

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008869.D
 Acq On : 11 Apr 2019 21:56
 Operator : JC/SP
 Sample : K2347-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BCOG03

Quant Time: Apr 12 08:46:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

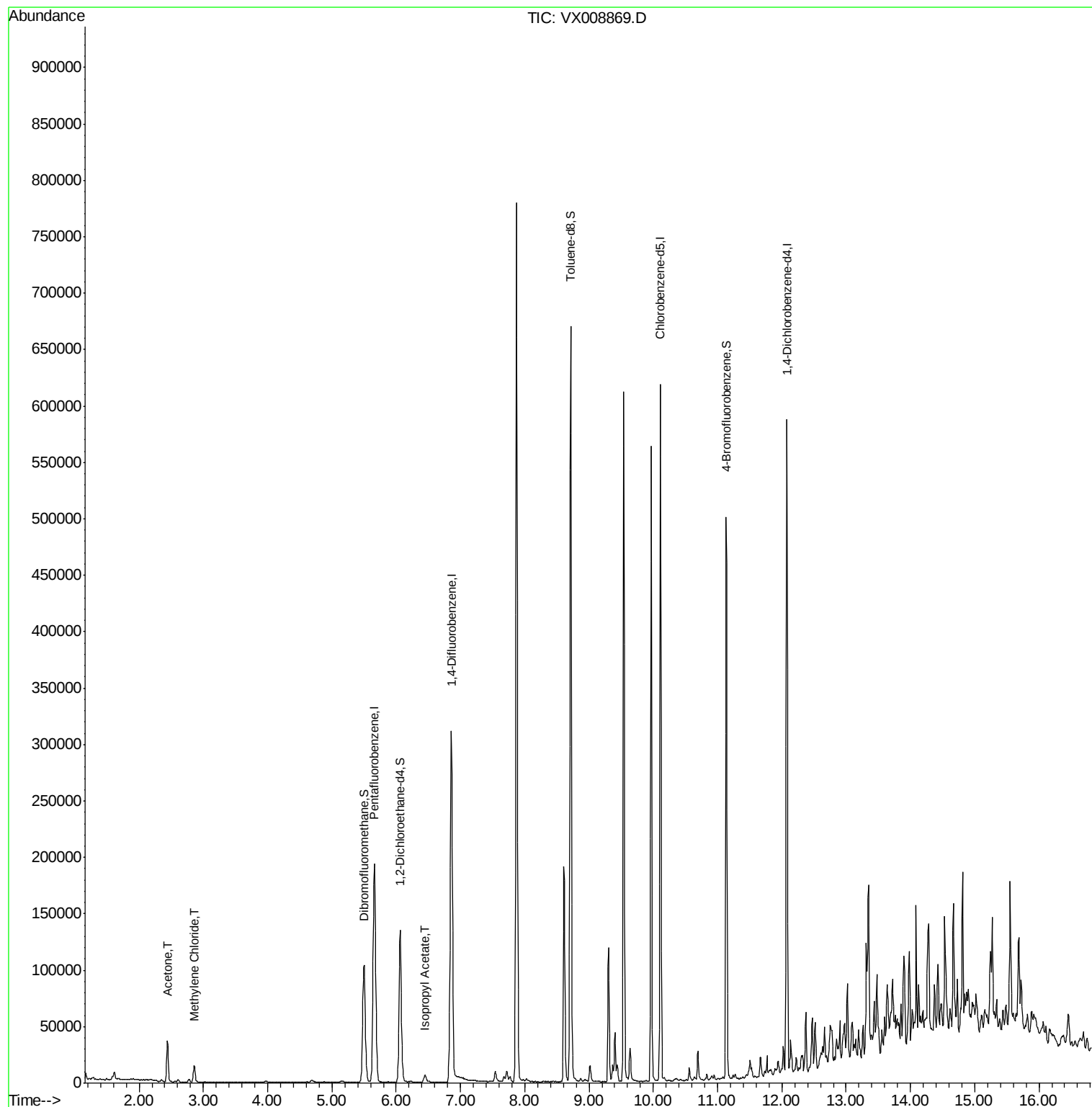
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125144	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
35) Dibromofluoromethane	5.50	113	89441	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
50) Toluene-d8	8.71	98	383487	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	131369	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
Target Compounds						
16) Acetone	2.44	43	39075	24.692	ug/l	99
20) Methylene Chloride	2.85	84	6748	2.547	ug/l	97
43) Isopropyl Acetate	6.45	43	9720	1.401	ug/l	98

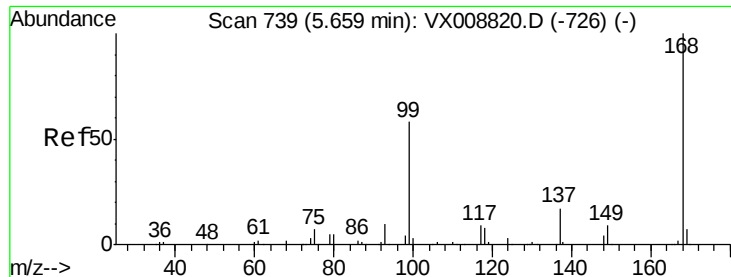
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

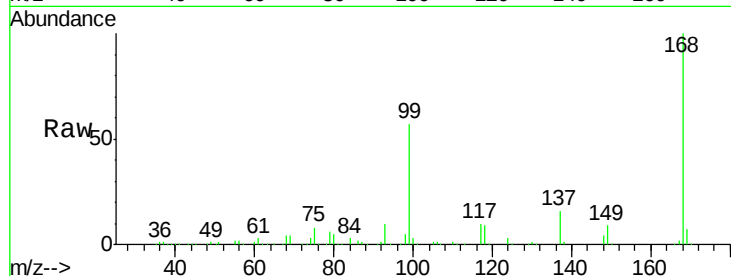
BCOG03

Tot Ion:168 Resp: 188373

Ion Ratio Lower Upper

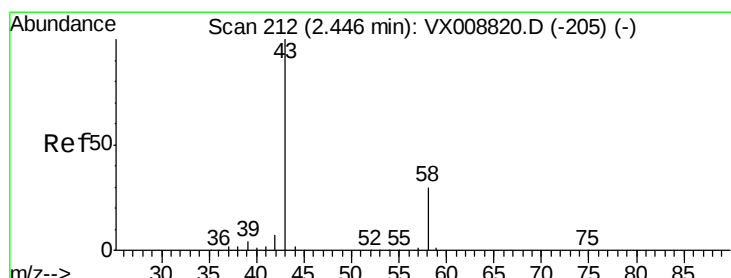
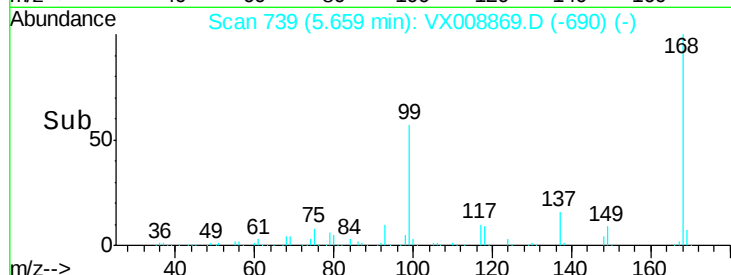
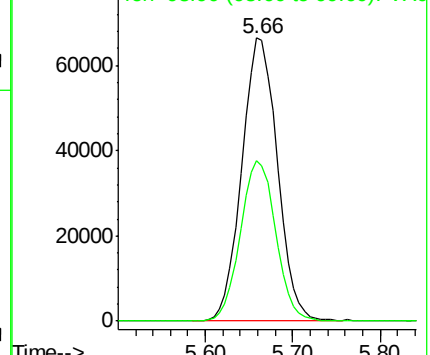
168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 24.692 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008869.D

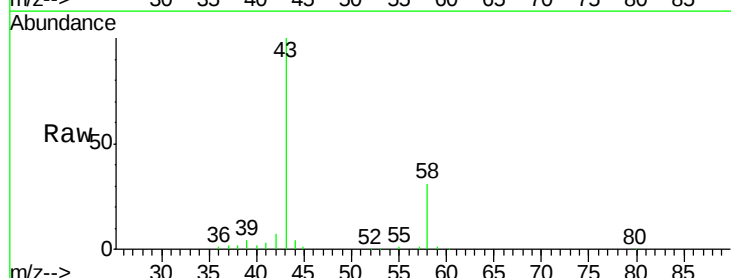
Acq: 11 Apr 2019 21:56

Tgt Ion: 43 Resp: 39075

Ion Ratio Lower Upper

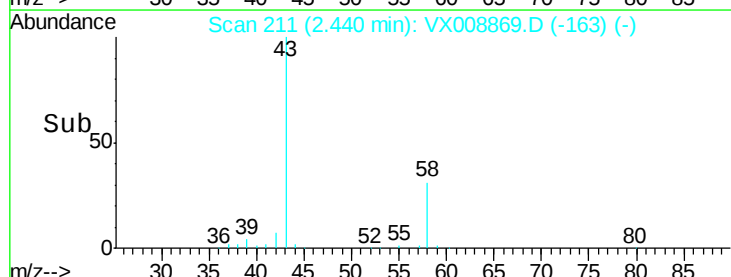
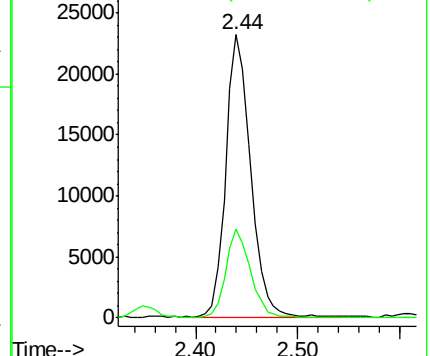
43 100

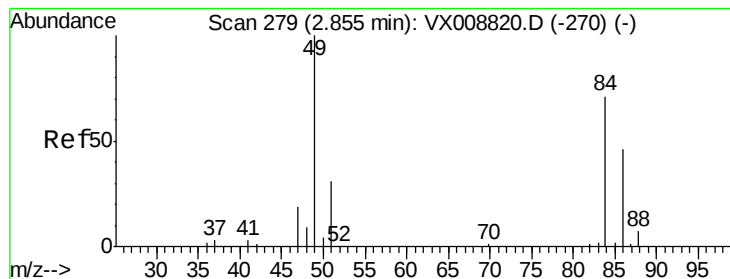
58 31.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 2.547 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

Tot Ion: 84 Resp: 6748

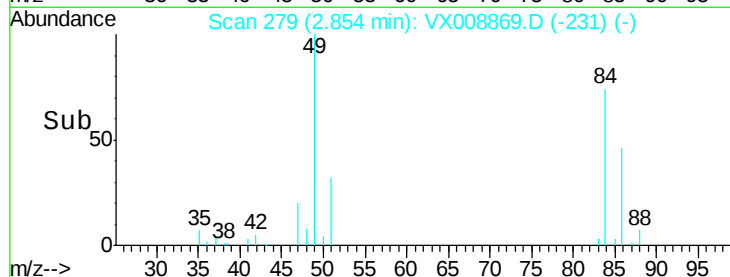
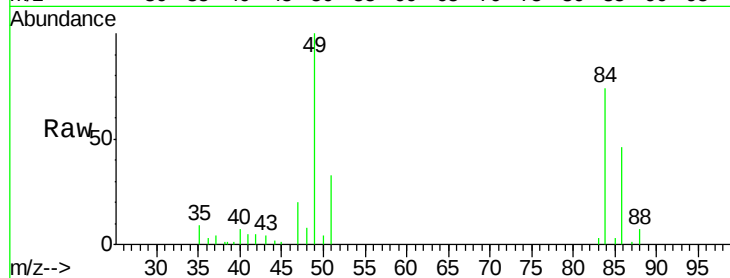
Ion Ratio Lower Upper

84 100

49 134.5 109.7 164.5

51 44.7 33.6 50.4

86 62.1 51.4 77.2

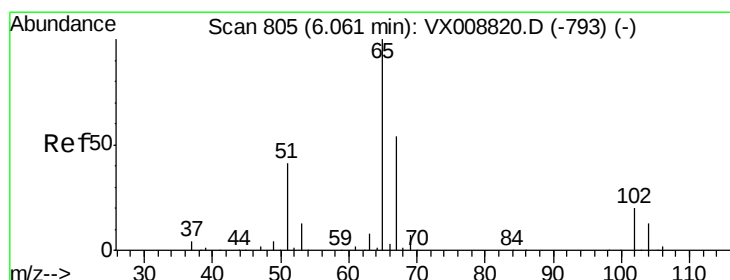
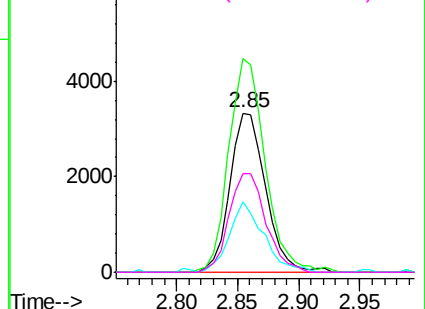


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 45.548 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008869.D

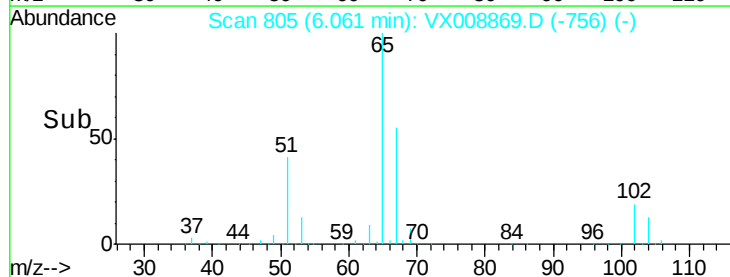
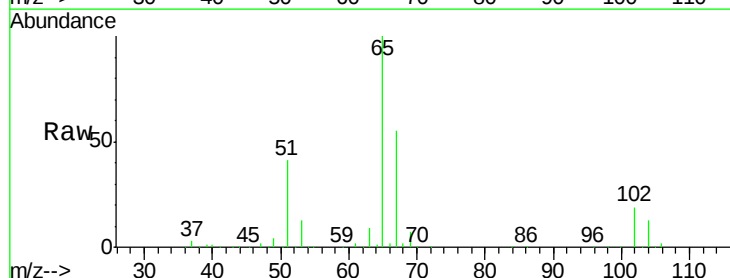
Acq: 11 Apr 2019 21:56

Tgt Ion: 65 Resp: 125144

Ion Ratio Lower Upper

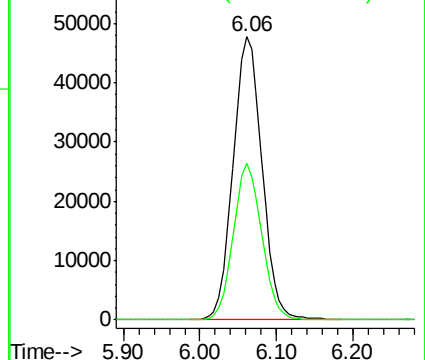
65 100

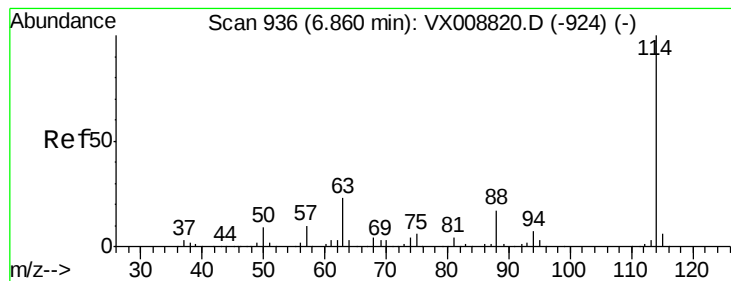
67 54.5 0.0 107.2



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: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

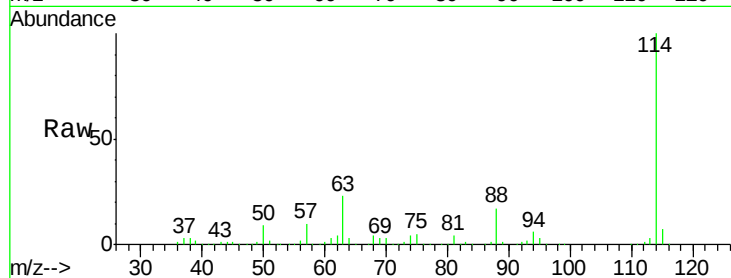
Tot Ion:114 Resp: 303480

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

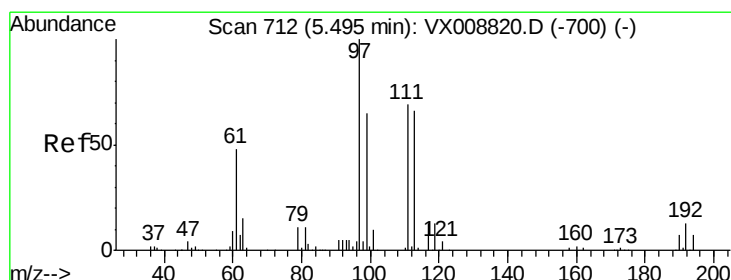
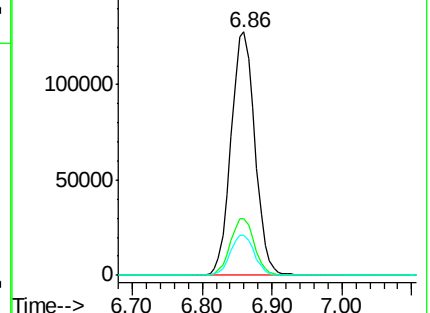
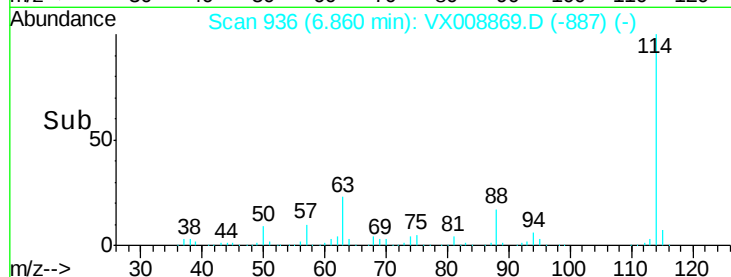
88 16.7 0.0 34.0



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: 46.096 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

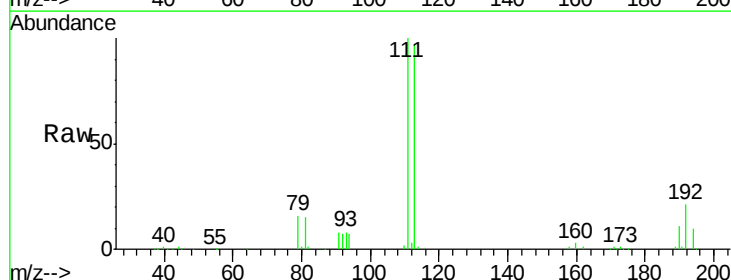
Tgt Ion:113 Resp: 89441

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

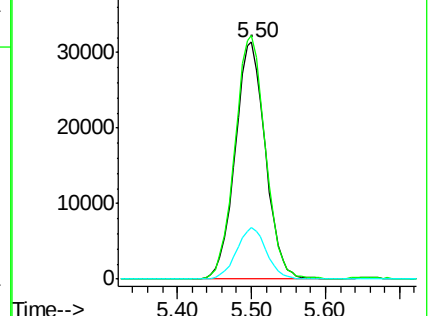
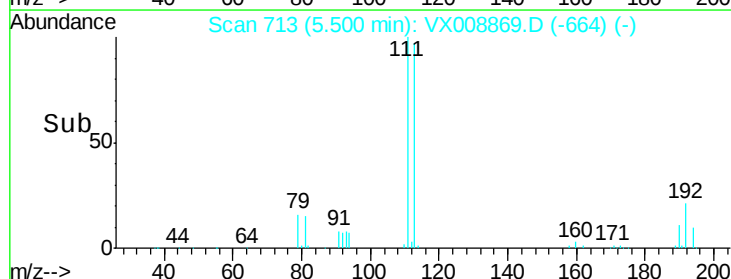
192 21.6 16.1 24.1

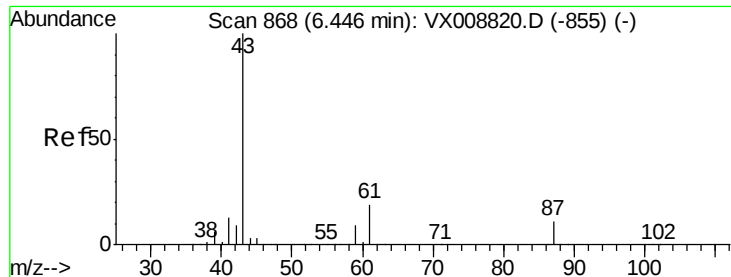


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.401 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

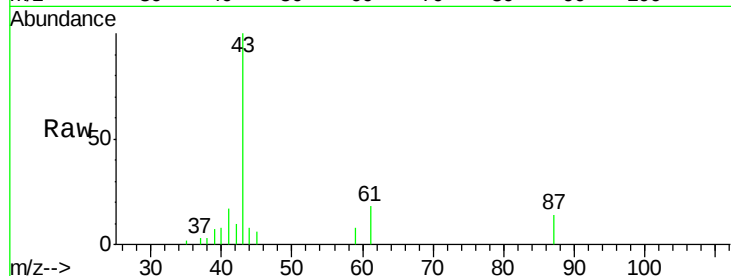
Tot Ion: 43 Resp: 9720

Ion Ratio Lower Upper

43 100

61 20.5 15.3 22.9

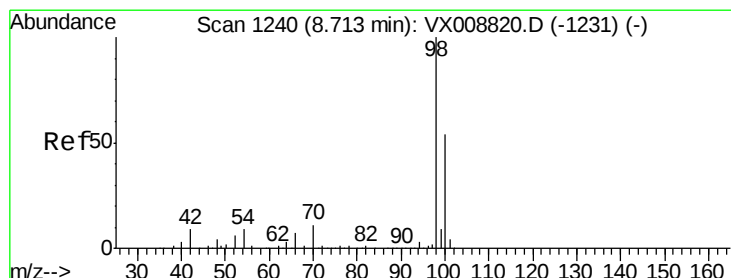
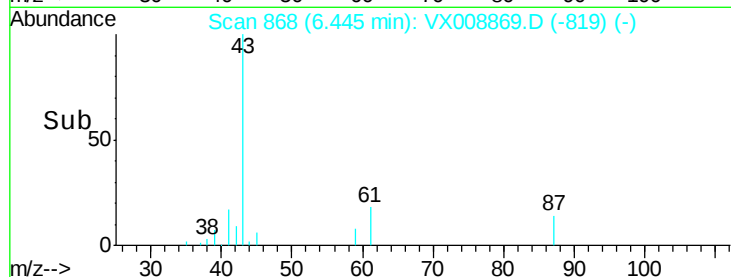
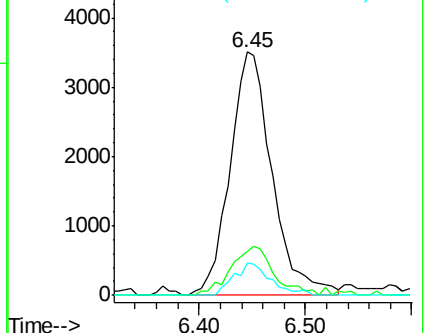
87 11.6 9.0 13.6



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: 49.637 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008869.D

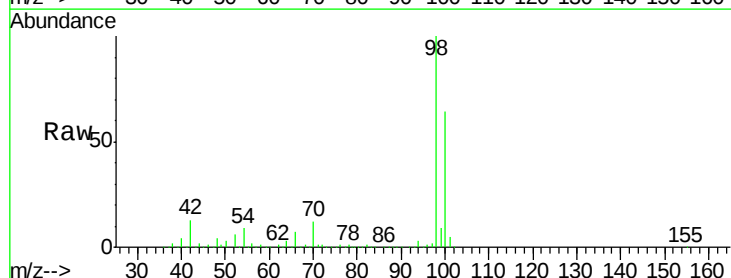
Acq: 11 Apr 2019 21:56

Tgt Ion: 98 Resp: 383487

Ion Ratio Lower Upper

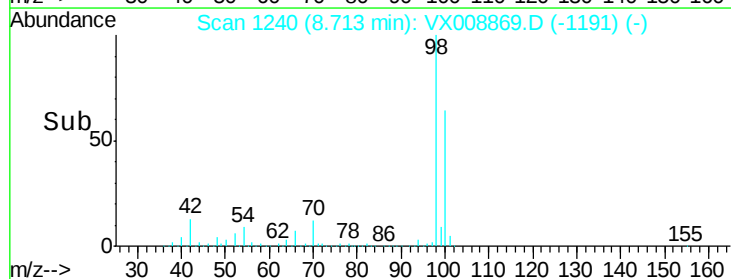
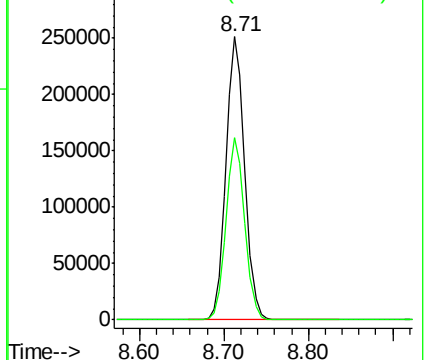
98 100

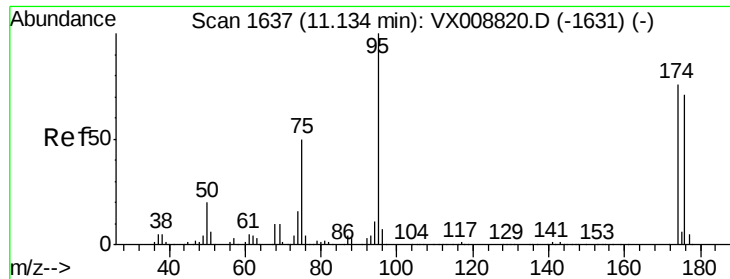
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.950 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

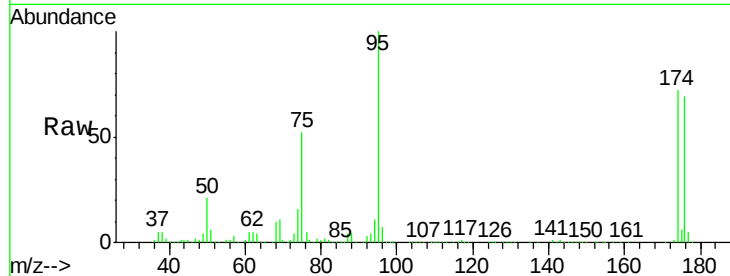
Tot Ion: 95 Resp: 131369

Ion Ratio Lower Upper

95 100

174 78.7 0.0 151.8

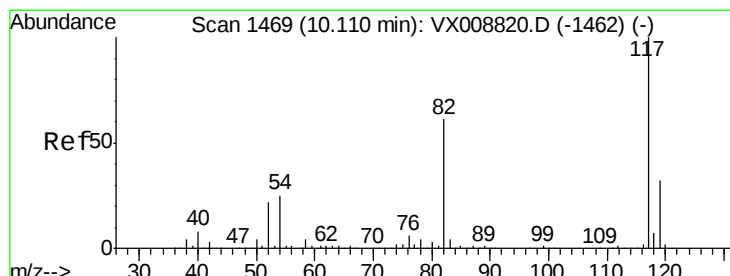
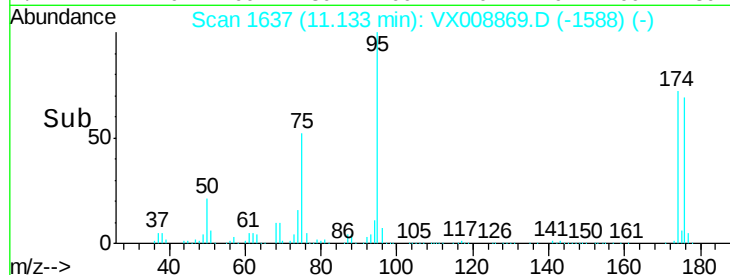
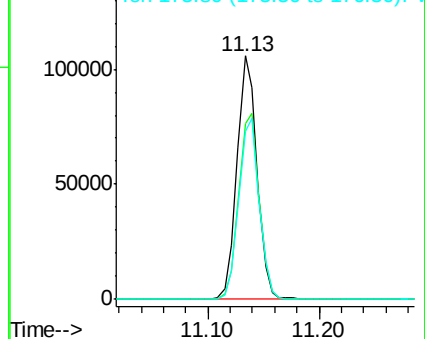
176 75.9 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

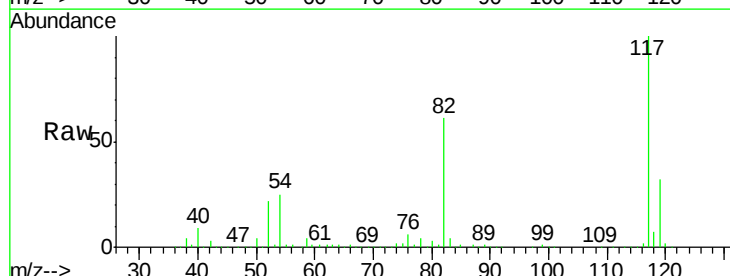
Tgt Ion: 117 Resp: 266201

Ion Ratio Lower Upper

117 100

82 61.4 49.6 74.4

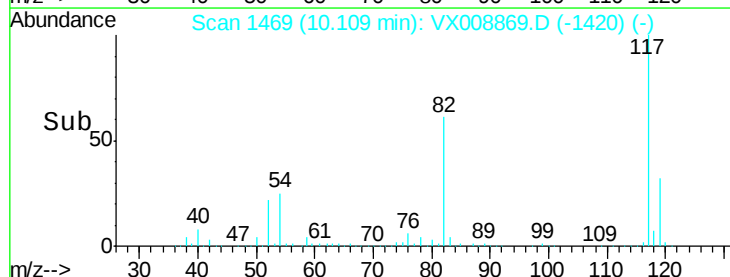
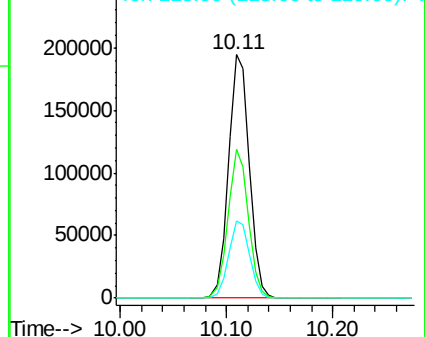
119 31.6 25.0 37.4

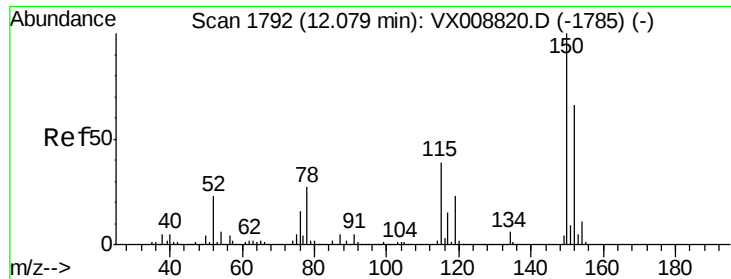


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.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: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

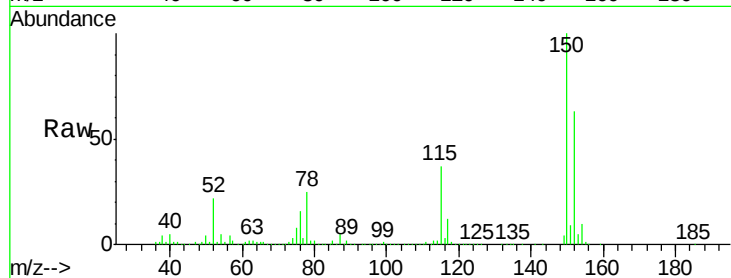
Tot Ion:152 Resp: 117309

Ion Ratio Lower Upper

152 100

115 58.6 43.5 130.5

150 157.1 0.0 348.8



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

