

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002665.D
 Acq On : 16 Jun 2018 23:24
 Operator : JC/MD
 Sample : J3485-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-11-8.0-061318

Quant Time: Jun 18 03:55:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

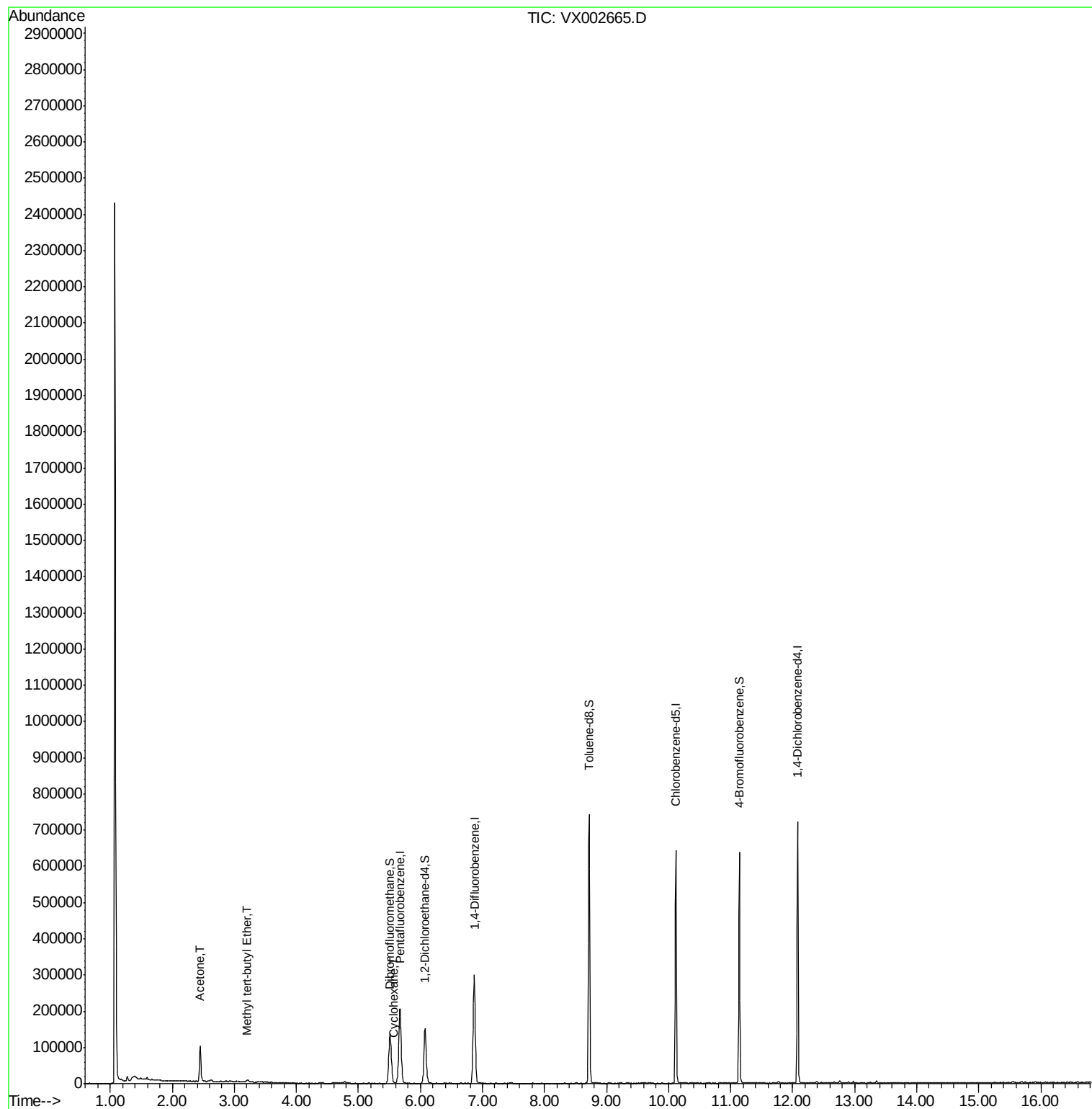
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	149390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143659	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
35) Dibromofluoromethane	5.51	113	111279	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	8.72	98	424127	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.14	95	143789	42.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.60%	
Target Compounds						
16) Acetone	2.45	43	110425	80.541	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	6273	0.732	ug/l	95
31) Cyclohexane	5.57	56	1004	0.274	ug/l	91

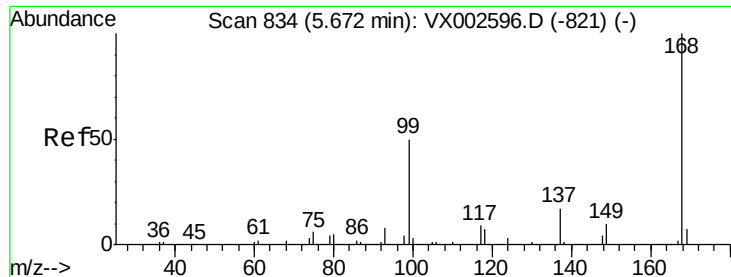
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

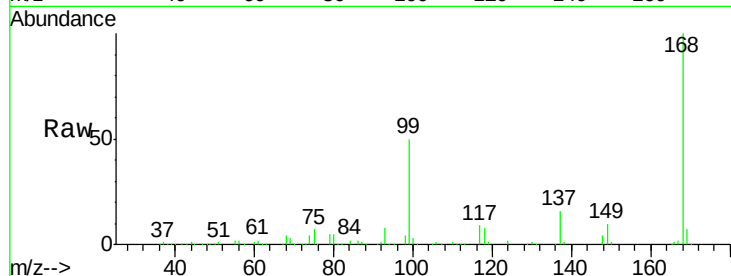
T11-MW-11-8.0-061318

Tot Ion:168 Resp: 204498

Ion Ratio Lower Upper

168 100

99 49.7 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

80000

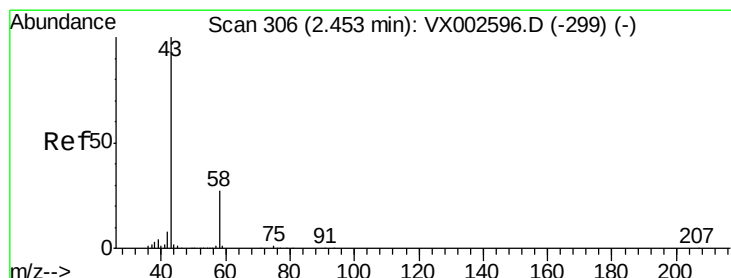
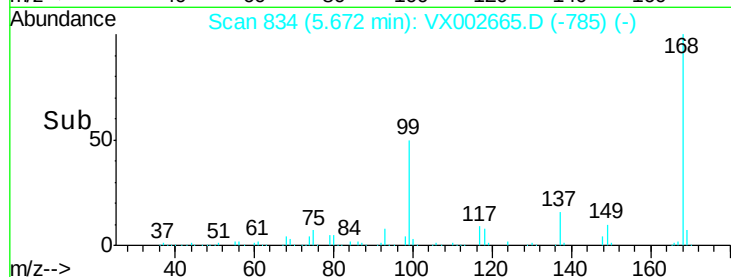
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 80.541 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002665.D

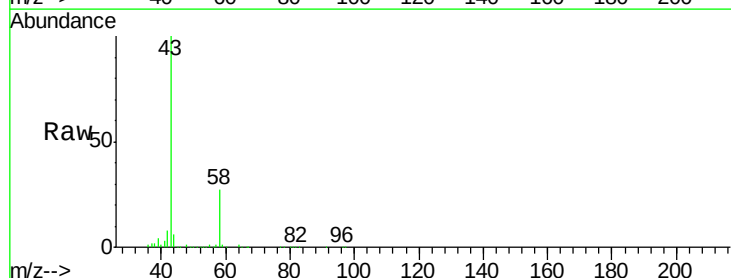
Acq: 16 Jun 2018 23:24

Tgt Ion: 43 Resp: 110425

Ion Ratio Lower Upper

43 100

58 26.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

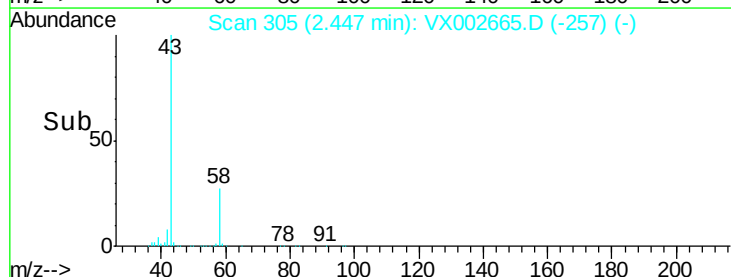
60000

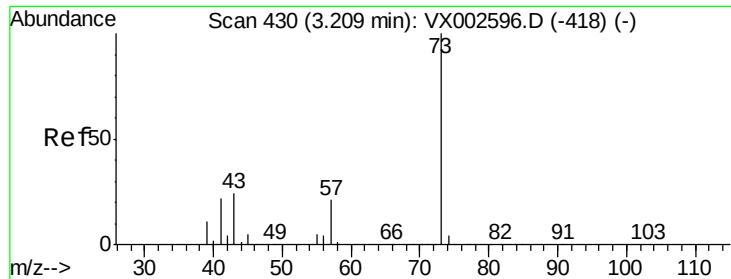
40000

20000

0

Time--> 2.40 2.50 2.60

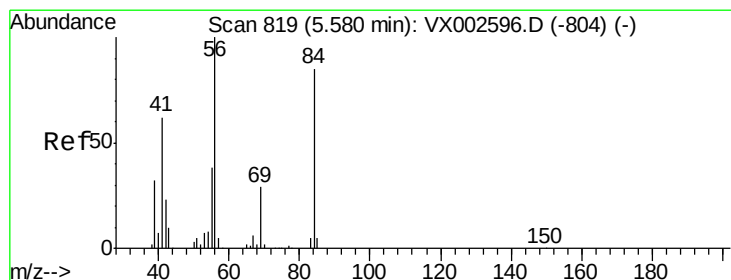
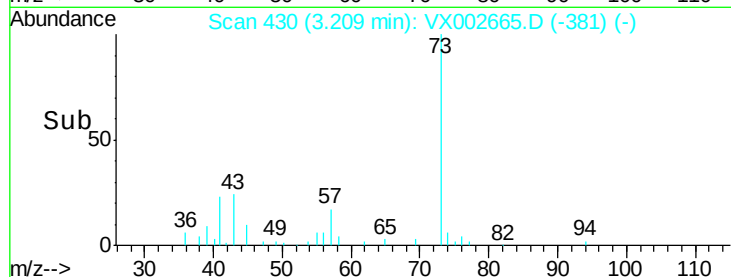
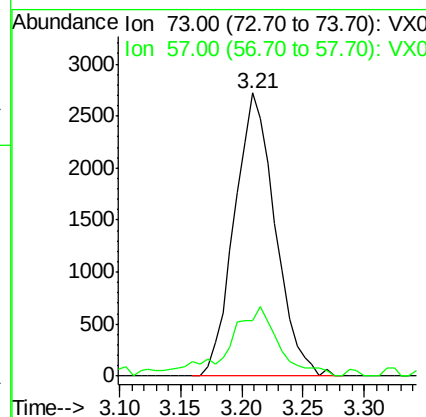
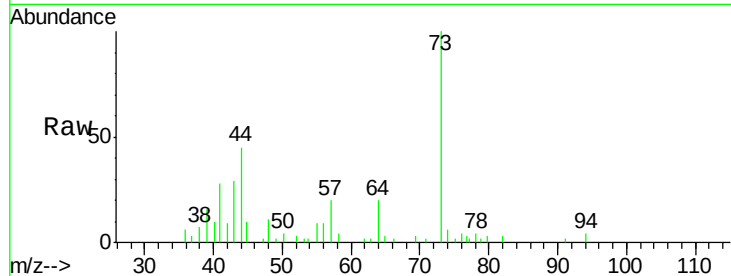




#19
Methvl tert-butyl Ether
Concen: 0.732 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

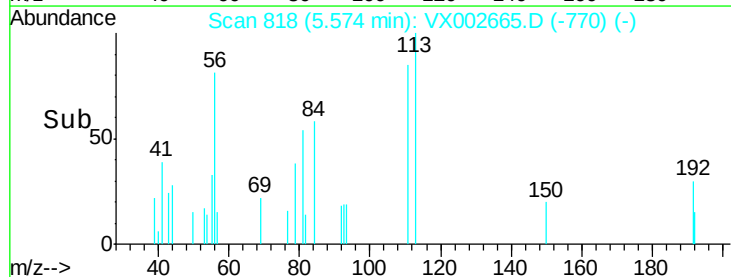
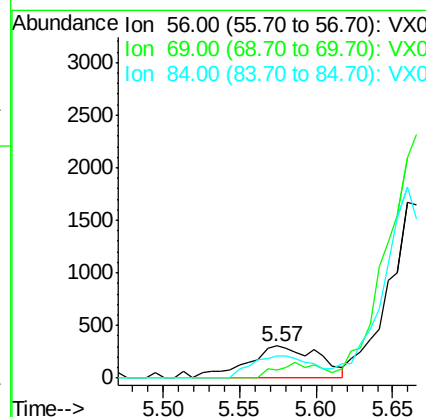
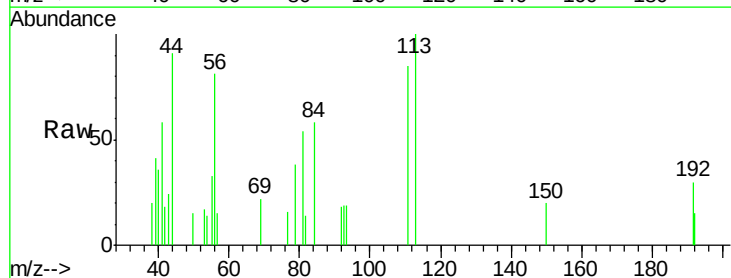
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-11-8.0-061318

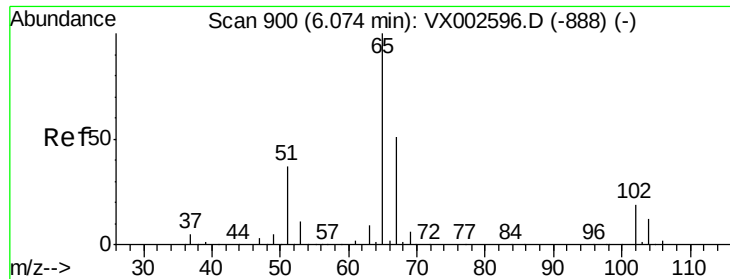
Tot Ion: 73 Resp: 6273
Ion Ratio Lower Upper
73 100
57 19.8 17.7 26.5



#31
Cyclohexane
Concen: 0.274 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

Tgt Ion: 56 Resp: 1004
Ion Ratio Lower Upper
56 100
69 27.3 23.7 35.5
84 71.1 64.1 96.1

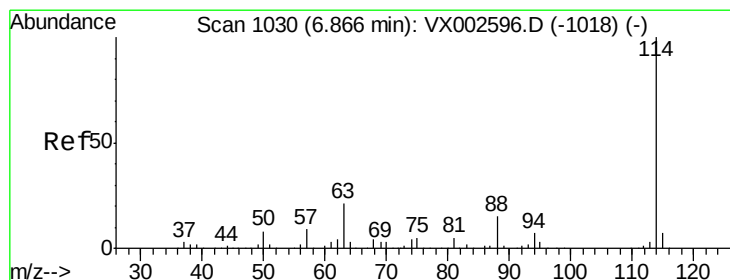
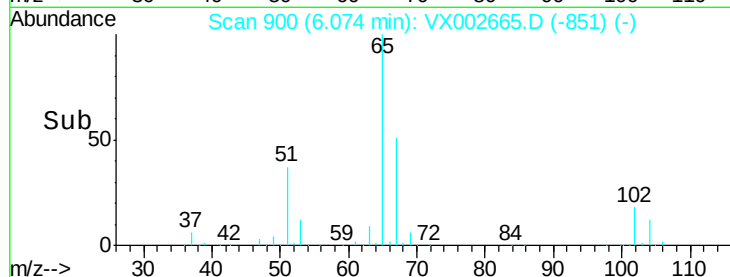
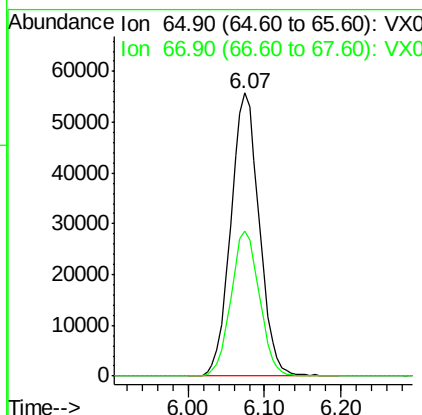
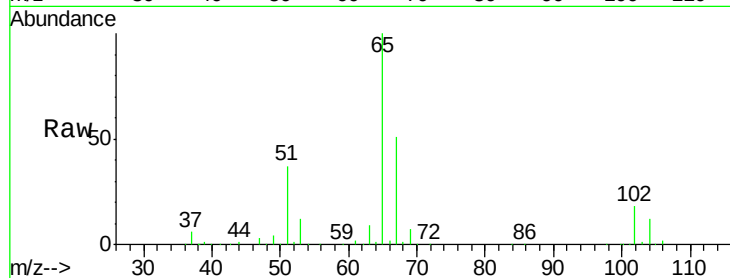




#33
 1,2-Dichloroethane-d4
 Concen: 46.228 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002665.D
 Acq: 16 Jun 2018 23:24

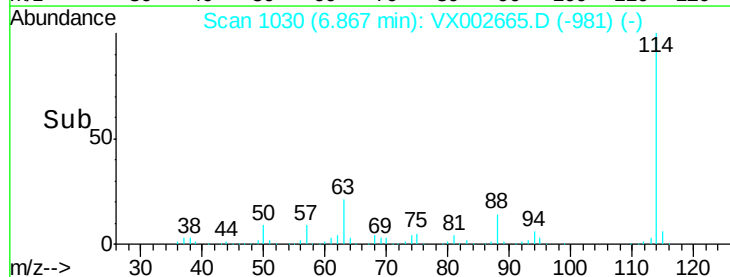
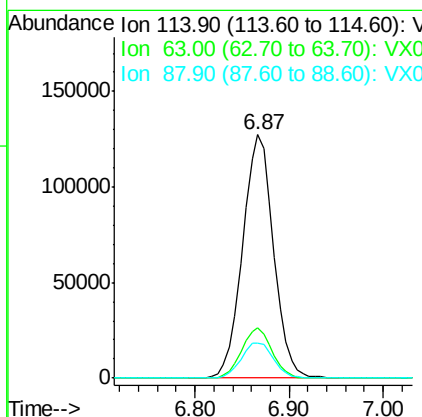
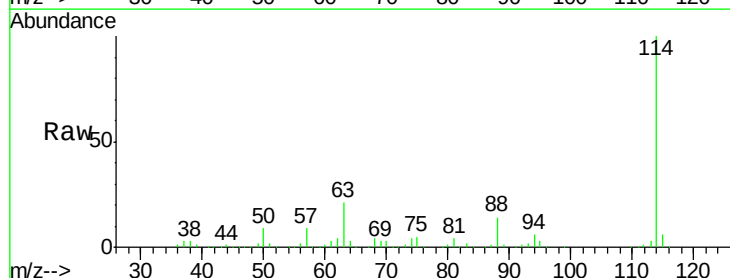
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-11-8.0-061318

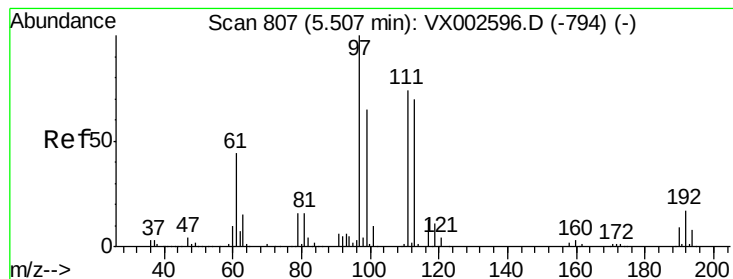
Tot Ion: 65 Resp: 143659
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002665.D
 Acq: 16 Jun 2018 23:24

Tgt Ion: 114 Resp: 292557
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 14.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.659 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-11-8.0-061318

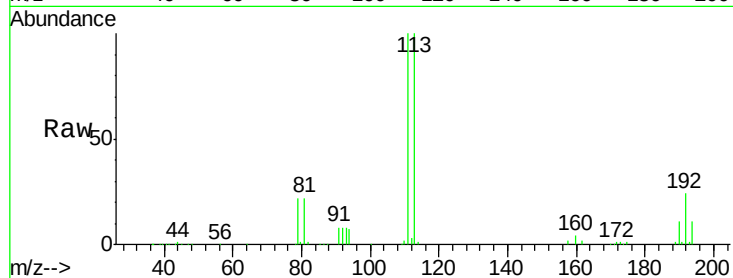
Tot Ion:113 Resp: 111279

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

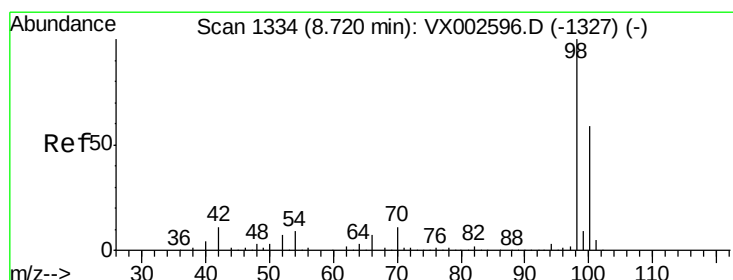
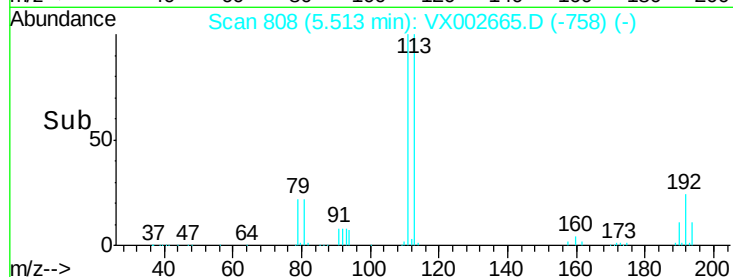
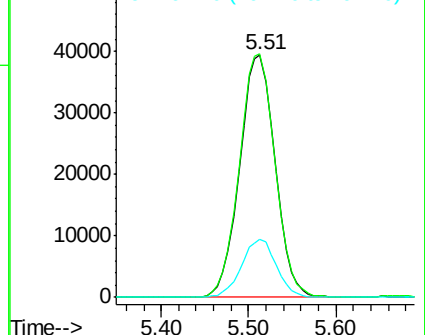
192 23.6 19.1 28.7



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



#50

Toluene-d8

Concen: 47.840 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002665.D

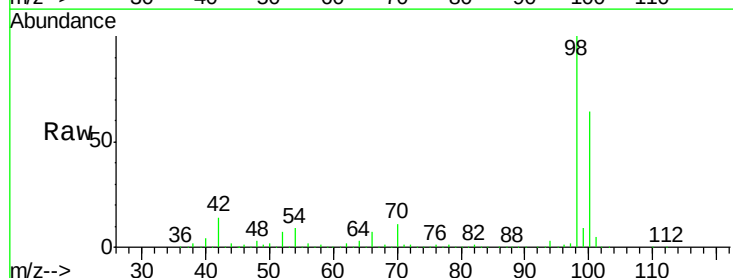
Acq: 16 Jun 2018 23:24

Tgt Ion: 98 Resp: 424127

Ion Ratio Lower Upper

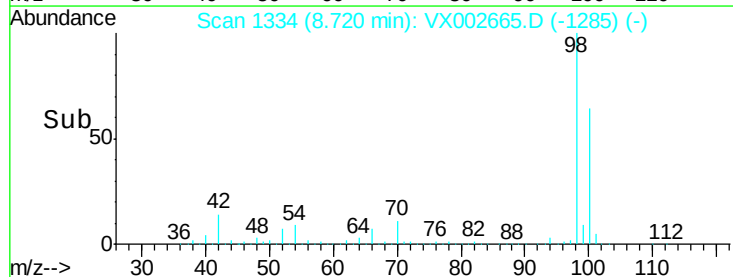
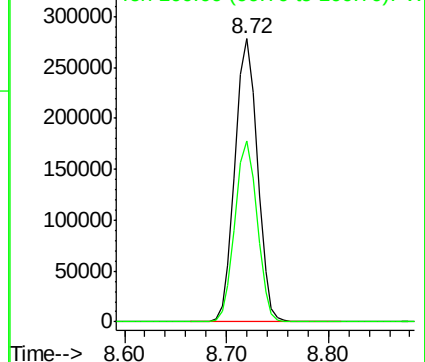
98 100

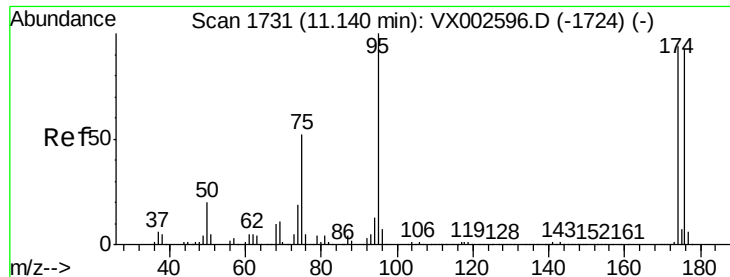
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 42.802 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-11-8.0-061318

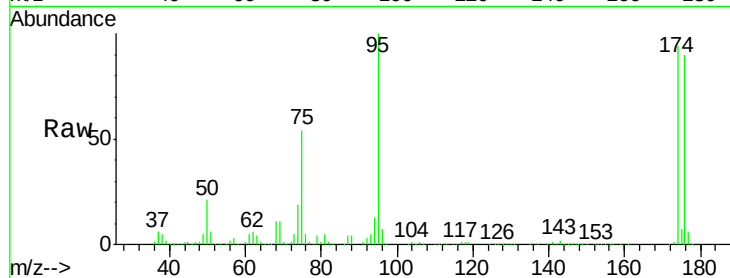
Tot Ion: 95 Resp: 143789

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

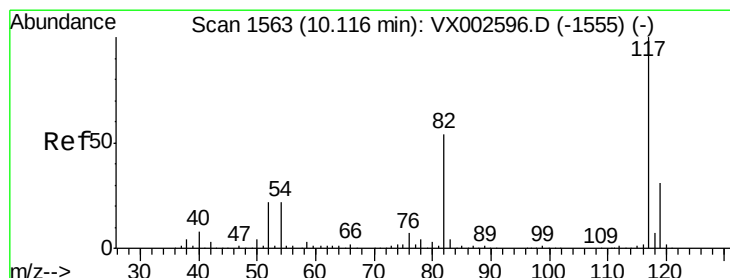
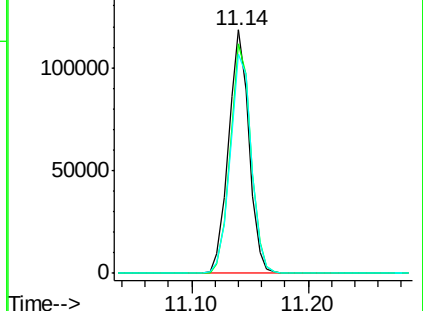
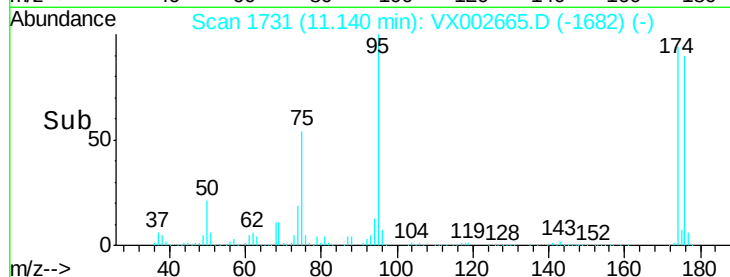
176 93.6 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002665.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002665.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002665.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

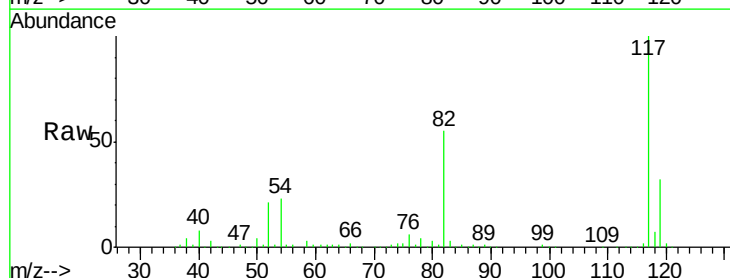
Tgt Ion: 117 Resp: 272106

Ion Ratio Lower Upper

117 100

82 55.0 45.0 67.4

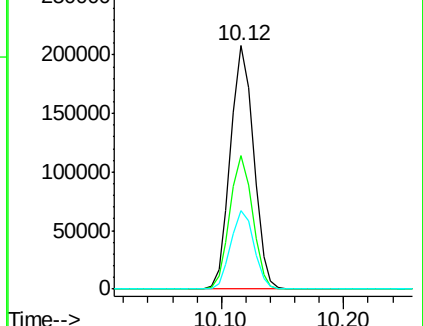
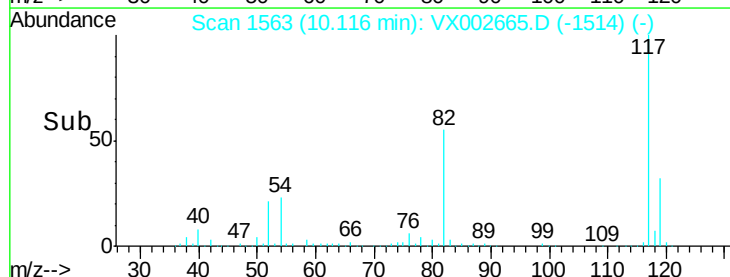
119 32.5 25.8 38.6

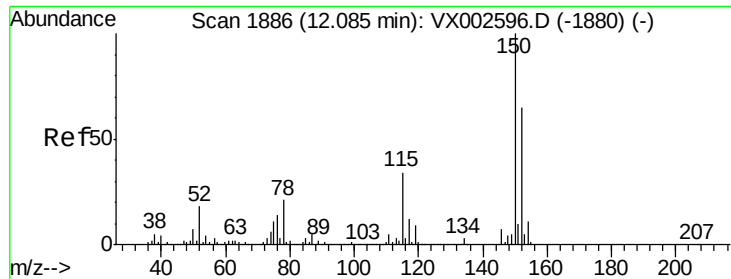


Abundance Ion 116.90 (116.60 to 117.60): VX002665.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002665.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002665.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002665.D

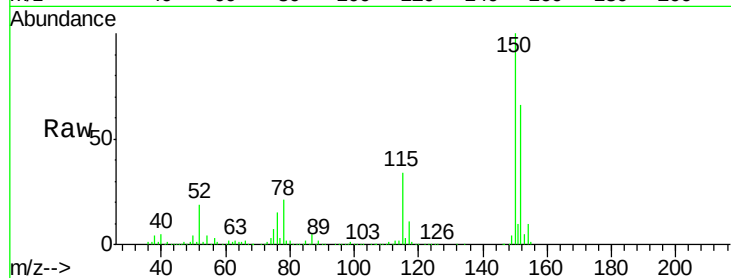
Acq: 16 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-11-8.0-061318



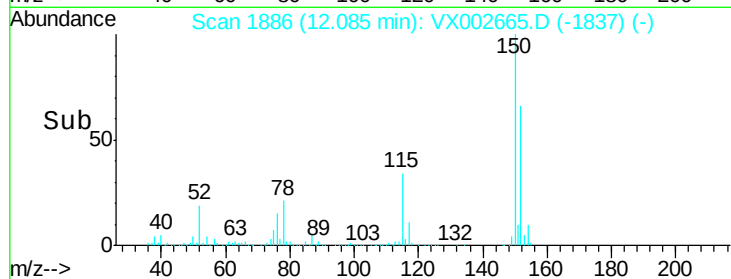
Tot Ion:152 Resp: 149390

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

150 155.5 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

