

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010213.D
 Acq On : 11 Jun 2019 06:10
 Operator : JC/SP
 Sample : K3163-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-060719-A

Quant Time: Jun 11 08:55:16 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

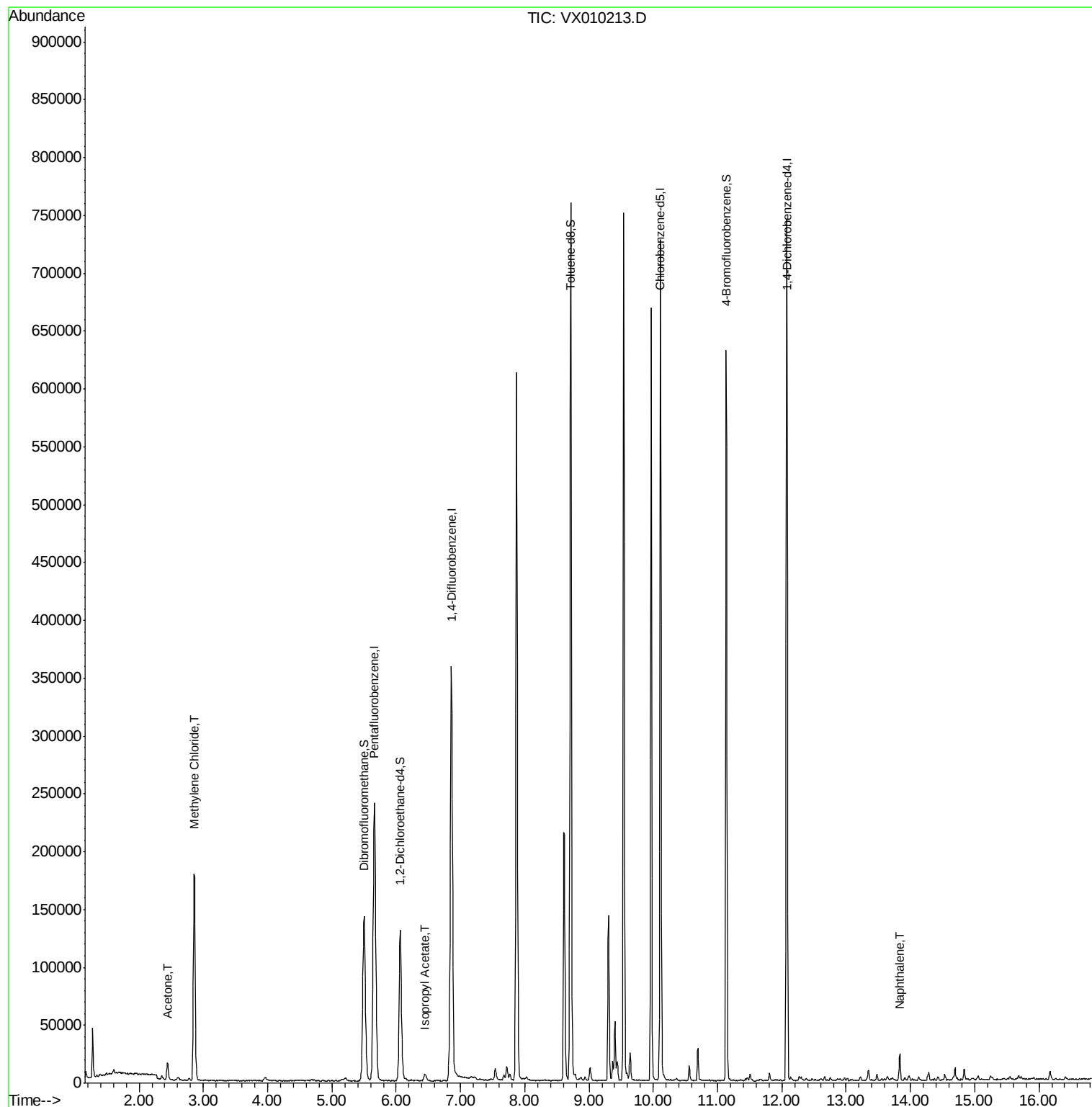
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	361973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117905	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
35) Dibromofluoromethane	5.50	113	121932	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	463342	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	160568	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	15947	13.246	ug/l #	88
20) Methylene Chloride	2.85	84	91496	34.605	ug/l #	78
43) Isopropyl Acetate	6.45	43	8069	1.434	ug/l #	81
95) Naphthalene	13.83	128	15191	1.190	ug/l	99

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

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Quant Title : SW846 8260
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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: VX010213.D

Acq: 11 Jun 2019 06:10

Instrument :

MSVOA_X

ClientSampleId :

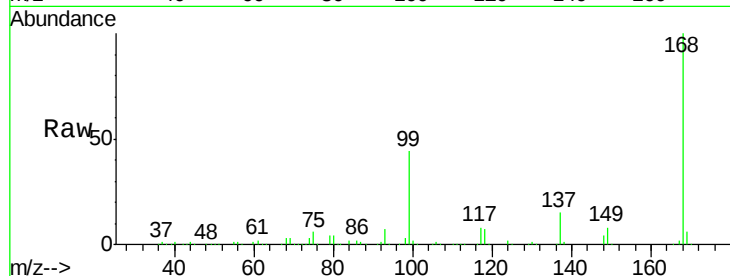
SU-04-060719-A

Tot Ion:168 Resp: 262236

Ion Ratio Lower Upper

168 100

99 43.8 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

80000

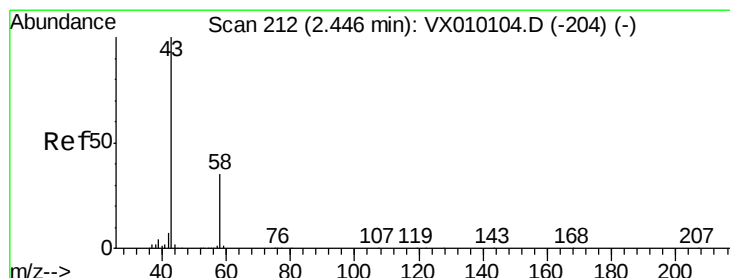
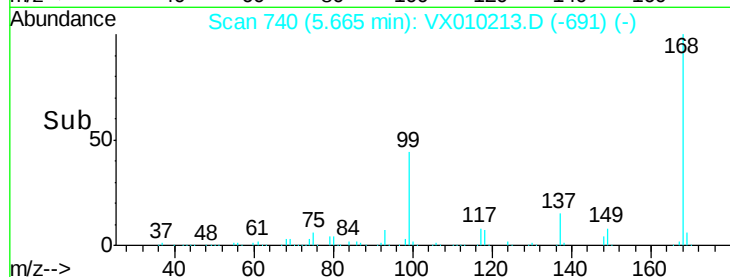
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.246 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010213.D

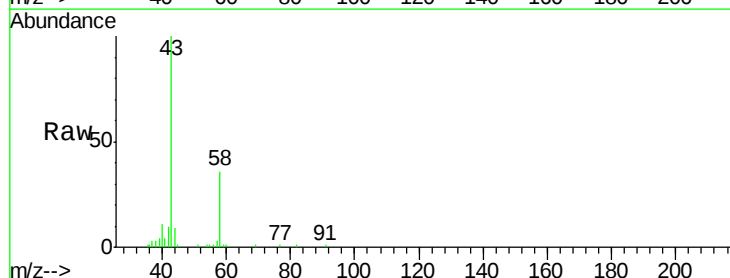
Acq: 11 Jun 2019 06:10

Tgt Ion: 43 Resp: 15947

Ion Ratio Lower Upper

43 100

58 35.6 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

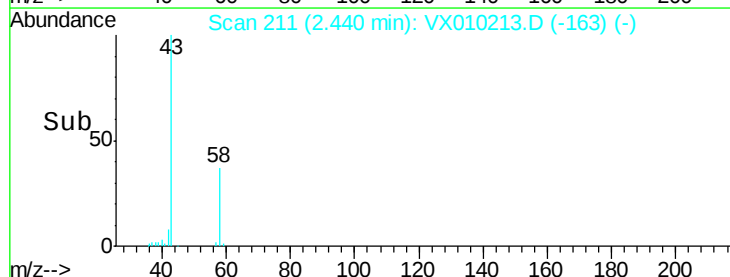
6000

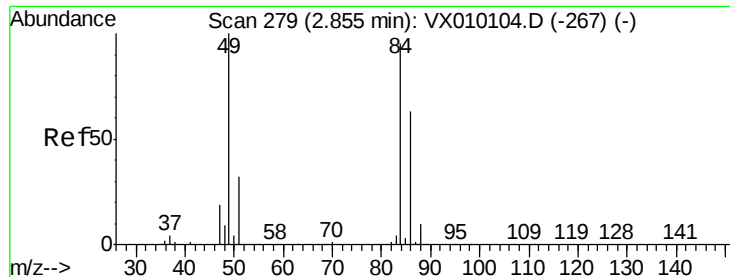
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

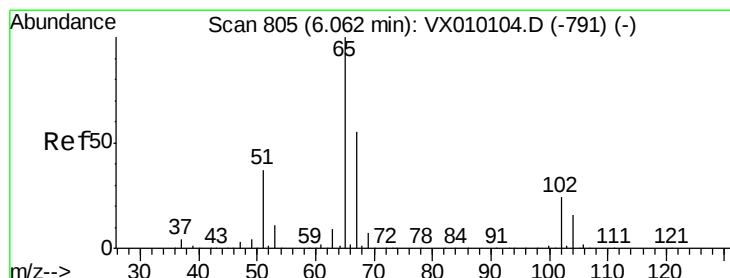
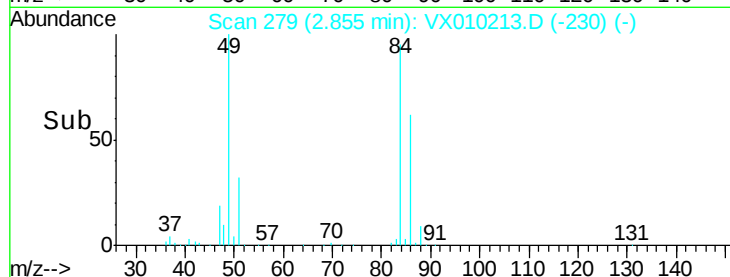
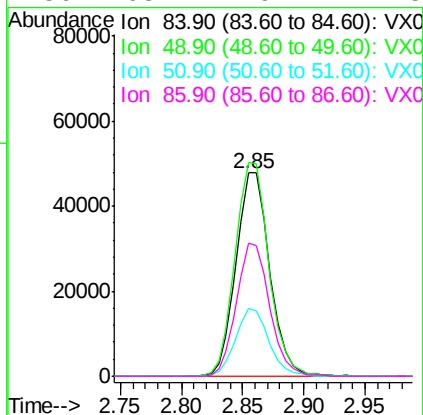
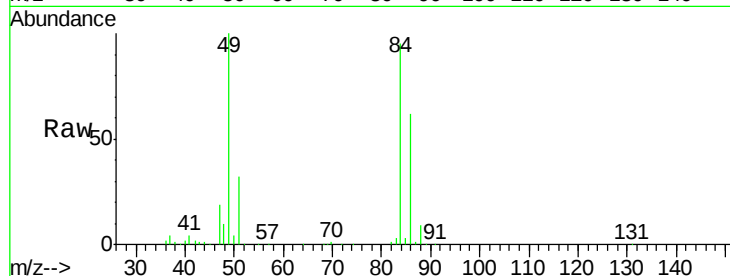




#20
Methvlene Chloride
Concen: 34.605 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

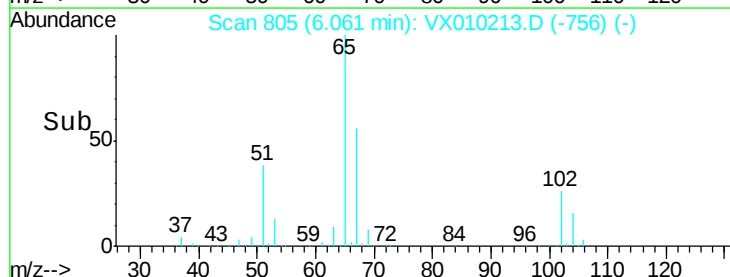
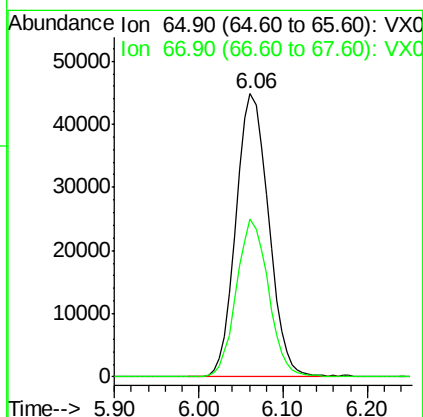
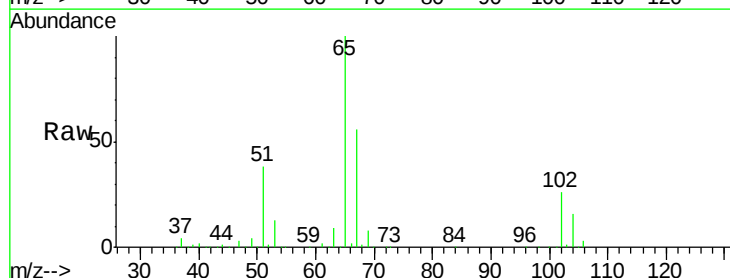
Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

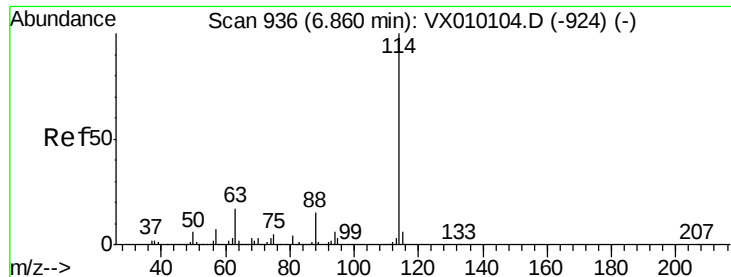
Tot Ion: 84 Resp: 91496
Ion Ratio Lower Upper
84 100
49 105.1 115.8 173.6#
51 33.2 34.4 51.6#
86 65.4 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 46.062 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 65 Resp: 117905
Ion Ratio Lower Upper
65 100
67 54.7 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: VX010213.D

Acq: 11 Jun 2019 06:10

Instrument :

MSVOA_X

ClientSampleId :

SU-04-060719-A

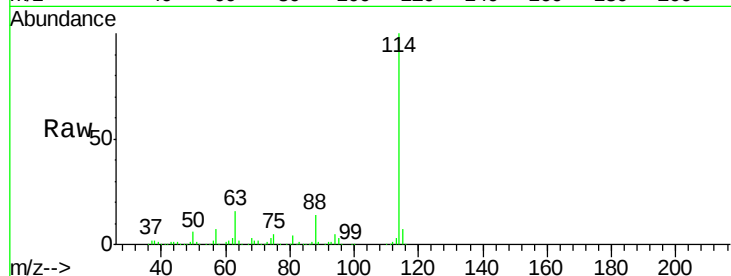
Tot Ion:114 Resp: 396461

Ion Ratio Lower Upper

114 100

63 15.7 0.0 47.4

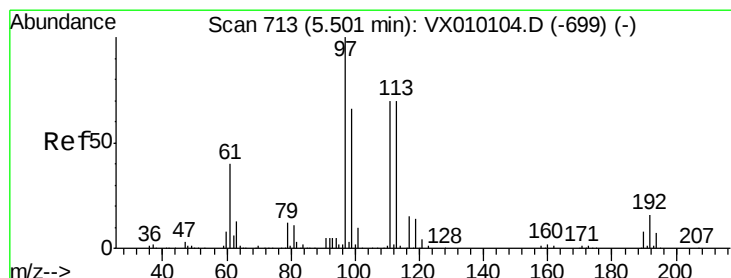
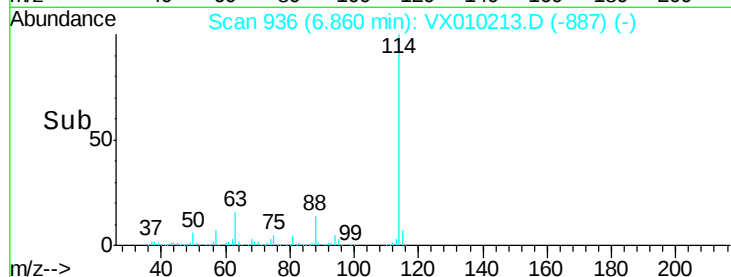
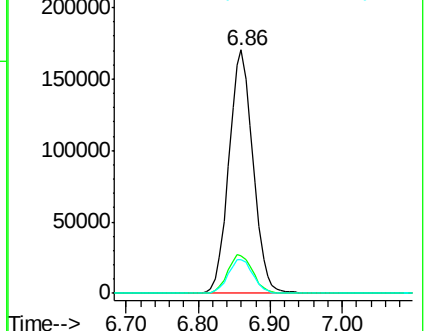
88 14.0 0.0 33.0



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: 49.860 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010213.D

Acq: 11 Jun 2019 06:10

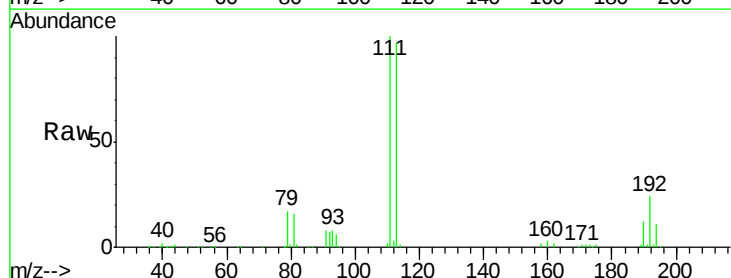
Tgt Ion:113 Resp: 121932

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

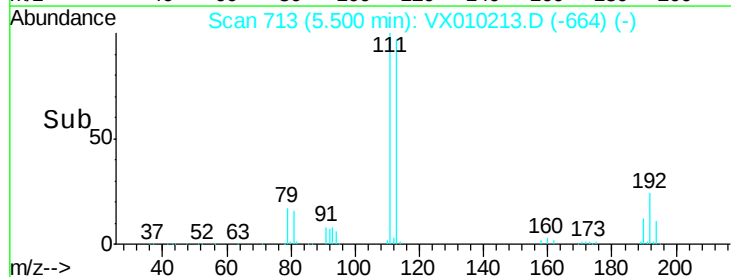
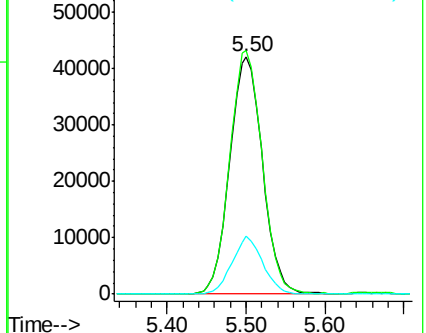
192 22.8 17.1 25.7

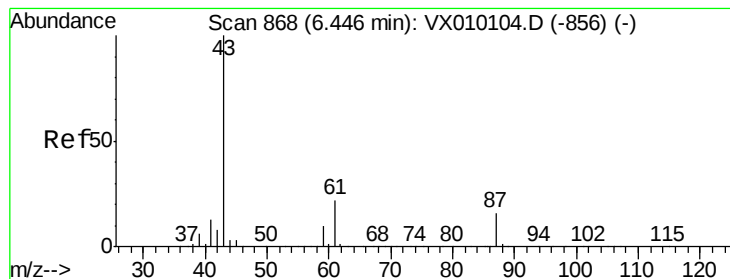


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.434 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010213.D

Acq: 11 Jun 2019 06:10

Instrument :

MSVOA_X

ClientSampleId :

SU-04-060719-A

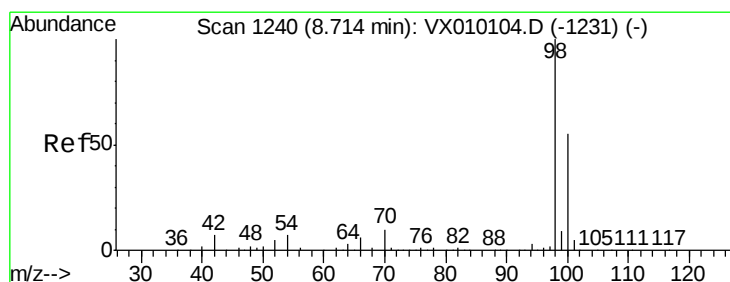
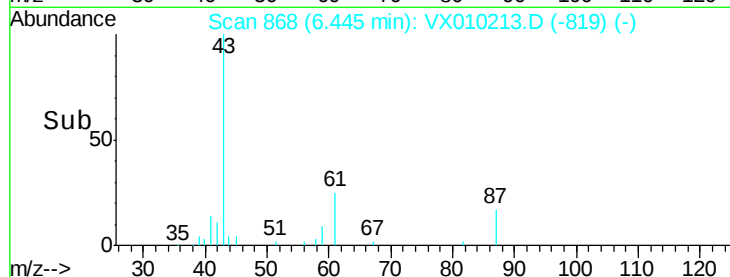
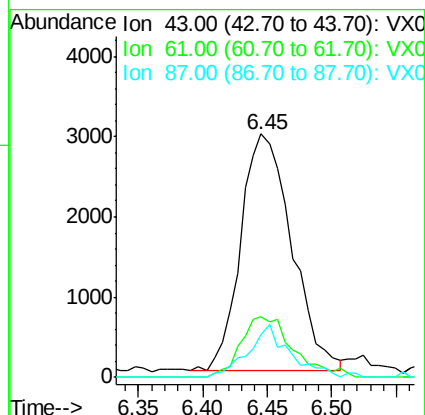
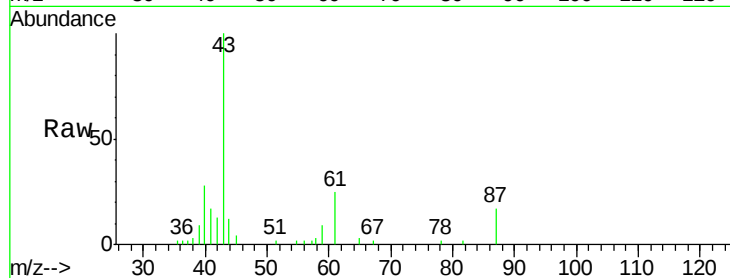
Tot Ion: 43 Resp: 8069

Ion Ratio Lower Upper

43 100

61 26.5 14.6 21.8#

87 18.0 8.7 13.1#



#50

Toluene-d8

Concen: 50.554 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010213.D

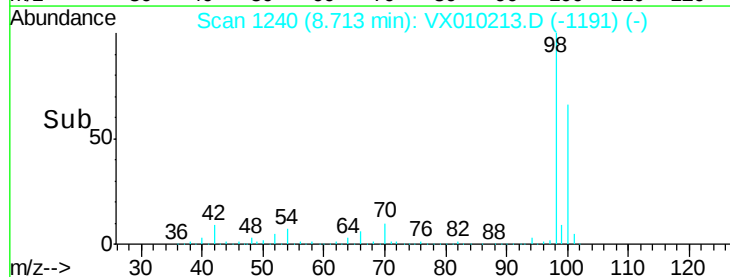
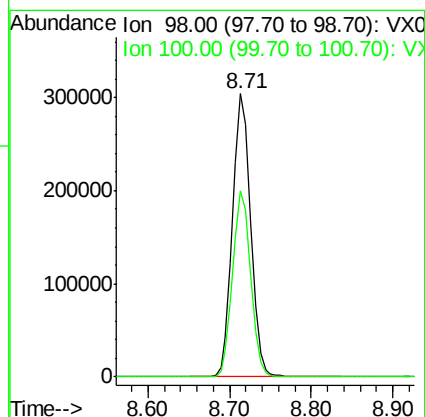
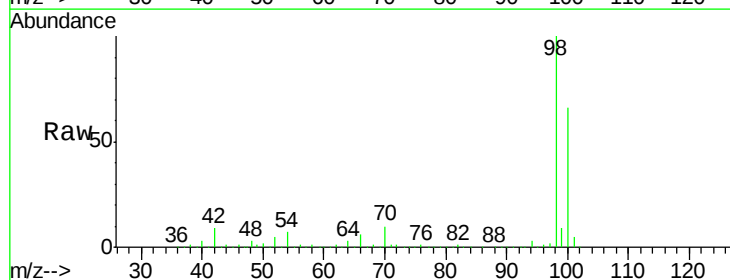
Acq: 11 Jun 2019 06:10

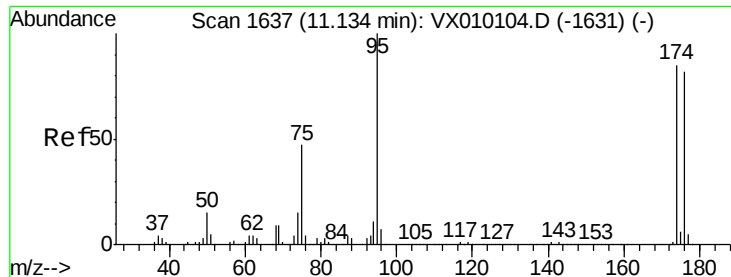
Tgt Ion: 98 Resp: 463342

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.911 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010213.D

Acq: 11 Jun 2019 06:10

Instrument :

MSVOA_X

ClientSampleId :

SU-04-060719-A

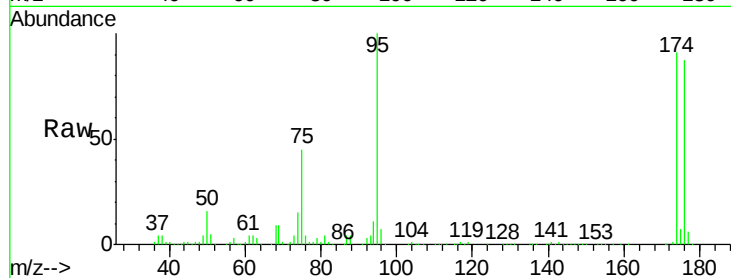
Tot Ion: 95 Resp: 160568

Ion Ratio Lower Upper

95 100

174 94.7 0.0 160.4

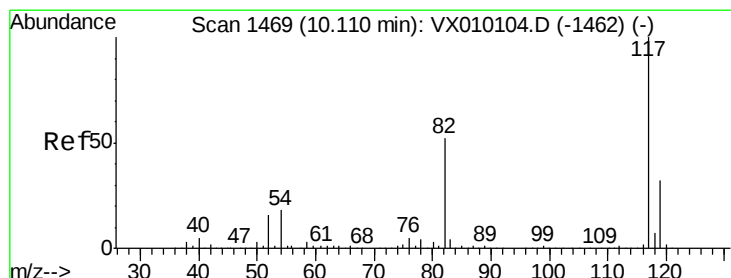
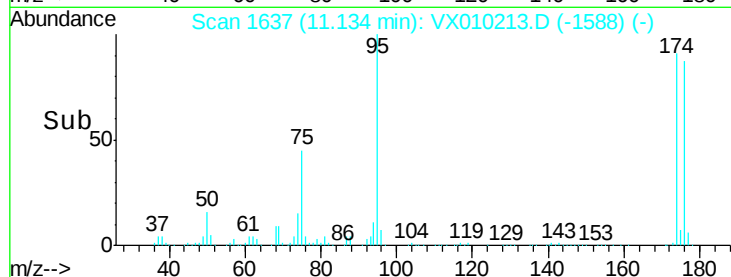
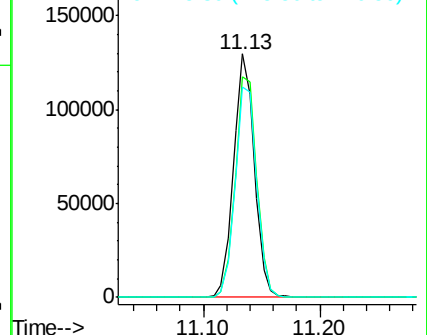
176 90.8 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010213.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010213.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010213.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010213.D

Acq: 11 Jun 2019 06:10

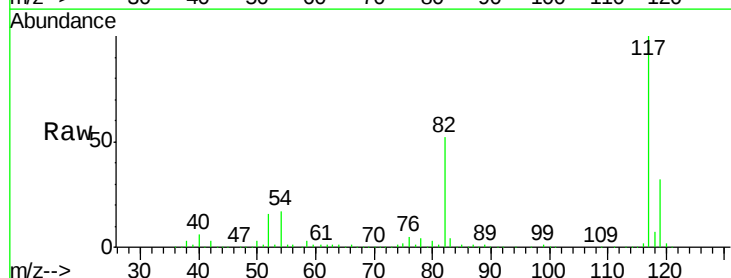
Tgt Ion: 117 Resp: 361973

Ion Ratio Lower Upper

117 100

82 51.6 49.2 73.8

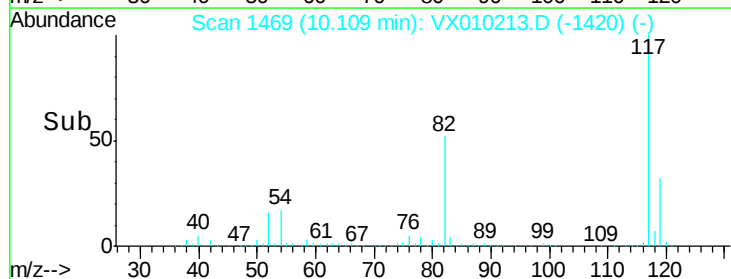
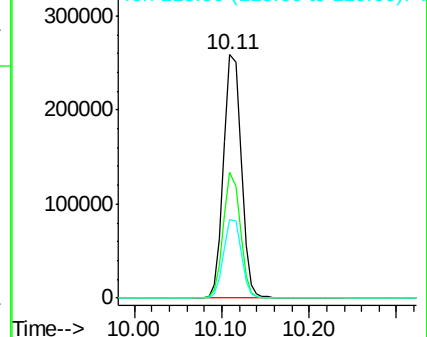
119 32.2 25.2 37.8

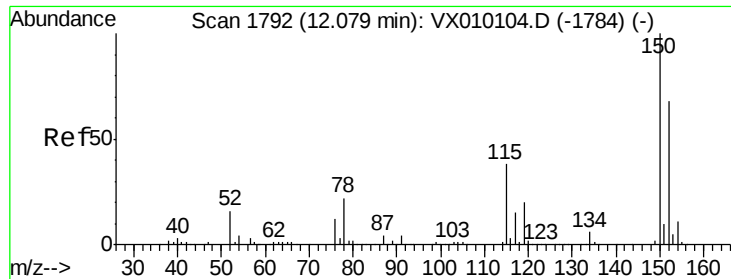


Abundance Ion 116.90 (116.60 to 117.60): VX010213.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010213.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010213.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010213.D

Acq: 11 Jun 2019 06:10

Instrument :

MSVOA_X

ClientSampleId :

SU-04-060719-A

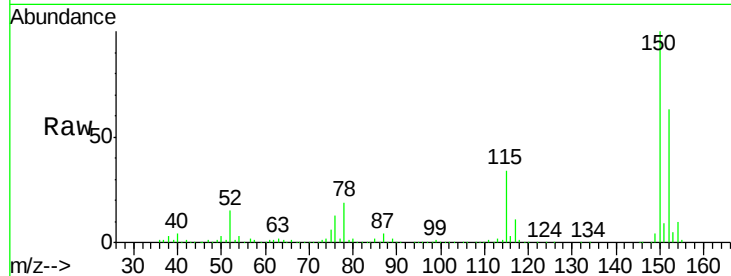
Tot Ion:152 Resp: 168581

Ion Ratio Lower Upper

152 100

115 53.7 41.4 124.2

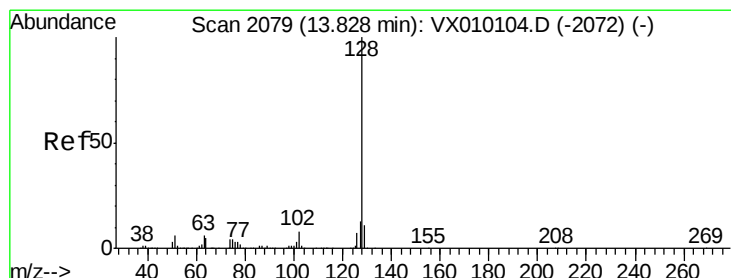
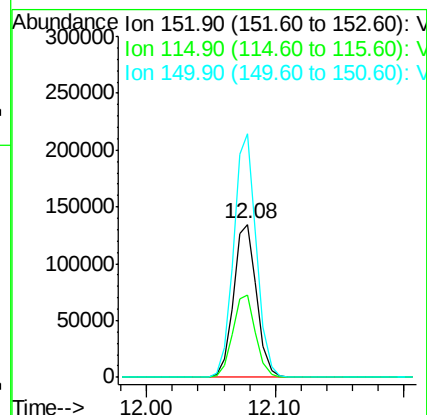
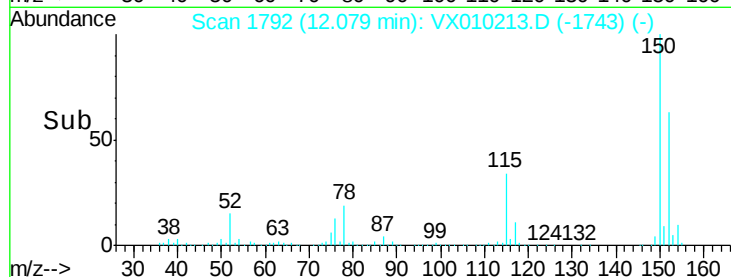
150 157.3 0.0 345.2



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



#95

Naphthalene

Concen: 1.190 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010213.D

Acq: 11 Jun 2019 06:10

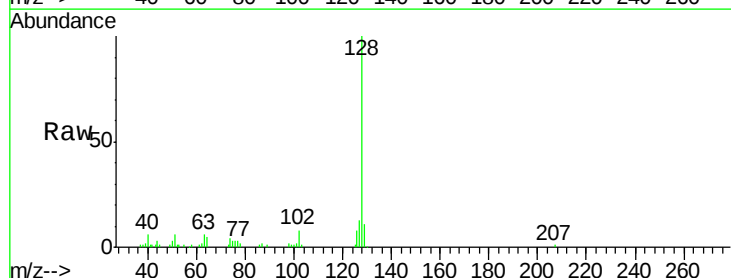
Tgt Ion:128 Resp: 15191

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

