

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010717.D
 Acq On : 09 Jul 2019 00:23
 Operator : JC/SP
 Sample : K3691-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW001-190704

Quant Time: Jul 09 03:38:16 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

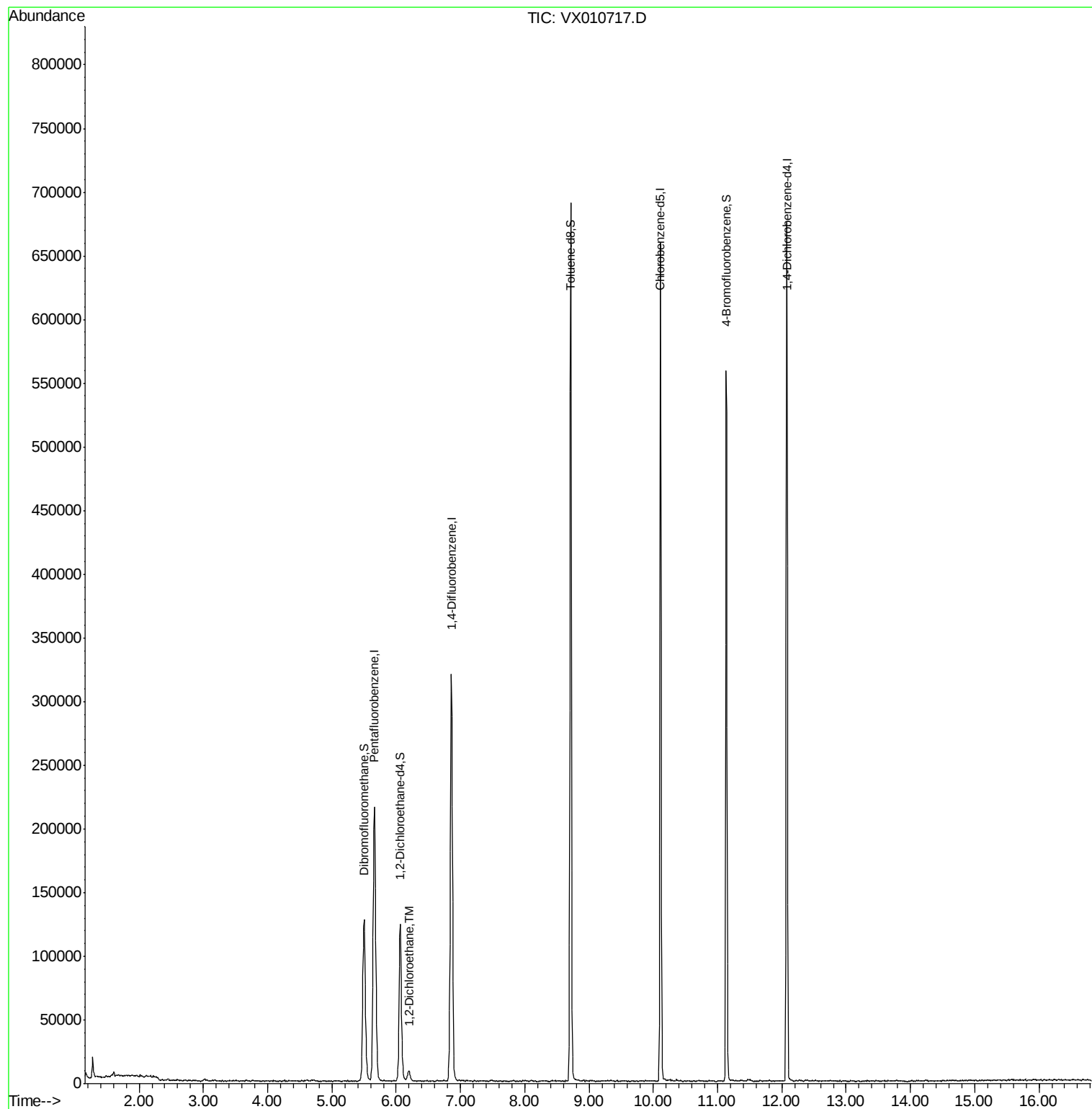
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346858	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111869	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
35) Dibromofluoromethane	5.50	113	105639	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	8.71	98	415870	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	142688	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
Target Compounds						
42) 1,2-Dichloroethane	6.20	62	8192	3.134	ug/l	Qvalue 91

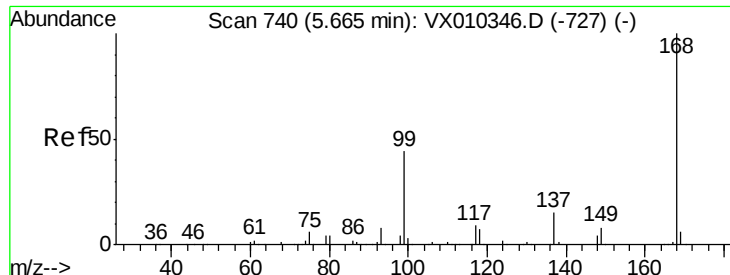
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010717.D

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Instrument :

MSVOA_X

ClientSampleId :

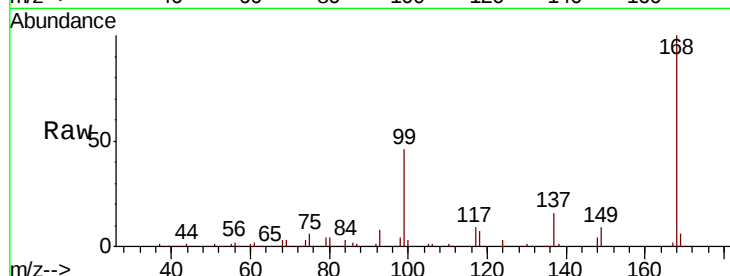
WP022MW001-190704

Tgt Ion:168 Resp: 223947

Ion Ratio Lower Upper

168 100

99 45.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.67

80000

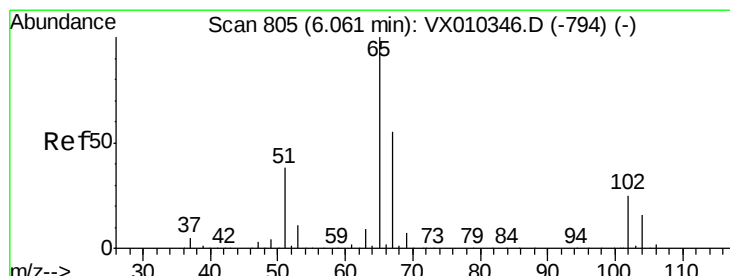
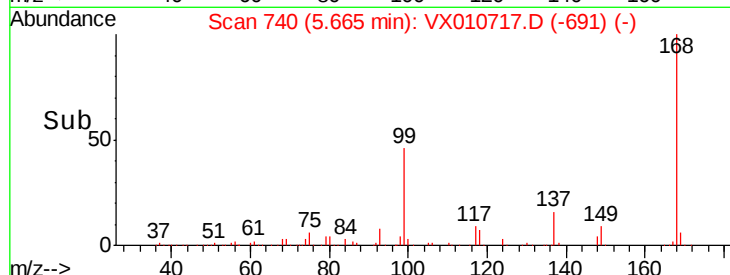
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.278 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010717.D

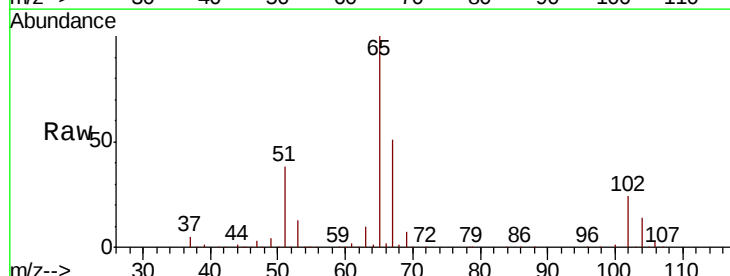
Acq: 09 Jul 2019 00:23

Tgt Ion: 65 Resp: 111869

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX010346.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX010346.D (-794) (-)

6.06

50000

40000

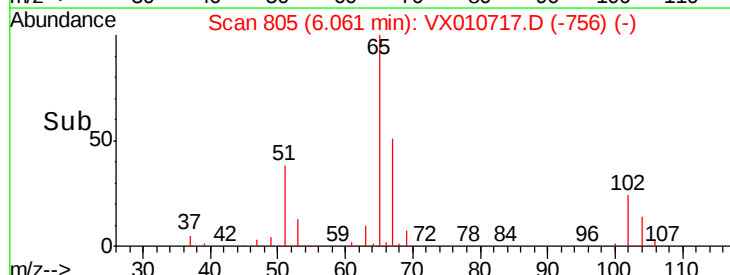
30000

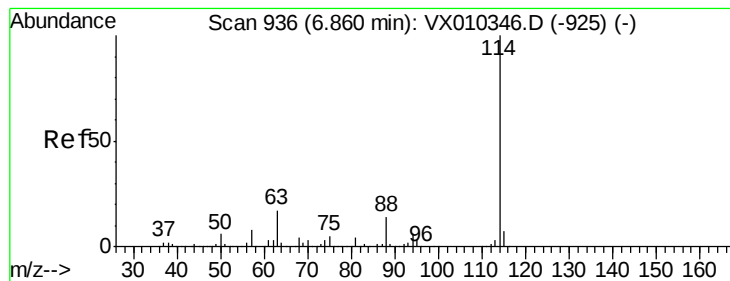
20000

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: VX010717.D

Acq: 09 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW001-190704

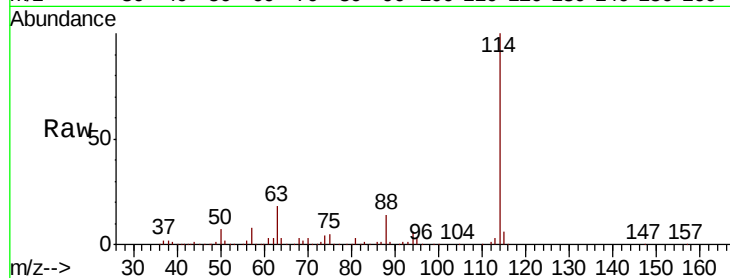
Tgt Ion:114 Resp: 346858

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

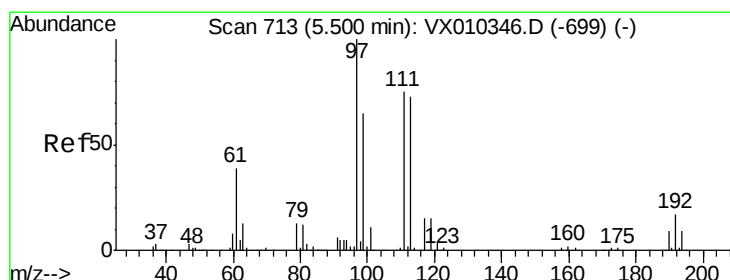
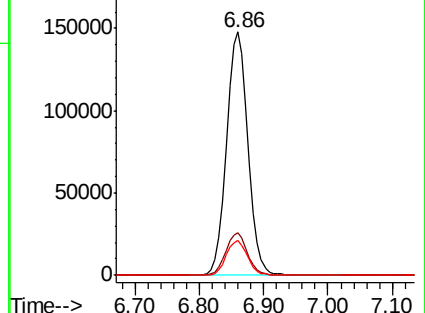
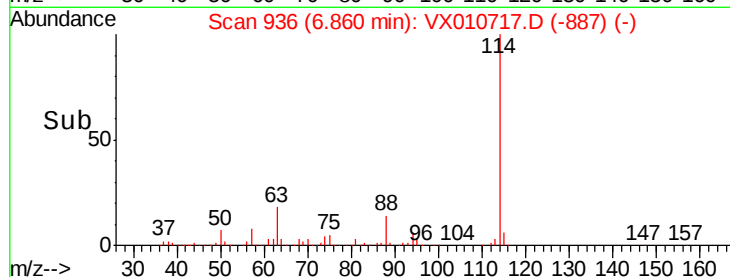
88 14.4 0.0 27.6



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: 49.778 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010717.D

Acq: 09 Jul 2019 00:23

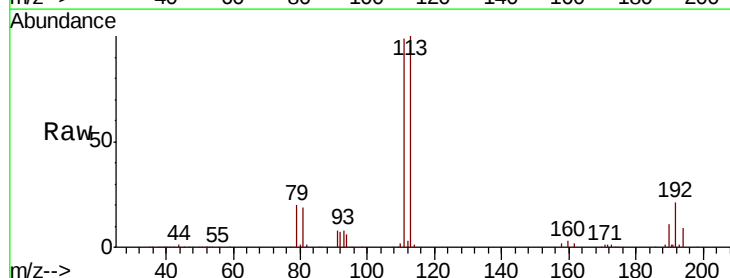
Tgt Ion:113 Resp: 105639

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

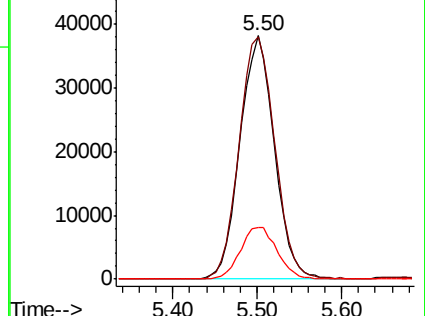
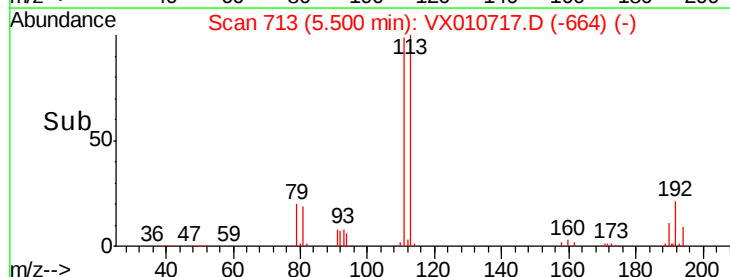
192 22.6 18.6 27.8

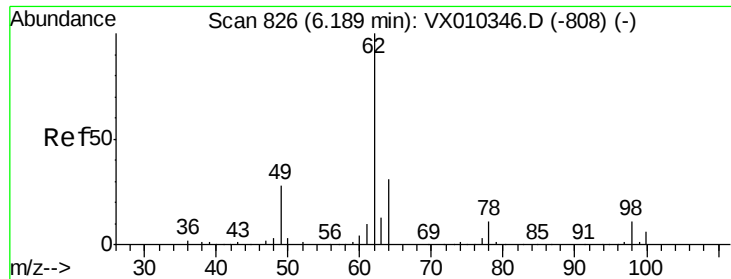


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

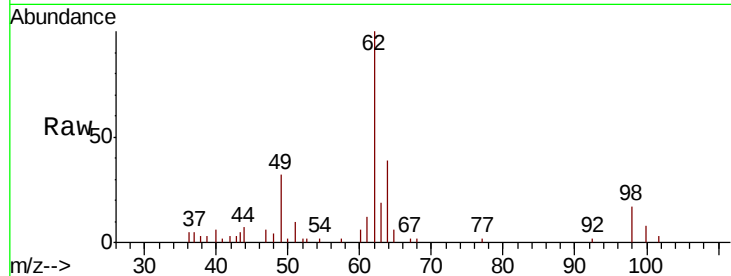




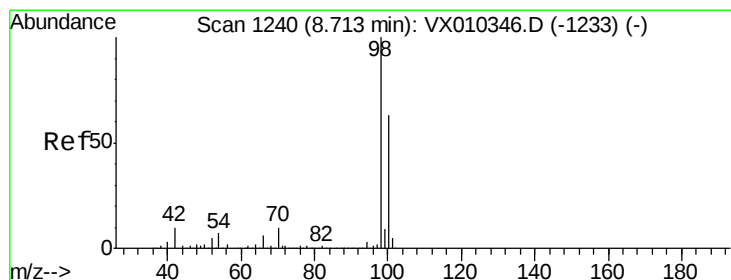
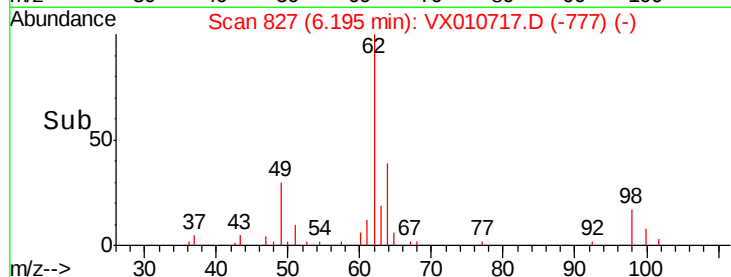
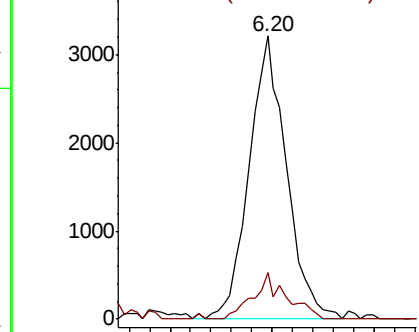
#42
 1,2-Dichloroethane
 Concen: 3.134 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: VX010717.D
 Acq: 09 Jul 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW001-190704

Tgt Ion: 62 Resp: 8192
 Ion Ratio Lower Upper
 62 100
 98 14.7 0.0 22.2

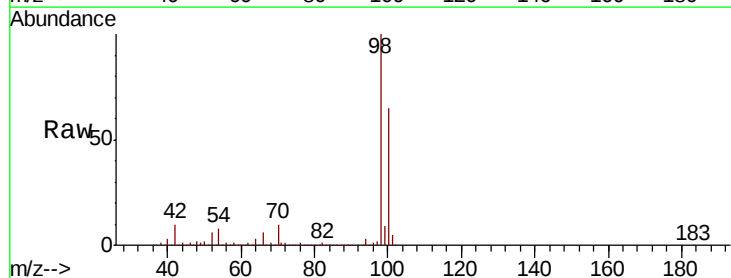


Abundance Ion 61.90 (61.60 to 62.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

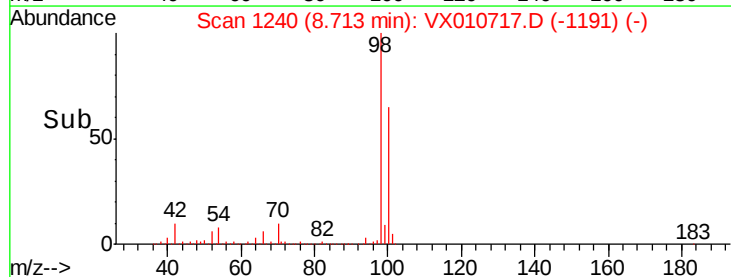
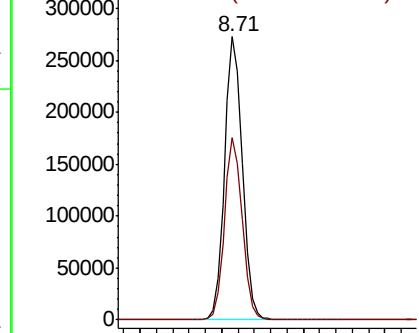


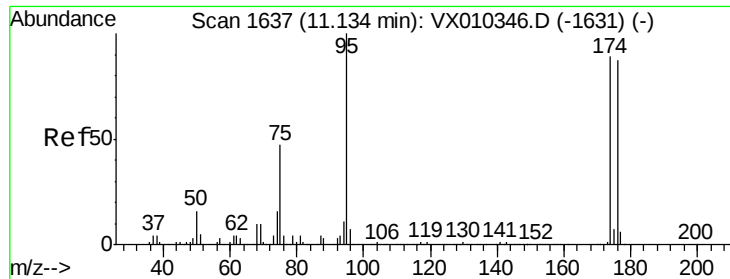
#50
 Toluene-d8
 Concen: 51.221 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010717.D
 Acq: 09 Jul 2019 00:23

Tgt Ion: 98 Resp: 415870
 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





#62

4-Bromofluorobenzene

Concen: 48.678 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010717.D

Acq: 09 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW001-190704

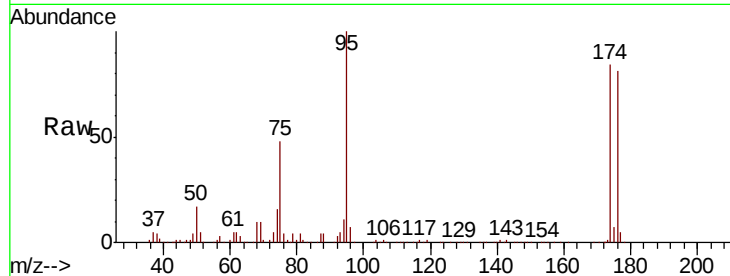
Tgt Ion: 95 Resp: 142688

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.6

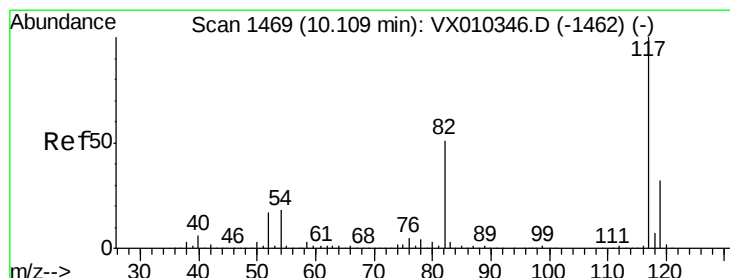
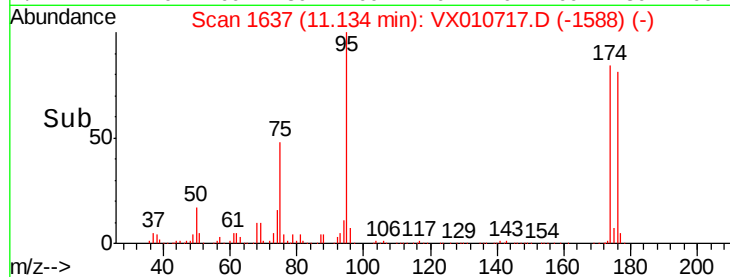
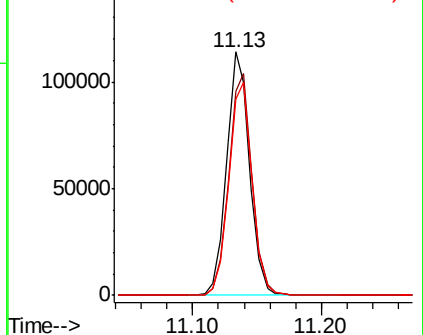
176 89.3 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010717.D

Acq: 09 Jul 2019 00:23

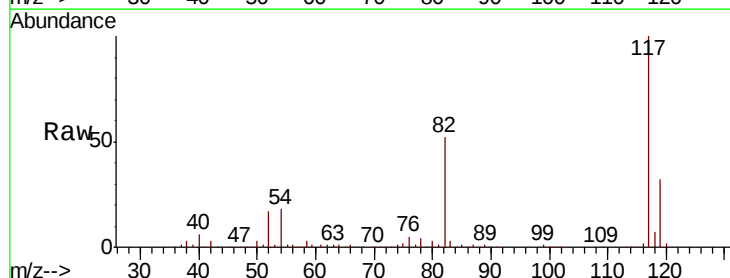
Tgt Ion: 117 Resp: 317822

Ion Ratio Lower Upper

117 100

82 51.7 41.2 61.8

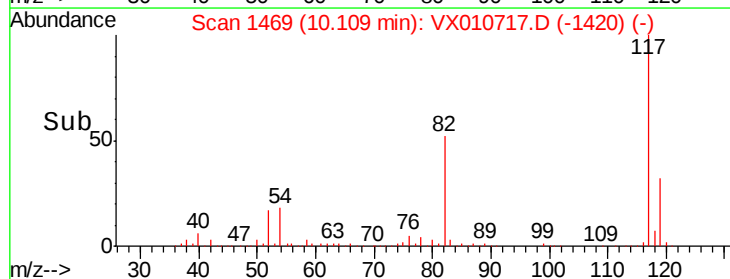
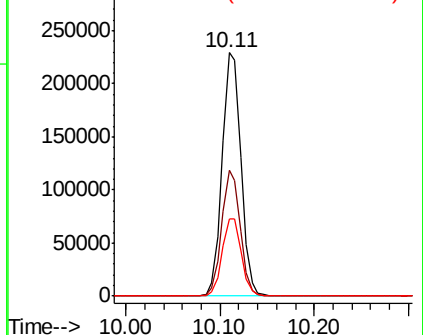
119 31.7 25.5 38.3

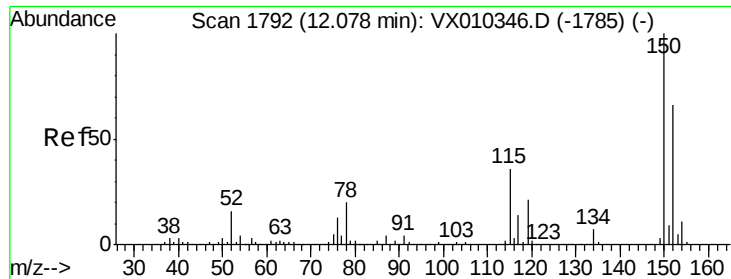


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): 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: VX010717.D
 Acq: 09 Jul 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW001-190704

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.6	115.7
150	156.3	0.0	347.4

