

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001846.D
 Acq On : 19 May 2018 01:07
 Operator : JC/MD
 Sample : VX0518WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 02:31:27 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	303172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	431023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186540	50.00	ug/l	0.00

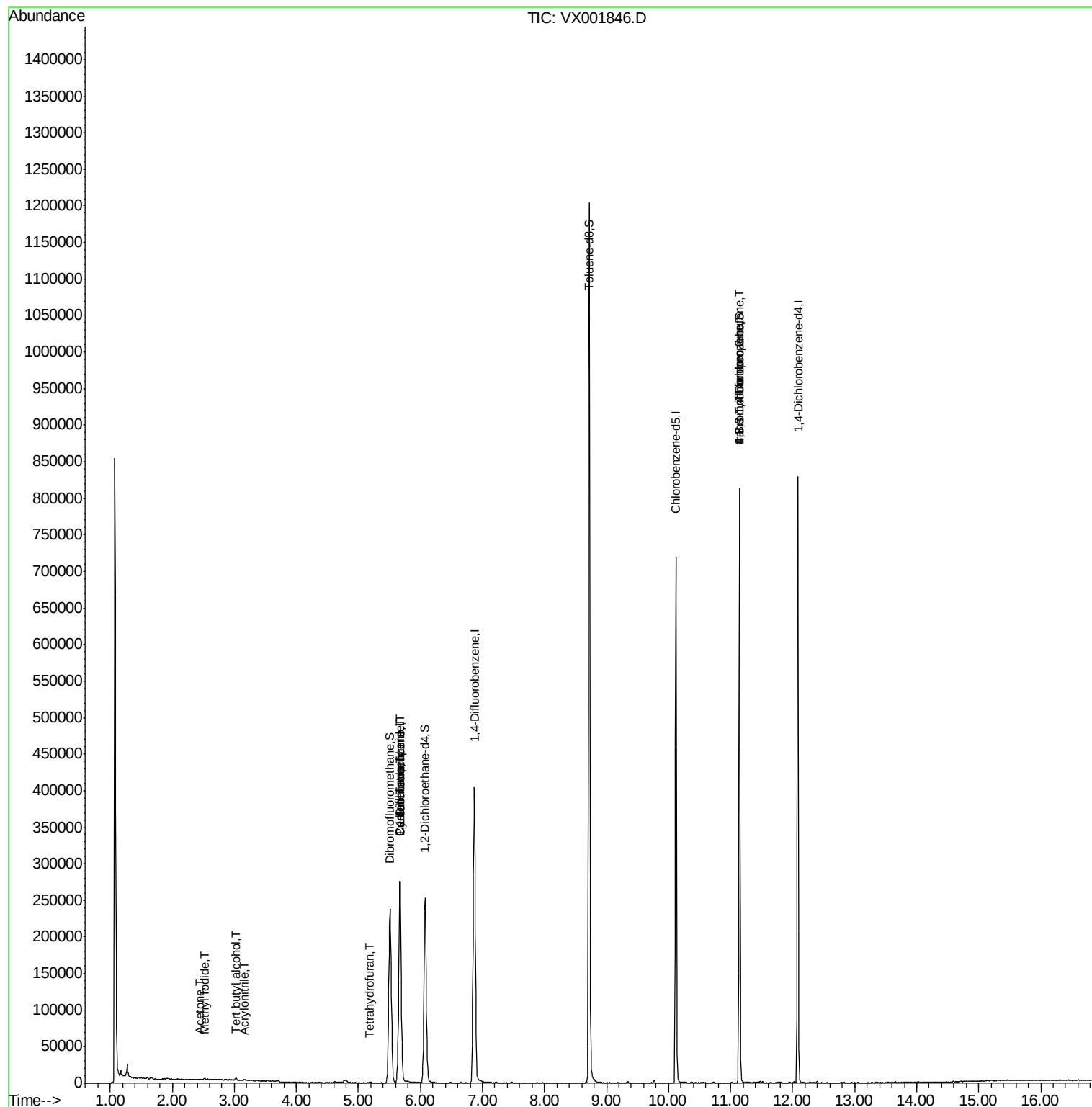
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	232905	57.31	ug/l	0.00
Spiked Amount			Recovery	=	114.62%	
35) Dibromofluoromethane	5.51	113	199247	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
50) Toluene-d8	8.72	98	723008	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	
62) 4-Bromofluorobenzene	11.14	95	205607	43.83	ug/l	0.00
Spiked Amount			Recovery	=	87.66%	

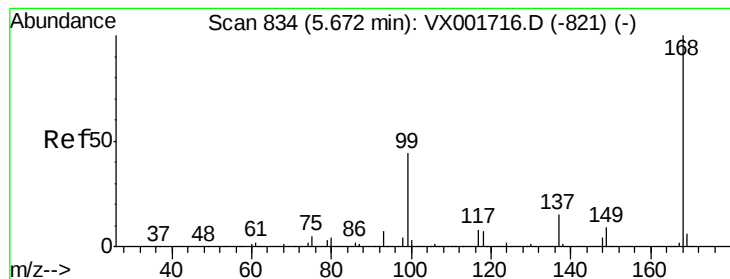
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1391	Below Cal		84
10) Methyl Iodide	2.52	142	1860	0.65 ug/l		97
11) Tert butyl alcohol	3.03	59	1743	2.42 ug/l #		76
15) Acrylonitrile	3.15	53	421	0.23 ug/l #		84
16) Acetone	2.45	43	654	0.41 ug/l		92
29) Tetrahydrofuran	5.18	42	427	0.27 ug/l #		55
31) Cyclohexane	5.67	56	4616	0.90 ug/l #		1
36) 1,1-Dichloropropene	5.67	75	17409	3.51 ug/l #		48
38) Carbon Tetrachloride	5.67	117	24675	4.75 ug/l #		17
76) 1,2,3-Trichloropropane	11.14	75	95500	26.92 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	95500	78.23 ug/l #		10

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

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 19 02:31:27 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: VX001846.D

Acq: 19 May 2018 01:07

Instrument :

MSVOA_X

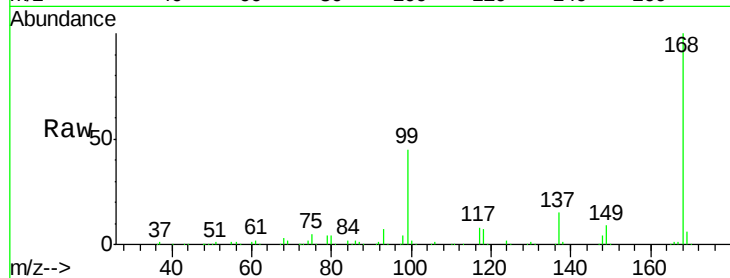
ClientSampled :

Tot Ion:168 Resp: 303172

Ion Ratio Lower Upper

168 100

99 45.2 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

120000

100000

80000

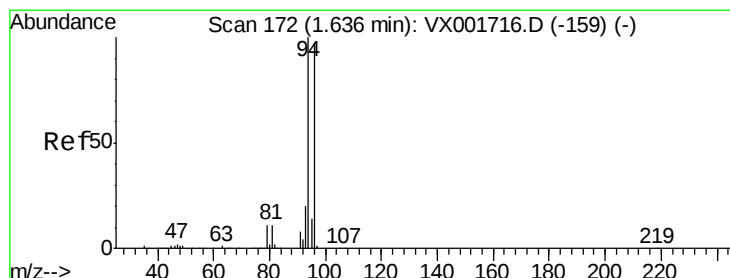
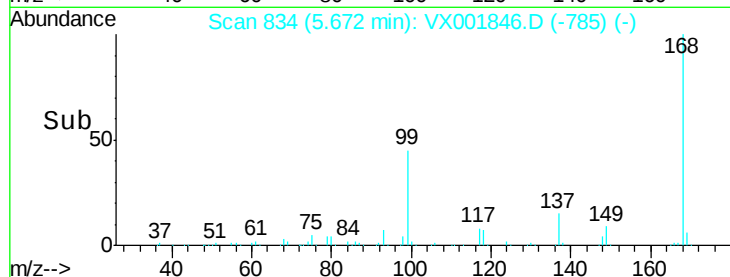
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001846.D

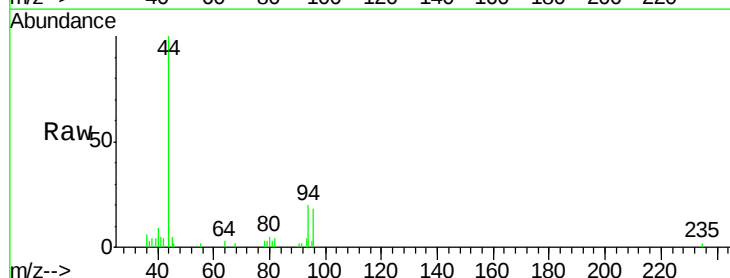
Acq: 19 May 2018 01:07

Tgt Ion: 94 Resp: 1391

Ion Ratio Lower Upper

94 100

96 80.7 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

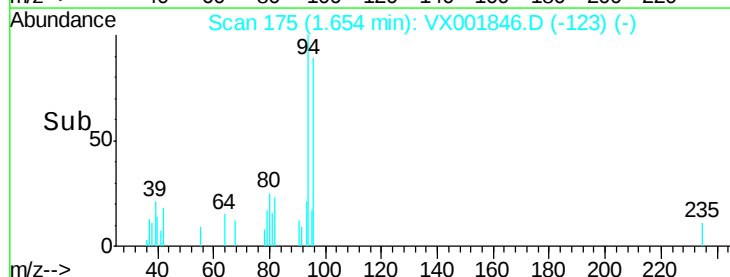
600

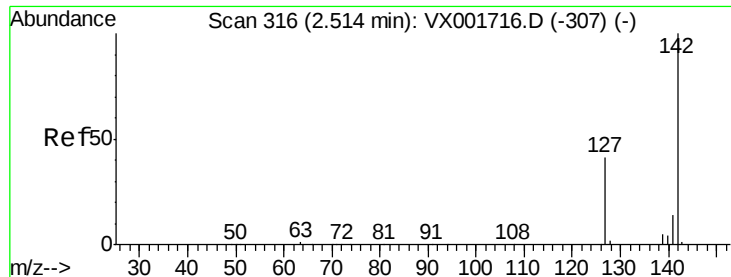
400

200

0

Time--> 1.60 1.65 1.70

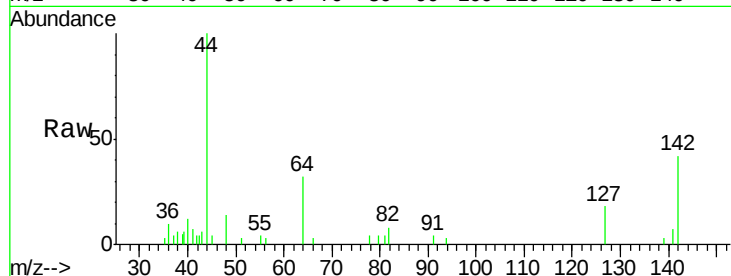




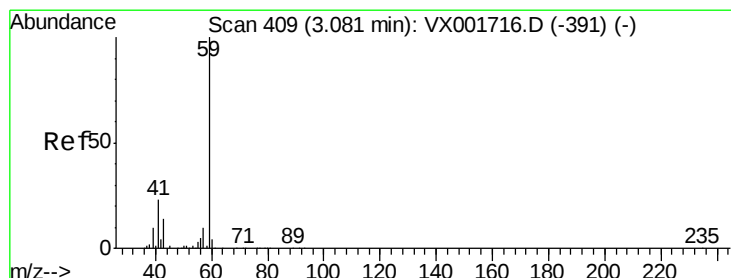
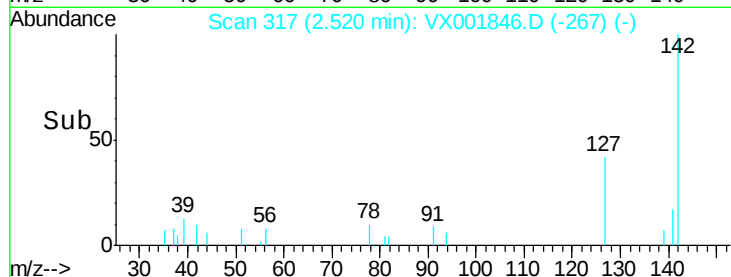
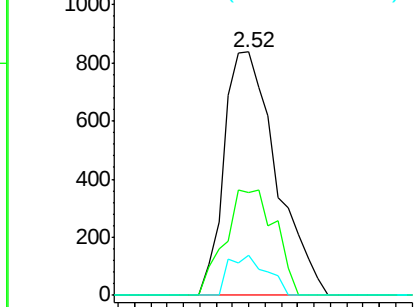
#10
Methvl Iodide
Concen: 0.65 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001846.D
Acq: 19 May 2018 01:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 1860
Ion Ratio Lower Upper
142 100
127 41.6 32.5 48.7
141 12.0 11.4 17.0

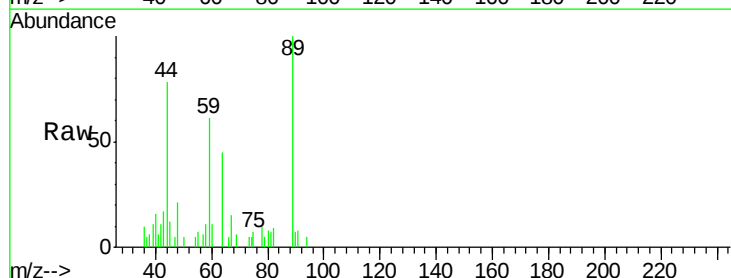


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

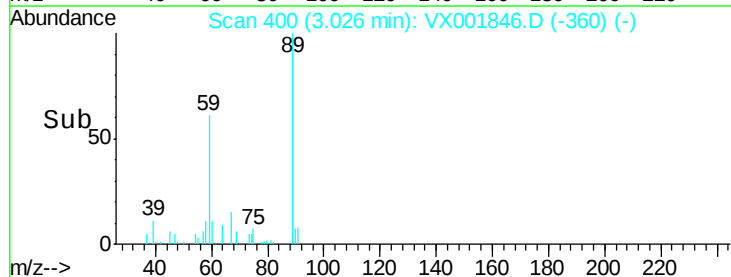
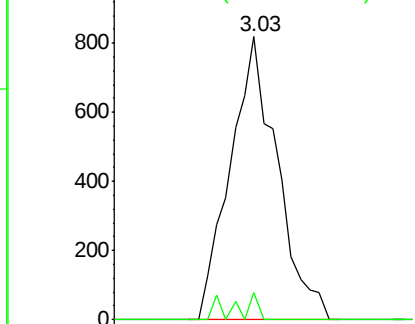


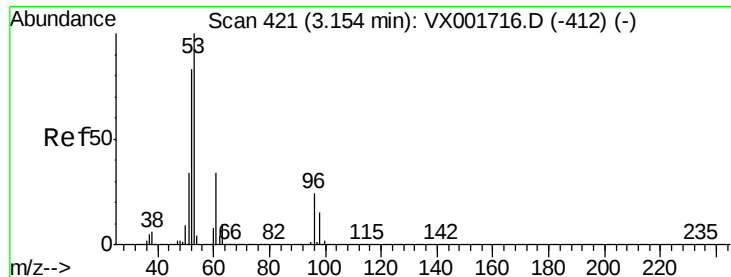
#11
Tert butyl alcohol
Concen: 2.42 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX001846.D
Acq: 19 May 2018 01:07

Tgt Ion: 59 Resp: 1743
Ion Ratio Lower Upper
59 100
57 1.7 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#15

Acrylonitrile

Concen: 0.23 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001846.D

Acq: 19 May 2018 01:07

Instrument :

MSVOA_X

ClientSampled :

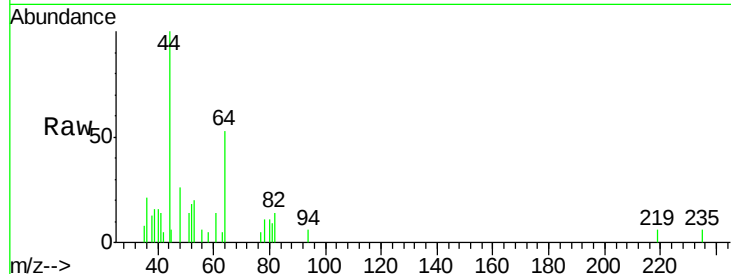
Tot Ion: 53 Resp: 421

Ion Ratio Lower Upper

53 100

52 85.3 65.6 98.4

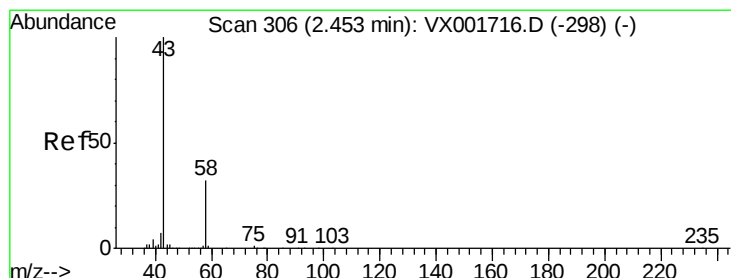
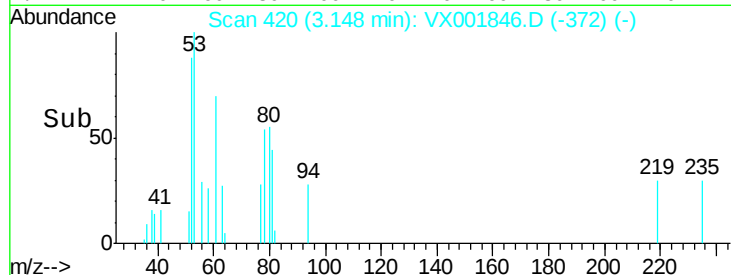
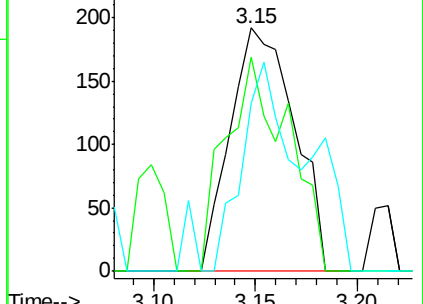
51 60.8 28.1 42.1#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001846.D

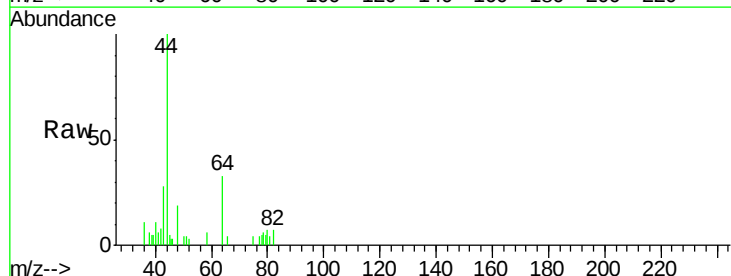
Acq: 19 May 2018 01:07

Tgt Ion: 43 Resp: 654

Ion Ratio Lower Upper

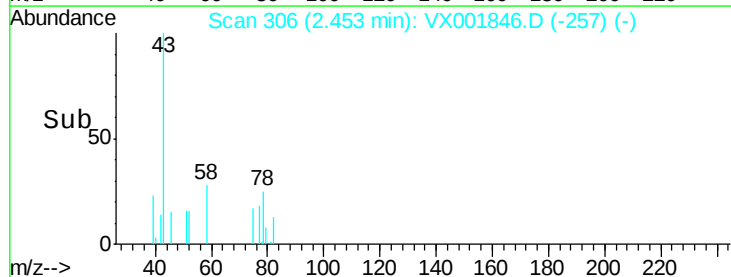
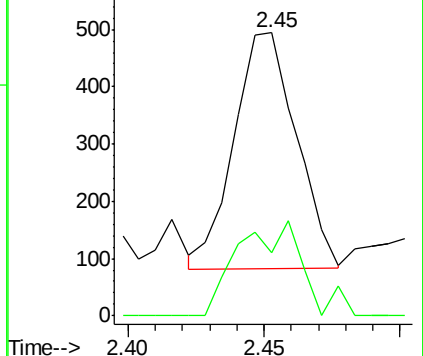
43 100

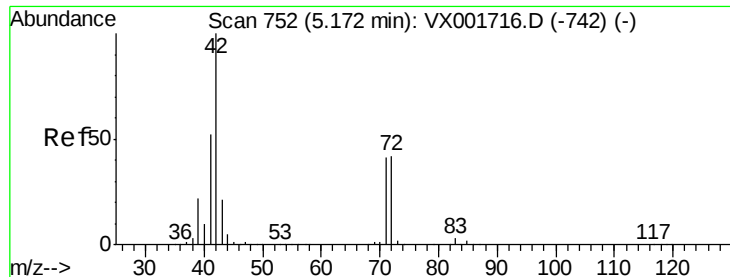
58 27.4 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001846.D

Acq: 19 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

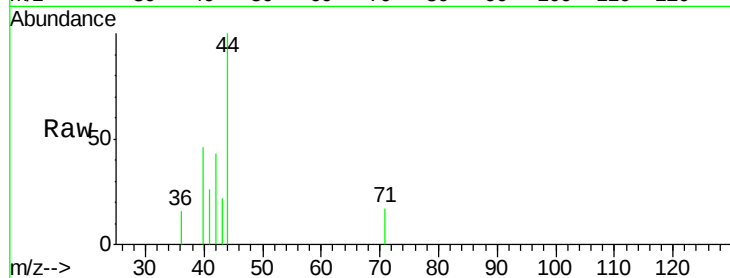
Tot Ion: 42 Resp: 427

Ion Ratio Lower Upper

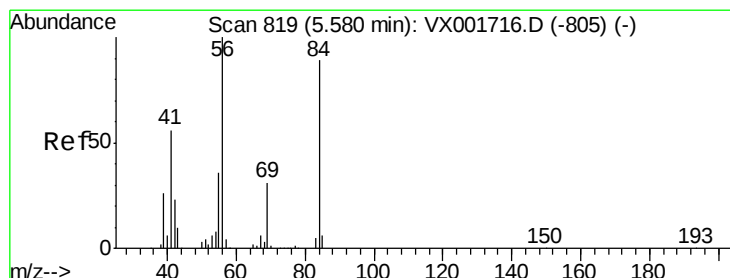
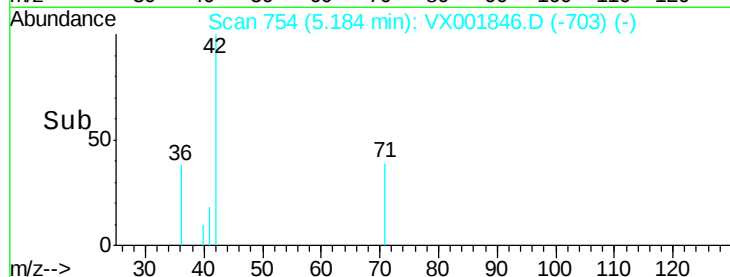
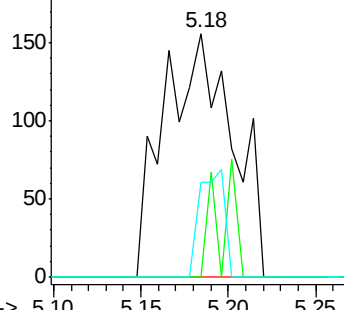
42 100

72 12.2 35.4 53.2#

71 16.4 33.2 49.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 0.90 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001846.D

Acq: 19 May 2018 01:07

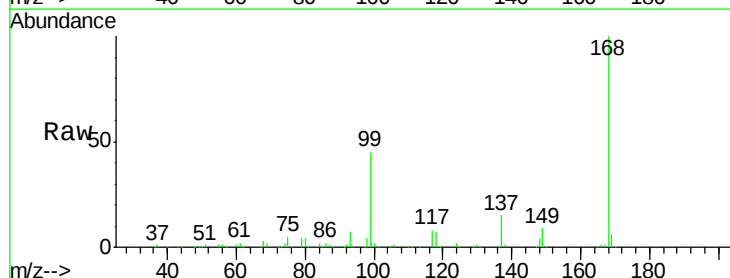
Tgt Ion: 56 Resp: 4616

Ion Ratio Lower Upper

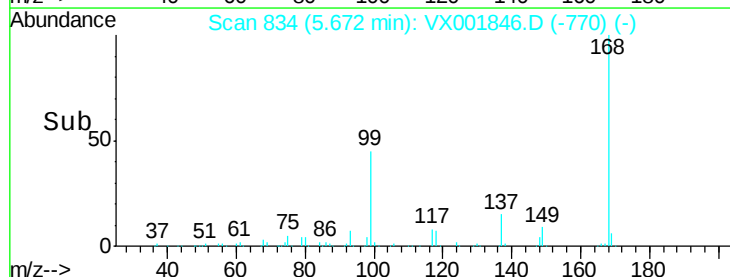
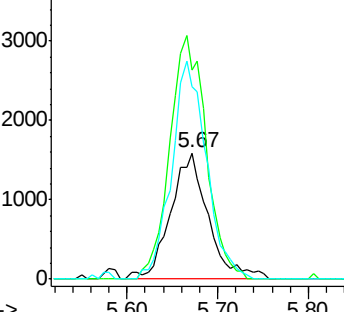
56 100

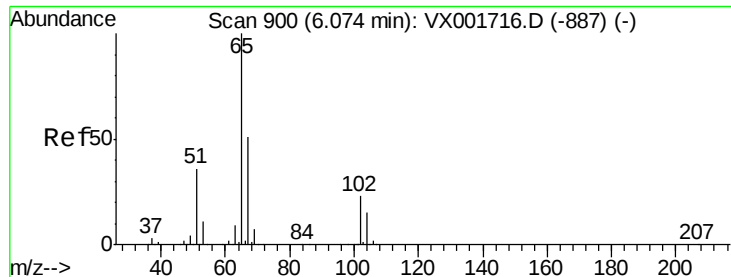
69 166.3 25.0 37.6#

84 152.6 71.0 106.4#



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

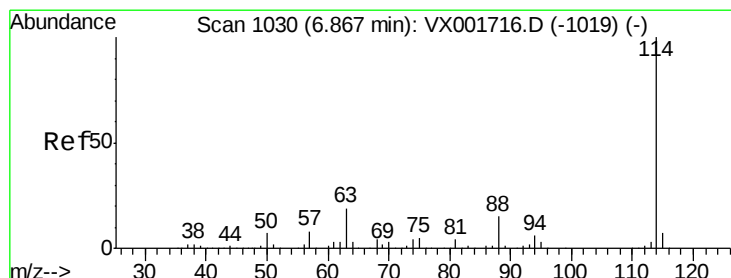
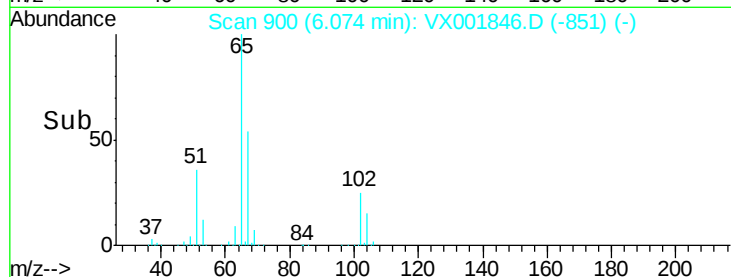
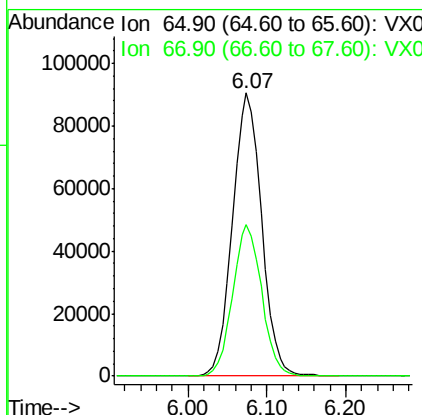
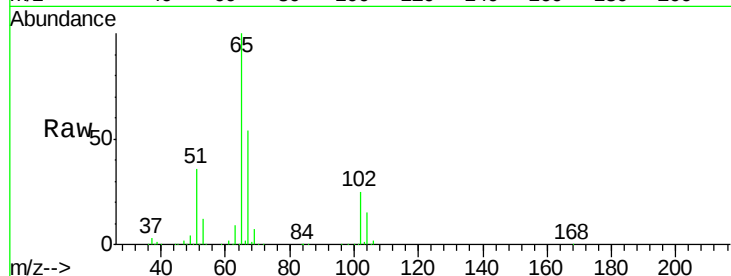




#33
 1,2-Dichloroethane-d4
 Concen: 57.31 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001846.D
 Acq: 19 May 2018 01:07

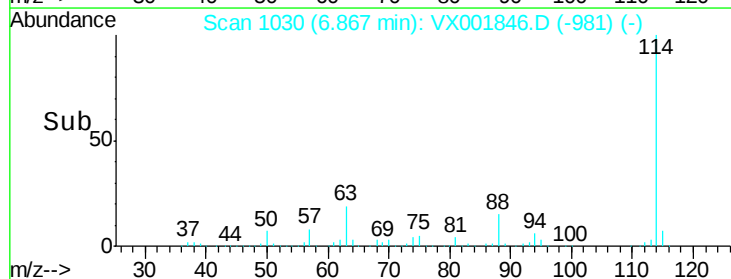
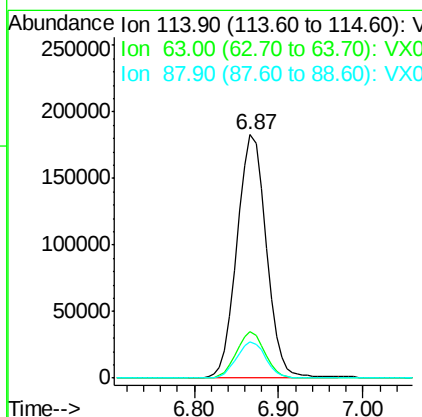
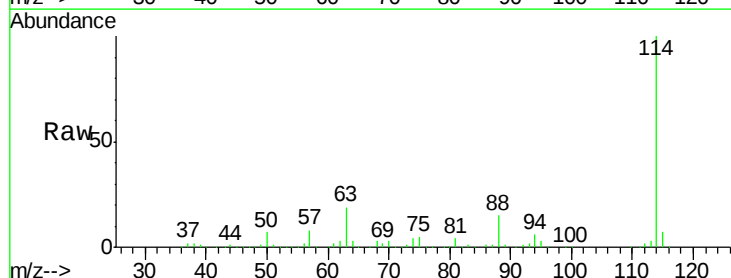
Instrument :
 MSVOA_X
 ClientSampled :

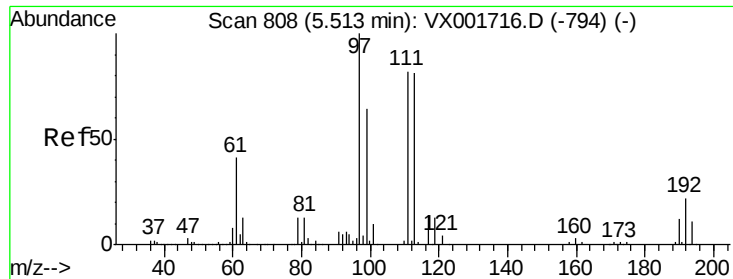
Tot Ion: 65 Resp: 232905
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001846.D
 Acq: 19 May 2018 01:07

Tgt Ion: 114 Resp: 431023
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 15.1 0.0 29.8

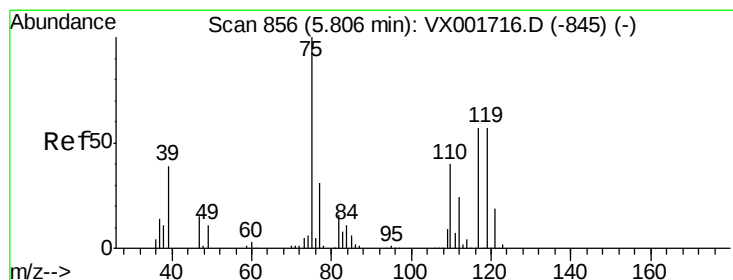
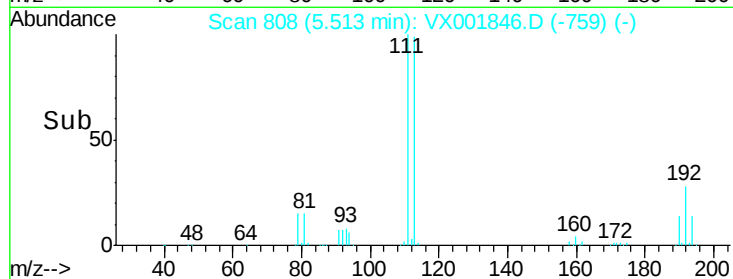
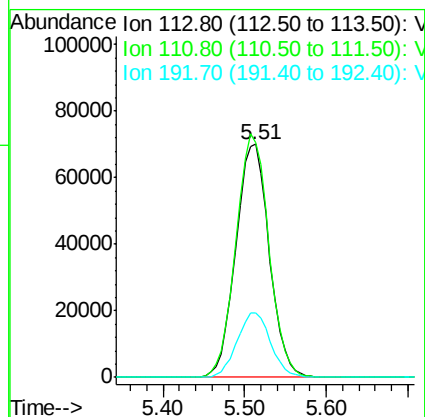
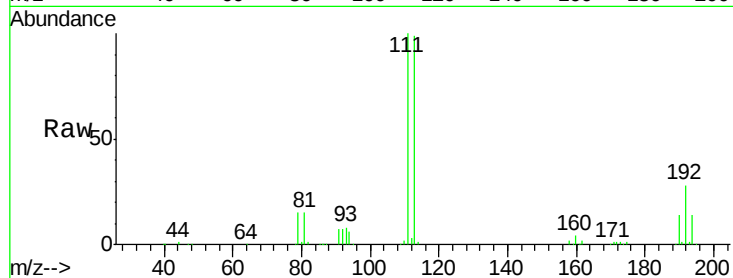




#35
 Dibromofluoromethane
 Concen: 54.78 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001846.D
 Acq: 19 May 2018 01:07

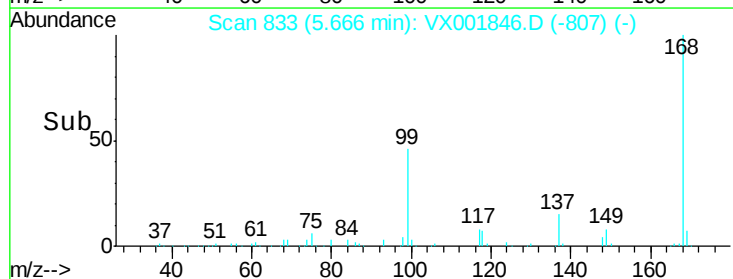
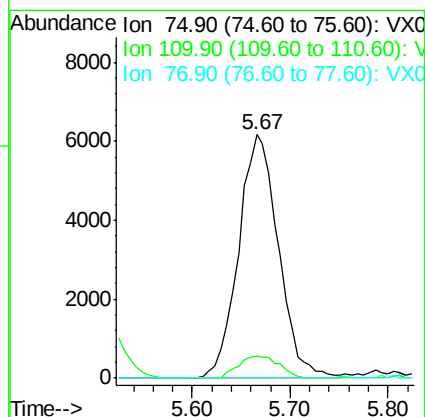
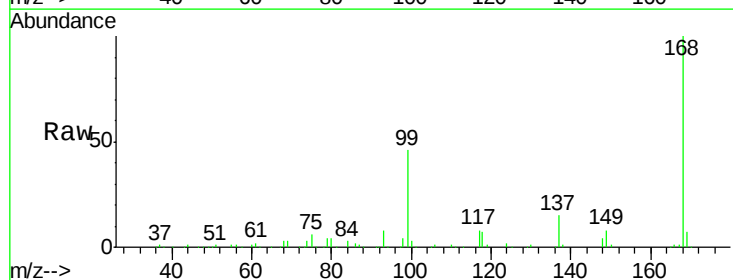
Instrument :
 MSVOA_X
 ClientSampleId :

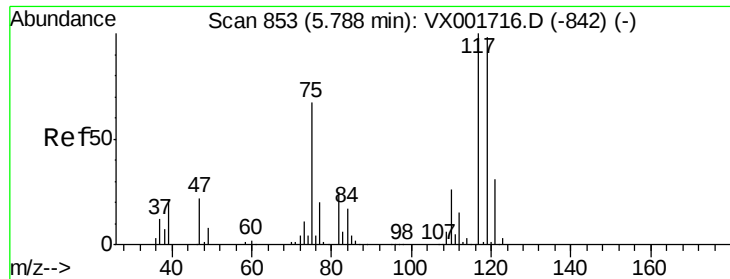
Tot Ion:113 Resp: 199247
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 27.7 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.51 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001846.D
 Acq: 19 May 2018 01:07

Tgt Ion: 75 Resp: 17409
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.1#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 4.75 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001846.D

Acq: 19 May 2018 01:07

Instrument :

MSVOA_X

ClientSampleId :

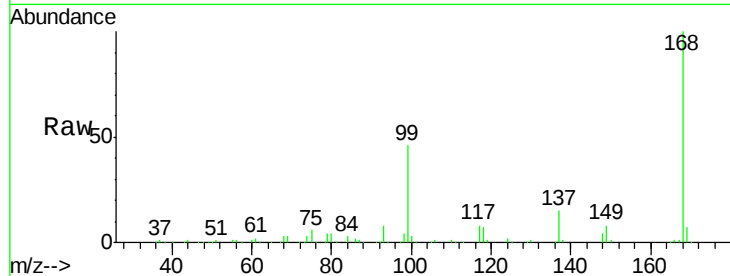
Tot Ion:117 Resp: 24675

Ion Ratio Lower Upper

117 100

119 6.6 77.6 116.4#

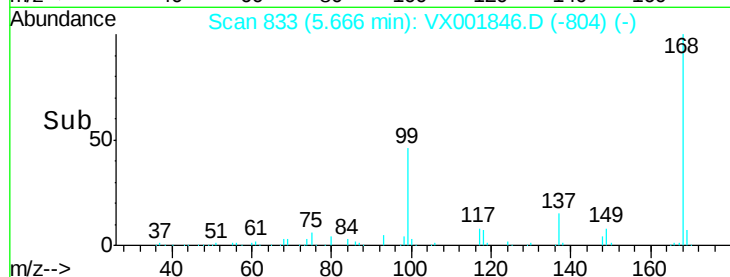
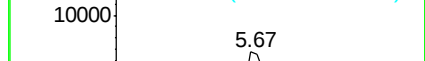
121 0.0 24.6 36.8#



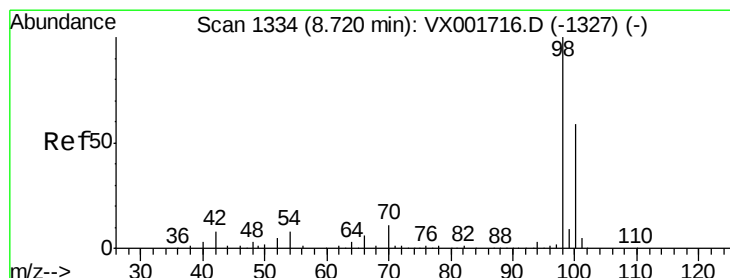
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->



#50

Toluene-d8

Concen: 55.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001846.D

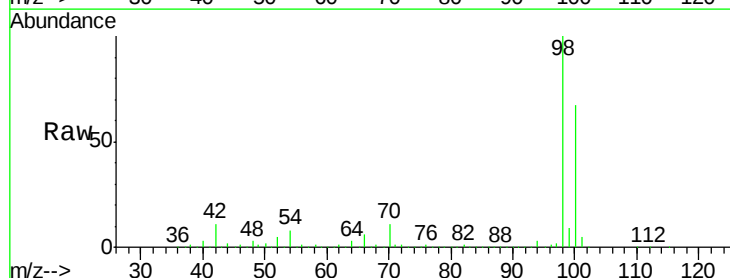
Acq: 19 May 2018 01:07

Tgt Ion: 98 Resp: 723008

Ion Ratio Lower Upper

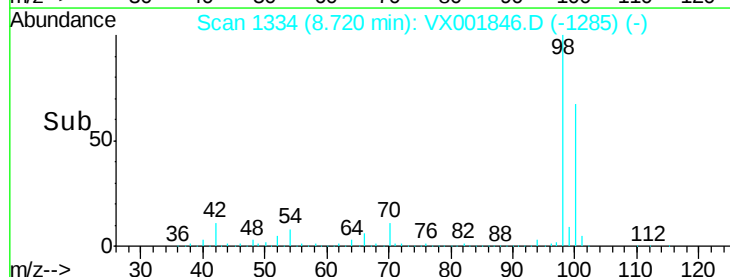
98 100

100 66.7 54.0 81.0

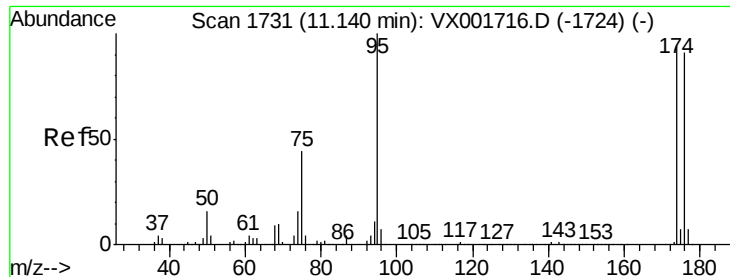


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



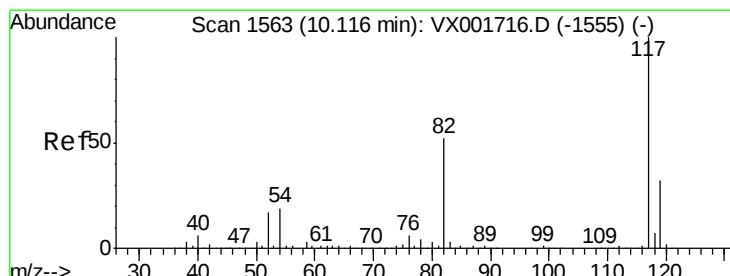
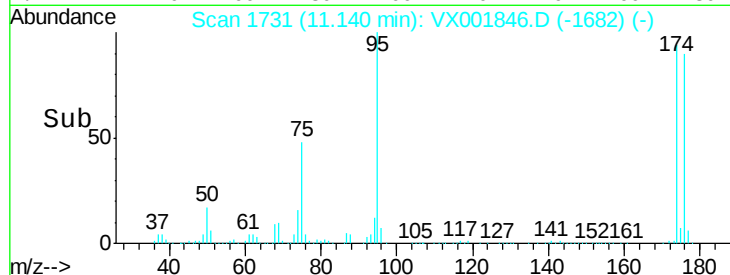
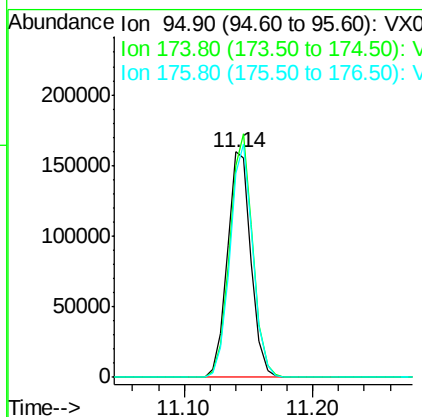
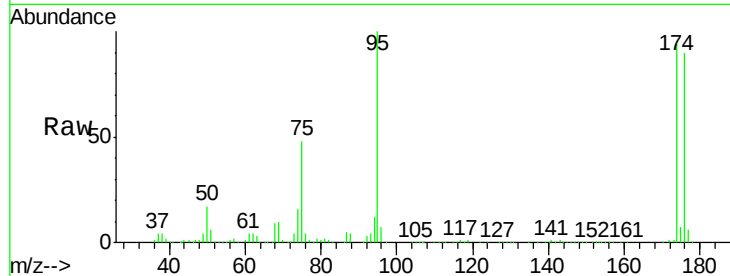
Time-->



#62
4-Bromofluorobenzene
Concen: 43.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001846.D
Acq: 19 May 2018 01:07

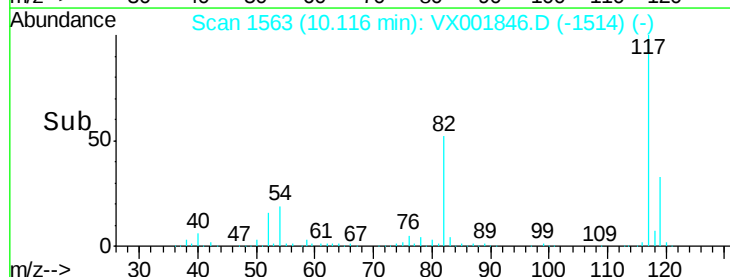
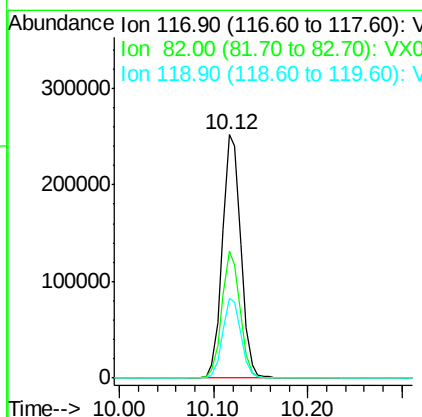
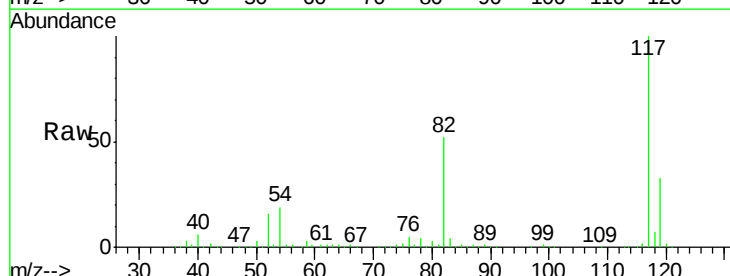
Instrument :
MSVOA_X
ClientSampleId :

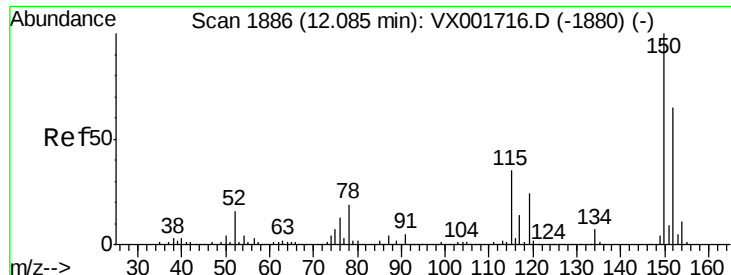
Tot Ion: 95 Resp: 205607
Ion Ratio Lower Upper
95 100
174 104.3 0.0 201.8
176 99.6 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001846.D
Acq: 19 May 2018 01:07

Tgt Ion: 117 Resp: 342196
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.2
119 32.5 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: VX001846.D

Acq: 19 May 2018 01:07

Instrument :

MSVOA_X

ClientSampled :

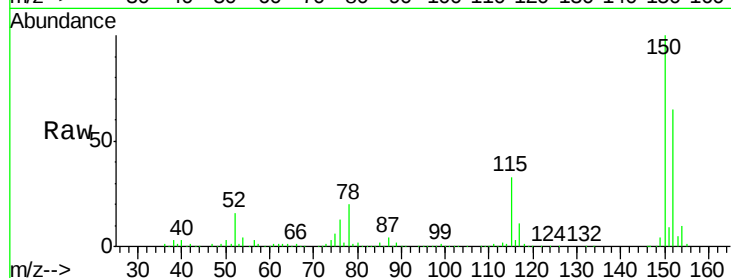
Tot Ion:152 Resp: 186540

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

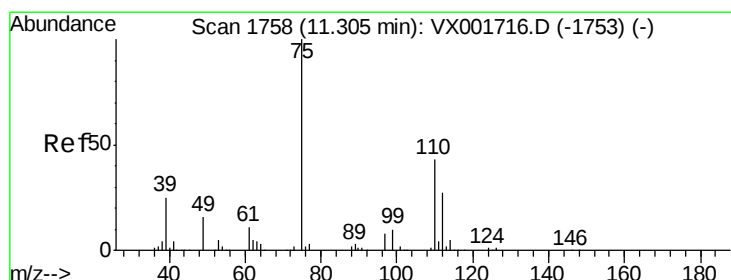
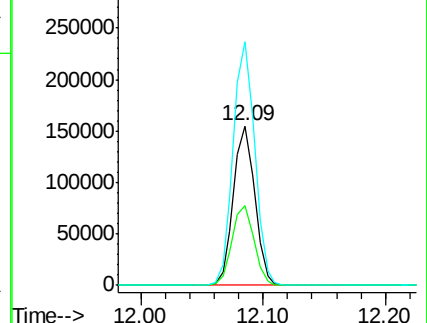
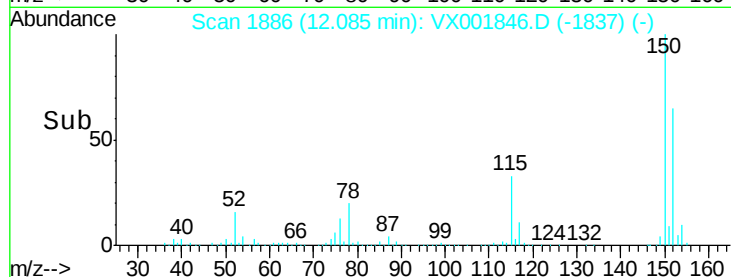
150 154.5 0.0 344.8



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



#76

1,2,3-Trichloropropane

Concen: 26.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001846.D

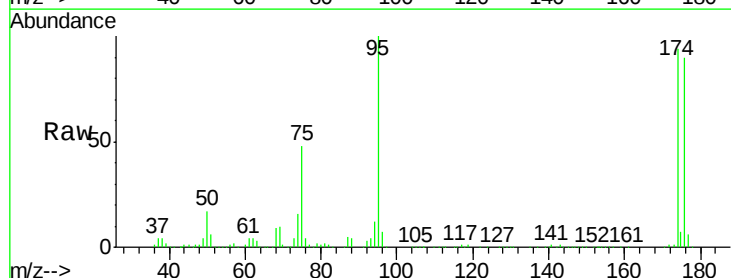
Acq: 19 May 2018 01:07

Tgt Ion: 75 Resp: 95500

Ion Ratio Lower Upper

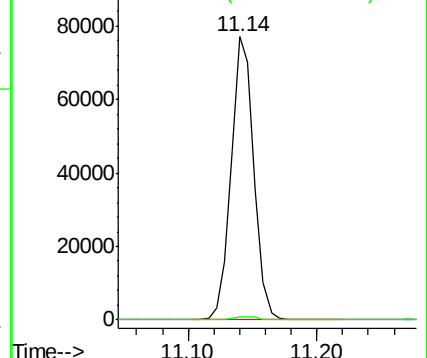
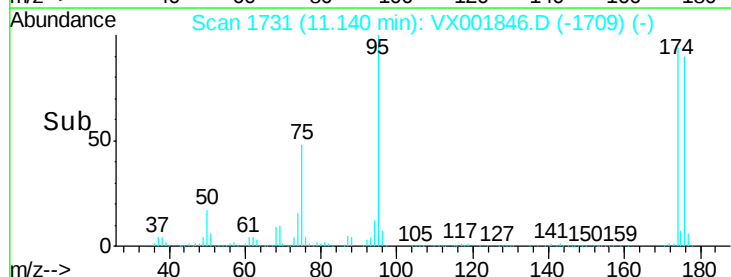
75 100

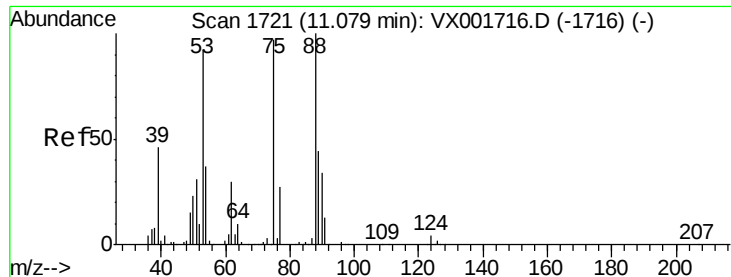
77 1.4 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.23 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001846.D
 Acq: 19 May 2018 01:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 95500
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.4 119.2#
 89 0.0 38.8 58.2#

