

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010510.D
 Acq On : 28 Jun 2019 01:27
 Operator : JC/SP
 Sample : K3507-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NB-07-062619-A

Quant Time: Jun 28 08:07:08 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

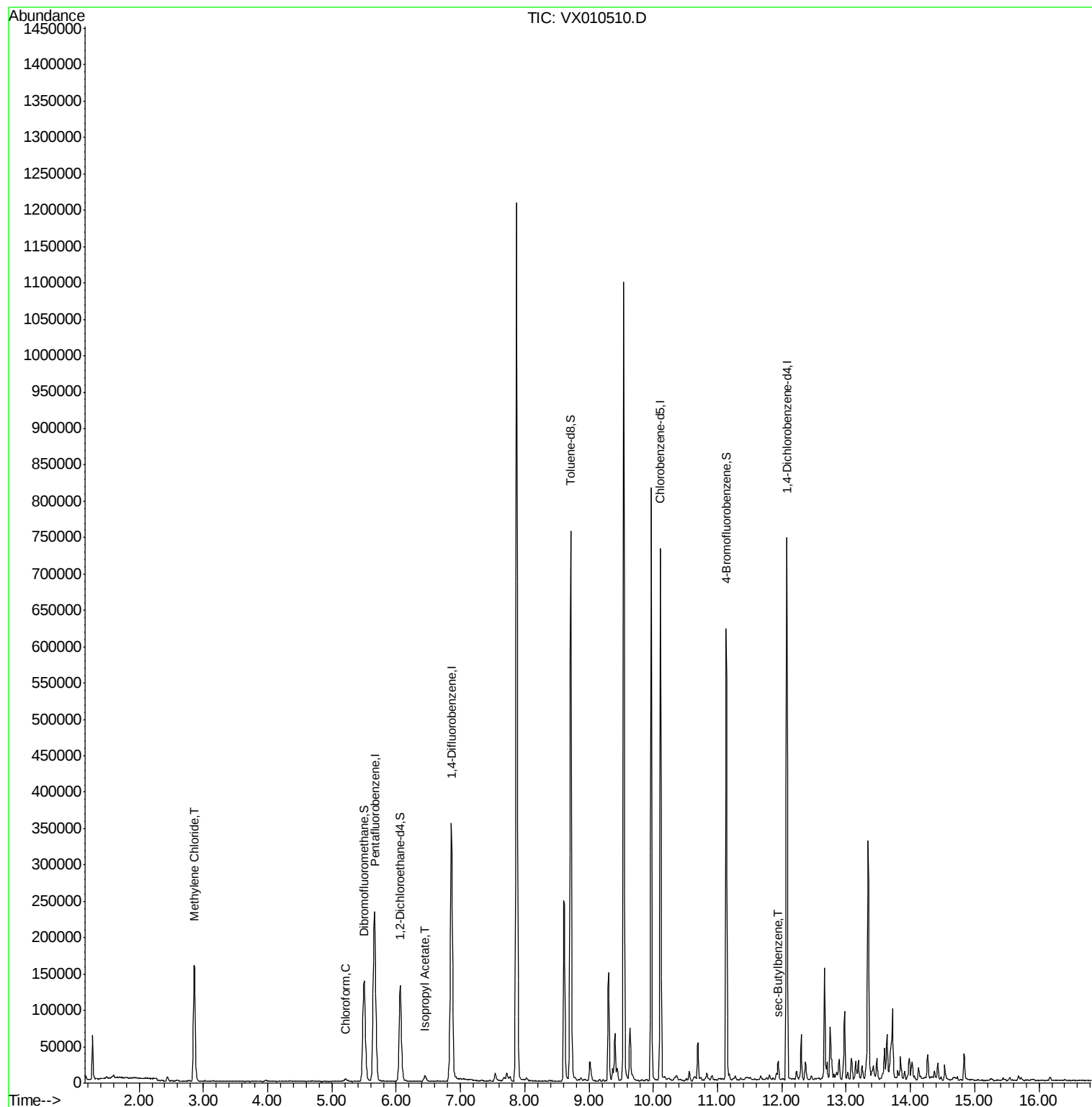
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118637	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
35) Dibromofluoromethane	5.50	113	116633	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	8.71	98	458569	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.13	95	155108	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
Target Compounds						
20) Methylene Chloride	2.85	84	81464	33.924	ug/l	99
30) Chloroform	5.21	83	4274	1.076	ug/l	91
43) Isopropyl Acetate	6.45	43	10732	2.074	ug/l	96
85) sec-Butylbenzene	11.94	105	13309	1.201	ug/l	83

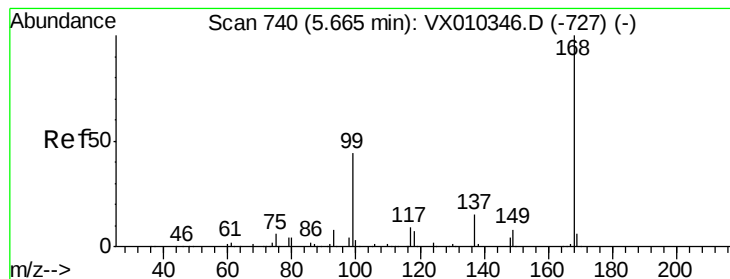
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010510.D

Acq: 28 Jun 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

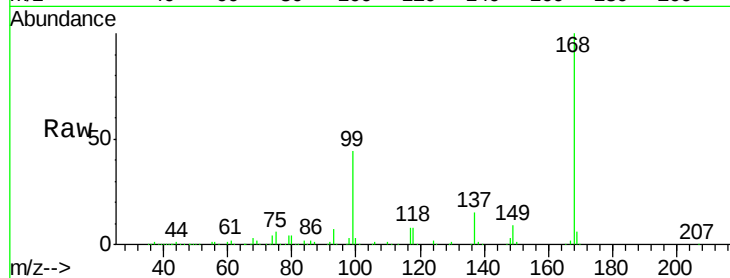
NB-07-062619-A

Tot Ion:168 Resp: 248330

Ion Ratio Lower Upper

168 100

99 44.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

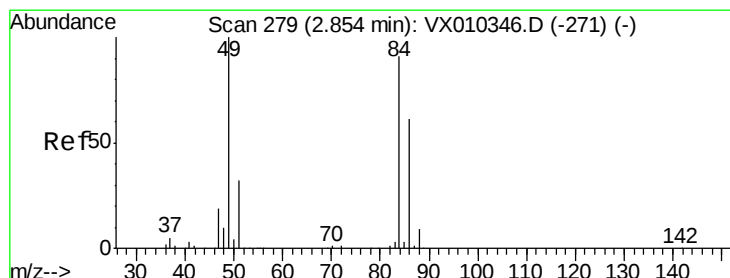
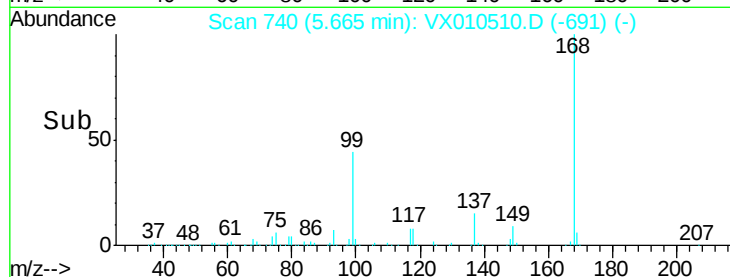
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 33.924 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010510.D

Acq: 28 Jun 2019 01:27

Tgt Ion: 84 Resp: 81464

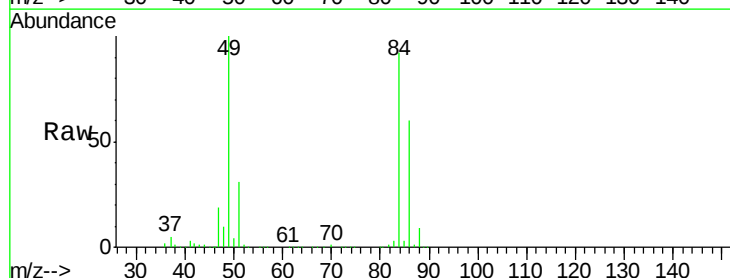
Ion Ratio Lower Upper

84 100

49 109.2 87.5 131.3

51 34.3 27.7 41.5

86 65.0 53.4 80.0



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

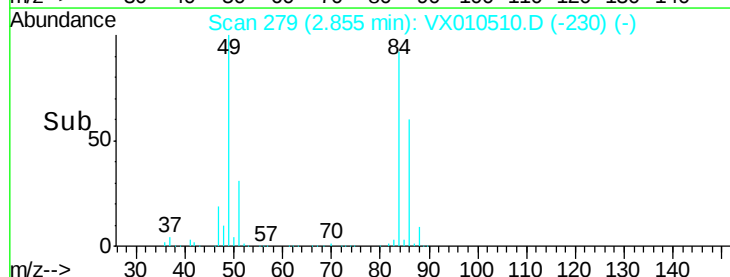
60000

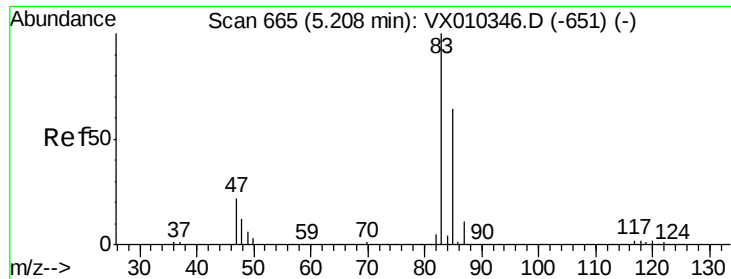
40000

20000

0

Time--> 2.75 2.80 2.85 2.90 2.95

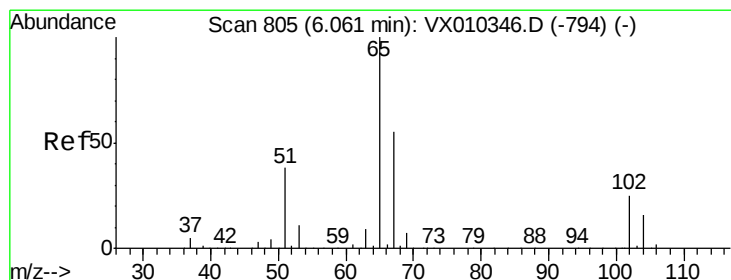
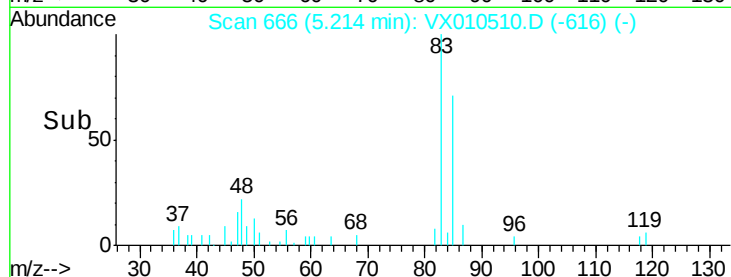
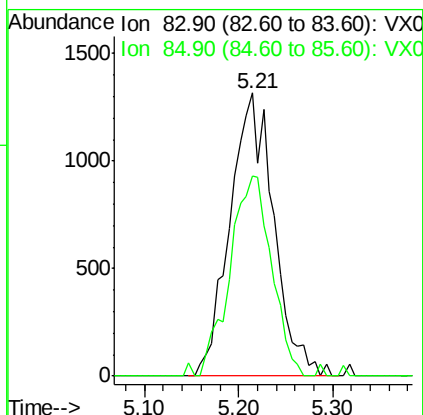
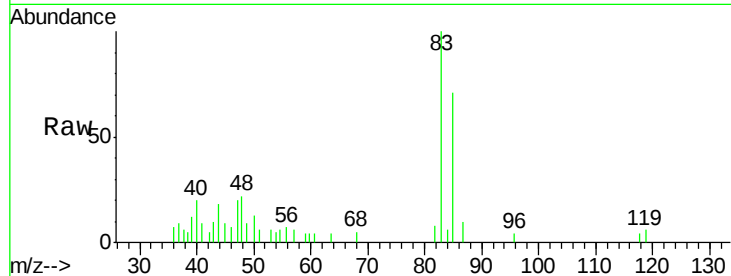




#30
Chloroform
Concen: 1.076 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

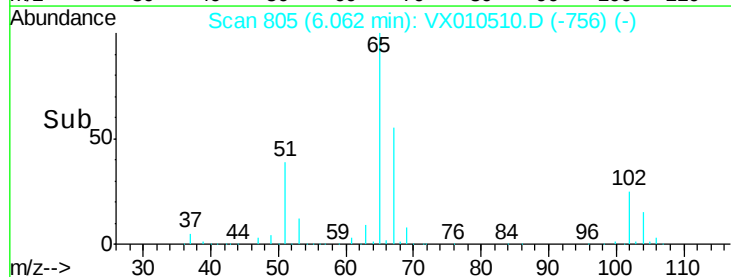
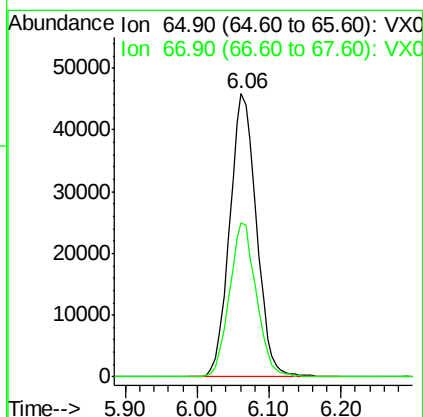
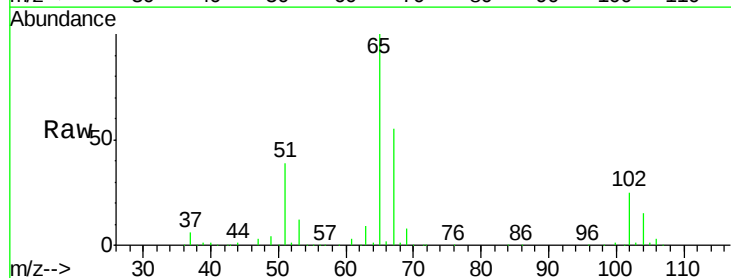
Instrument :
MSVOA_X
ClientSampleId :
NB-07-062619-A

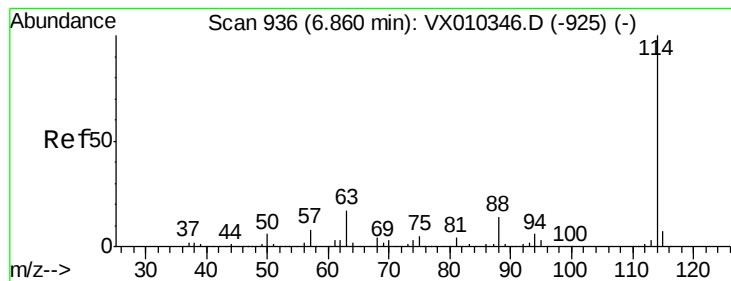
Tot Ion: 83 Resp: 4274
Ion Ratio Lower Upper
83 100
85 70.9 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 50.953 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010510.D
Acq: 28 Jun 2019 01:27

Tgt Ion: 65 Resp: 118637
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010510.D

Acq: 28 Jun 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

NB-07-062619-A

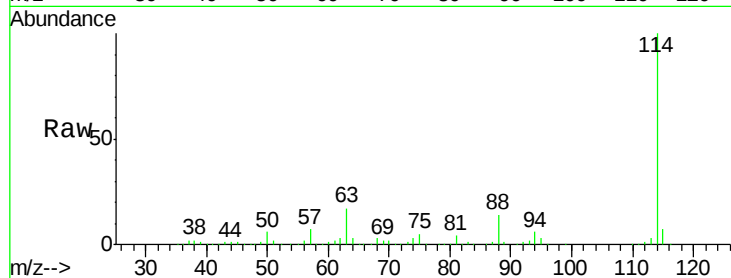
Tot Ion:114 Resp: 382517

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

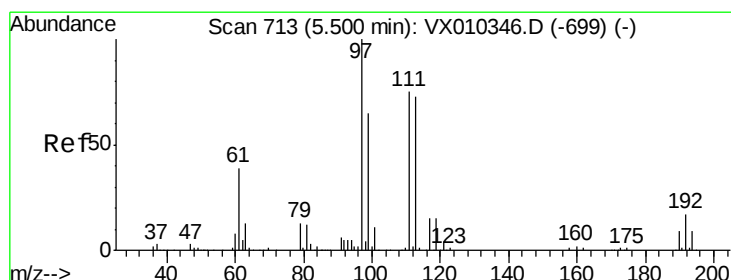
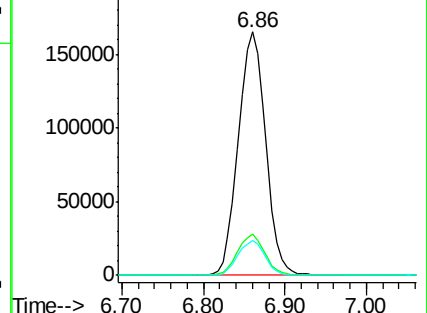
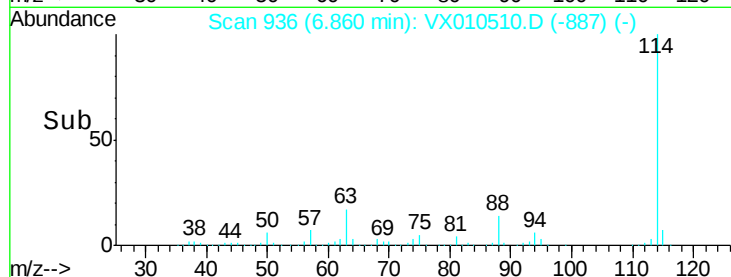
88 14.4 0.0 27.6



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: 49.835 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010510.D

Acq: 28 Jun 2019 01:27

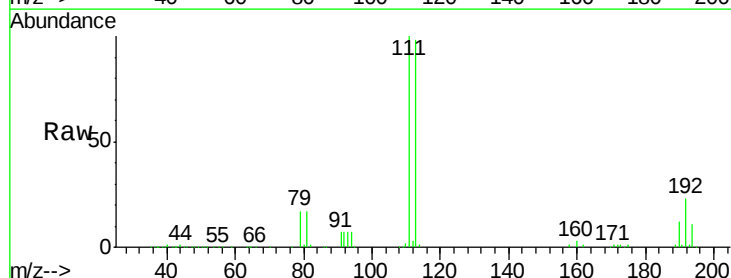
Tgt Ion:113 Resp: 116633

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

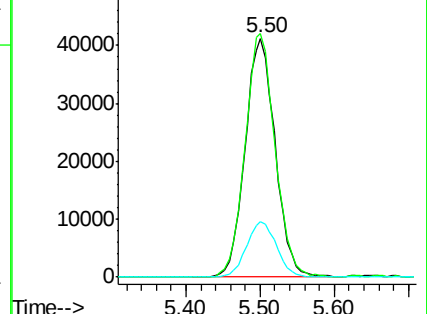
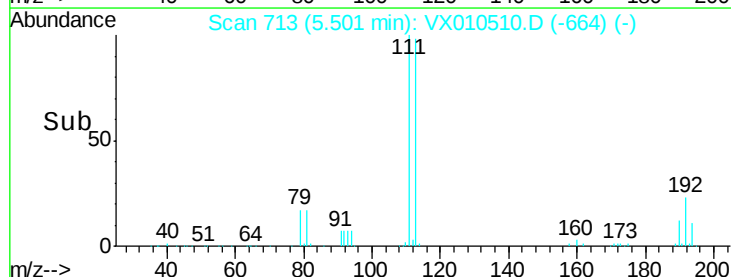
192 23.3 18.6 27.8

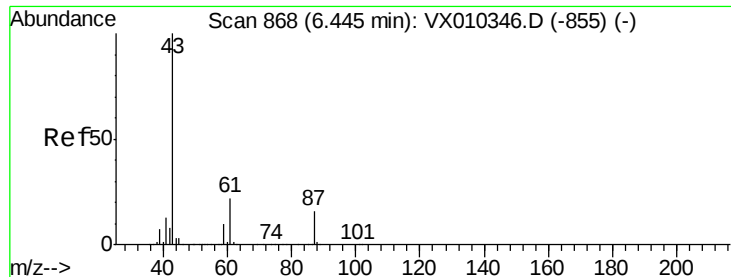


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



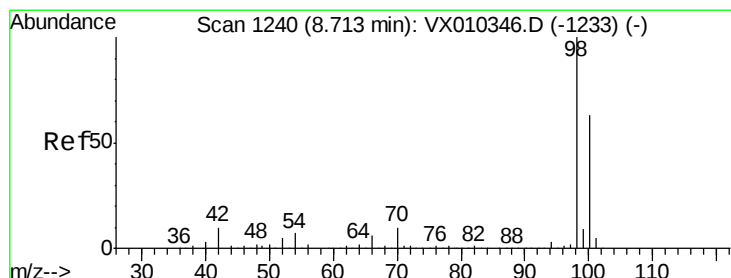
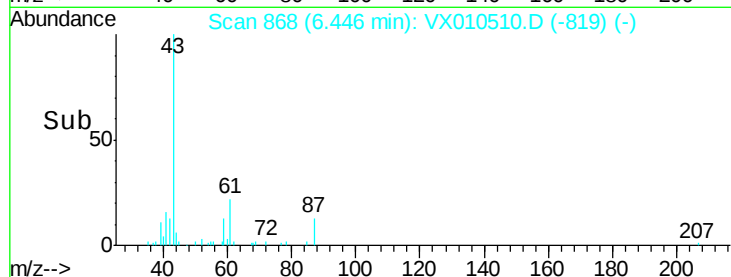
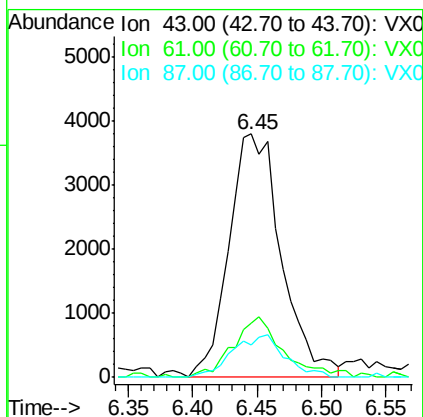
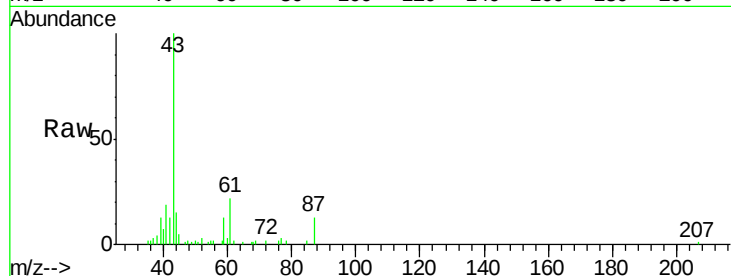


#43

Isopropyl Acetate
 Concen: 2.074 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010510.D
 Acq: 28 Jun 2019 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 NB-07-062619-A

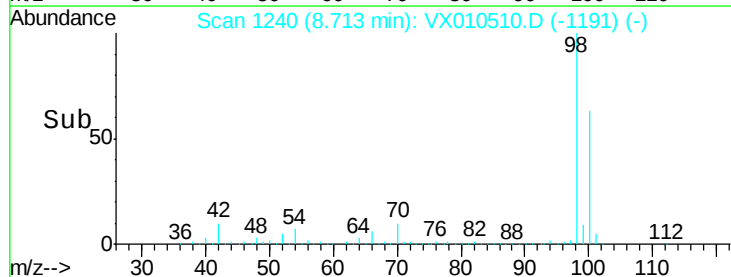
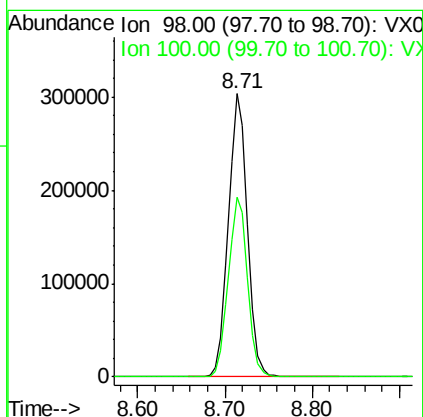
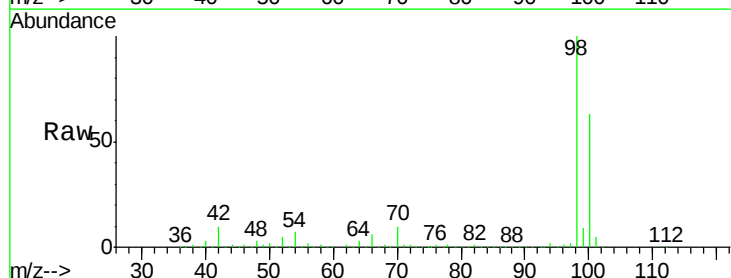
Tot Ion: 43 Resp: 10732
 Ion Ratio Lower Upper
 43 100
 61 24.1 17.8 26.6
 87 17.6 13.0 19.4

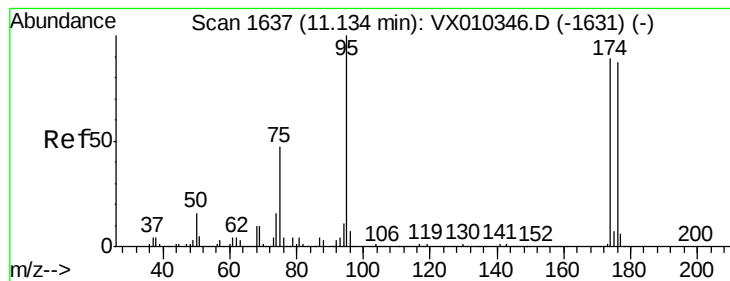


#50

Toluene-d8
 Concen: 51.215 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010510.D
 Acq: 28 Jun 2019 01:27

Tgt Ion: 98 Resp: 458569
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 47.983 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010510.D

Acq: 28 Jun 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

NB-07-062619-A

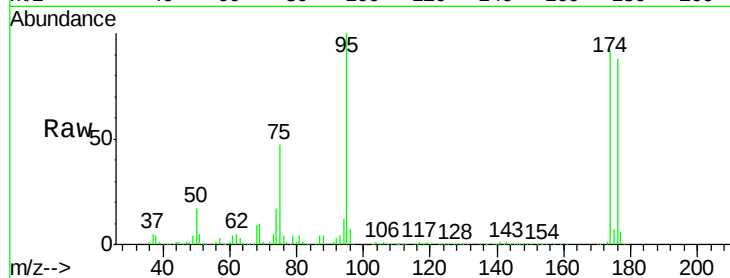
Tot Ion: 95 Resp: 155108

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.6

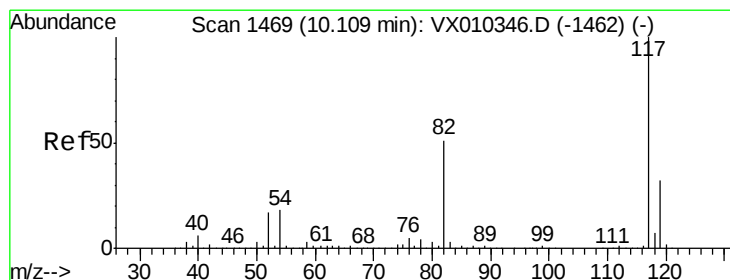
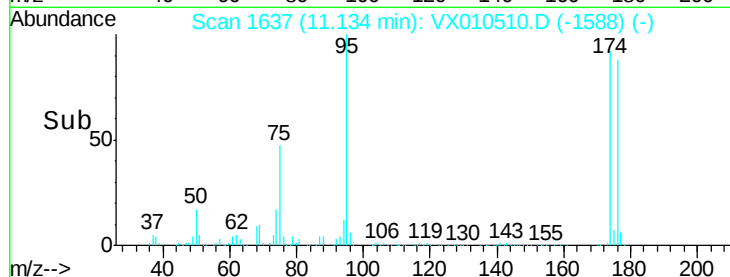
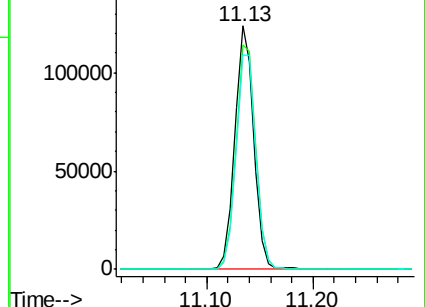
176 92.7 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010510.D

Acq: 28 Jun 2019 01:27

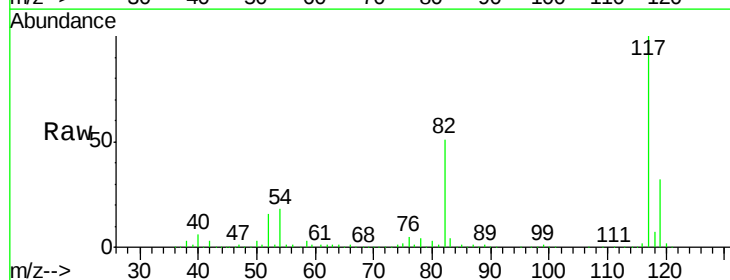
Tgt Ion: 117 Resp: 355844

Ion Ratio Lower Upper

117 100

82 50.7 41.2 61.8

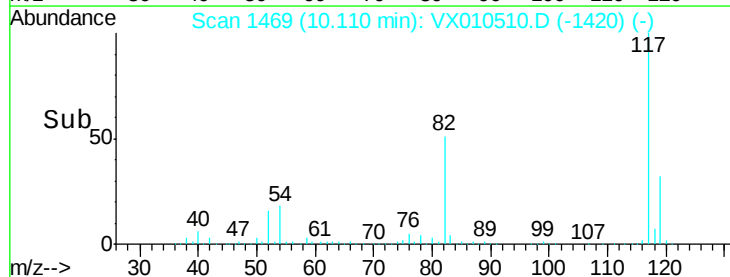
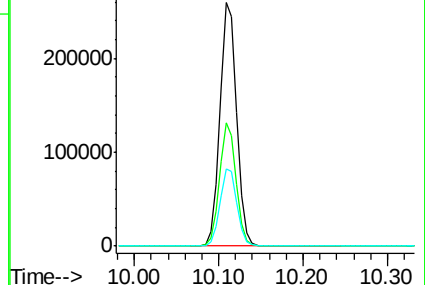
119 31.8 25.5 38.3

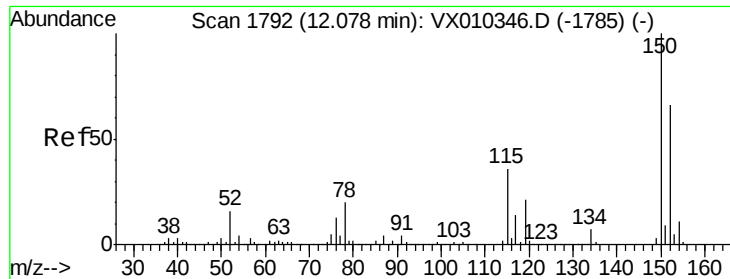


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.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: VX010510.D

Acq: 28 Jun 2019 01:27

Instrument :

MSVOA_X

ClientSampleId :

NB-07-062619-A

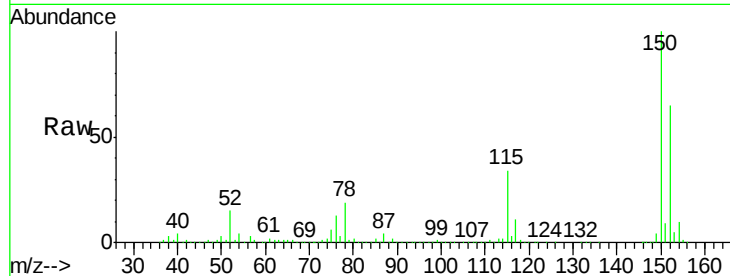
Tot Ion:152 Resp: 168294

Ion Ratio Lower Upper

152 100

115 53.7 38.6 115.7

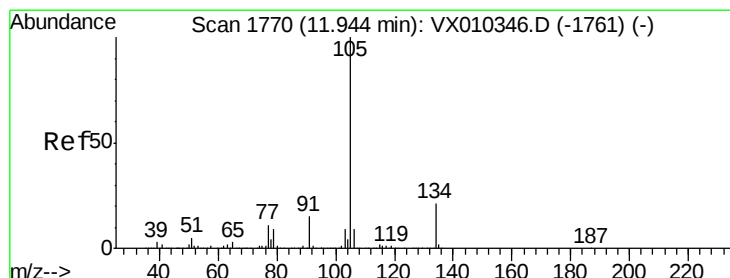
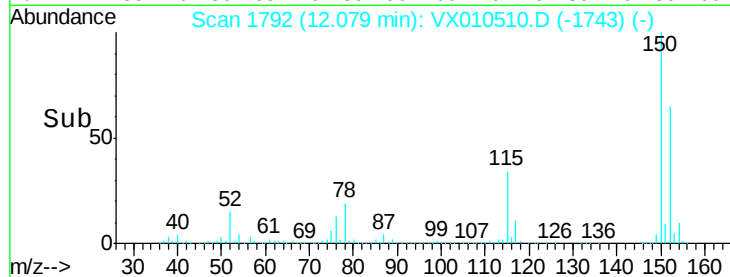
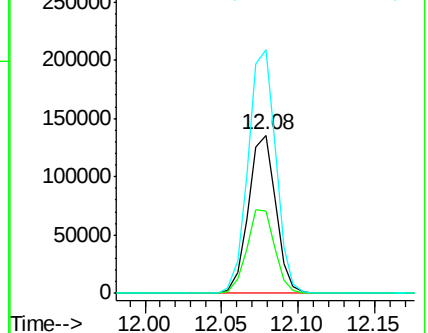
150 156.2 0.0 347.4



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



#85

sec-Butylbenzene

Concen: 1.201 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010510.D

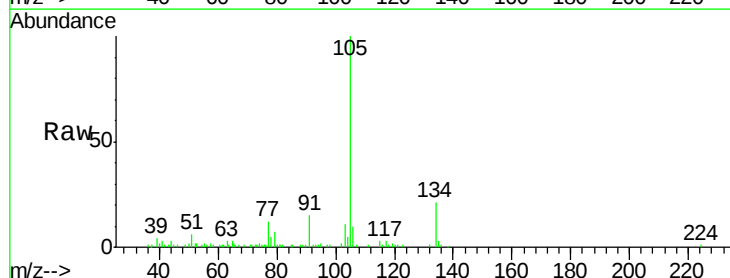
Acq: 28 Jun 2019 01:27

Tgt Ion:105 Resp: 13309

Ion Ratio Lower Upper

105 100

134 29.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

