

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010386.D
 Acq On : 21 Jun 2019 15:48
 Operator : JC/SP
 Sample : K3473-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jun 22 00:36:33 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

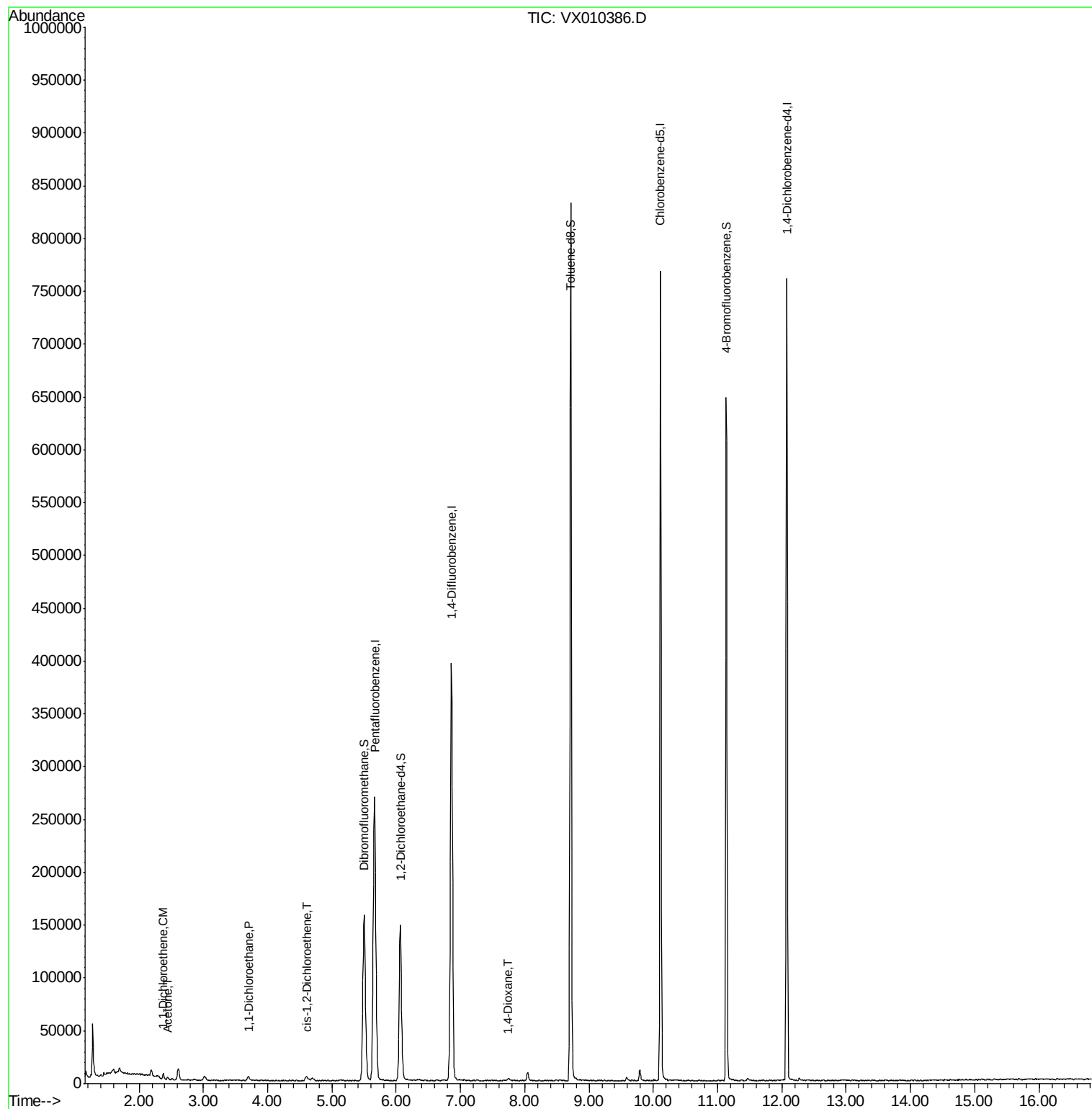
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	434382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	386511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134056	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	5.50	113	131221	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	505890	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	168828	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.38	96	2115	0.854	ug/l	98
16) Acetone	2.44	43	3156	2.350	ug/l #	82
24) 1,1-Dichloroethane	3.70	63	4088	0.962	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	2330	0.757	ug/l	89
49) 1,4-Dioxane	7.75	88	1992	25.321	ug/l #	84

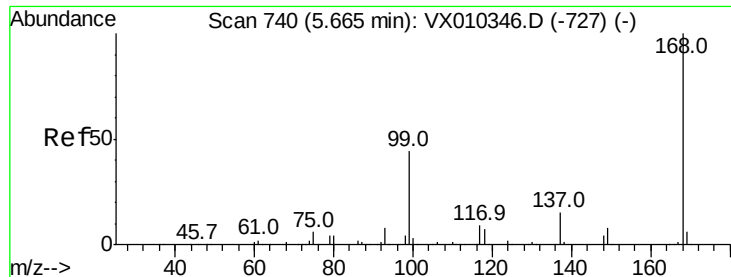
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

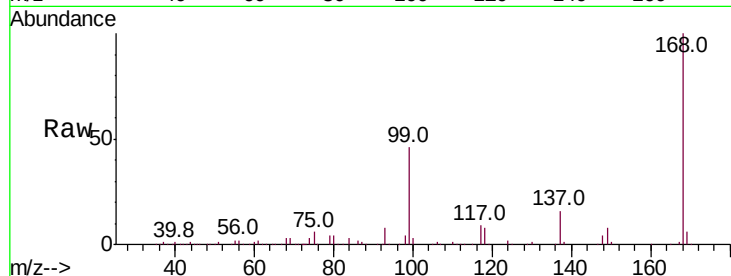
MW-4

Tot Ion:168 Resp: 285861

Ion Ratio Lower Upper

168 100

99 45.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

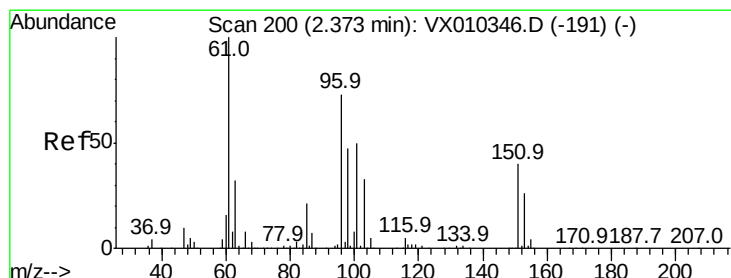
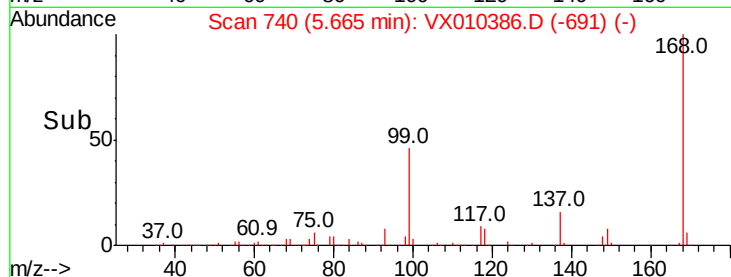
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#12

1,1-Dichloroethene

Concen: 0.854 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

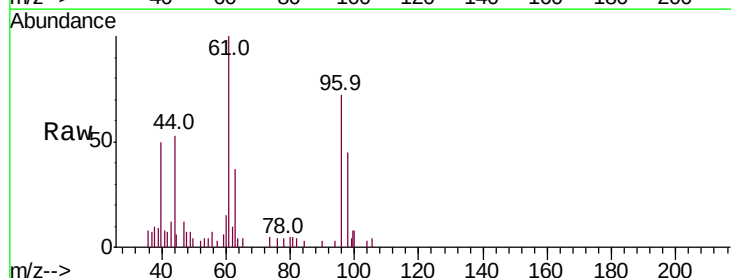
Tgt Ion: 96 Resp: 2115

Ion Ratio Lower Upper

96 100

61 139.1 109.2 163.8

98 62.0 51.1 76.7



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

2000

1500

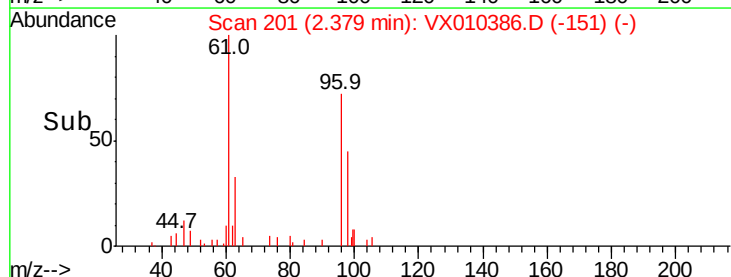
1000

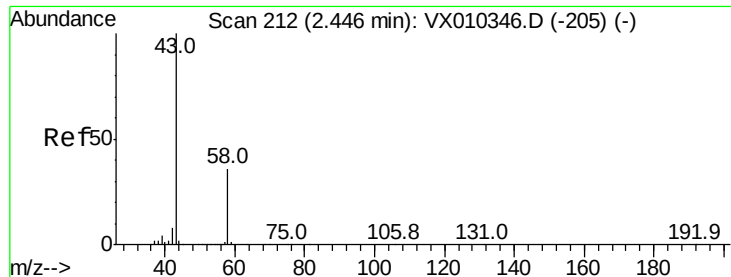
500

0

Time-->

2.30 2.35 2.40 2.45





#16

Acetone

Concen: 2.350 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

Instrument :

MSVOA_X

ClientSampled :

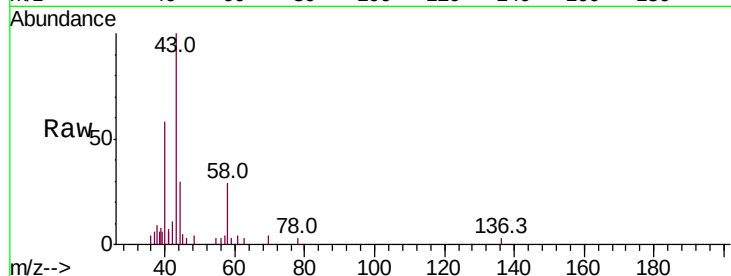
MW-4

Tot Ion: 43 Resp: 3156

Ion Ratio Lower Upper

43 100

58 25.5 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

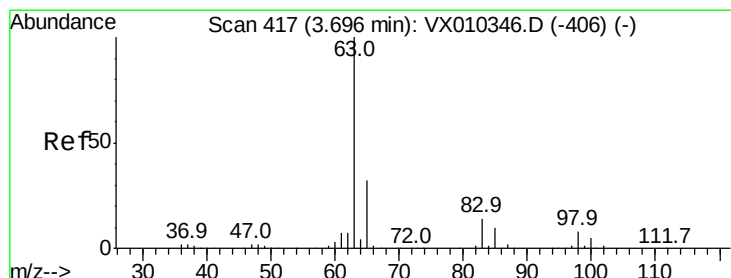
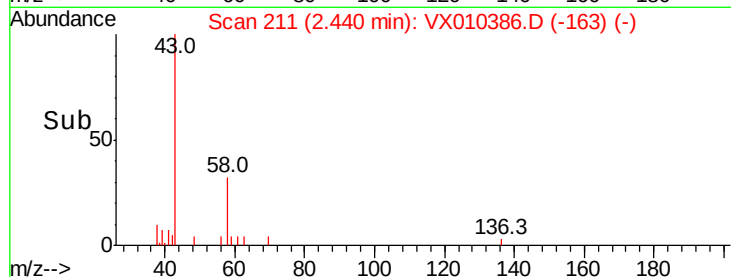
0

Time-->

2.40

2.45

2.50



#24

1,1-Dichloroethane

Concen: 0.962 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

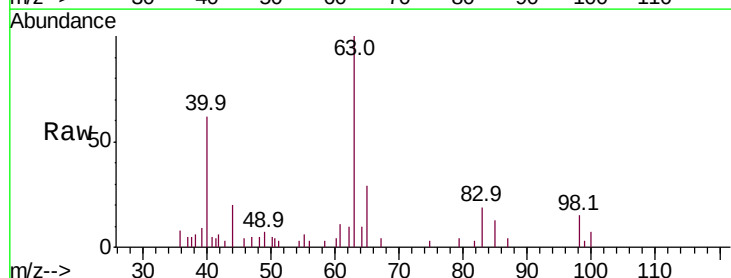
Tgt Ion: 63 Resp: 4088

Ion Ratio Lower Upper

63 100

98 15.4 3.9 11.7#

100 6.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

2000

1500

1000

500

0

Time-->

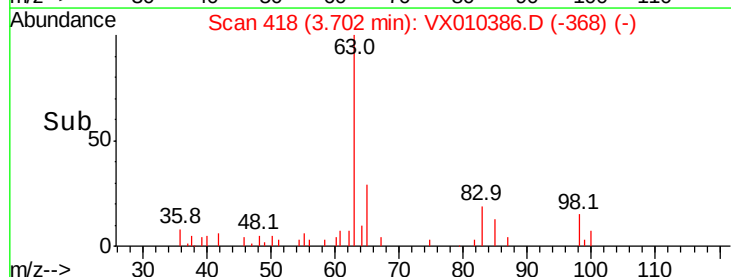
3.60

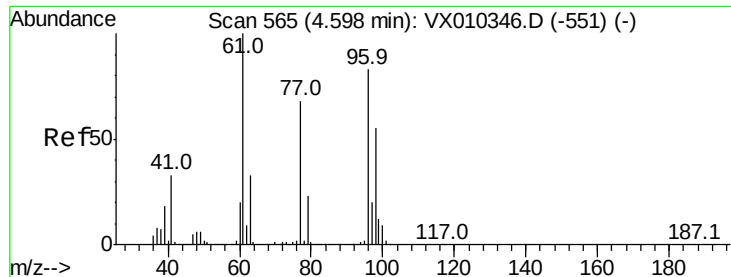
3.65

3.70

3.75

3.80



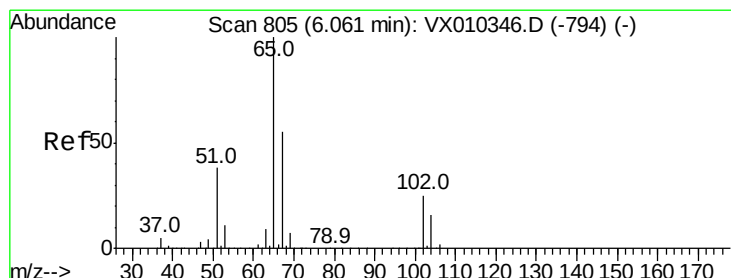
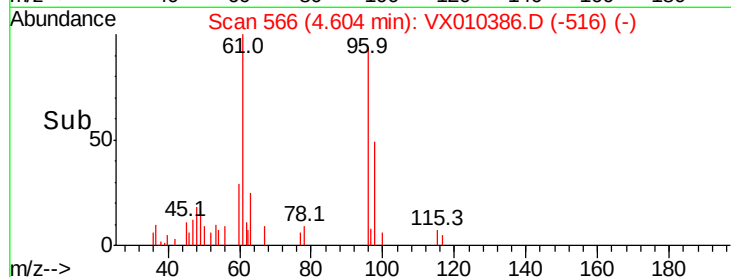
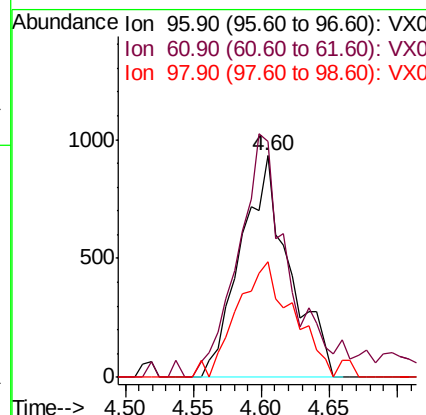
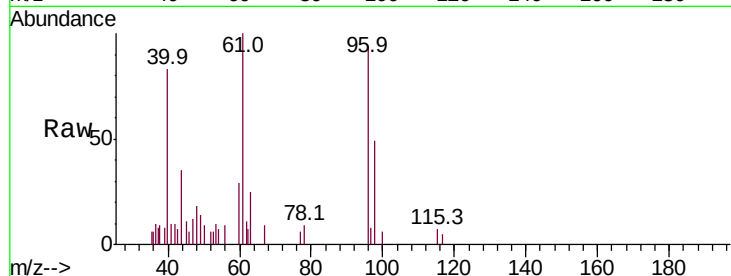


#27

cis-1,2-Dichloroethene
 Concen: 0.757 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX010386.D
 Acq: 21 Jun 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

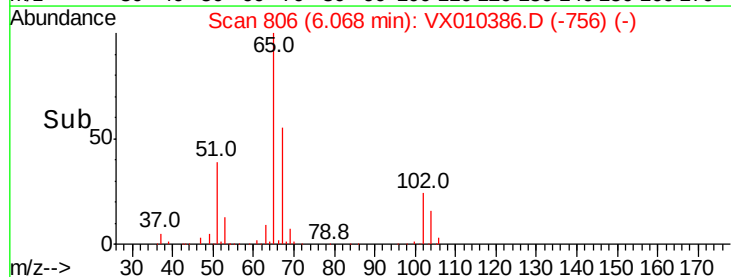
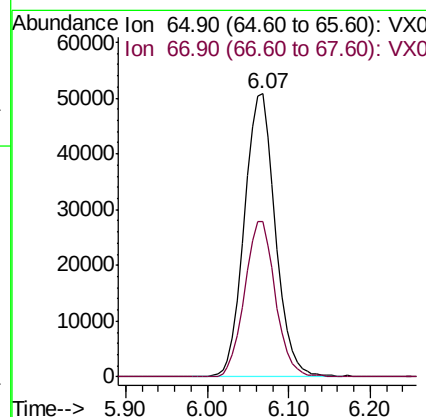
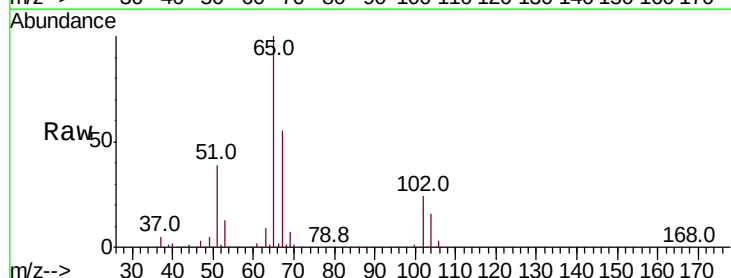
Tot Ion	96	Resp	2330
Ion	Ratio	Lower	Upper
96	100		
61	110.0	0.0	251.8
98	59.6	0.0	129.4

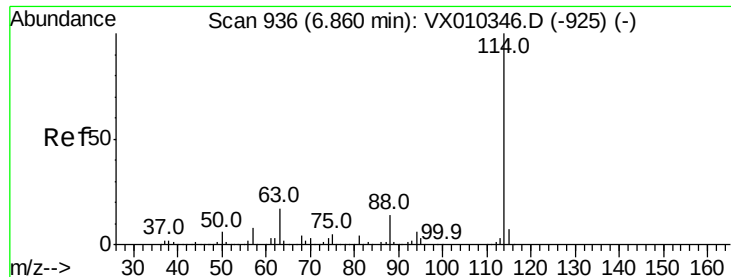


#33

1,2-Dichloroethane-d4
 Concen: 50.017 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010386.D
 Acq: 21 Jun 2019 15:48

Tgt Ion	65	Resp	134056
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

Instrument :

MSVOA_X

ClientSampled :

MW-4

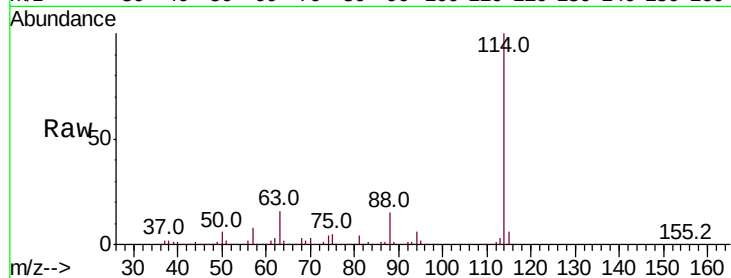
Tot Ion:114 Resp: 434382

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.8

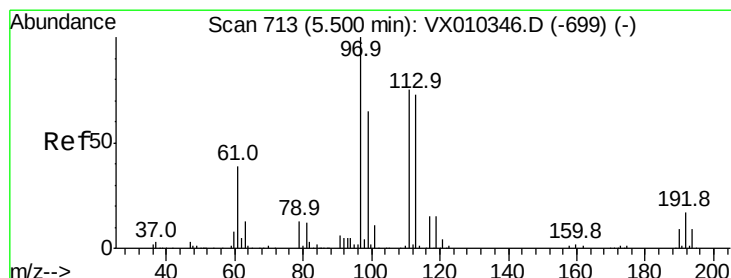
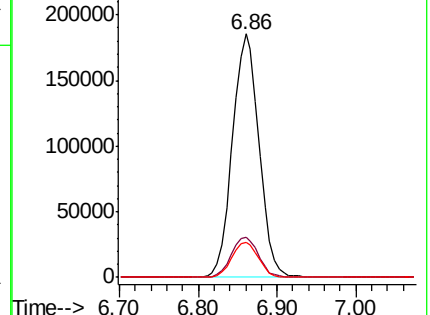
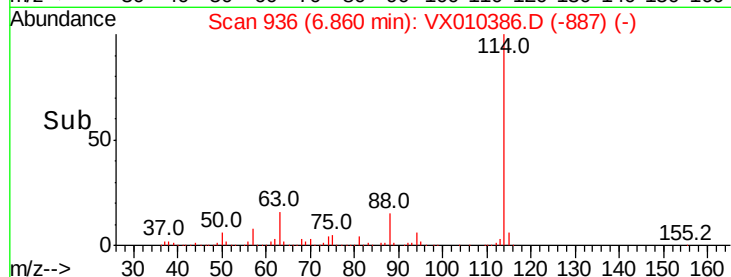
88 14.6 0.0 27.6



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: 49.374 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

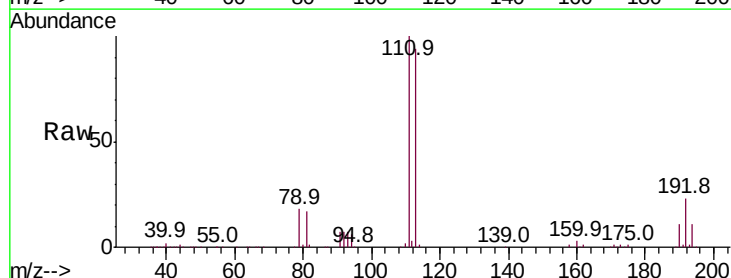
Tgt Ion:113 Resp: 131221

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

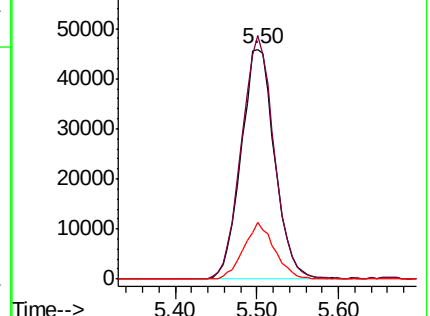
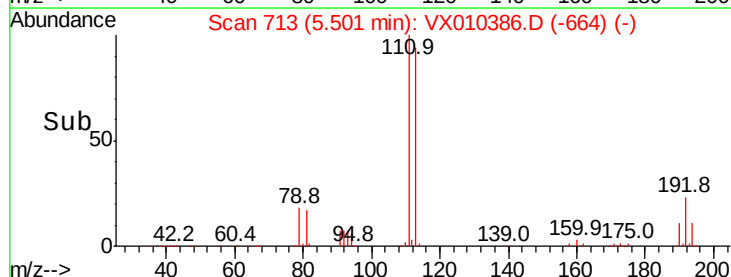
192 22.7 18.6 27.8

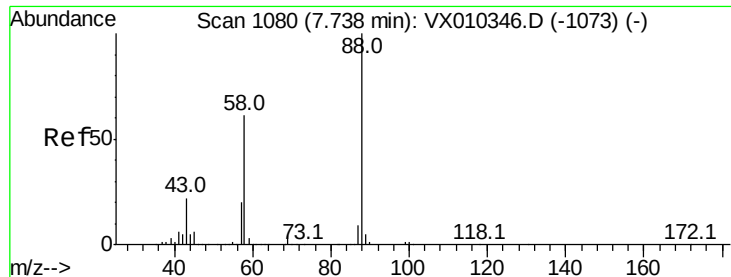


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#49

1,4-Dioxane

Concen: 25.321 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

Instrument :

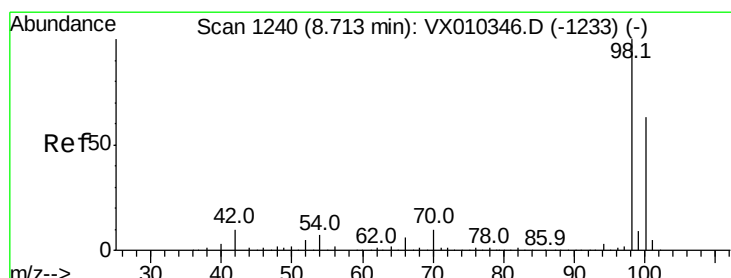
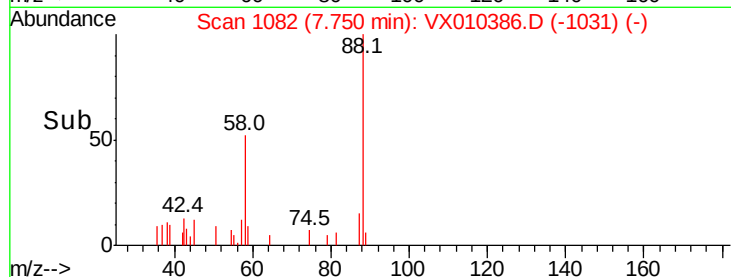
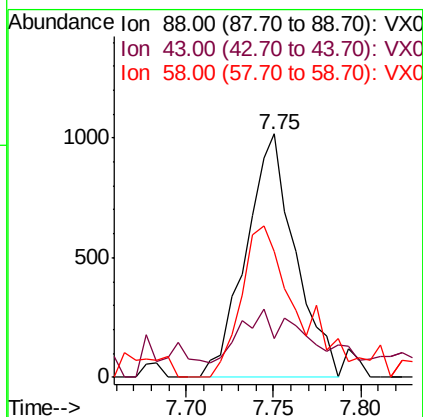
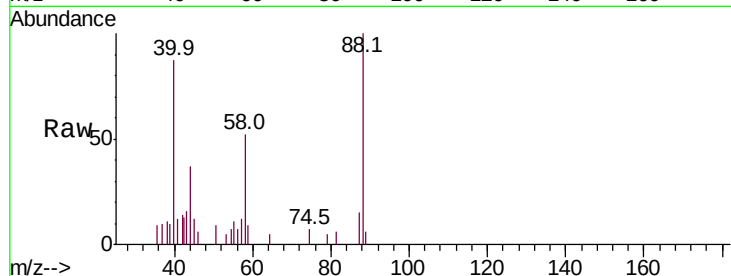
MSVOA_X

ClientSampled :

MW-4

Tot Ion: 88 Resp: 1992

Ion	Ratio	Lower	Upper
88	100		
43	14.2	20.2	30.2#
58	72.8	49.5	74.3



#50

Toluene-d8

Concen: 49.754 ug/l

RT: 8.71 min Scan# 1240

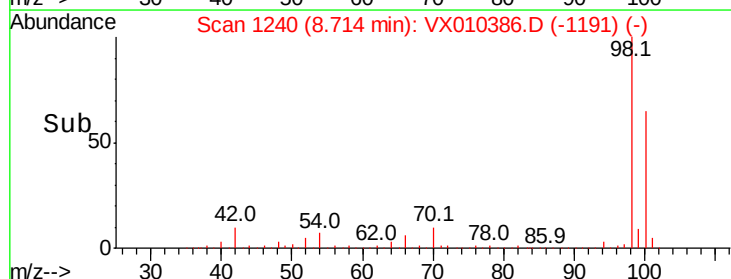
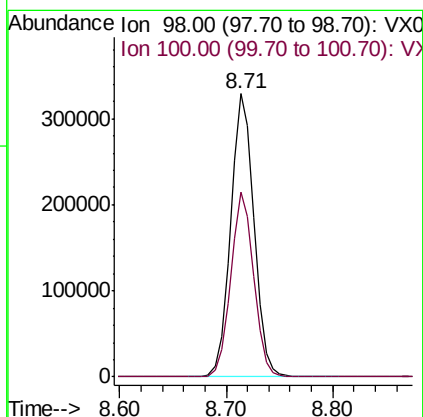
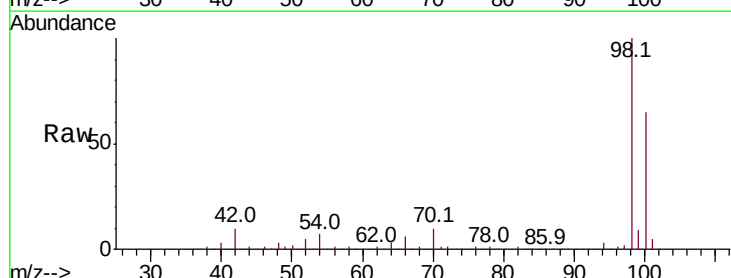
Delta R.T. 0.00 min

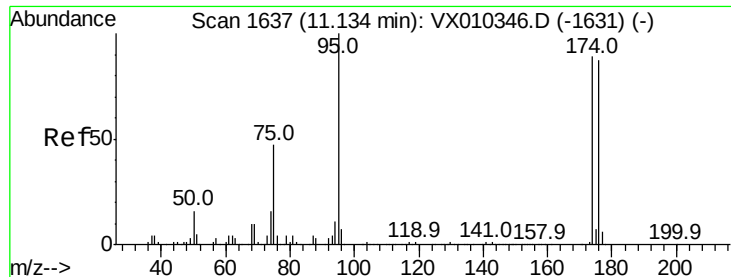
Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

Tgt Ion: 98 Resp: 505890

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

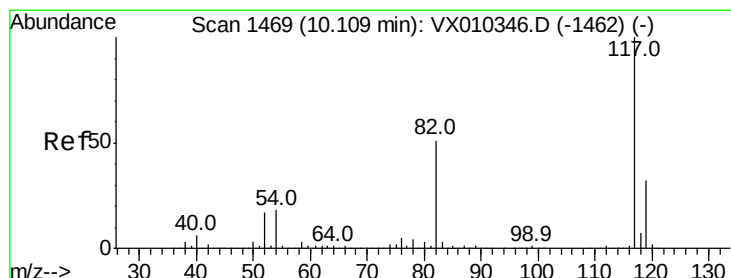
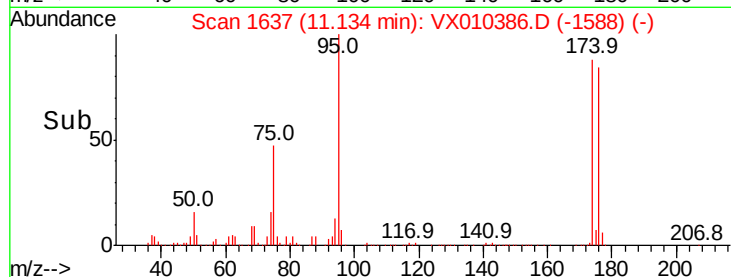
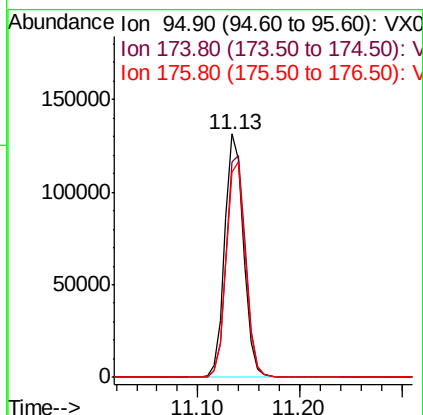
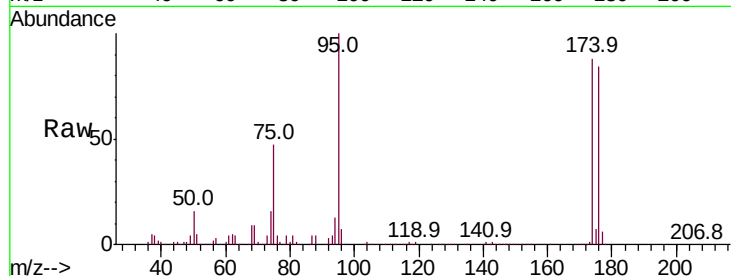




#62
4-Bromofluorobenzene
Concen: 45.991 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010386.D
Acq: 21 Jun 2019 15:48

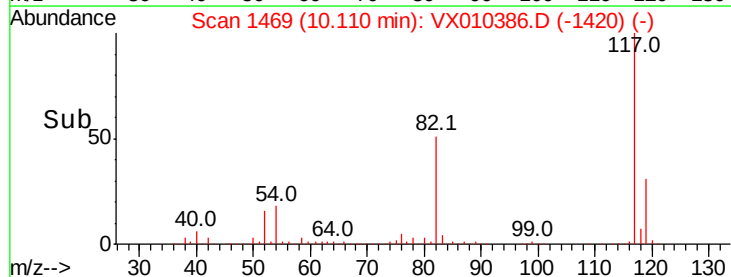
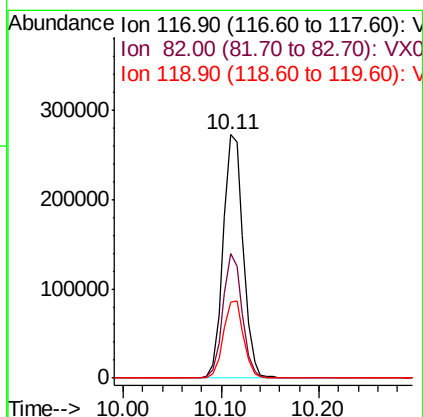
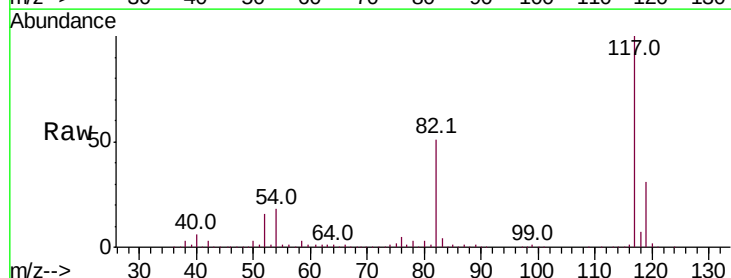
Instrument :
MSVOA_X
ClientSampleId :
MW-4

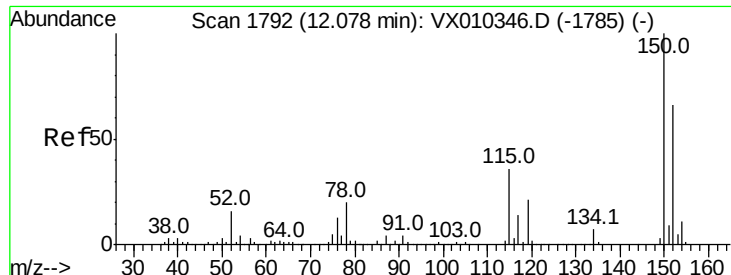
Tot Ion: 95 Resp: 168828
Ion Ratio Lower Upper
95 100
174 93.0 0.0 187.6
176 89.7 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010386.D
Acq: 21 Jun 2019 15:48

Tgt Ion: 117 Resp: 386511
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010386.D

Acq: 21 Jun 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

MW-4

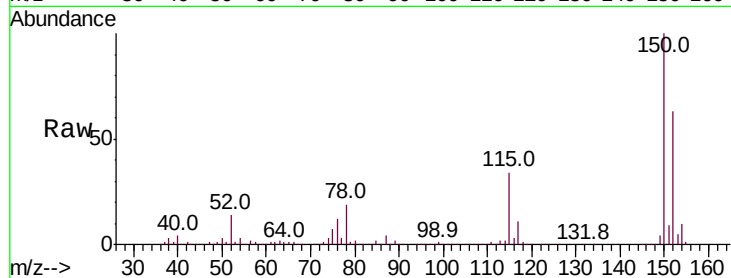
Tot Ion:152 Resp: 174077

Ion Ratio Lower Upper

152 100

115 54.4 38.6 115.7

150 156.5 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

