

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010323.D
 Acq On : 17 Jun 2019 14:45
 Operator : JC/SP
 Sample : K3154-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 18 02:16:50 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

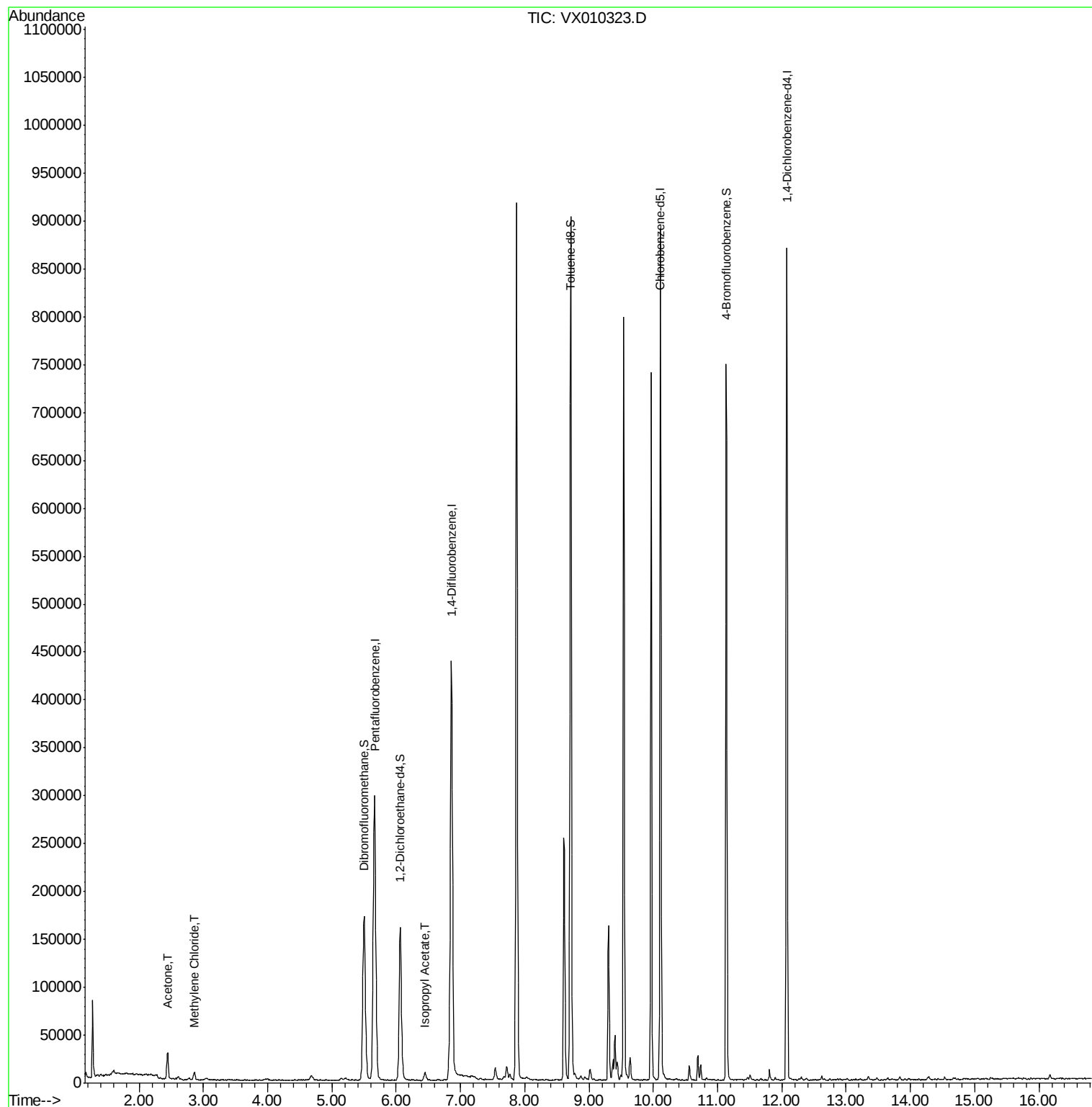
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	433768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143268	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	5.50	113	147184	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	8.71	98	568815	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.13	95	189638	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
16) Acetone	2.45	43	30141	20.713	ug/l #	87
20) Methylene Chloride	2.85	84	3880	1.214	ug/l #	72
43) Isopropyl Acetate	6.45	43	11360	1.672	ug/l #	90

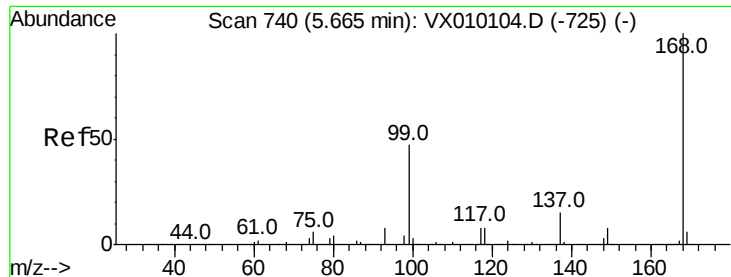
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010323.D

Acq: 17 Jun 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

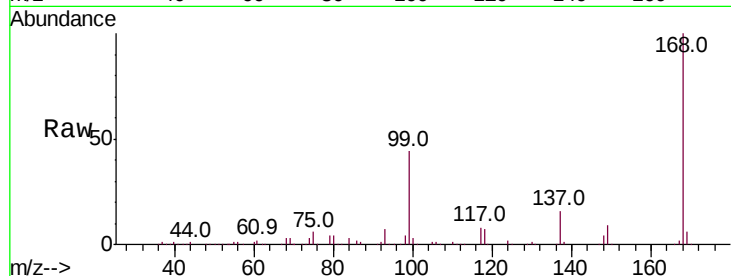
JC-02-061419-F

Tot Ion:168 Resp: 316956

Ion Ratio Lower Upper

168 100

99 43.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX010104.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX010104.D (-725) (-)

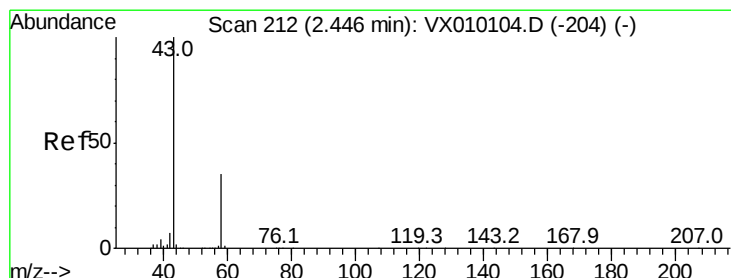
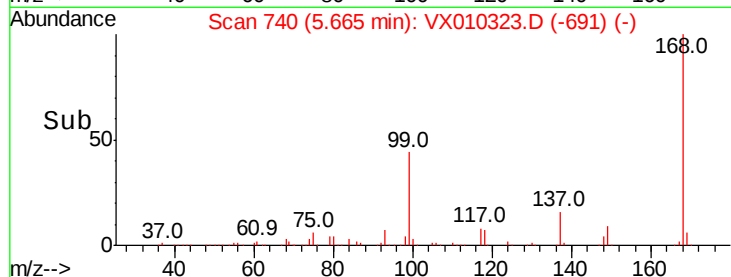
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 20.713 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010323.D

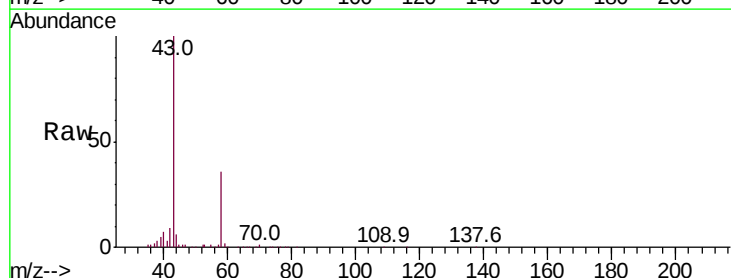
Acq: 17 Jun 2019 14:45

Tgt Ion: 43 Resp: 30141

Ion Ratio Lower Upper

43 100

58 35.7 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX010104.D (-204) (-)

Ion 58.00 (57.70 to 58.70): VX010104.D (-204) (-)

2.45

20000

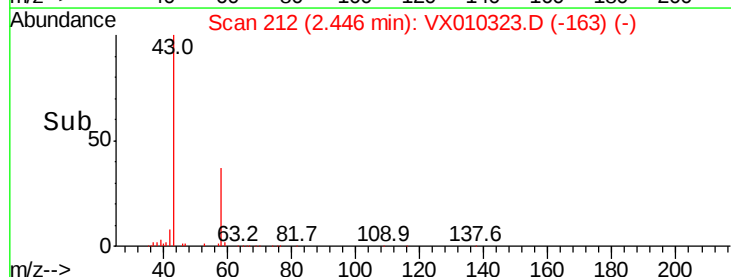
15000

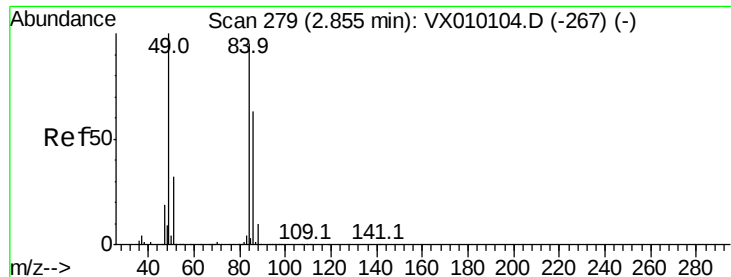
10000

5000

0

Time-->

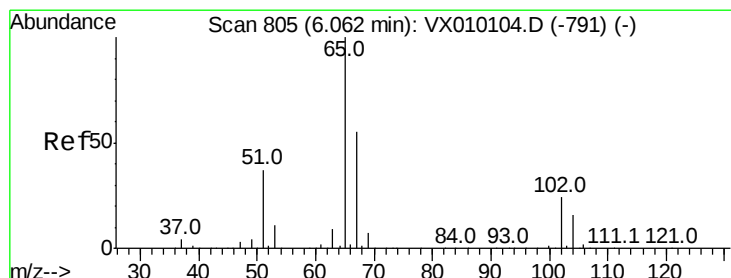
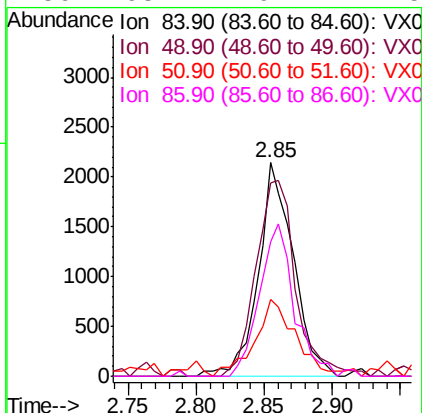
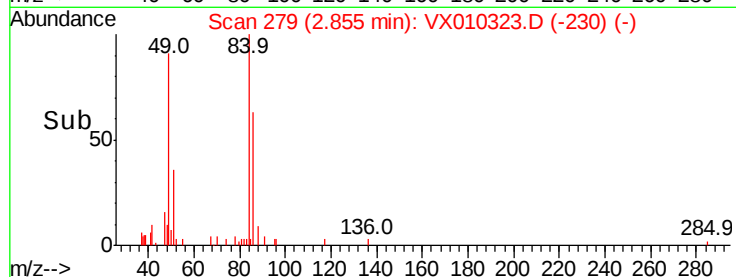
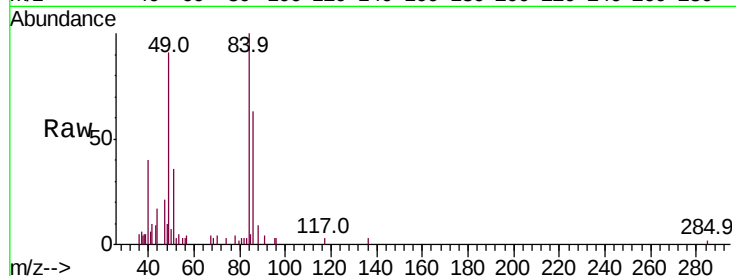




#20
Methvlene Chloride
Concen: 1.214 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010323.D
Acq: 17 Jun 2019 14:45

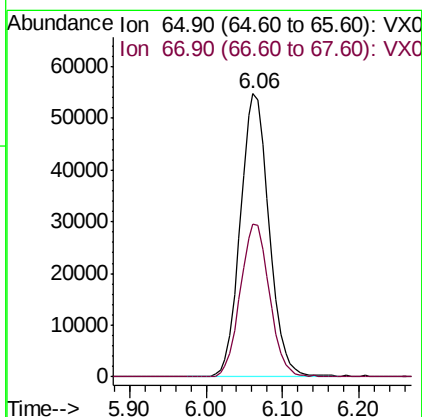
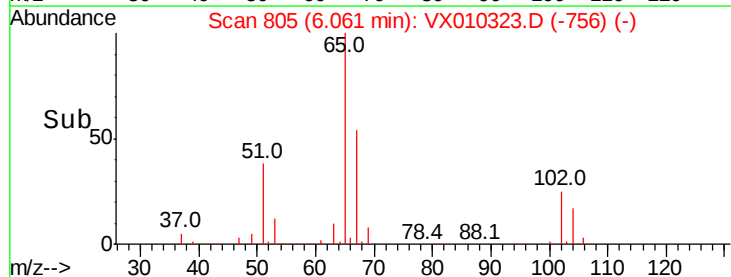
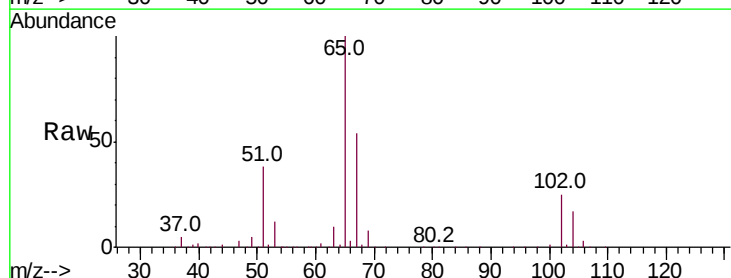
Instrument :
MSVOA_X
ClientSampleId :
JC-02-061419-F

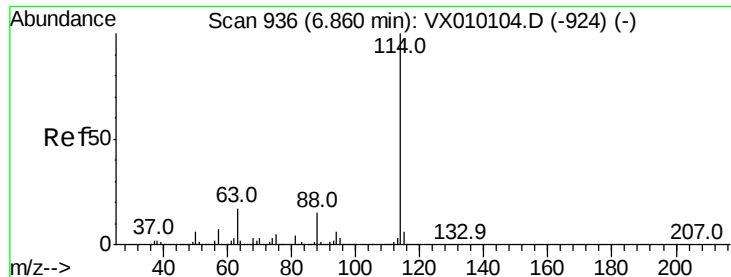
Tot Ion: 84 Resp: 3880
Ion Ratio Lower Upper
84 100
49 90.6 115.8 173.6#
51 33.3 34.4 51.6#
86 63.2 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 46.307 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010323.D
Acq: 17 Jun 2019 14:45

Tgt Ion: 65 Resp: 143268
Ion Ratio Lower Upper
65 100
67 54.9 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: VX010323.D

Acq: 17 Jun 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

JC-02-061419-F

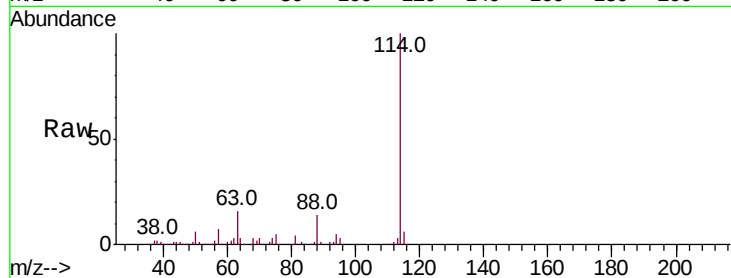
Tot Ion:114 Resp: 478683

Ion Ratio Lower Upper

114 100

63 16.4 0.0 47.4

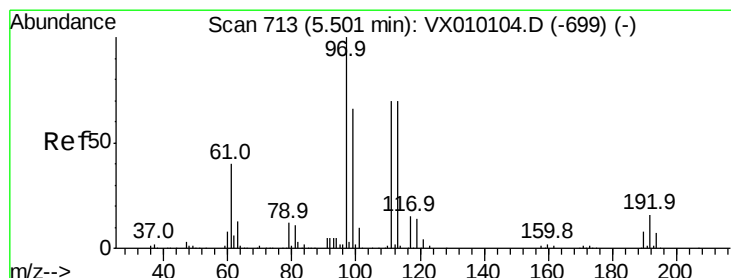
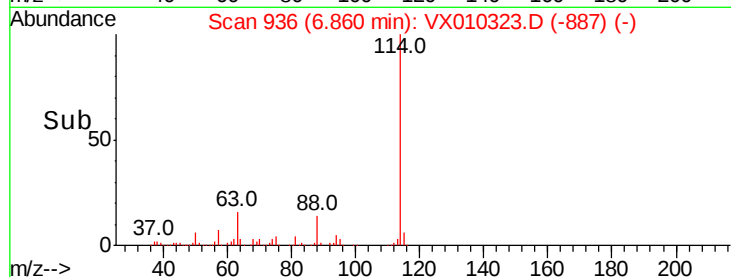
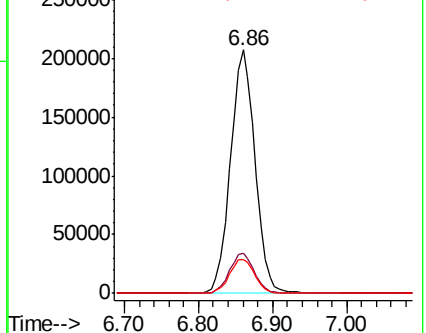
88 13.8 0.0 33.0



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: 49.848 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010323.D

Acq: 17 Jun 2019 14:45

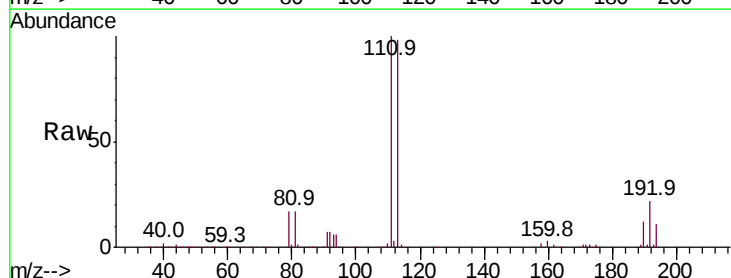
Tgt Ion:113 Resp: 147184

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.2

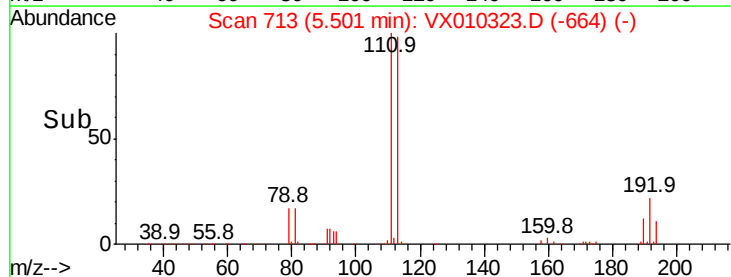
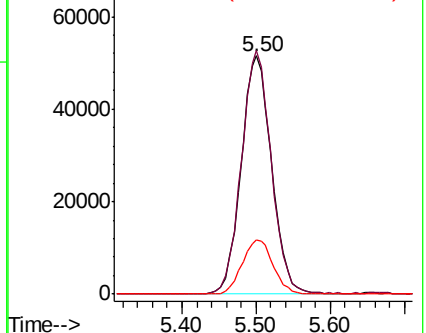
192 23.2 17.1 25.7

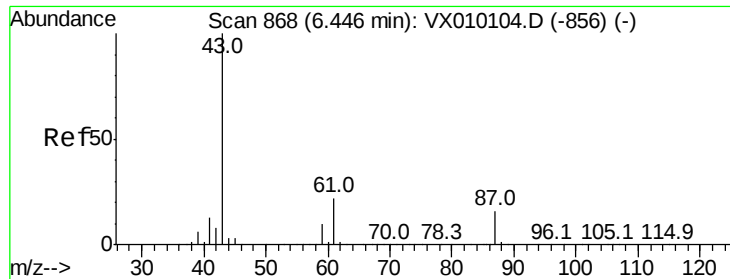


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.672 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010323.D

Acq: 17 Jun 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

JC-02-061419-F

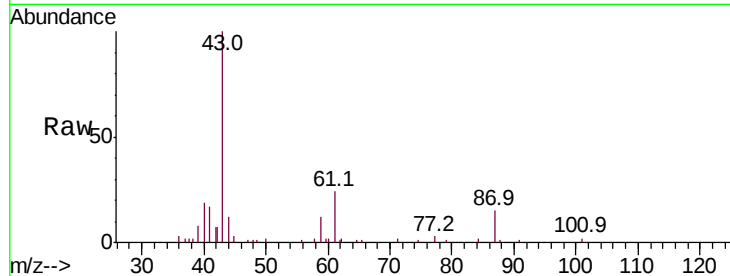
Tot Ion: 43 Resp: 11360

Ion Ratio Lower Upper

43 100

61 21.8 14.6 21.8

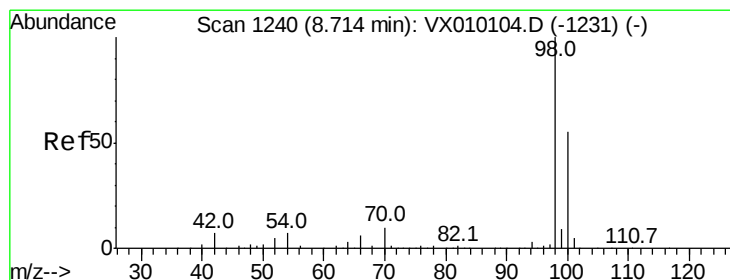
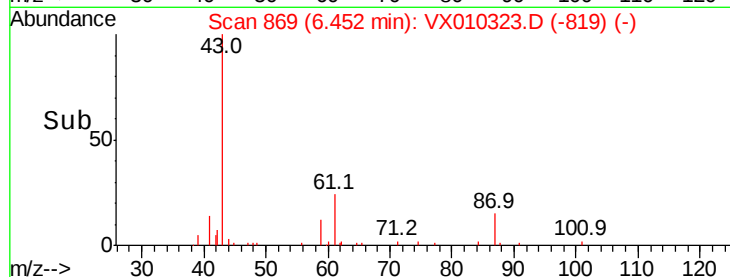
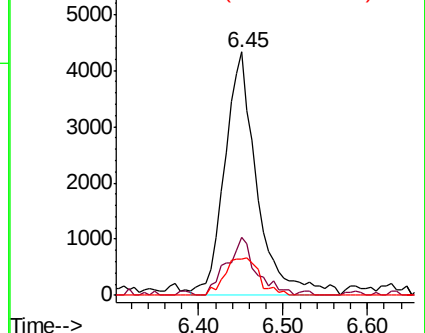
87 16.3 8.7 13.1#



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: 51.402 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010323.D

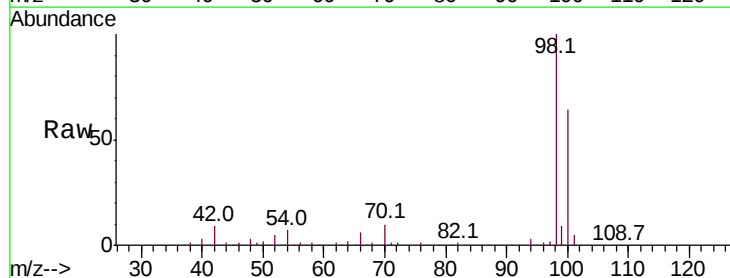
Acq: 17 Jun 2019 14:45

Tgt Ion: 98 Resp: 568815

Ion Ratio Lower Upper

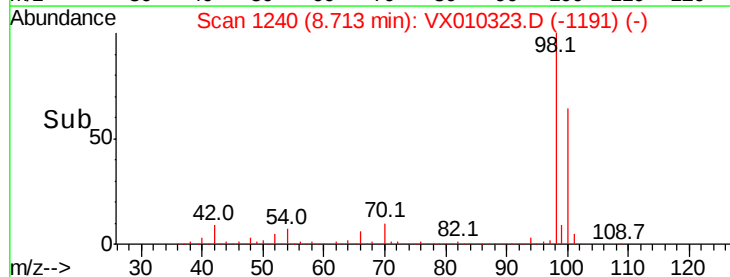
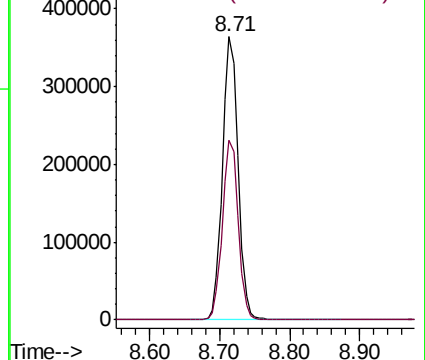
98 100

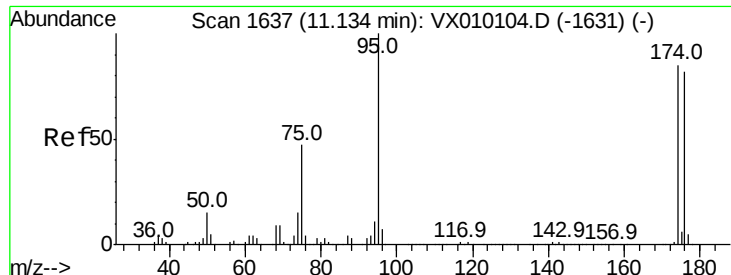
100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.887 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010323.D

Acq: 17 Jun 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

JC-02-061419-F

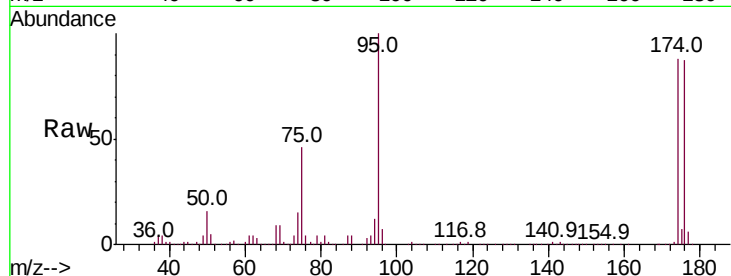
Tot Ion: 95 Resp: 189638

Ion Ratio Lower Upper

95 100

174 94.8 0.0 160.4

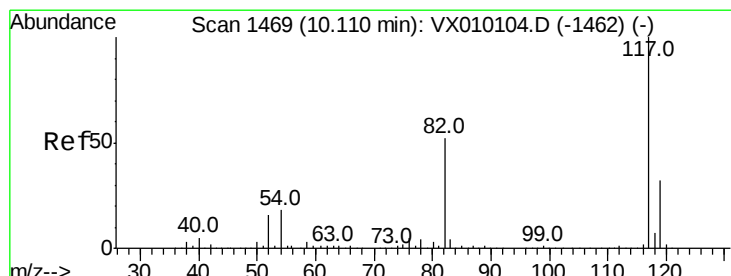
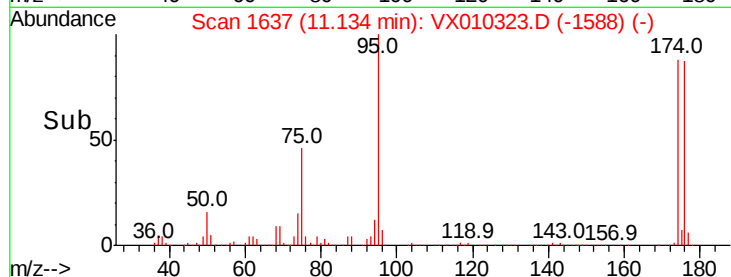
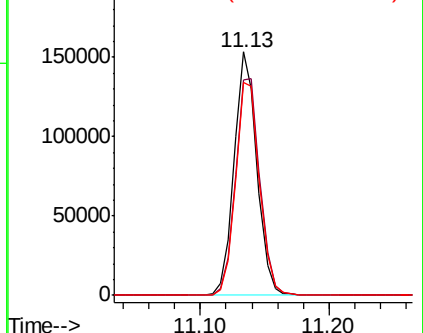
176 91.7 0.0 154.6



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: VX010323.D

Acq: 17 Jun 2019 14:45

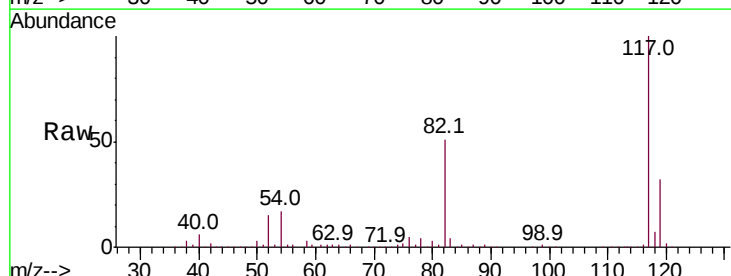
Tgt Ion: 117 Resp: 433768

Ion Ratio Lower Upper

117 100

82 50.7 49.2 73.8

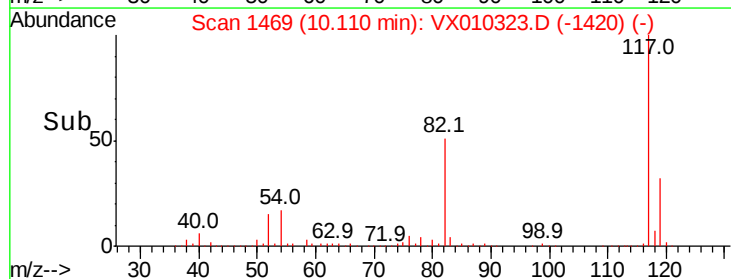
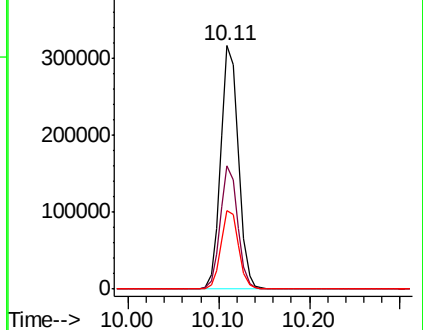
119 32.0 25.2 37.8

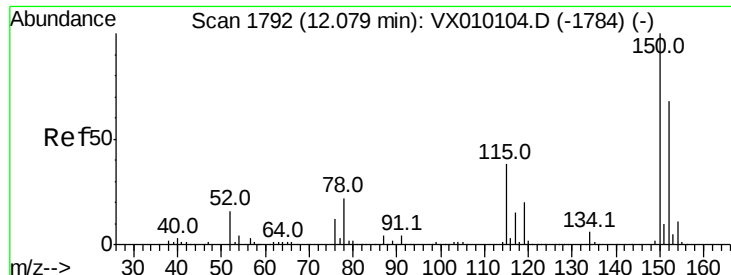


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

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

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

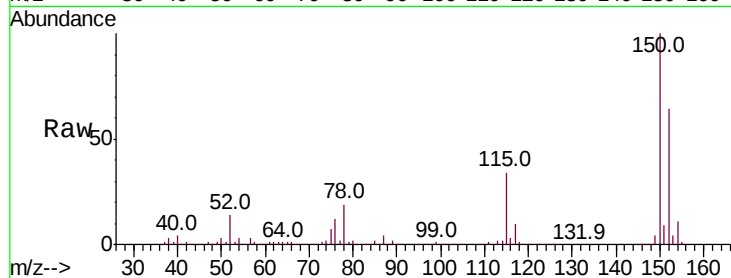




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010323.D
 Acq: 17 Jun 2019 14:45

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.3	41.4	124.2
150	155.0	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

