

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010874.D
 Acq On : 15 Jul 2019 11:12
 Operator : JC/SP
 Sample : K3779-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 390711762-TRIP-BLANK

Quant Time: Jul 16 09:46:55 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

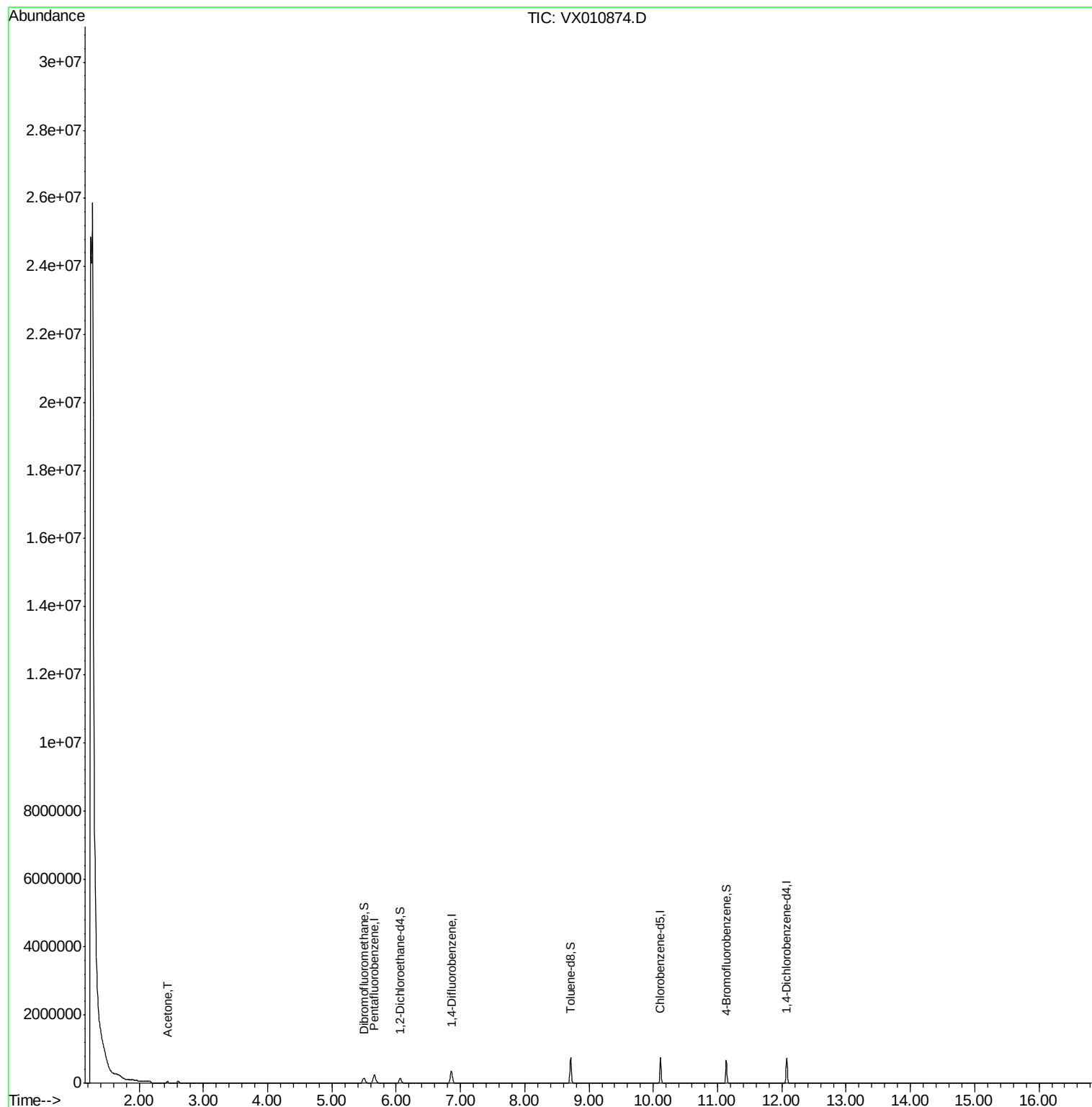
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126555	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.84%	
35) Dibromofluoromethane	5.50	113	119904	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	8.71	98	451177	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.13	95	160981	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
16) Acetone	2.45	43	42047	37.069	ug/l	Qvalue 97

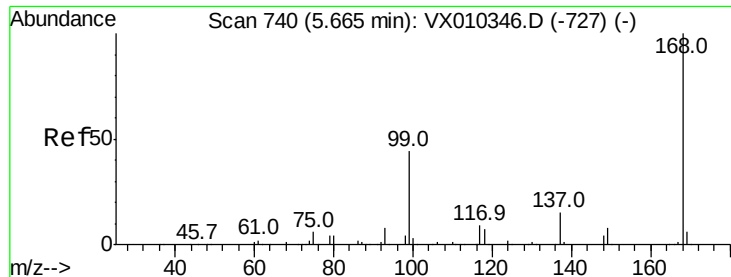
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 03:31:56 2019
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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: VX010874.D

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Instrument :

MSVOA_X

ClientSampleId :

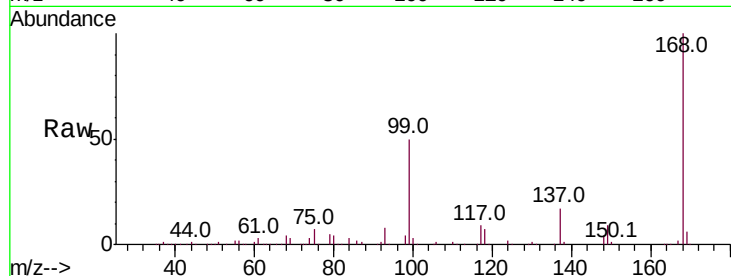
390711762-TRIP-BLANK

Tot Ion:168 Resp: 241393

Ion Ratio Lower Upper

168 100

99 50.3 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

80000

60000

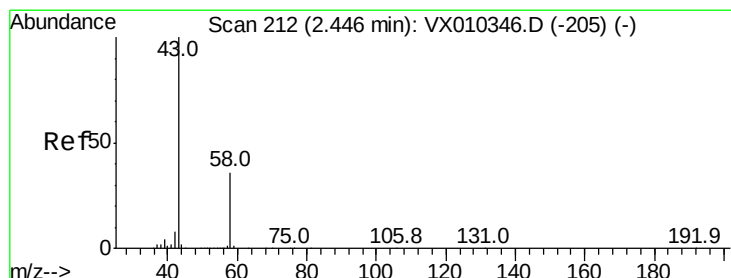
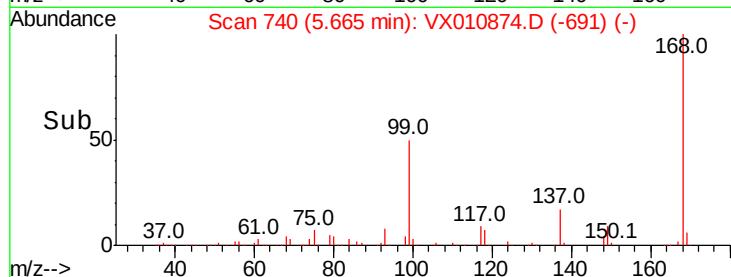
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 37.069 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010874.D

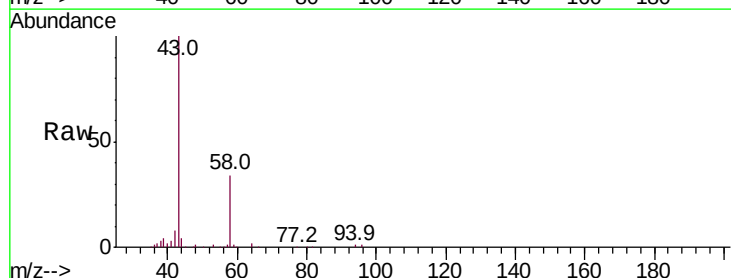
Acq: 15 Jul 2019 11:12

Tgt Ion: 43 Resp: 42047

Ion Ratio Lower Upper

43 100

58 34.1 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

25000

20000

15000

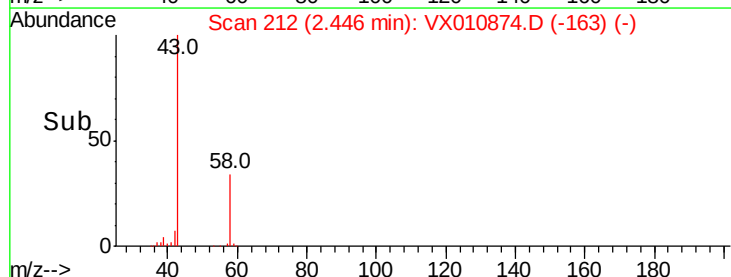
10000

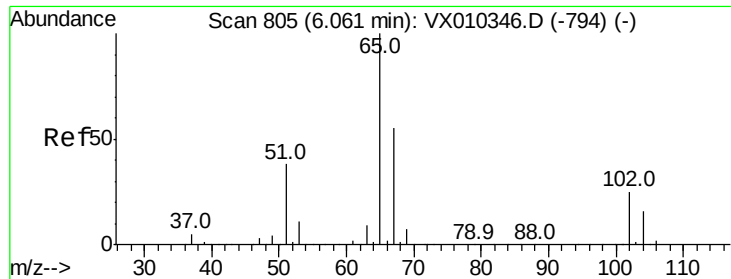
5000

0

Time-->

2.40 2.50 2.60





#33

1,2-Dichloroethane-d4

Concen: 55.916 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010874.D

Acq: 15 Jul 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

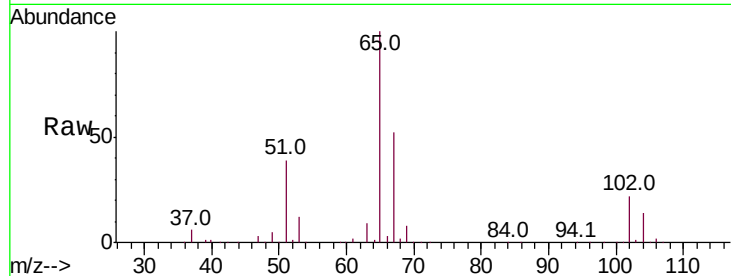
390711762-TRIP-BLANK

Tot Ion: 65 Resp: 126555

Ion Ratio Lower Upper

65 100

67 53.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

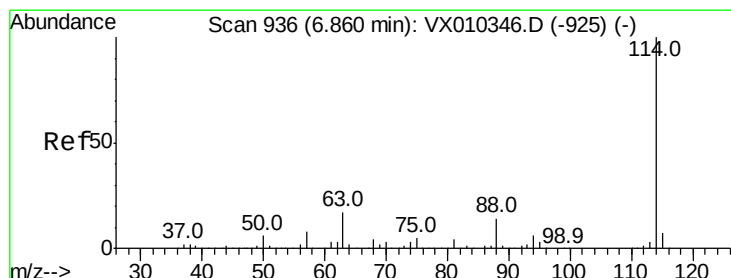
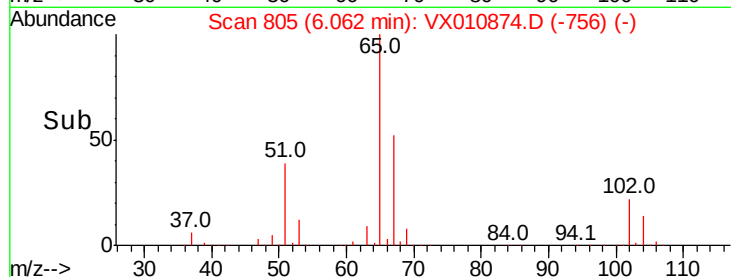
20000

10000

0

Time-->

5.90 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: VX010874.D

Acq: 15 Jul 2019 11:12

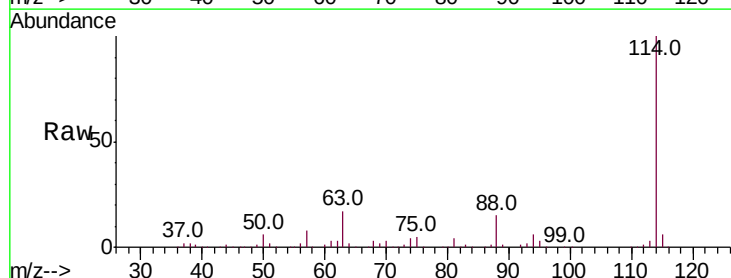
Tgt Ion:114 Resp: 375913

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

88 15.3 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

200000

150000

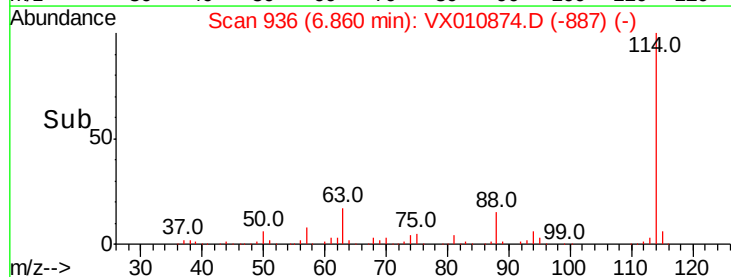
100000

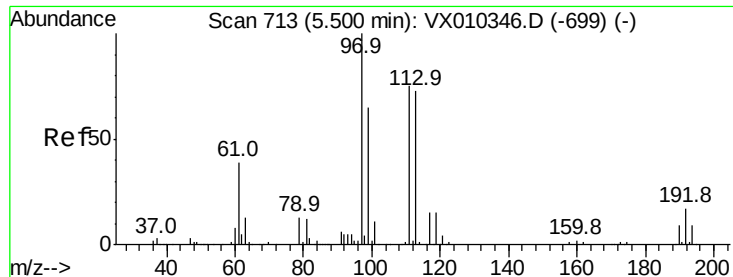
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 52.133 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010874.D

Acq: 15 Jul 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

390711762-TRIP-BLANK

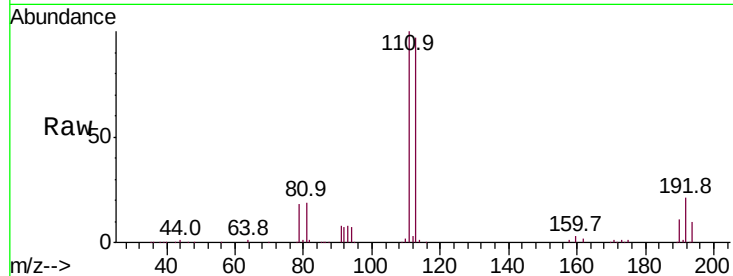
Tot Ion:113 Resp: 119904

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

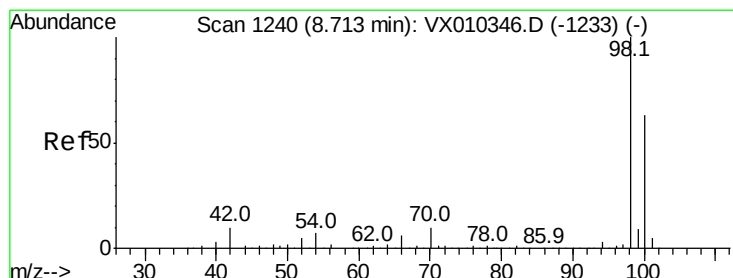
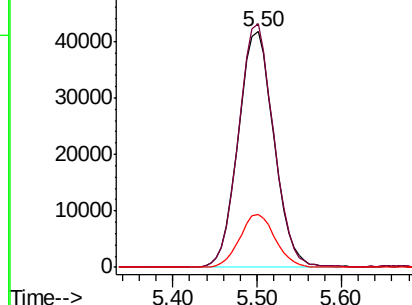
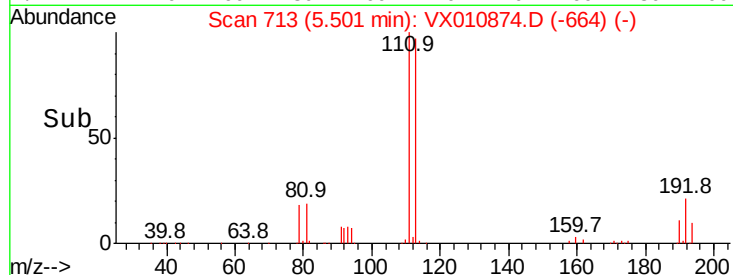
192 22.3 18.6 27.8



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



#50

Toluene-d8

Concen: 51.275 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010874.D

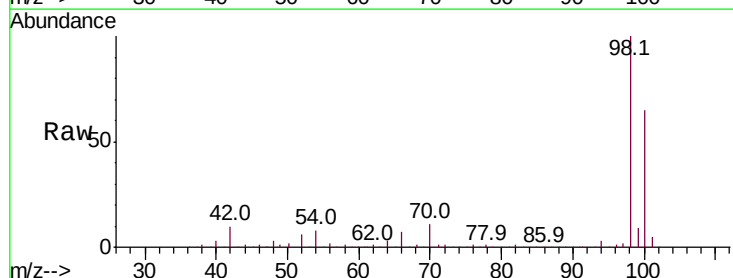
Acq: 15 Jul 2019 11:12

Tgt Ion: 98 Resp: 451177

Ion Ratio Lower Upper

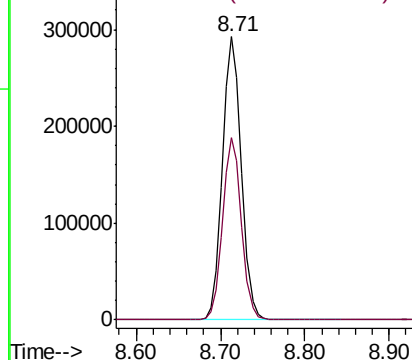
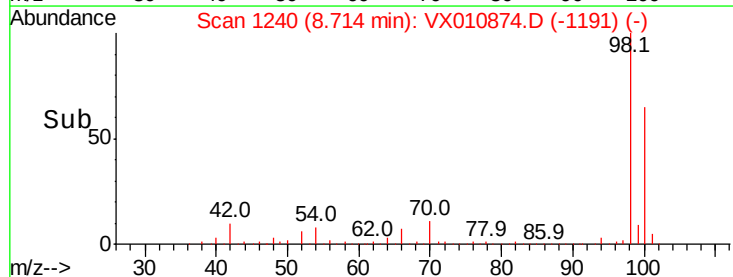
98 100

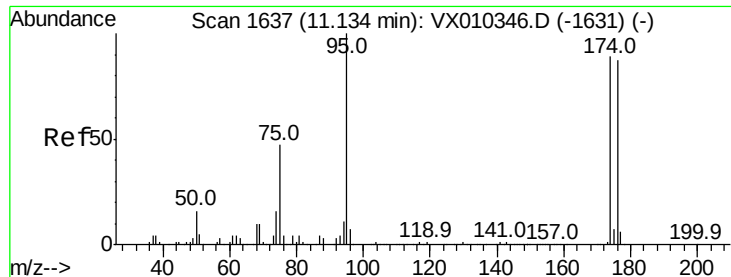
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.674 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010874.D

Acq: 15 Jul 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

390711762-TRIP-BLANK

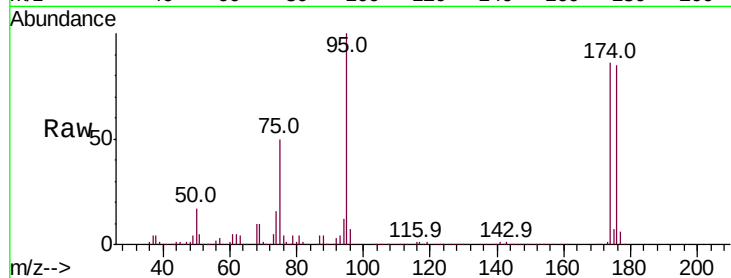
Tot Ion: 95 Resp: 160981

Ion Ratio Lower Upper

95 100

174 91.4 0.0 187.6

176 89.2 0.0 184.0

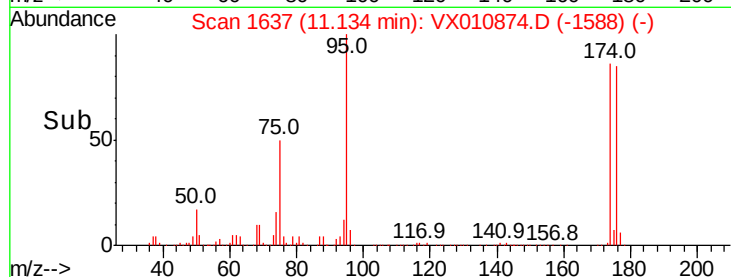


Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

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

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

Time--> 11.05 11.10 11.15 11.20

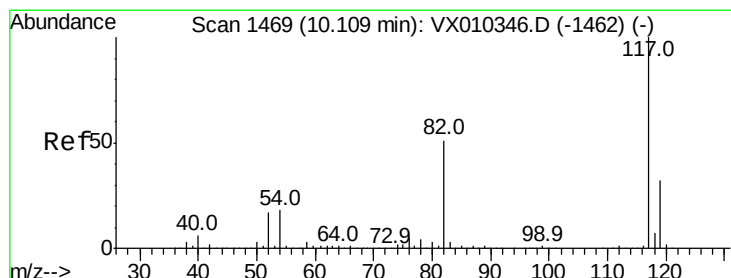


Abundance Ion 94.90 (94.60 to 95.60): VX010874.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010874.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010874.D (-1588) (-)

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010874.D

Acq: 15 Jul 2019 11:12

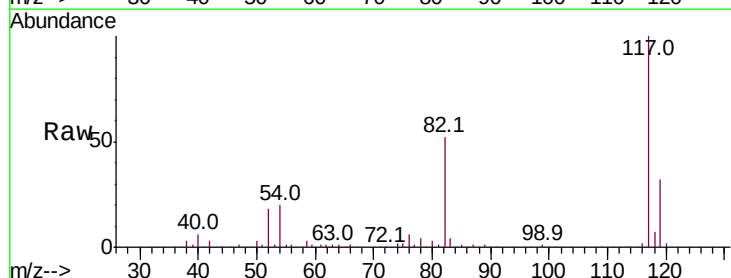
Tgt Ion: 117 Resp: 347828

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

119 32.2 25.5 38.3

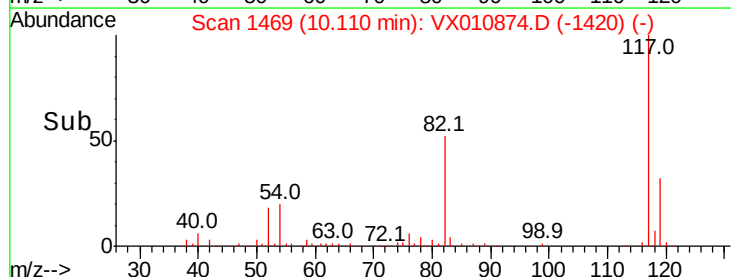


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

Time--> 10.05 10.10 10.15 10.20

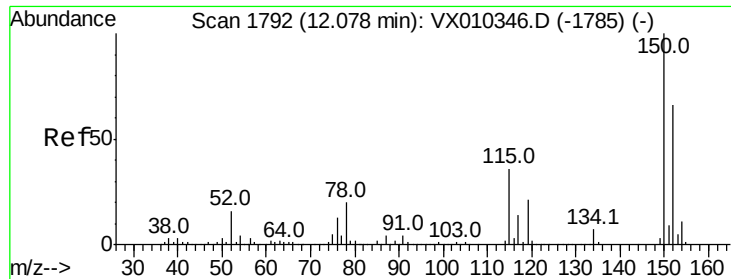


Abundance Ion 116.90 (116.60 to 117.60): VX010874.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010874.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010874.D (-1420) (-)

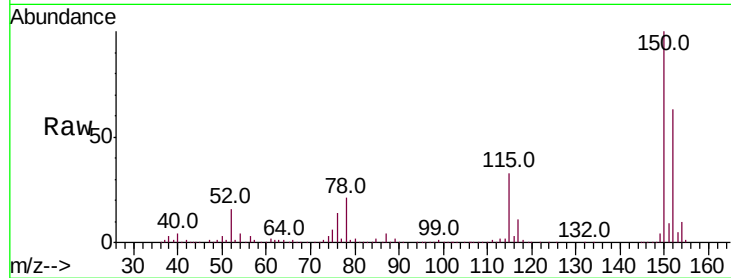
Time--> 10.05 10.10 10.15 10.20



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010874.D
 Acq: 15 Jul 2019 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 390711762-TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.6	115.7
150	157.2	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

