

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010212.D
 Acq On : 11 Jun 2019 05:47
 Operator : JC/SP
 Sample : K3163-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Jun 11 08:50:22 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

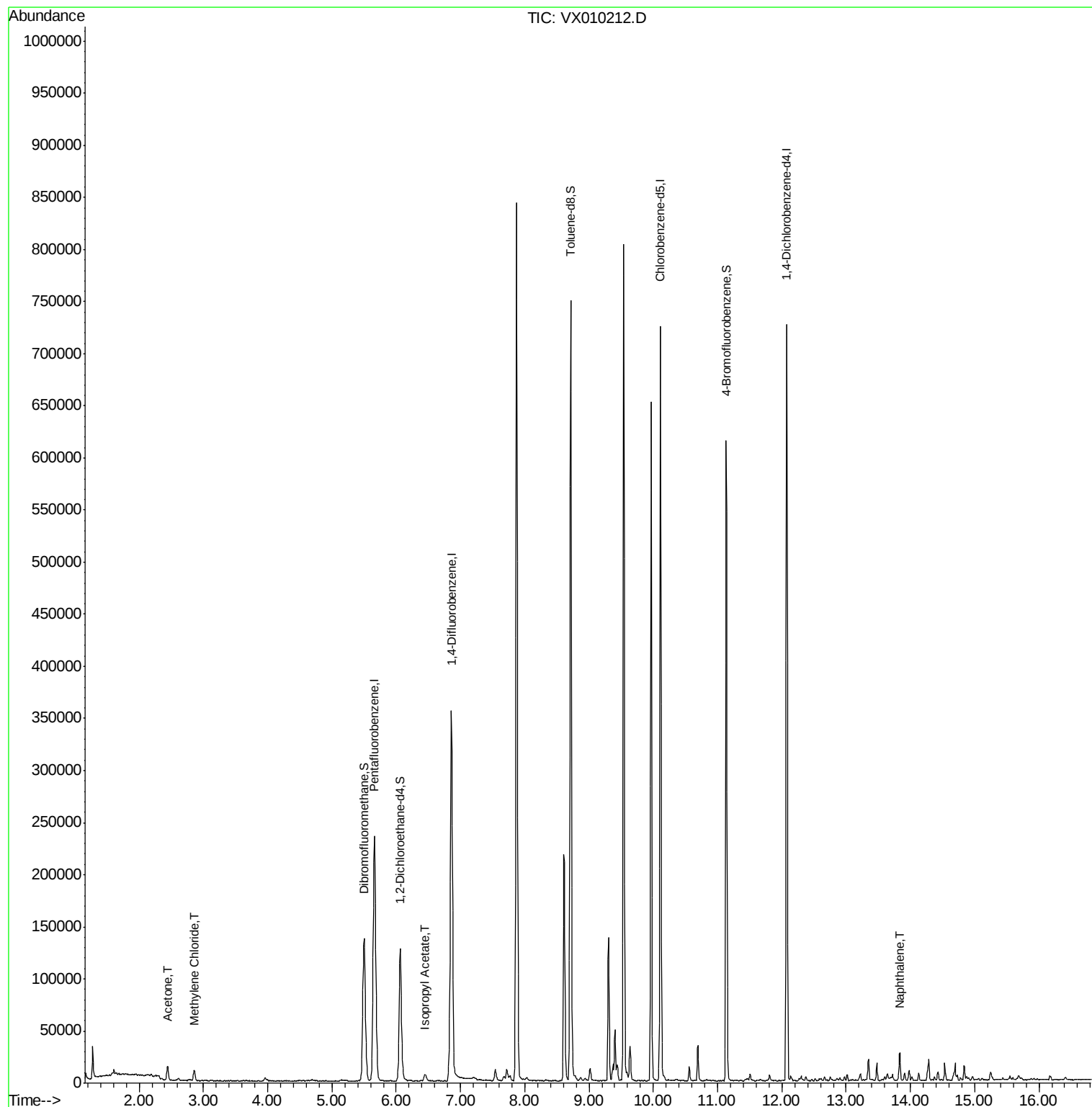
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	254494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113893	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
35) Dibromofluoromethane	5.50	113	118778	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	8.71	98	458530	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	157646	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
16) Acetone	2.44	43	14565	12.466	ug/l	90
20) Methylene Chloride	2.85	84	4931	1.922	ug/l #	75
43) Isopropyl Acetate	6.45	43	9378	1.703	ug/l #	89
95) Naphthalene	13.83	128	17102	1.357	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010212.D

Acq: 11 Jun 2019 05:47

Instrument :

MSVOA_X

ClientSampleId :

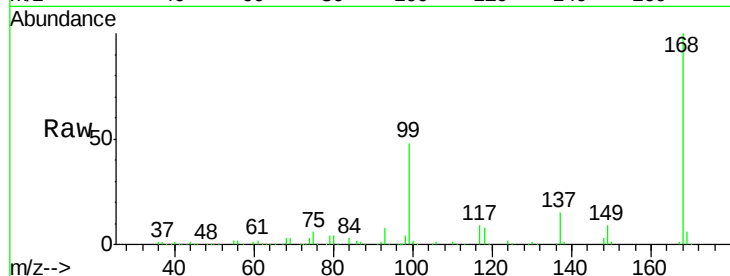
SU-04-060719-B

Tot Ion:168 Resp: 254494

Ion Ratio Lower Upper

168 100

99 48.3 43.0 64.6

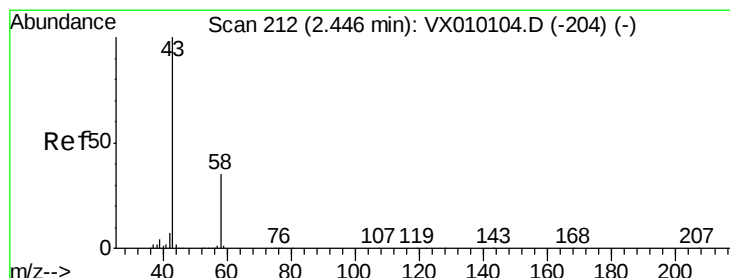
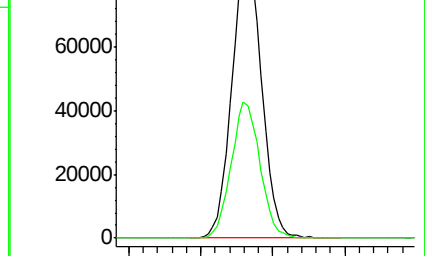
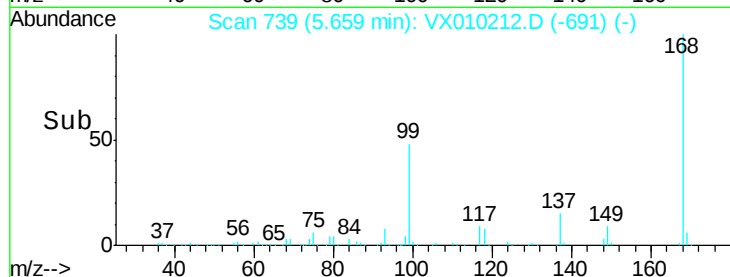


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#16

Acetone

Concen: 12.466 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010212.D

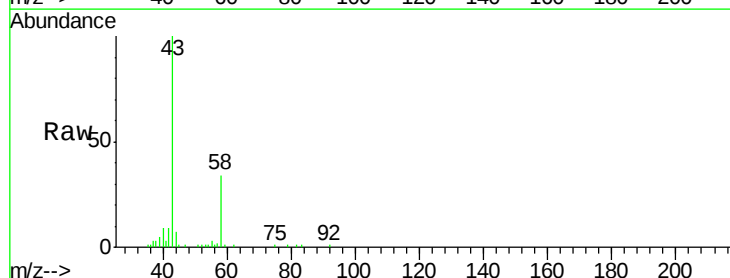
Acq: 11 Jun 2019 05:47

Tgt Ion: 43 Resp: 14565

Ion Ratio Lower Upper

43 100

58 34.2 23.2 34.8

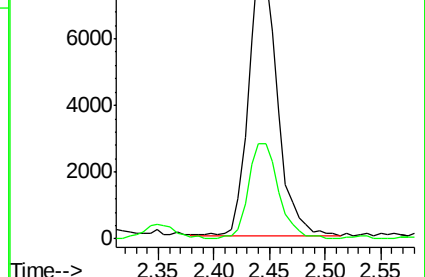
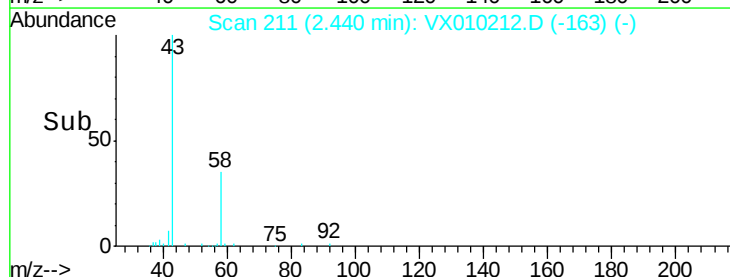


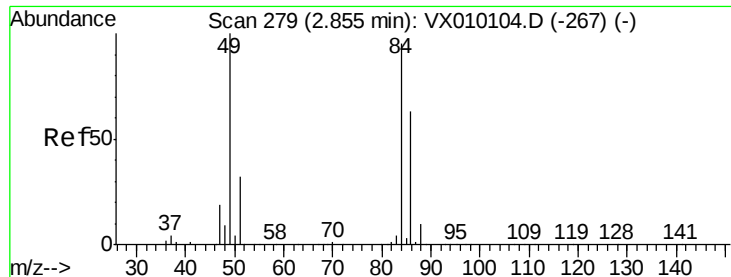
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

Time-->





#20

Methvlene Chloride

Concen: 1.922 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX010212.D

Acq: 11 Jun 2019 05:47

Instrument :

MSVOA_X

ClientSampleId :

SU-04-060719-B

Tot Ion: 84 Resp: 4931

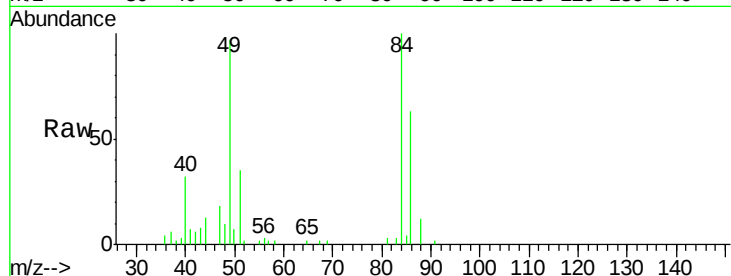
Ion Ratio Lower Upper

84 100

49 96.8 115.8 173.6#

51 32.9 34.4 51.6#

86 62.9 49.7 74.5

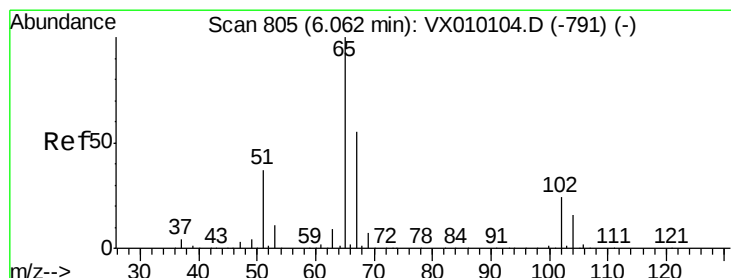
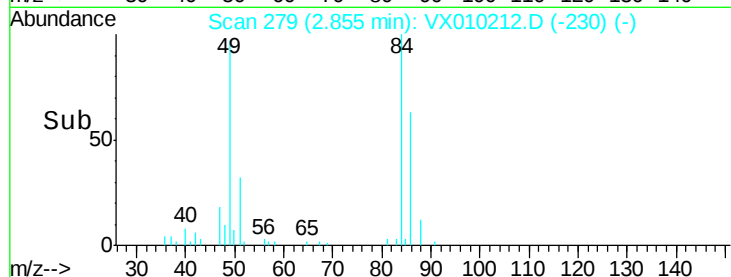
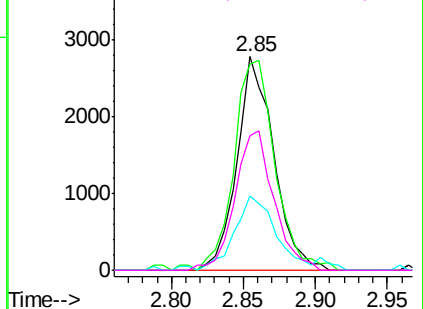


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 45.848 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010212.D

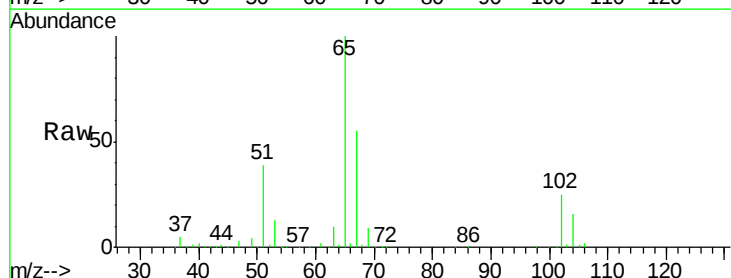
Acq: 11 Jun 2019 05:47

Tgt Ion: 65 Resp: 113893

Ion Ratio Lower Upper

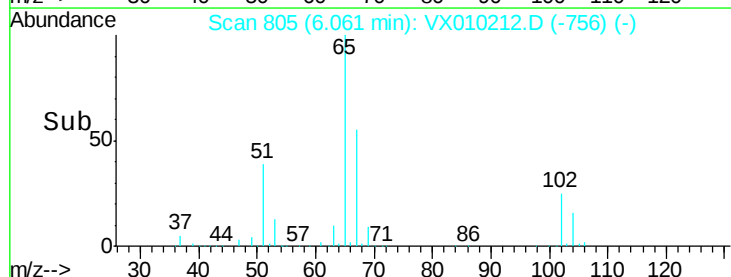
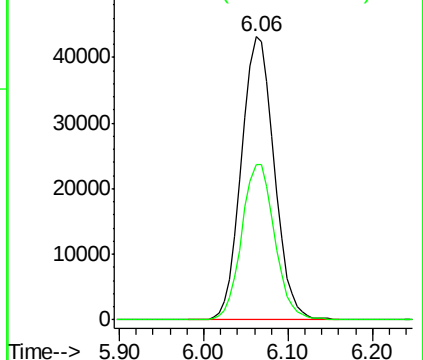
65 100

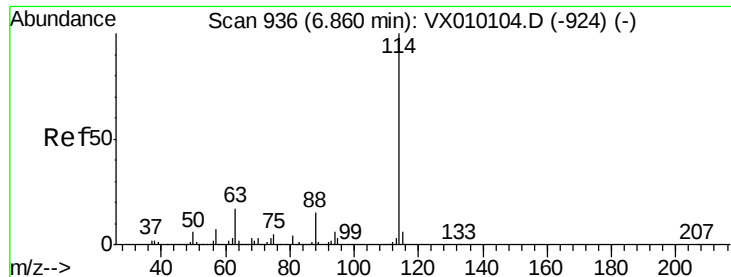
67 55.0 0.0 108.4



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: VX010212.D

Acq: 11 Jun 2019 05:47

Instrument :

MSVOA_X

ClientSampleId :

SU-04-060719-B

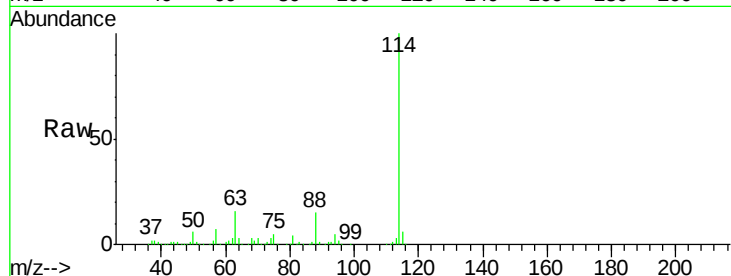
Tot Ion:114 Resp: 387901

Ion Ratio Lower Upper

114 100

63 16.1 0.0 47.4

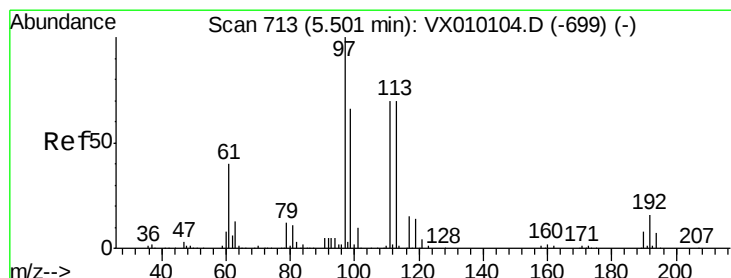
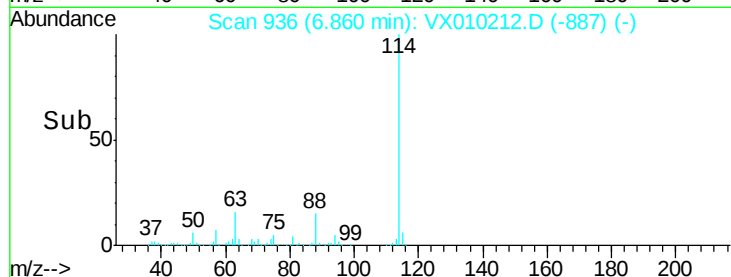
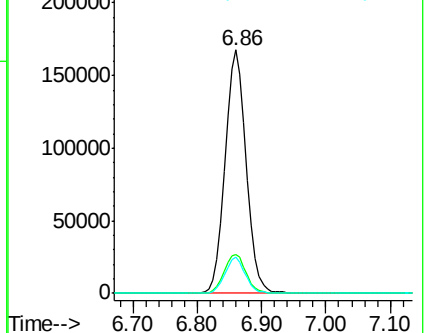
88 14.6 0.0 33.0



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: 49.643 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010212.D

Acq: 11 Jun 2019 05:47

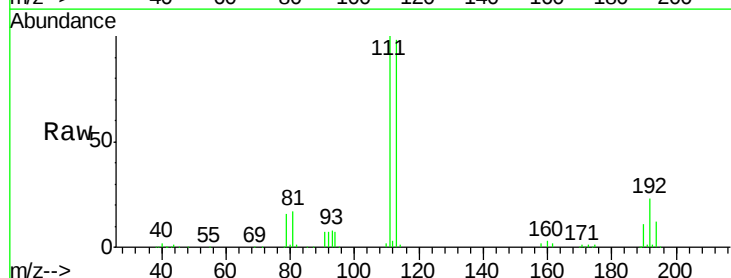
Tgt Ion:113 Resp: 118778

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

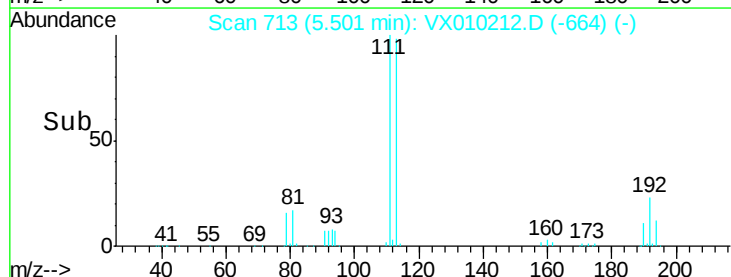
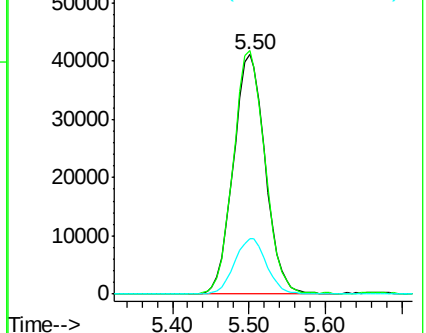
192 23.4 17.1 25.7

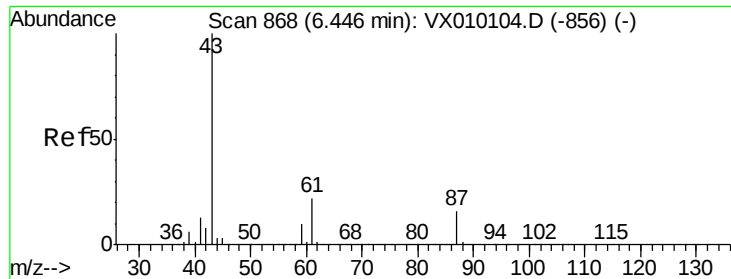


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.703 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010212.D

Acq: 11 Jun 2019 05:47

Instrument :

MSVOA_X

ClientSampleId :

SU-04-060719-B

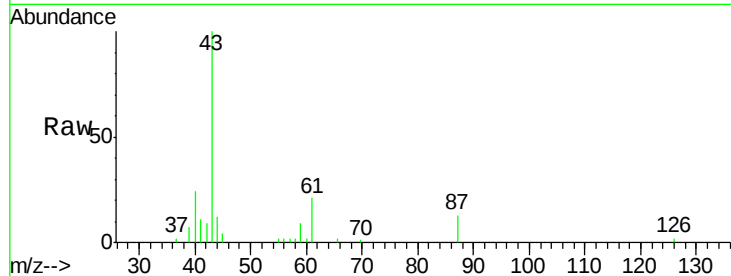
Tot Ion: 43 Resp: 9378

Ion Ratio Lower Upper

43 100

61 22.9 14.6 21.8#

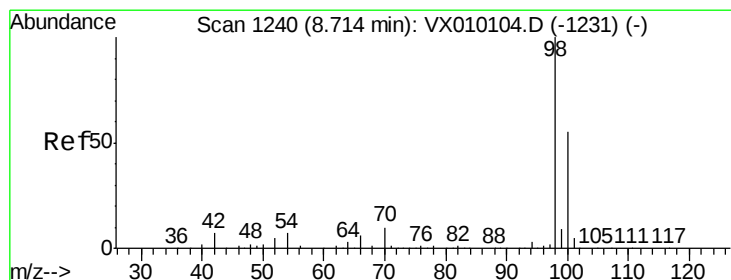
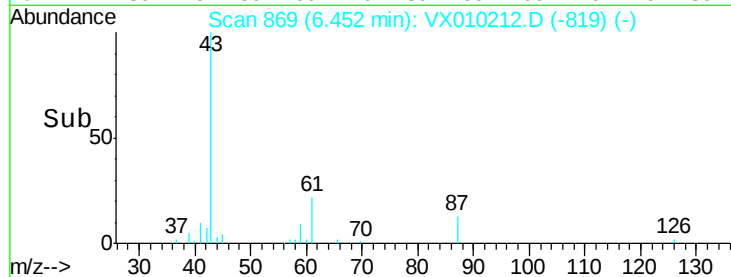
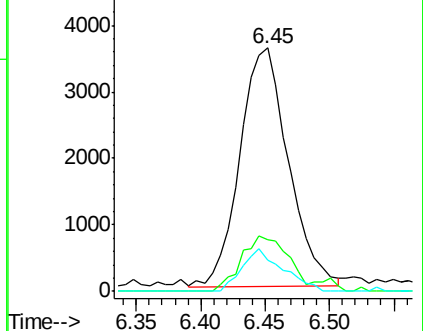
87 15.0 8.7 13.1#



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: 51.133 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010212.D

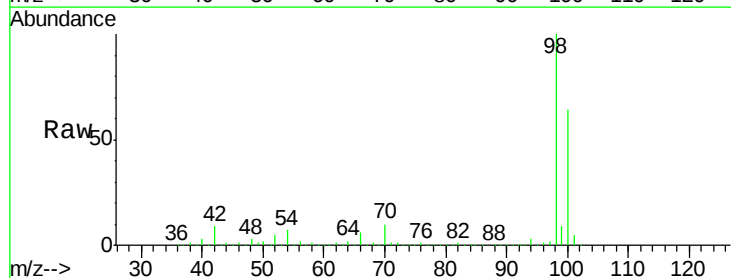
Acq: 11 Jun 2019 05:47

Tgt Ion: 98 Resp: 458530

Ion Ratio Lower Upper

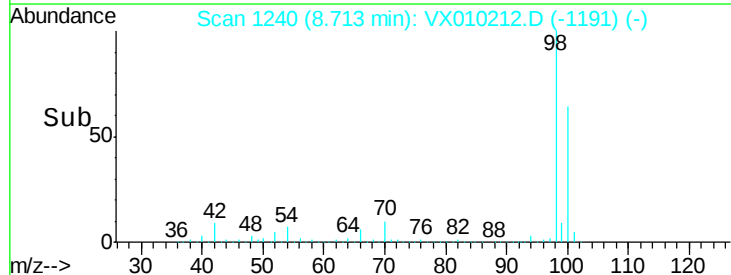
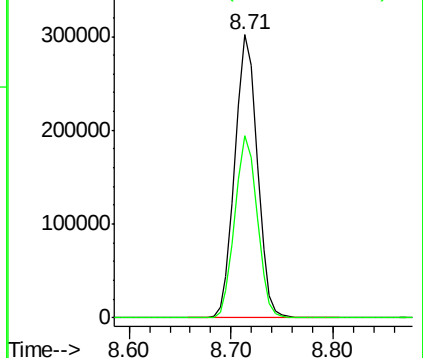
98 100

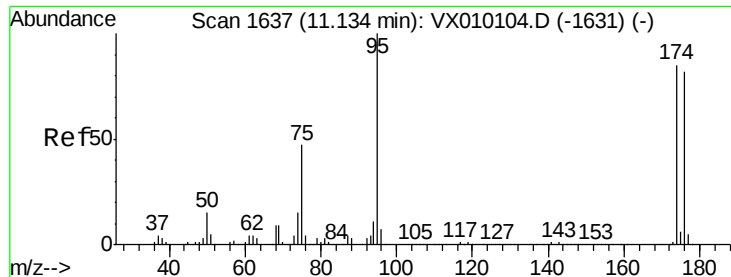
100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.074 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010212.D

Acq: 11 Jun 2019 05:47

Instrument :

MSVOA_X

ClientSampleId :

SU-04-060719-B

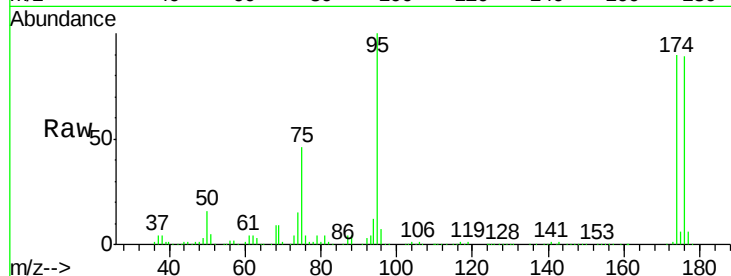
Tot Ion: 95 Resp: 157646

Ion Ratio Lower Upper

95 100

174 94.5 0.0 160.4

176 92.4 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) (-)

11.13

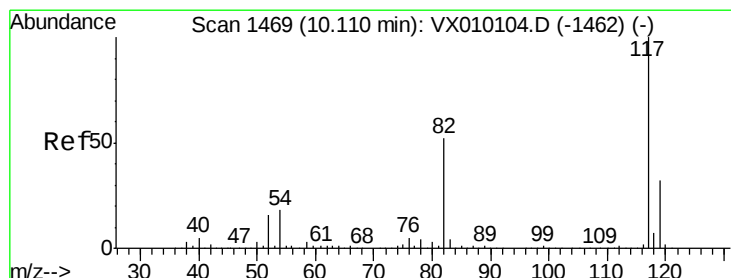
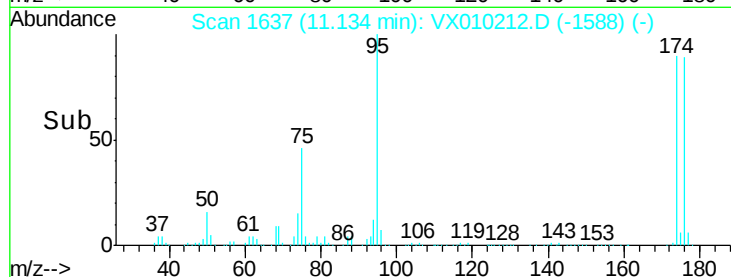
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010212.D

Acq: 11 Jun 2019 05:47

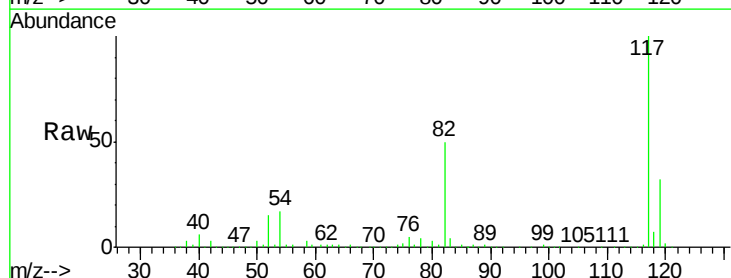
Tgt Ion: 117 Resp: 355586

Ion Ratio Lower Upper

117 100

82 50.2 49.2 73.8

119 31.8 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) (-)

10.11

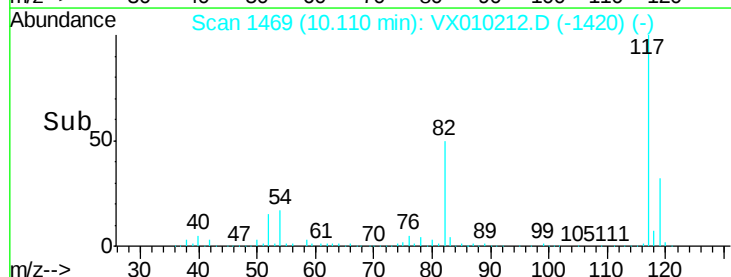
300000

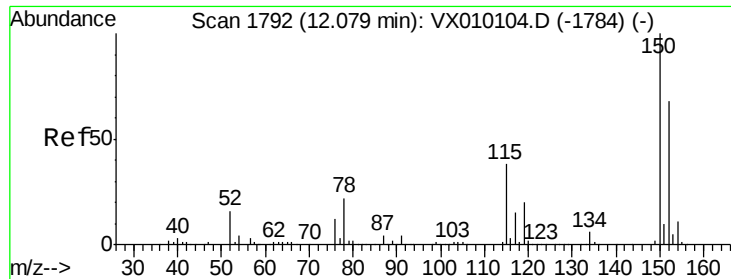
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010212.D

Acq: 11 Jun 2019 05:47

Instrument :

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ClientSampleId :

SU-04-060719-B

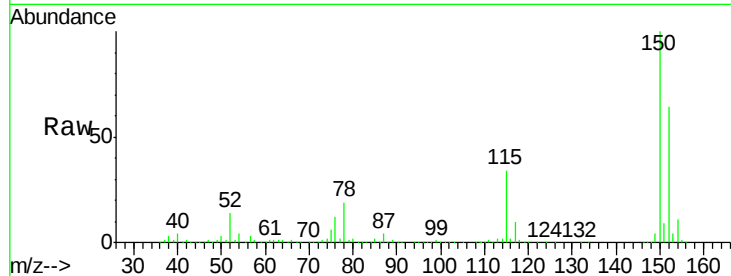
Tot Ion:152 Resp: 166405

Ion Ratio Lower Upper

152 100

115 53.7 41.4 124.2

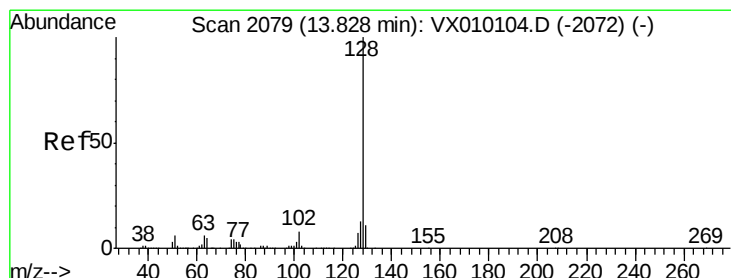
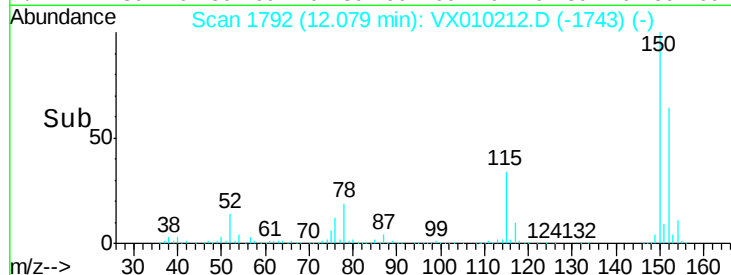
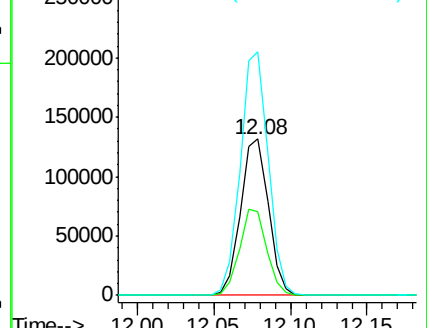
150 155.7 0.0 345.2



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: 1.357 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010212.D

Acq: 11 Jun 2019 05:47

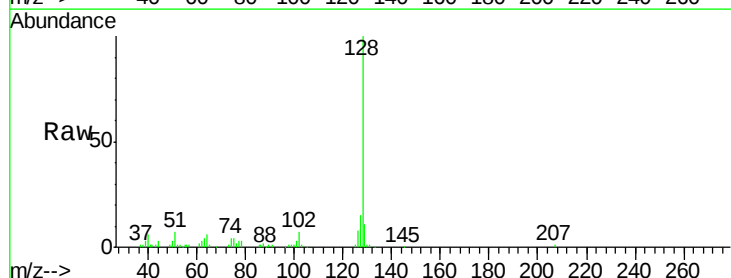
Tgt Ion:128 Resp: 17102

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 11.7 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

