

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011836.D
 Acq On : 24 Aug 2019 22:07
 Operator : JC/SP
 Sample : K4474-37
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-K4-(2.5)

Quant Time: Aug 26 04:55:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

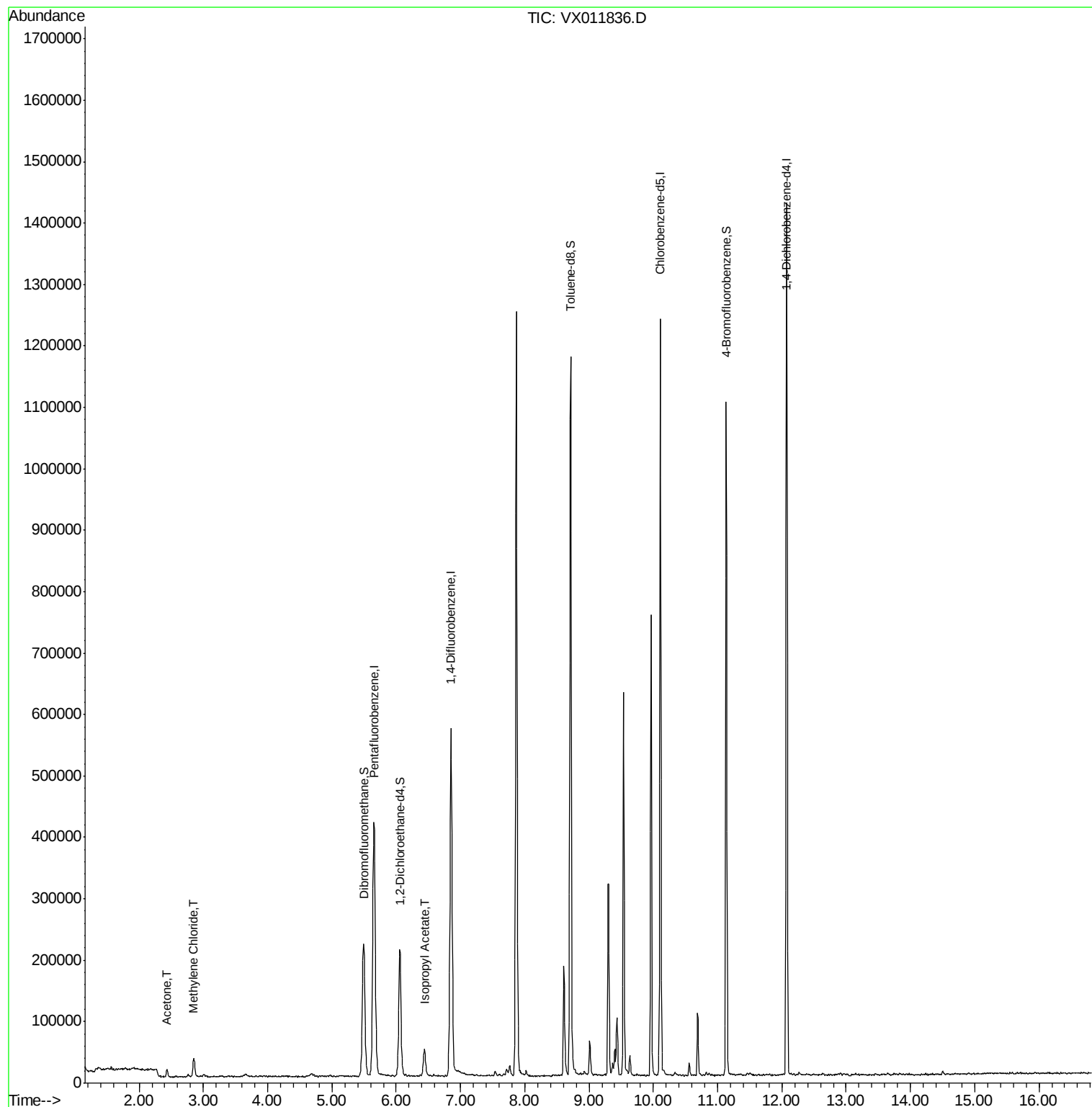
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	465334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	624455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	602029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	195397	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
35) Dibromofluoromethane	5.49	113	184501	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
50) Toluene-d8	8.71	98	729047	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	11.13	95	270569	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
16) Acetone	2.43	43	13137	6.460	ug/l	93
20) Methylene Chloride	2.85	84	16982	4.085	ug/l	92
43) Isopropyl Acetate	6.44	43	60197	7.177	ug/l	98

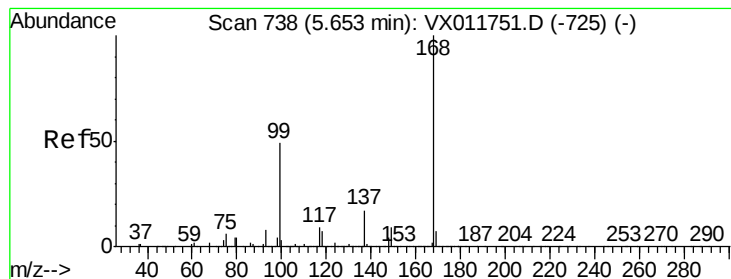
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011836.D

Acq: 24 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

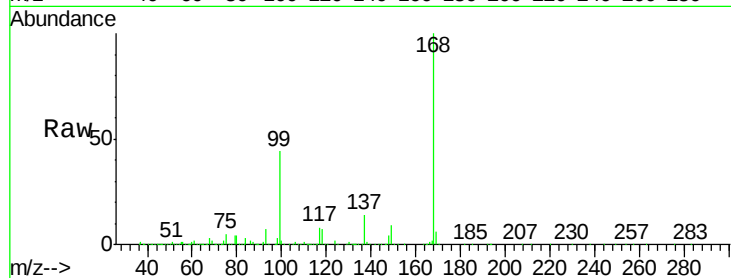
T1-2-K4-(2.5)

Tot Ion:168 Resp: 465334

Ion Ratio Lower Upper

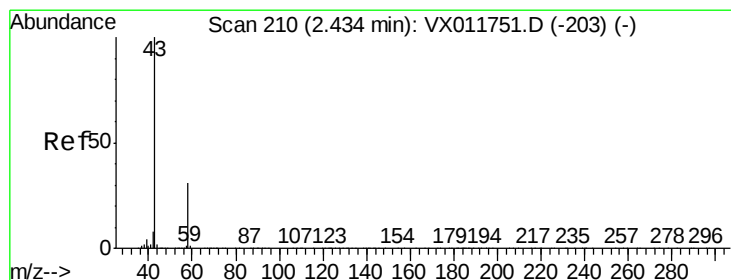
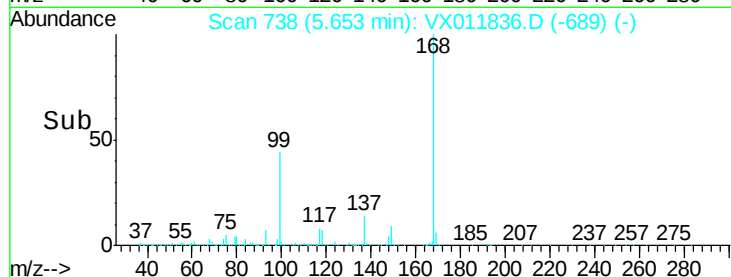
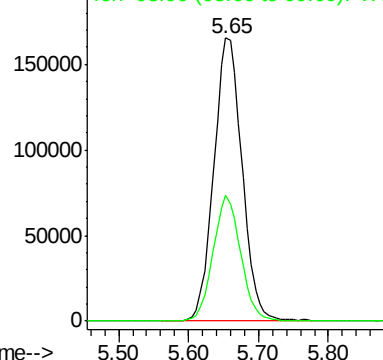
168 100

99 44.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.460 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011836.D

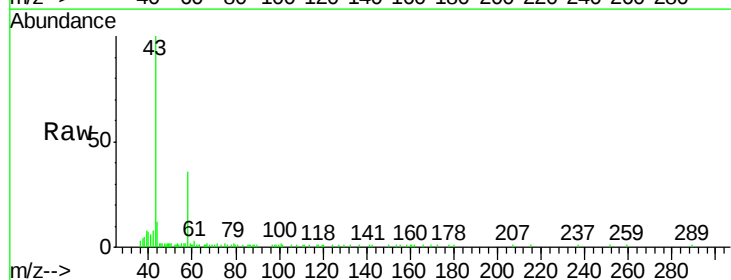
Acq: 24 Aug 2019 22:07

Tgt Ion: 43 Resp: 13137

Ion Ratio Lower Upper

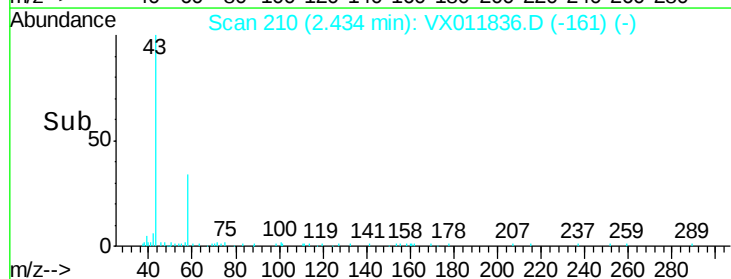
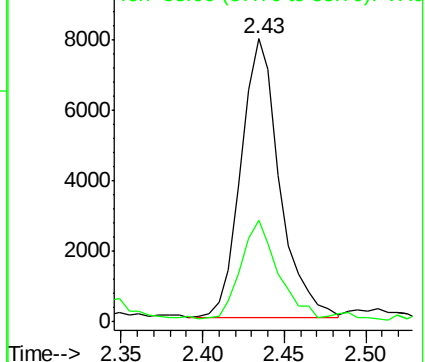
43 100

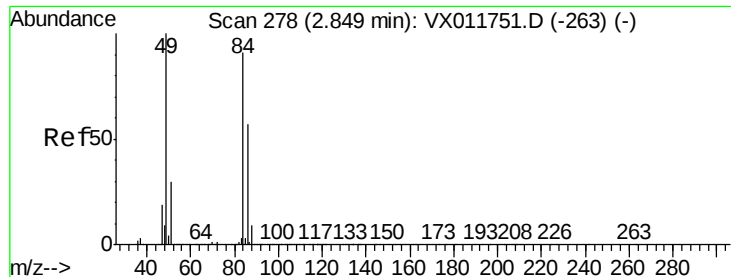
58 34.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methvlene Chloride

Concen: 4.085 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011836.D

Acq: 24 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampled :

T1-2-K4-(2.5)

Tot Ion: 84 Resp: 16982

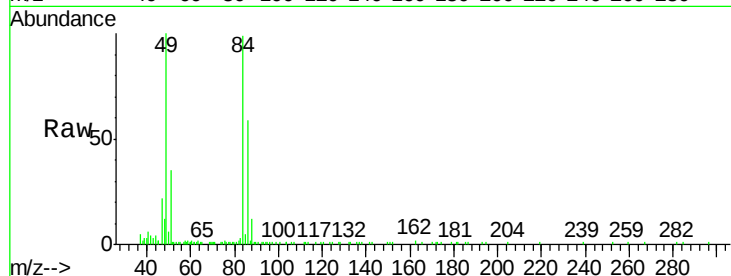
Ion Ratio Lower Upper

84 100

49 98.1 88.3 132.5

51 33.4 26.2 39.2

86 58.0 50.6 76.0

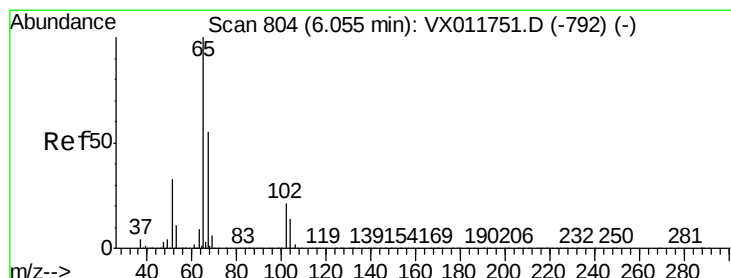
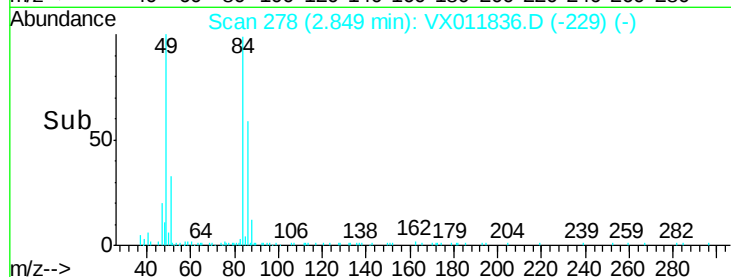
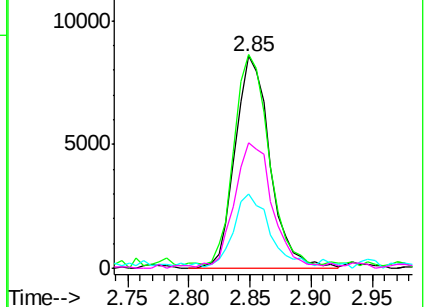


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 41.800 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011836.D

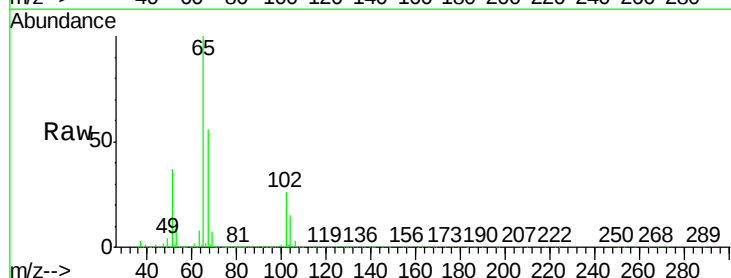
Acq: 24 Aug 2019 22:07

Tgt Ion: 65 Resp: 195397

Ion Ratio Lower Upper

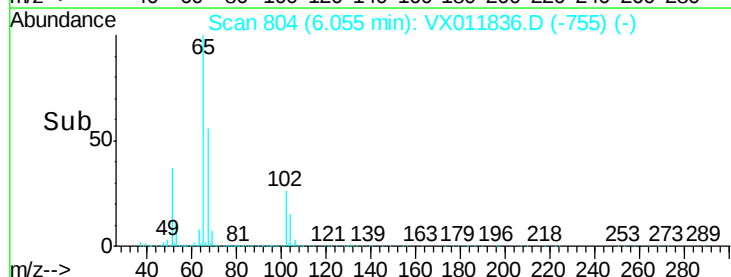
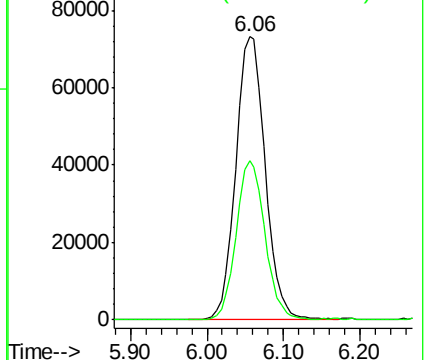
65 100

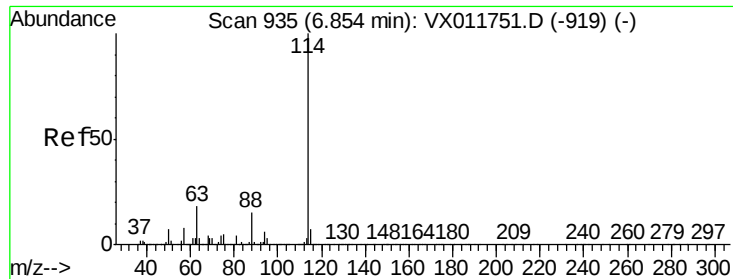
67 54.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011836.D

Acq: 24 Aug 2019 22:07

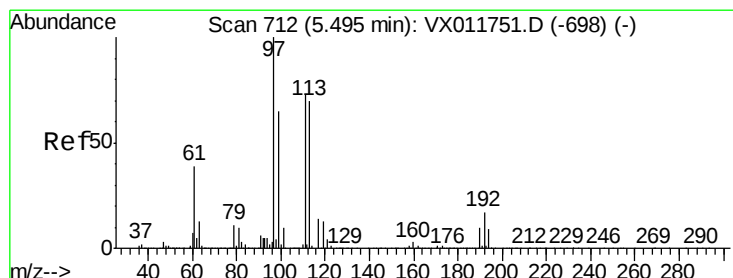
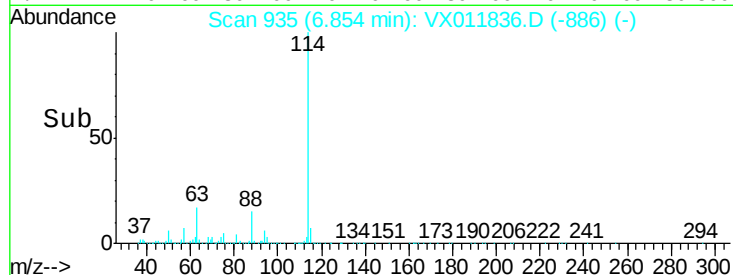
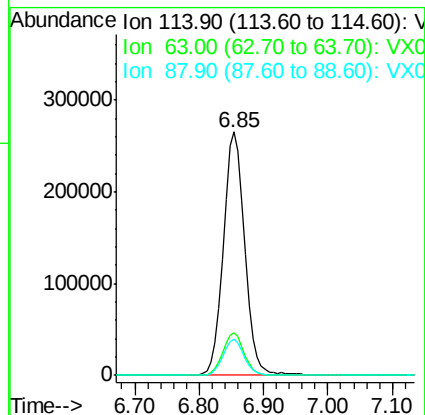
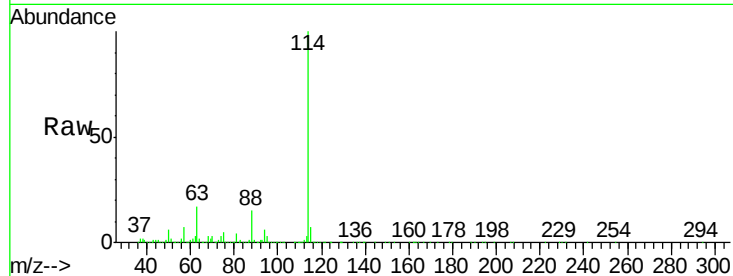
Instrument :

MSVOA_X

ClientSampleId :

T1-2-K4-(2.5)

Tot Ion:	114	Resp:	624455
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.8
88	15.0	0.0	30.2



#35

Dibromofluoromethane

Concen: 45.691 ug/l

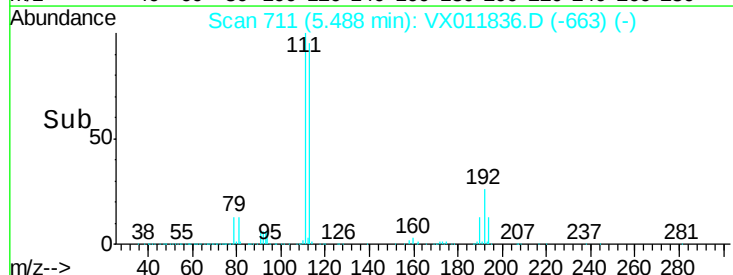
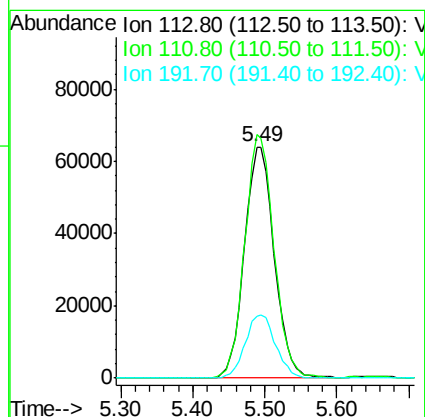
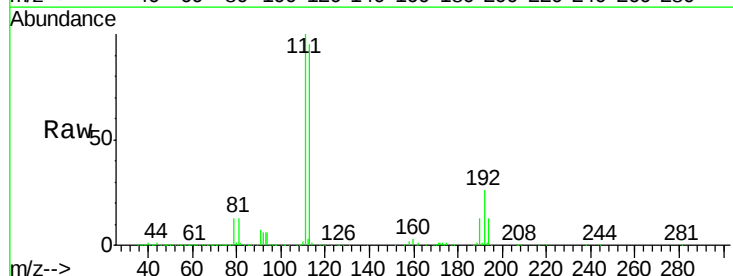
RT: 5.49 min Scan# 711

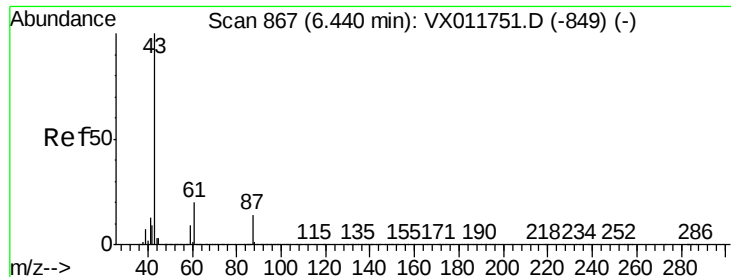
Delta R.T. -0.01 min

Lab File: VX011836.D

Acq: 24 Aug 2019 22:07

Tgt Ion:	113	Resp:	184501
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	27.9	19.9	29.9





#43

Isopropyl Acetate

Concen: 7.177 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011836.D

Acq: 24 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K4-(2.5)

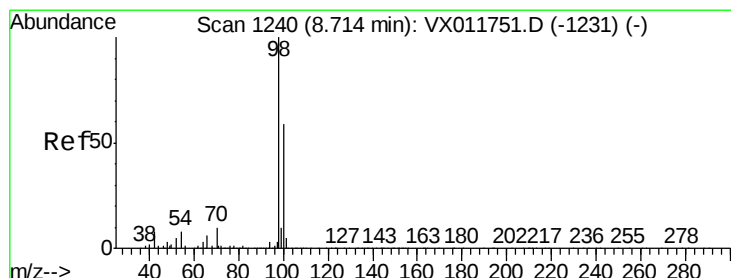
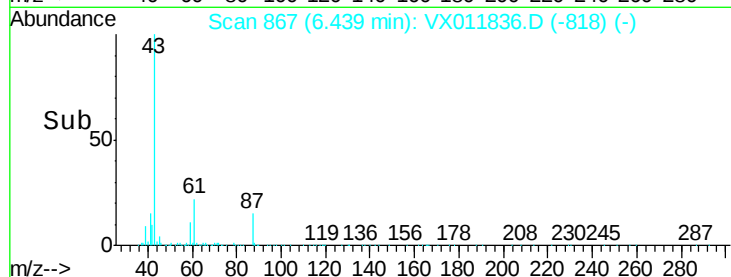
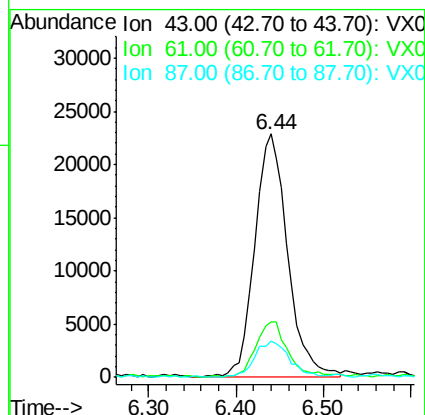
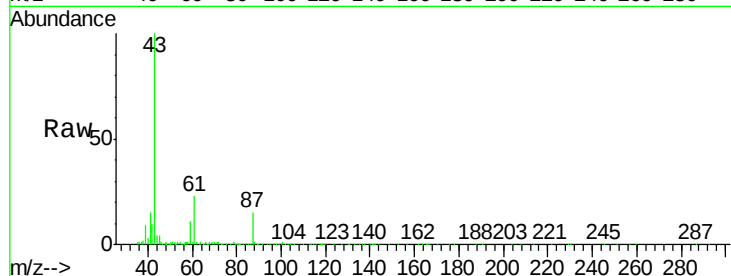
Tot Ion: 43 Resp: 60197

Ion Ratio Lower Upper

43 100

61 21.1 16.2 24.2

87 14.9 11.6 17.4



#50

Toluene-d8

Concen: 51.762 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011836.D

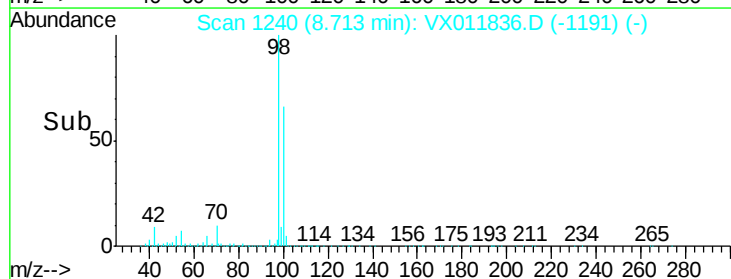
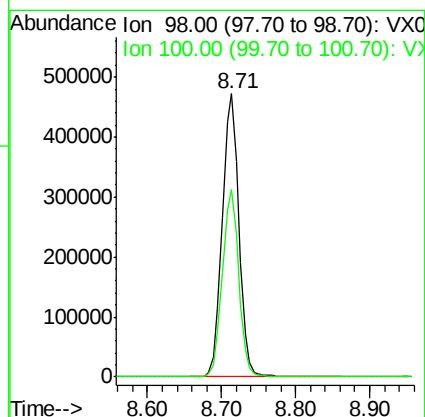
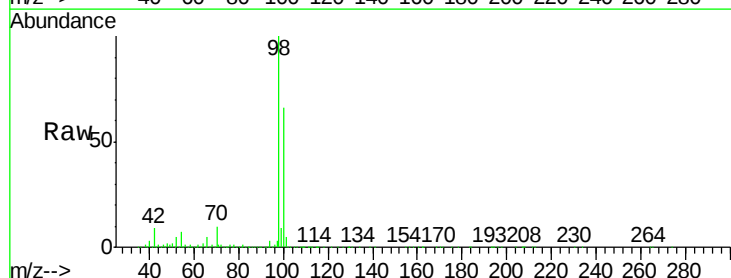
Acq: 24 Aug 2019 22:07

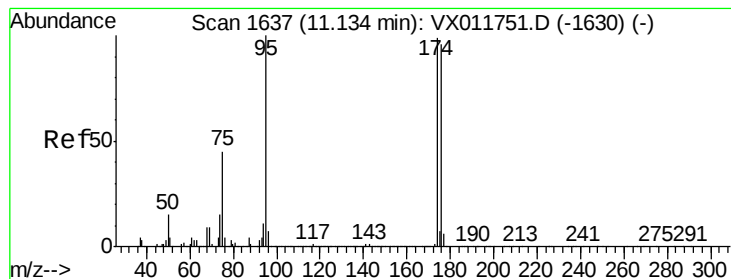
Tgt Ion: 98 Resp: 729047

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 48.602 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011836.D

Acq: 24 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K4-(2.5)

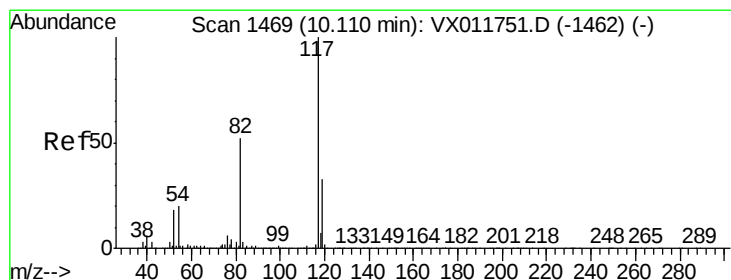
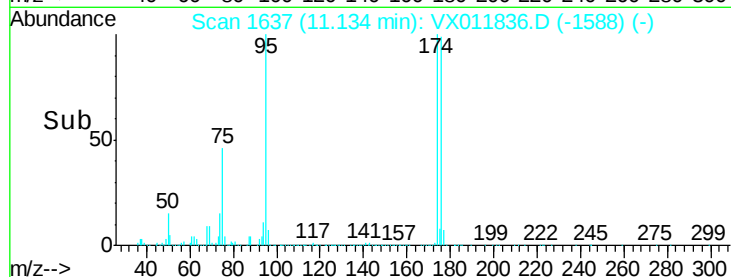
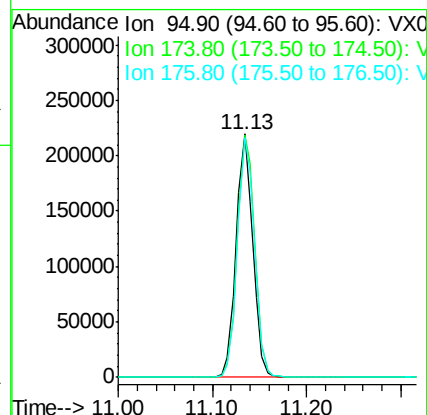
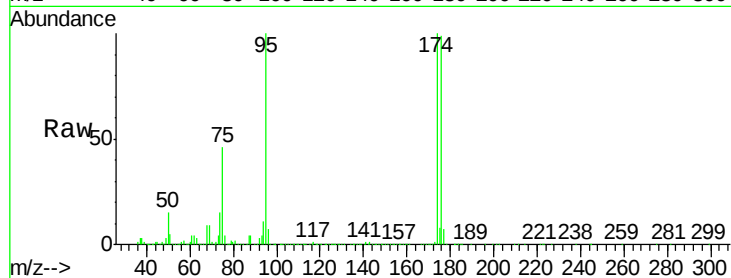
Tot Ion: 95 Resp: 270569

Ion Ratio Lower Upper

95 100

174 103.6 0.0 197.4

176 100.7 0.0 194.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011836.D

Acq: 24 Aug 2019 22:07

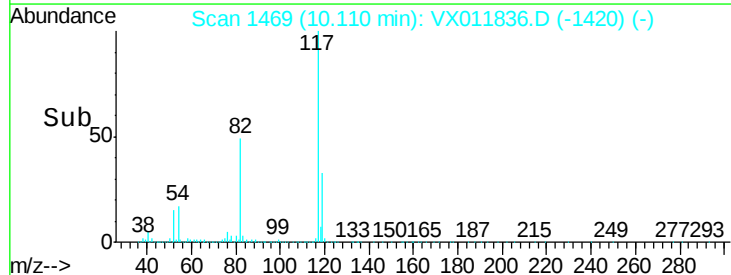
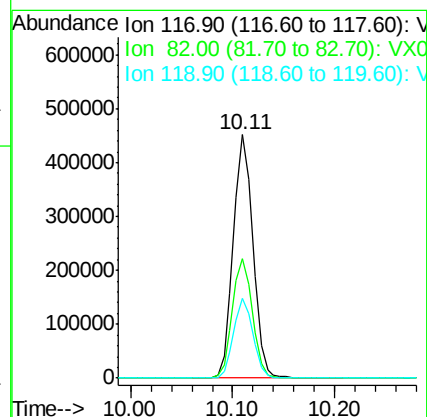
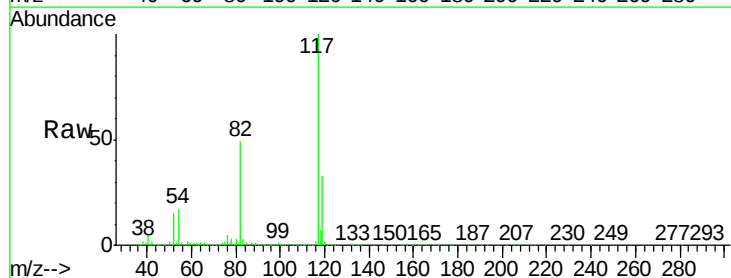
Tgt Ion: 117 Resp: 602029

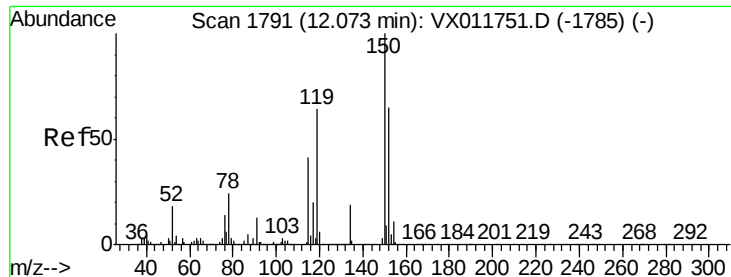
Ion Ratio Lower Upper

117 100

82 49.2 41.7 62.5

119 32.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011836.D

Acq: 24 Aug 2019 22:07

Instrument :

MSVOA_X

ClientSampleId :

T1-2-K4-(2.5)

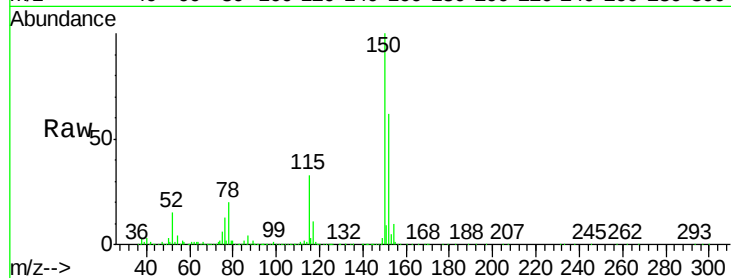
Tot Ion:152 Resp: 331532

Ion Ratio Lower Upper

152 100

115 51.8 37.3 111.8

150 156.4 0.0 343.0



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

