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

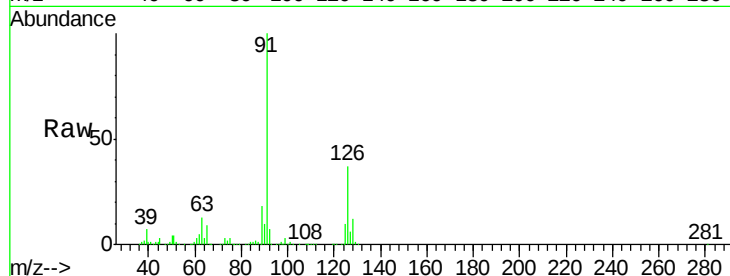
VSTDCCC050

Tgt Ion: 91 Resp: 490455

Ion Ratio Lower Upper

91 100

126 37.2 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

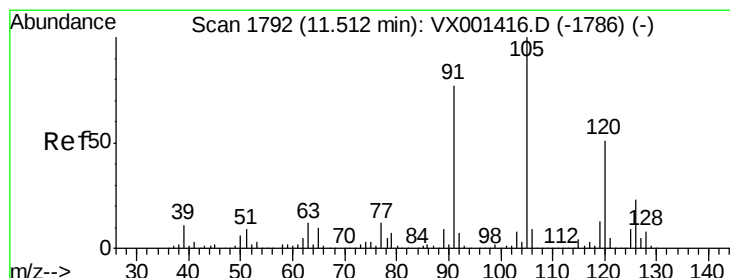
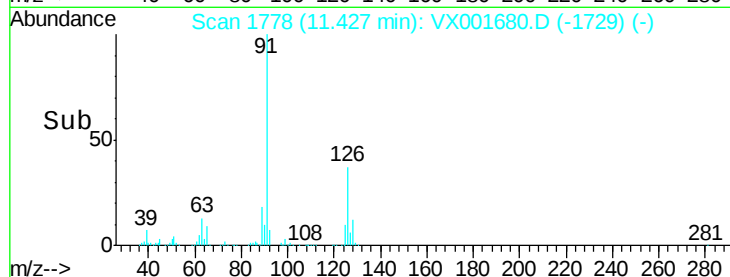
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.11 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001680.D

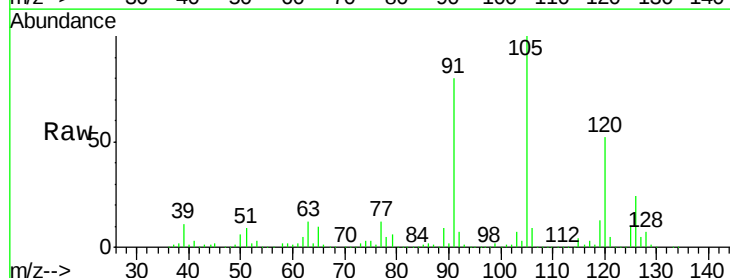
Acq: 12 May 2018 21:35

Tgt Ion: 105 Resp: 616693

Ion Ratio Lower Upper

105 100

120 51.5 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

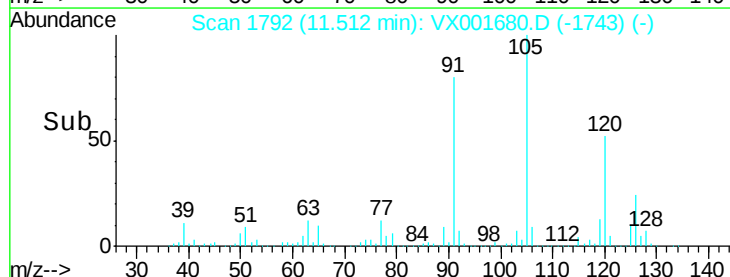
200000

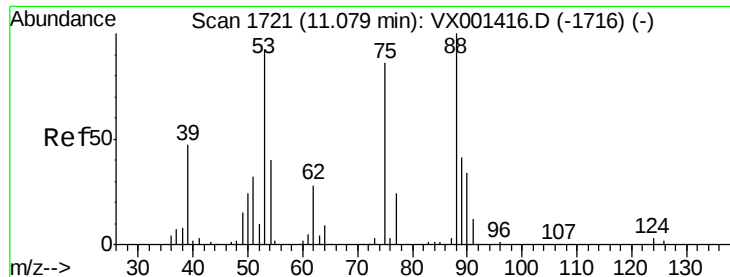
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.13 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

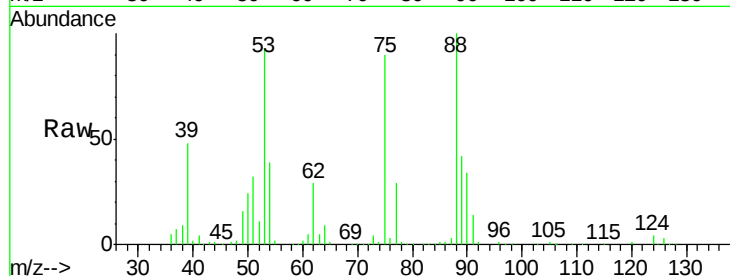
Tgt Ion: 75 Resp: 56523

Ion Ratio Lower Upper

75 100

53 105.3 84.5 126.7

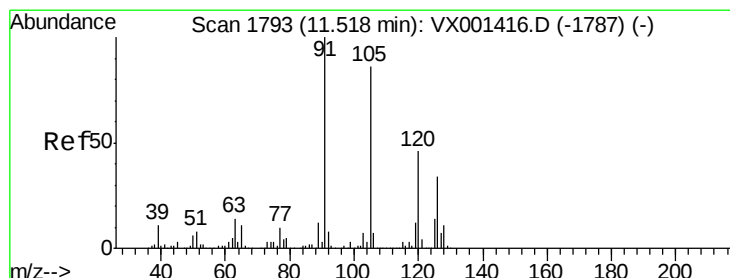
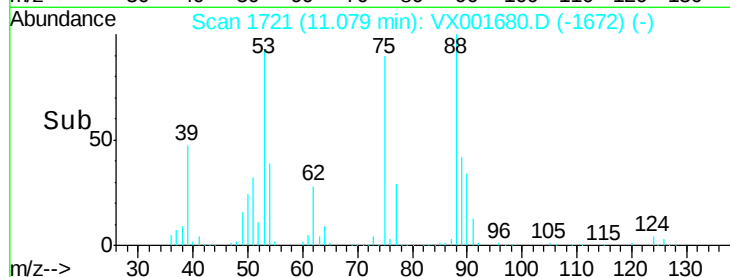
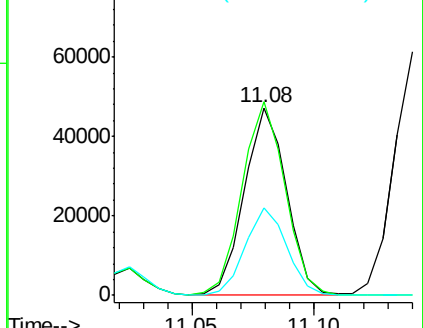
89 46.5 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.83 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001680.D

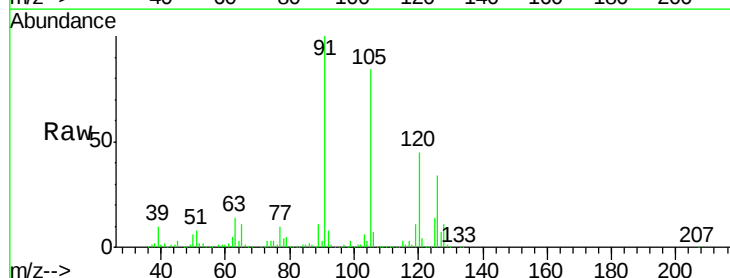
Acq: 12 May 2018 21:35

Tgt Ion: 91 Resp: 569683

Ion Ratio Lower Upper

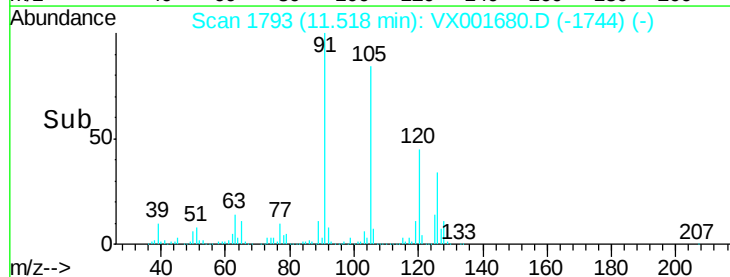
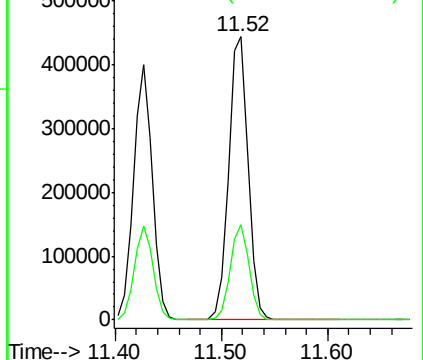
91 100

126 32.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

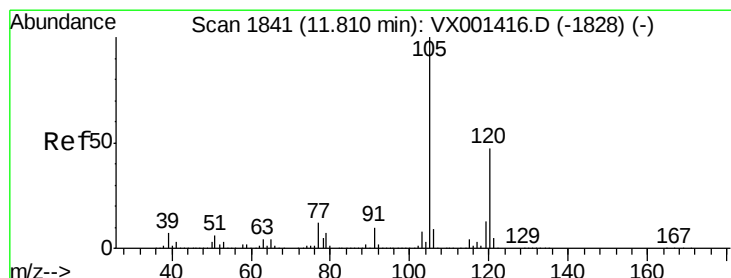
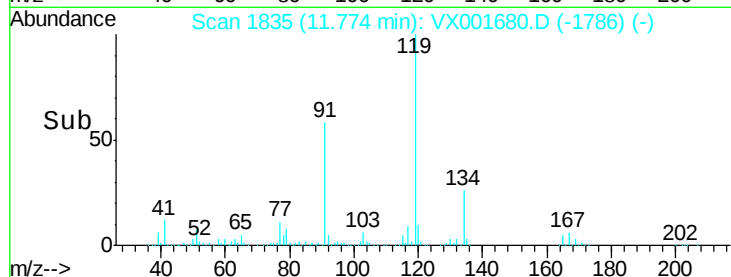
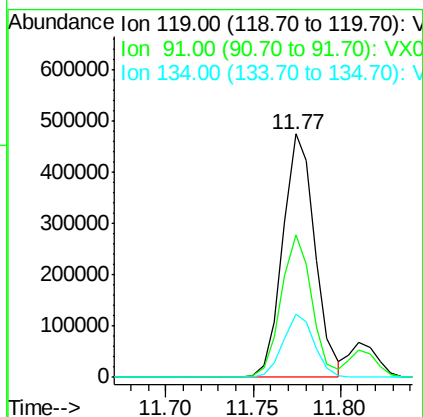
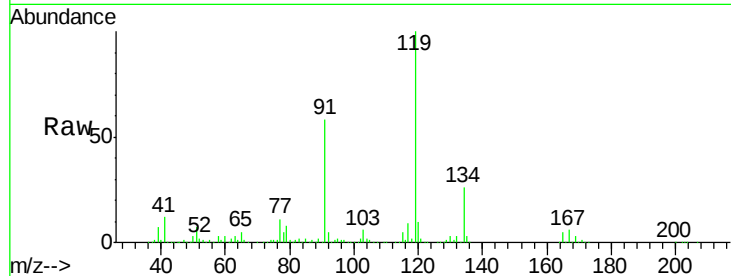




#83
 tert-Butylbenzene
 Concen: 54.92 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

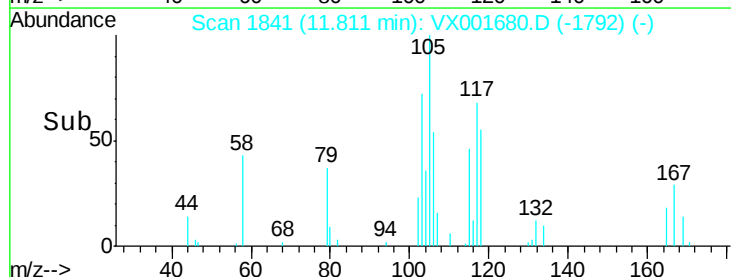
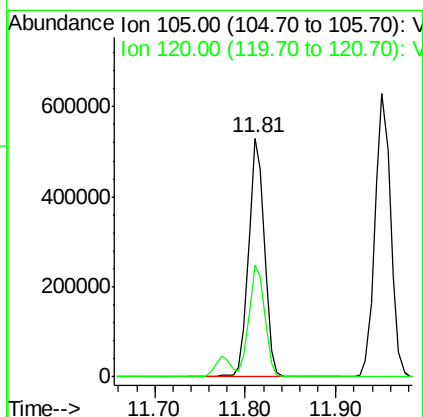
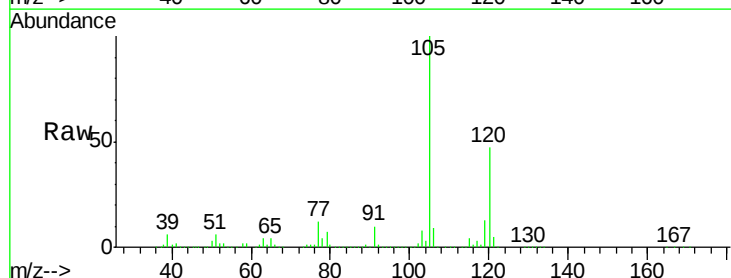
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

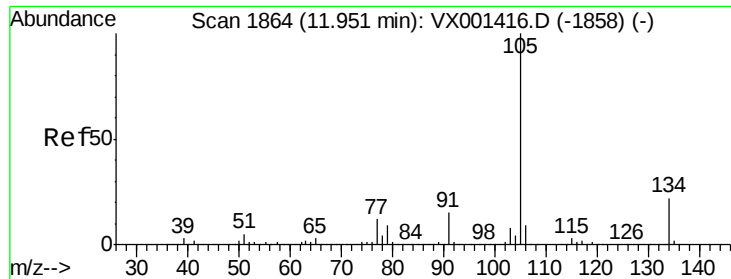
Tgt Ion:119 Resp: 611583
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.8 83.3
 134 25.1 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 55.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion:105 Resp: 638887
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.2

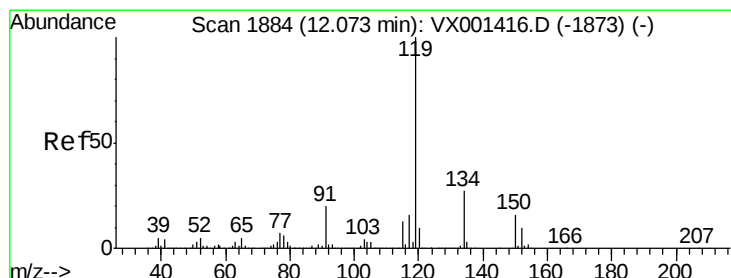
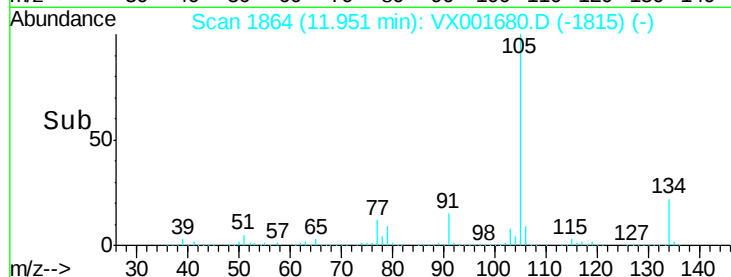
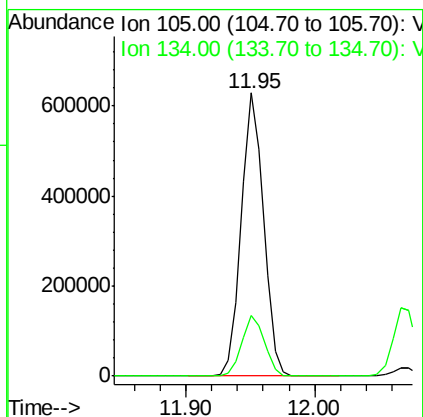
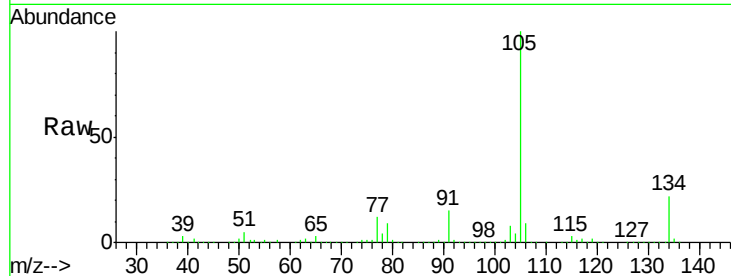




#85
 sec-Butylbenzene
 Concen: 56.37 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

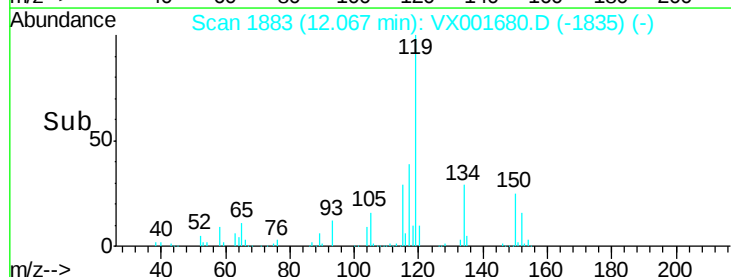
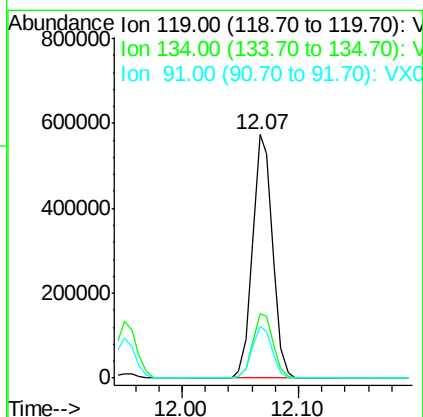
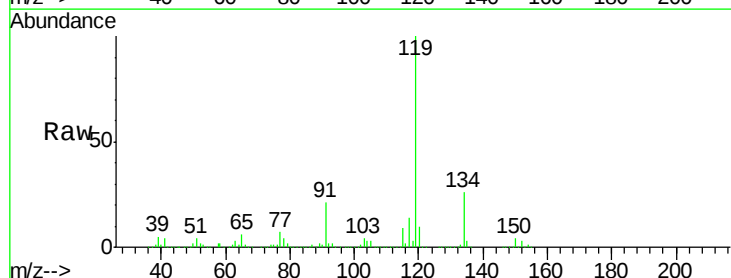
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

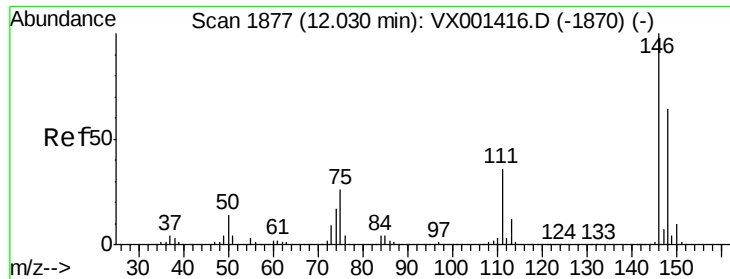
Tgt Ion:105 Resp: 753365
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 56.14 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion:119 Resp: 688309
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 21.3 10.8 32.3

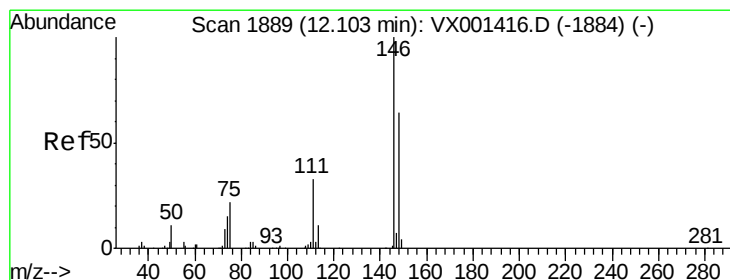
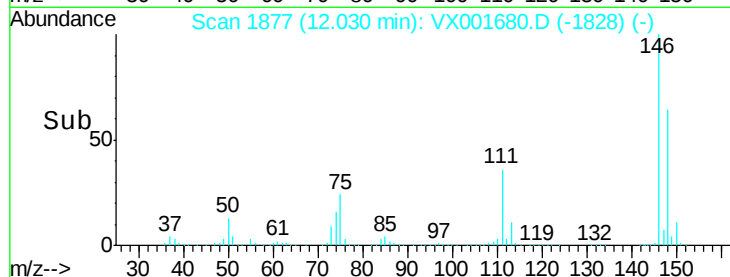
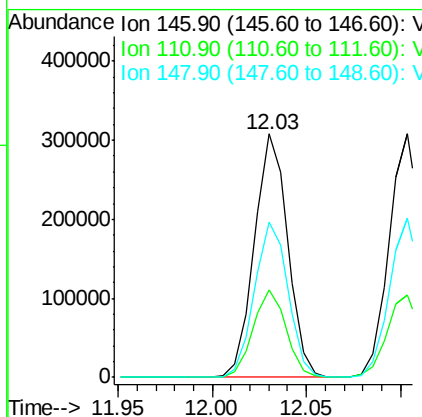
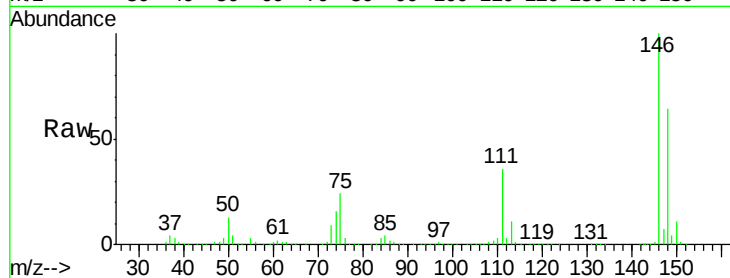




#87
 1,3-Dichlorobenzene
 Concen: 54.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

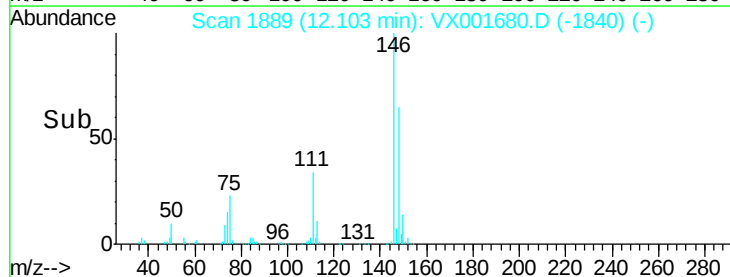
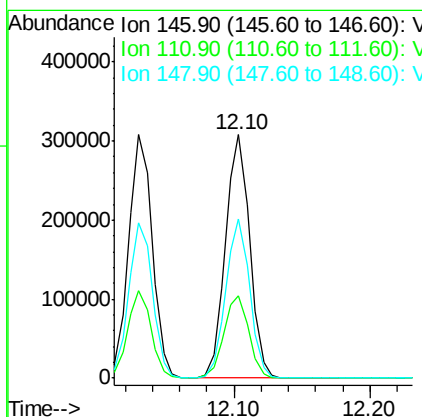
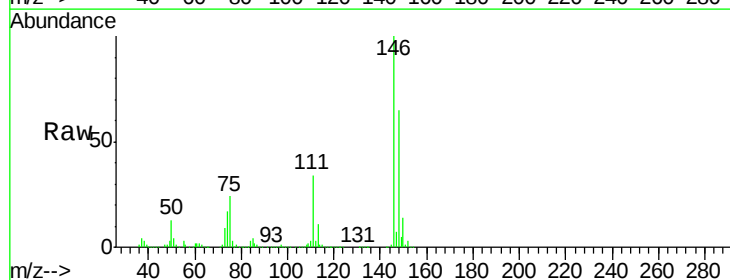
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

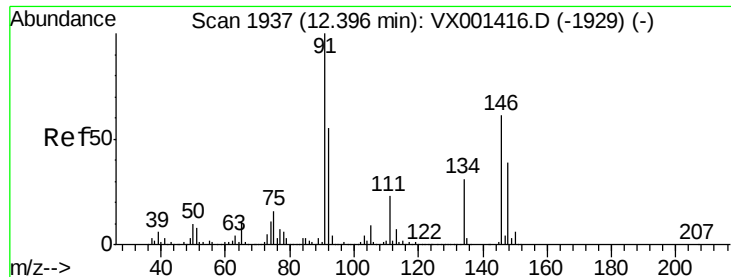
Tgt Ion:146 Resp: 378083
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.1
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.34 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion:146 Resp: 380031
 Ion Ratio Lower Upper
 146 100
 111 34.9 17.4 52.3
 148 64.9 32.2 96.6

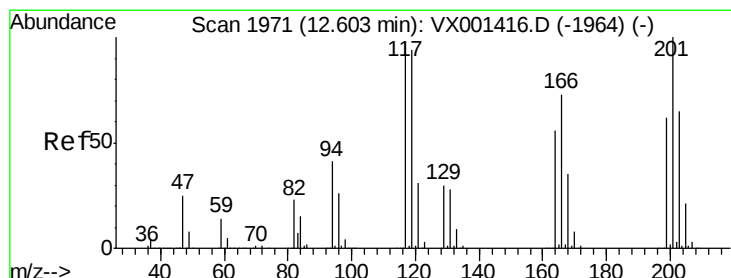
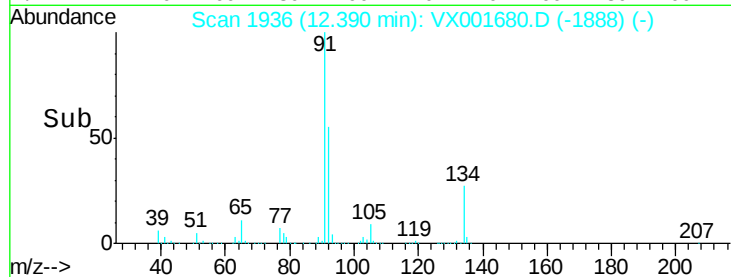
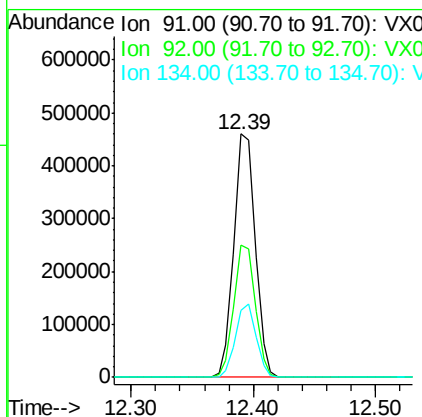
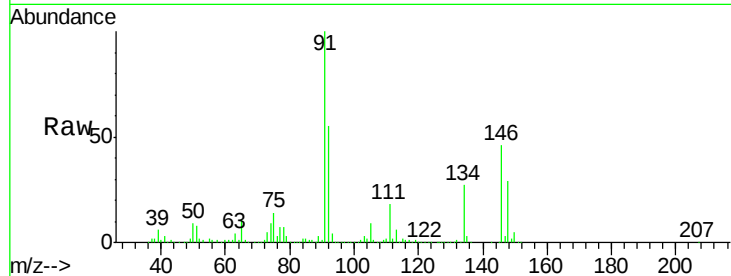




#89
n-Butylbenzene
Concen: 54.74 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

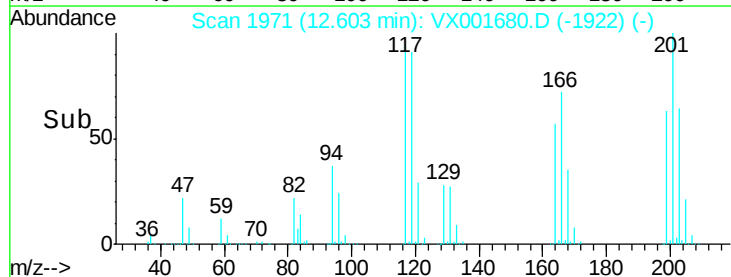
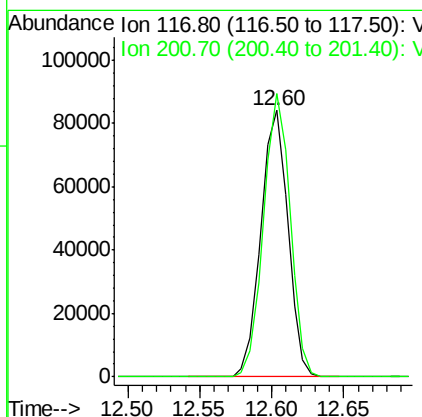
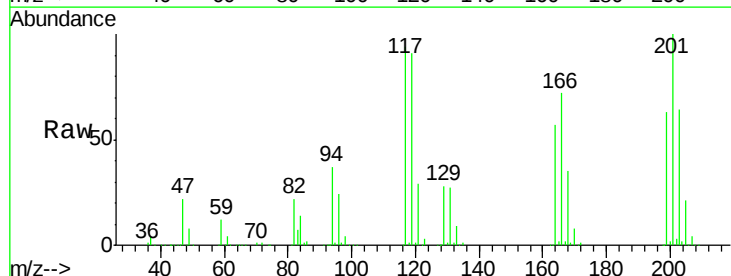
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

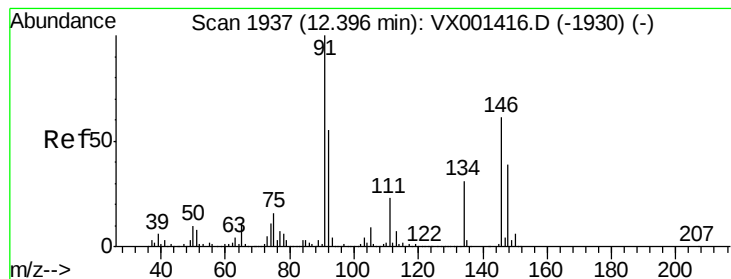
Tgt Ion: 91 Resp: 556061
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 29.1 14.6 44.0



#90
Hexachloroethane
Concen: 59.05 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 117 Resp: 109012
Ion Ratio Lower Upper
117 100
201 104.5 51.5 154.5





#91

1,2-Dichlorobenzene

Concen: 54.87 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

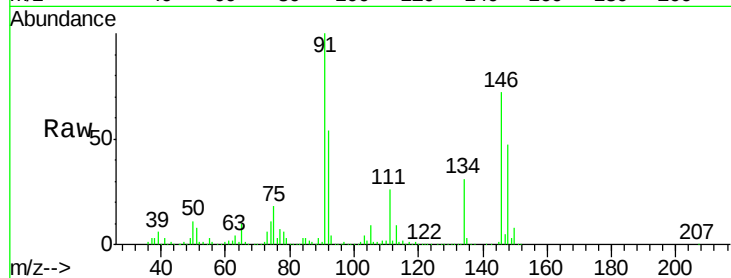
Tgt Ion:146 Resp: 389991

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.8

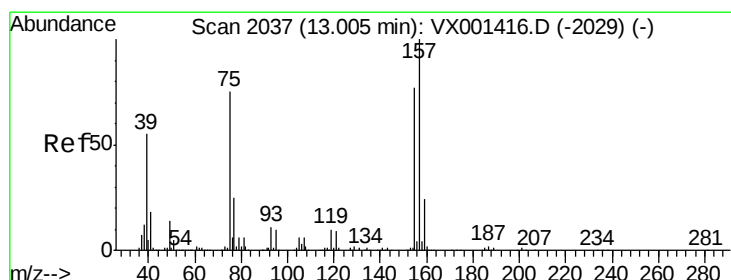
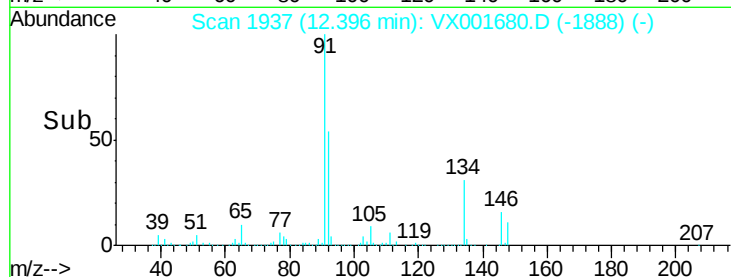
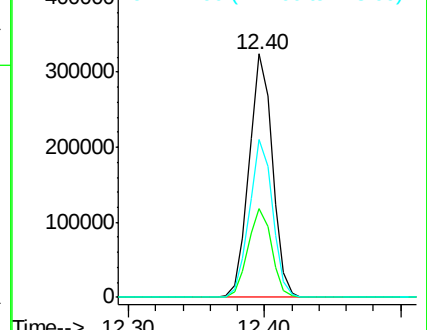
148 64.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.61 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

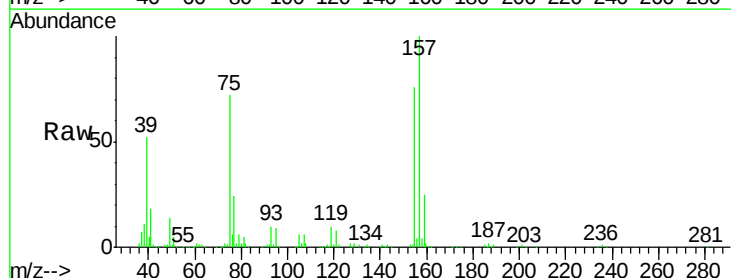
Tgt Ion: 75 Resp: 48501

Ion Ratio Lower Upper

75 100

155 108.8 53.4 160.2

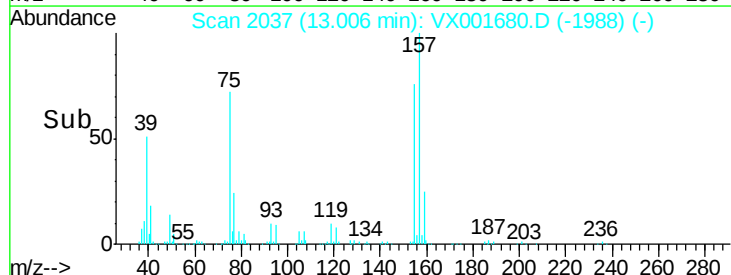
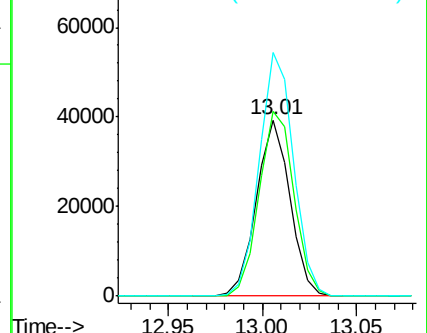
157 140.9 68.3 204.8

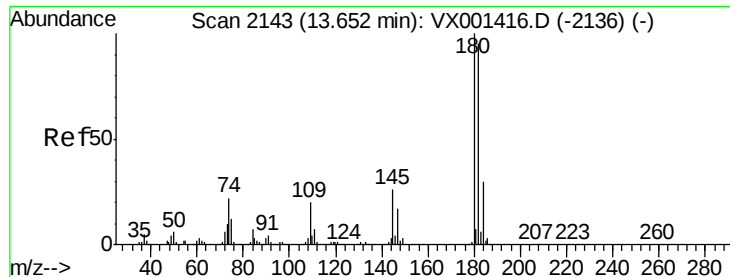


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

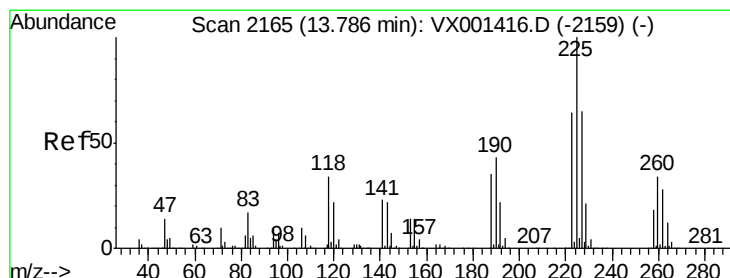
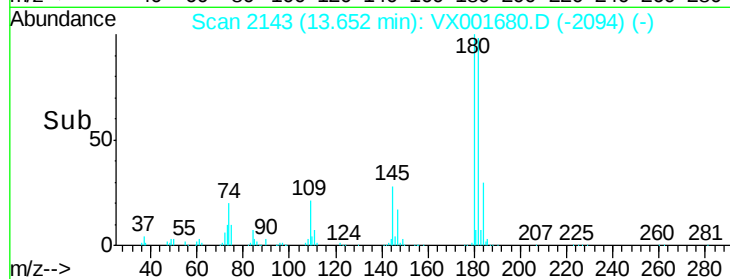
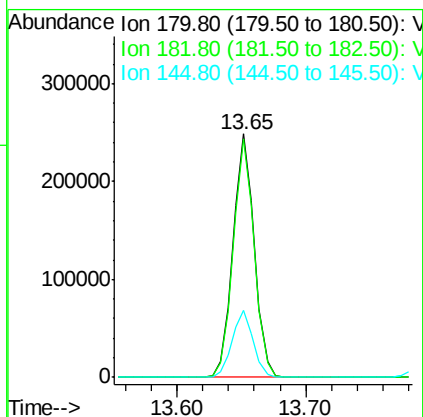
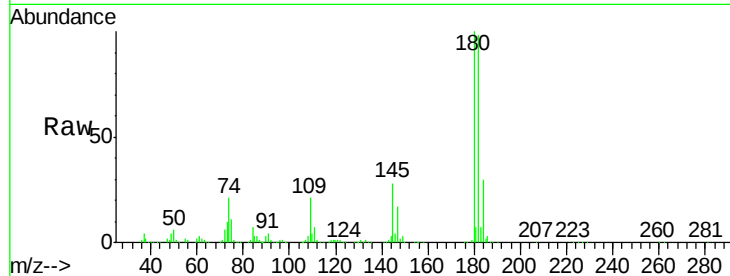




#93
 1,2,4-Trichlorobenzene
 Concen: 55.05 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

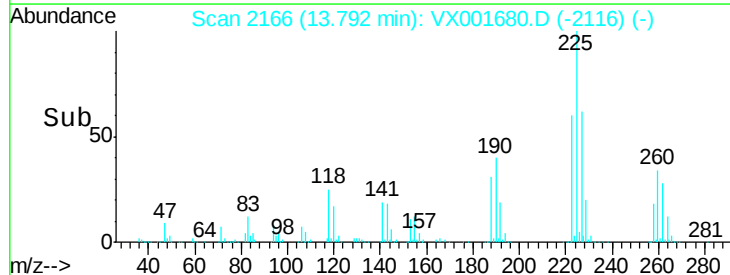
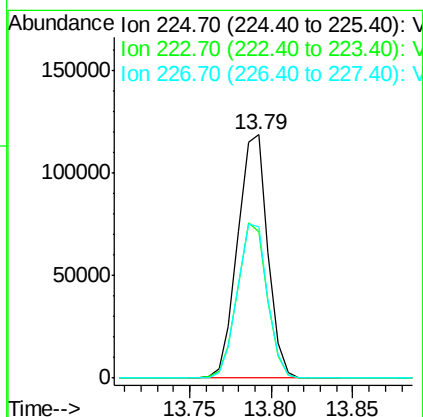
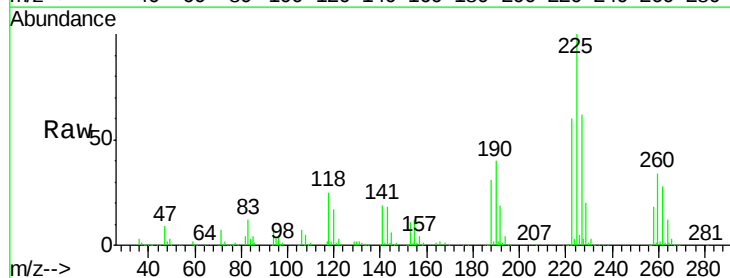
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

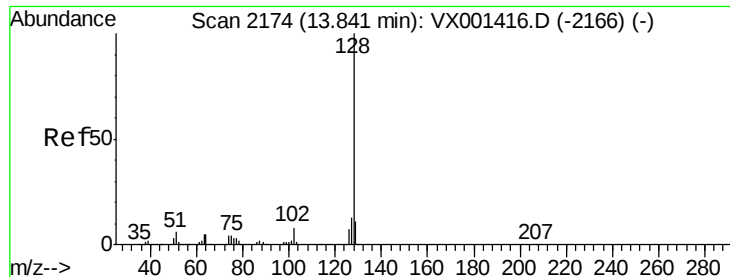
Tgt Ion:180 Resp: 286284
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.8 143.4
 145 27.1 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 53.59 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion:225 Resp: 152501
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.9
 227 63.6 32.4 97.2





#95

Naphthalene

Concen: 57.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

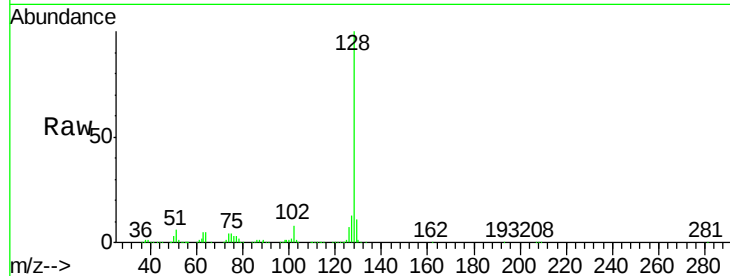
Tgt Ion:128 Resp: 823466

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

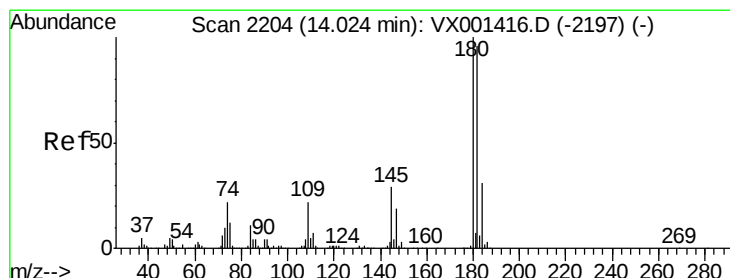
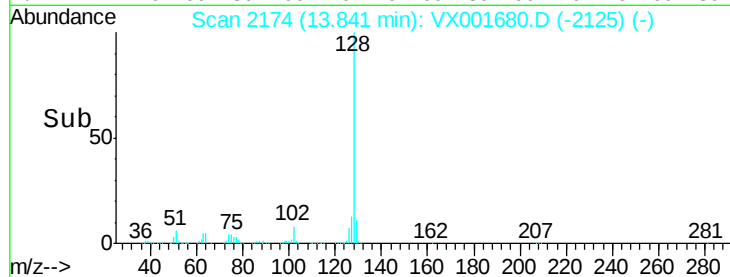
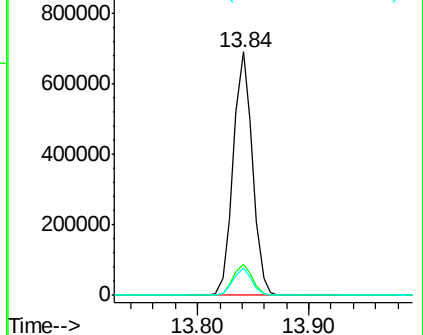
129 10.8 8.7 13.1



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: 56.19 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

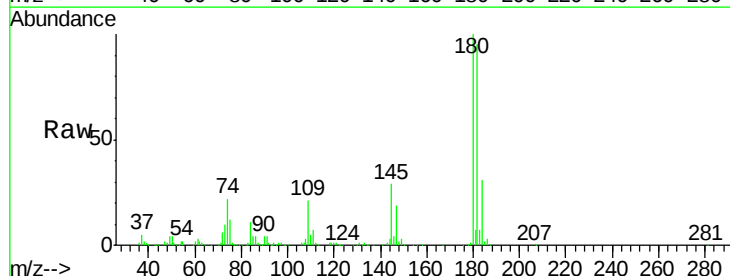
Tgt Ion:180 Resp: 299832

Ion Ratio Lower Upper

180 100

182 95.0 48.0 144.2

145 28.4 14.1 42.4



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

