

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010832.D
 Acq On : 12 Jul 2019 13:42
 Operator : JC/SP
 Sample : K3782-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY0300F003-SW-190711

Quant Time: Jul 13 02:19:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

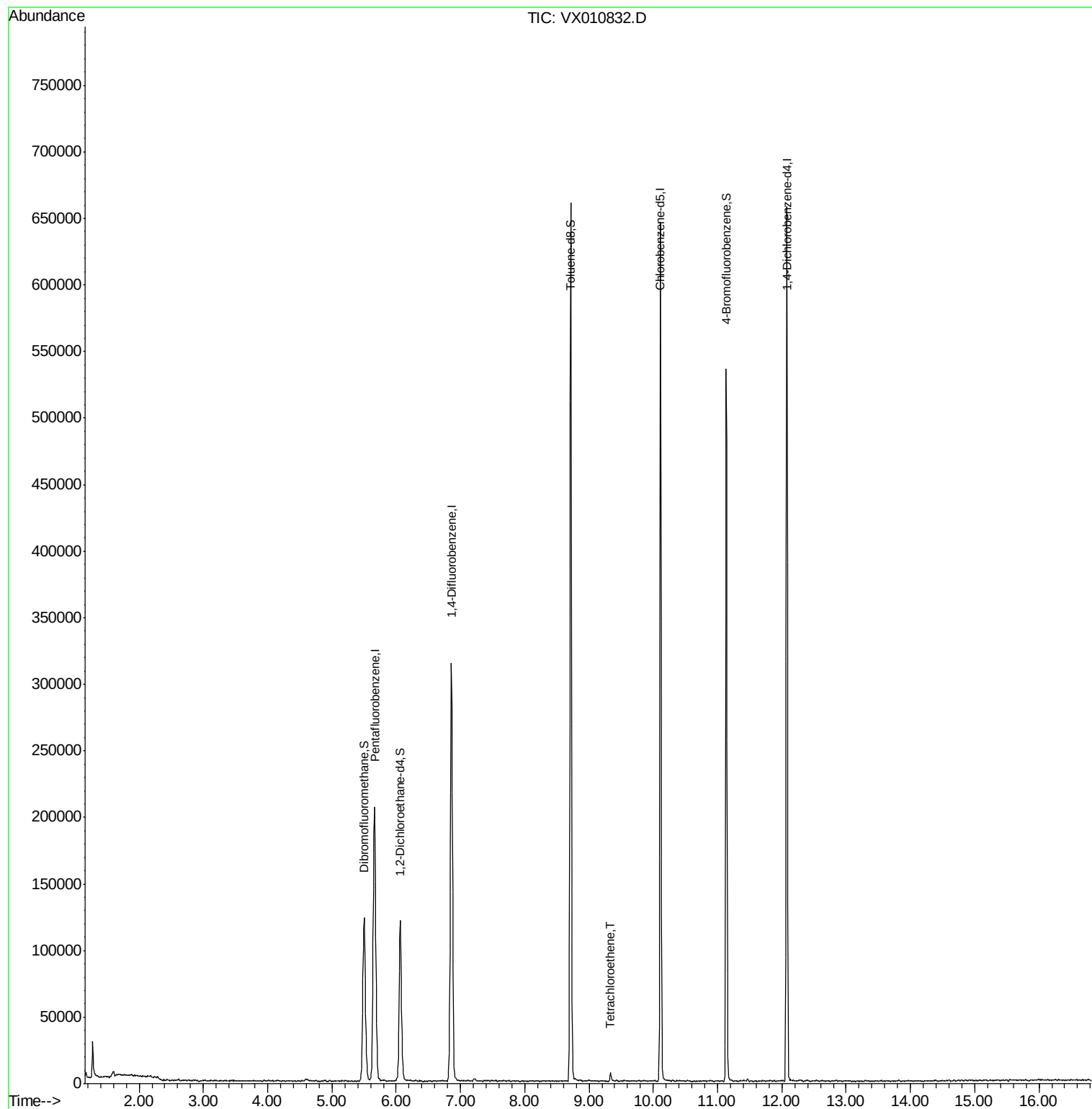
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108358	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	5.50	113	103753	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	8.71	98	397932	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	133172	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
64) Tetrachloroethene	9.34	164	978	0.394	ug/l #	84

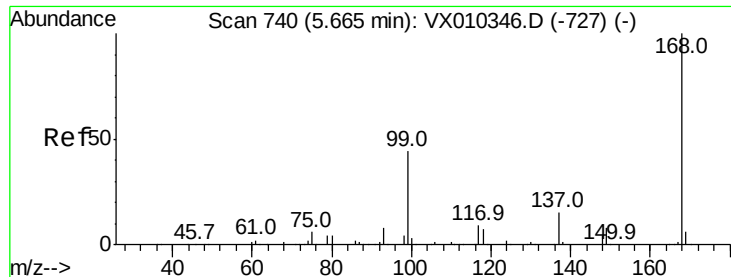
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010832.D

Acq: 12 Jul 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

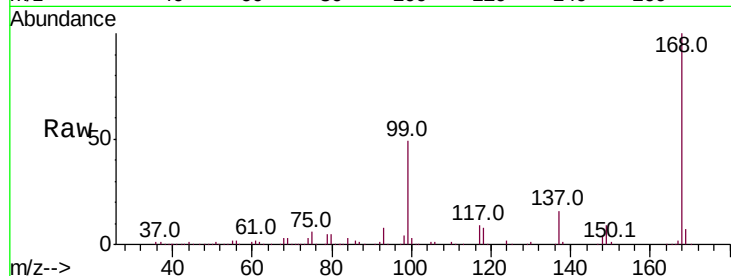
KY0300F003-SW-190711

Tot Ion:168 Resp: 211990

Ion Ratio Lower Upper

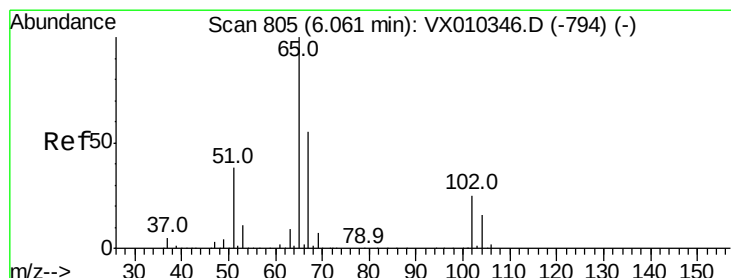
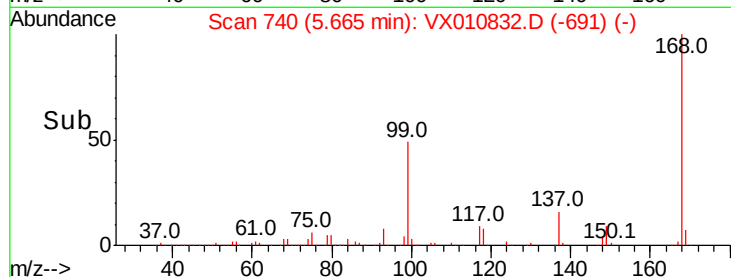
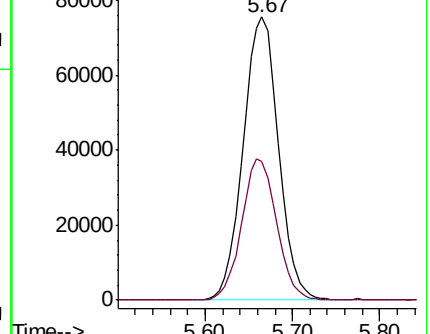
168 100

99 48.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.517 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010832.D

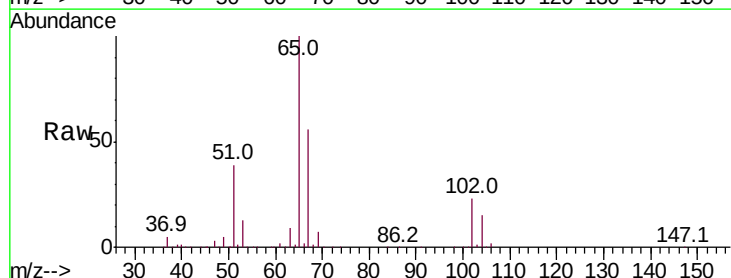
Acq: 12 Jul 2019 13:42

Tgt Ion: 65 Resp: 108358

Ion Ratio Lower Upper

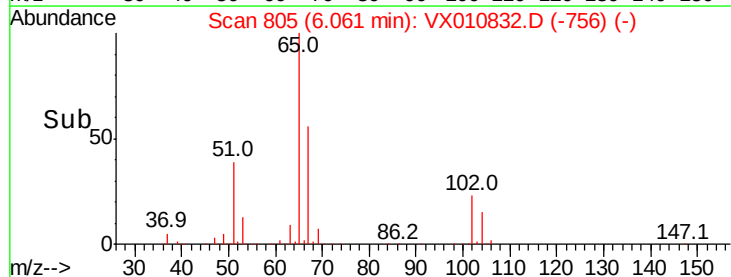
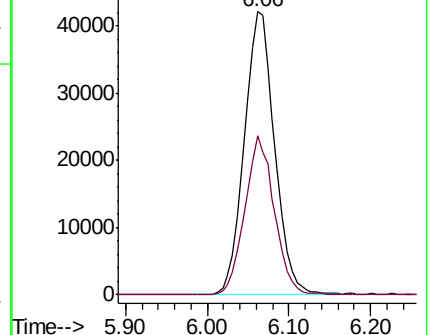
65 100

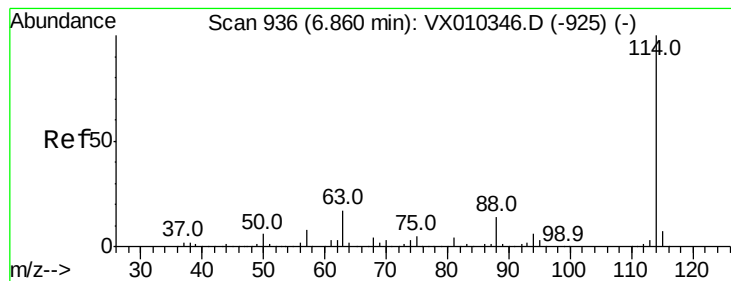
67 54.5 0.0 110.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010832.D

Acq: 12 Jul 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

KY0300F003-SW-190711

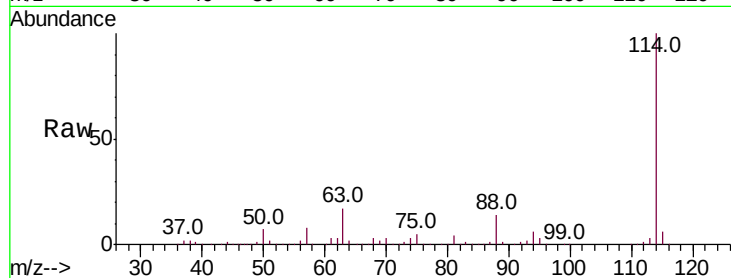
Tot Ion:114 Resp: 334998

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.8

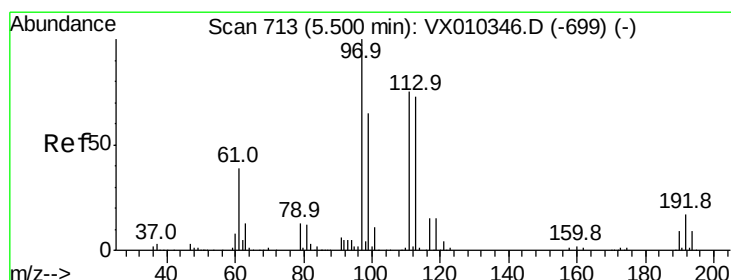
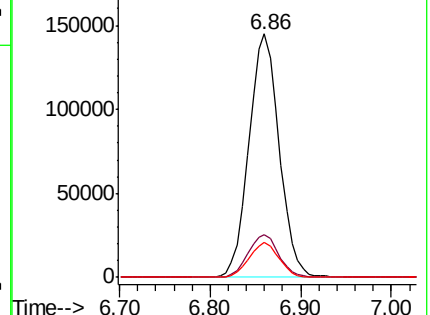
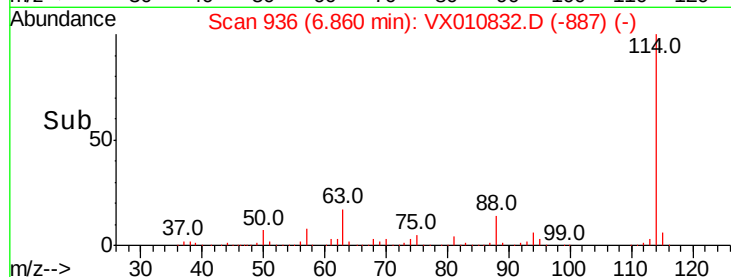
88 14.3 0.0 27.6



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: 50.620 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010832.D

Acq: 12 Jul 2019 13:42

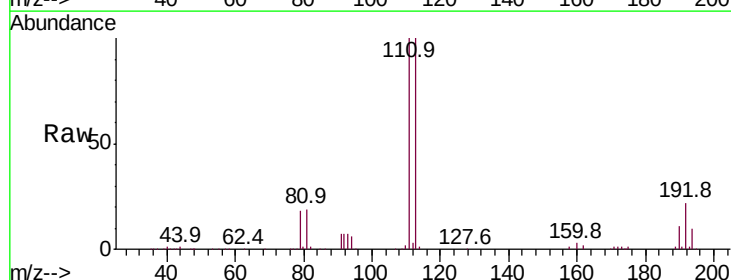
Tgt Ion:113 Resp: 103753

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

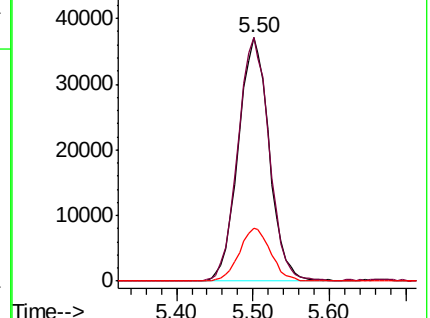
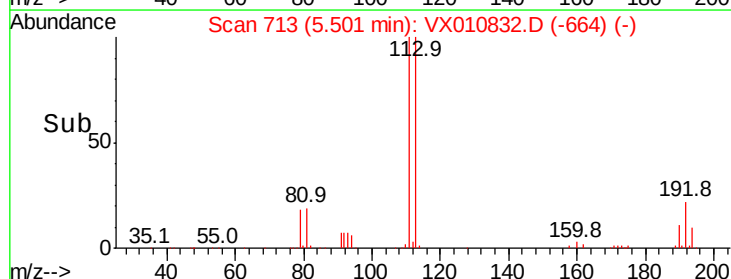
192 22.1 18.6 27.8

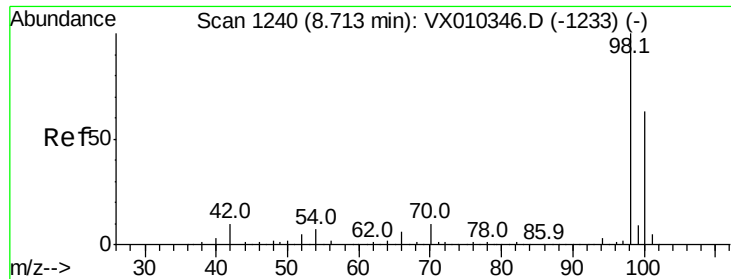


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.747 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010832.D

Acq: 12 Jul 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

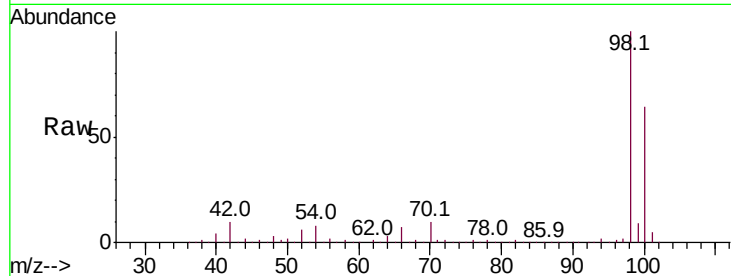
KY0300F003-SW-190711

Tot Ion: 98 Resp: 397932

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

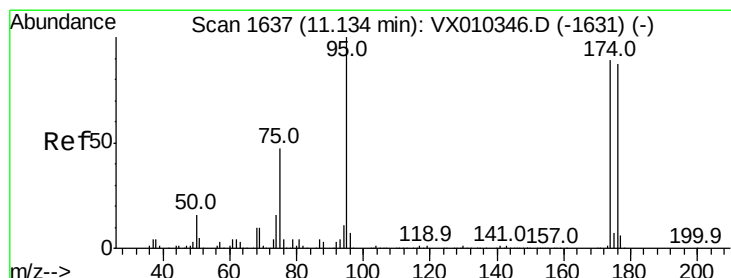
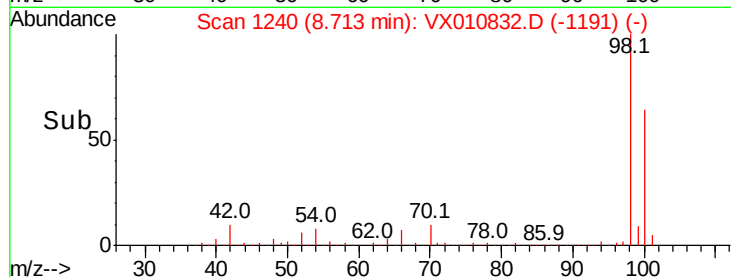
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 47.040 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010832.D

Acq: 12 Jul 2019 13:42

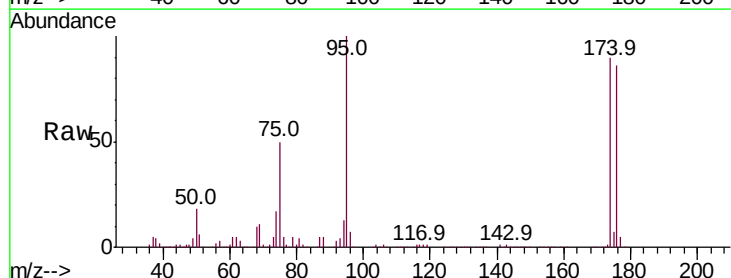
Tgt Ion: 95 Resp: 133172

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.6

176 90.6 0.0 184.0



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

11.13

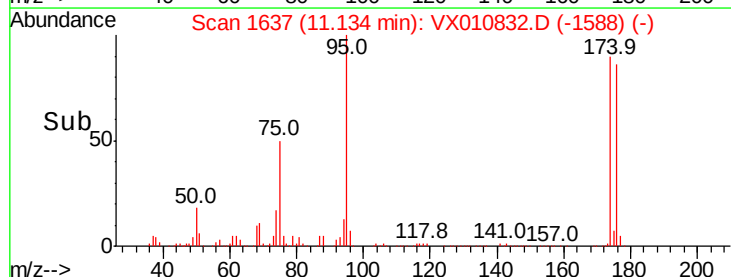
100000

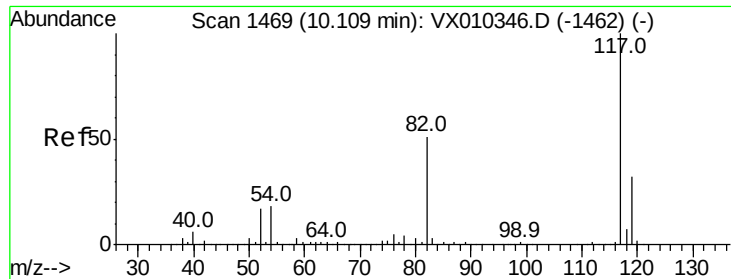
50000

0

Time-->

11.05 11.10 11.15 11.20

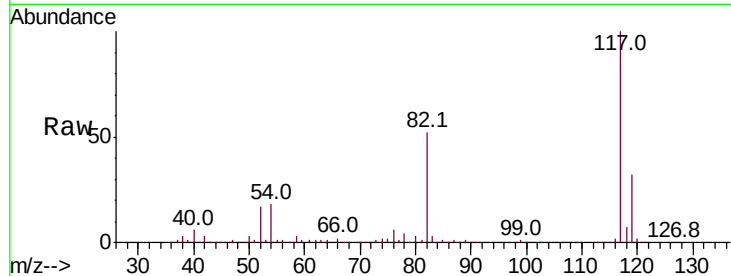




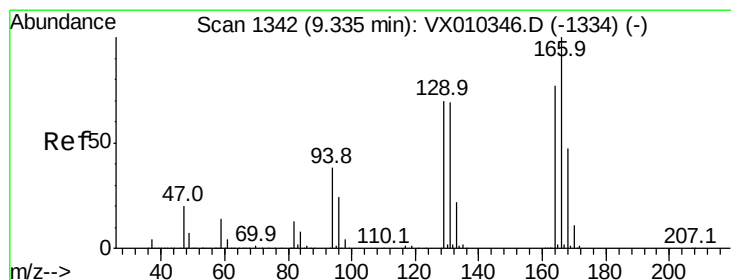
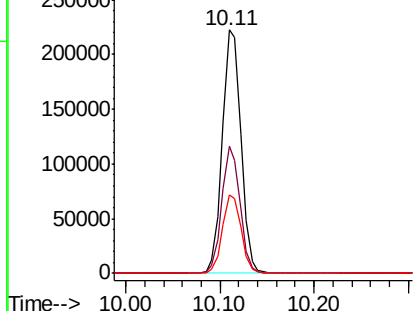
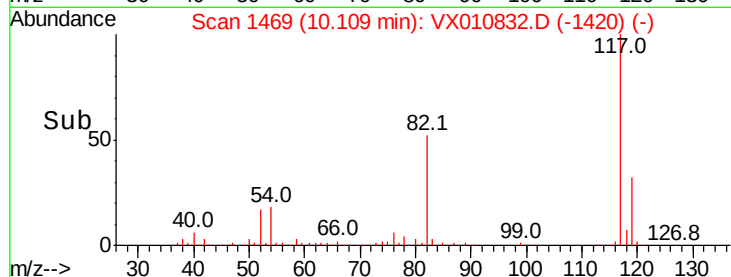
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010832.D
Acq: 12 Jul 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
KY0300F003-SW-190711

Tot Ion:117 Resp: 306871
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 32.4 25.5 38.3

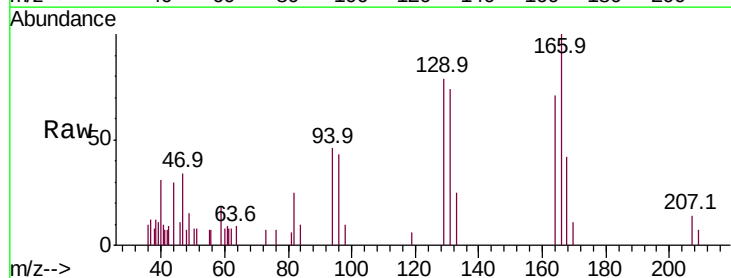


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

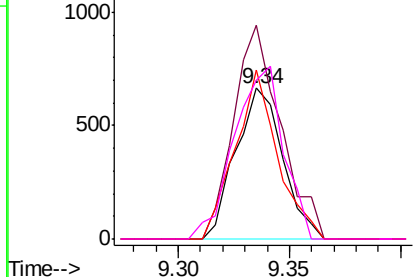
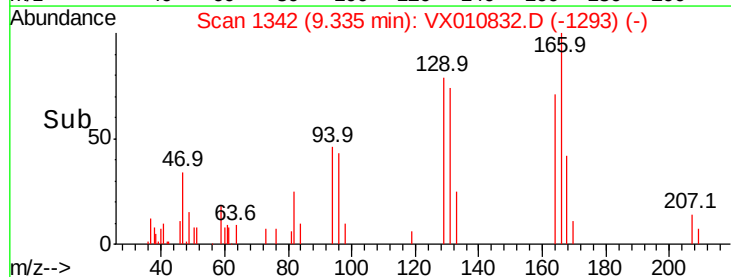


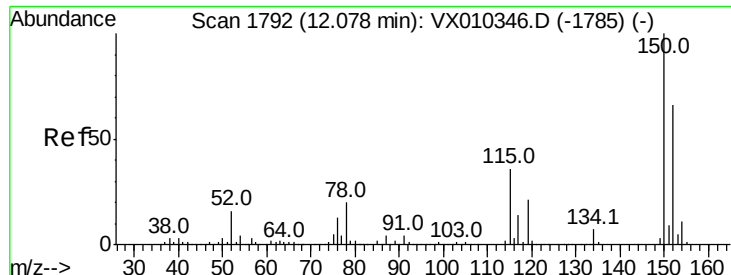
#64
Tetrachloroethene
Concen: 0.394 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010832.D
Acq: 12 Jul 2019 13:42

Tgt Ion:164 Resp: 978
Ion Ratio Lower Upper
164 100
166 141.7 103.6 155.4
129 112.2 73.0 109.4#
131 105.0 71.0 106.4



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

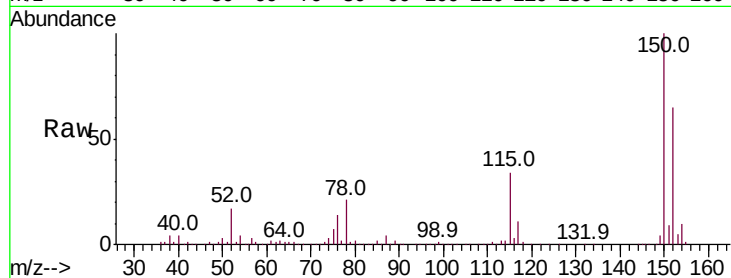




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010832.D
 Acq: 12 Jul 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 KY0300F003-SW-190711

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.6	115.7
150	156.0	0.0	347.4



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

