

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010415.D
 Acq On : 24 Jun 2019 16:37
 Operator : JC/SP
 Sample : K3164-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B02

Quant Time: Jun 25 04:22:00 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

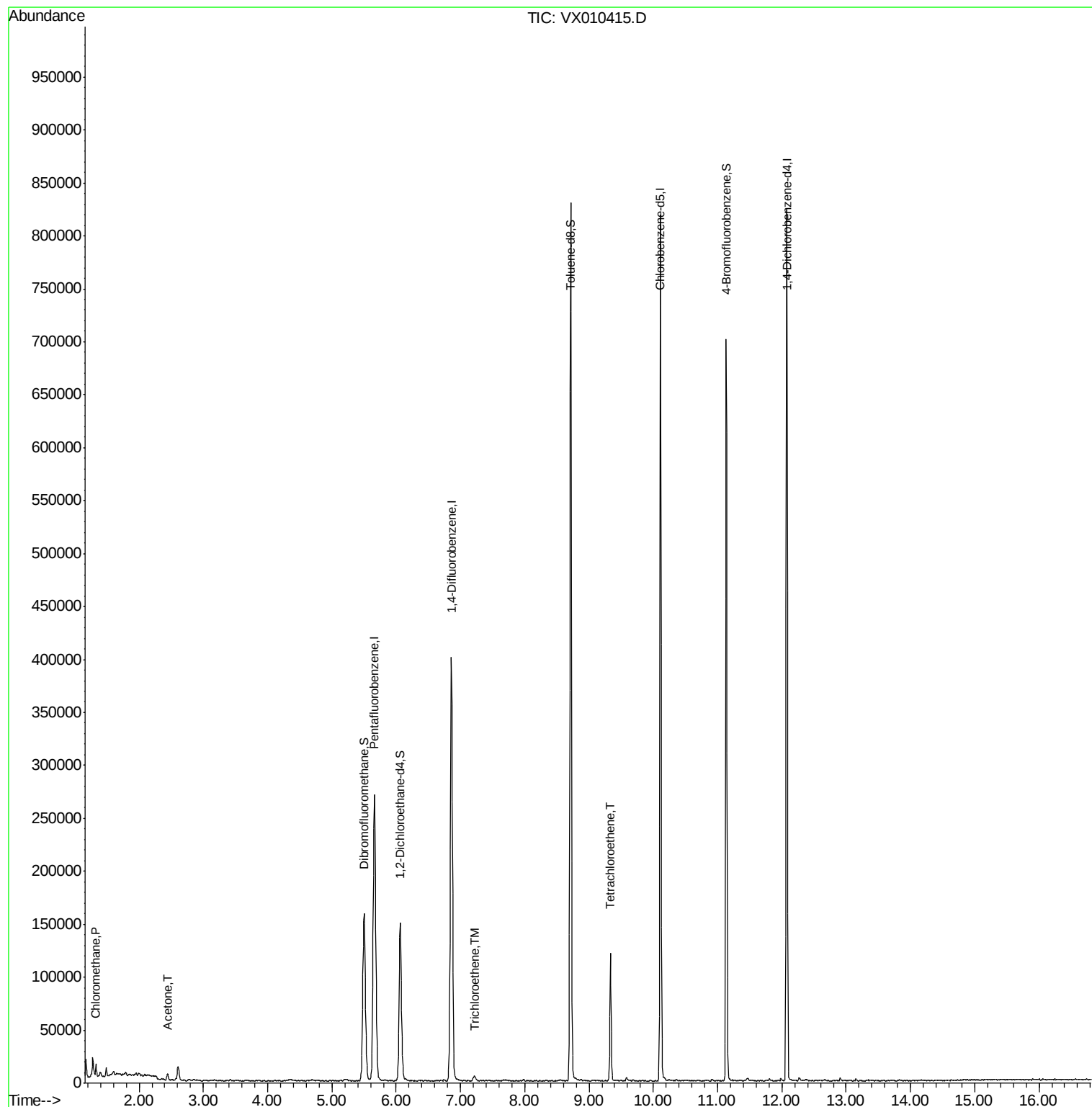
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	288108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135174	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	133969	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	8.71	98	516953	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	175941	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
3) Chloromethane	1.33	50	6893	2.955	ug/l	95
16) Acetone	2.45	43	6647	4.910	ug/l	88
44) Trichloroethene	7.22	130	2123	0.651	ug/l	83
64) Tetrachloroethene	9.34	164	24351	7.535	ug/l	92

(#) = 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010415.D

Acq: 24 Jun 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

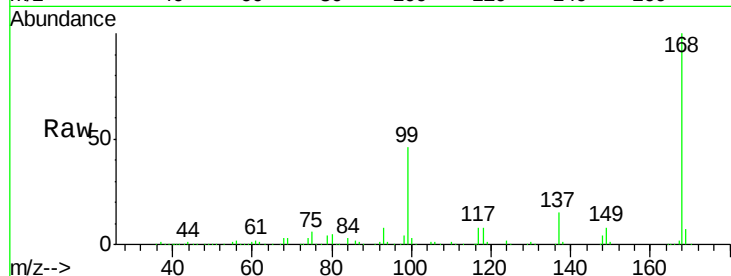
BAT-B02

Tot Ion:168 Resp: 288108

Ion Ratio Lower Upper

168 100

99 45.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

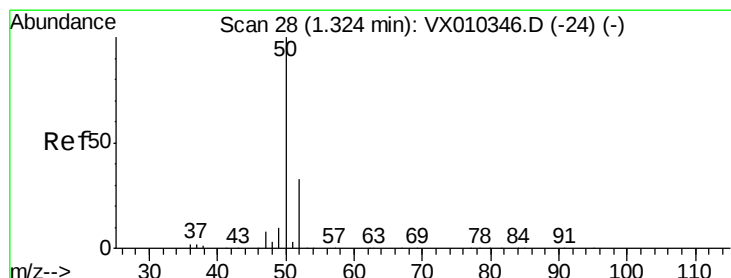
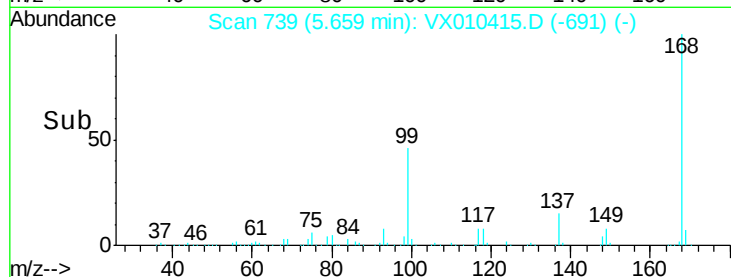
20000

0

5.66

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 2.955 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010415.D

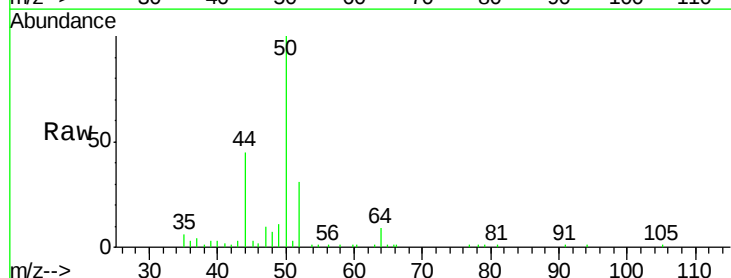
Acq: 24 Jun 2019 16:37

Tgt Ion: 50 Resp: 6893

Ion Ratio Lower Upper

50 100

52 30.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

8000

6000

4000

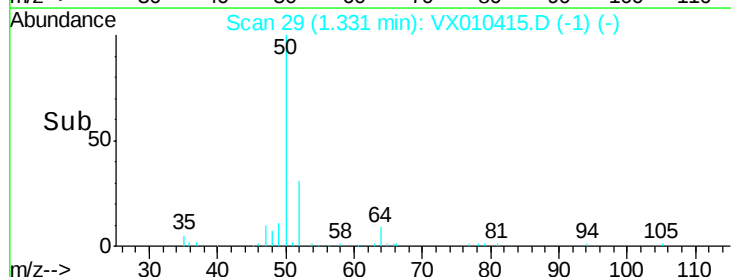
2000

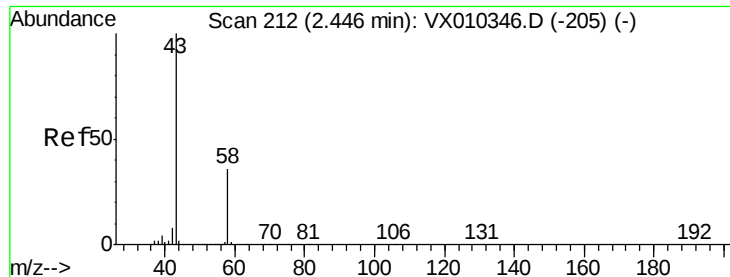
0

1.33

1.30 1.35

Time-->





#16

Acetone

Concen: 4.910 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010415.D

Acq: 24 Jun 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

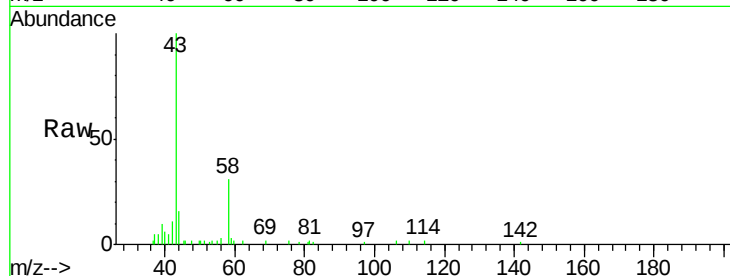
BAT-B02

Tot Ion: 43 Resp: 6647

Ion Ratio Lower Upper

43 100

58 29.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

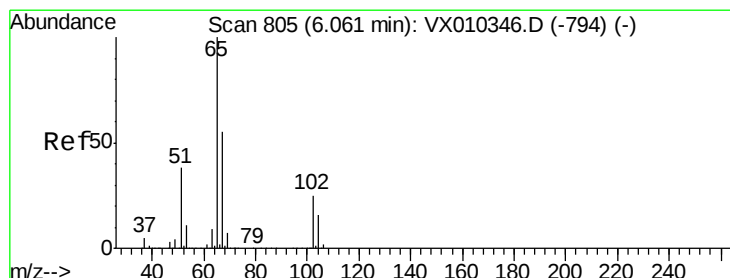
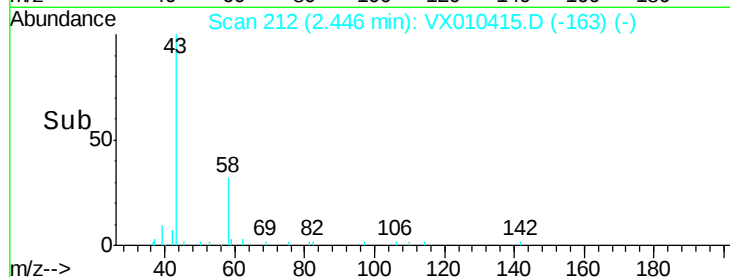
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50



#33

1,2-Dichloroethane-d4

Concen: 50.040 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010415.D

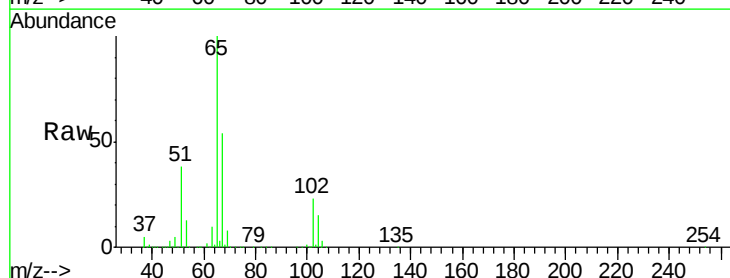
Acq: 24 Jun 2019 16:37

Tgt Ion: 65 Resp: 135174

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

50000

40000

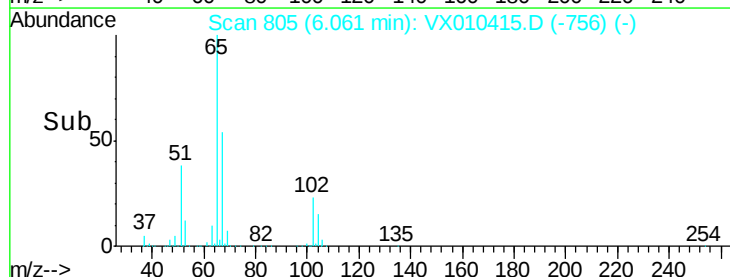
30000

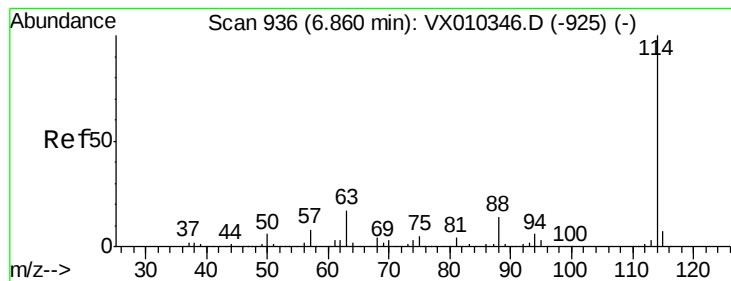
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010415.D

Acq: 24 Jun 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

BAT-B02

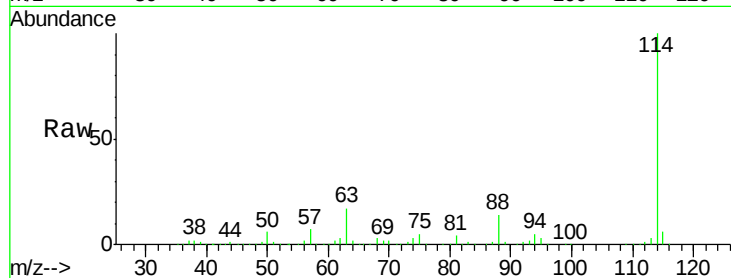
Tot Ion:114 Resp: 440021

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

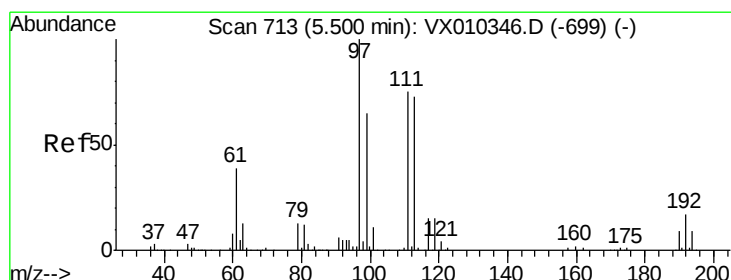
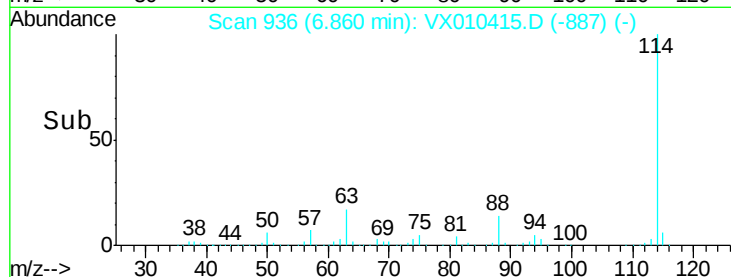
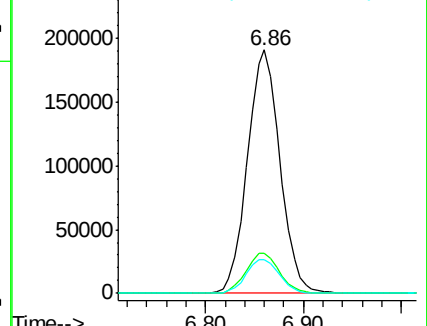
88 13.9 0.0 27.6



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: 49.762 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010415.D

Acq: 24 Jun 2019 16:37

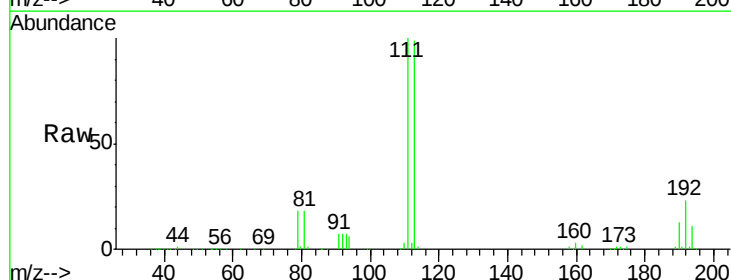
Tgt Ion:113 Resp: 133969

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

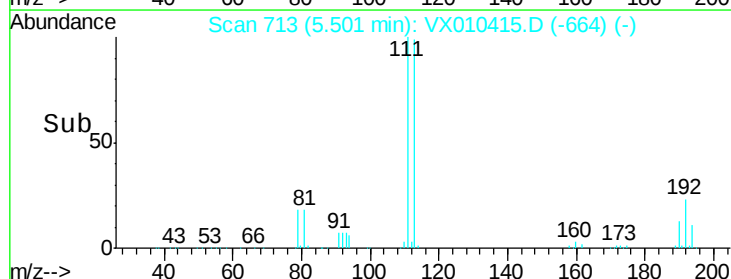
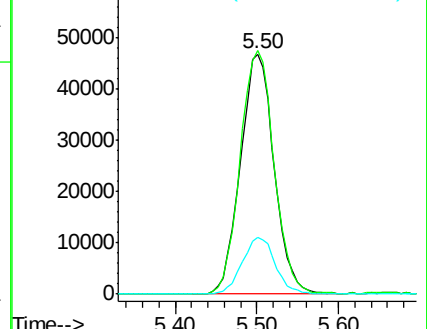
192 23.4 18.6 27.8

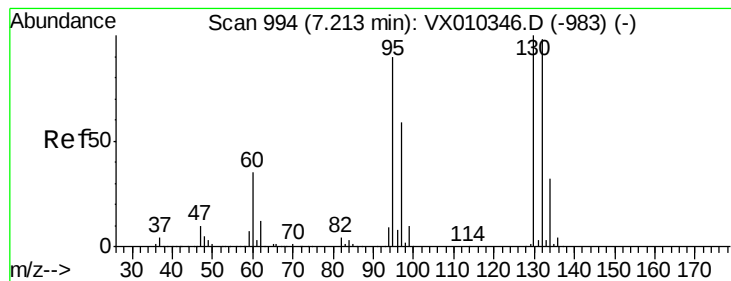


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.651 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010415.D

Acq: 24 Jun 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

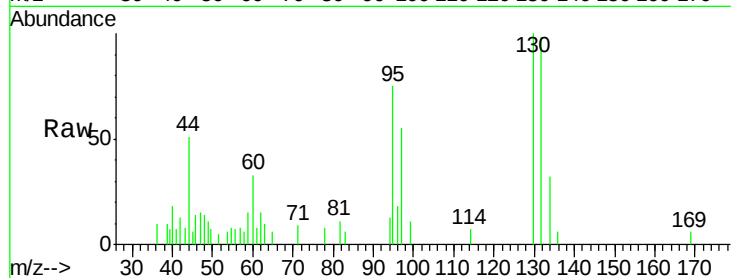
BAT-B02

Tot Ion:130 Resp: 2123

Ion Ratio Lower Upper

130 100

95 74.8 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

1000

800

600

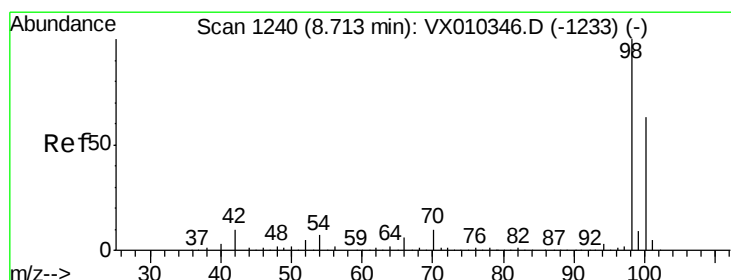
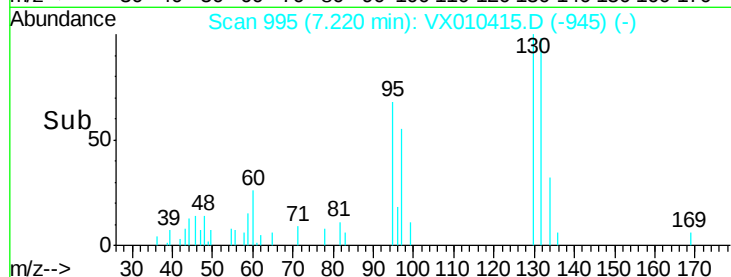
400

200

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 50.190 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010415.D

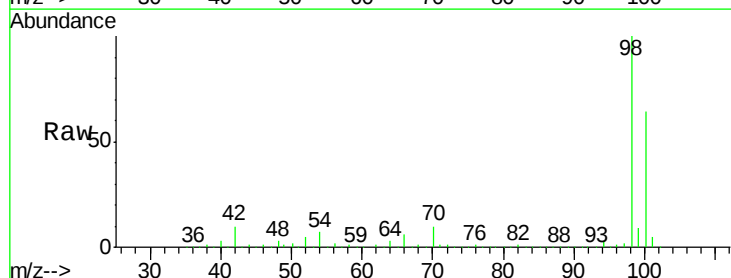
Acq: 24 Jun 2019 16:37

Tgt Ion: 98 Resp: 516953

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

300000

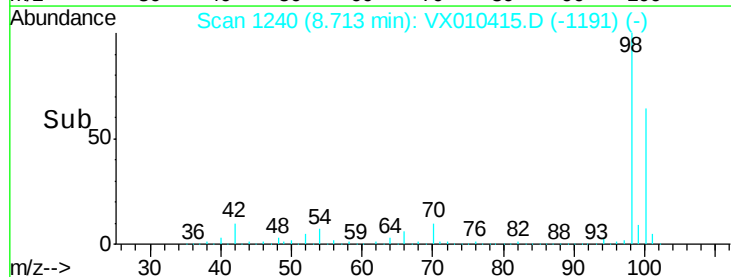
200000

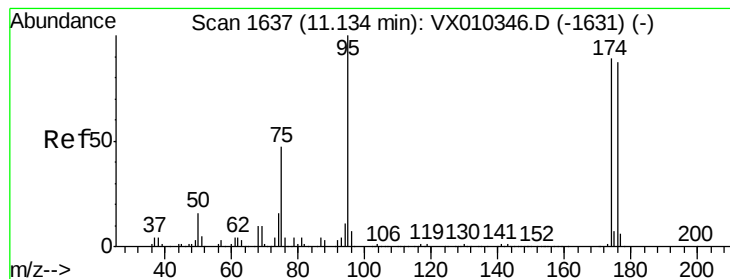
100000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 47.315 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010415.D

Acq: 24 Jun 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

BAT-B02

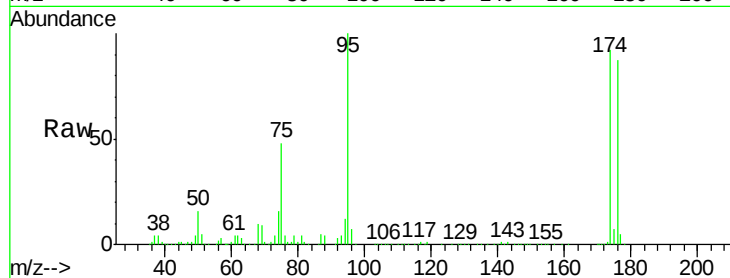
Tot Ion: 95 Resp: 175941

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.6

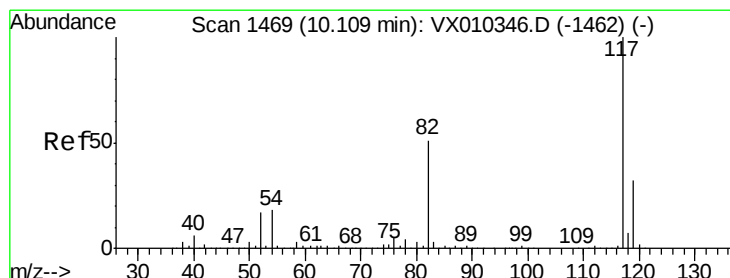
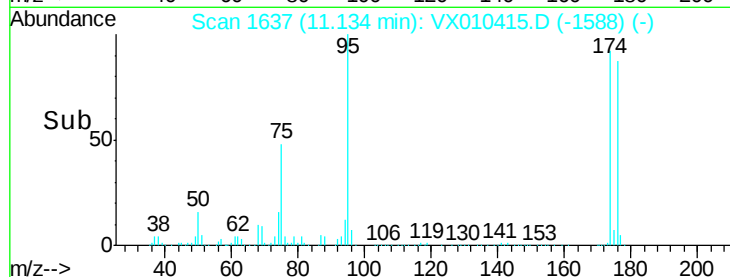
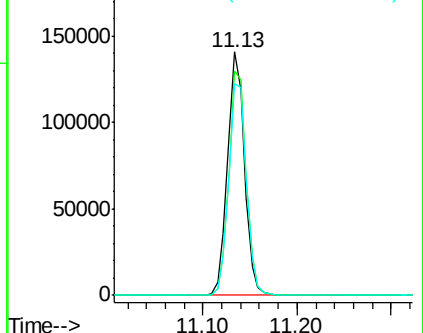
176 91.5 0.0 184.0



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: VX010415.D

Acq: 24 Jun 2019 16:37

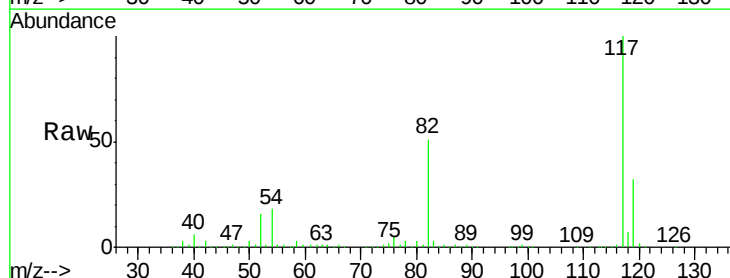
Tgt Ion: 117 Resp: 399555

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

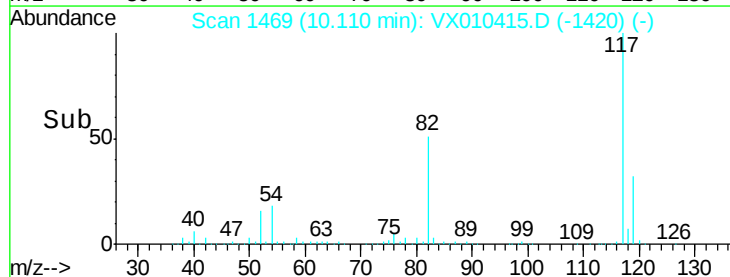
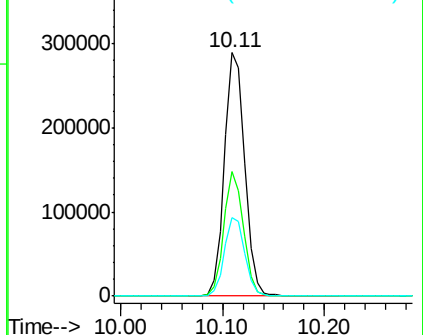
119 32.2 25.5 38.3

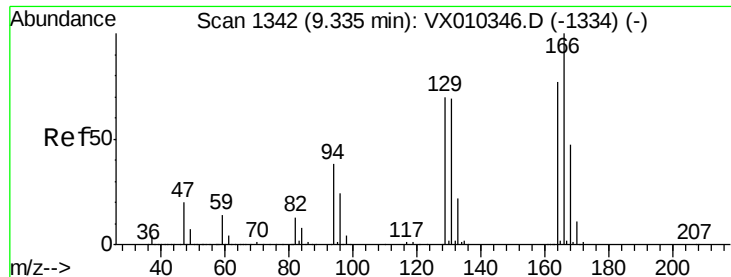


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#64

Tetrachloroethene

Concen: 7.535 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010415.D

Acq: 24 Jun 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

BAT-B02

Tot Ion:164 Resp: 24351

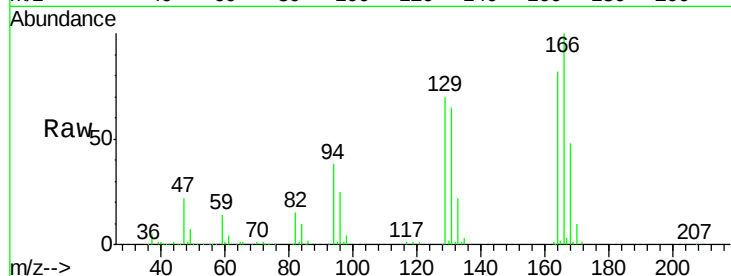
Ion Ratio Lower Upper

164 100

166 121.5 103.6 155.4

129 85.1 73.0 109.4

131 79.2 71.0 106.4

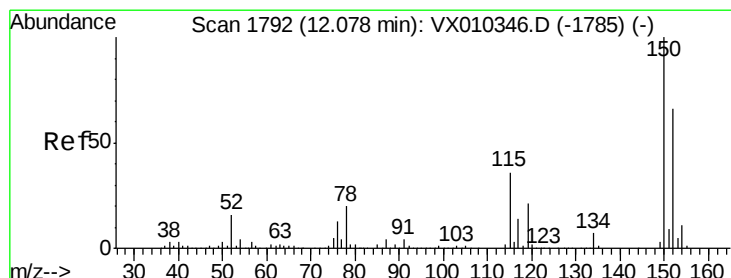
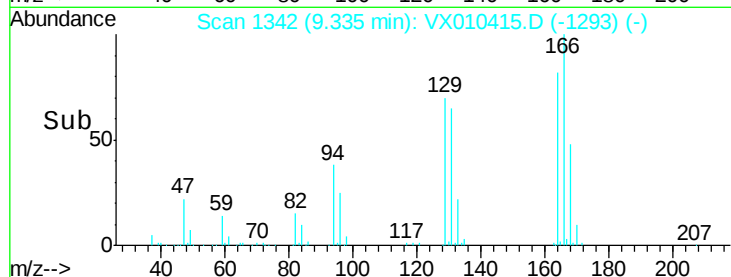
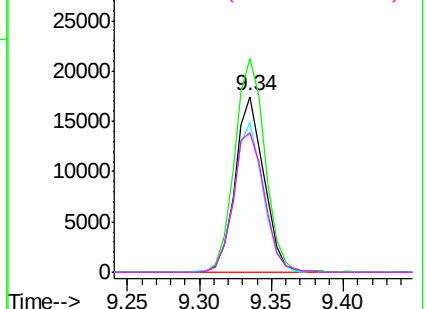


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010415.D

Acq: 24 Jun 2019 16:37

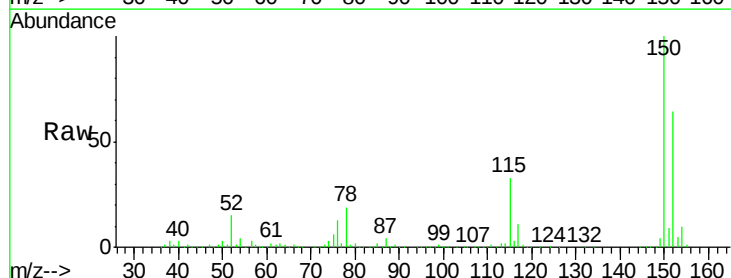
Tgt Ion:152 Resp: 185097

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

150 157.7 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

