

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010398.D
 Acq On : 21 Jun 2019 20:29
 Operator : JC/SP
 Sample : K3486-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-4

Quant Time: Jun 22 01:08:07 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

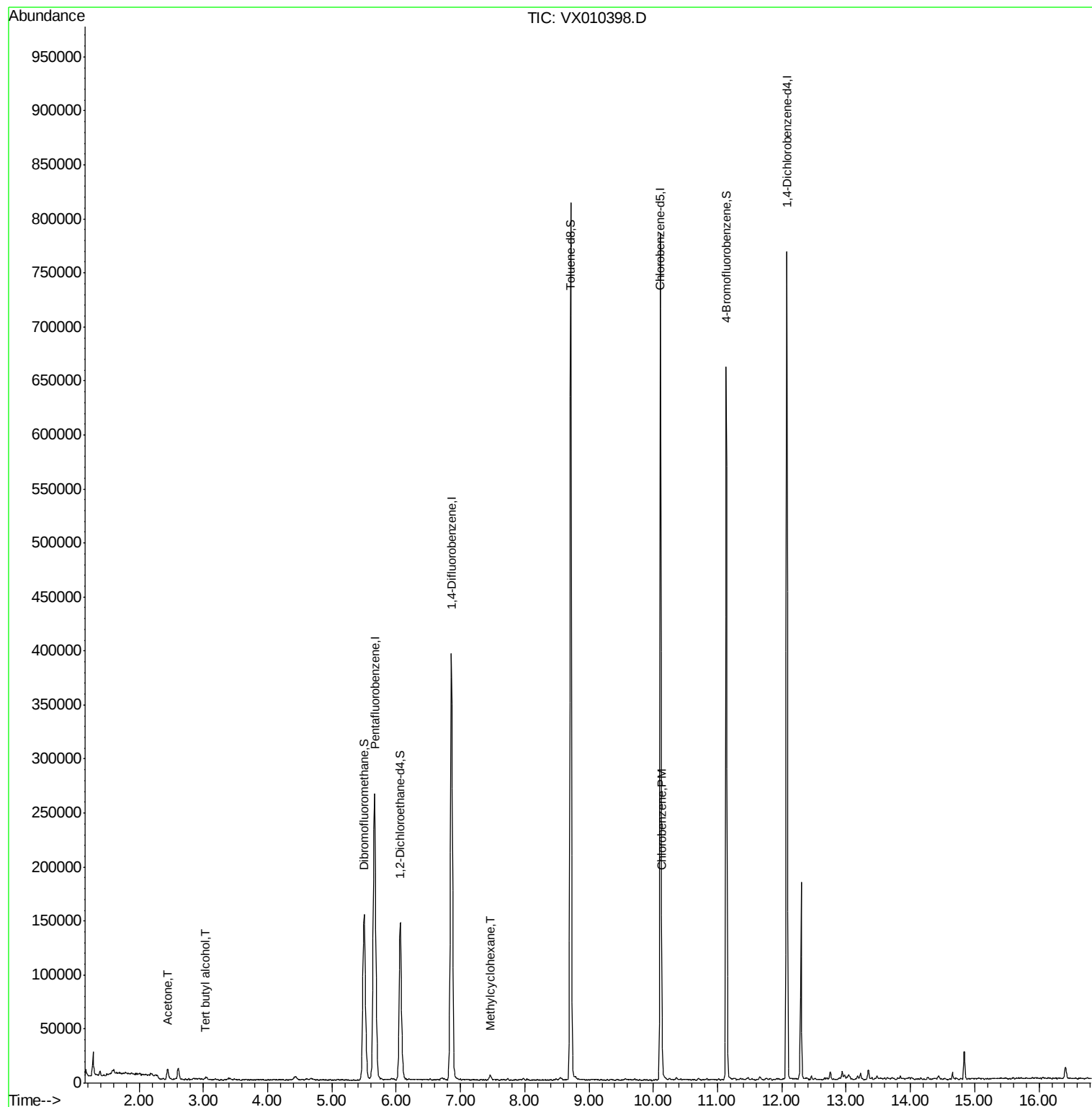
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	131211	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	5.50	113	129859	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	497091	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.13	95	164196	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	3308	4.828	ug/l #	86
16) Acetone	2.45	43	10404	7.929	ug/l	98
39) Methylcyclohexane	7.46	83	1741	0.389	ug/l #	88
65) Chlorobenzene	10.13	112	9147	1.188	ug/l	93

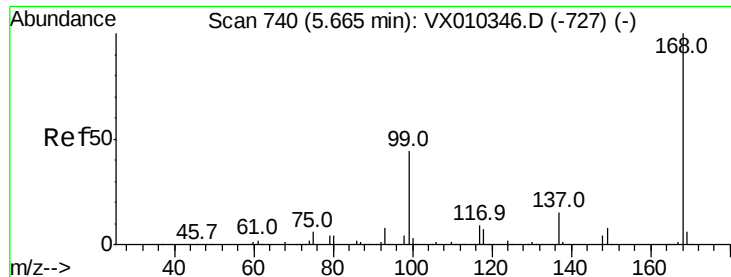
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010398.D

Acq: 21 Jun 2019 20:29

Instrument :

MSVOA_X

ClientSampled :

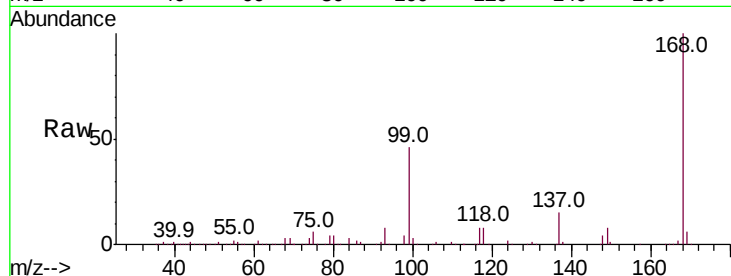
W-4

Tot Ion:168 Resp: 279253

Ion Ratio Lower Upper

168 100

99 46.5 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

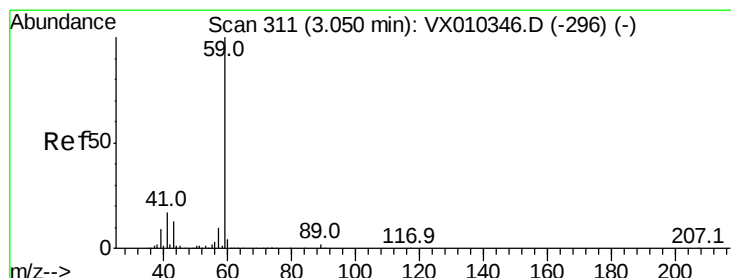
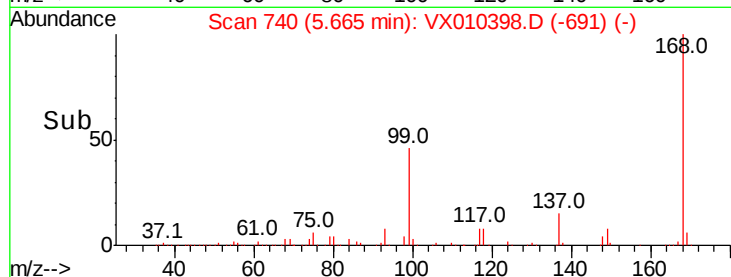
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 4.828 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010398.D

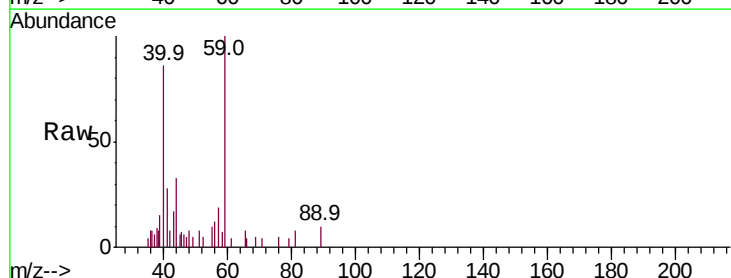
Acq: 21 Jun 2019 20:29

Tgt Ion: 59 Resp: 3308

Ion Ratio Lower Upper

59 100

57 14.8 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

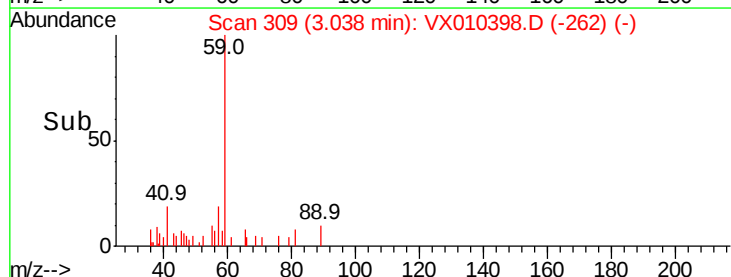
1000

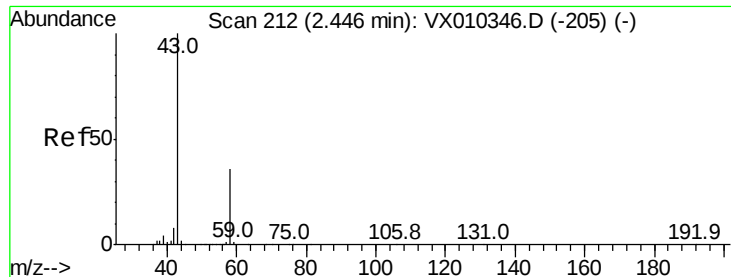
500

0

Time-->

2.95 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 7.929 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010398.D

Acq: 21 Jun 2019 20:29

Instrument :

MSVOA_X

ClientSampled :

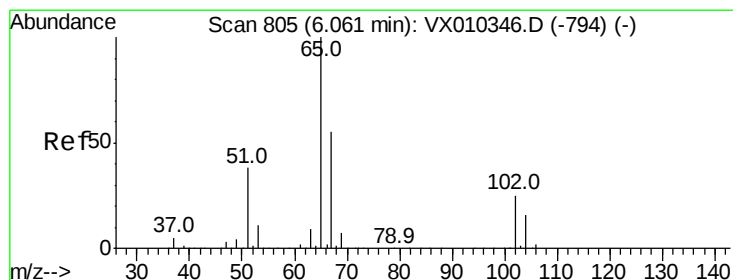
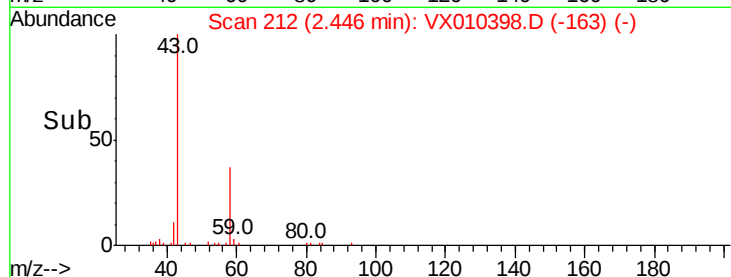
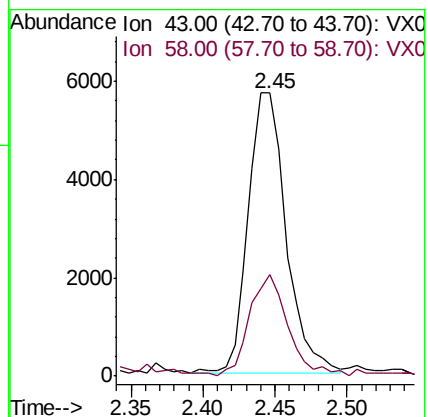
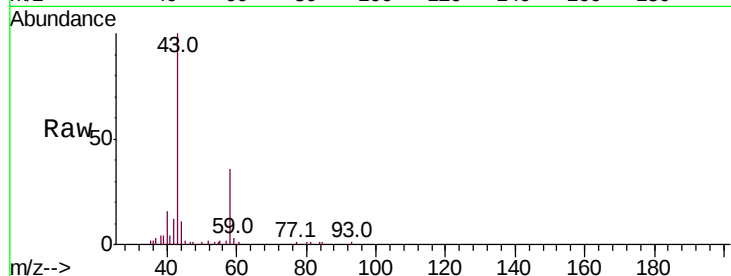
W-4

Tot Ion: 43 Resp: 10404

Ion Ratio Lower Upper

43 100

58 35.0 28.9 43.3



#33

1,2-Dichloroethane-d4

Concen: 50.114 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010398.D

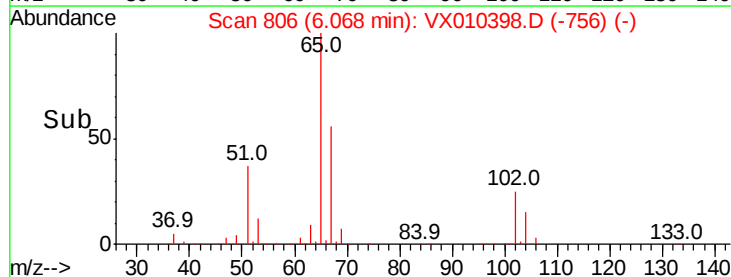
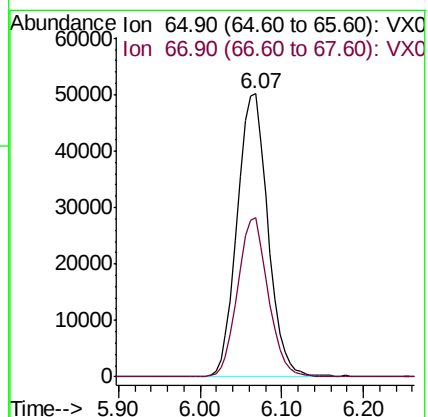
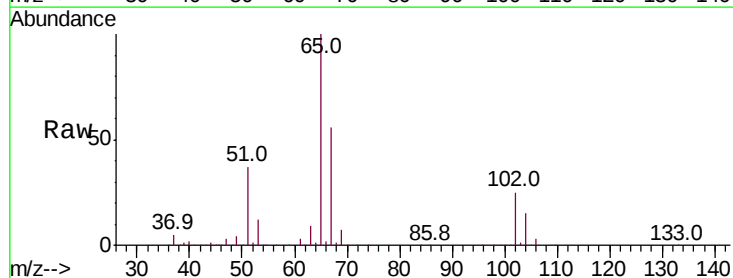
Acq: 21 Jun 2019 20:29

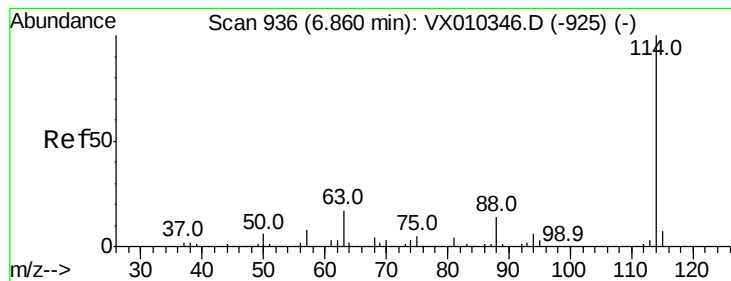
Tgt Ion: 65 Resp: 131211

Ion Ratio Lower Upper

65 100

67 55.6 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: VX010398.D

Acq: 21 Jun 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

W-4

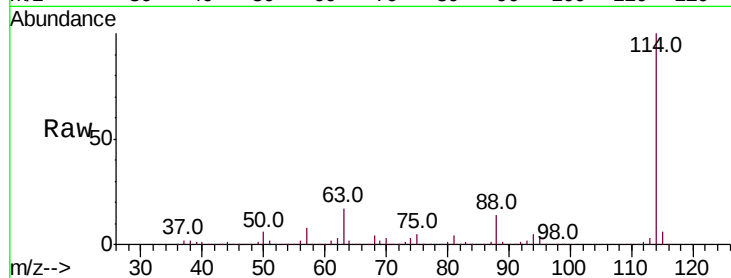
Tot Ion:114 Resp: 428616

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

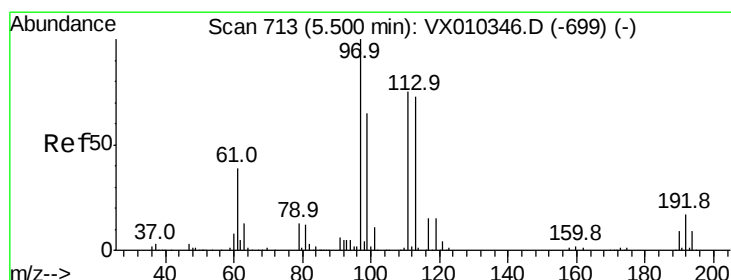
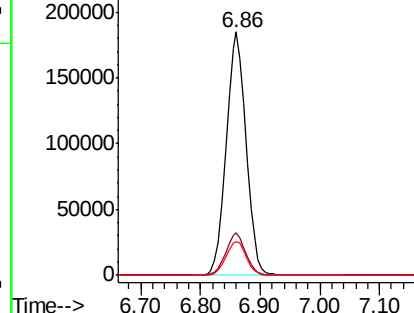
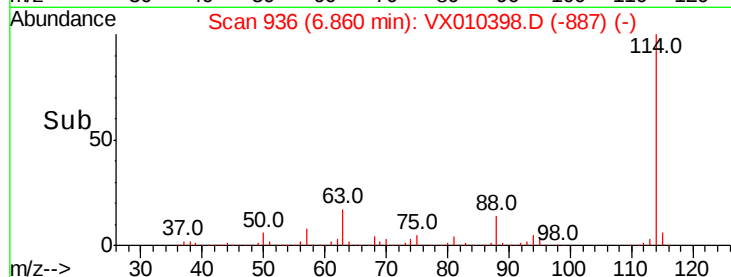
88 14.1 0.0 27.6



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: 49.519 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010398.D

Acq: 21 Jun 2019 20:29

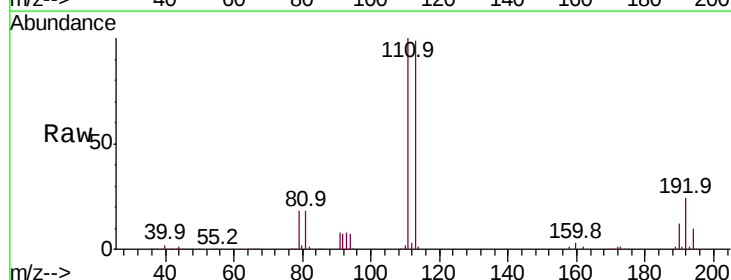
Tgt Ion:113 Resp: 129859

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

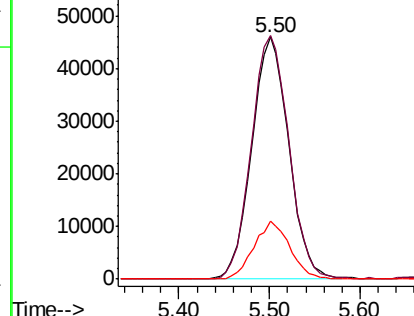
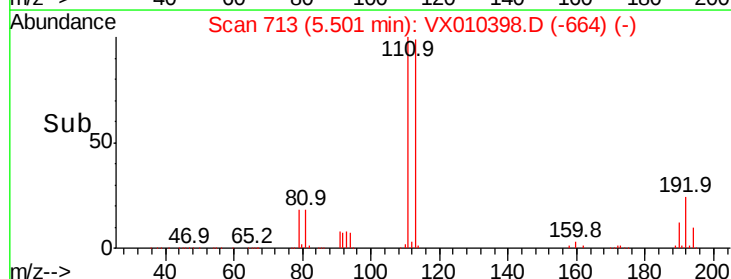
192 23.3 18.6 27.8

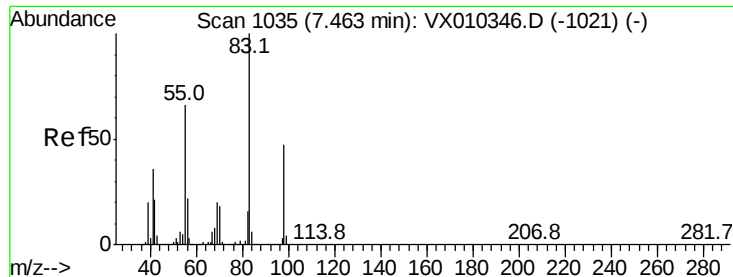


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

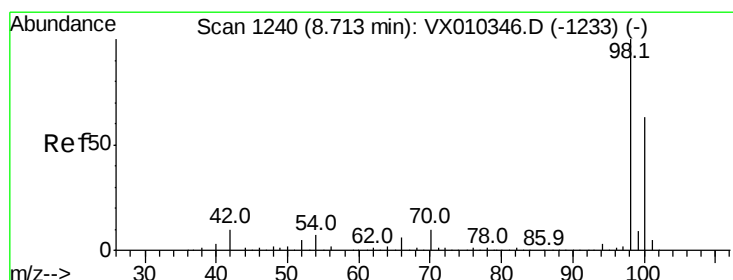
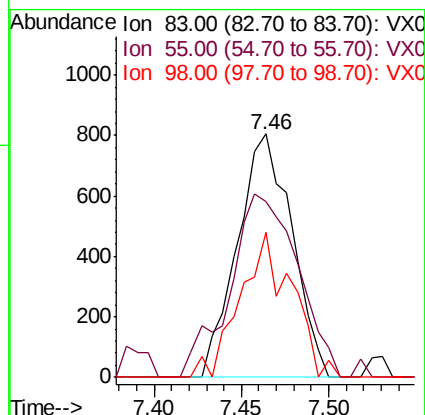
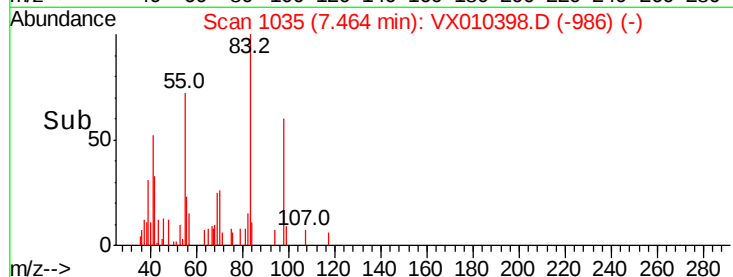
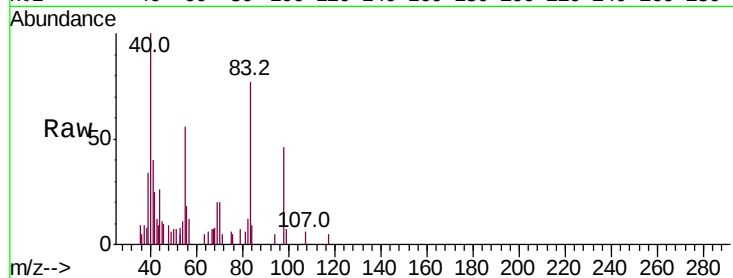




#39
Methvlcvclohexane
Concen: 0.389 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010398.D
Acq: 21 Jun 2019 20:29

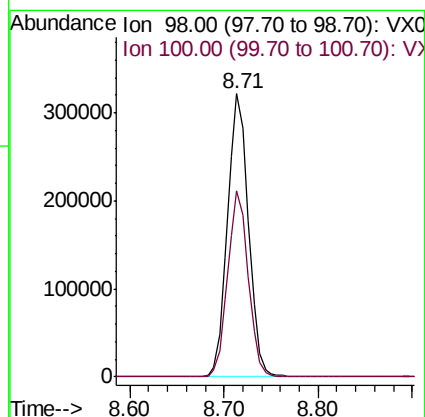
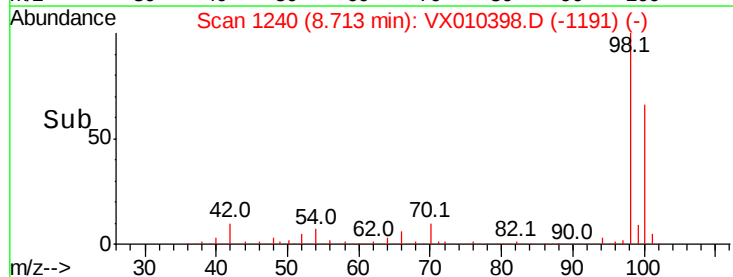
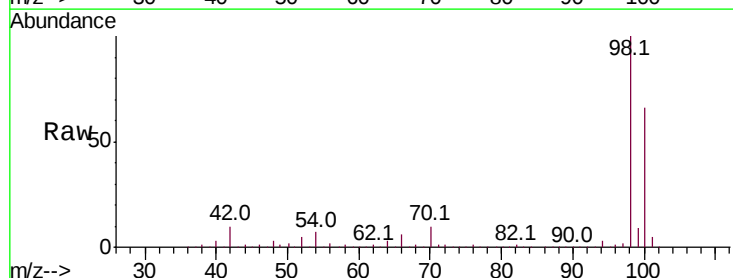
Instrument :
MSVOA_X
ClientSampled :
W-4

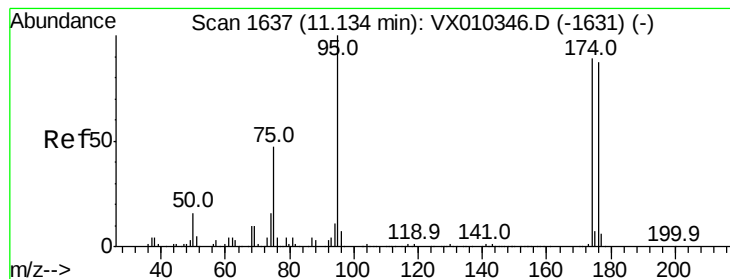
Tot Ion: 83 Resp: 1741
Ion Ratio Lower Upper
83 100
55 72.3 53.0 79.6
98 59.7 37.8 56.8#



#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010398.D
Acq: 21 Jun 2019 20:29

Tgt Ion: 98 Resp: 497091
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 45.331 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010398.D

Acq: 21 Jun 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

W-4

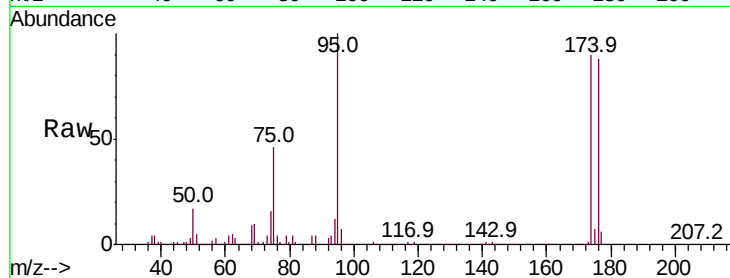
Tot Ion: 95 Resp: 164196

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.6

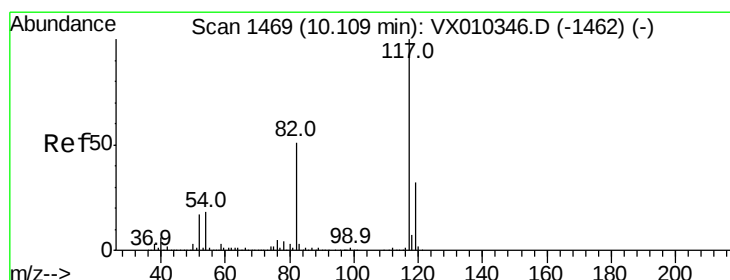
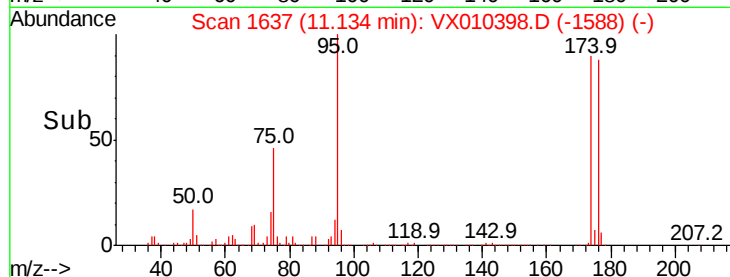
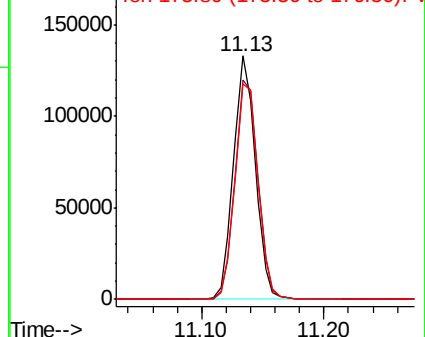
176 93.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010398.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010398.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010398.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010398.D

Acq: 21 Jun 2019 20:29

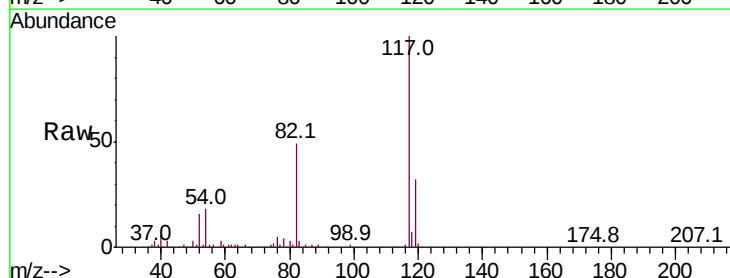
Tgt Ion: 117 Resp: 379406

Ion Ratio Lower Upper

117 100

82 49.5 41.2 61.8

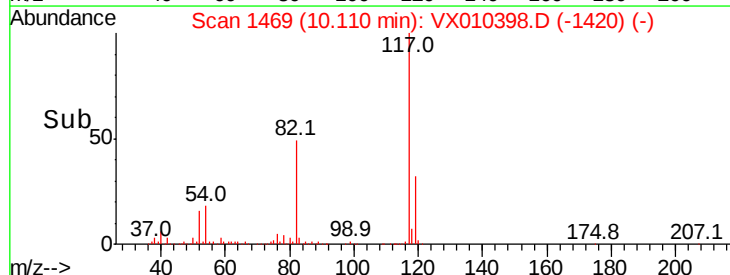
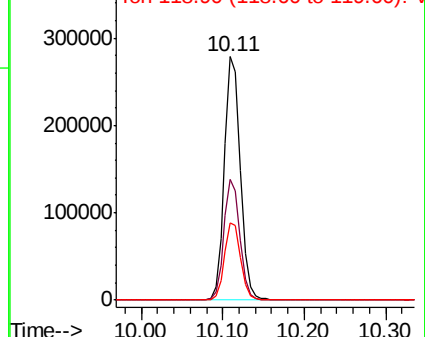
119 31.8 25.5 38.3

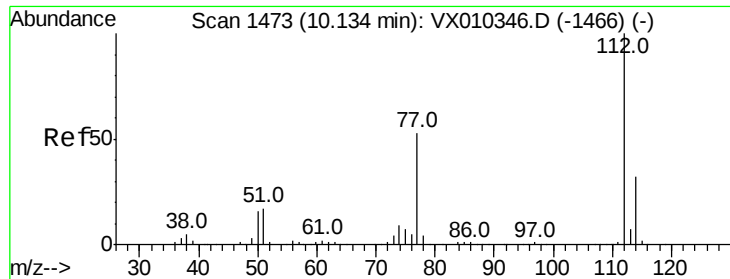


Abundance Ion 116.90 (116.60 to 117.60): VX010398.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010398.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010398.D (-1420) (-)

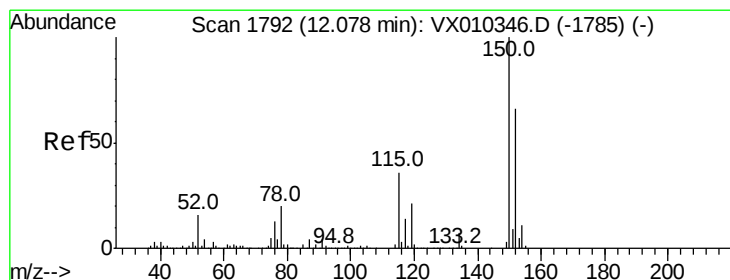
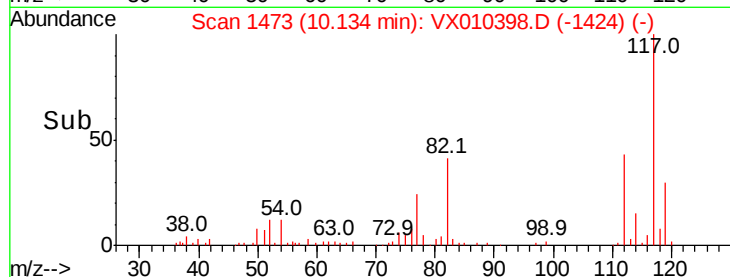
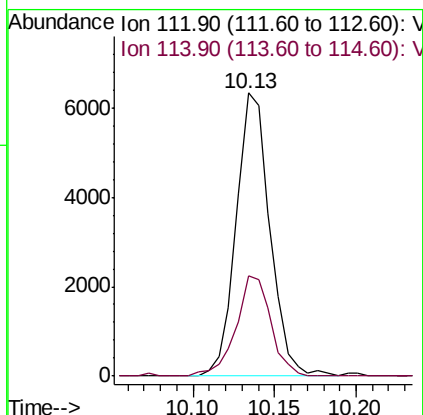
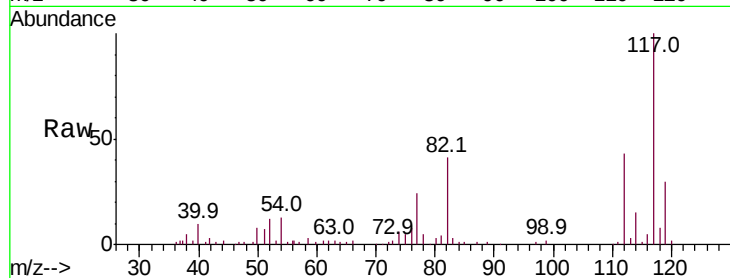




#65
Chlorobenzene
Concen: 1.188 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010398.D
Acq: 21 Jun 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
W-4

Tot Ion:112 Resp: 9147
Ion Ratio Lower Upper
112 100
114 35.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010398.D
Acq: 21 Jun 2019 20:29

Tgt Ion:152 Resp: 172113
Ion Ratio Lower Upper
152 100
115 54.2 38.6 115.7
150 156.6 0.0 347.4

