

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010645.D
 Acq On : 03 Jul 2019 17:11
 Operator : JC/SP
 Sample : K3635-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-D

Quant Time: Jul 04 04:34:40 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

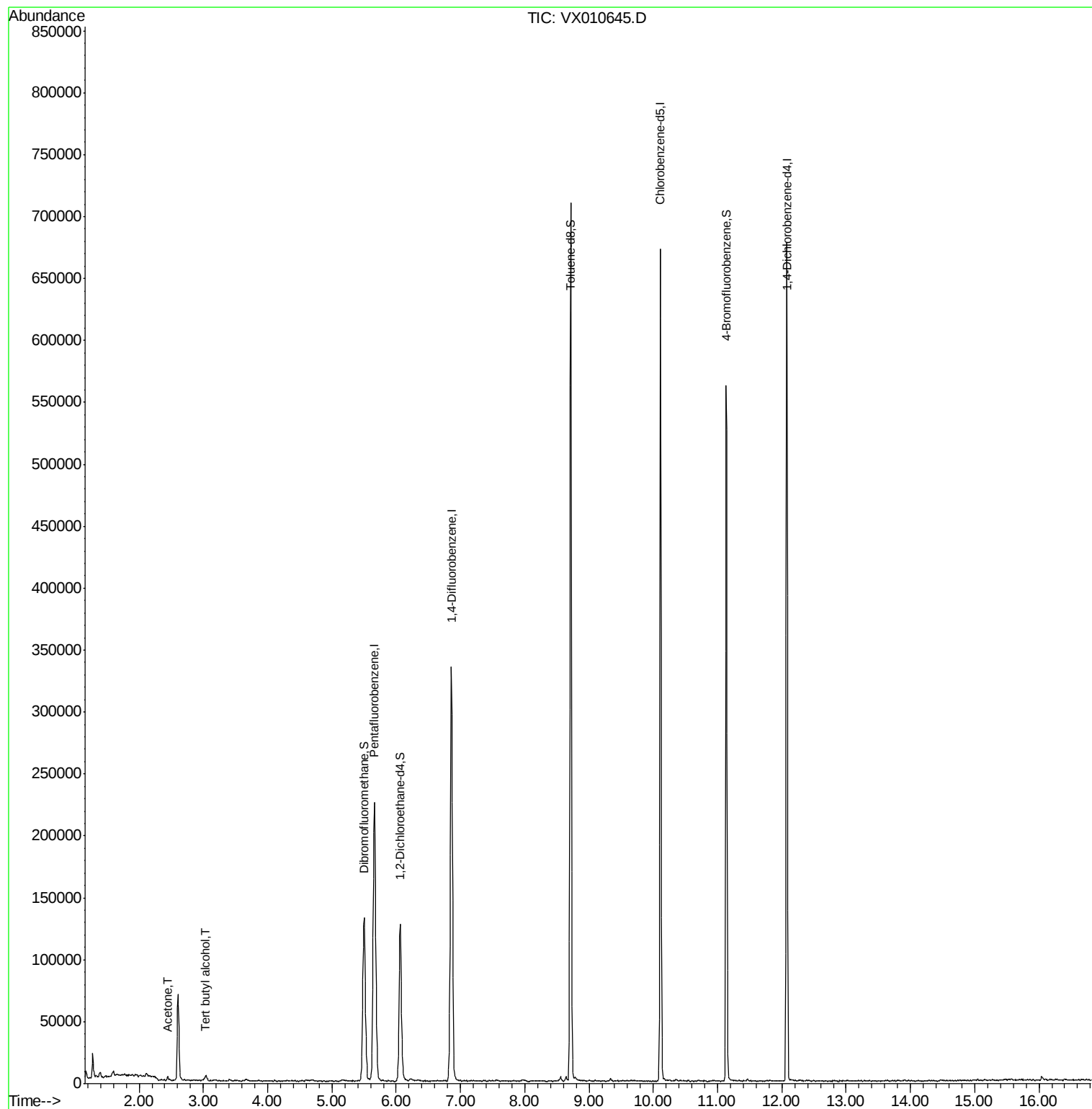
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	235515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	114431	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	5.50	113	110432	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	8.71	98	427816	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	142327	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	4931	8.534	ug/l #	93
16) Acetone	2.45	43	2893	2.614	ug/l	90

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010645.D

Acq: 03 Jul 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

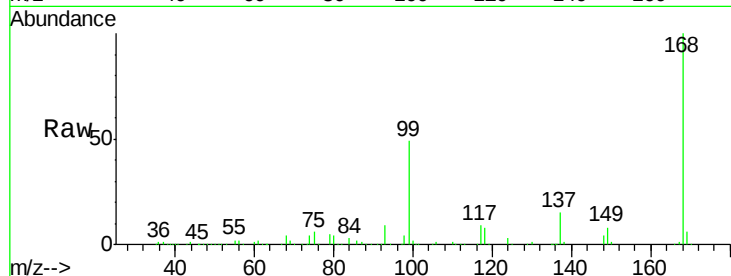
MW-D

Tot Ion:168 Resp: 23515

Ion Ratio Lower Upper

168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

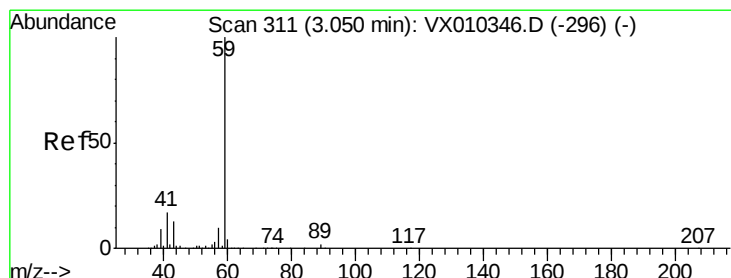
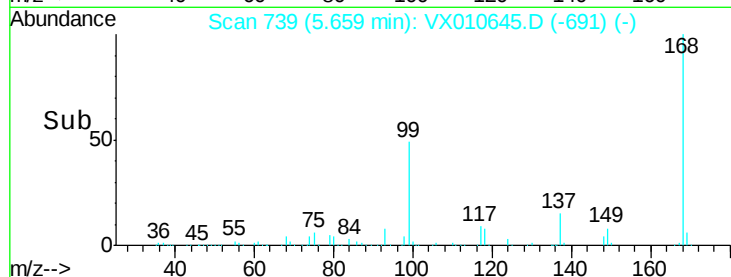
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 8.534 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010645.D

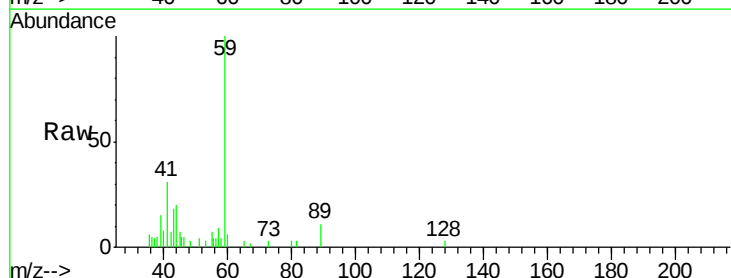
Acq: 03 Jul 2019 17:11

Tgt Ion: 59 Resp: 4931

Ion Ratio Lower Upper

59 100

57 12.3 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

2500

2000

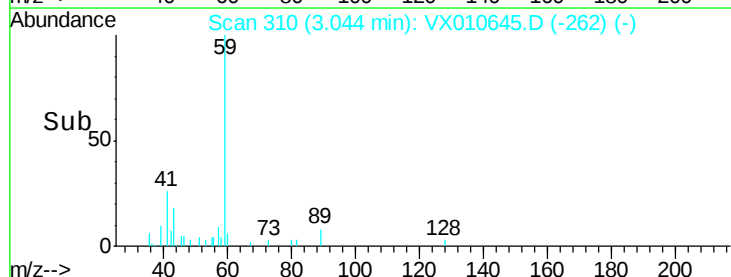
1500

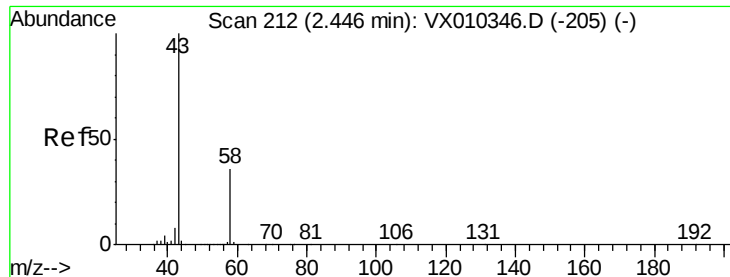
1000

500

0

Time--> 2.95 3.00 3.05 3.10





#16

Acetone

Concen: 2.614 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010645.D

Acq: 03 Jul 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

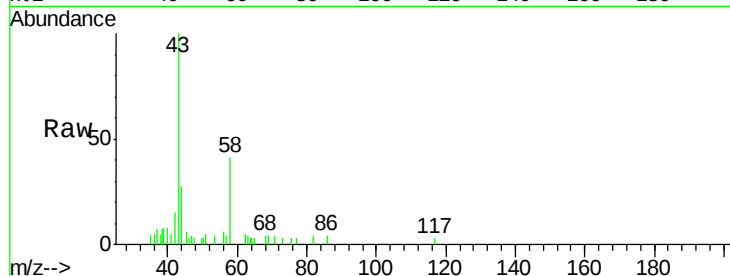
MW-D

Tot Ion: 43 Resp: 2893

Ion Ratio Lower Upper

43 100

58 42.1 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

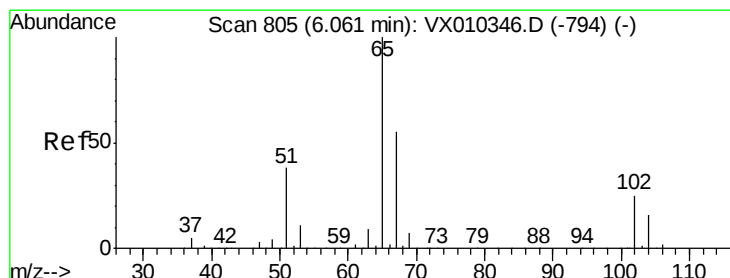
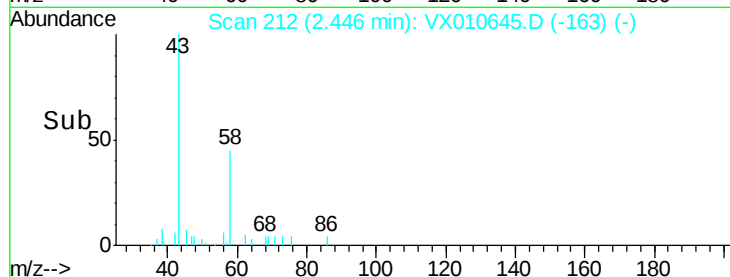
1500

1000

500

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.821 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010645.D

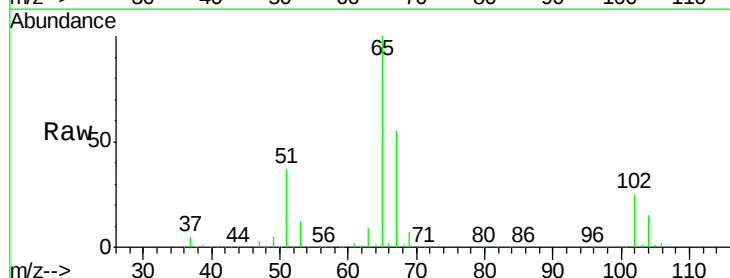
Acq: 03 Jul 2019 17:11

Tgt Ion: 65 Resp: 114431

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

50000

40000

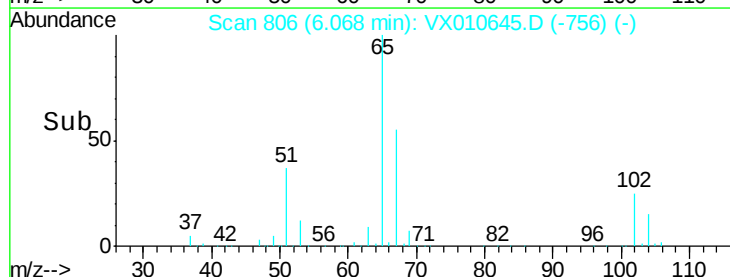
30000

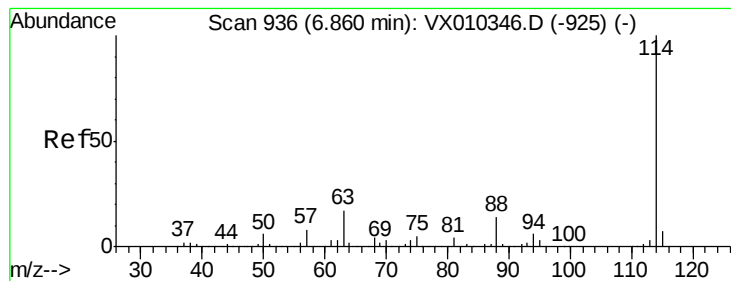
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010645.D

Acq: 03 Jul 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

MW-D

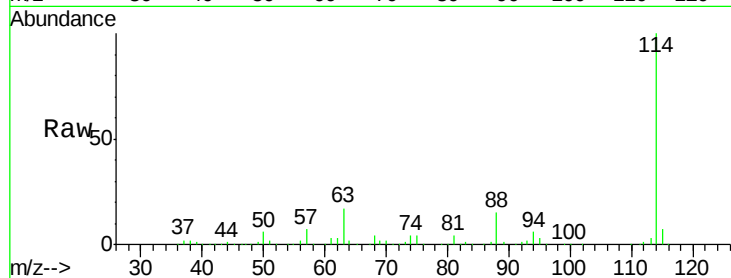
Tot Ion:114 Resp: 362337

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

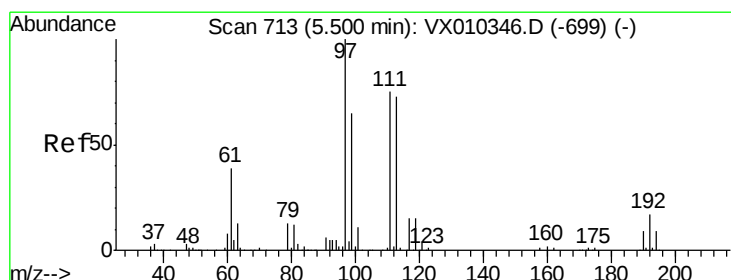
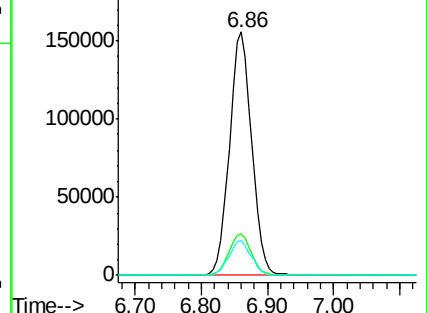
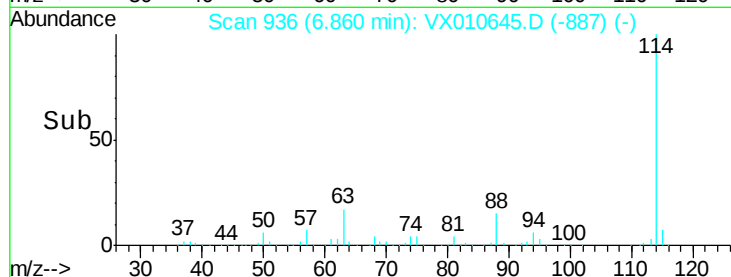
88 14.6 0.0 27.6



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: 49.813 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010645.D

Acq: 03 Jul 2019 17:11

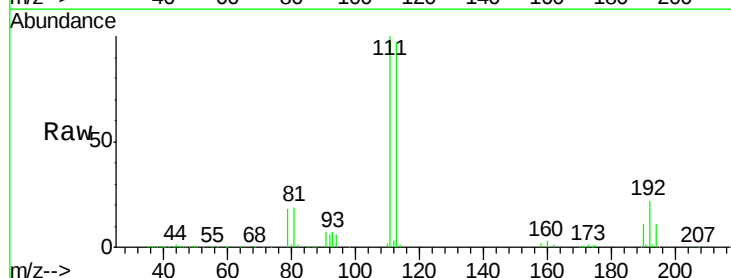
Tgt Ion:113 Resp: 110432

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

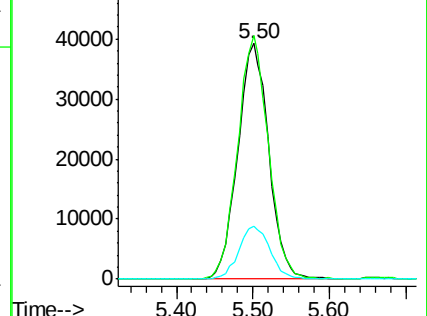
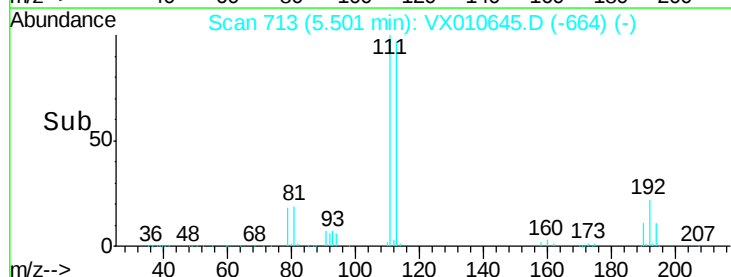
192 22.7 18.6 27.8

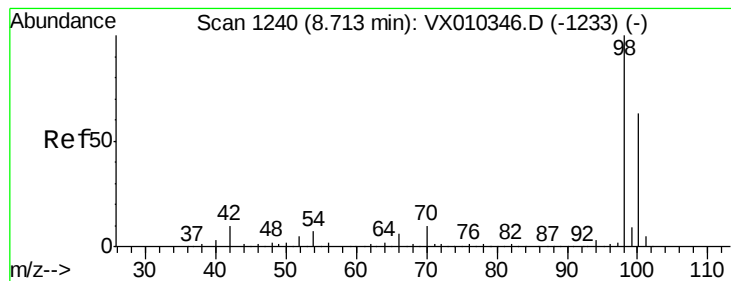


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.441 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010645.D

Acq: 03 Jul 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

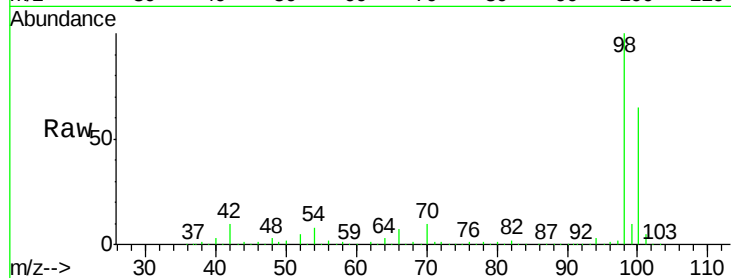
MW-D

Tot Ion: 98 Resp: 427816

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): VX

8.71

300000

250000

200000

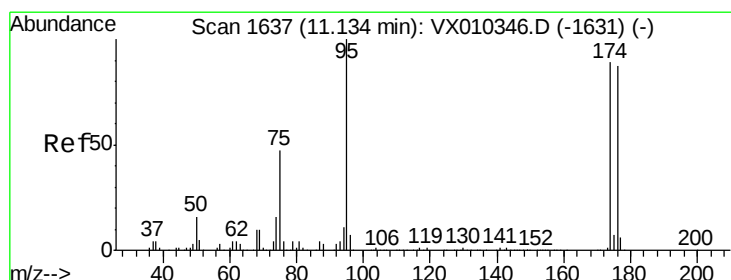
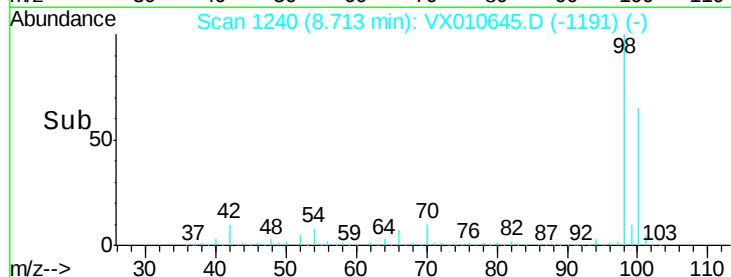
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.481 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010645.D

Acq: 03 Jul 2019 17:11

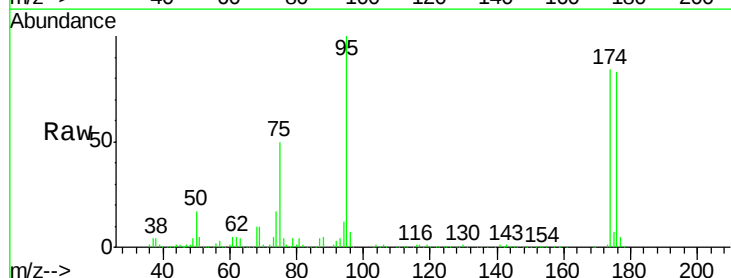
Tgt Ion: 95 Resp: 142327

Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.6

176 90.6 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

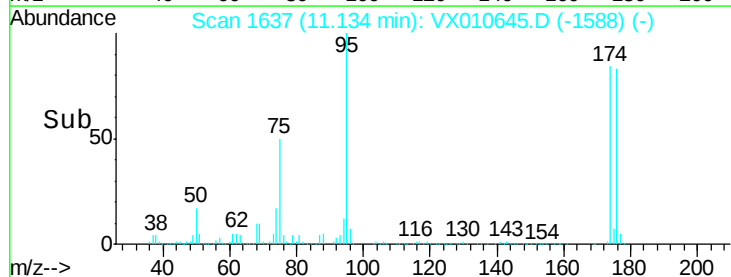
150000

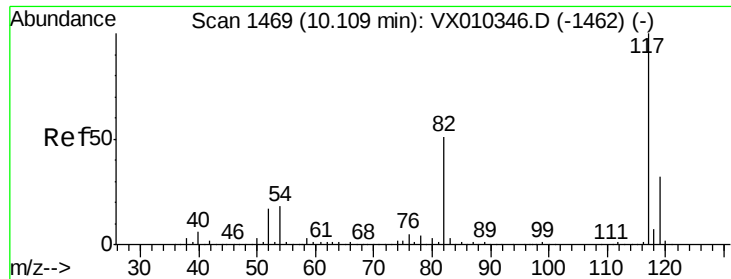
100000

50000

0

Time--> 11.10 11.20

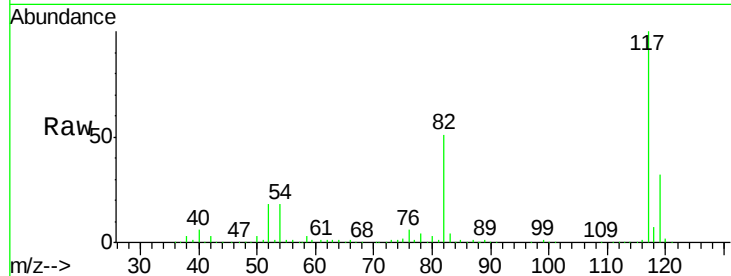




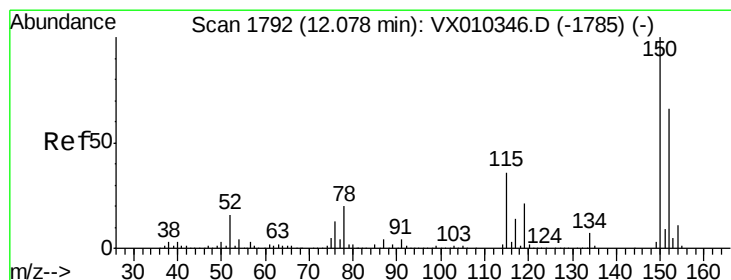
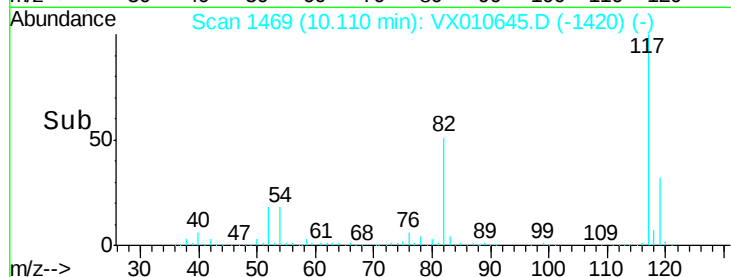
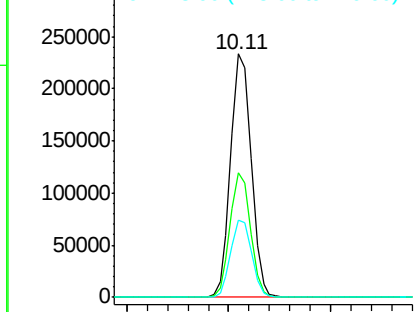
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010645.D
Acq: 03 Jul 2019 17:11

Instrument :
MSVOA_X
ClientSampleId :
MW-D

Tot Ion:117 Resp: 326370
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 31.5 25.5 38.3

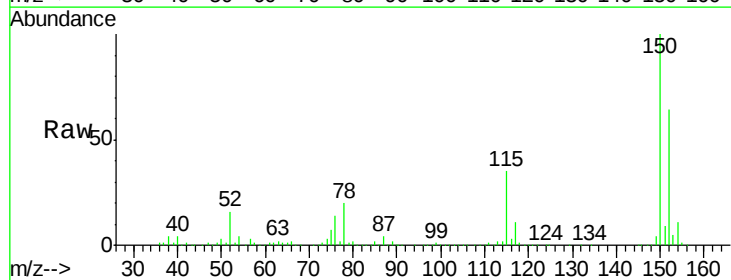


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010645.D
Acq: 03 Jul 2019 17:11

Tgt Ion:152 Resp: 150229
Ion Ratio Lower Upper
152 100
115 55.1 38.6 115.7
150 156.0 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

