

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009423.D
 Acq On : 09 May 2019 13:28
 Operator : JC/SP
 Sample : K2757-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-190508

Quant Time: May 10 07:38:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

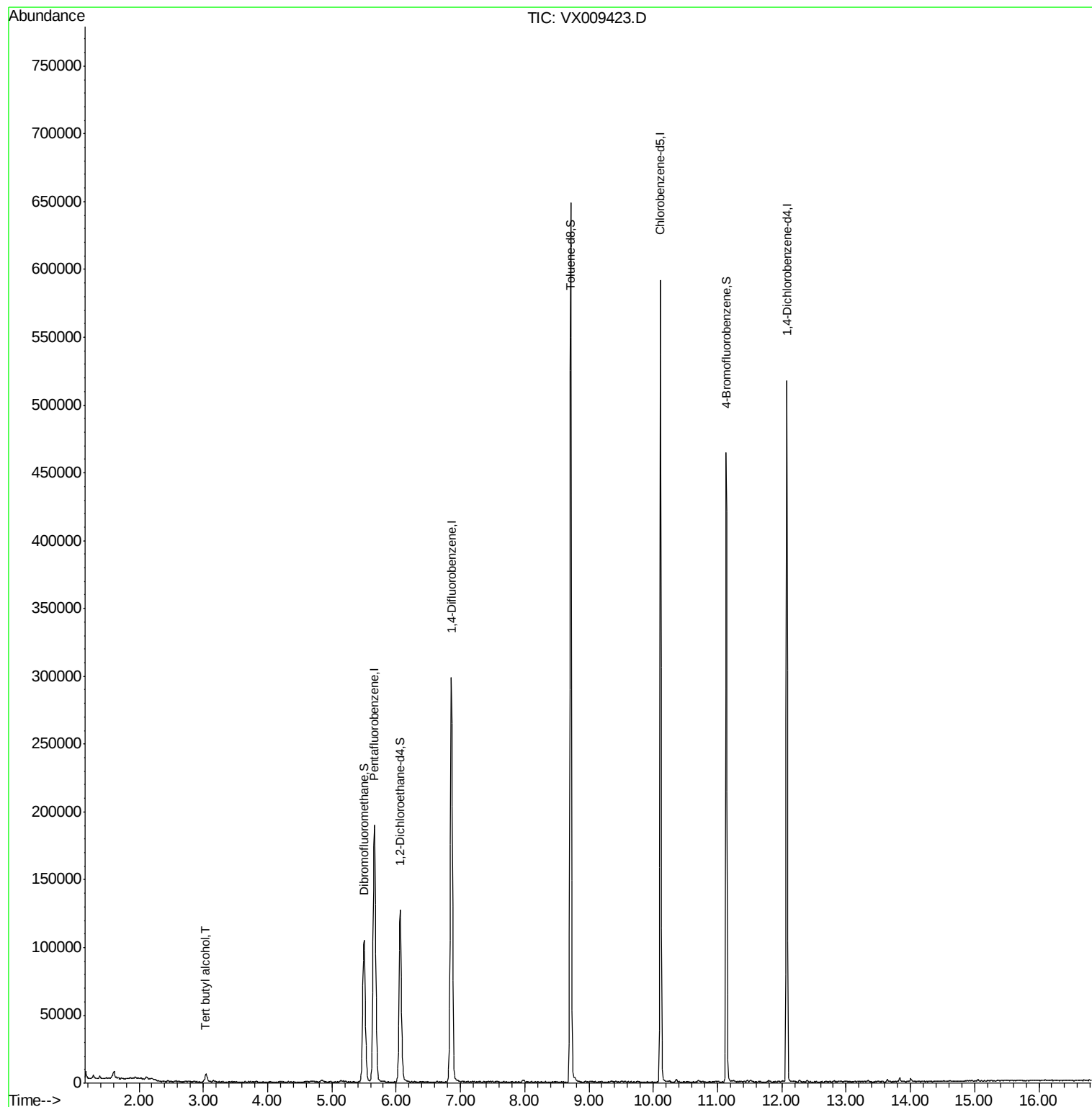
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120478	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	5.50	113	90091	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	371512	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.13	95	119800	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	6865	11.580	ug/l #	93

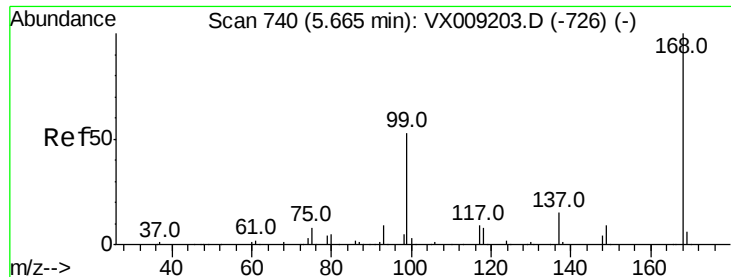
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009423.D

Acq: 09 May 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

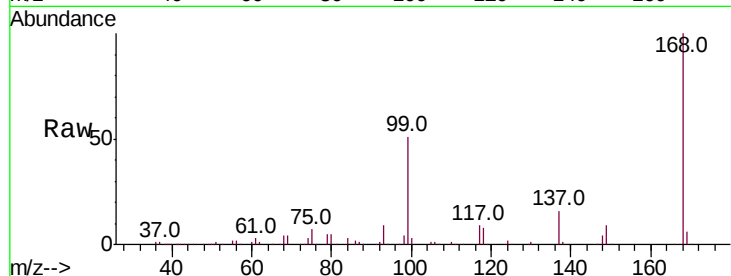
RB-190508

Tot Ion:168 Resp: 187610

Ion Ratio Lower Upper

168 100

99 51.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

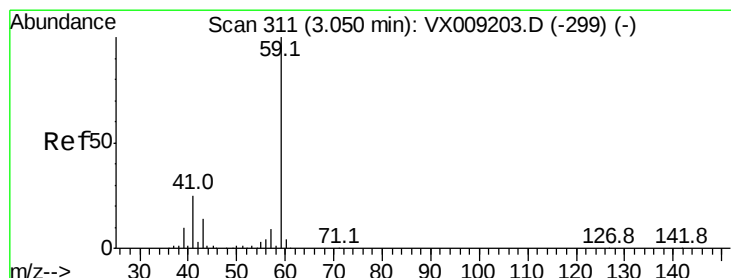
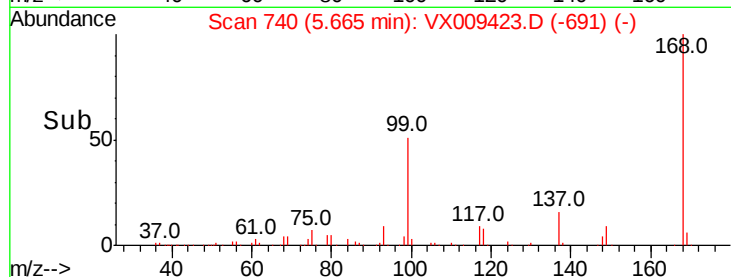
40000

20000

0

5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 11.580 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009423.D

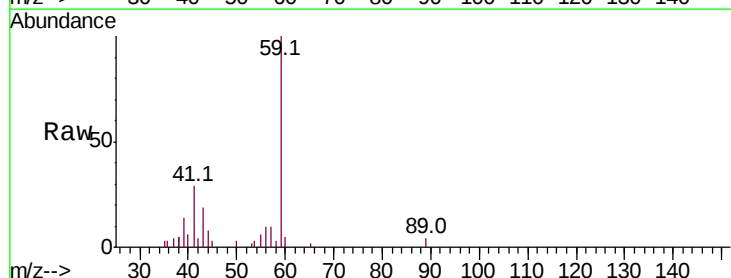
Acq: 09 May 2019 13:28

Tgt Ion: 59 Resp: 6865

Ion Ratio Lower Upper

59 100

57 12.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3000

2500

2000

1500

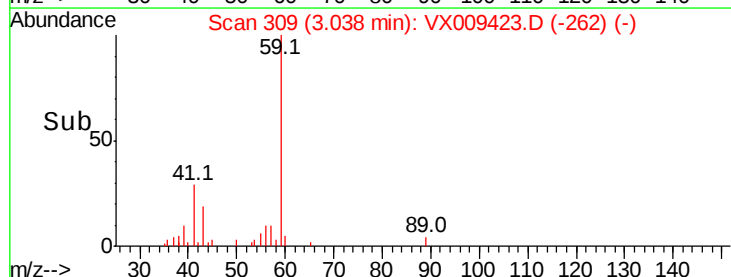
1000

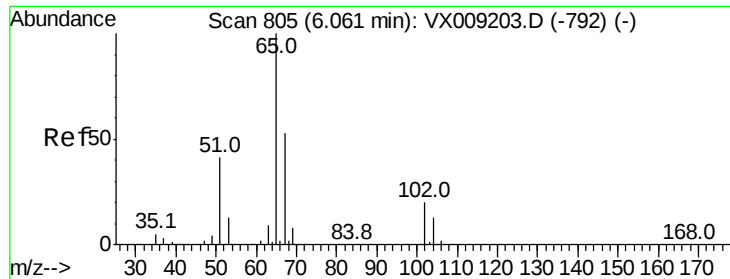
500

0

3.00 3.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.042 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009423.D

Acq: 09 May 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

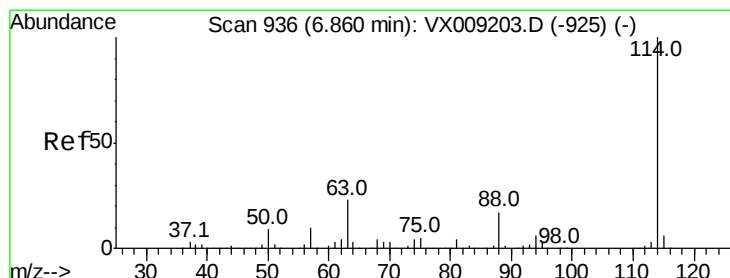
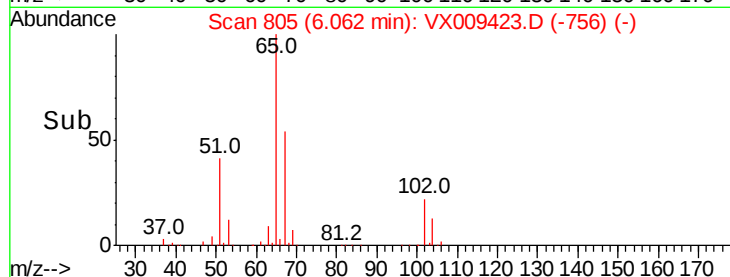
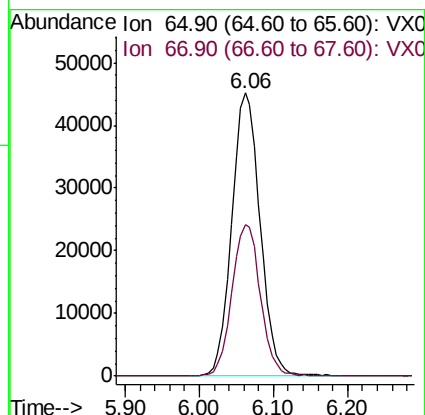
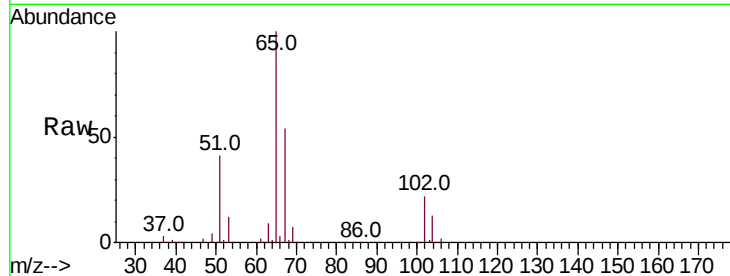
RB-190508

Tot Ion: 65 Resp: 120478

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009423.D

Acq: 09 May 2019 13:28

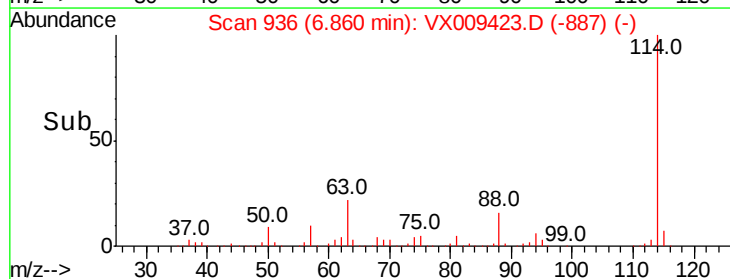
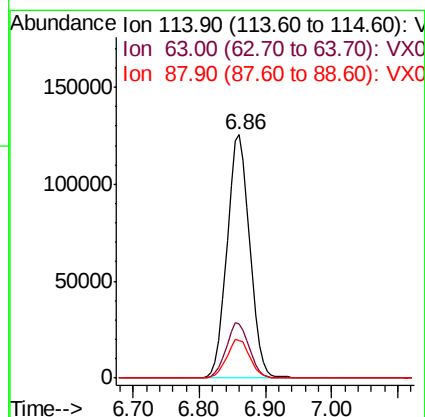
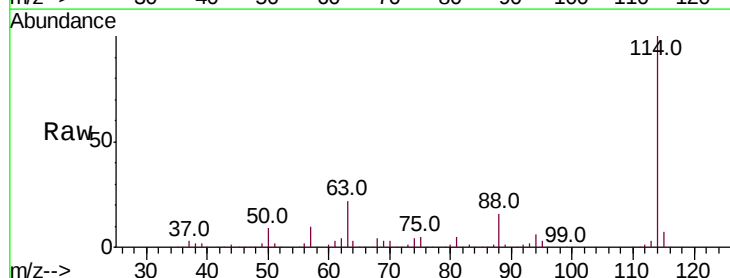
Tgt Ion:114 Resp: 298520

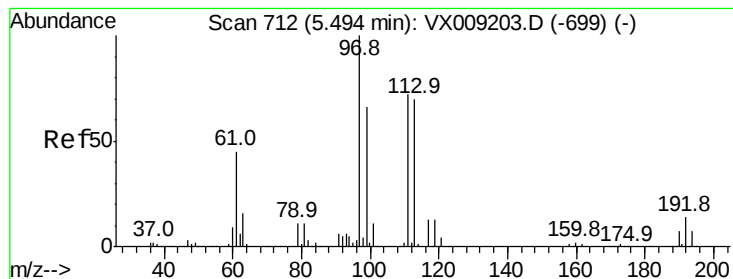
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.007 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009423.D

Acq: 09 May 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

RB-190508

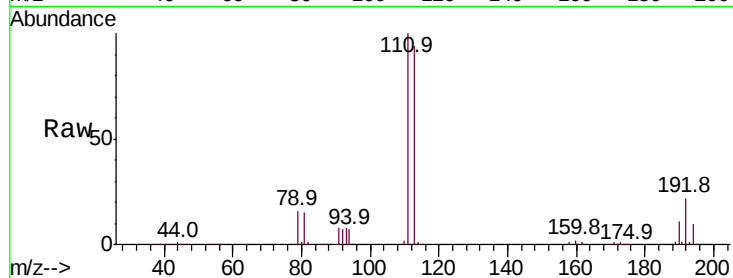
Tot Ion:113 Resp: 90091

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

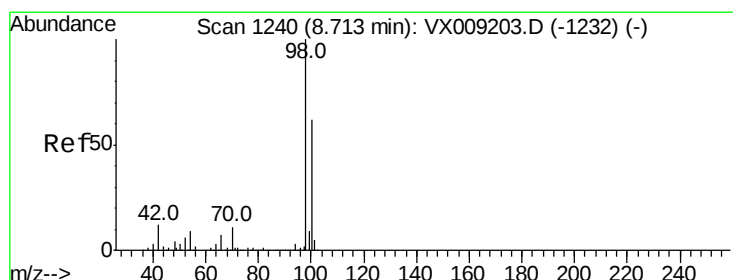
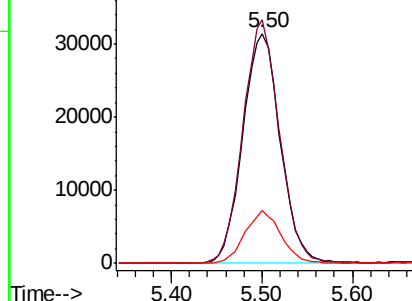
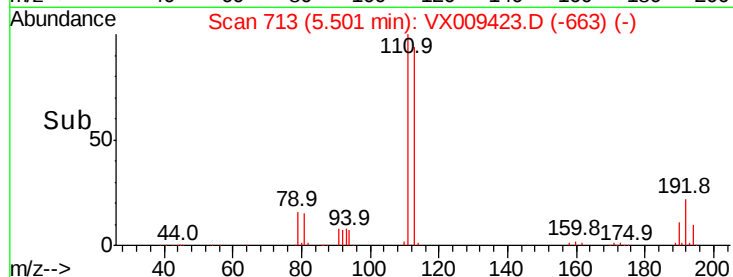
192 22.0 17.0 25.6



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: 49.036 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009423.D

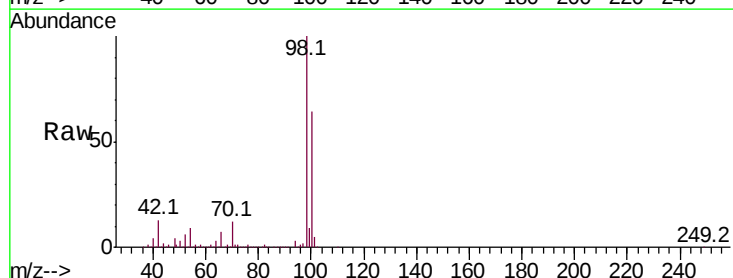
Acq: 09 May 2019 13:28

Tgt Ion: 98 Resp: 371512

Ion Ratio Lower Upper

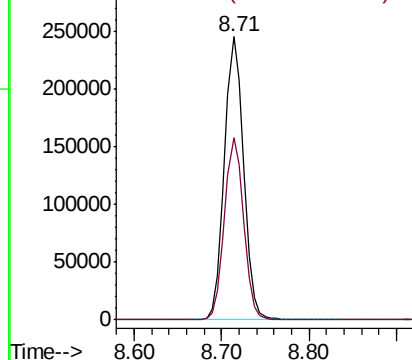
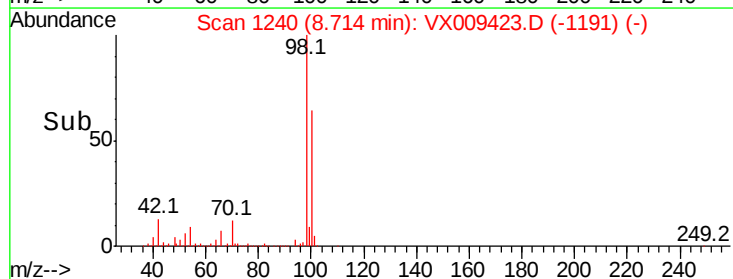
98 100

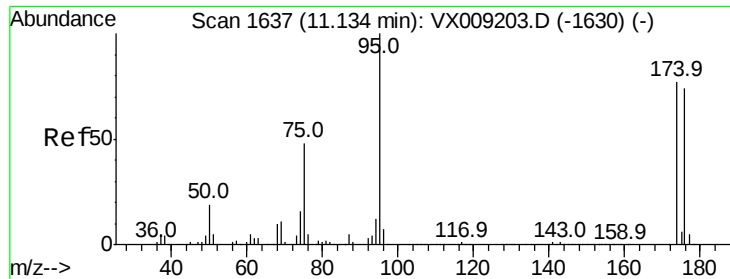
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.517 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009423.D

Acq: 09 May 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

RB-190508

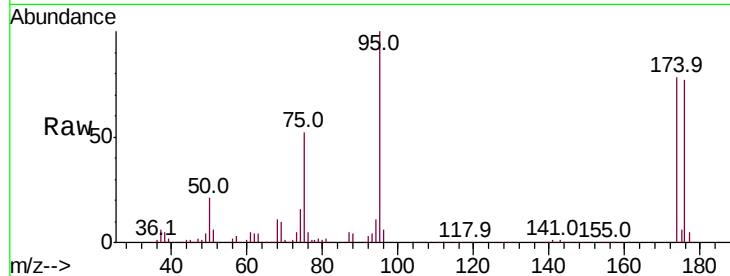
Tot Ion: 95 Resp: 119800

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

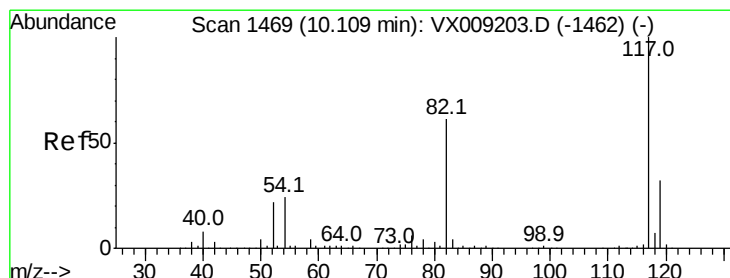
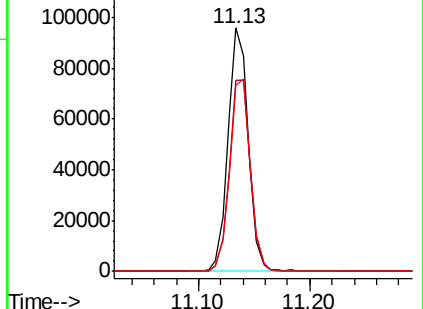
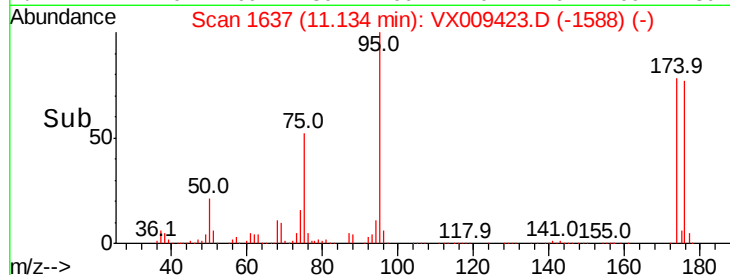
176 80.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009423.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009423.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009423.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009423.D

Acq: 09 May 2019 13:28

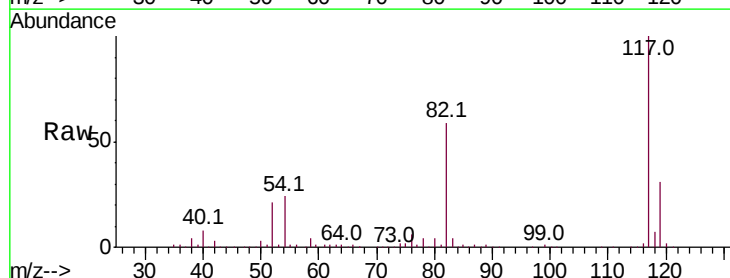
Tgt Ion: 117 Resp: 257918

Ion Ratio Lower Upper

117 100

82 59.2 48.8 73.2

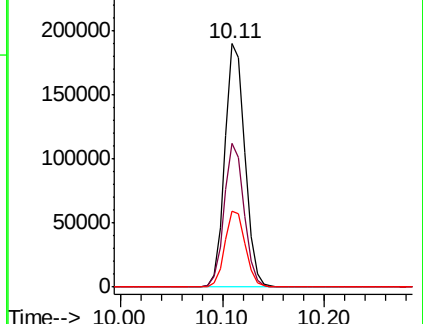
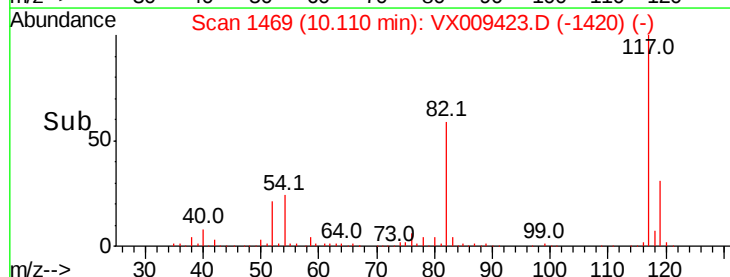
119 31.3 25.8 38.6

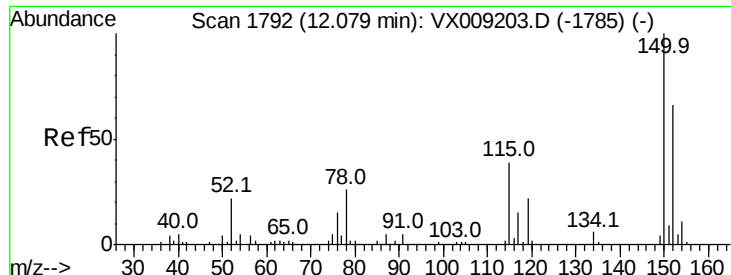


Abundance Ion 116.90 (116.60 to 117.60): VX009423.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009423.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009423.D (-1420) (-)

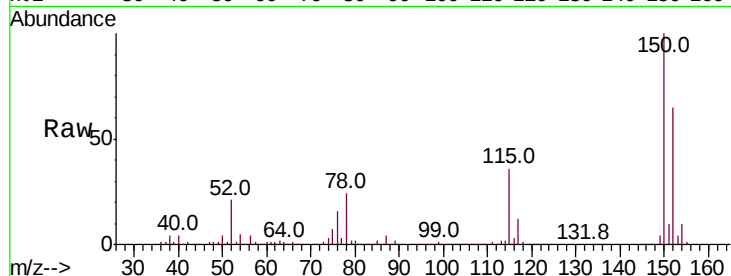




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009423.D
 Acq: 09 May 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-190508

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	158.4	0.0	346.4



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

