

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010616.D
 Acq On : 02 Jul 2019 14:50
 Operator : JC/SP
 Sample : K3638-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP

Quant Time: Jul 03 03:21:31 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

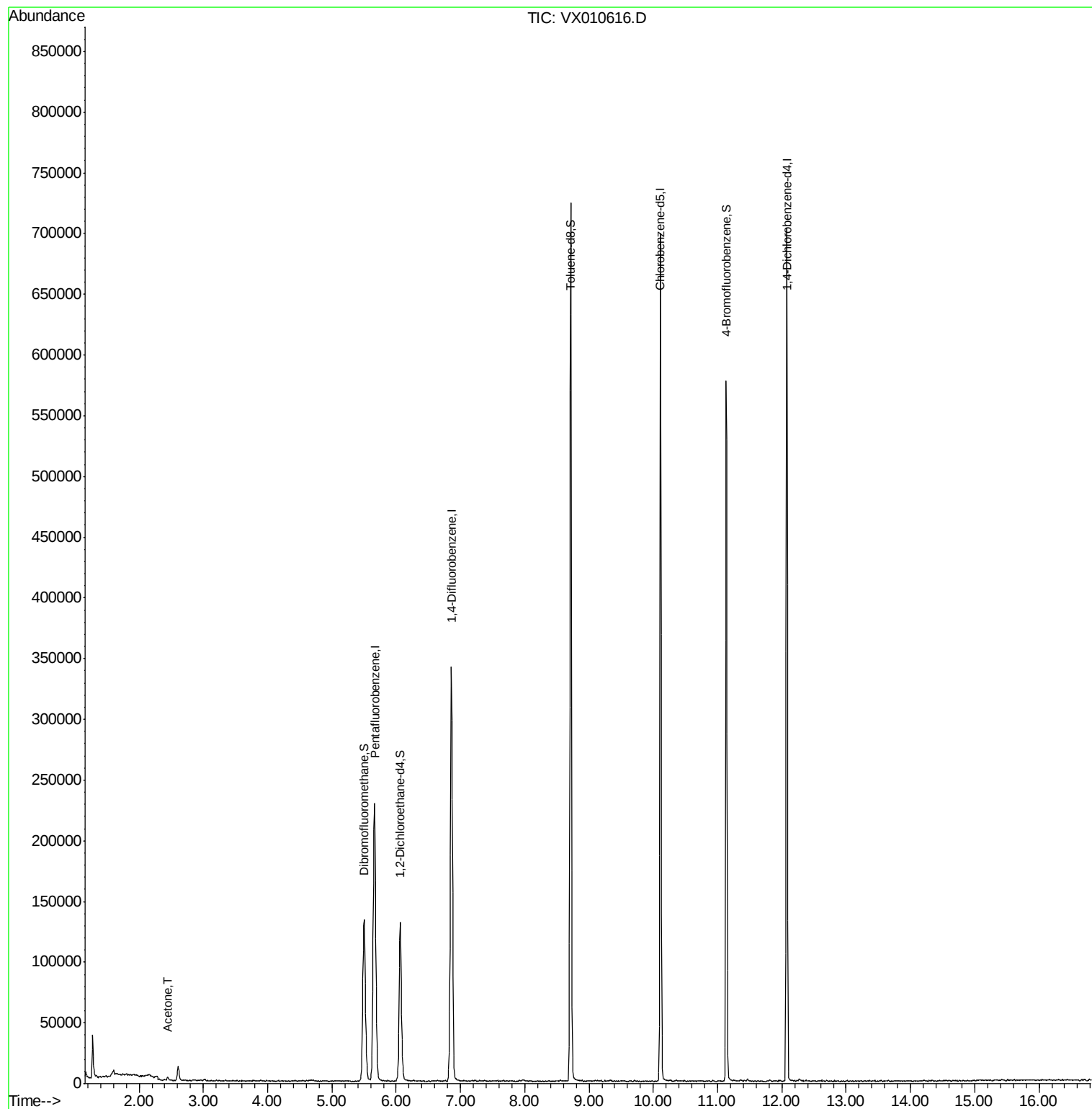
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118062	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
35) Dibromofluoromethane	5.50	113	112738	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	435858	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	144100	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
16) Acetone	2.44	43	3444	3.068	ug/l	Qvalue 90

(#) = 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: VX010616.D

Acq: 02 Jul 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

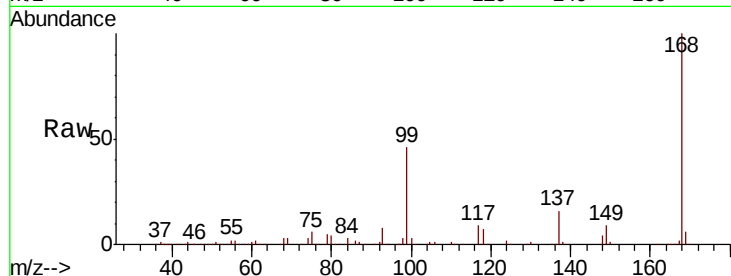
DUP

Tot Ion:168 Resp: 238926

Ion Ratio Lower Upper

168 100

99 45.6 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

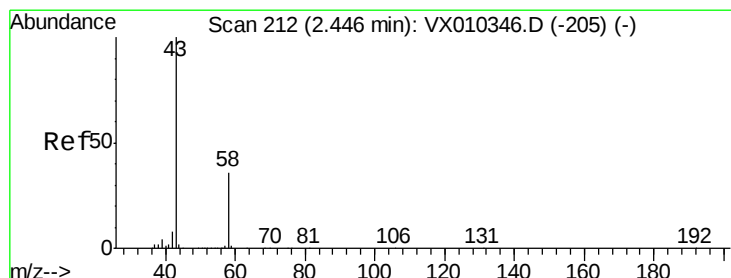
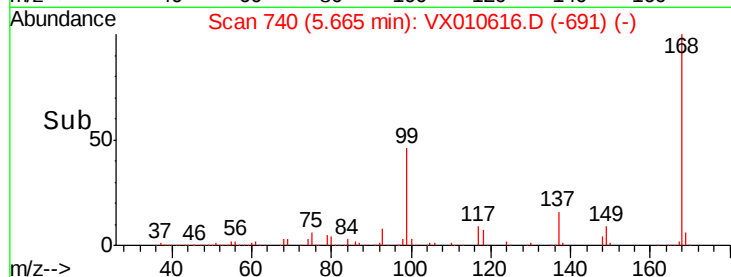
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.068 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010616.D

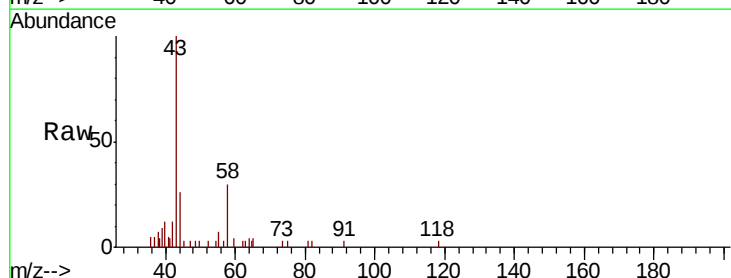
Acq: 02 Jul 2019 14:50

Tgt Ion: 43 Resp: 3444

Ion Ratio Lower Upper

43 100

58 30.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2000

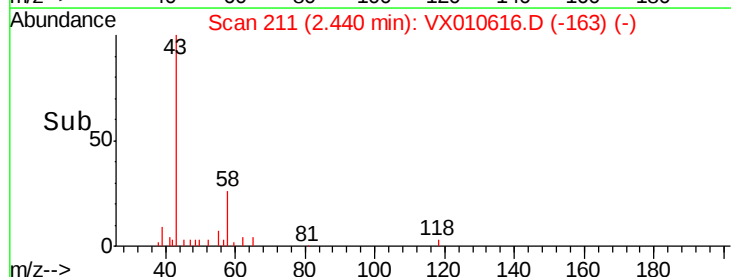
1500

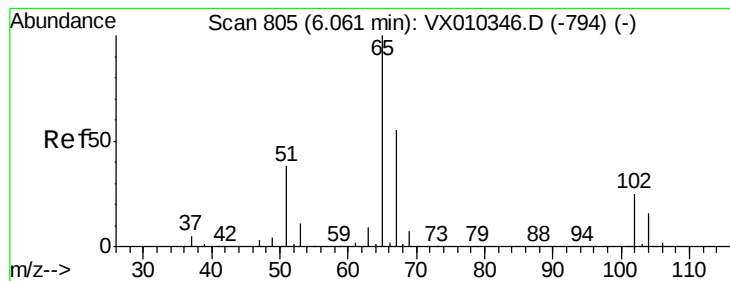
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 52.702 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010616.D

Acq: 02 Jul 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

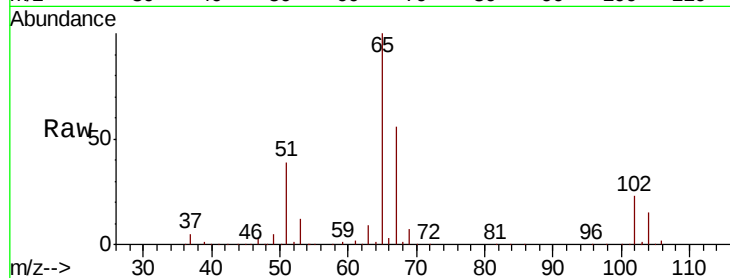
DUP

Tot Ion: 65 Resp: 118062

Ion Ratio Lower Upper

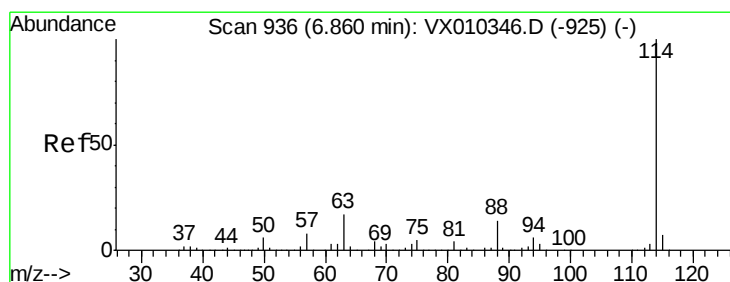
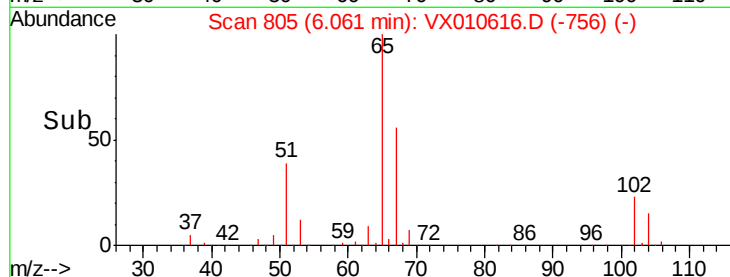
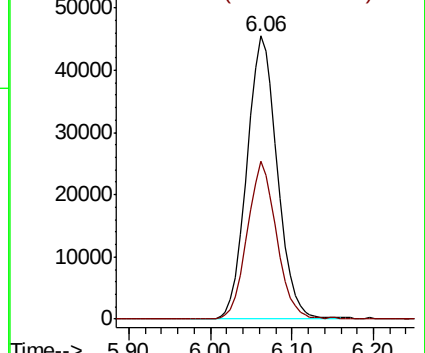
65 100

67 53.6 0.0 110.2



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: VX010616.D

Acq: 02 Jul 2019 14:50

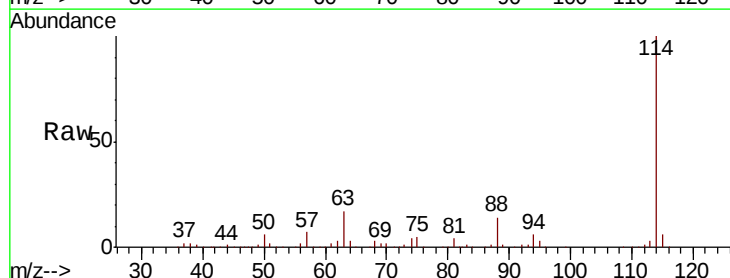
Tgt Ion: 114 Resp: 369147

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

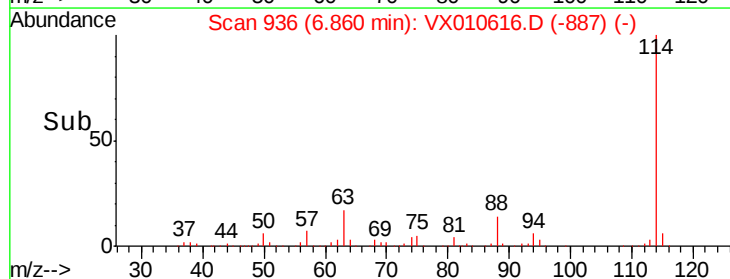
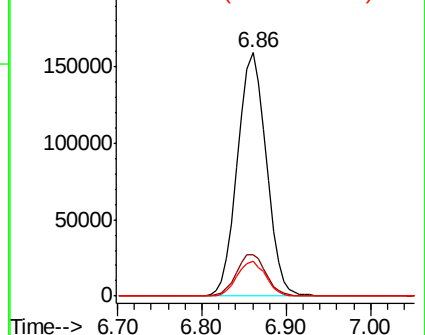
88 14.2 0.0 27.6

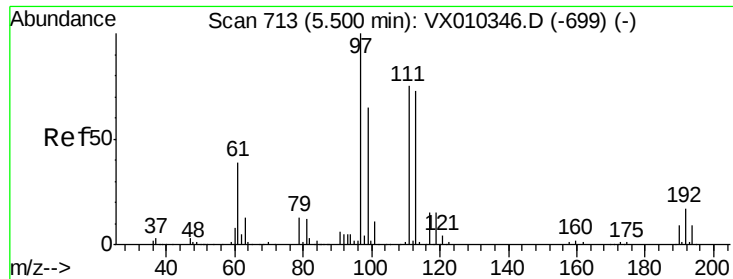


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

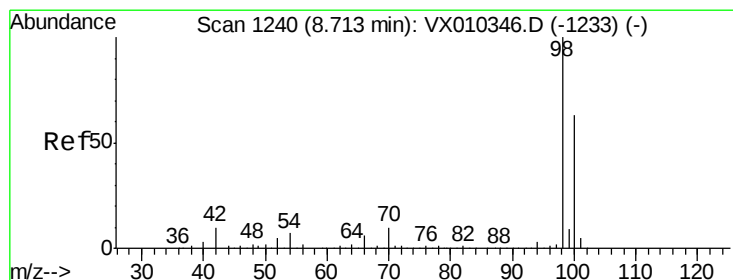
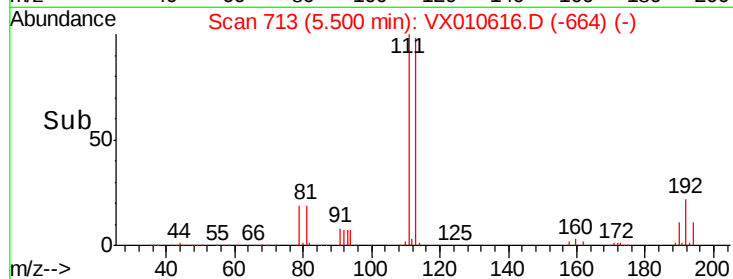
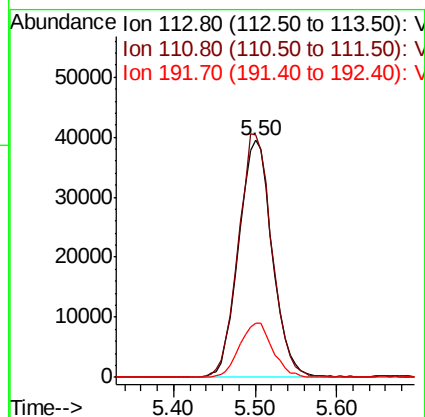
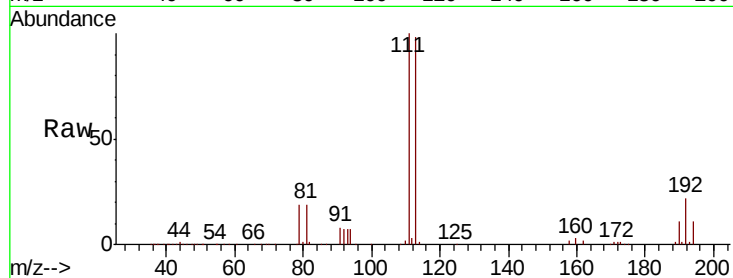




#35
 Dibromofluoromethane
 Concen: 49.916 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

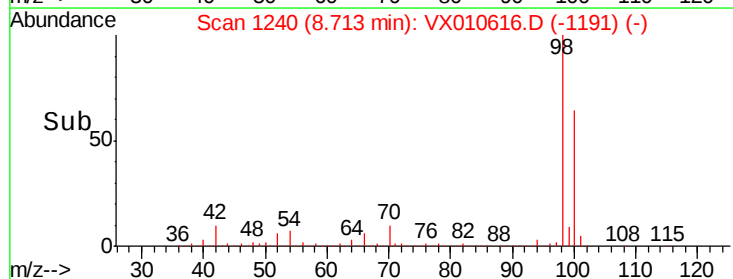
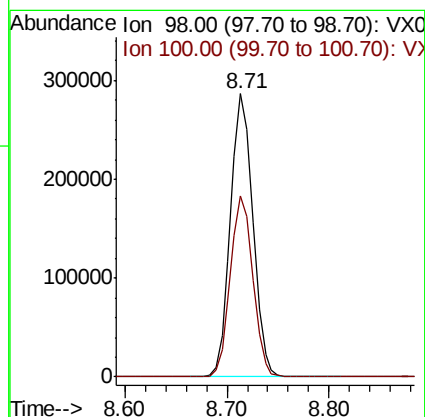
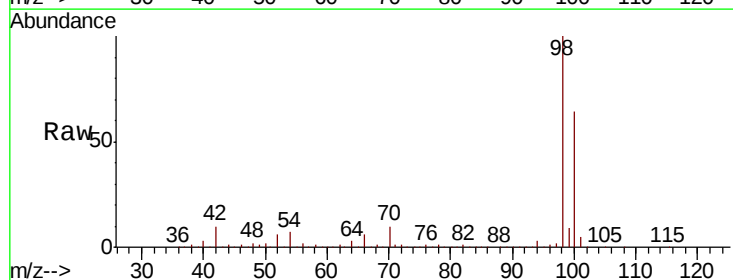
Instrument :
 MSVOA_X
 ClientSampled :
 DUP

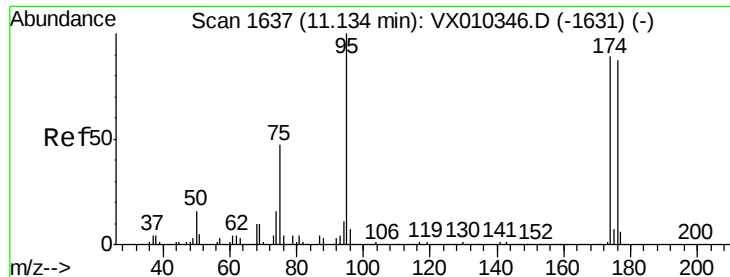
Tot Ion:113 Resp: 112738
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.2 121.8
 192 22.6 18.6 27.8



#50
 Toluene-d8
 Concen: 50.441 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

Tgt Ion: 98 Resp: 435858
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 46.192 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010616.D

Acq: 02 Jul 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

DUP

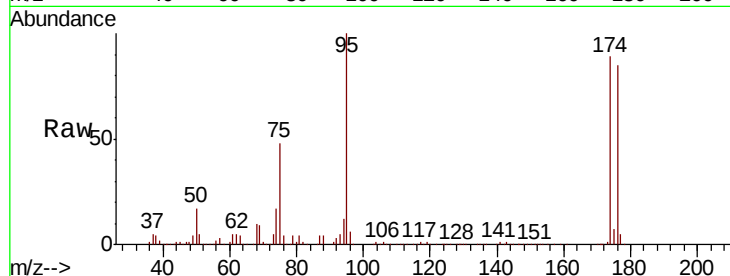
Tot Ion: 95 Resp: 144100

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.6

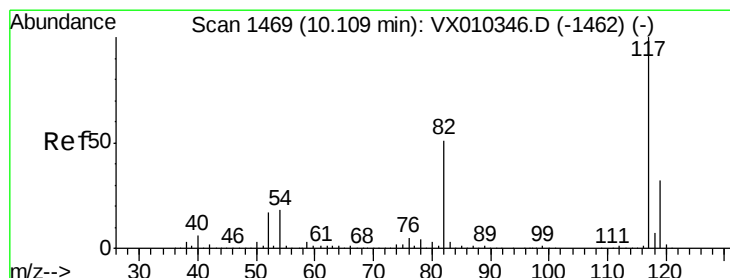
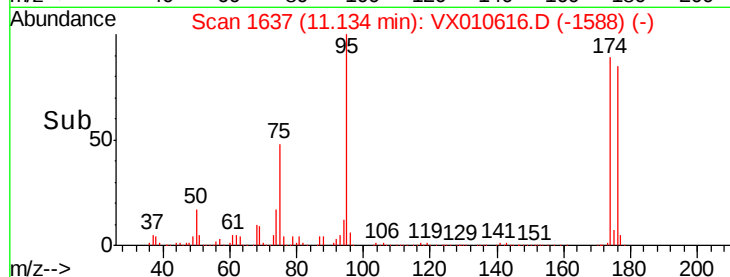
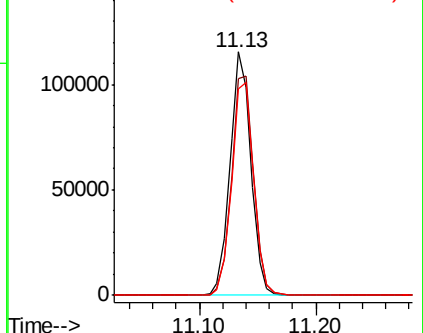
176 92.5 0.0 184.0



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: VX010616.D

Acq: 02 Jul 2019 14:50

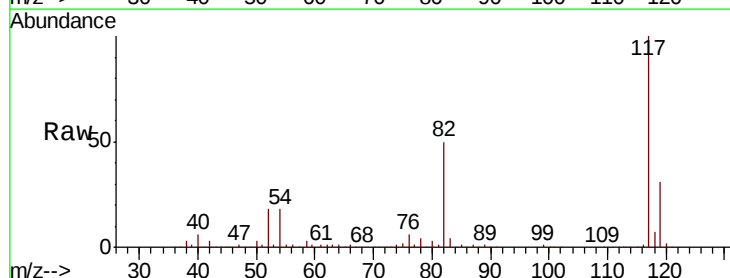
Tgt Ion: 117 Resp: 334596

Ion Ratio Lower Upper

117 100

82 50.3 41.2 61.8

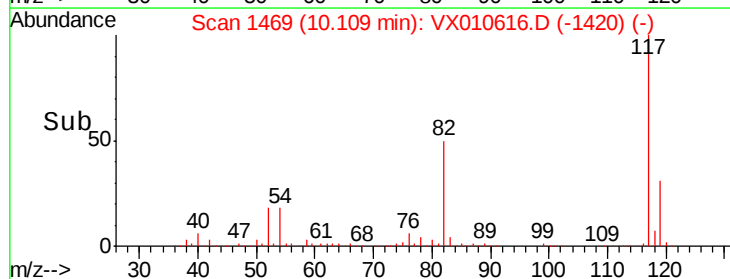
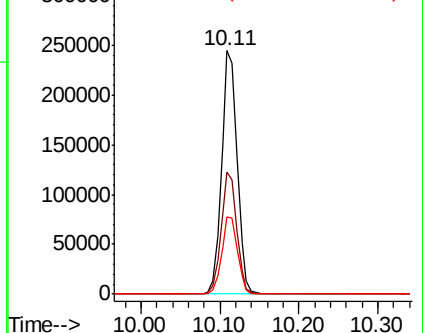
119 31.5 25.5 38.3

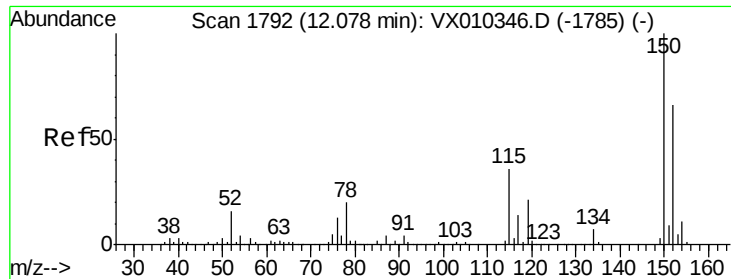


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

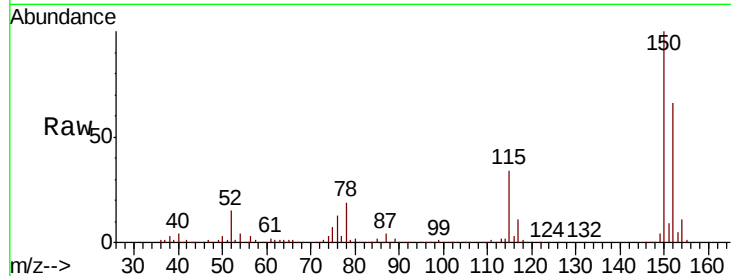




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.6	115.7
150	157.5	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

