

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010940.D
 Acq On : 17 Jul 2019 16:53
 Operator : JC/SP
 Sample : K3855-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW035-190716

Quant Time: Jul 18 03:52:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

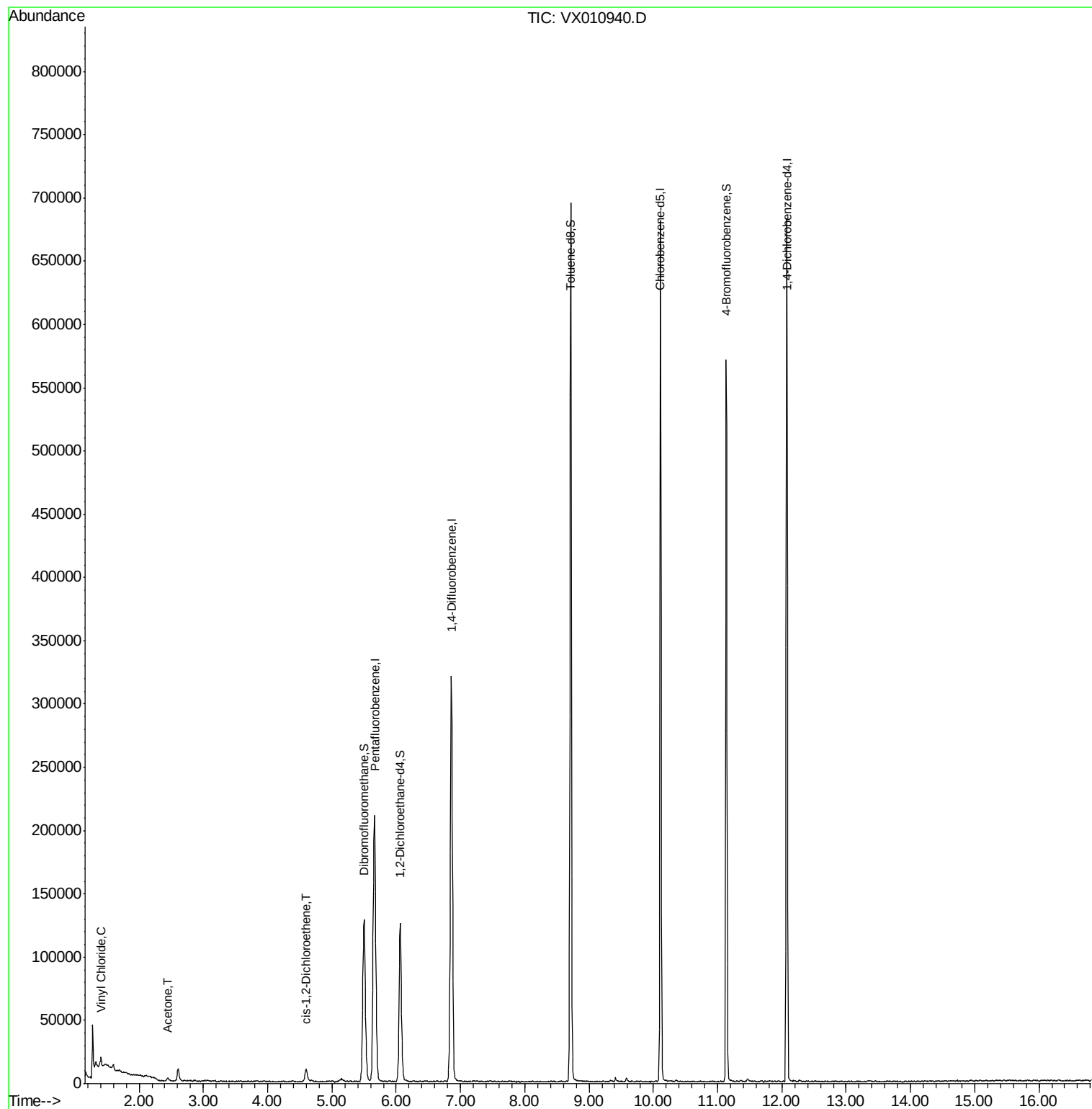
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116672	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	106611	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	8.71	98	412699	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.13	95	143903	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
4) Vinyl Chloride	1.41	62	4557	2.213	ug/l	92
16) Acetone	2.44	43	2683	2.543	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	6786	2.826	ug/l	87

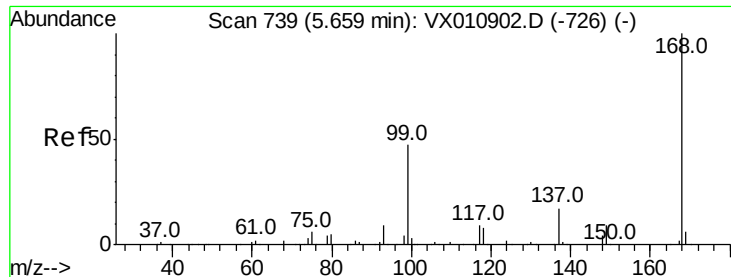
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: VX010940.D

Acq: 17 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

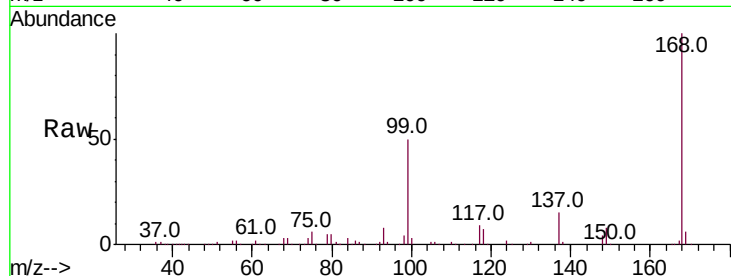
SS050MW035-190716

Tot Ion:168 Resp: 219572

Ion Ratio Lower Upper

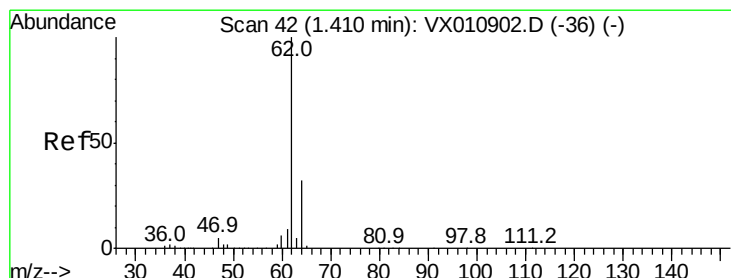
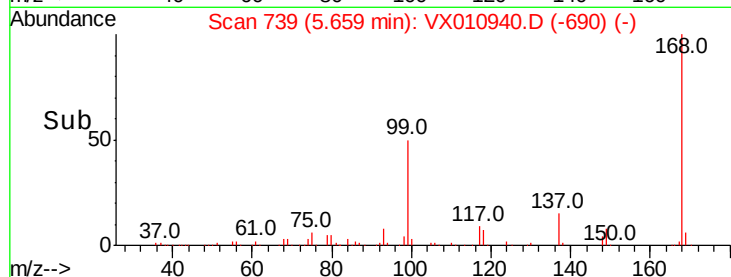
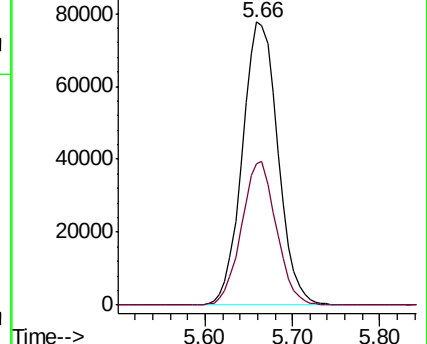
168 100

99 49.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.213 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010940.D

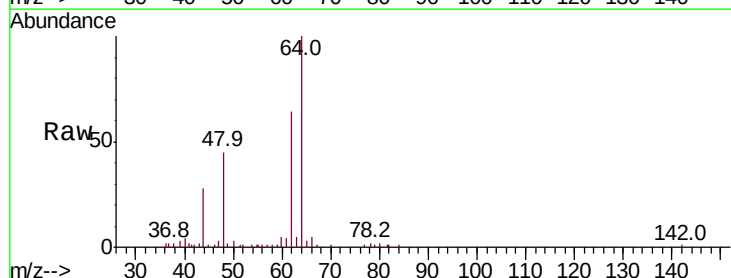
Acq: 17 Jul 2019 16:53

Tgt Ion: 62 Resp: 4557

Ion Ratio Lower Upper

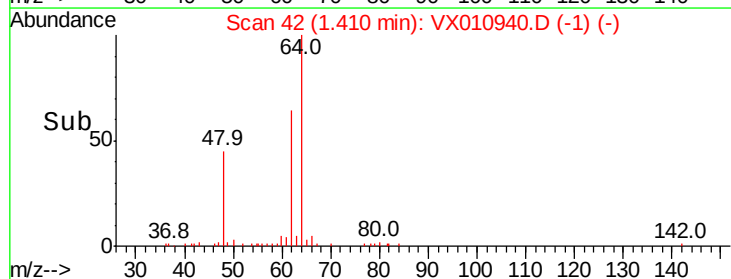
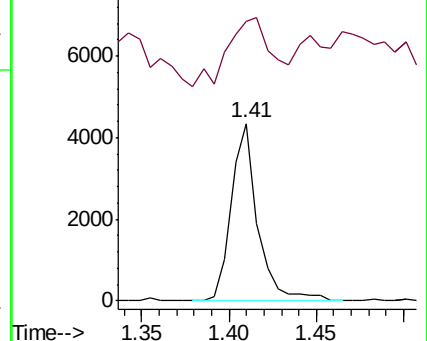
62 100

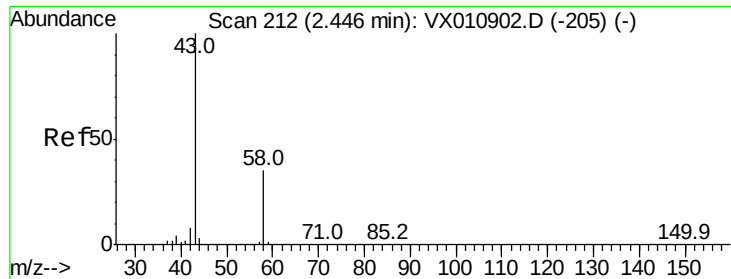
64 36.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.543 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010940.D

Acq: 17 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

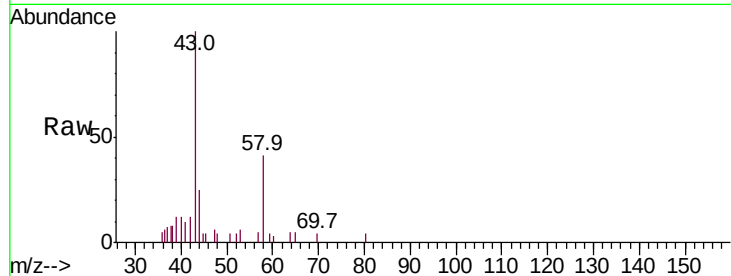
SS050MW035-190716

Tot Ion: 43 Resp: 2683

Ion Ratio Lower Upper

43 100

58 42.9 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

1500

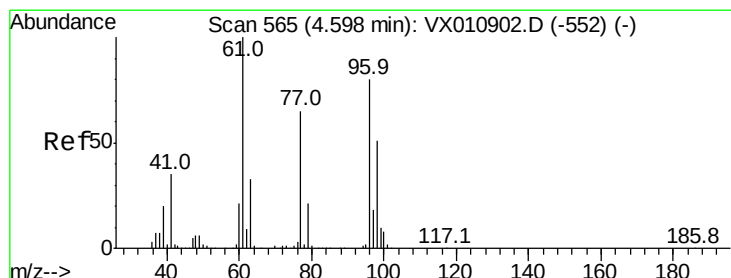
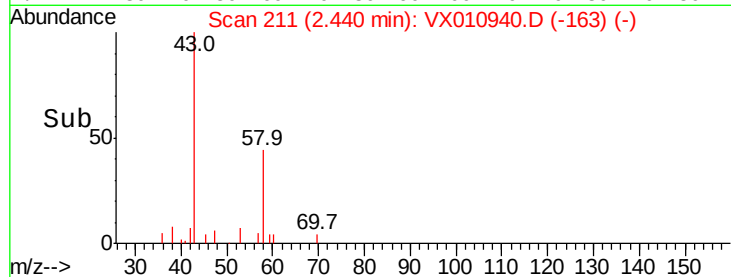
1000

500

0

Time-->

2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 2.826 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010940.D

Acq: 17 Jul 2019 16:53

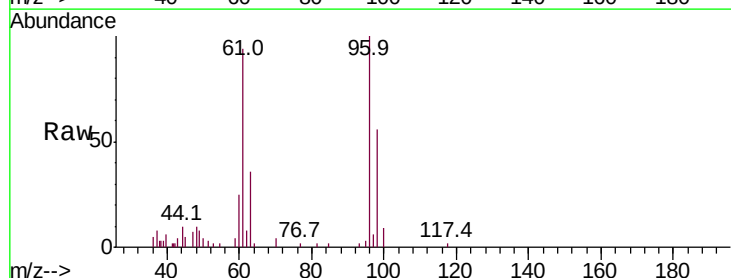
Tgt Ion: 96 Resp: 6786

Ion Ratio Lower Upper

96 100

61 114.2 0.0 269.0

98 62.4 0.0 131.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

3000

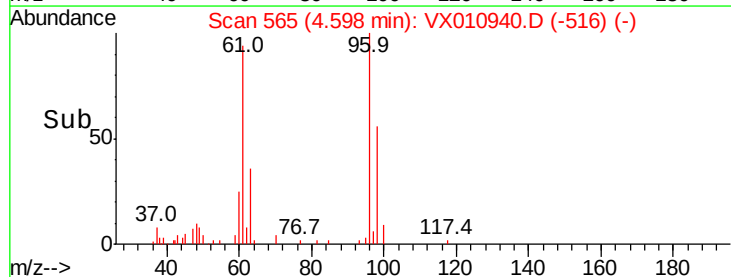
2000

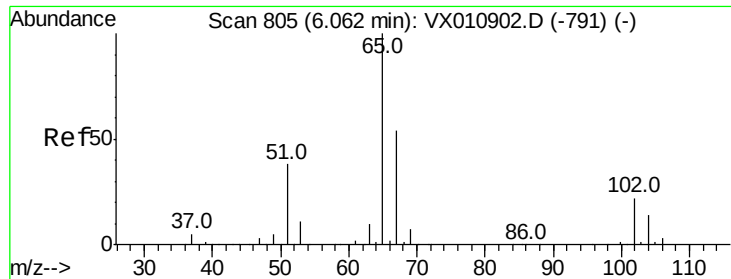
1000

0

Time-->

4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 49.947 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010940.D

Acq: 17 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

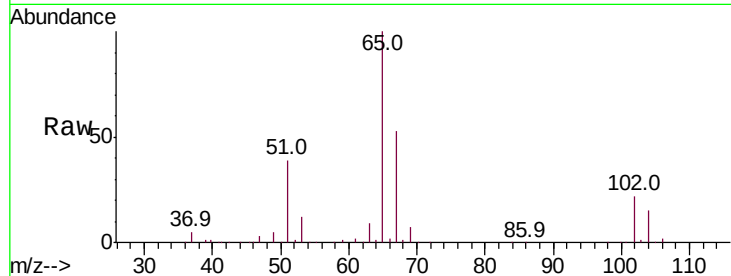
SS050MW035-190716

Tot Ion: 65 Resp: 116672

Ion Ratio Lower Upper

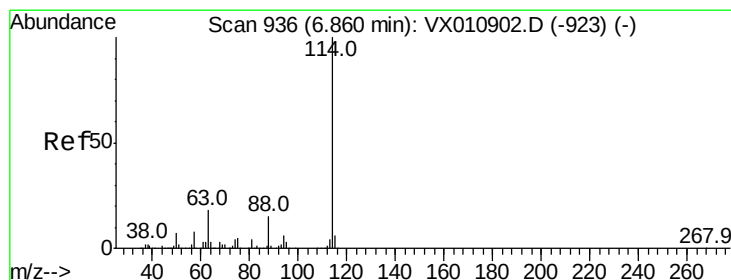
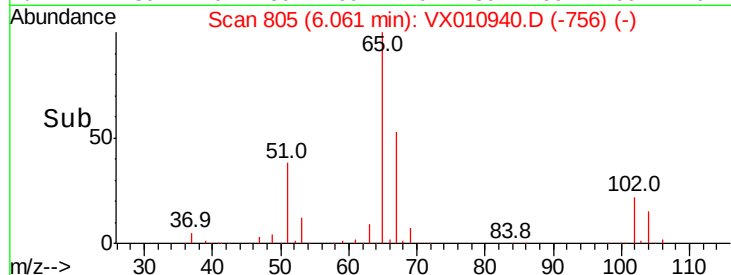
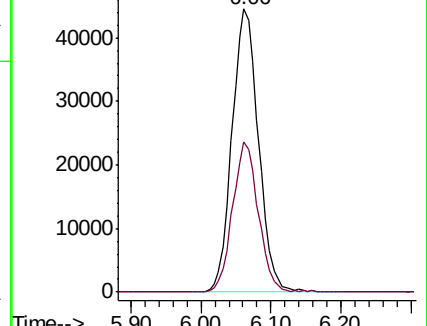
65 100

67 51.6 0.0 107.8



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: VX010940.D

Acq: 17 Jul 2019 16:53

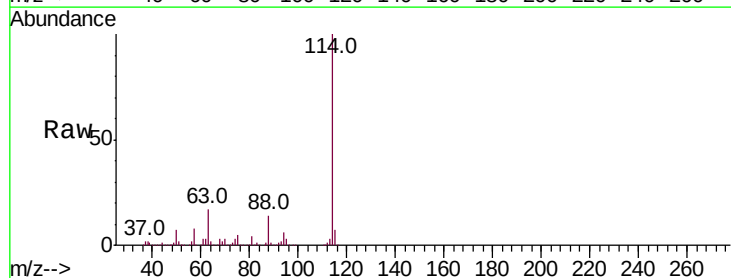
Tgt Ion: 114 Resp: 340345

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.6

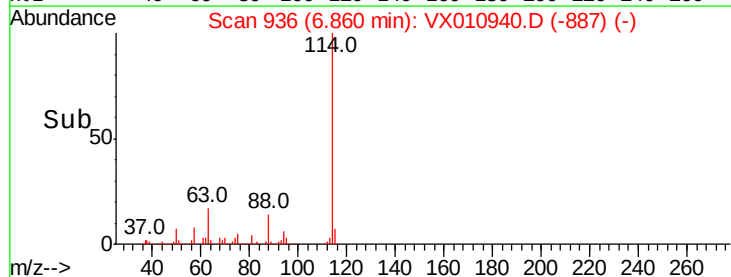
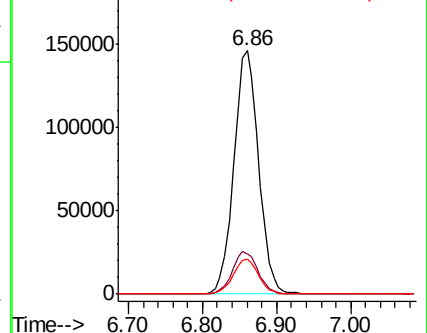
88 14.4 0.0 29.8

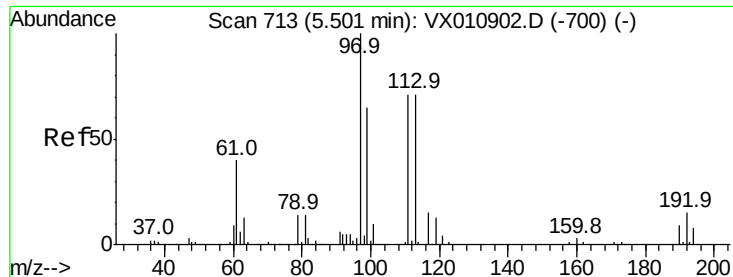


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.351 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010940.D

Acq: 17 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW035-190716

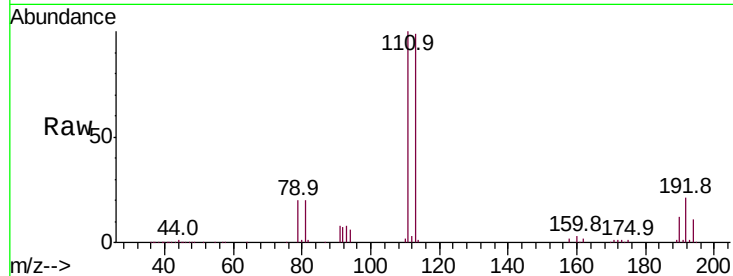
Tot Ion:113 Resp: 106611

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

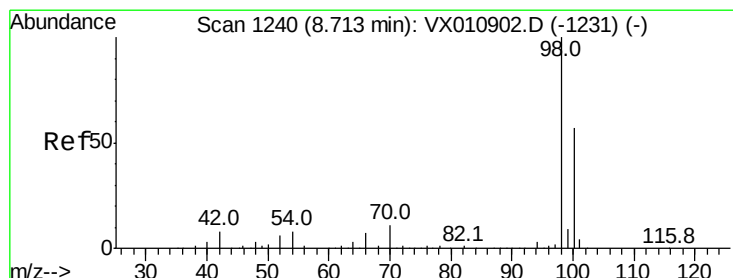
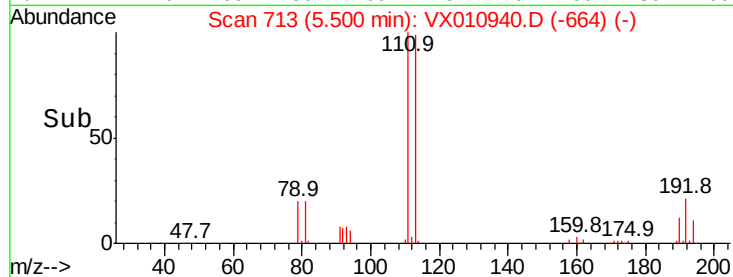
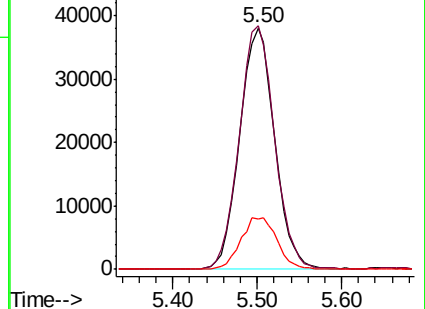
192 22.2 17.4 26.2



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: 50.936 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010940.D

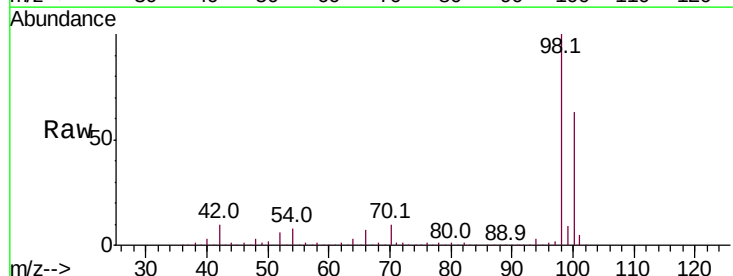
Acq: 17 Jul 2019 16:53

Tgt Ion: 98 Resp: 412699

Ion Ratio Lower Upper

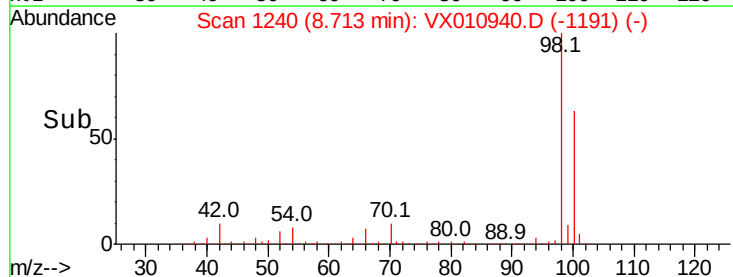
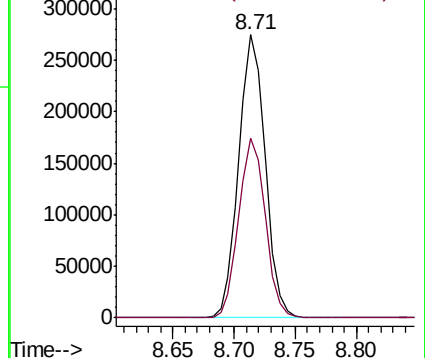
98 100

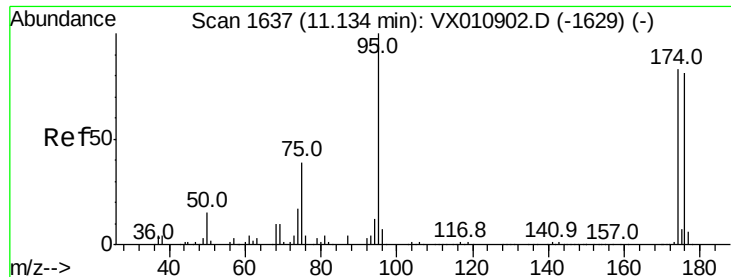
100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.320 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010940.D

Acq: 17 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW035-190716

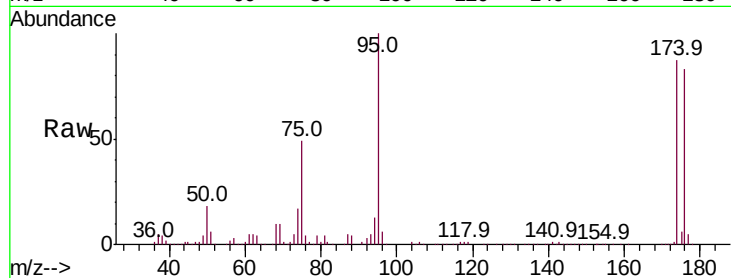
Tot Ion: 95 Resp: 143903

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.6

176 88.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)

11.13

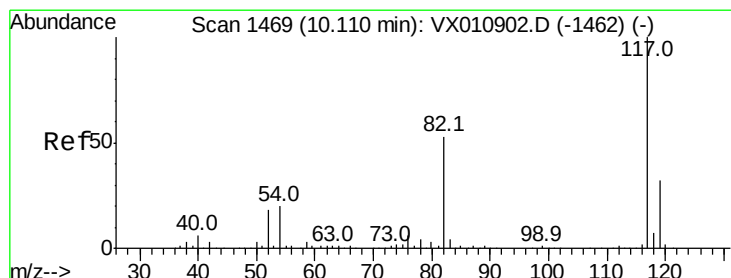
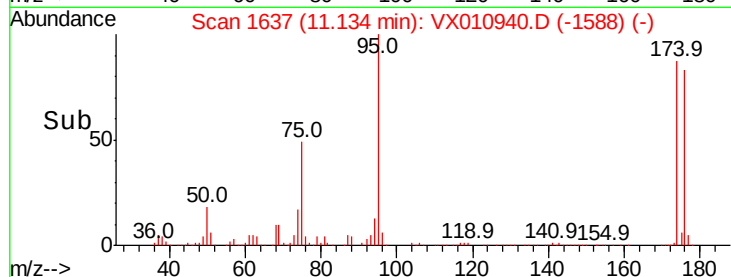
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010940.D

Acq: 17 Jul 2019 16:53

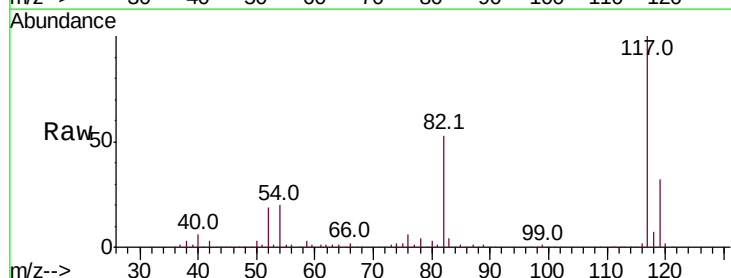
Tgt Ion: 117 Resp: 318180

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

119 32.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.D (-1462) (-)

10.11

300000

250000

200000

150000

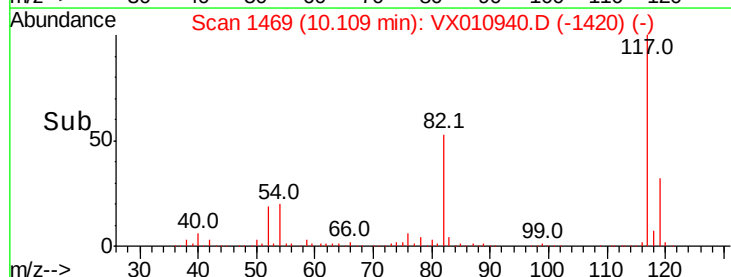
100000

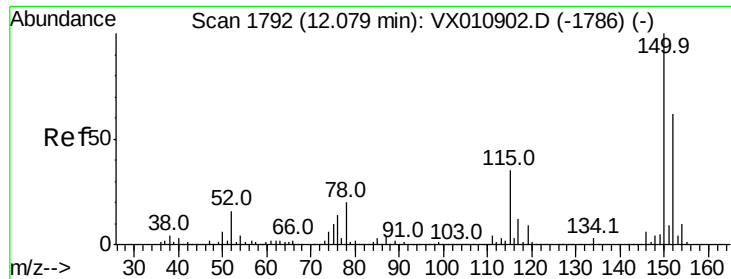
50000

0

10.00 10.10 10.20

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010940.D
 Acq: 17 Jul 2019 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW035-190716

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.7	119.1
150	157.9	0.0	345.6

