

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007721.D
 Acq On : 26 Feb 2019 18:39
 Operator : JC/SP
 Sample : K1628-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C6-3-AQ

Quant Time: Feb 27 00:42:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

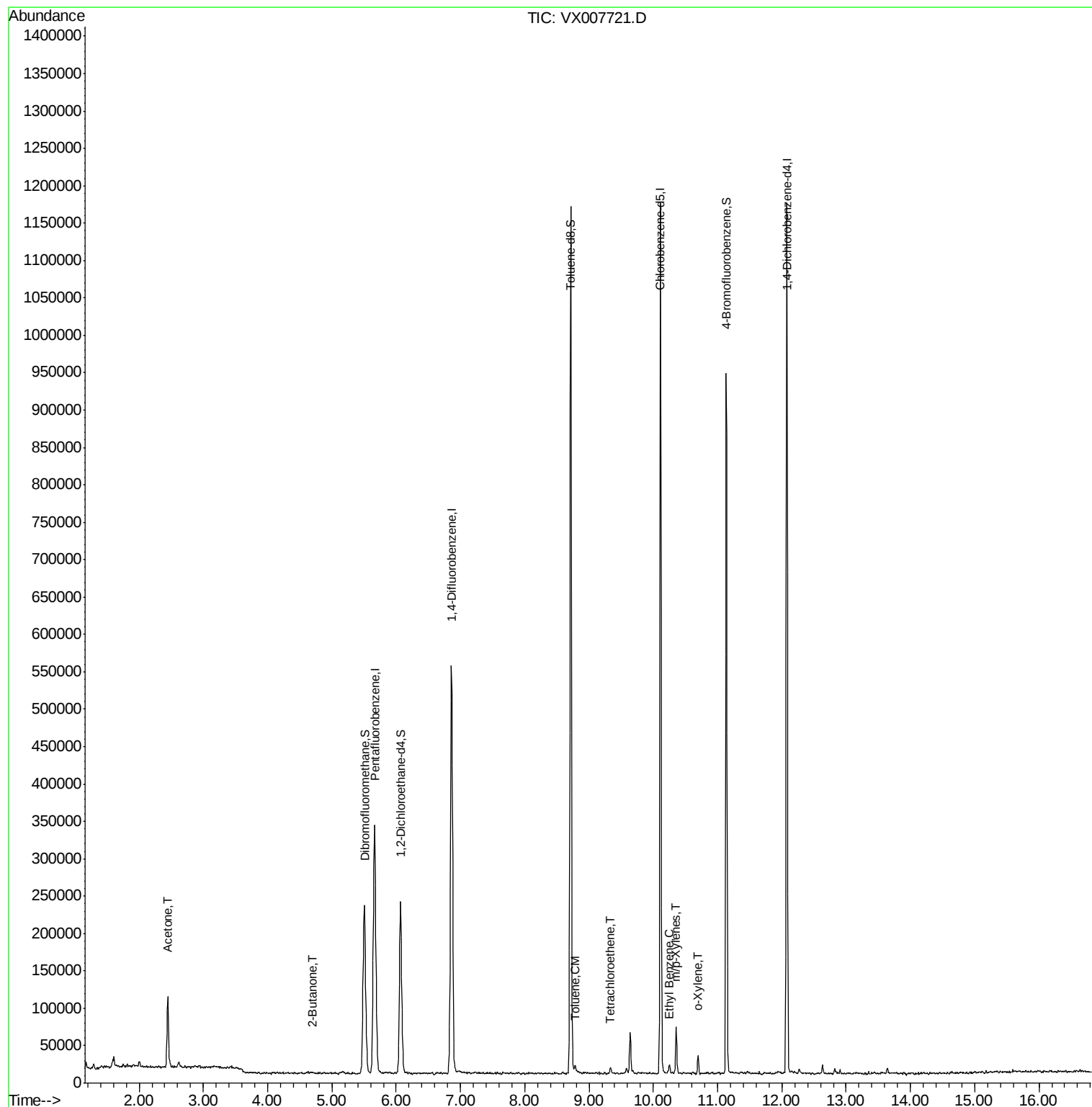
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	565946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	538533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207485	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	5.51	113	191757	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	8.71	98	687115	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	11.13	95	240551	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
16) Acetone	2.45	43	102629	56.982	ug/l	96
25) 2-Butanone	4.70	43	4427	1.614	ug/l #	79
52) Toluene	8.78	92	3148	0.318	ug/l	93
64) Tetrachloroethene	9.34	164	1617	0.370	ug/l	92
67) Ethyl Benzene	10.25	91	6139	0.318	ug/l #	79
68) m/p-Xylenes	10.35	106	15445	2.058	ug/l	98
69) o-Xylene	10.70	106	6138	0.850	ug/l	94

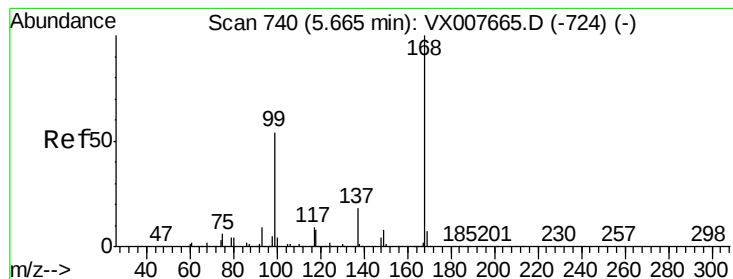
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 740

Delta R.T. -0.00 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

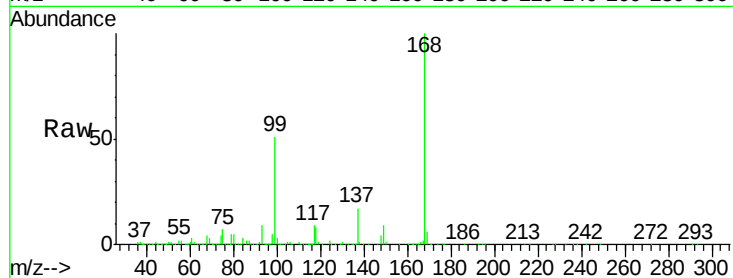
A0C6-3-AQ

Tot Ion:168 Resp: 326967

Ion Ratio Lower Upper

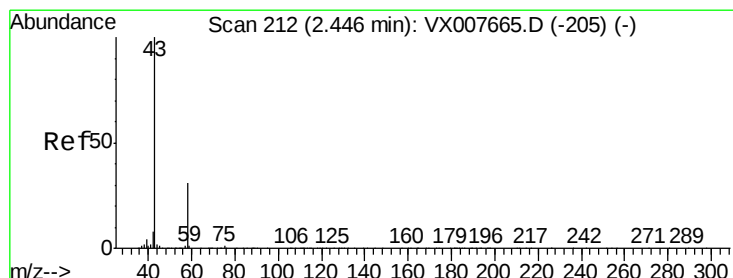
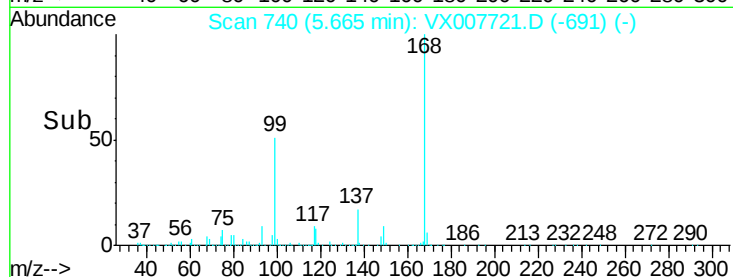
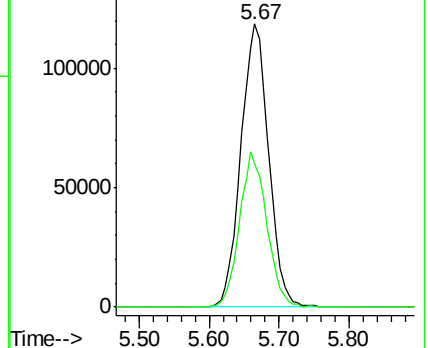
168 100

99 50.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 56.982 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007721.D

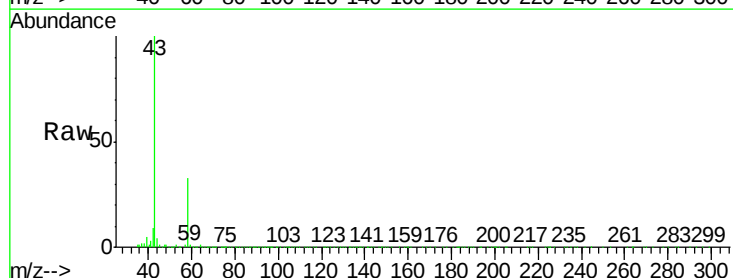
Acq: 26 Feb 2019 18:39

Tgt Ion: 43 Resp: 102629

Ion Ratio Lower Upper

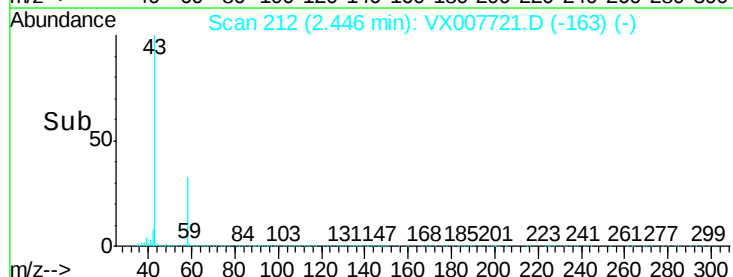
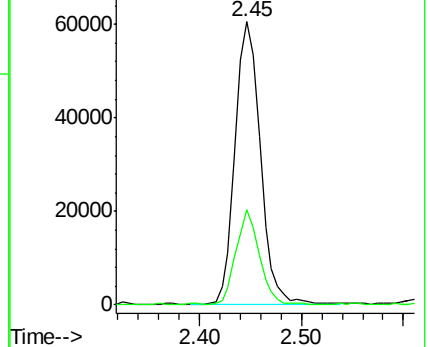
43 100

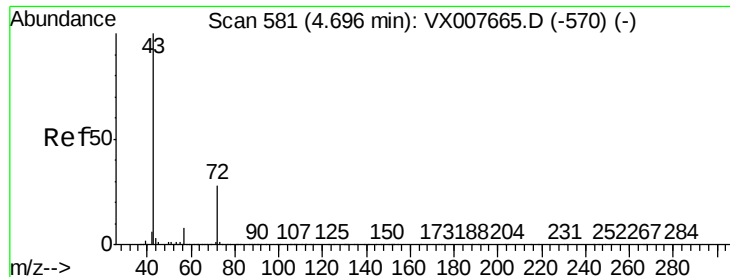
58 33.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 1.614 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

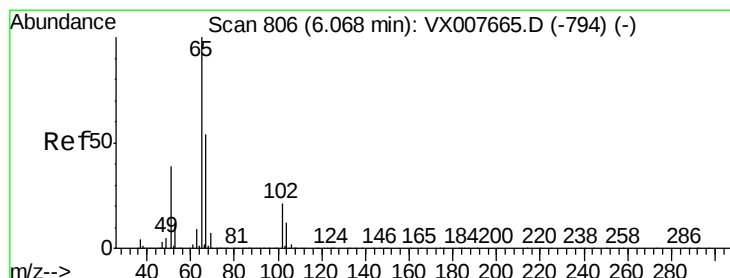
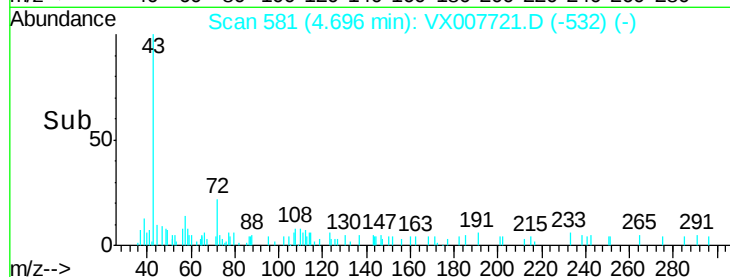
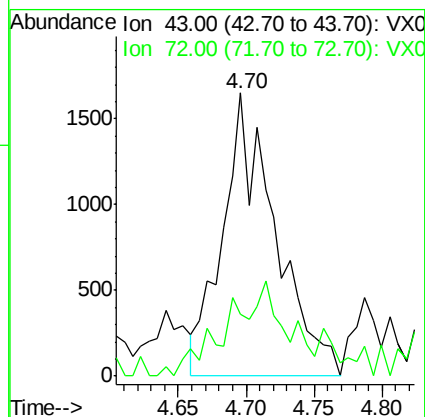
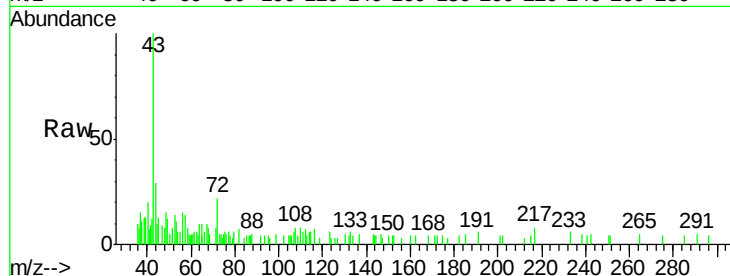
A0C6-3-AQ

Tot Ion: 43 Resp: 4427

Ion Ratio Lower Upper

43 100

72 16.9 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 51.230 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007721.D

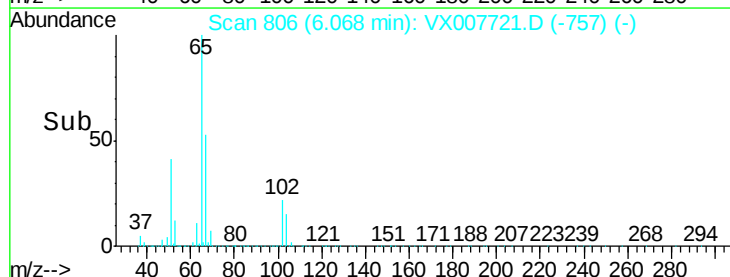
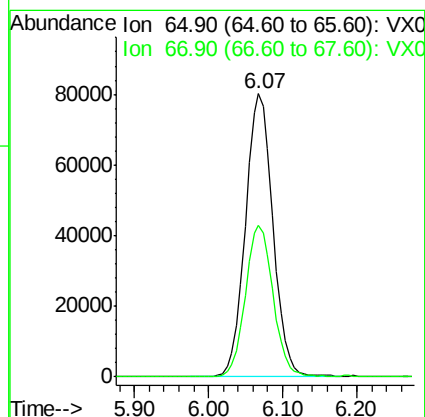
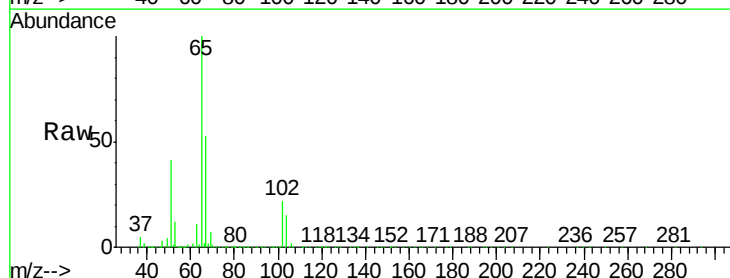
Acq: 26 Feb 2019 18:39

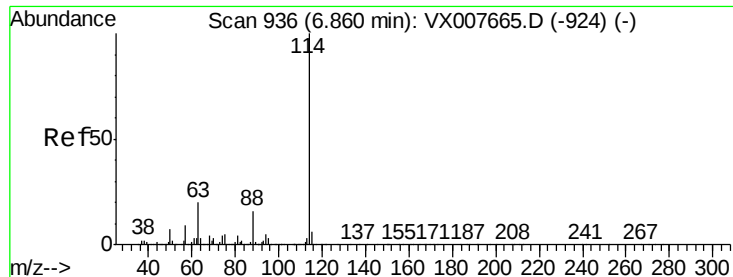
Tgt Ion: 65 Resp: 207485

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

A0C6-3-AQ

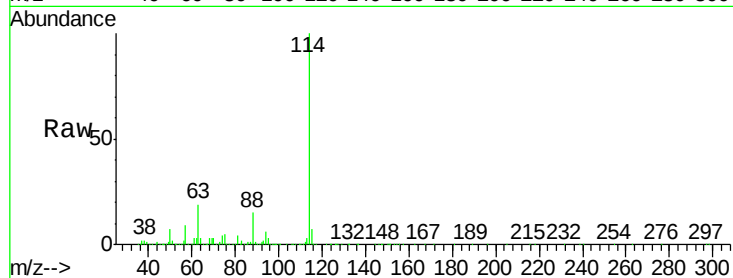
Tot Ion:114 Resp: 565946

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

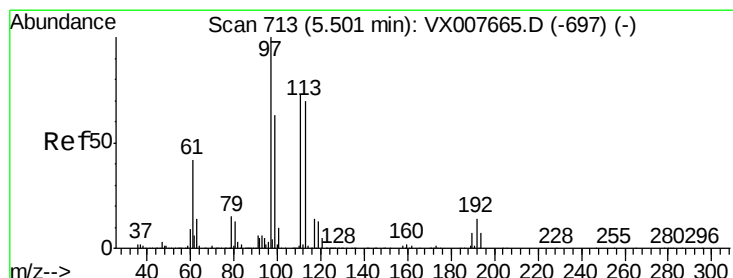
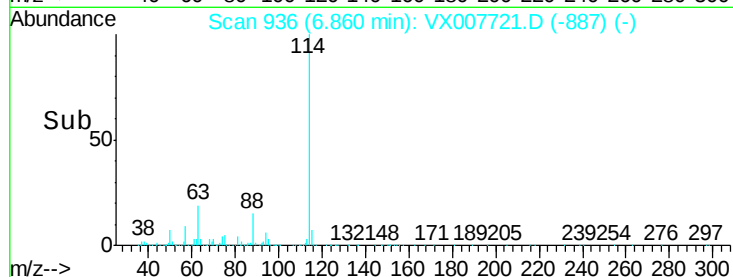
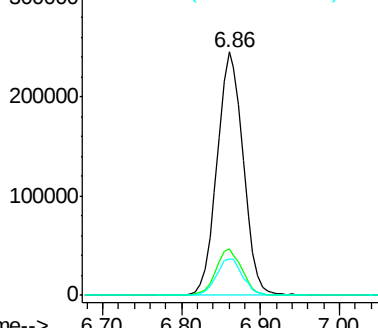
88 15.1 0.0 29.6



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: 50.687 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

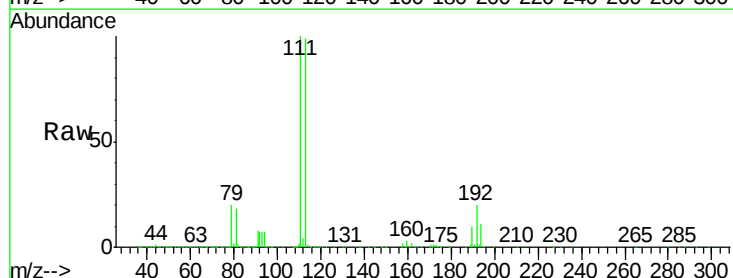
Tgt Ion:113 Resp: 191757

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

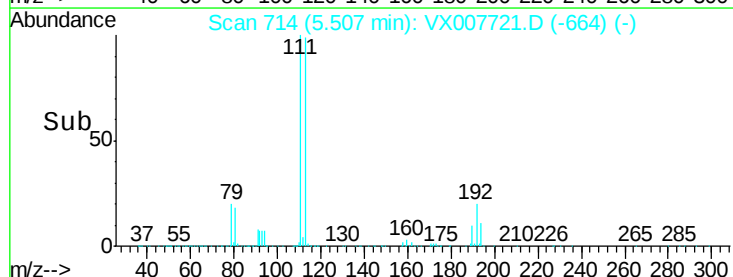
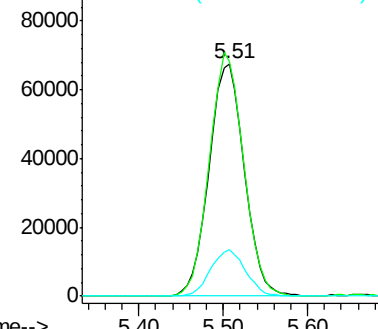
192 19.7 18.5 27.7

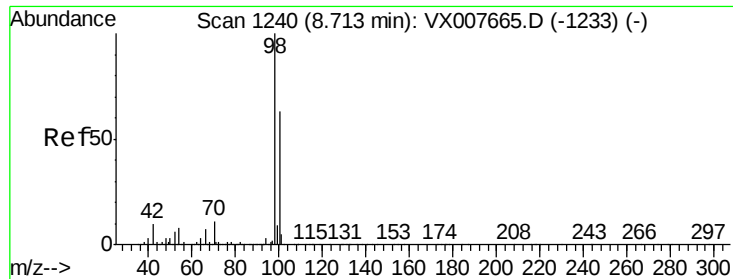


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.441 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

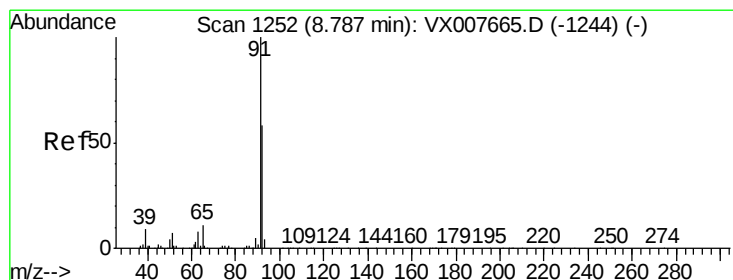
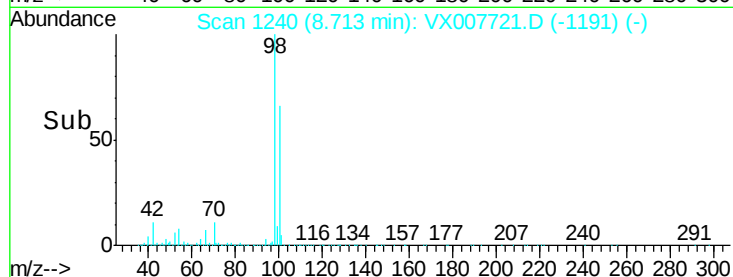
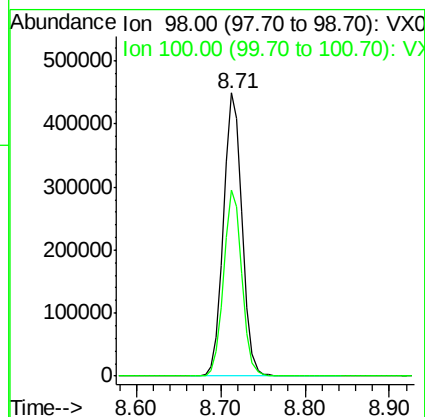
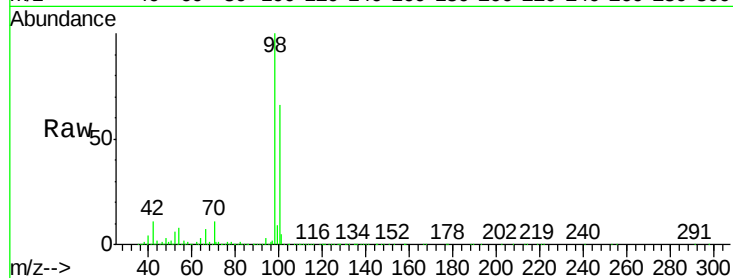
A0C6-3-AQ

Tot Ion: 98 Resp: 687115

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#52

Toluene

Concen: 0.318 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007721.D

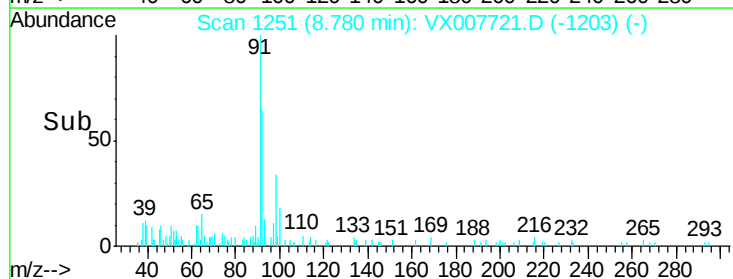
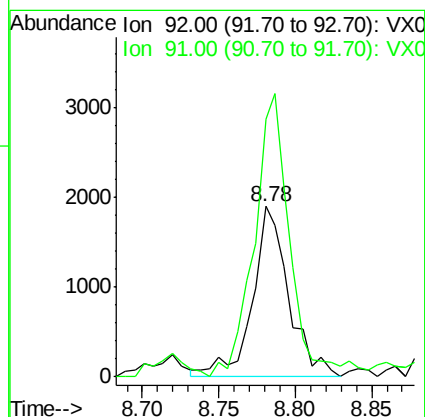
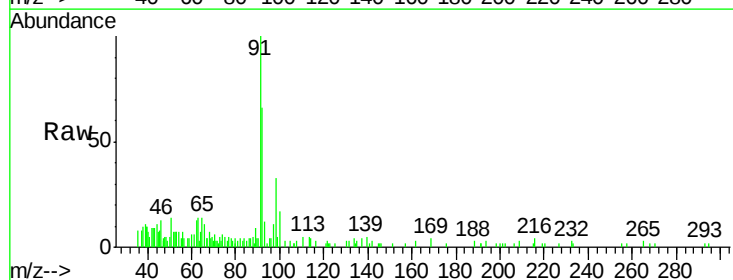
Acq: 26 Feb 2019 18:39

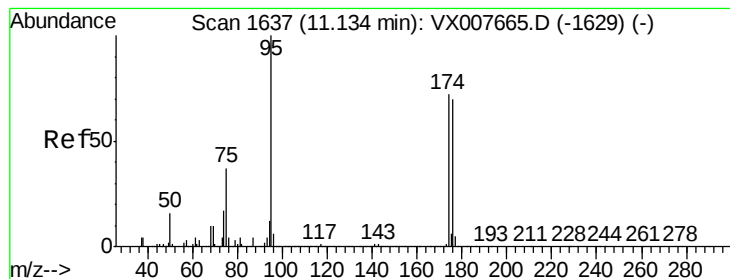
Tgt Ion: 92 Resp: 3148

Ion Ratio Lower Upper

92 100

91 163.8 139.1 208.7





#62

4-Bromofluorobenzene

Concen: 45.251 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

A0C6-3-AQ

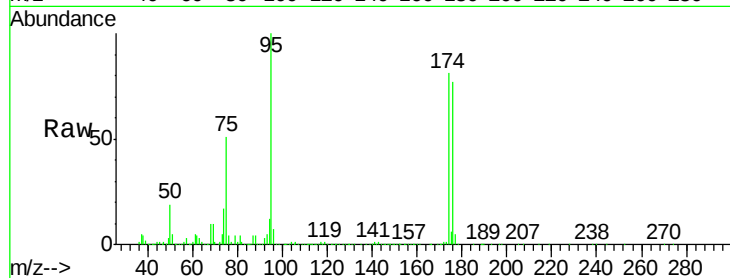
Tot Ion: 95 Resp: 240551

Ion Ratio Lower Upper

95 100

174 85.4 0.0 189.2

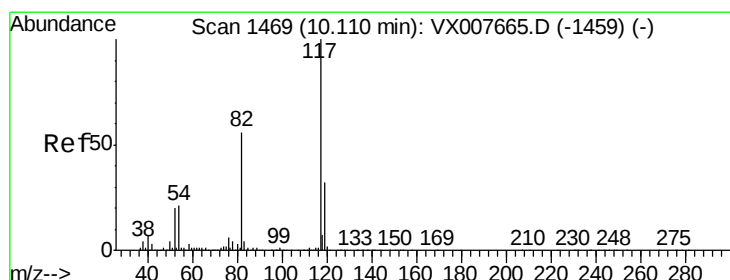
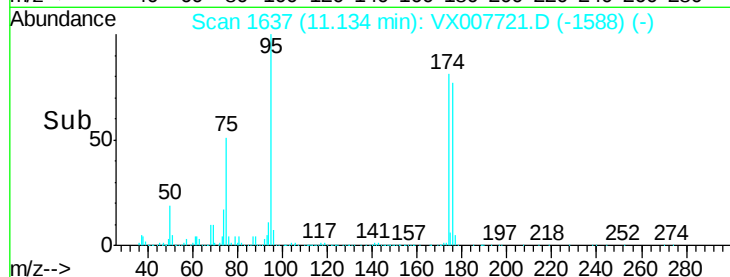
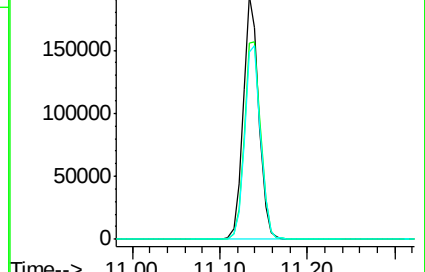
176 81.7 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

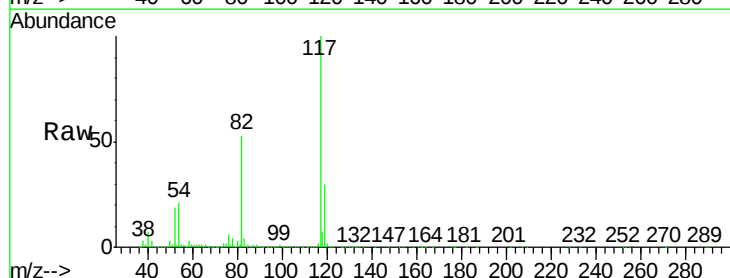
Tgt Ion: 117 Resp: 538533

Ion Ratio Lower Upper

117 100

82 53.1 42.1 63.1

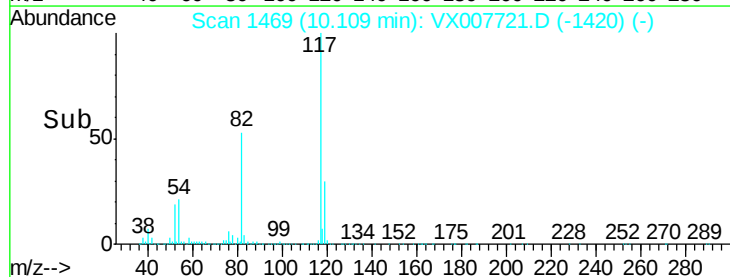
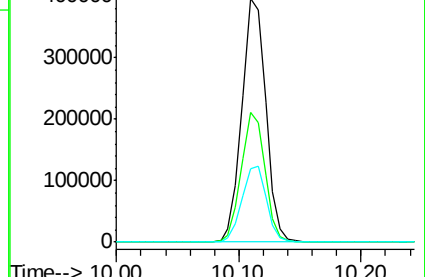
119 30.3 26.5 39.7

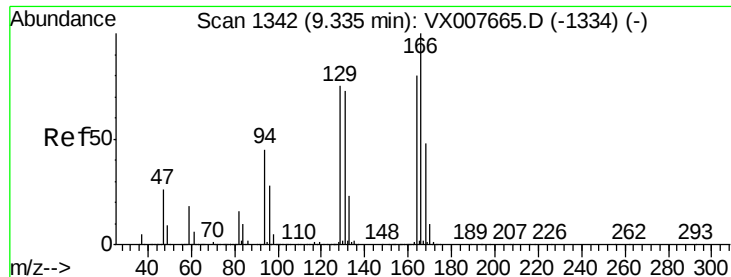


Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)

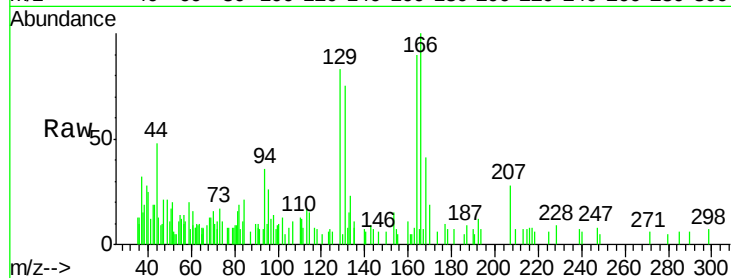




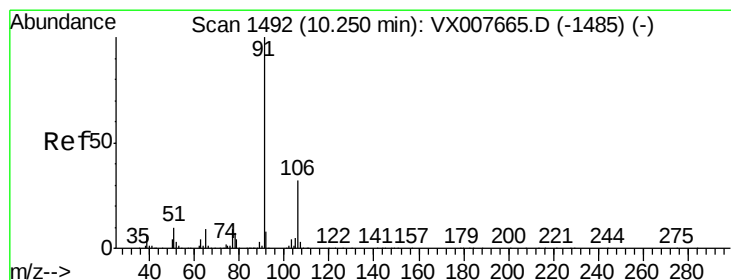
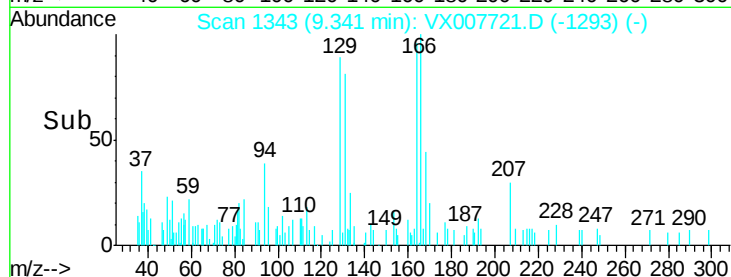
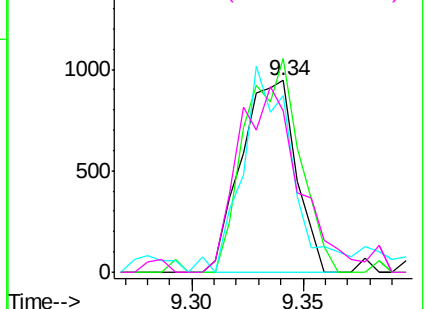
#64
Tetrachloroethene
Concen: 0.370 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX007721.D
Acq: 26 Feb 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
A0C6-3-AQ

Tot Ion:164 Resp: 1617
Ion Ratio Lower Upper
164 100
166 111.3 101.0 151.4
129 92.2 70.5 105.7
131 83.8 69.8 104.6

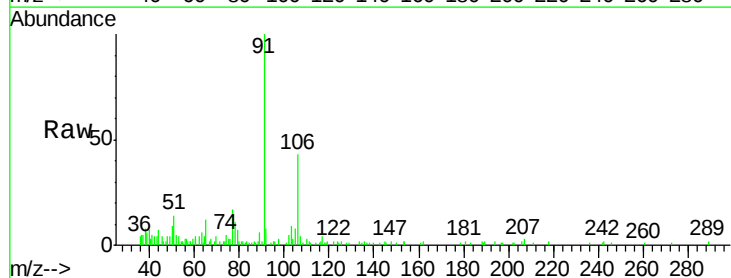


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

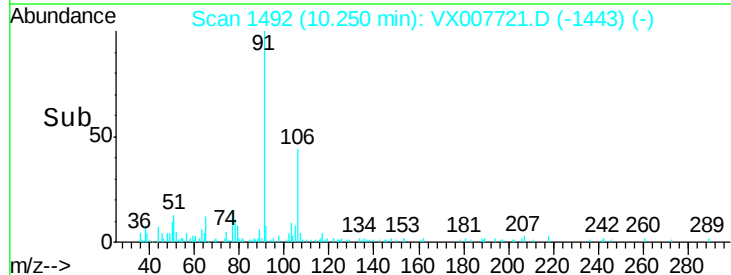
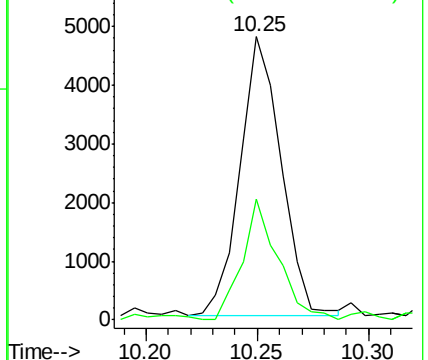


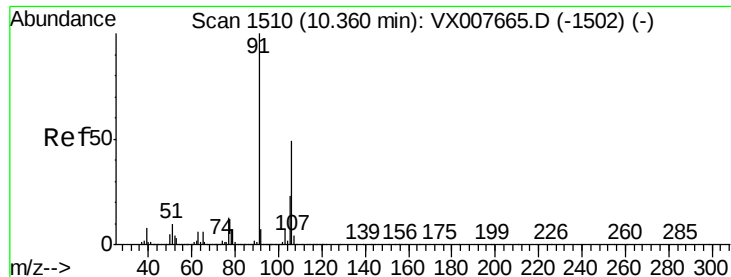
#67
Ethyl Benzene
Concen: 0.318 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007721.D
Acq: 26 Feb 2019 18:39

Tgt Ion: 91 Resp: 6139
Ion Ratio Lower Upper
91 100
106 43.4 25.4 38.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.058 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

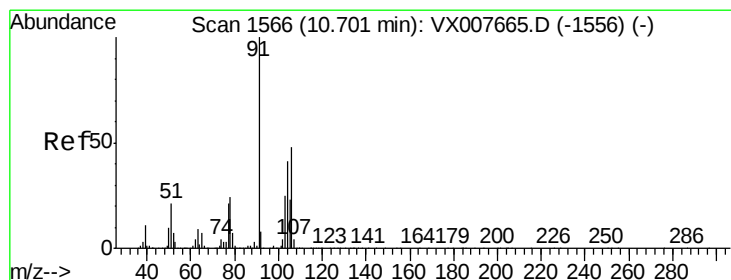
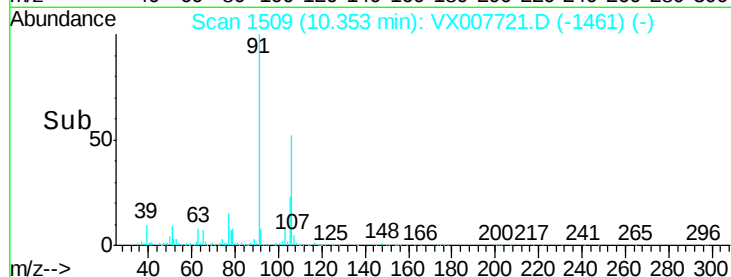
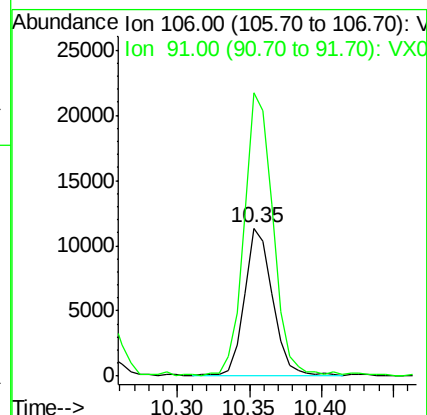
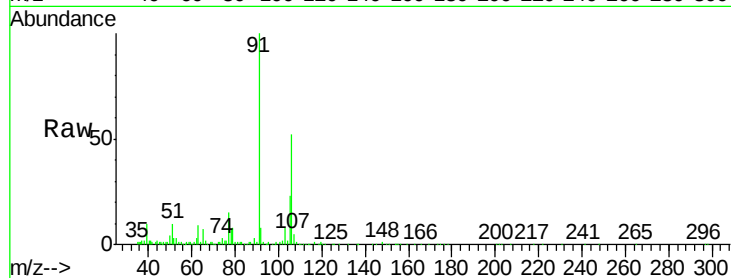
A0C6-3-AQ

Tot Ion:106 Resp: 15445

Ion Ratio Lower Upper

106 100

91 192.5 156.6 234.8



#69

o-Xylene

Concen: 0.850 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007721.D

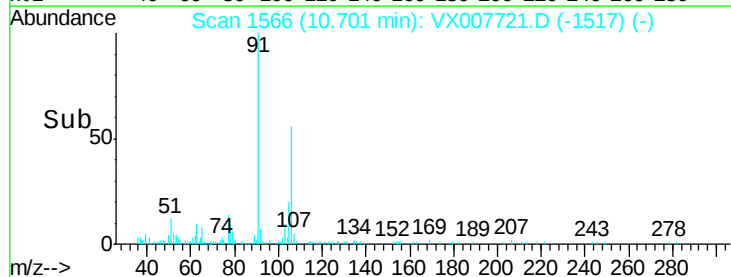
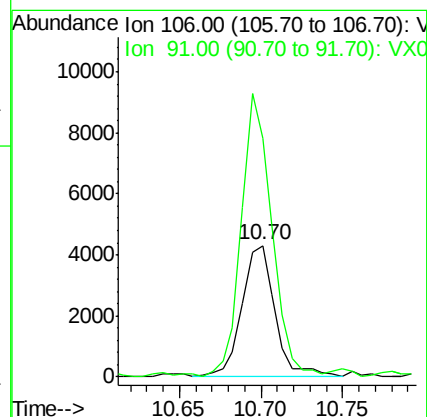
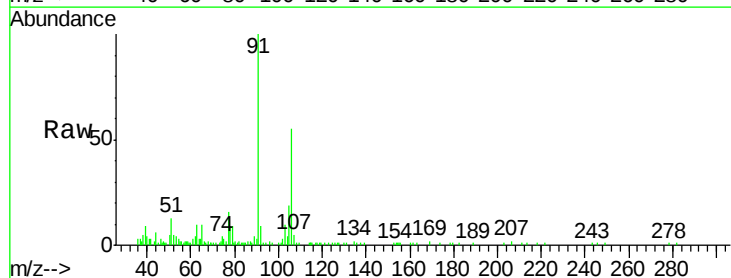
Acq: 26 Feb 2019 18:39

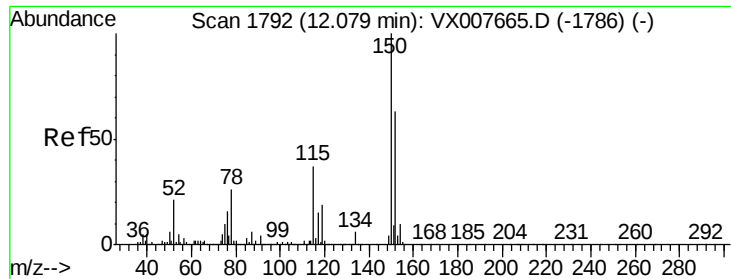
Tgt Ion:106 Resp: 6138

Ion Ratio Lower Upper

106 100

91 197.3 102.9 308.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007721.D

Acq: 26 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

A0C6-3-AQ

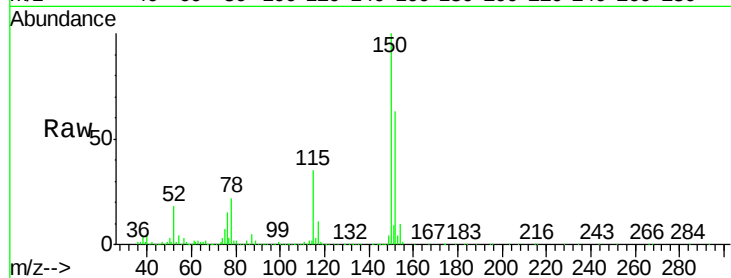
Tot Ion:152 Resp: 243197

Ion Ratio Lower Upper

152 100

115 56.1 38.0 114.0

150 154.7 0.0 346.4



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

