

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006648.D
 Acq On : 19 Dec 2018 20:18
 Operator : JC/MD
 Sample : J6479-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Dec 20 10:15:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

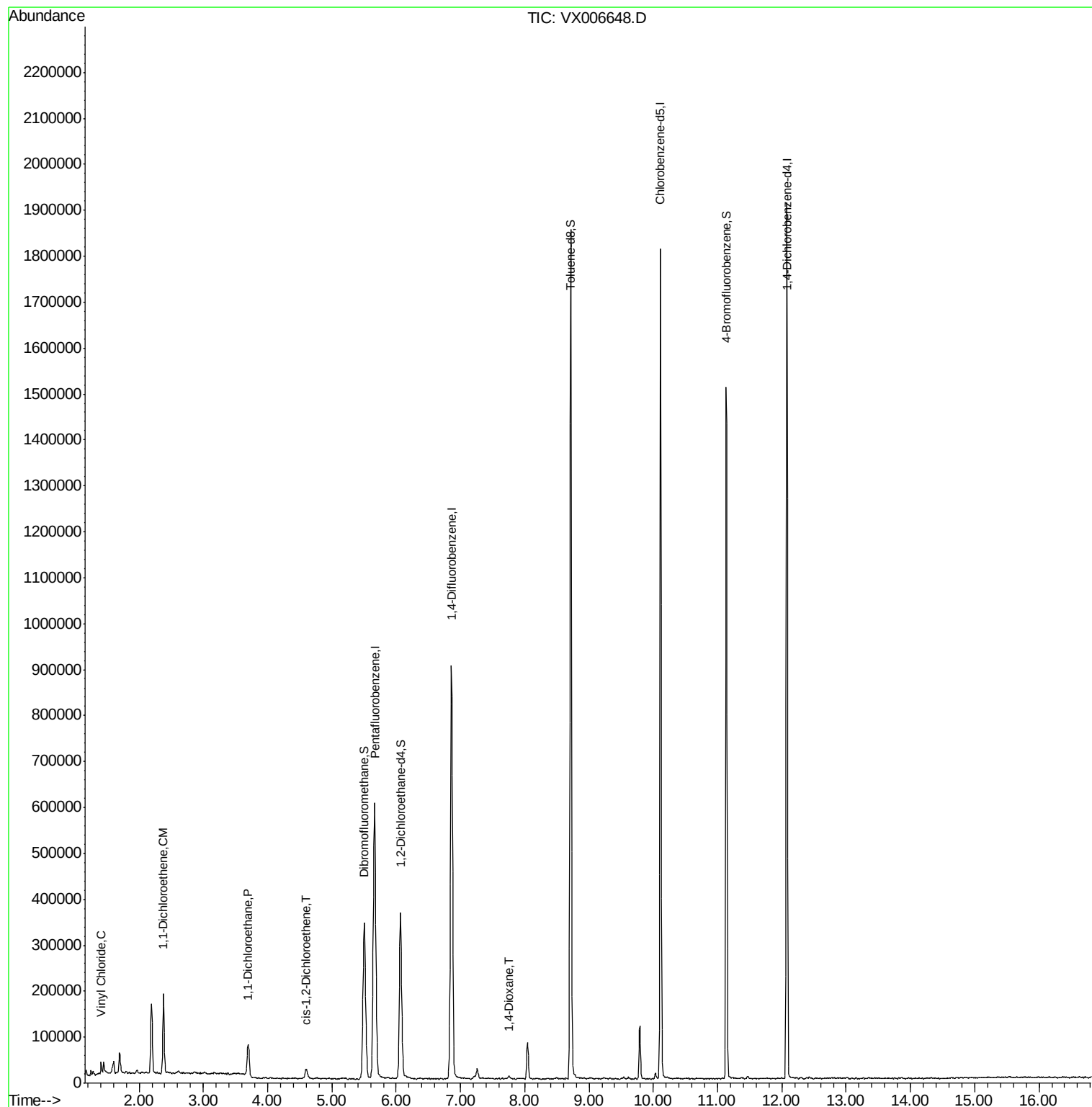
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	600009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	958952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	884555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	339832	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
35) Dibromofluoromethane	5.50	113	290538	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	8.71	98	1145321	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	411295	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	16046	2.598	ug/l	95
12) 1,1-Dichloroethene	2.38	96	60331	11.254	ug/l	93
24) 1,1-Dichloroethane	3.70	63	76582	7.771	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	13665	2.085	ug/l	92
49) 1,4-Dioxane	7.76	88	4734	8.579	ug/l #	88

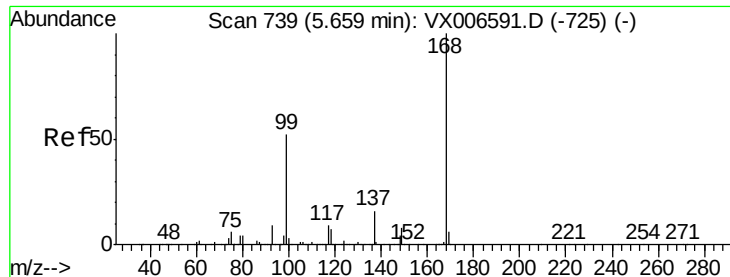
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006648.D

Acq: 19 Dec 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

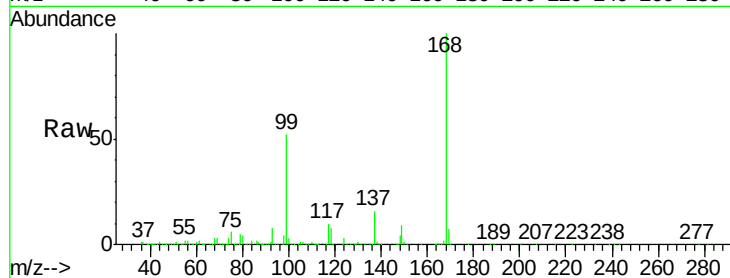
MW-3

Tot Ion:168 Resp: 600009

Ion Ratio Lower Upper

168 100

99 52.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

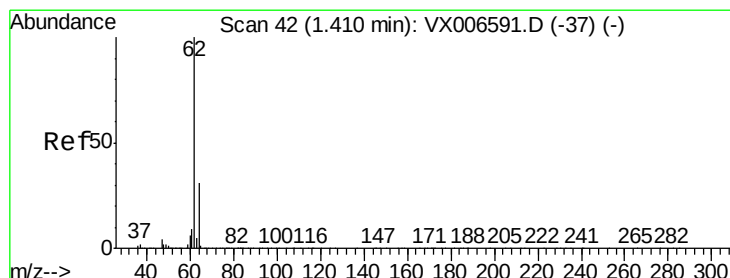
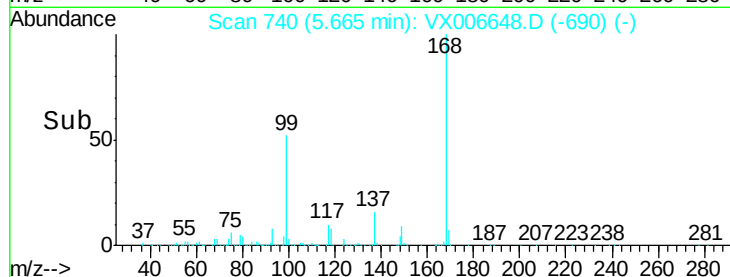
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.598 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006648.D

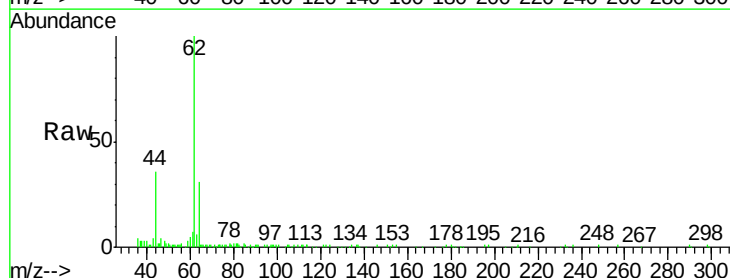
Acq: 19 Dec 2018 20:18

Tgt Ion: 62 Resp: 16046

Ion Ratio Lower Upper

62 100

64 28.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

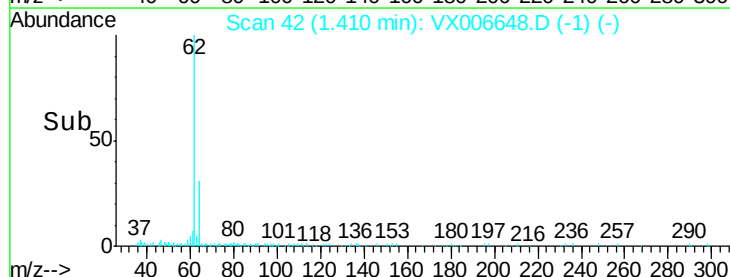
15000

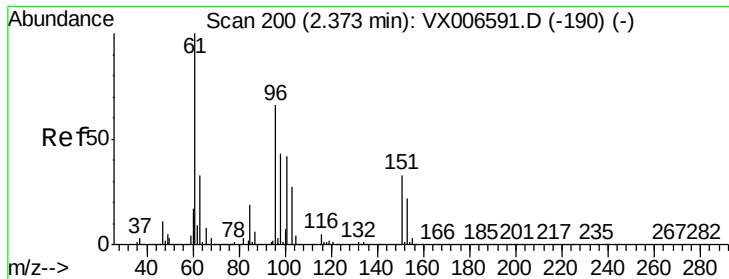
10000

5000

0

Time--> 1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 11.254 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX006648.D

Acq: 19 Dec 2018 20:18

Instrument :

MSVOA_X

ClientSampled :

MW-3

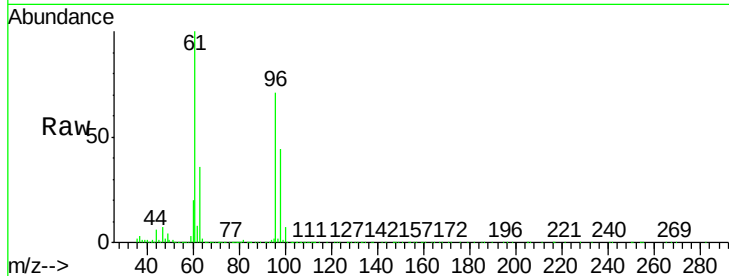
Tot Ion: 96 Resp: 60331

Ion Ratio Lower Upper

96 100

61 141.0 121.4 182.2

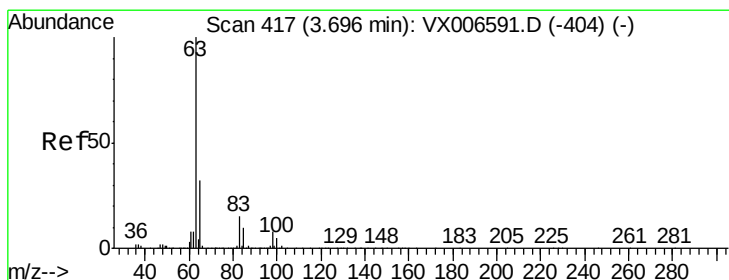
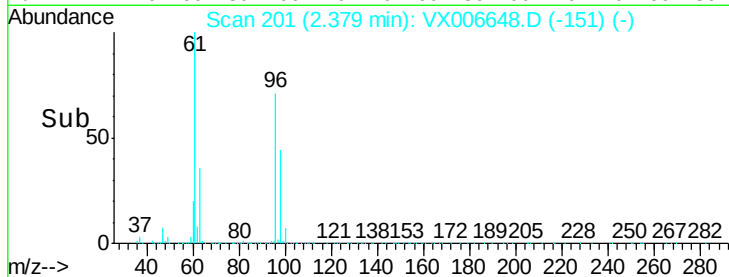
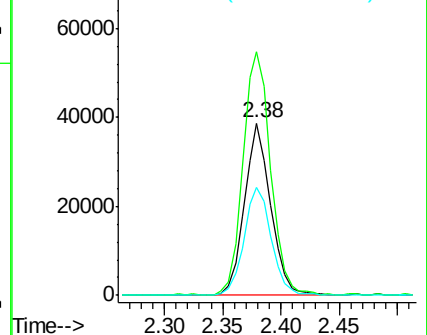
98 62.3 51.9 77.9



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



#24

1,1-Dichloroethane

Concen: 7.771 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006648.D

Acq: 19 Dec 2018 20:18

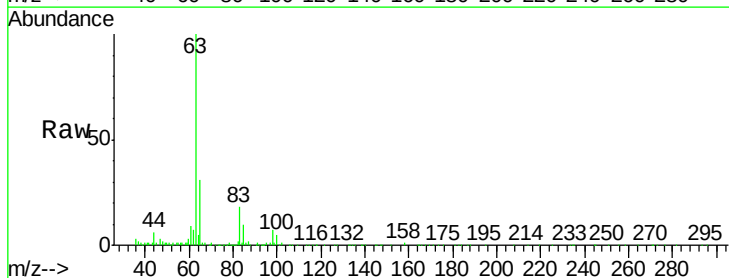
Tgt Ion: 63 Resp: 76582

Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.5

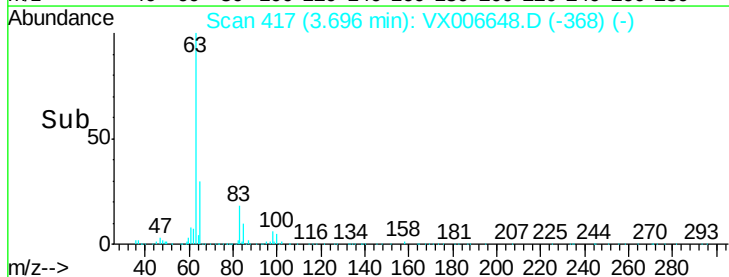
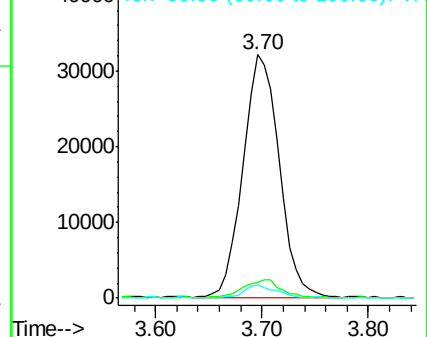
100 5.3 2.4 7.2

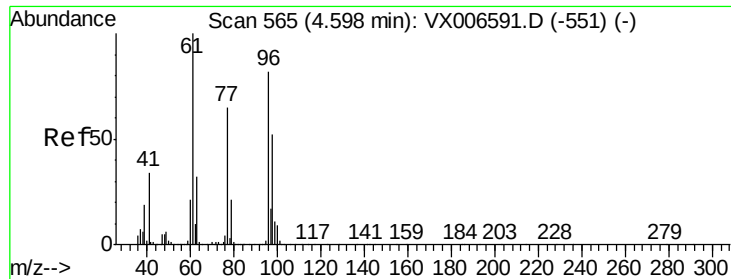


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



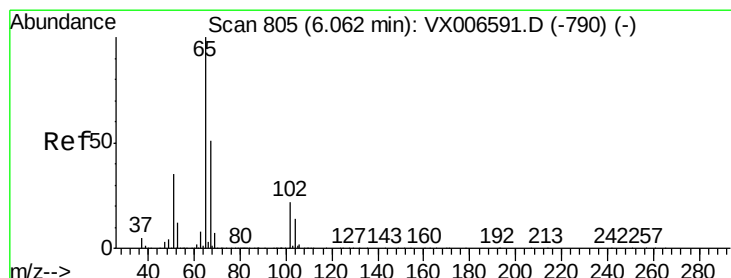
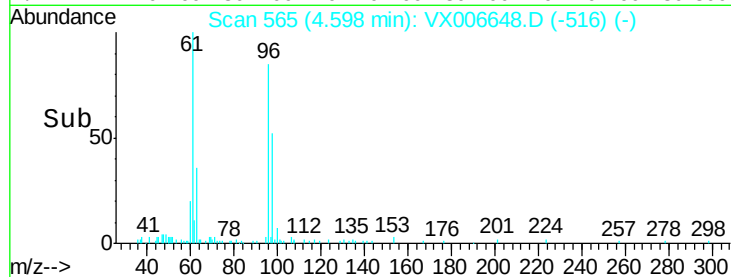
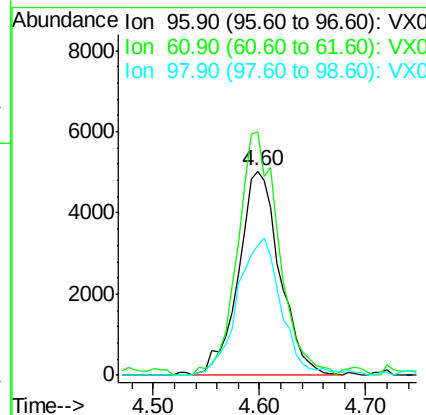
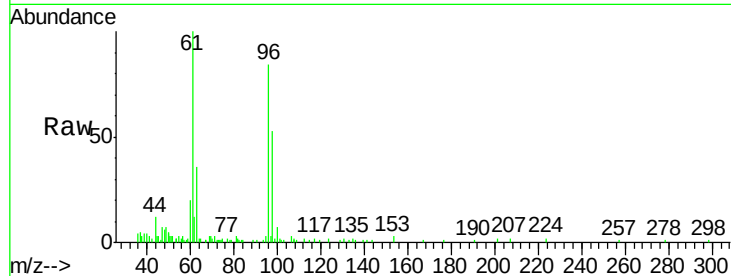


#27

cis-1,2-Dichloroethene
 Concen: 2.085 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006648.D
 Acq: 19 Dec 2018 20:18

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

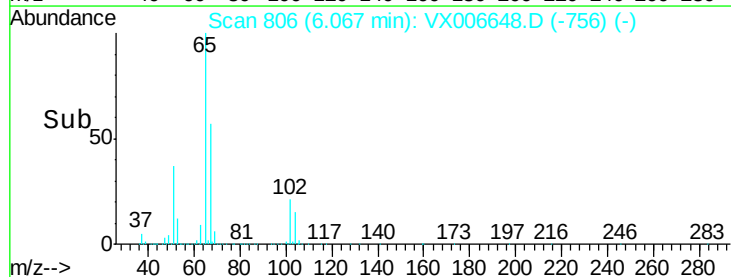
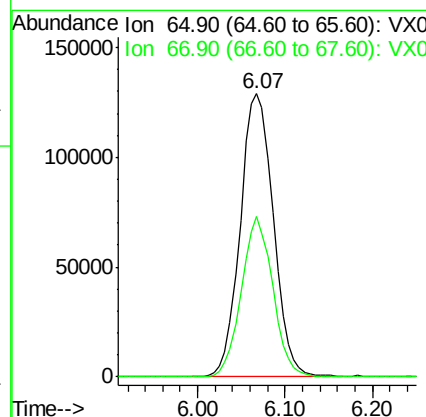
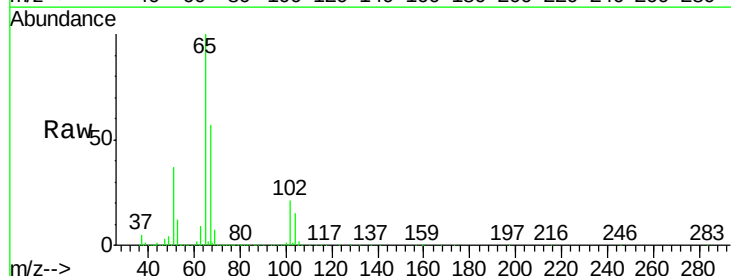
Tot Ion	Ratio	Lower	Upper
96	100		
61	118.9	0.0	258.6
98	70.9	0.0	132.0

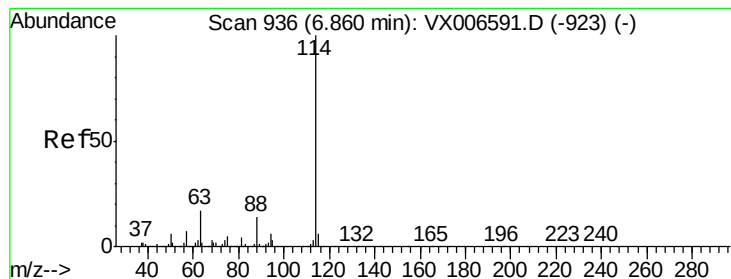


#33

1,2-Dichloroethane-d4
 Concen: 52.552 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006648.D
 Acq: 19 Dec 2018 20:18

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006648.D

Acq: 19 Dec 2018 20:18

Instrument :

MSVOA_X

ClientSampled :

MW-3

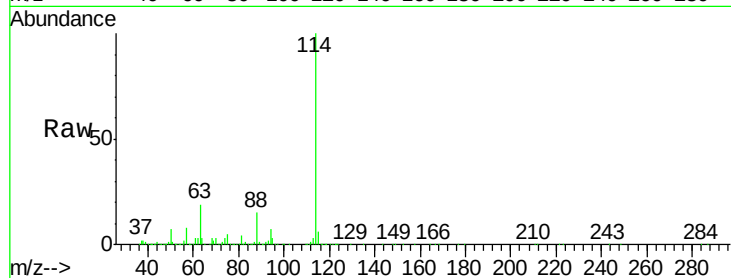
Tot Ion:114 Resp: 958952

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

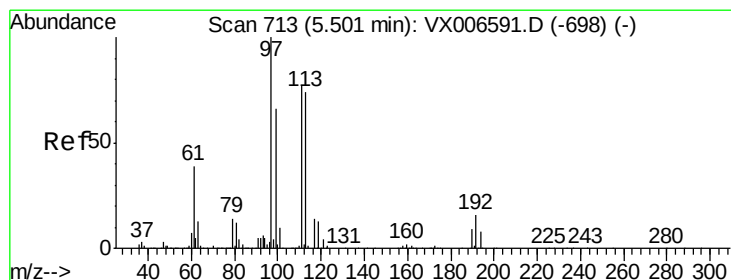
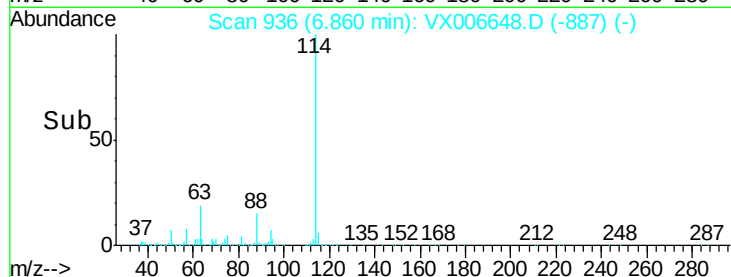
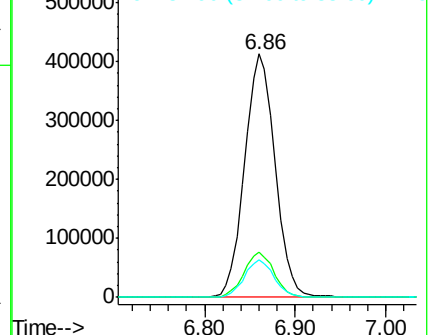
88 15.4 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.910 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006648.D

Acq: 19 Dec 2018 20:18

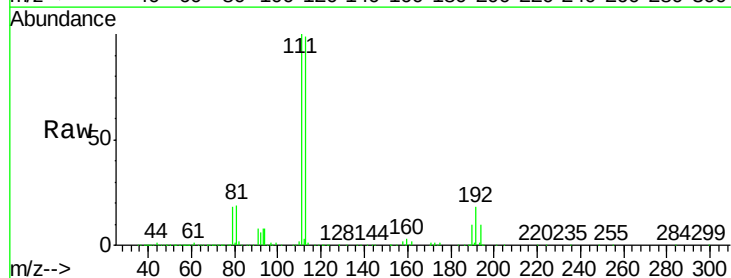
Tgt Ion:113 Resp: 290538

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

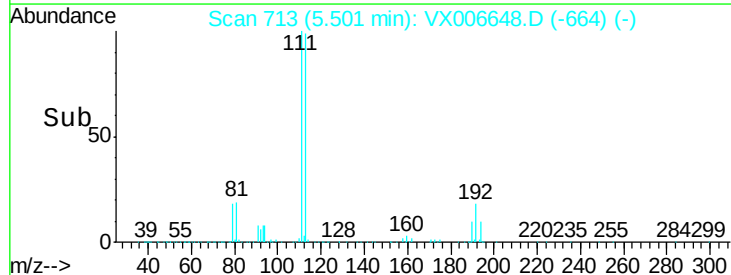
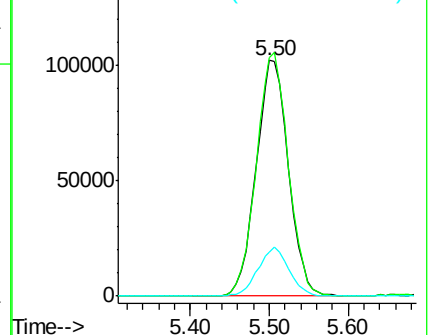
192 19.9 16.7 25.1

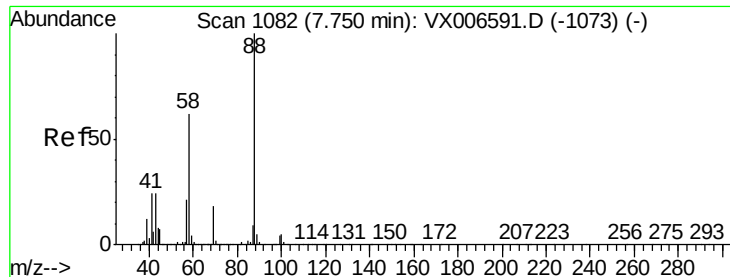


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#49

1,4-Dioxane

Concen: 8.579 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006648.D

Acq: 19 Dec 2018 20:18

Instrument :

MSVOA_X

ClientSampled :

MW-3

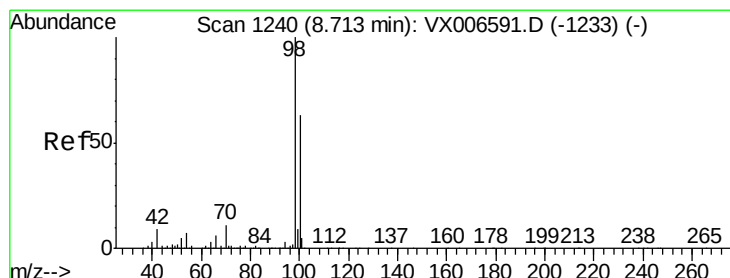
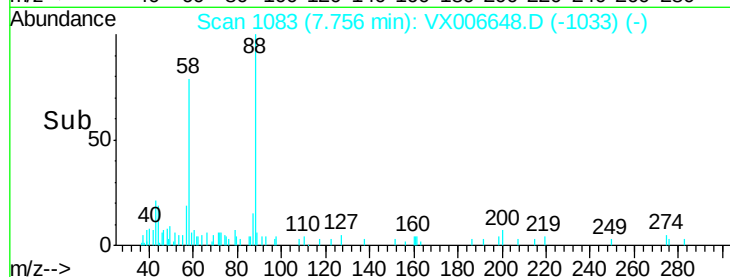
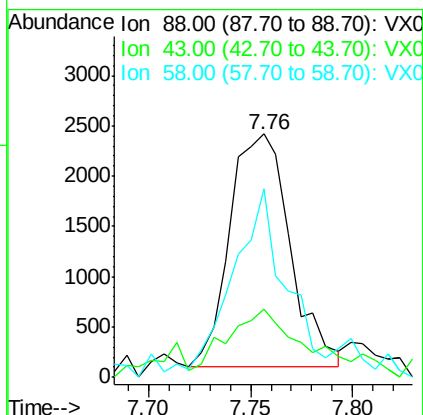
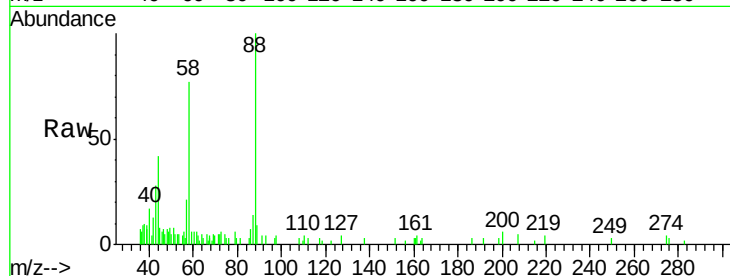
Tot Ion: 88 Resp: 4734

Ion Ratio Lower Upper

88 100

43 41.1 22.2 33.4#

58 68.1 51.0 76.4



#50

Toluene-d8

Concen: 50.096 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006648.D

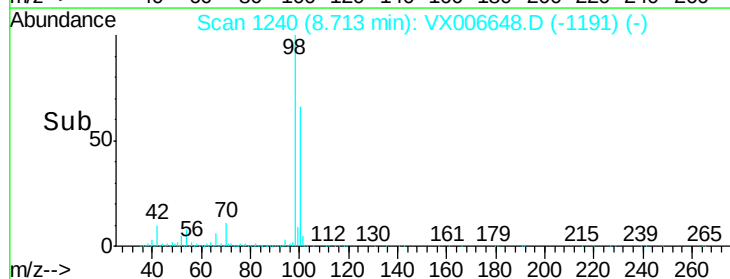
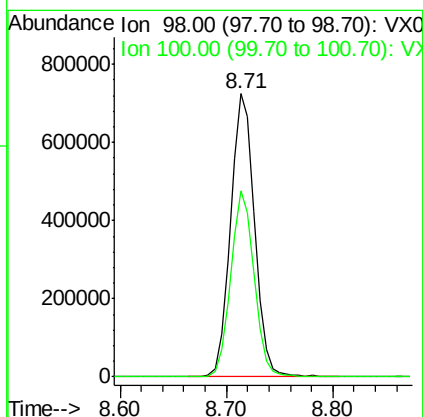
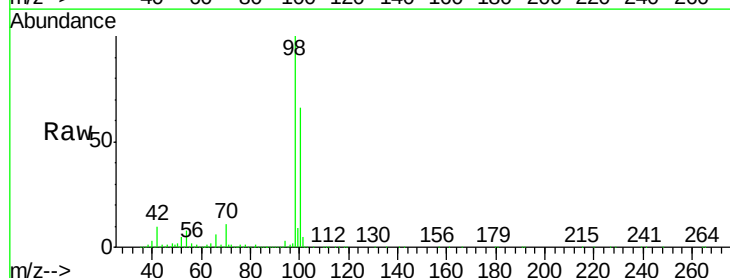
Acq: 19 Dec 2018 20:18

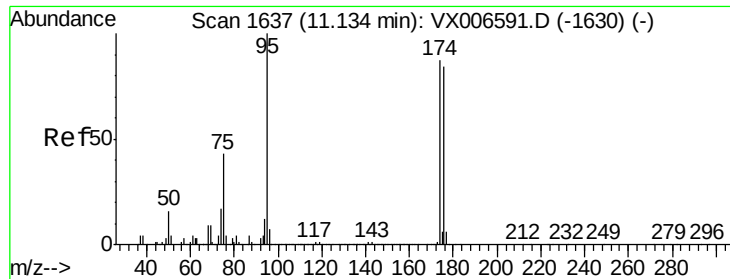
Tgt Ion: 98 Resp: 1145321

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

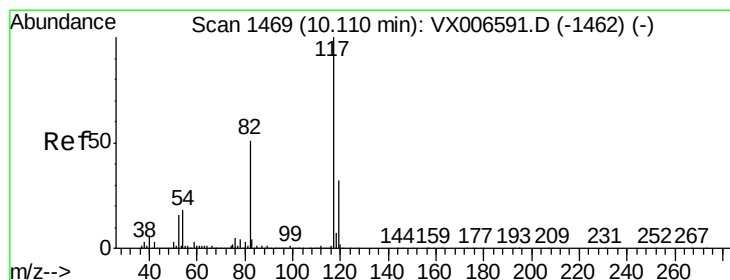
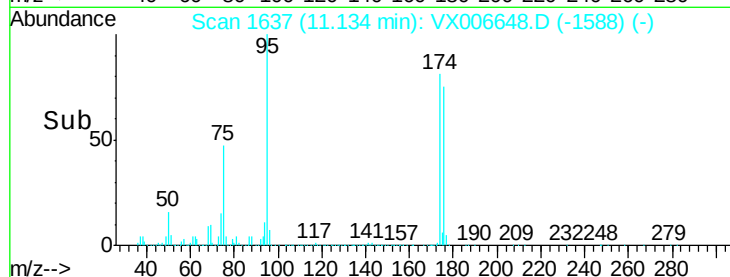
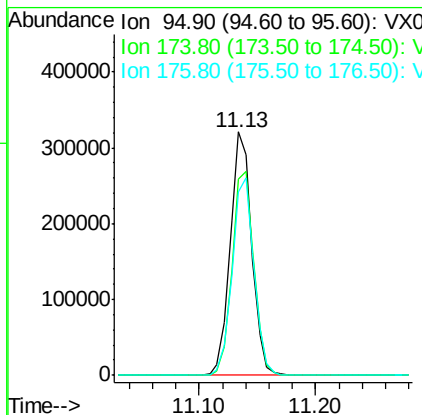
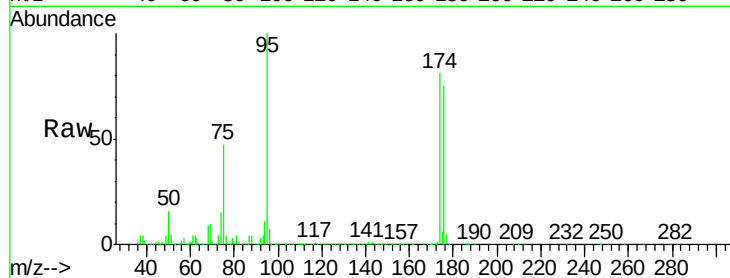




#62
4-Bromofluorobenzene
Concen: 49.121 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006648.D
Acq: 19 Dec 2018 20:18

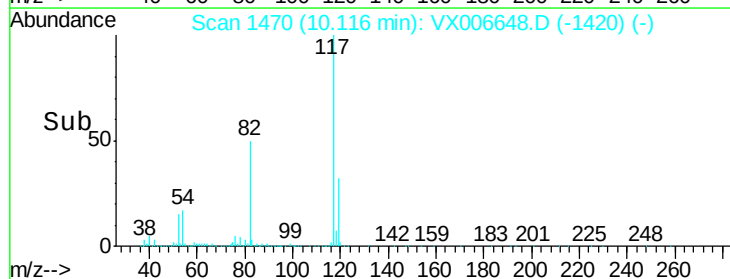
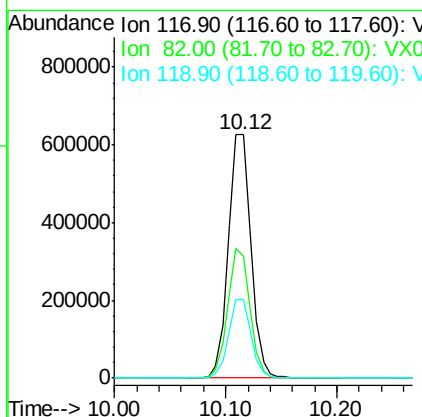
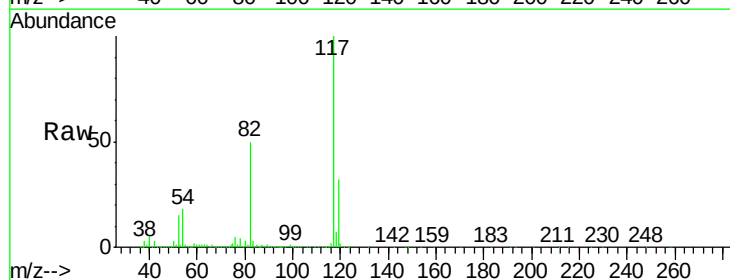
Instrument :
MSVOA_X
ClientSampleId :
MW-3

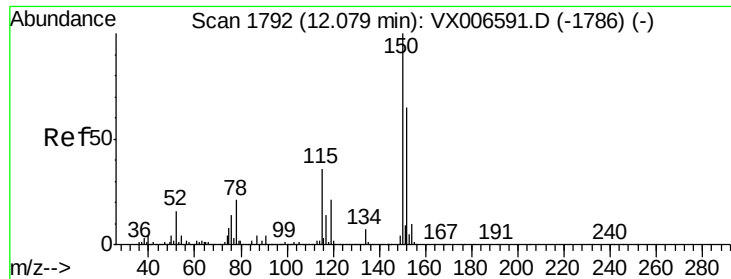
Tot Ion: 95 Resp: 411295
Ion Ratio Lower Upper
95 100
174 85.3 0.0 182.2
176 82.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006648.D
Acq: 19 Dec 2018 20:18

Tgt Ion: 117 Resp: 884555
Ion Ratio Lower Upper
117 100
82 50.3 41.0 61.6
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006648.D

Acq: 19 Dec 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

MW-3

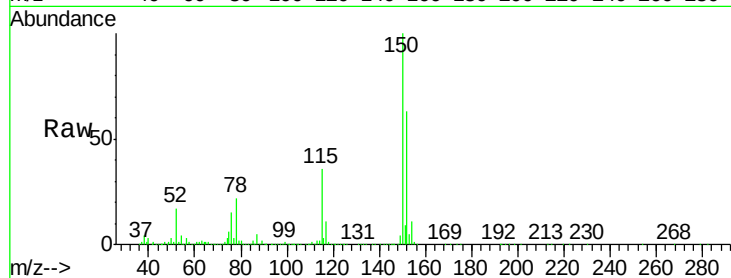
Tot Ion:152 Resp: 412545

Ion Ratio Lower Upper

152 100

115 57.1 39.1 117.2

150 157.1 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

