

Data File : VX001888.D

Acq On : 21 May 2018 20:01

Operator : JC/MD

Sample : J2986-11

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3TB10-180514RE

Quant Time: May 22 01:56:11 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	239765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	172557	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	5.51	113	153409	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
50) Toluene-d8	8.72	98	444967	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
62) 4-Bromofluorobenzene	11.15	95	132437	36.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.62%	

Target Compounds

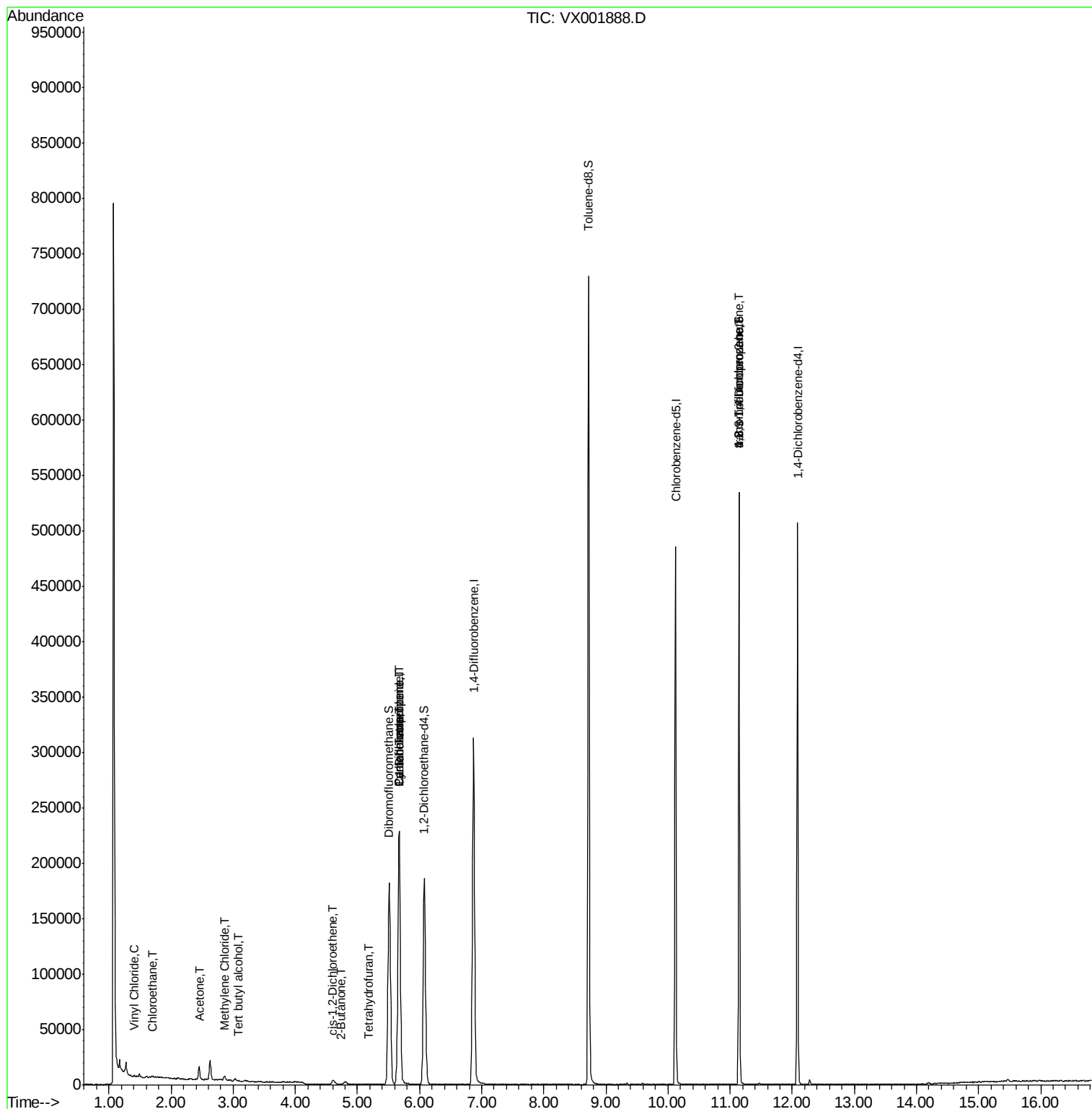
						Qvalue
4) Vinyl Chloride	1.40	62	852	0.29	ug/l	100
5) Bromomethane	1.66	94	616	Below	Cal	# 56
6) Chloroethane	1.70	64	632	0.34	ug/l	# 46
11) Tert butyl alcohol	3.09	59	256	0.43	ug/l	# 87
16) Acetone	2.45	43	12878	9.77	ug/l	93
20) Methylene Chloride	2.85	84	1889	0.67	ug/l	89
25) 2-Butanone	4.73	43	593	0.29	ug/l	# 51
27) cis-1,2-Dichloroethene	4.60	96	2424	0.78	ug/l	# 19
29) Tetrahydrofuran	5.18	42	305	0.23	ug/l	# 73
31) Cyclohexane	5.67	56	3679	0.87	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	14115	3.66	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	20237	5.01	ug/l	# 15
76) 1,2,3-Trichloropropane	11.14	75	61730	29.14	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	61730	84.40	ug/l	# 10

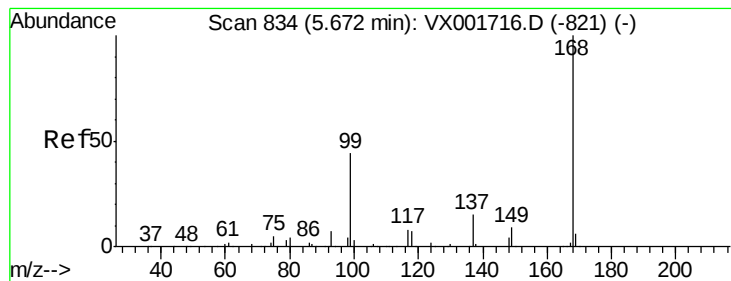
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX001888.D
Acq On : 21 May 2018 20:01
Operator : JC/MD
Sample : J2986-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3TB10-180514RE

Quant Time: May 22 01:56:11 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001888.D

Acq: 21 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

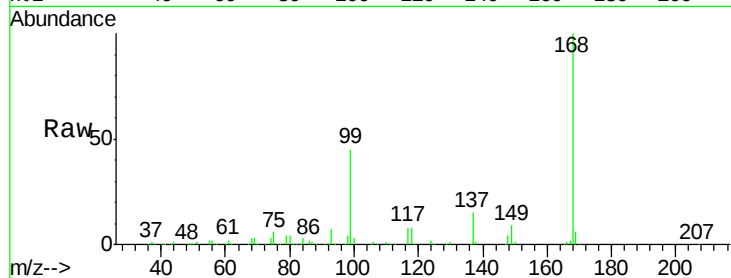
Z3TB10-180514RE

Tgt Ion:168 Resp: 250480

Ion Ratio Lower Upper

168 100

99 45.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

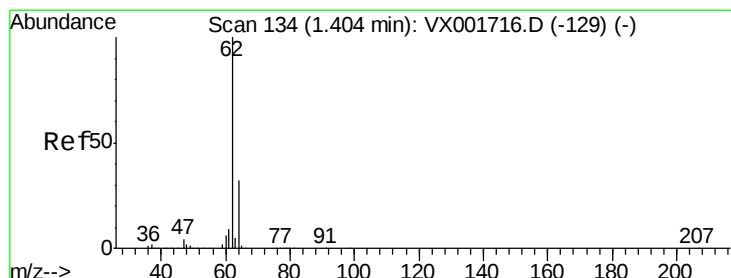
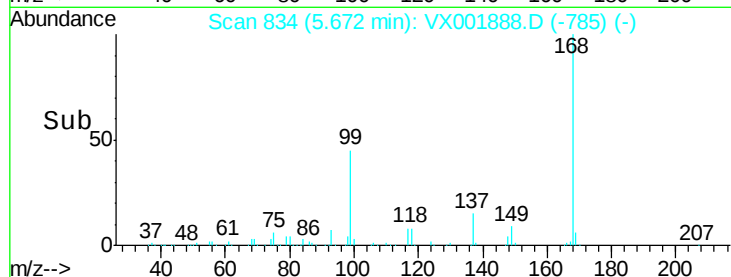
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.29 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001888.D

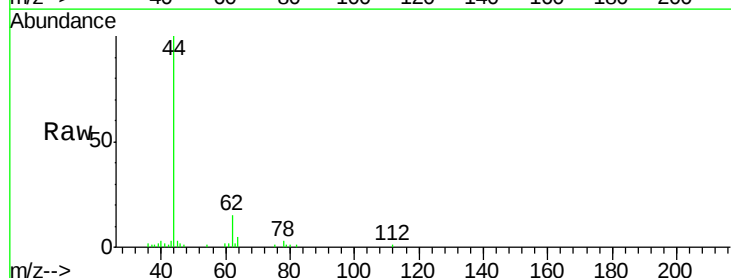
Acq: 21 May 2018 20:01

Tgt Ion: 62 Resp: 852

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

1000

800

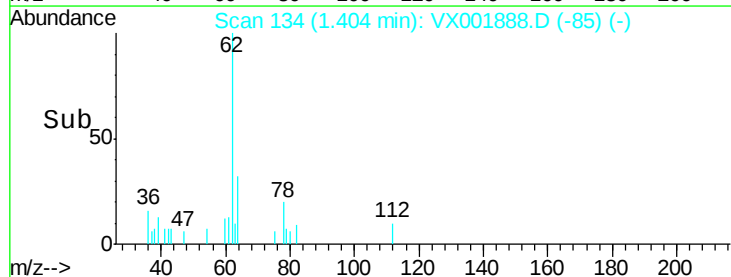
600

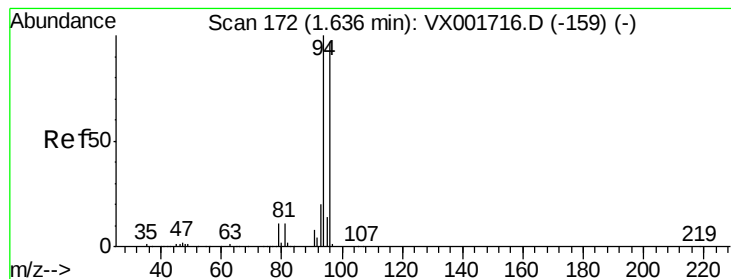
400

200

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001888.D

Acq: 21 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

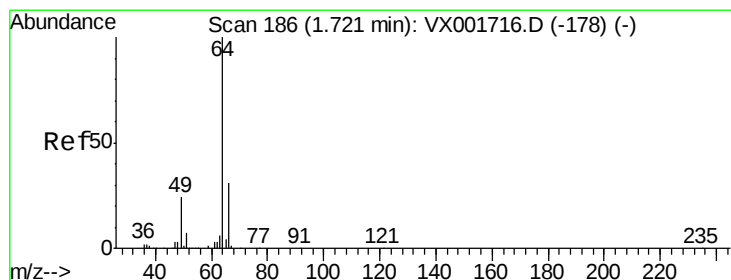
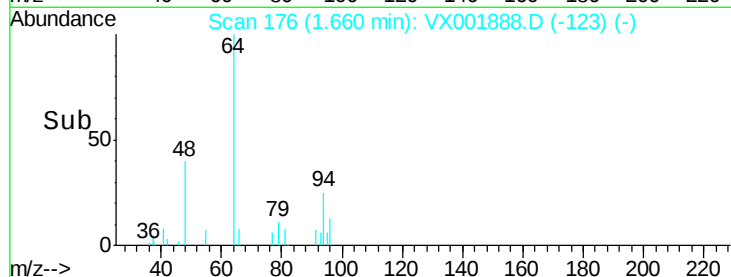
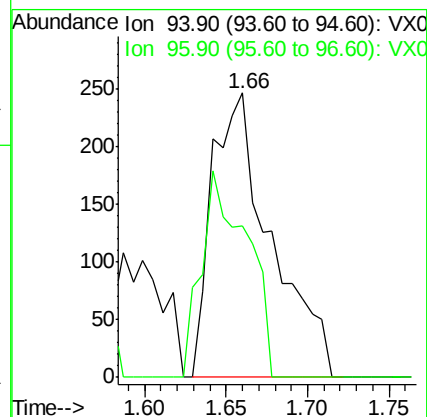
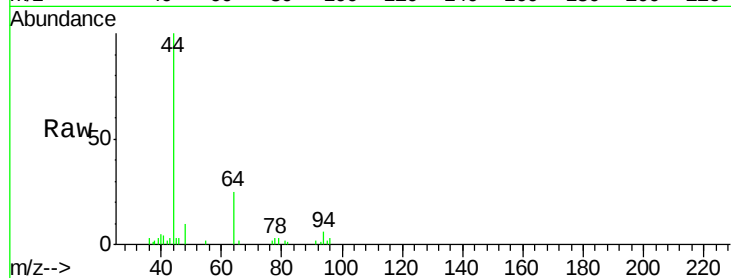
Z3TB10-180514RE

Tgt Ion: 94 Resp: 616

Ion Ratio Lower Upper

94 100

96 53.3 77.4 116.0#



#6

Chloroethane

Concen: 0.34 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX001888.D

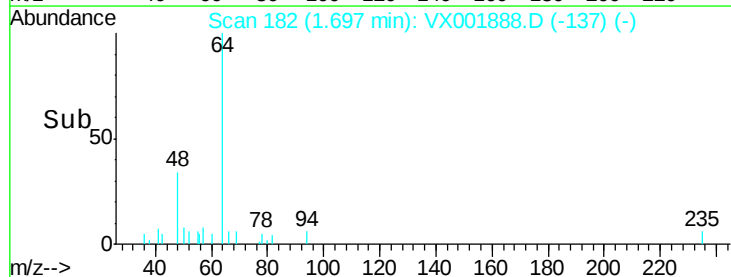
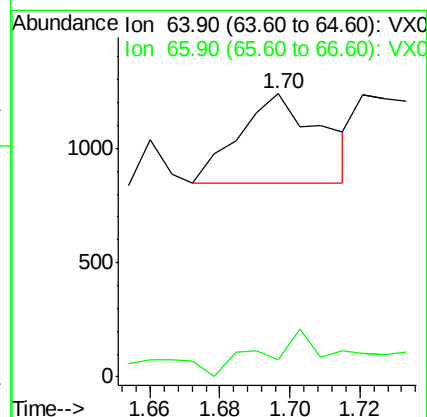
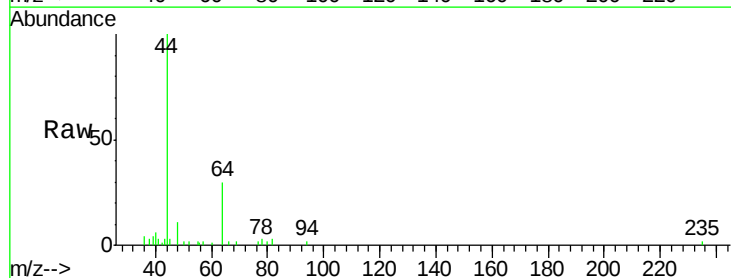
Acq: 21 May 2018 20:01

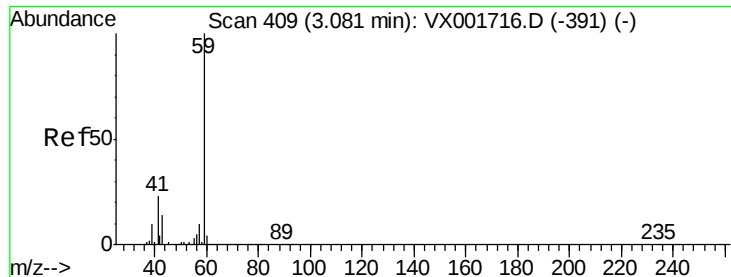
Tgt Ion: 64 Resp: 632

Ion Ratio Lower Upper

64 100

66 1.5 25.2 37.8#

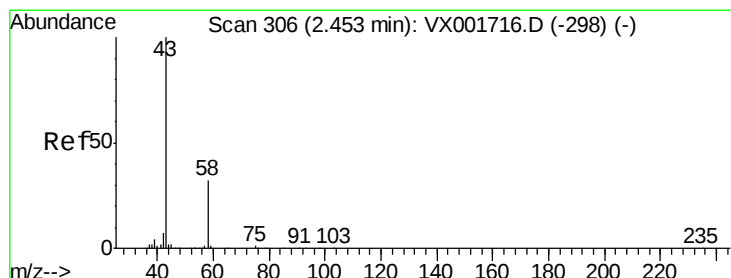
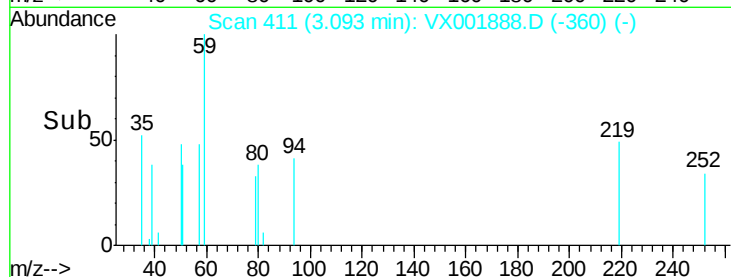
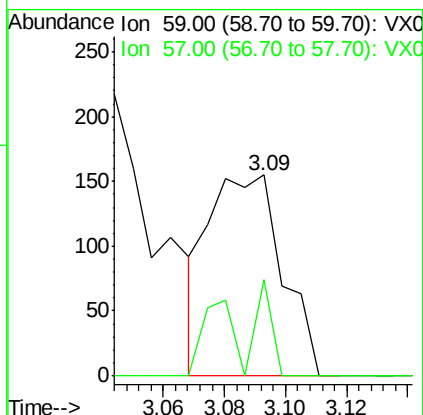
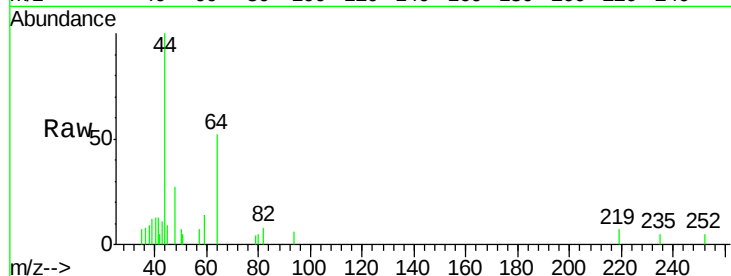




#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

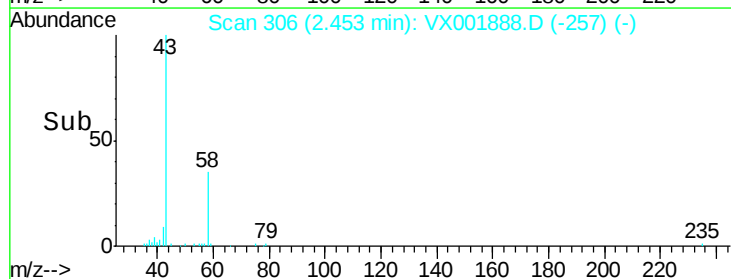
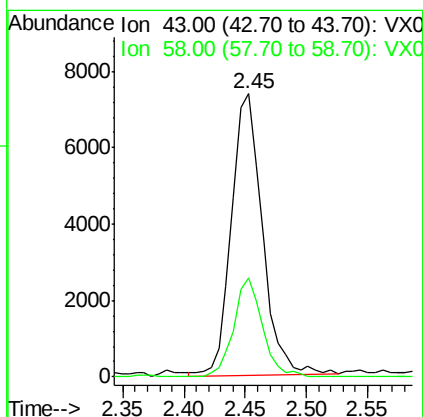
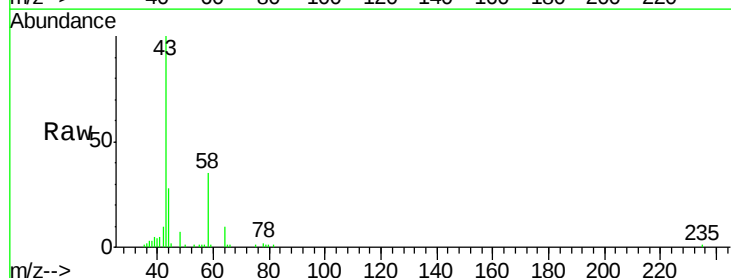
Instrument :
MSVOA_X
ClientSampleId :
Z3TB10-180514RE

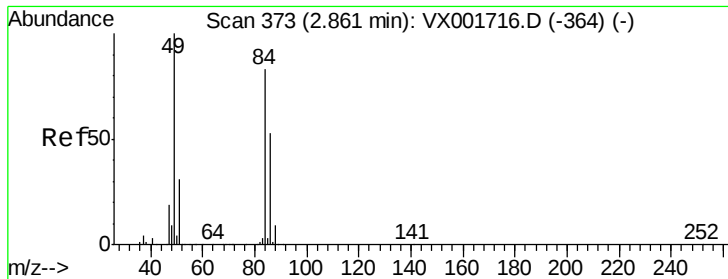
Tgt Ion: 59 Resp: 256
Ion Ratio Lower Upper
59 100
57 15.6 8.5 12.7#



#16
Acetone
Concen: 9.77 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

Tgt Ion: 43 Resp: 12878
Ion Ratio Lower Upper
43 100
58 35.3 25.3 37.9

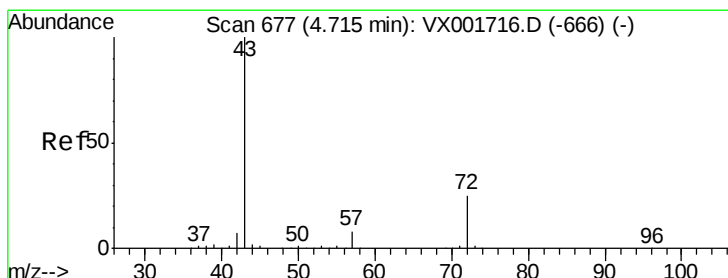
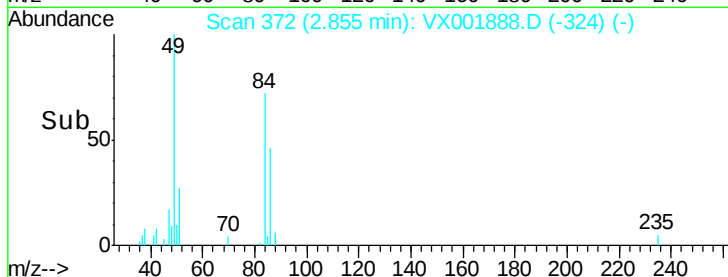
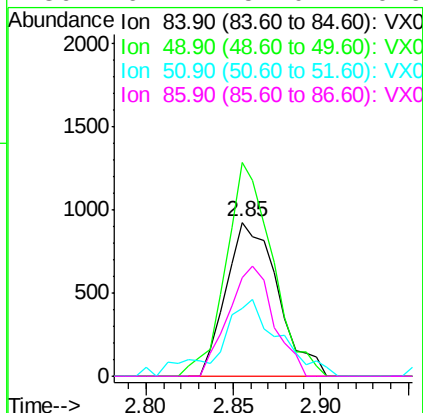
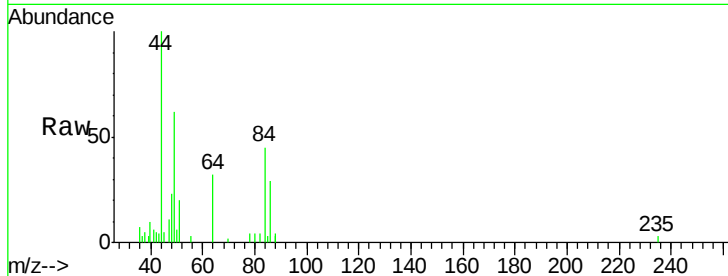




#20
Methylene Chloride
Concen: 0.67 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

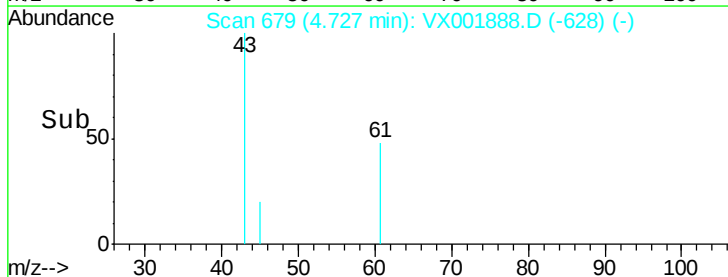
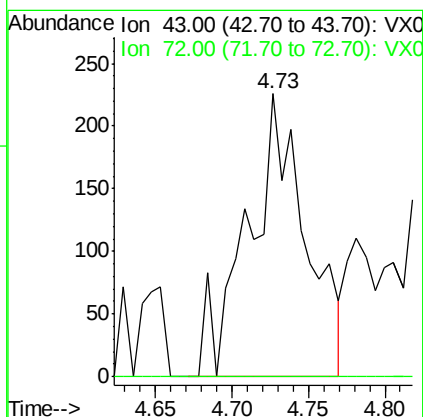
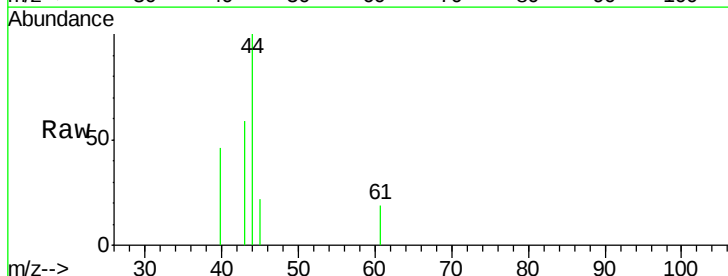
Instrument :
MSVOA_X
ClientSampleId :
Z3TB10-180514RE

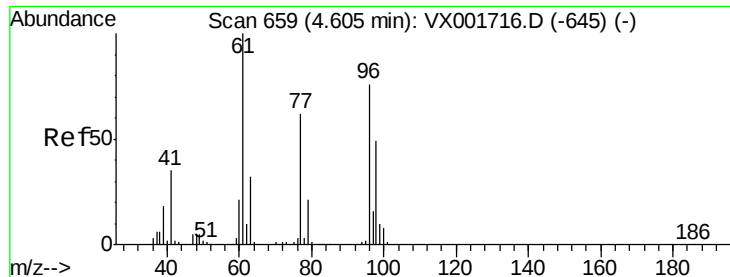
Tgt Ion:	84	Resp:	1889
Ion	Ratio	Lower	Upper
84	100		
49	138.9	96.3	144.5
51	44.5	29.8	44.6
86	64.1	51.0	76.6



#25
2-Butanone
Concen: 0.29 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

Tgt Ion:	43	Resp:	593
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#



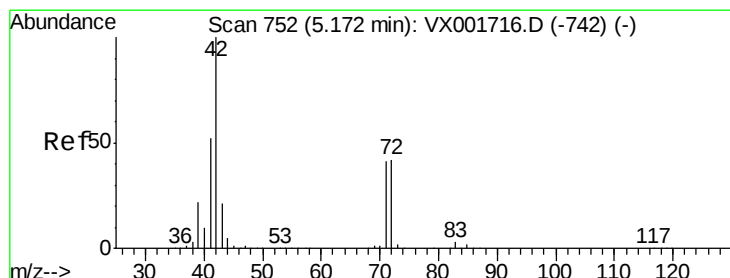
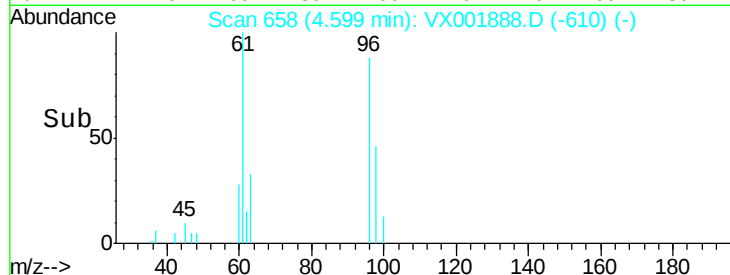
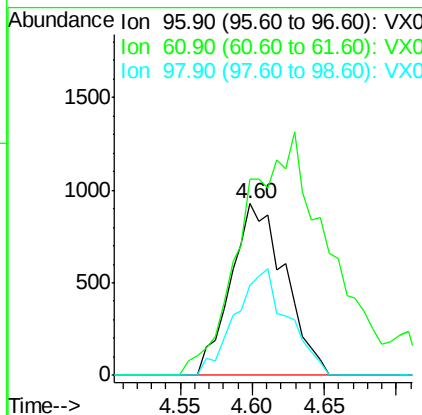
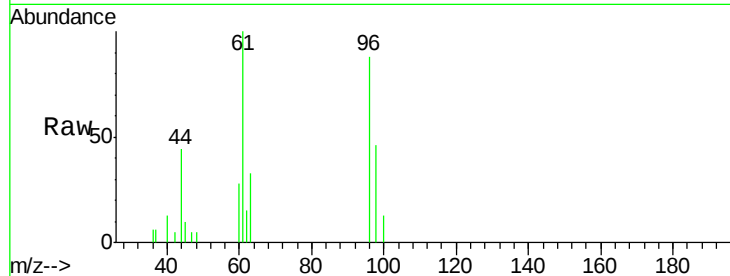


#27

cis-1,2-Dichloroethene
 Concen: 0.78 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001888.D
 Acq: 21 May 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB10-180514RE

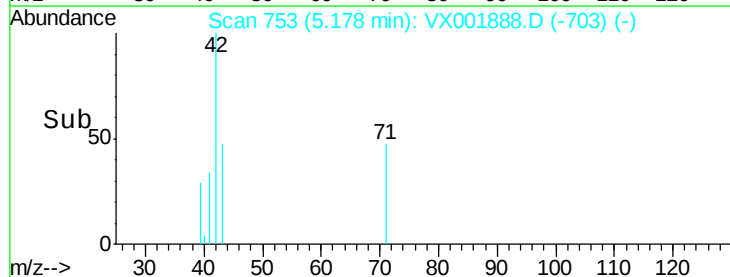
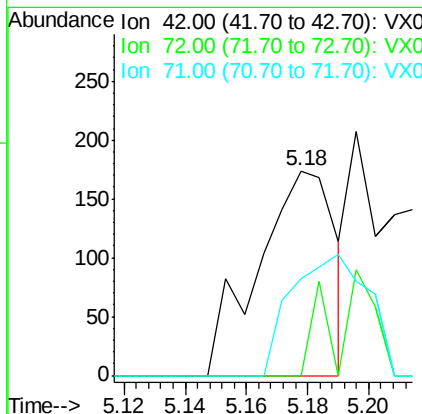
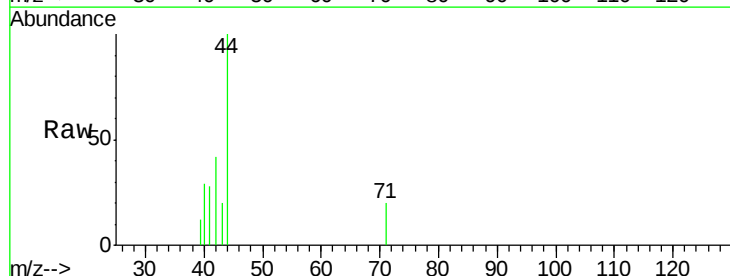
Tgt Ion: 96 Resp: 2424
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 280.4
 98 60.1 0.0 128.4

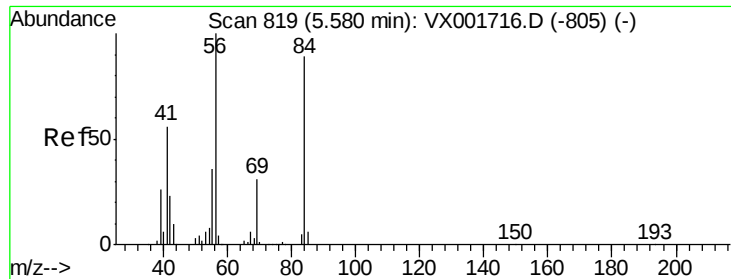


#29

Tetrahydrofuran
 Concen: 0.23 ug/l
 RT: 5.18 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: VX001888.D
 Acq: 21 May 2018 20:01

Tgt Ion: 42 Resp: 305
 Ion Ratio Lower Upper
 42 100
 72 27.2 35.4 53.2#
 71 58.7 33.2 49.8#

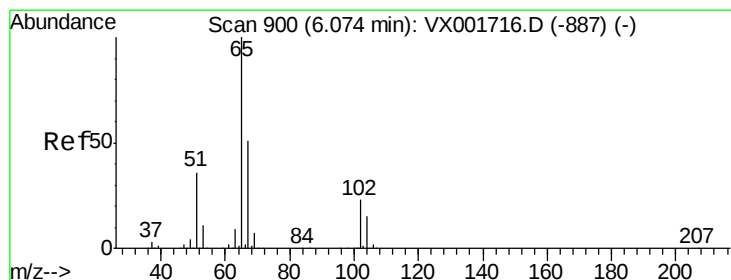
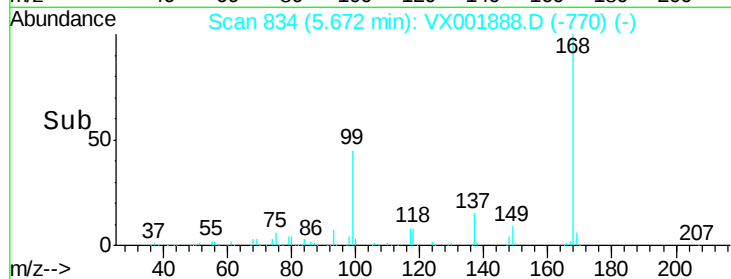
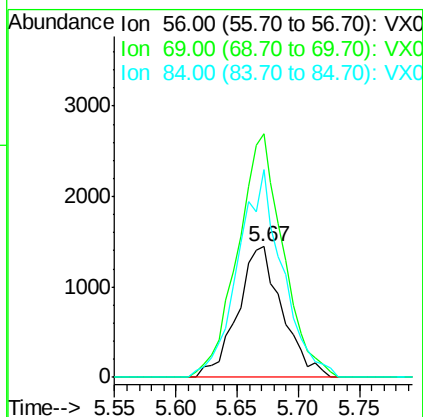
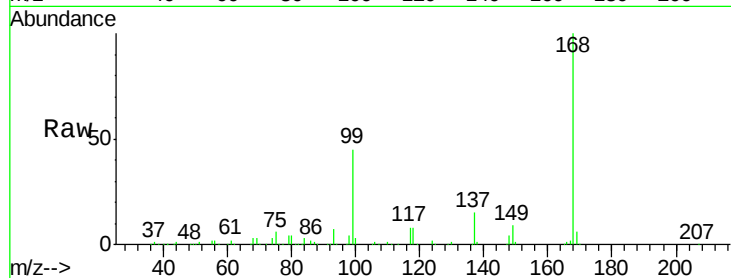




#31
Cyclohexane
Concen: 0.87 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

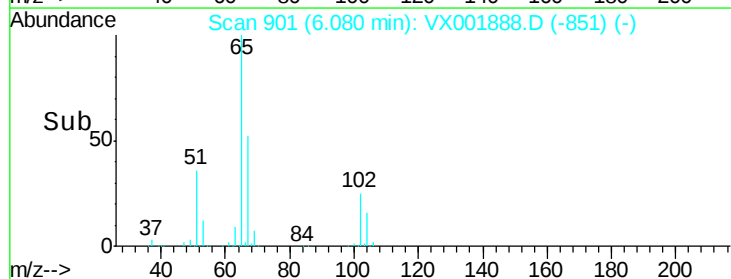
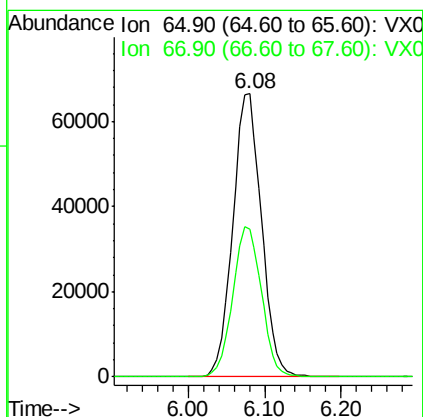
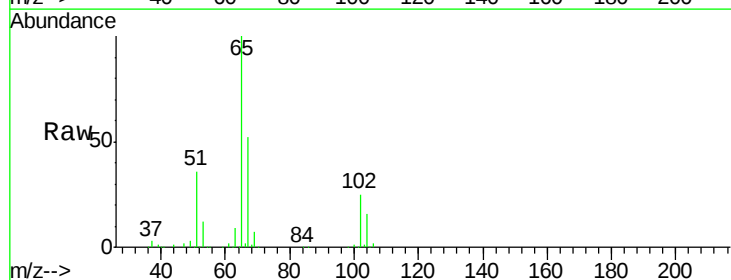
Instrument :
MSVOA_X
ClientSampleId :
Z3TB10-180514RE

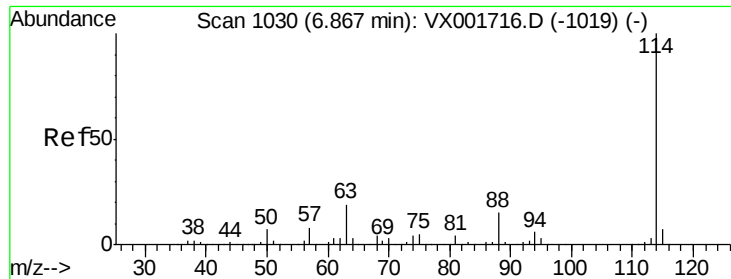
Tgt Ion: 56 Resp: 3679
Ion Ratio Lower Upper
56 100
69 186.5 25.0 37.6#
84 159.3 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 51.40 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

Tgt Ion: 65 Resp: 172557
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.8

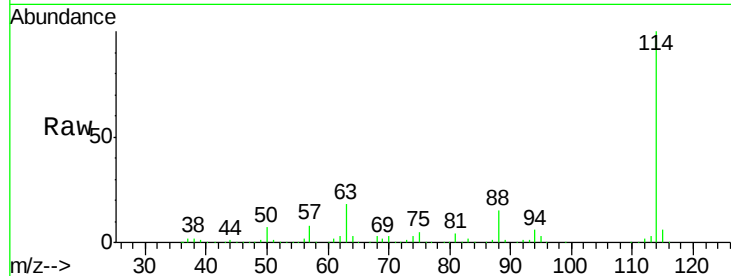




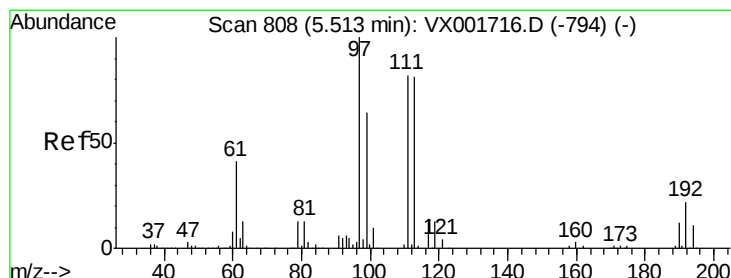
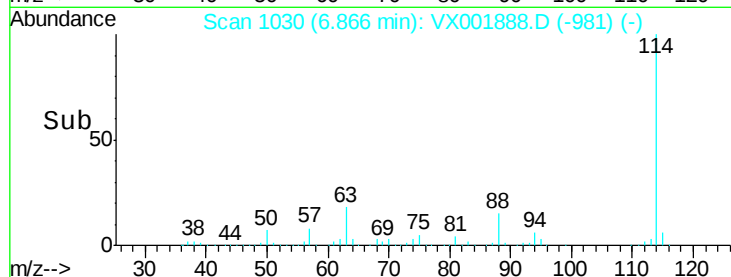
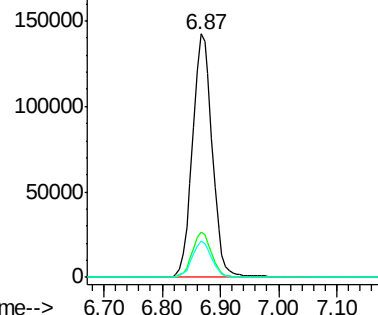
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001888.D
 Acq: 21 May 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB10-180514RE

Tgt Ion:114 Resp: 335204
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 14.8 0.0 29.8

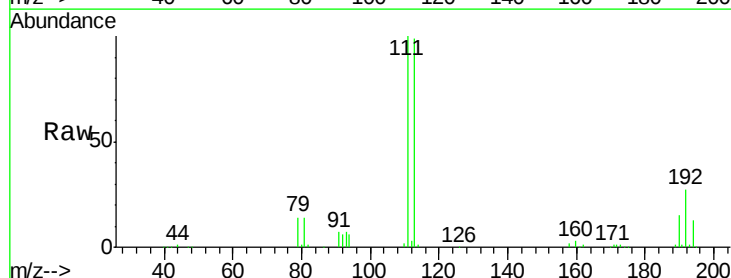


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

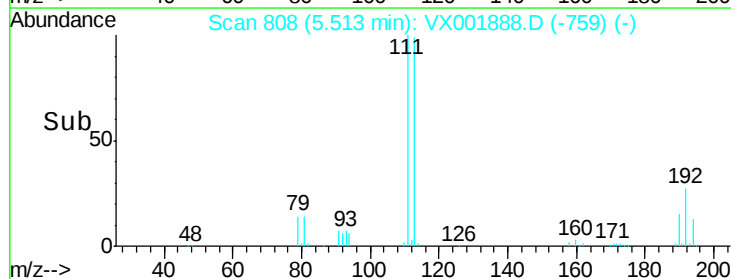
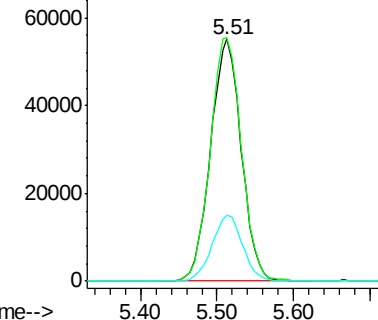


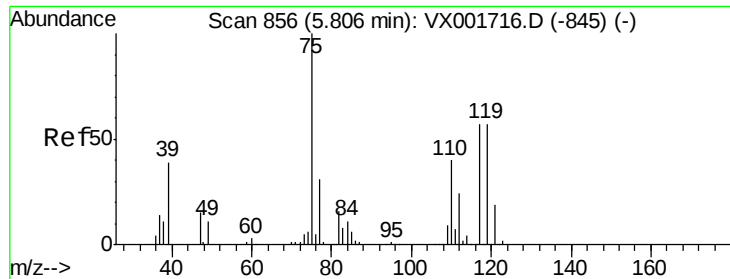
#35
 Dibromofluoromethane
 Concen: 54.23 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001888.D
 Acq: 21 May 2018 20:01

Tgt Ion:113 Resp: 153409
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 27.3 21.6 32.4



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

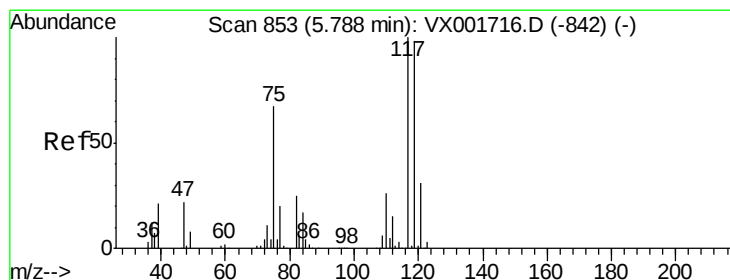
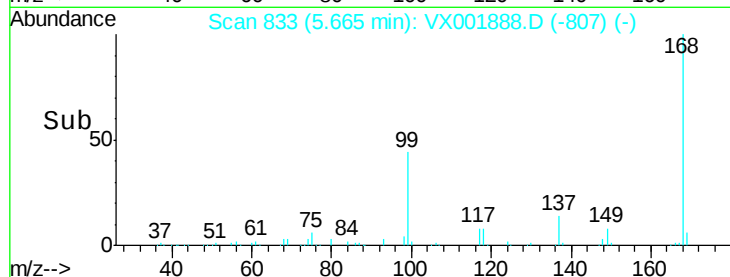
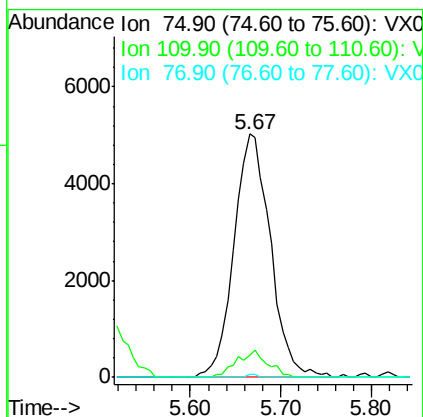
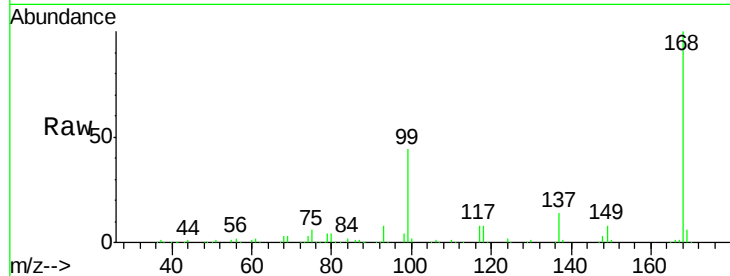




#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001888.D
 Acq: 21 May 2018 20:01

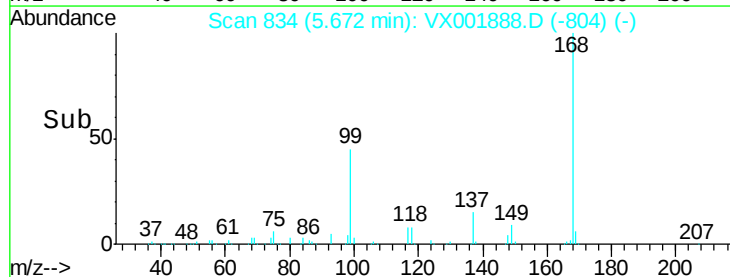
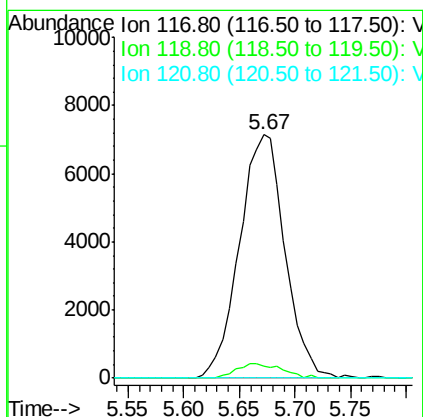
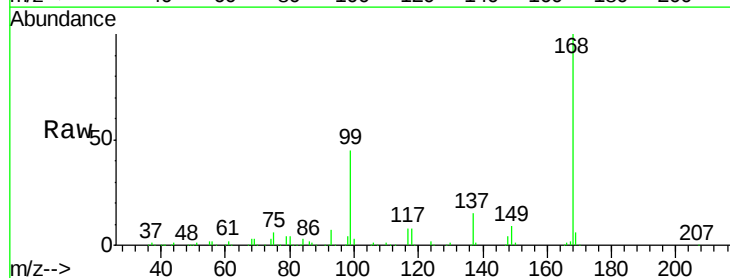
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB10-180514RE

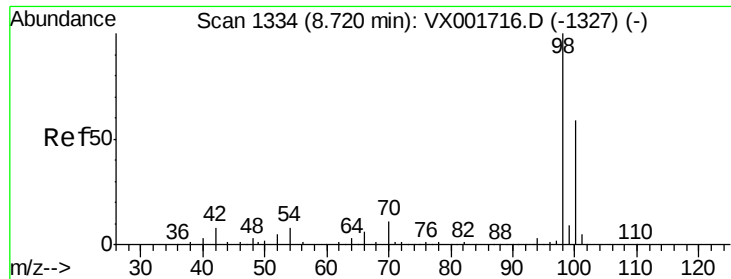
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.1#
77	0.3	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.01 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001888.D
 Acq: 21 May 2018 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.6	116.4#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 43.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001888.D

Acq: 21 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

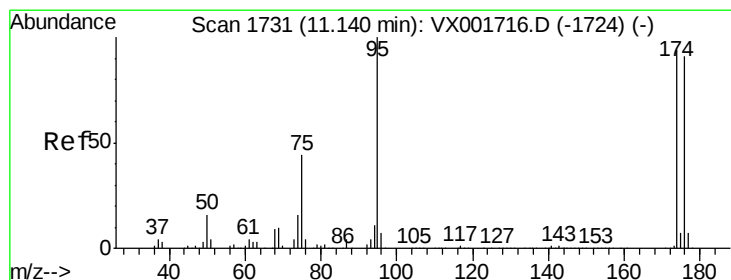
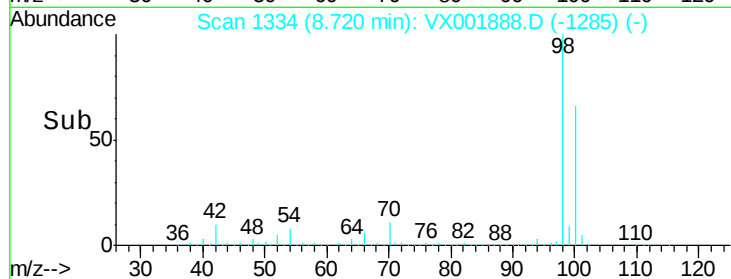
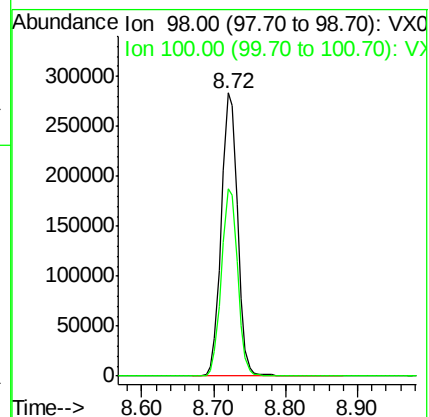
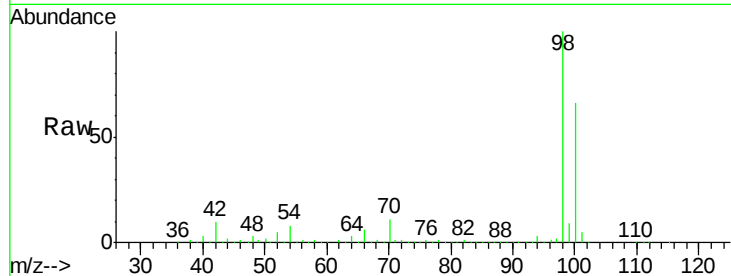
Z3TB10-180514RE

Tgt Ion: 98 Resp: 444967

Ion Ratio Lower Upper

98 100

100 66.0 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 36.31 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001888.D

Acq: 21 May 2018 20:01

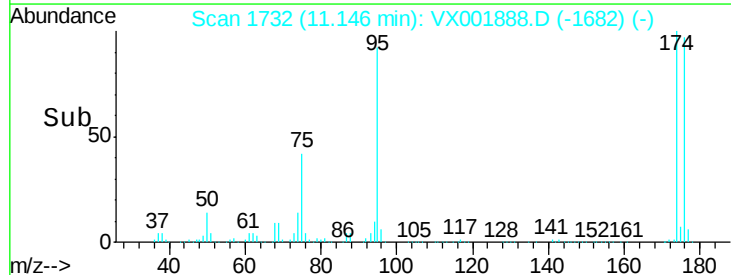
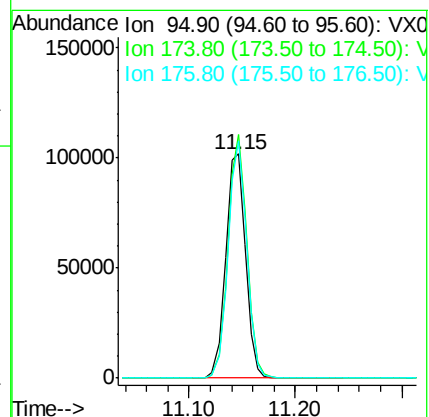
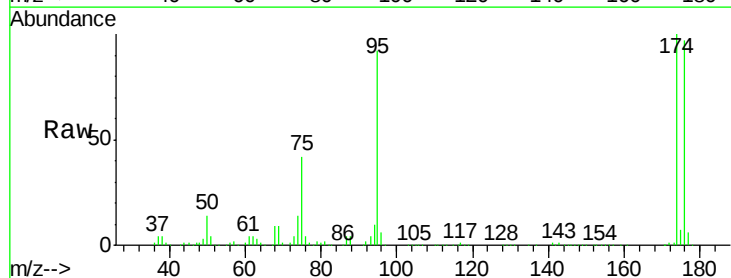
Tgt Ion: 95 Resp: 132437

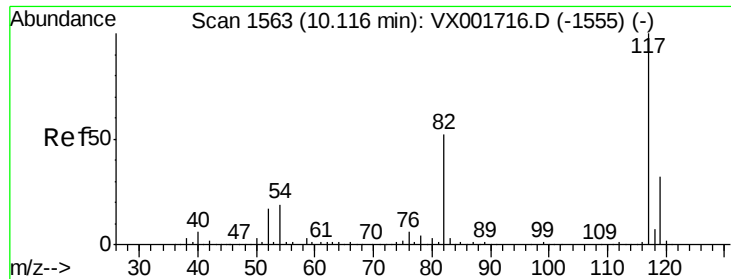
Ion Ratio Lower Upper

95 100

174 103.6 0.0 201.8

176 99.9 0.0 196.8

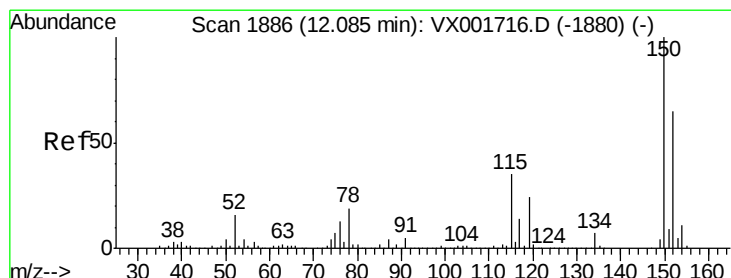
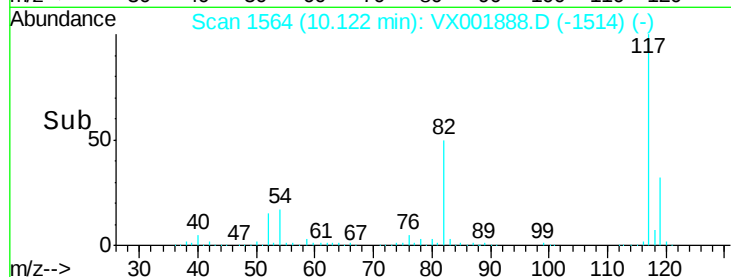
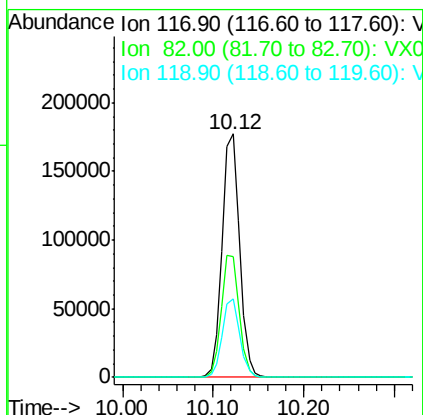
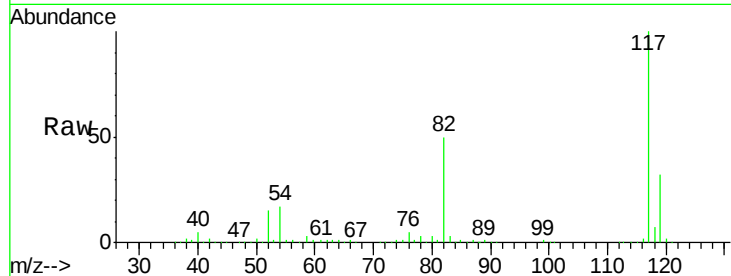




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

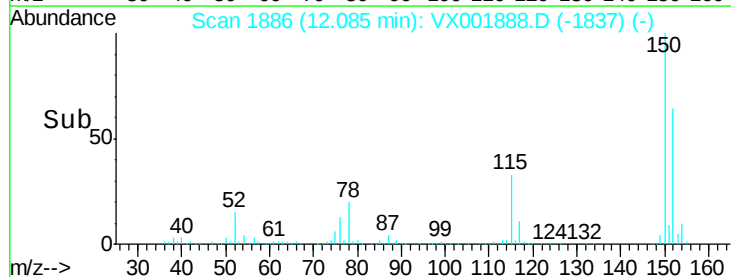
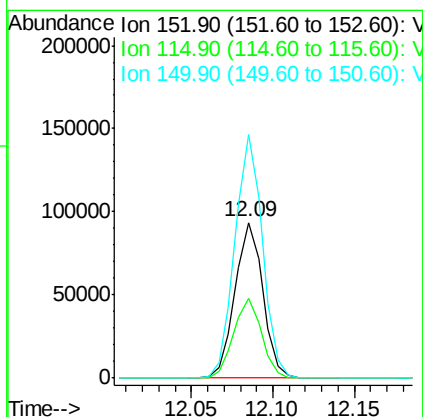
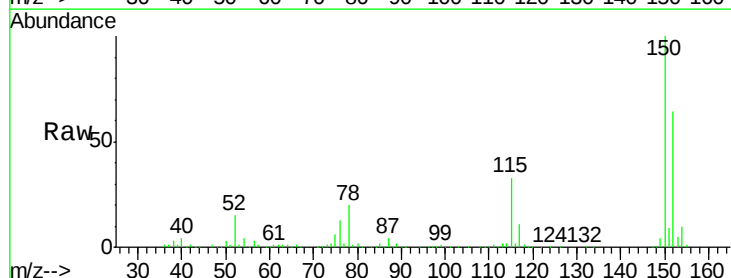
Instrument :
MSVOA_X
ClientSampleId :
Z3TB10-180514RE

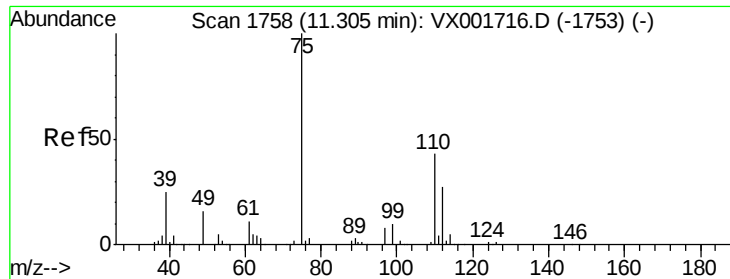
Tgt Ion:117 Resp: 239765
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

Tgt Ion:152 Resp: 111412
Ion Ratio Lower Upper
152 100
115 51.5 37.4 112.2
150 155.6 0.0 344.8

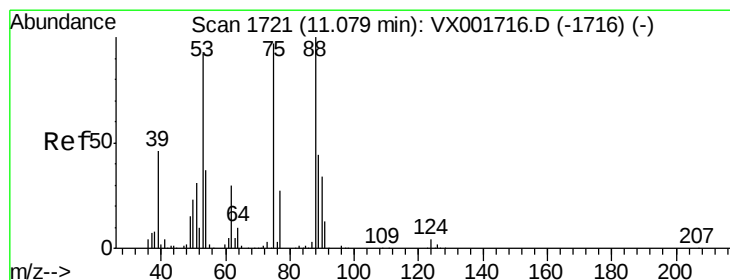
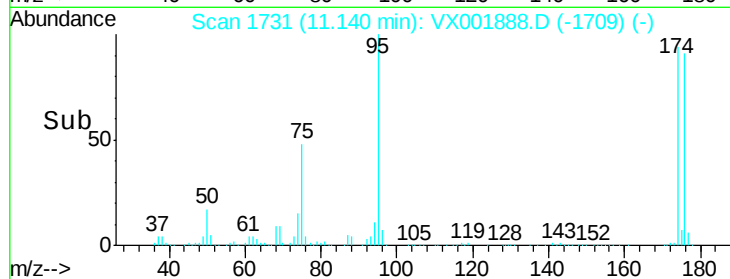
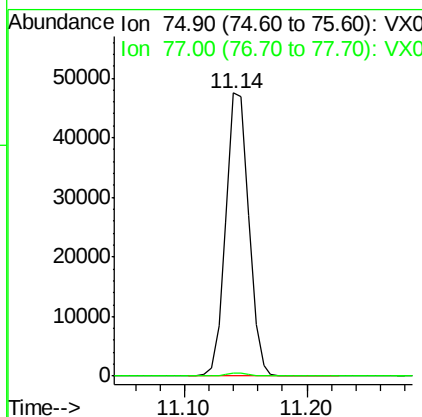
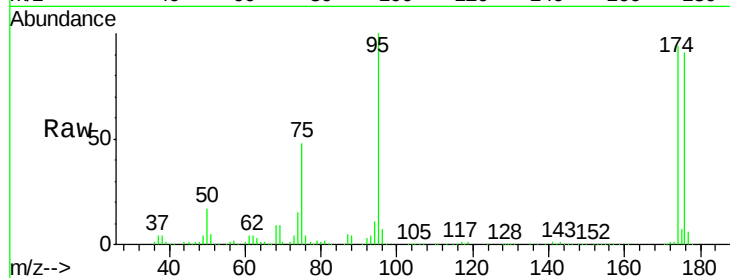




#76
 1,2,3-Trichloropropane
 Concen: 29.14 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001888.D
 Acq: 21 May 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB10-180514RE

Tgt Ion: 75 Resp: 61730
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.40 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001888.D
 Acq: 21 May 2018 20:01

Tgt Ion: 75 Resp: 61730
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.4 119.2#
 89 0.0 38.8 58.2#

