

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002996.D
 Acq On : 28 Jun 2018 20:06
 Operator : JC/MD
 Sample : J3668-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW244-180620

Quant Time: Jun 29 09:58:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

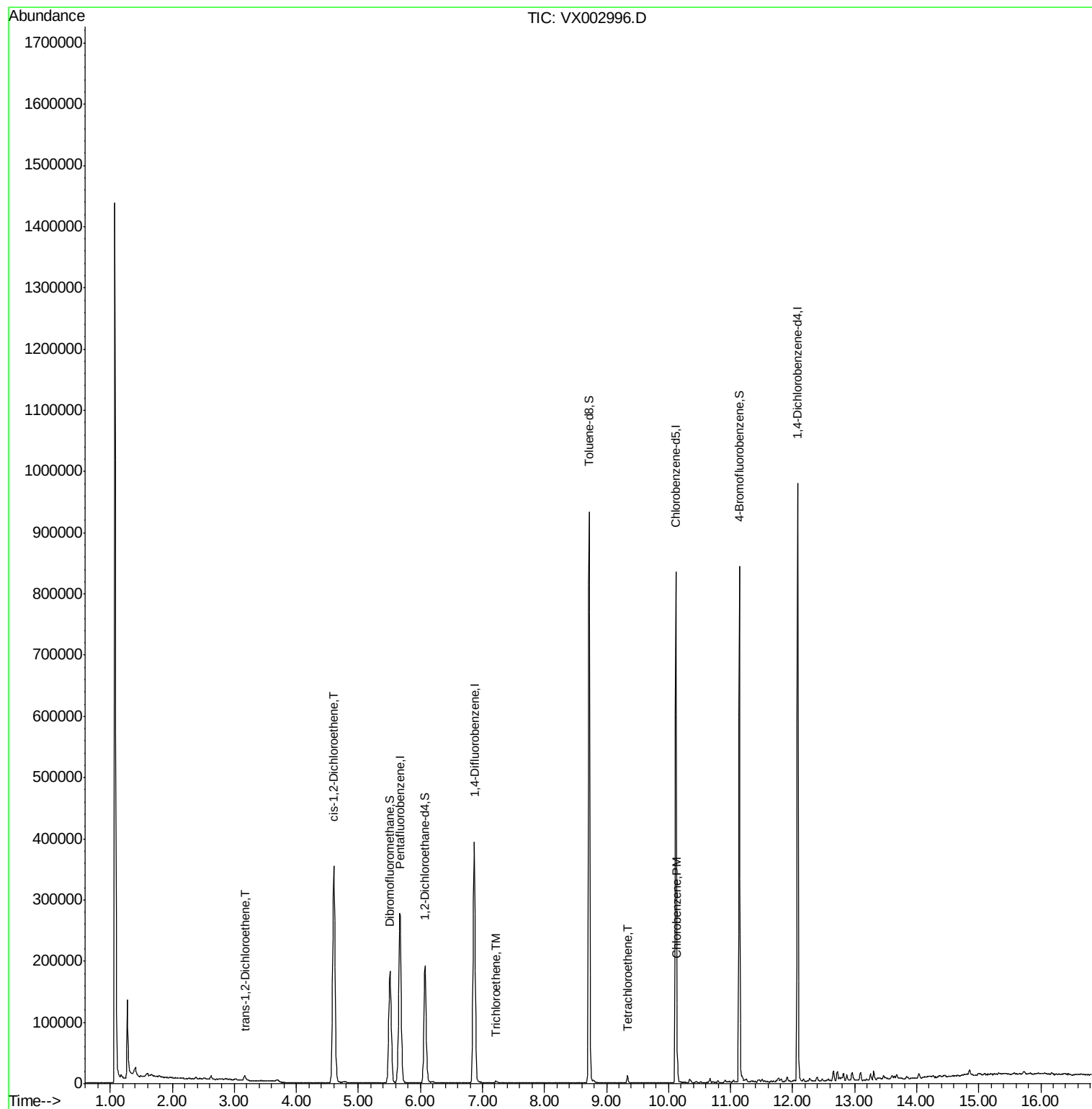
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	393157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184018	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.51	113	150153	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	8.72	98	549038	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.14	95	200023	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	3087	1.02	ug/l	# 75
27) cis-1,2-Dichloroethene	4.60	96	222292	65.60	ug/l	84
44) Trichloroethene	7.21	130	1357	0.36	ug/l	81
64) Tetrachloroethene	9.34	164	2313	0.57	ug/l	87
65) Chlorobenzene	10.14	112	10228	1.11	ug/l	98

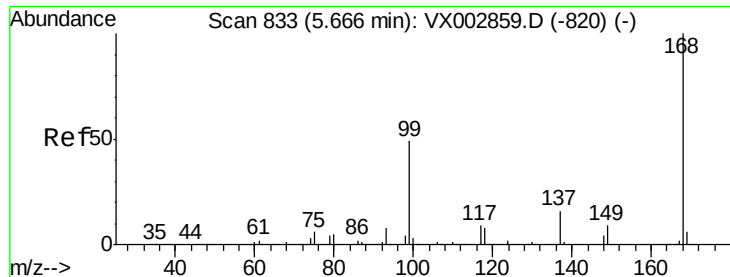
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002996.D

Acq: 28 Jun 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

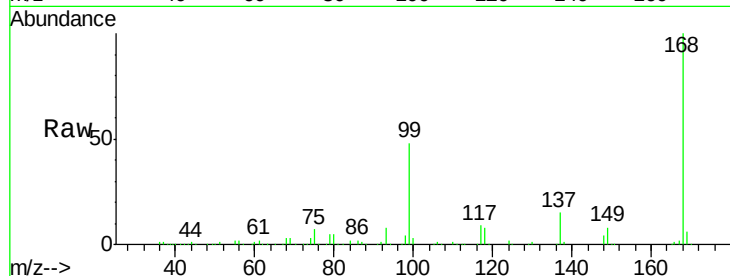
WP021RW244-180620

Tot Ion:168 Resp: 281342

Ion Ratio Lower Upper

168 100

99 48.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

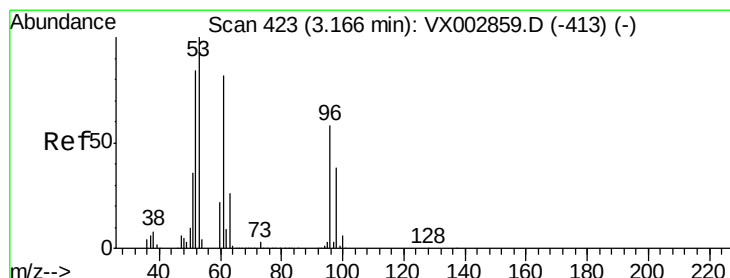
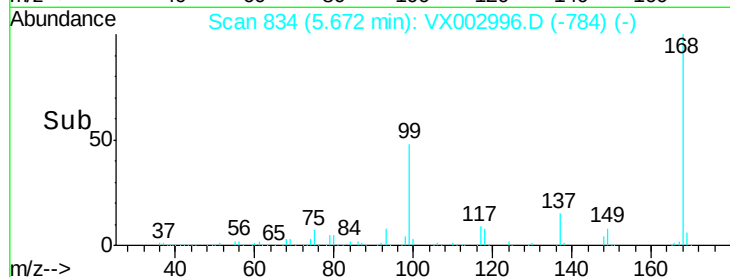
60000

40000

20000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.02 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX002996.D

Acq: 28 Jun 2018 20:06

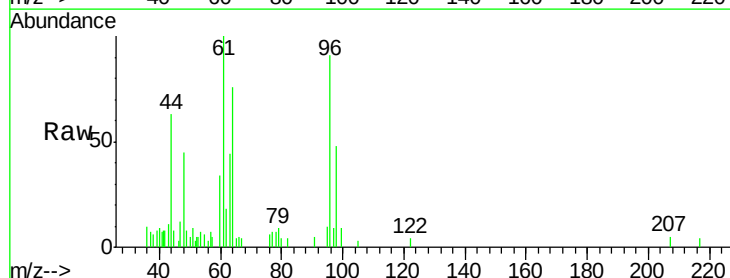
Tgt Ion: 96 Resp: 3087

Ion Ratio Lower Upper

96 100

61 110.1 117.0 175.4#

98 52.9 52.4 78.6



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

3.17

2500

2000

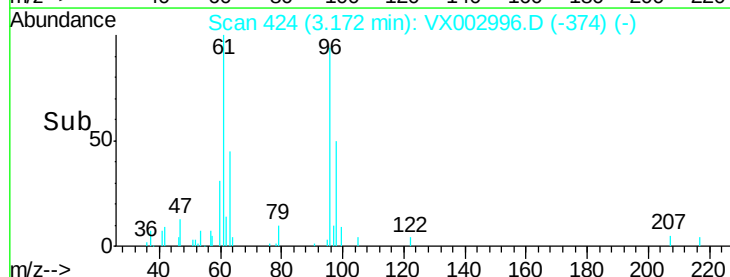
1500

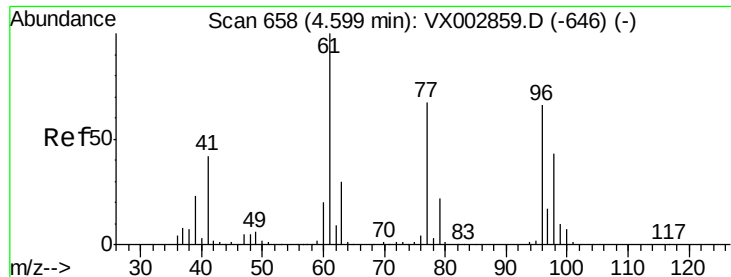
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 65.60 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002996.D

Acq: 28 Jun 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

WP021RW244-180620

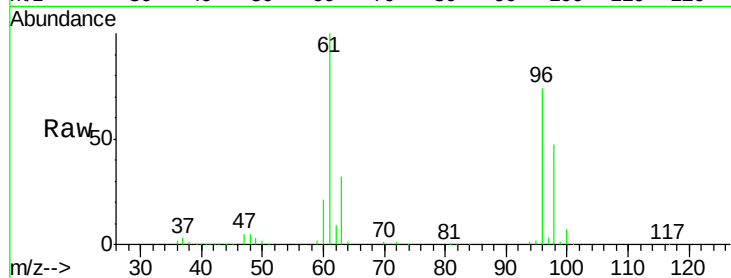
Tot Ion: 96 Resp: 222292

Ion Ratio Lower Upper

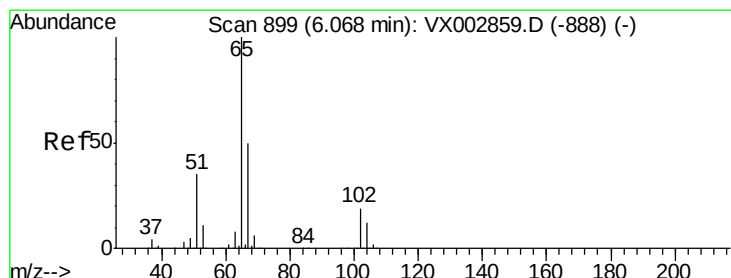
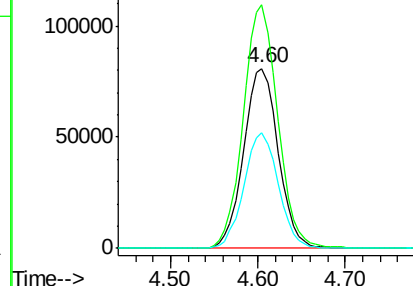
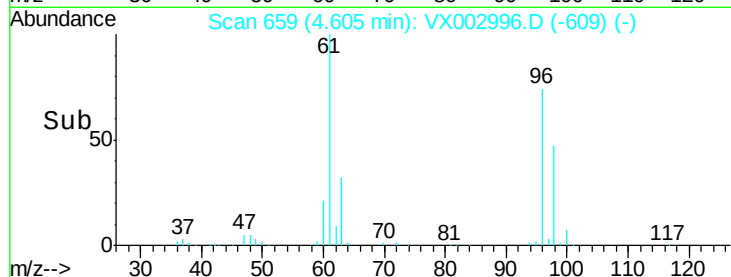
96 100

61 135.3 0.0 330.2

98 64.2 0.0 130.2



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



#33

1,2-Dichloroethane-d4

Concen: 47.32 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002996.D

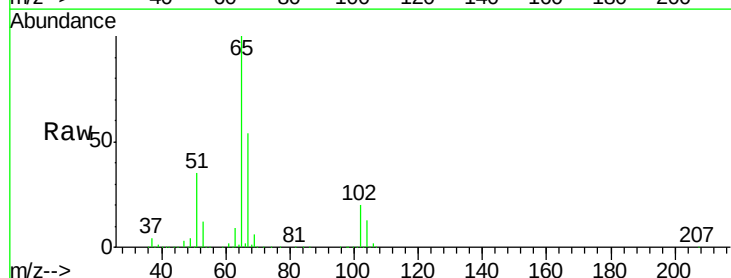
Acq: 28 Jun 2018 20:06

Tgt Ion: 65 Resp: 184018

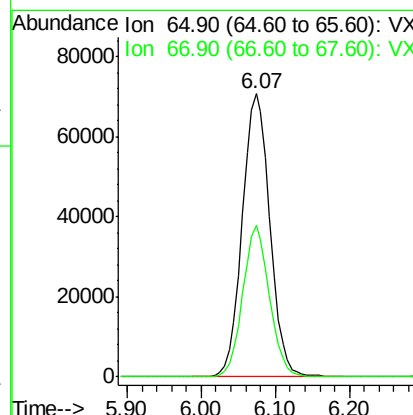
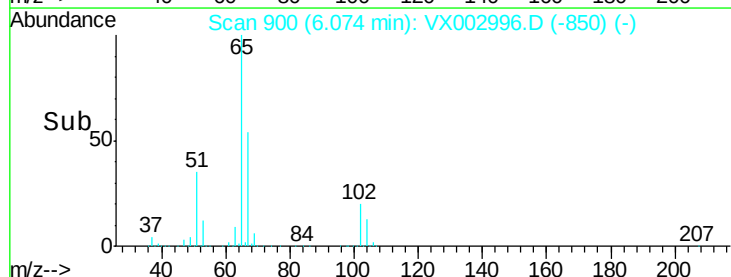
Ion Ratio Lower Upper

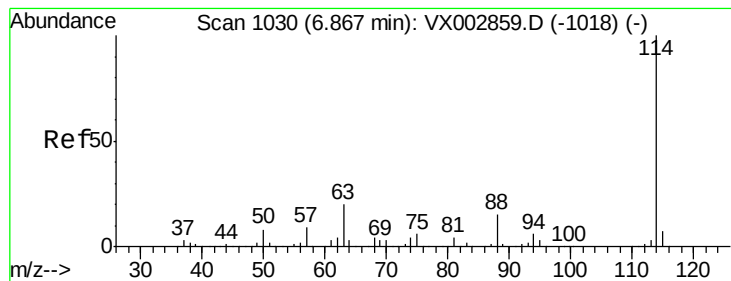
65 100

67 51.9 0.0 102.6



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002996.D

Acq: 28 Jun 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

WP021RW244-180620

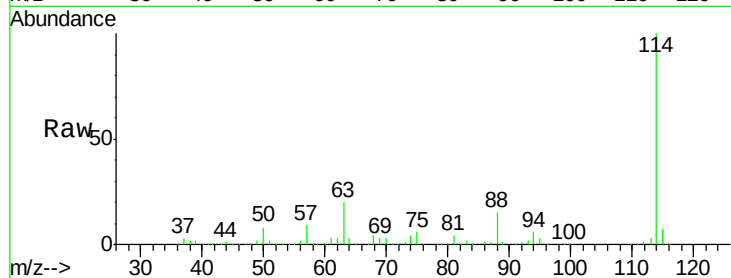
Tot Ion:114 Resp: 393157

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

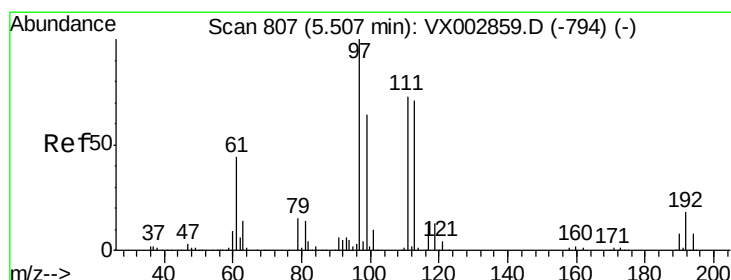
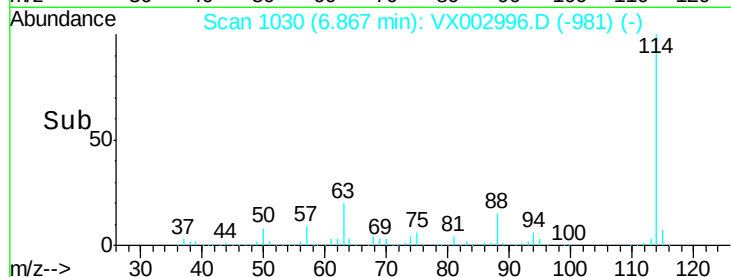
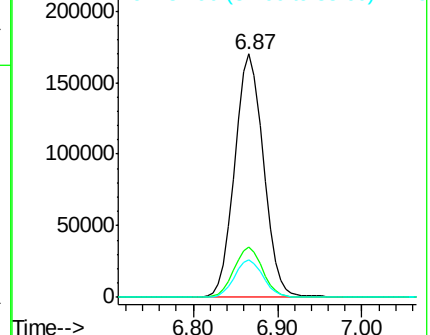
88 15.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002996.D

Acq: 28 Jun 2018 20:06

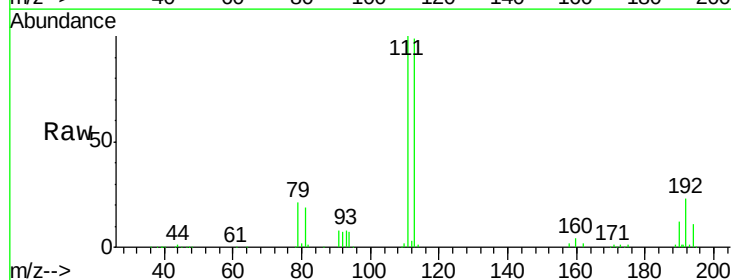
Tgt Ion:113 Resp: 150153

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

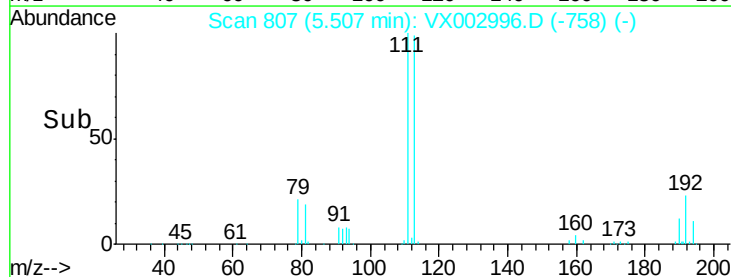
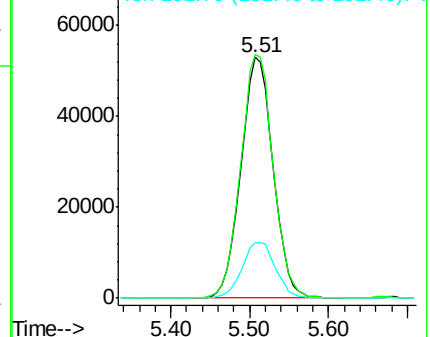
192 24.0 19.1 28.7

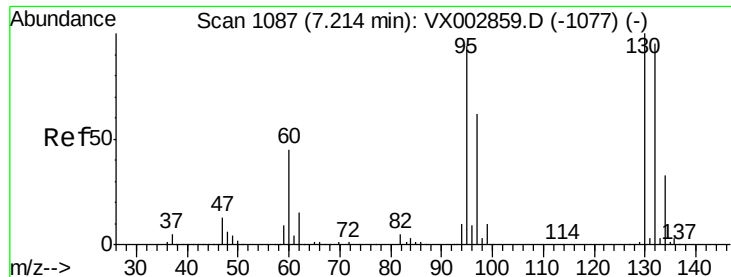


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.36 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002996.D

Acq: 28 Jun 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

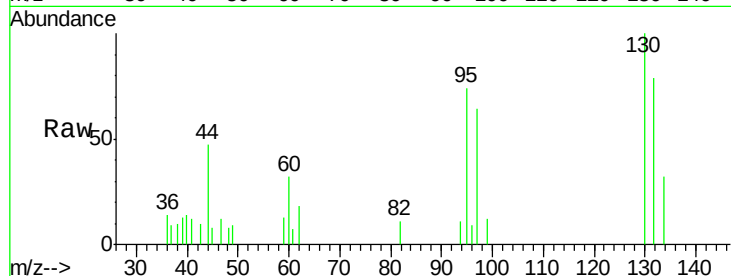
WP021RW244-180620

Tot Ion:130 Resp: 1357

Ion Ratio Lower Upper

130 100

95 74.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

800

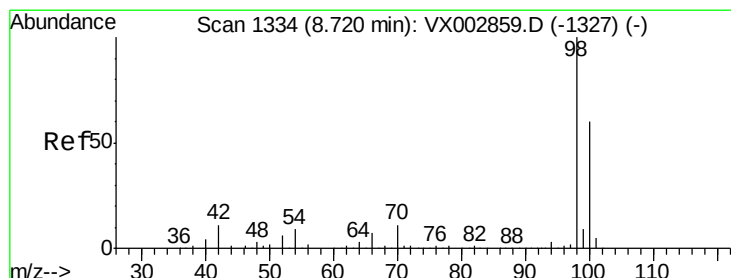
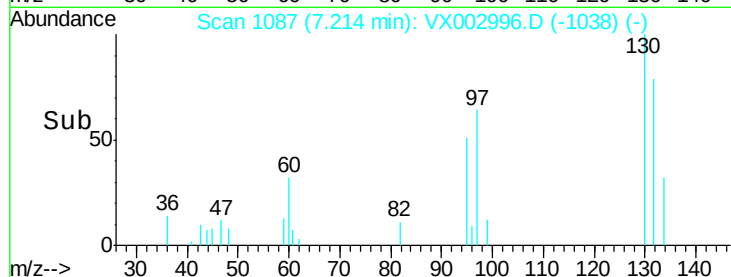
600

400

200

0

Time--> 7.15 7.20 7.25



#50

Toluene-d8

Concen: 48.29 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002996.D

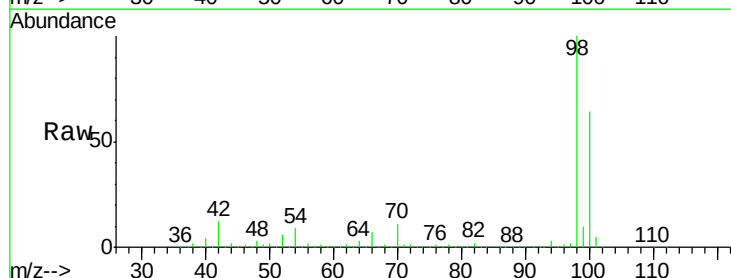
Acq: 28 Jun 2018 20:06

Tgt Ion: 98 Resp: 549038

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

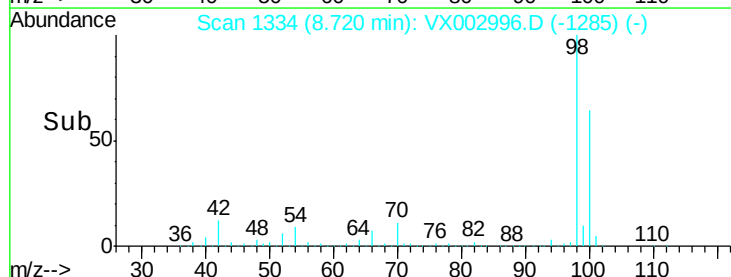
300000

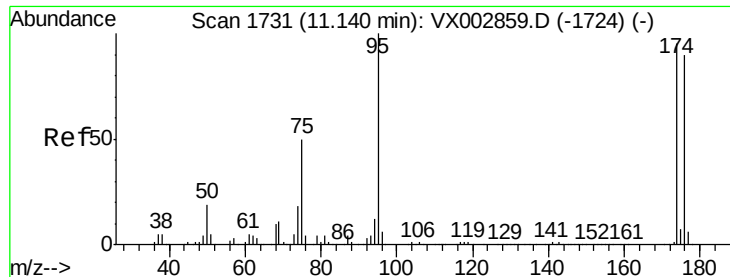
200000

100000

0

Time--> 8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 45.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002996.D

Acq: 28 Jun 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

WP021RW244-180620

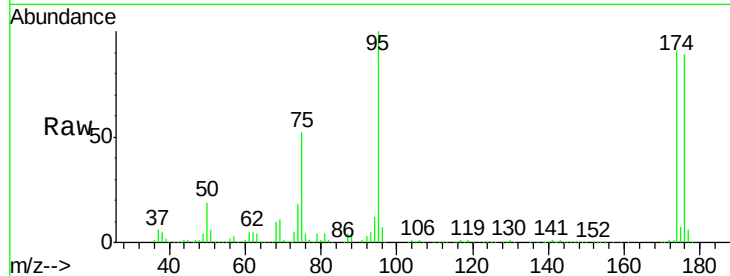
Tot Ion: 95 Resp: 200023

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

176 92.8 0.0 181.0

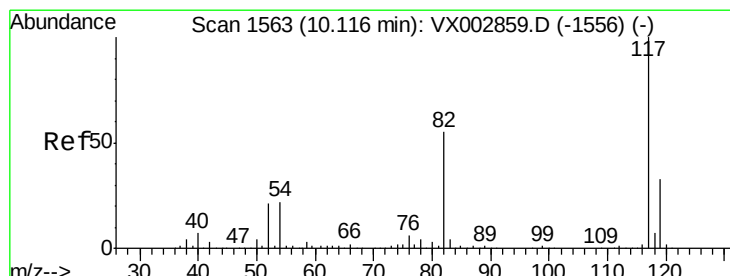
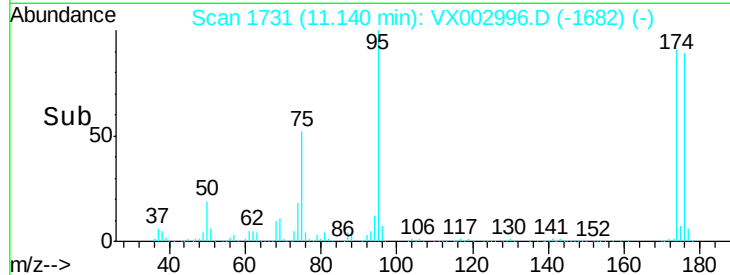


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002996.D

Acq: 28 Jun 2018 20:06

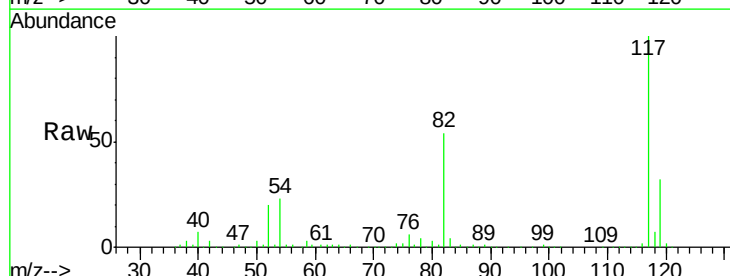
Tgt Ion: 117 Resp: 363022

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

119 32.1 25.8 38.6

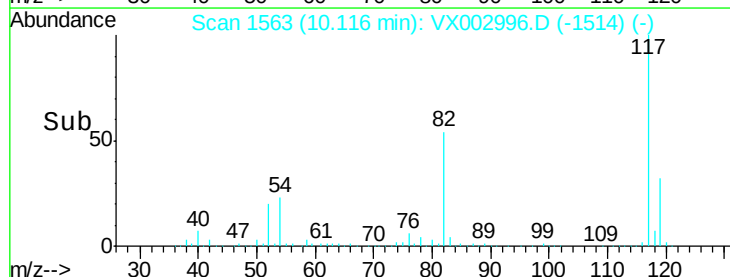


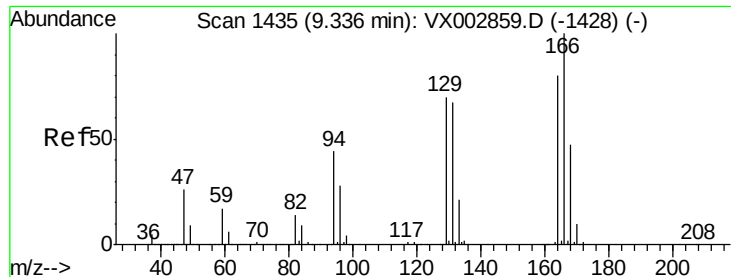
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time--> 10.00 10.10 10.20

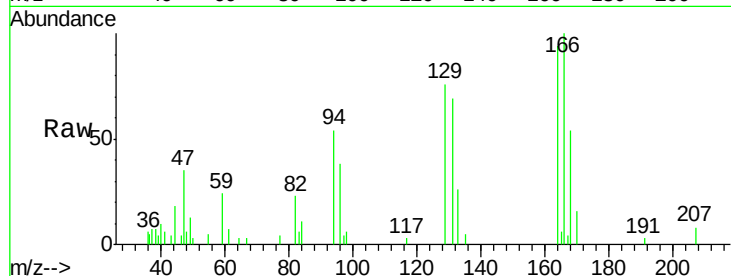




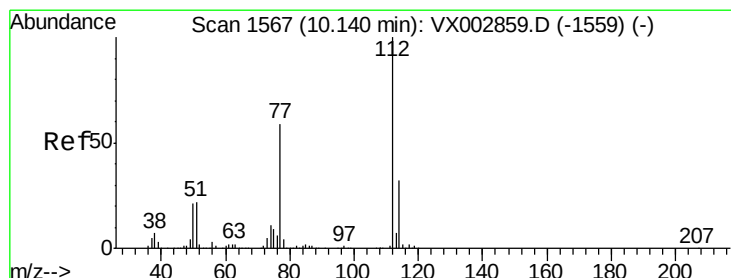
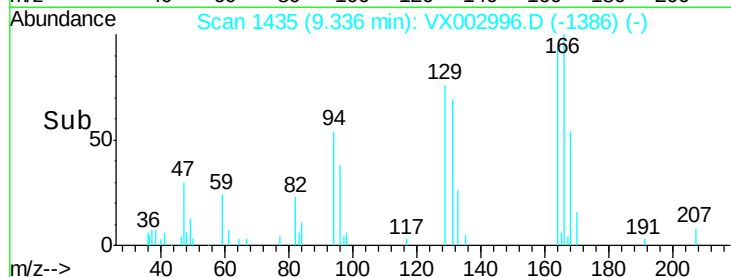
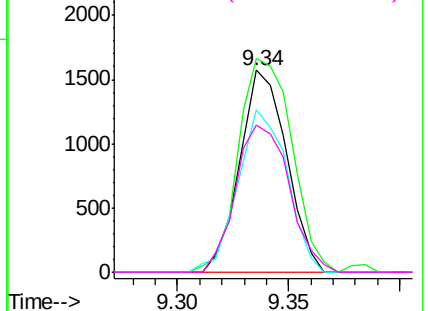
#64
Tetrachloroethene
Concen: 0.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002996.D
Acq: 28 Jun 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
WP021RW244-180620

Tot Ion:164 Resp: 2313
Ion Ratio Lower Upper
164 100
166 105.9 102.9 154.3
129 80.4 68.6 102.8
131 73.1 66.8 100.2

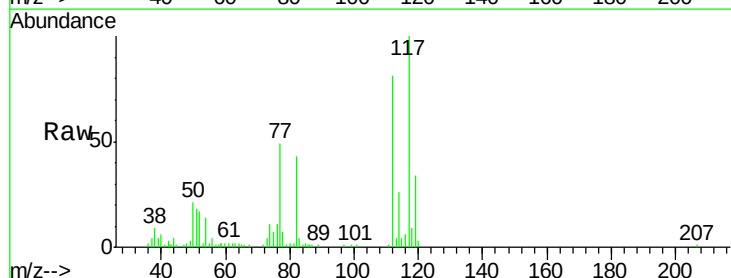


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

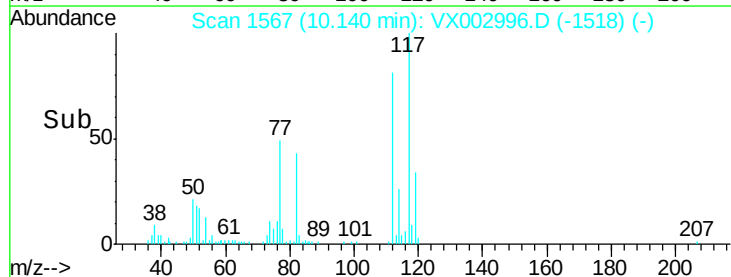
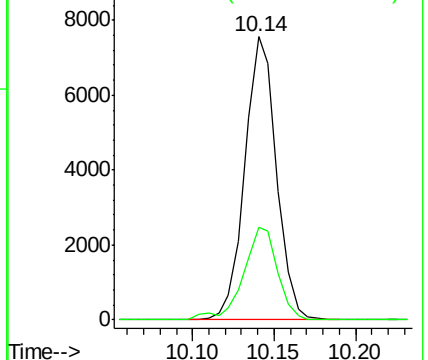


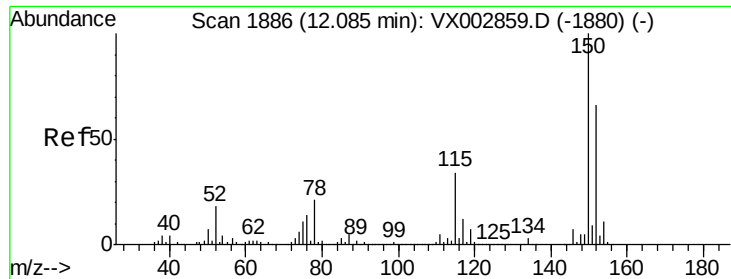
#65
Chlorobenzene
Concen: 1.11 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002996.D
Acq: 28 Jun 2018 20:06

Tgt Ion:112 Resp: 10228
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX002996.D

Acq: 28 Jun 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

WP021RW244-180620

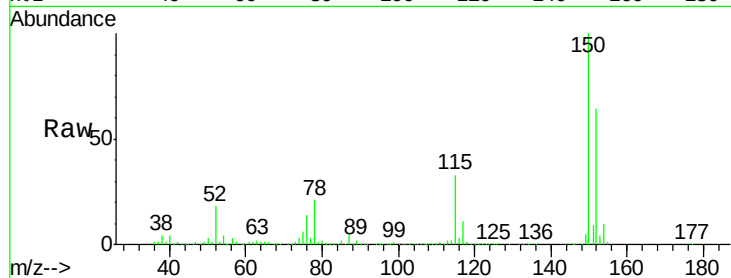
Tot Ion:152 Resp: 212235

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

150 157.5 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

