

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013019\
 Data File : VW008466.D
 Acq On : 30 Jan 2019 15:25
 Operator : SY/VA
 Sample : K1282-17
 Misc : 4.41G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Quant Time: Jan 31 04:11:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

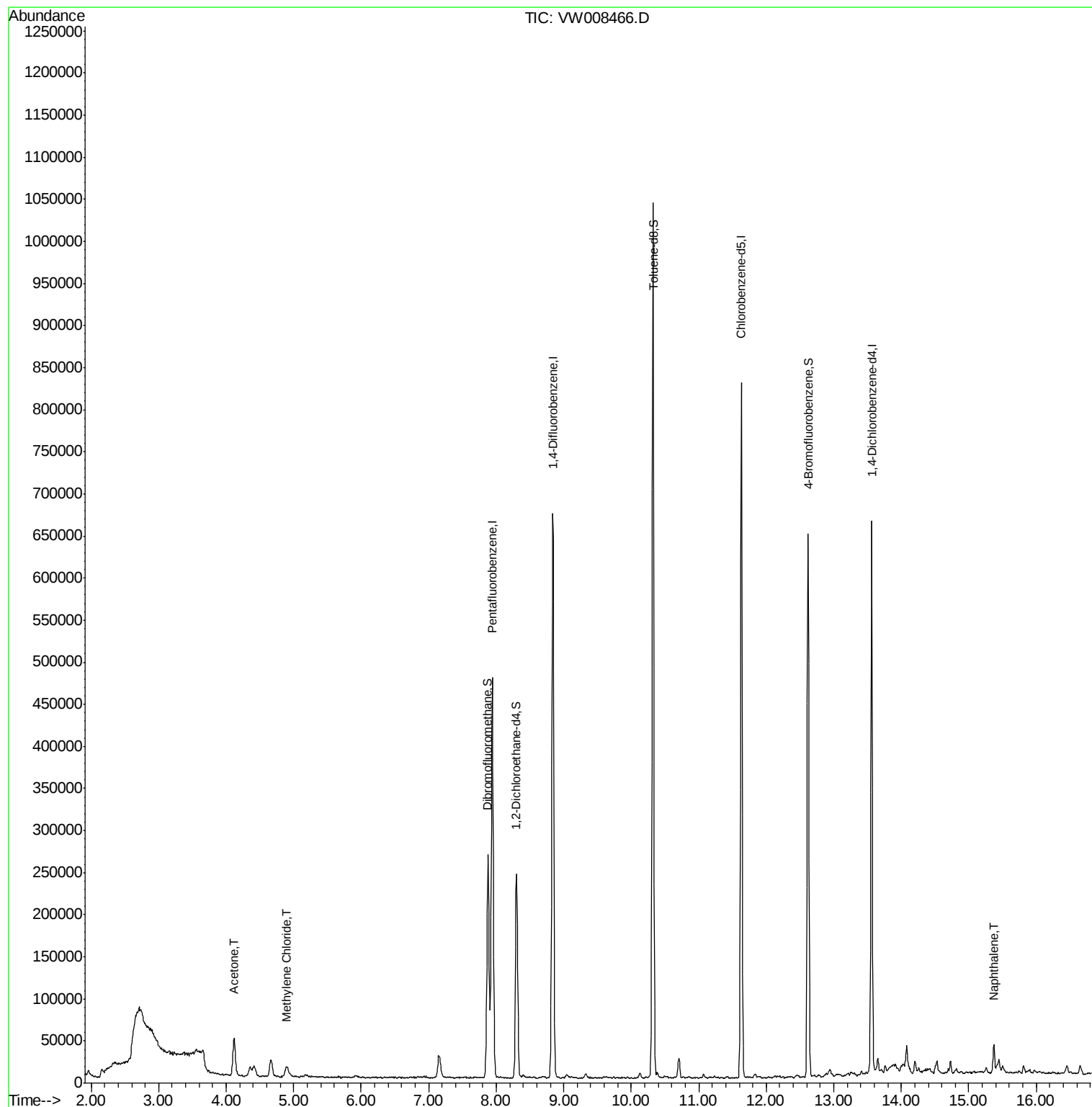
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	367556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	574733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	466967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	186273	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	7.88	113	184452	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.32	98	670652	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.62	95	203437	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.54%	
Target Compounds						
16) Acetone	4.12	43	75138	92.662	ug/l	99
20) Methylene Chloride	4.90	84	10948	2.929	ug/l	93
95) Naphthalene	15.37	128	29787	4.817	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

Instrument :

MSVOA_W

ClientSampled :

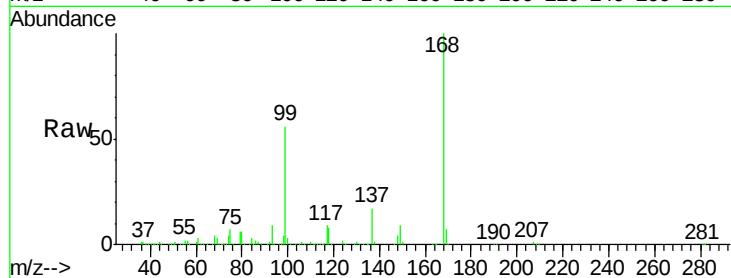
TP-5

Tot Ion:168 Resp: 367556

Ion Ratio Lower Upper

168 100

99 56.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

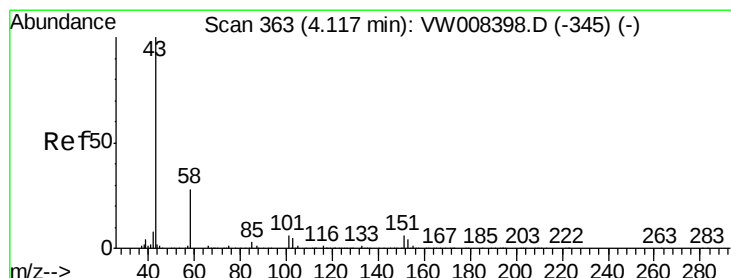
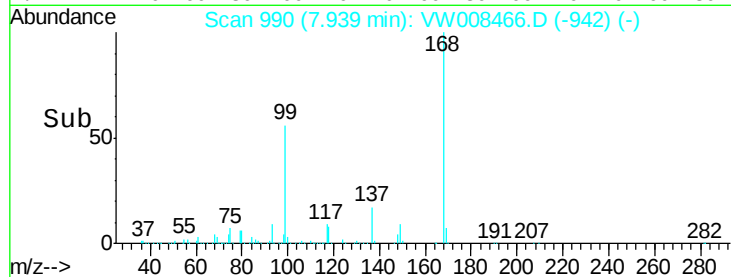
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 92.662 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008466.D

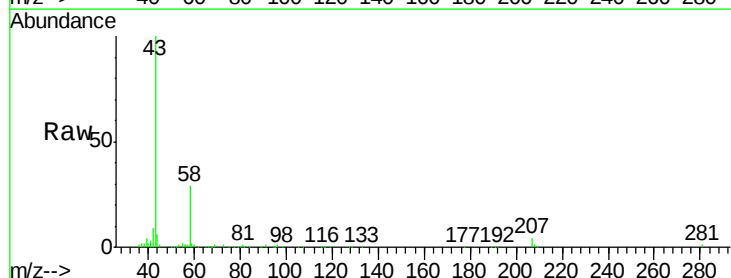
Acq: 30 Jan 2019 15:25

Tgt Ion: 43 Resp: 75138

Ion Ratio Lower Upper

43 100

58 28.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

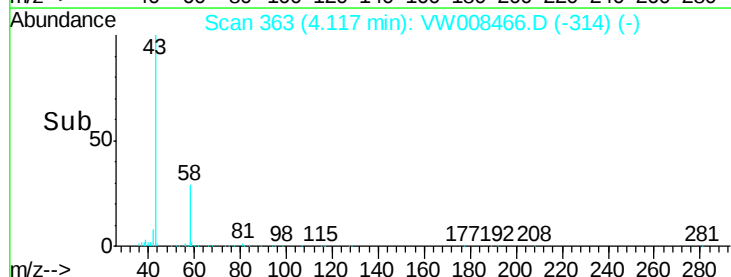
30000

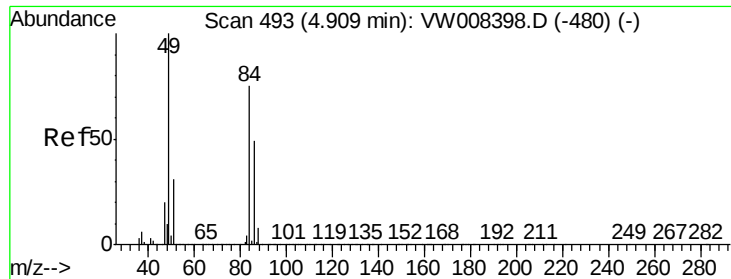
20000

10000

0

Time-->





#20

Methylene Chloride

Concen: 2.929 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

Instrument :
MSVOA_W
ClientSampled :
TP-5

Tot Ion: 84 Resp: 10948

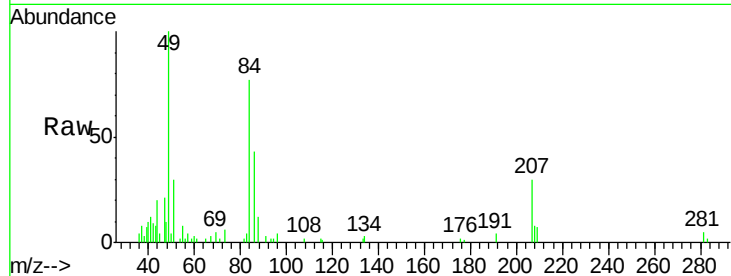
Ion Ratio Lower Upper

84 100

49 127.0 106.8 160.2

51 36.5 32.9 49.3

86 55.9 52.2 78.2

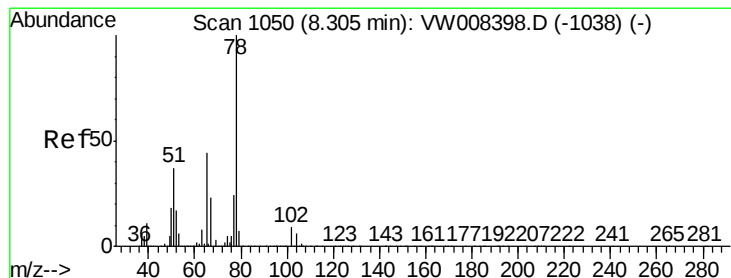
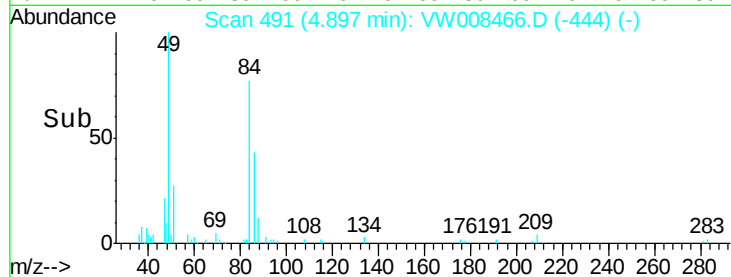
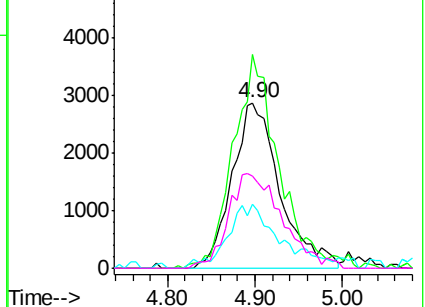


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.586 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008466.D

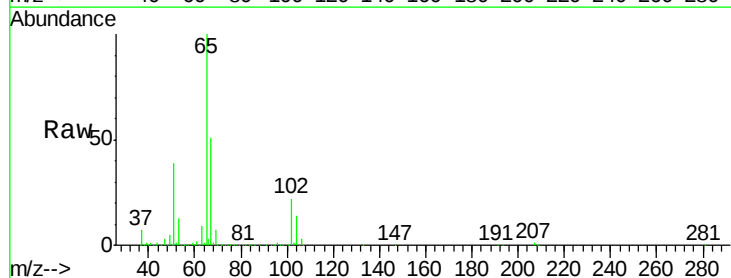
Acq: 30 Jan 2019 15:25

Tgt Ion: 65 Resp: 186273

Ion Ratio Lower Upper

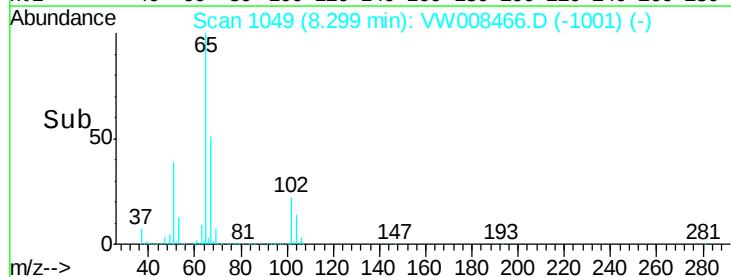
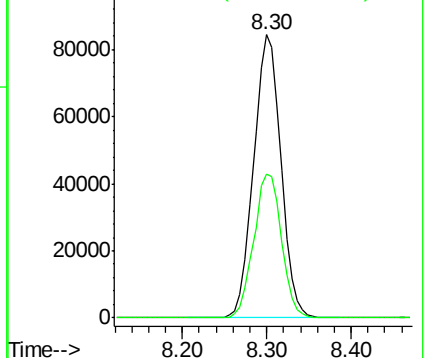
65 100

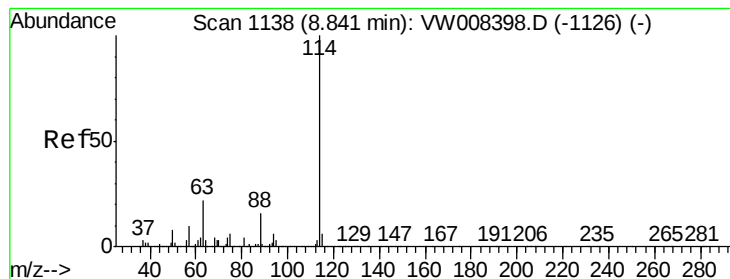
67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

Instrument :

MSVOA_W

ClientSampleId :

TP-5

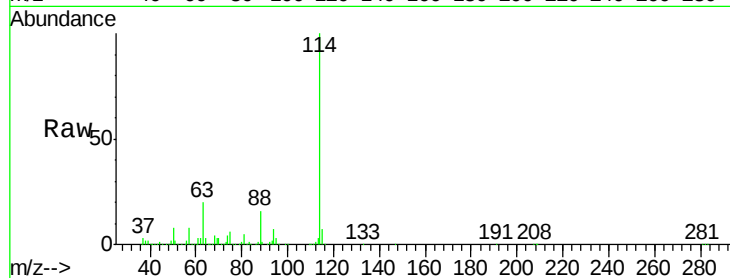
Tot Ion:114 Resp: 574733

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.6

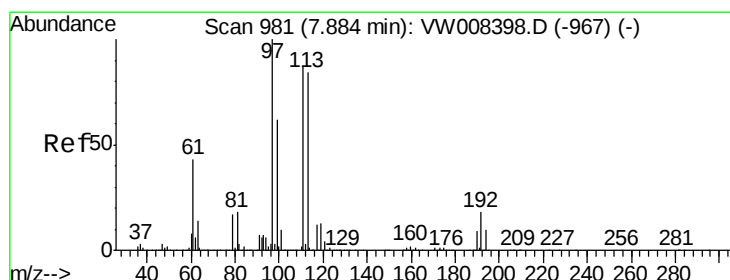
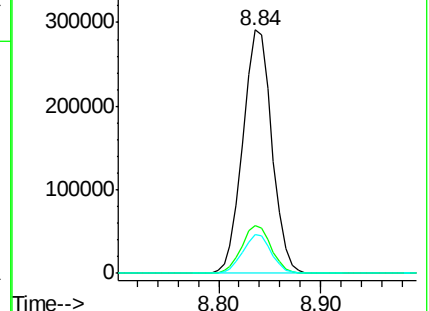
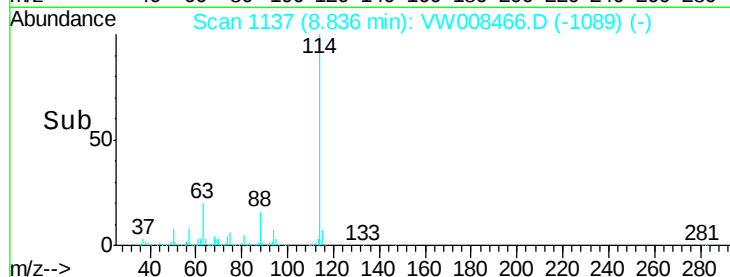
88 16.0 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 54.886 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

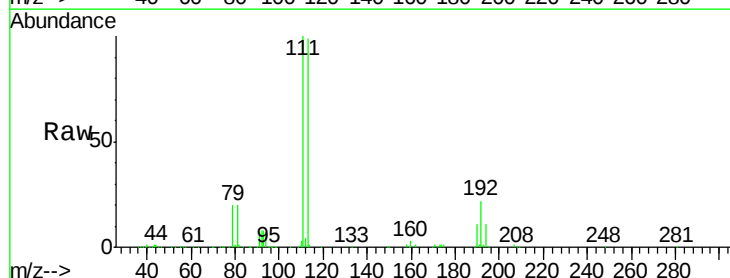
Tgt Ion:113 Resp: 184452

Ion Ratio Lower Upper

113 100

111 100.9 81.0 121.4

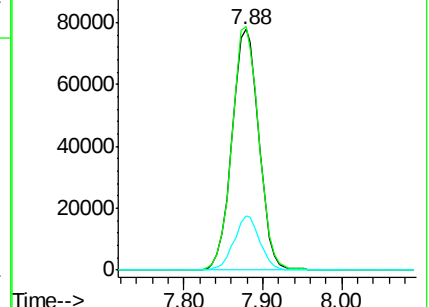
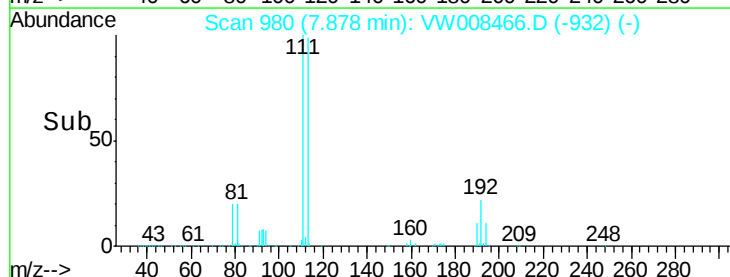
192 21.5 16.8 25.2

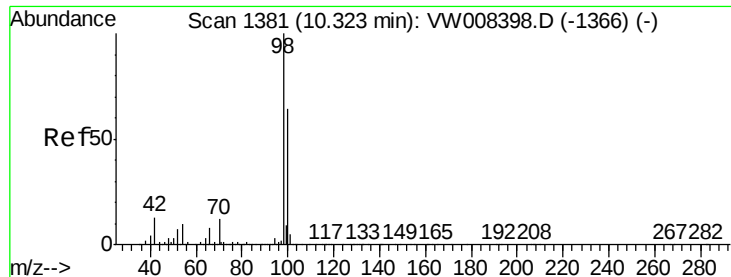


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.765 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

Instrument :

MSVOA_W

ClientSampled :

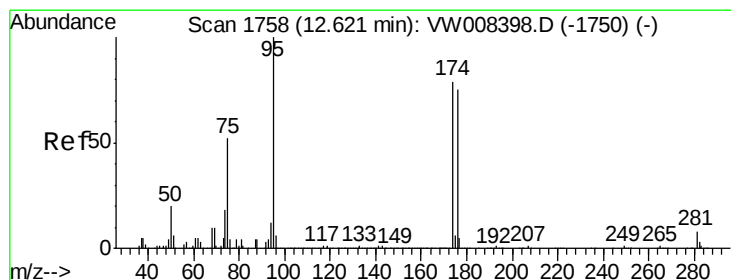
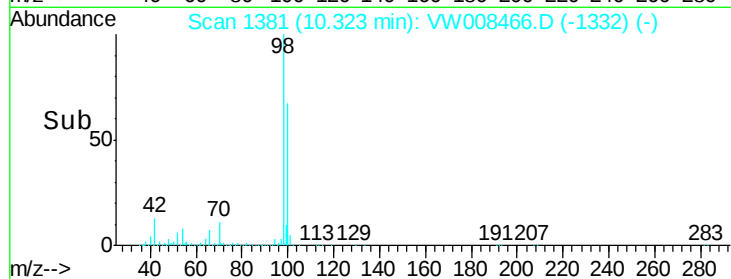
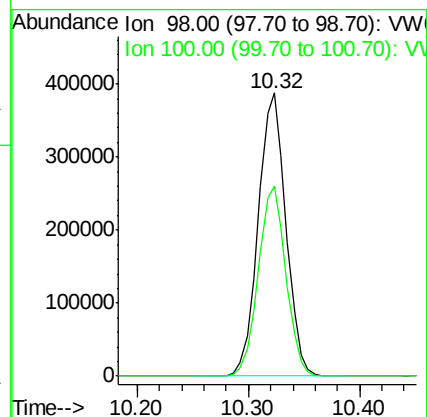
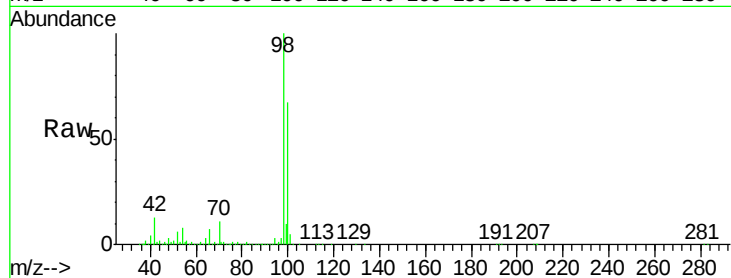
TP-5

Tot Ion: 98 Resp: 670652

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 39.273 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

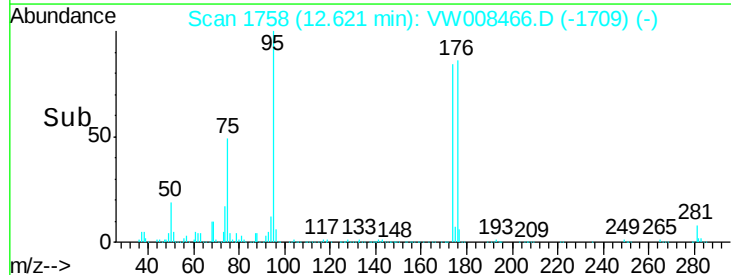
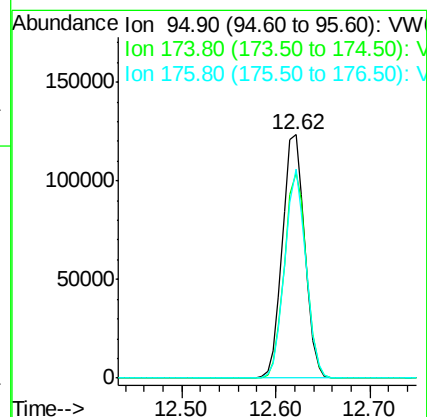
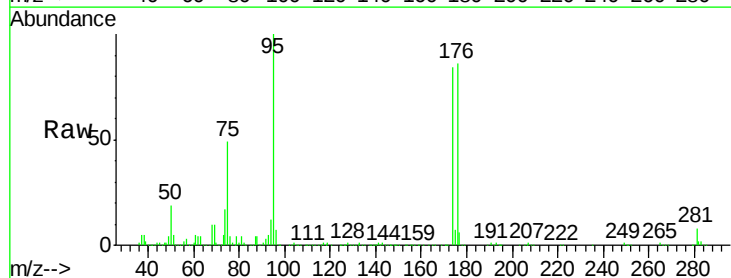
Tgt Ion: 95 Resp: 203437

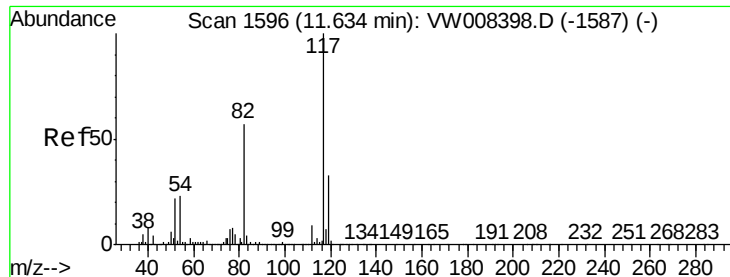
Ion Ratio Lower Upper

95 100

174 83.0 0.0 157.6

176 81.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

Instrument :

MSVOA_W

ClientSampleId :

TP-5

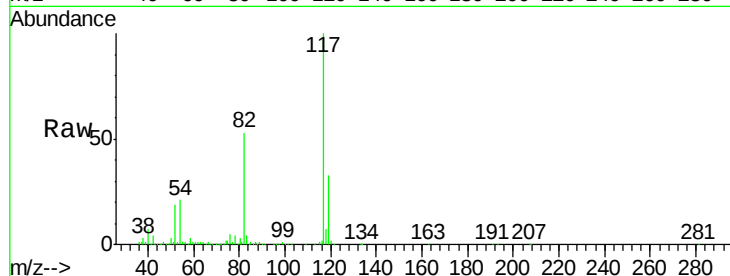
Tot Ion:117 Resp: 466967

Ion Ratio Lower Upper

117 100

82 52.8 45.4 68.0

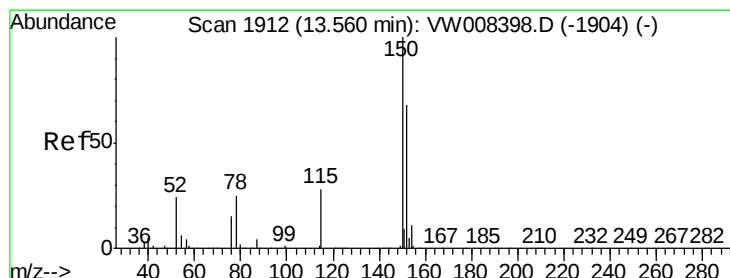
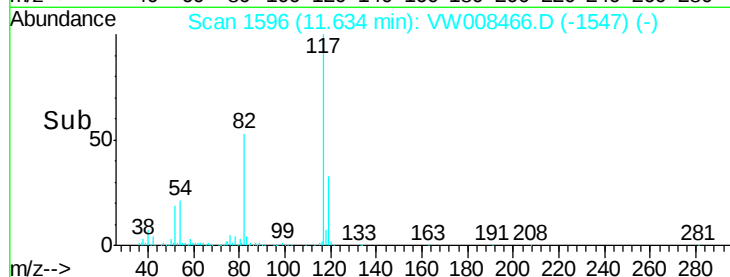
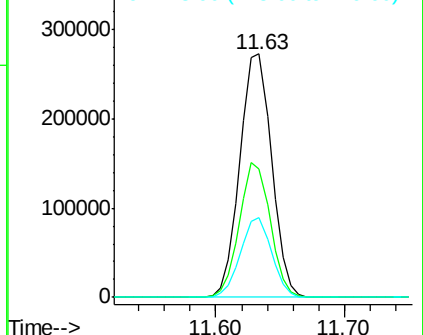
119 32.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

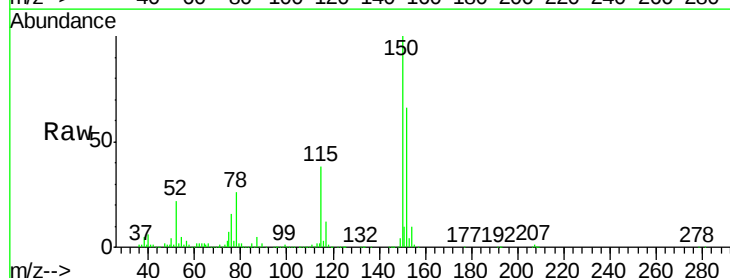
Tgt Ion:152 Resp: 169621

Ion Ratio Lower Upper

152 100

115 58.0 29.9 89.7

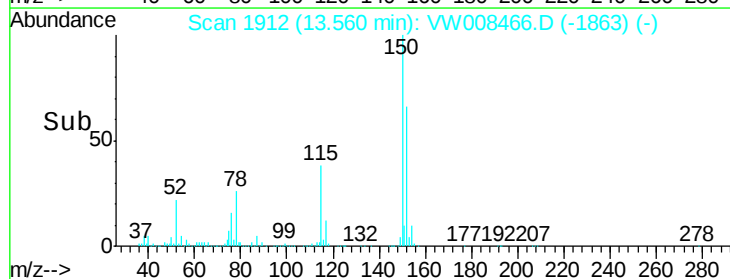
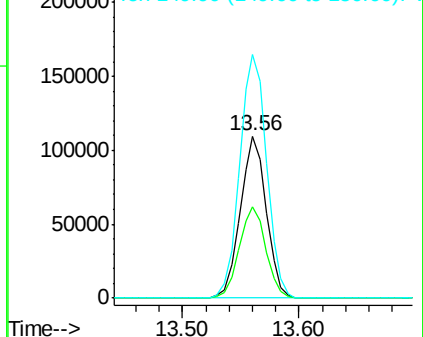
150 156.6 0.0 351.4

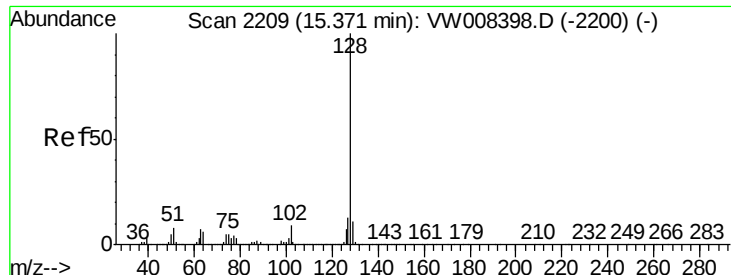


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.817 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008466.D

Acq: 30 Jan 2019 15:25

Instrument :

MSVOA_W

ClientSampleId :

TP-5

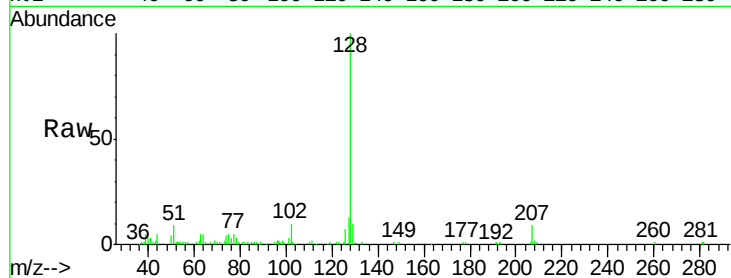
Tot Ion:128 Resp: 29787

Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

129 12.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

