

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010321.D
 Acq On : 17 Jun 2019 13:59
 Operator : JC/SP
 Sample : K3154-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-02-061419-D

Quant Time: Jun 18 02:13:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

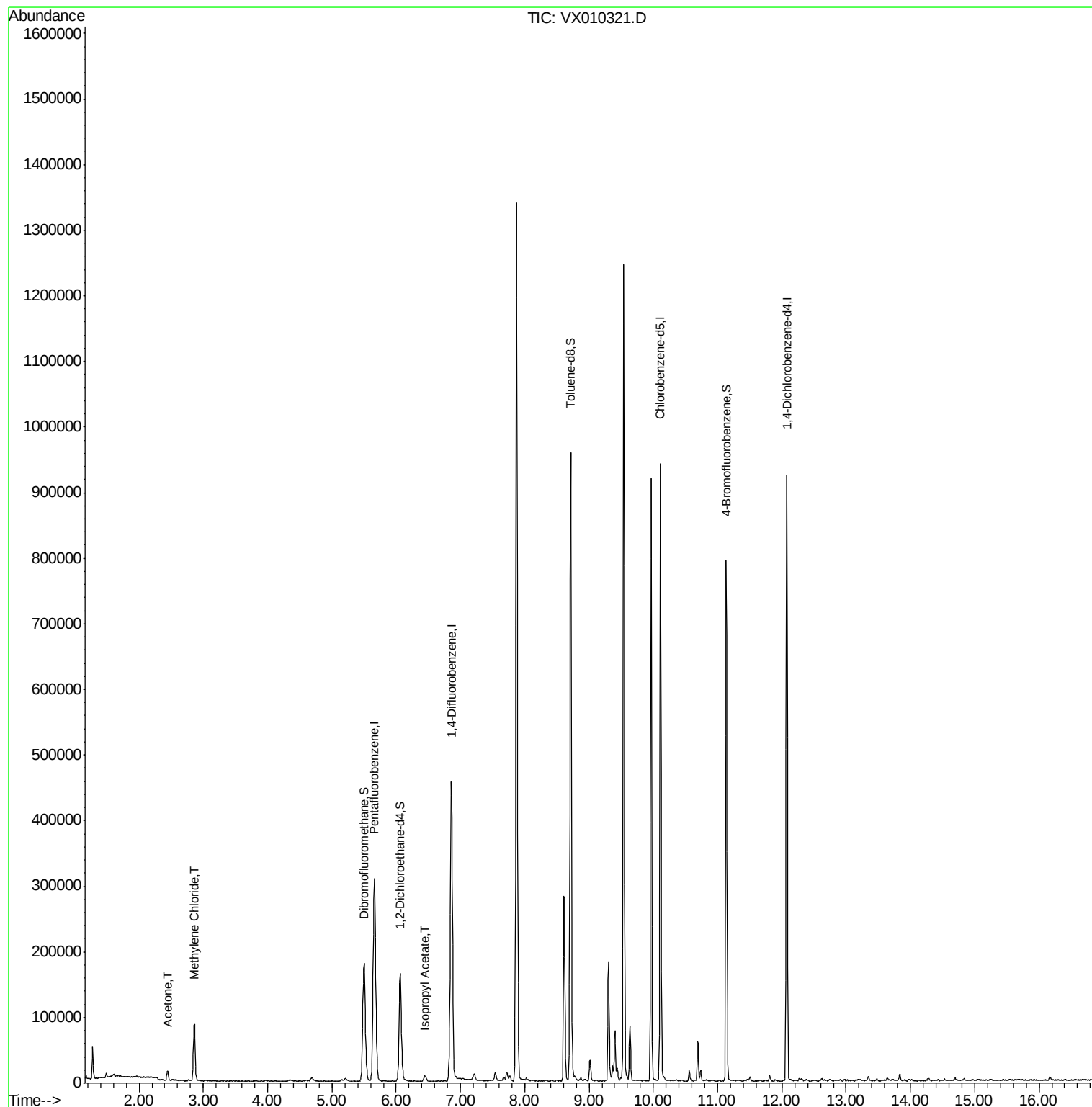
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	333054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	497802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	453906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	148561	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
35) Dibromofluoromethane	5.50	113	152688	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	592838	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	199753	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
16) Acetone	2.44	43	14734	9.636	ug/l	95
20) Methylene Chloride	2.86	84	44673	13.303	ug/l #	75
43) Isopropyl Acetate	6.45	43	12276	1.738	ug/l #	83

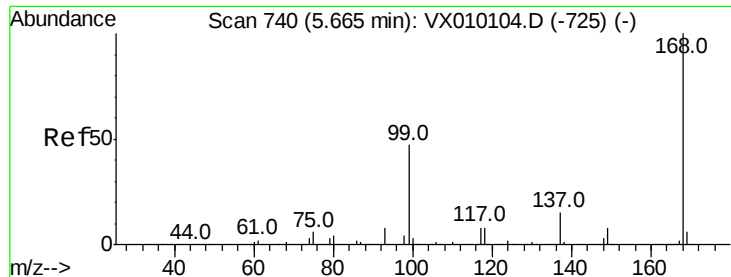
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010321.D

Acq: 17 Jun 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

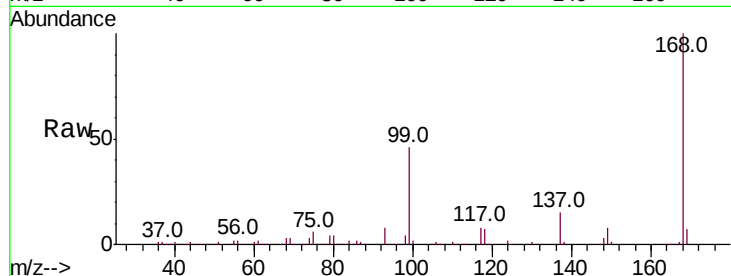
JC-02-061419-D

Tot Ion:168 Resp: 333054

Ion Ratio Lower Upper

168 100

99 46.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

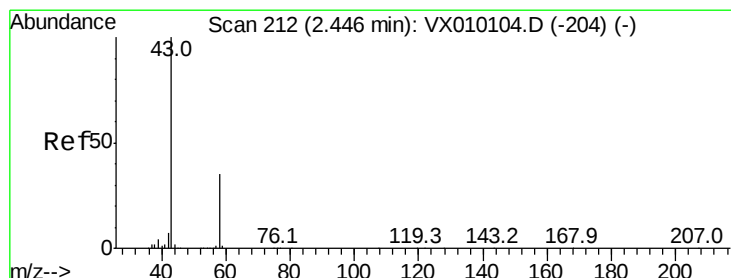
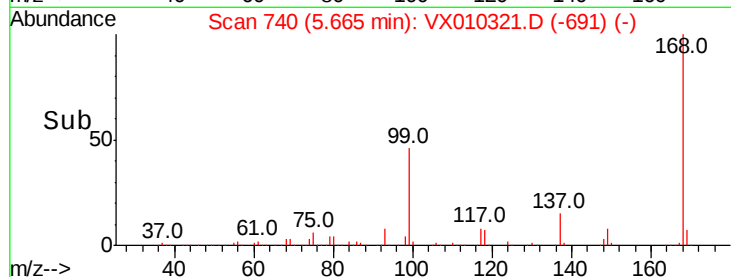
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 9.636 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010321.D

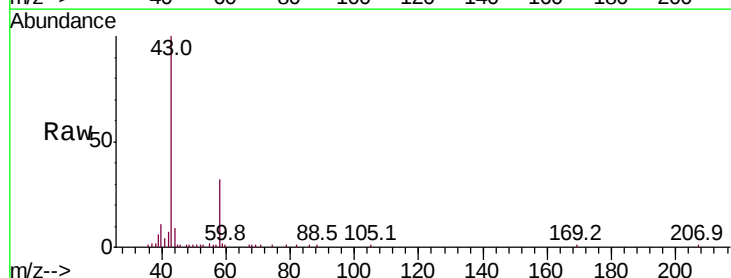
Acq: 17 Jun 2019 13:59

Tgt Ion: 43 Resp: 14734

Ion Ratio Lower Upper

43 100

58 31.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

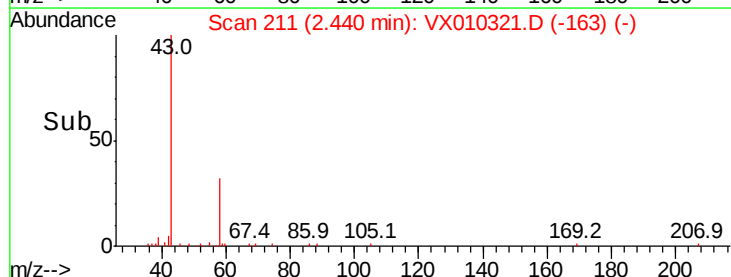
6000

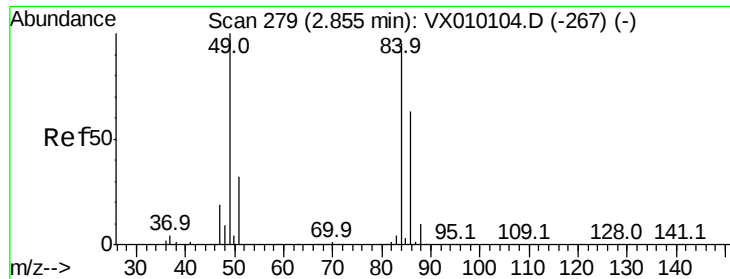
4000

2000

0

Time-->

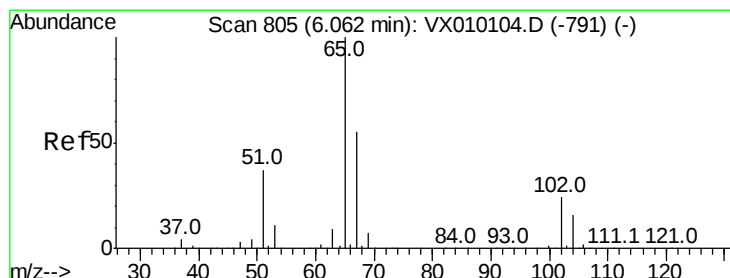
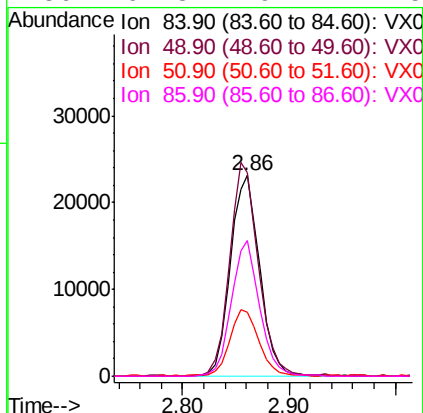
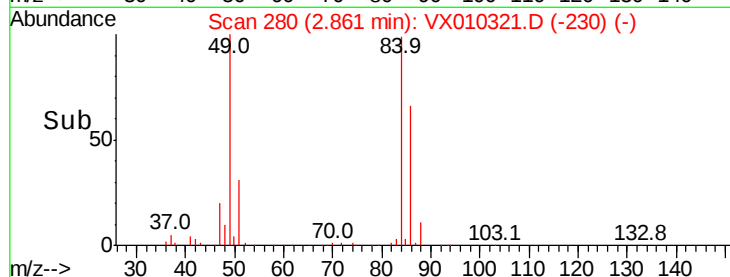
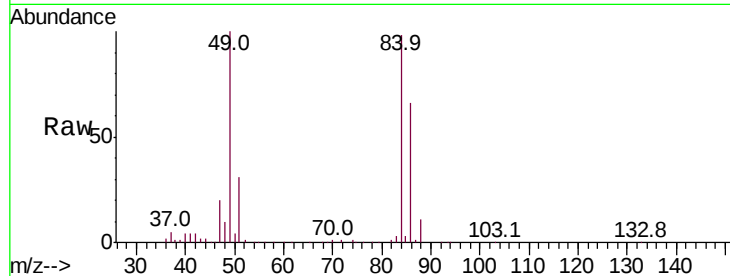




#20
Methvlene Chloride
Concen: 13.303 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010321.D
Acq: 17 Jun 2019 13:59

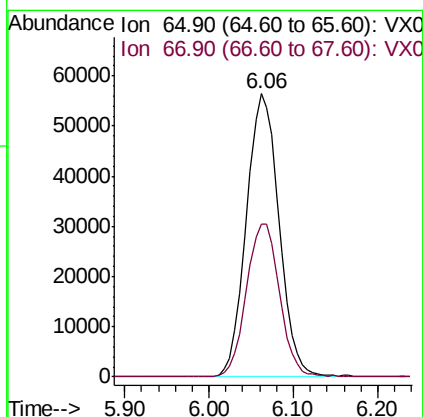
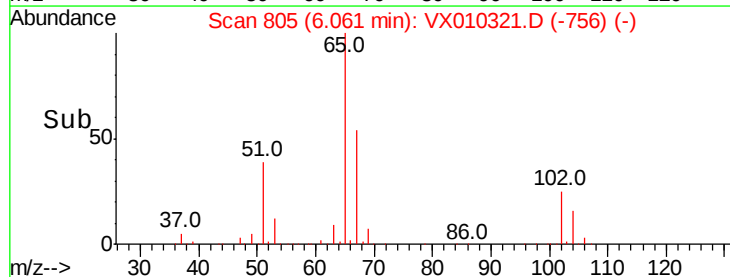
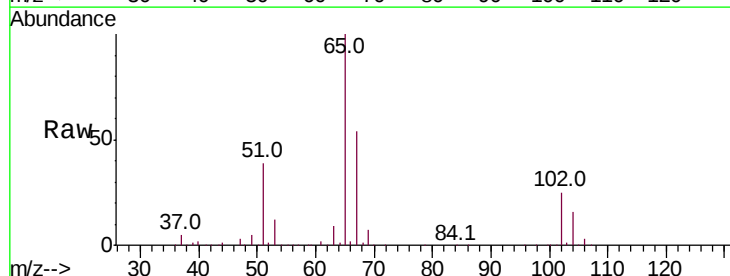
Instrument :
MSVOA_X
ClientSampleId :
JC-02-061419-D

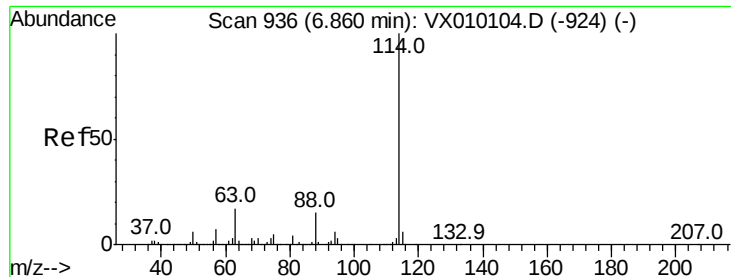
Tot Ion:	84	Resp:	44673
Ion	Ratio	Lower	Upper
84	100		
49	101.2	115.8	173.6#
51	31.3	34.4	51.6#
86	67.3	49.7	74.5



#33
1,2-Dichloroethane-d4
Concen: 45.697 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010321.D
Acq: 17 Jun 2019 13:59

Tgt Ion:	65	Resp:	148561
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010321.D

Acq: 17 Jun 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

JC-02-061419-D

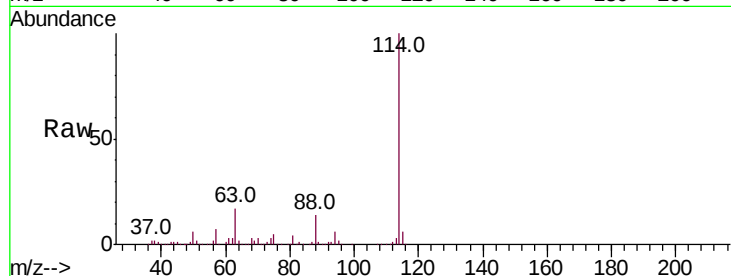
Tot Ion:114 Resp: 497802

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

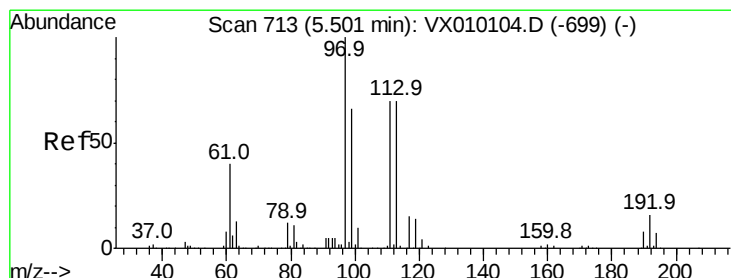
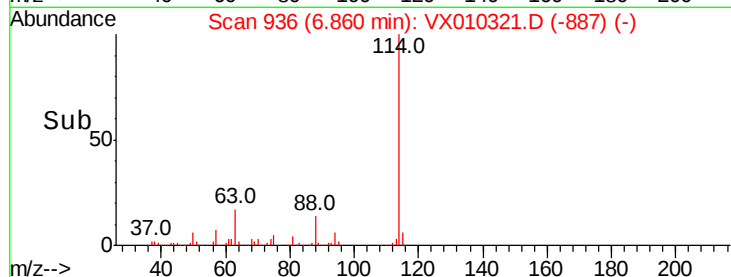
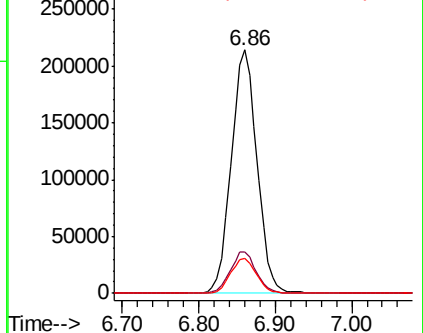
88 14.2 0.0 33.0



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: 49.726 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010321.D

Acq: 17 Jun 2019 13:59

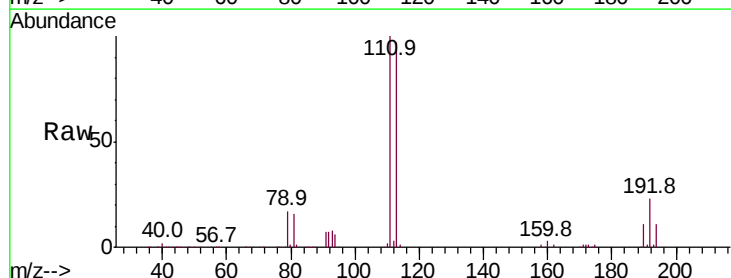
Tgt Ion:113 Resp: 152688

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

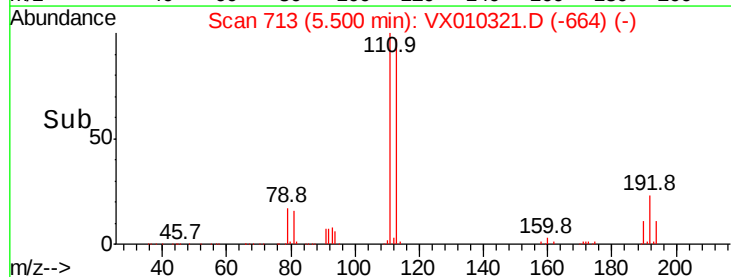
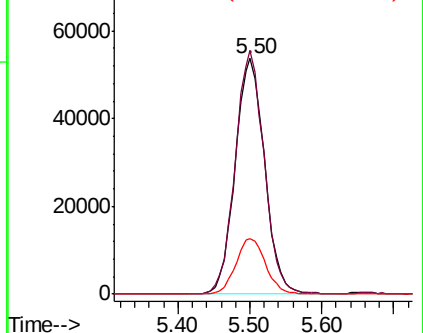
192 23.8 17.1 25.7

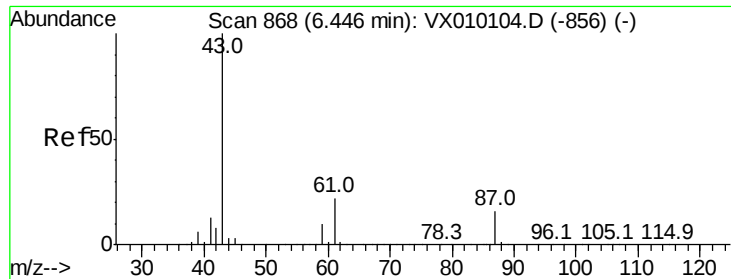


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.738 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010321.D

Acq: 17 Jun 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

JC-02-061419-D

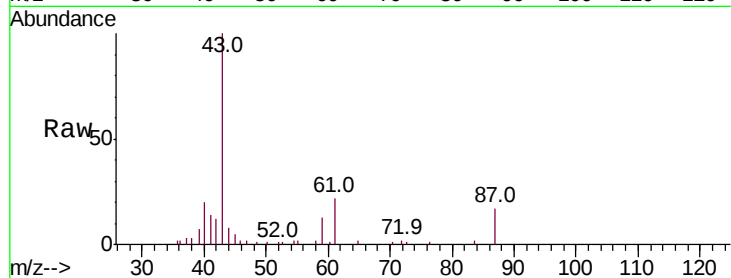
Tot Ion: 43 Resp: 12276

Ion Ratio Lower Upper

43 100

61 25.4 14.6 21.8#

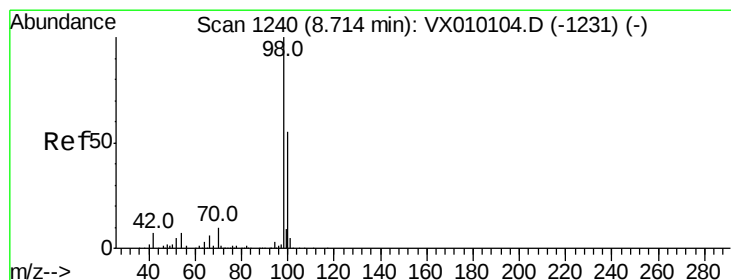
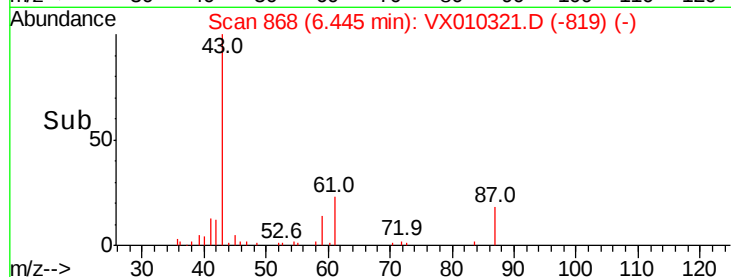
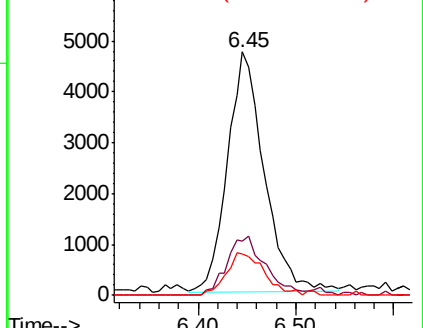
87 18.2 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.515 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010321.D

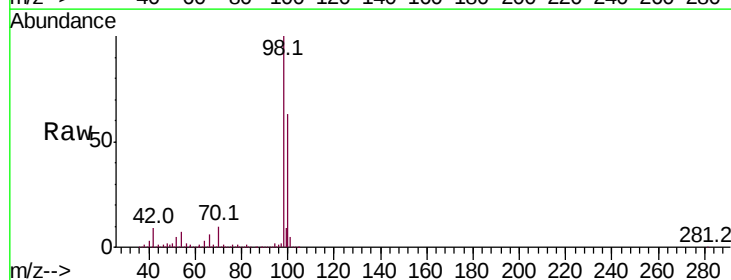
Acq: 17 Jun 2019 13:59

Tgt Ion: 98 Resp: 592838

Ion Ratio Lower Upper

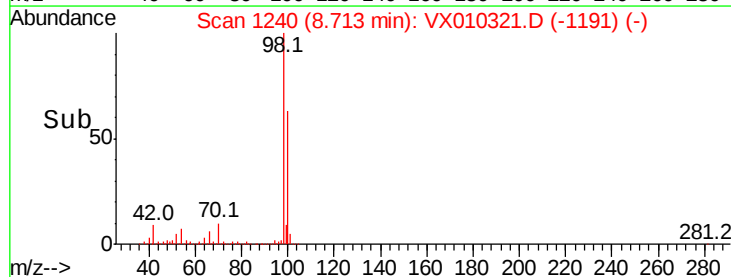
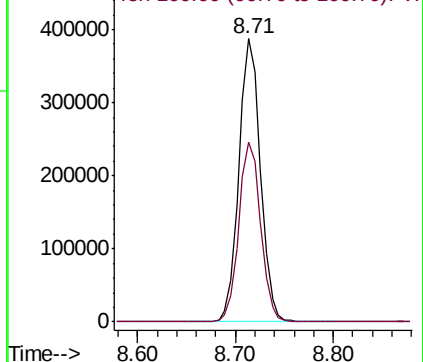
98 100

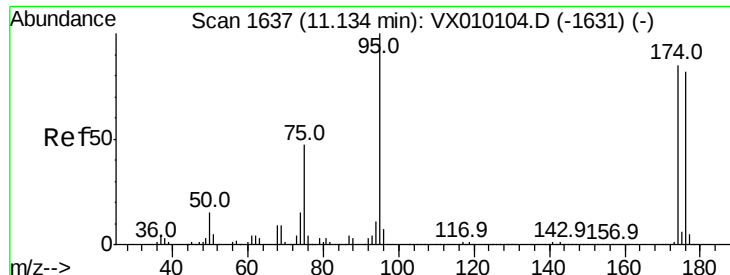
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.478 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010321.D

Acq: 17 Jun 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

JC-02-061419-D

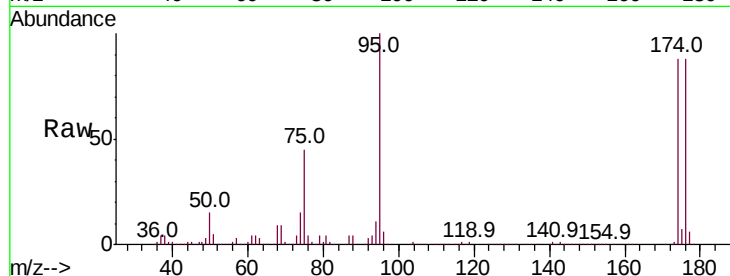
Tot Ion: 95 Resp: 199753

Ion Ratio Lower Upper

95 100

174 95.5 0.0 160.4

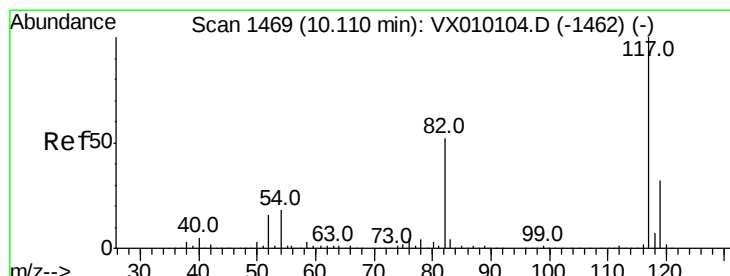
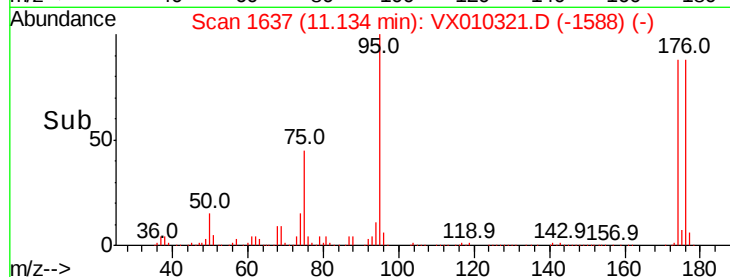
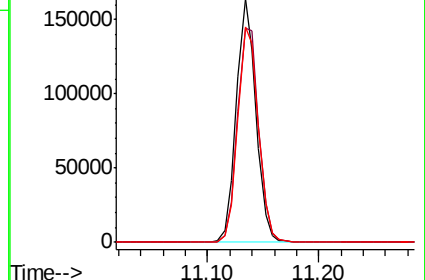
176 93.3 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010321.D

Acq: 17 Jun 2019 13:59

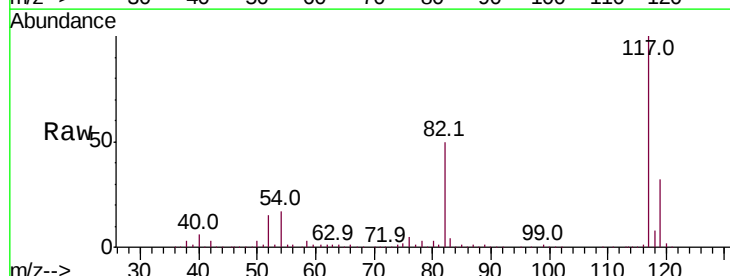
Tgt Ion: 117 Resp: 453906

Ion Ratio Lower Upper

117 100

82 50.4 49.2 73.8

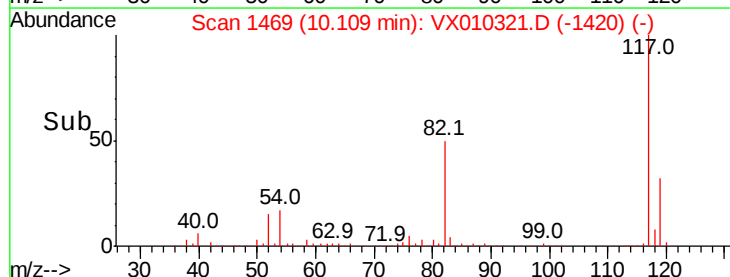
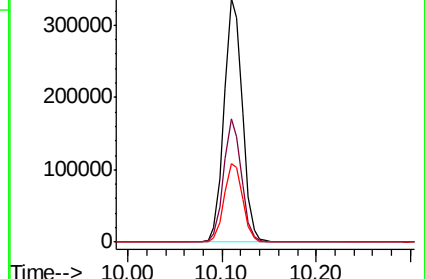
119 32.0 25.2 37.8

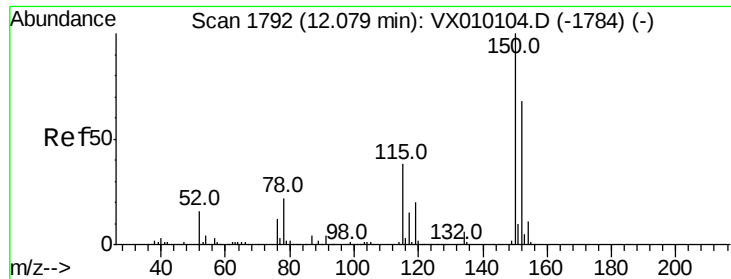


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010321.D

Acq: 17 Jun 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

JC-02-061419-D

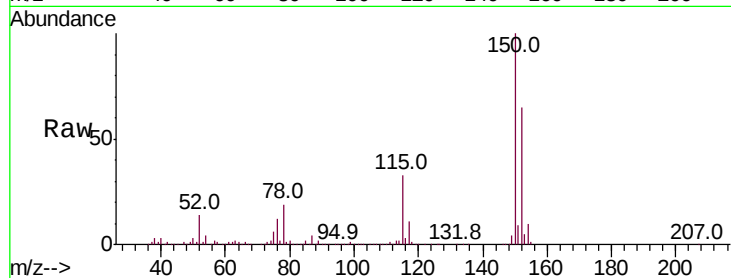
Tot Ion:152 Resp: 213245

Ion Ratio Lower Upper

152 100

115 53.4 41.4 124.2

150 156.3 0.0 345.2



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

