

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013019\
 Data File : VW008467.D
 Acq On : 30 Jan 2019 15:51
 Operator : SY/VA
 Sample : K1282-21
 Misc : 3.85G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Quant Time: Jan 31 04:14:39 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

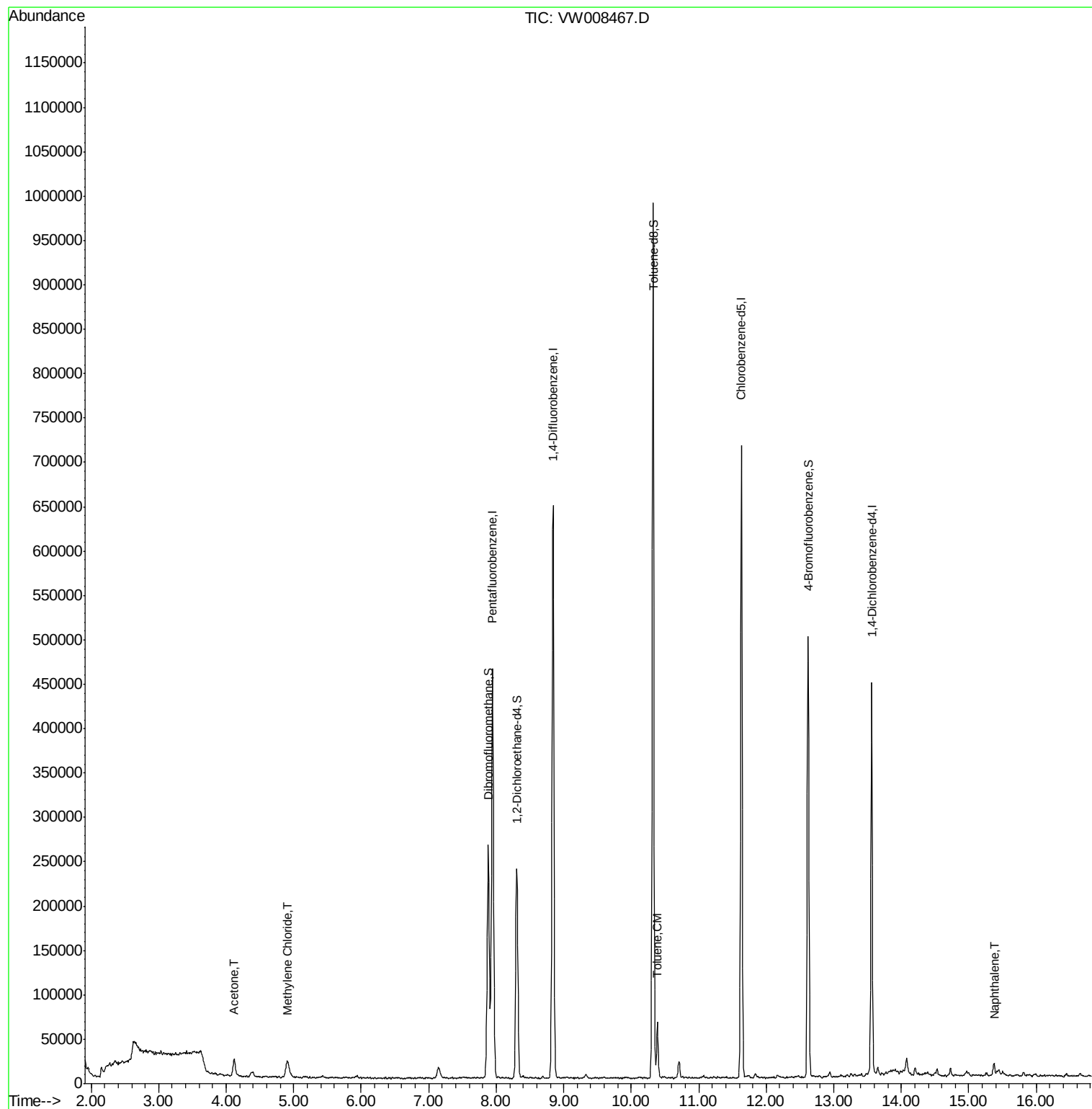
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	362321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	554373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	180111	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	7.88	113	179807	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.94%	
50) Toluene-d8	10.32	98	640271	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	154475	30.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.84%	
Target Compounds						
16) Acetone	4.12	43	31713	39.674	ug/l	98
20) Methylene Chloride	4.91	84	15815	4.293	ug/l #	84
52) Toluene	10.38	92	26549	2.768	ug/l	97
95) Naphthalene	15.38	128	11296	2.662	ug/l #	90

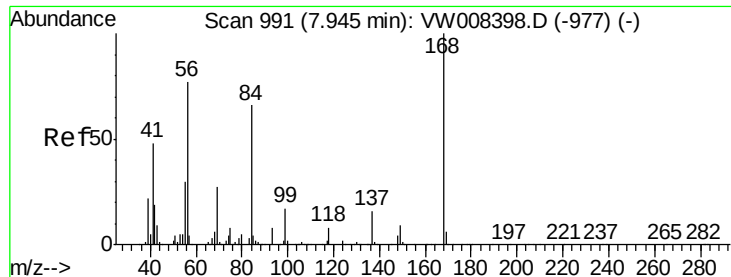
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008467.D

Acq: 30 Jan 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

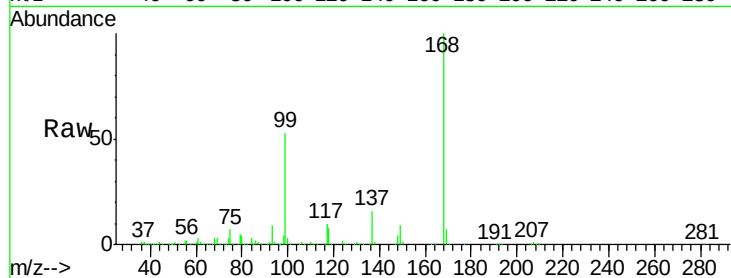
TP-6

Tot Ion:168 Resp: 362321

Ion Ratio Lower Upper

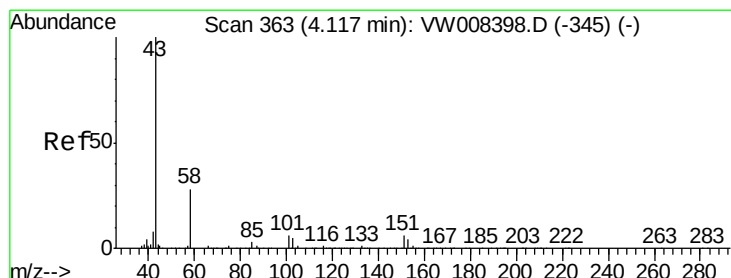
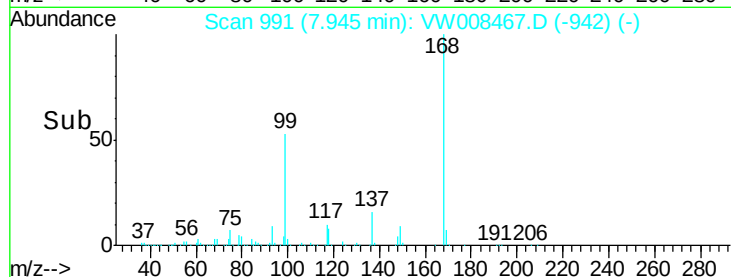
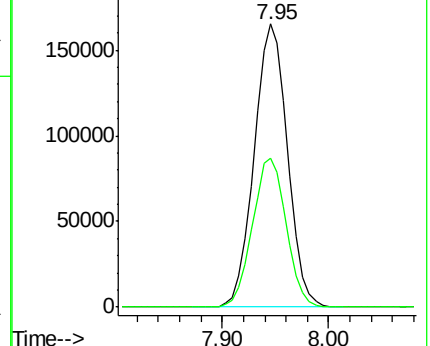
168 100

99 52.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 39.674 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008467.D

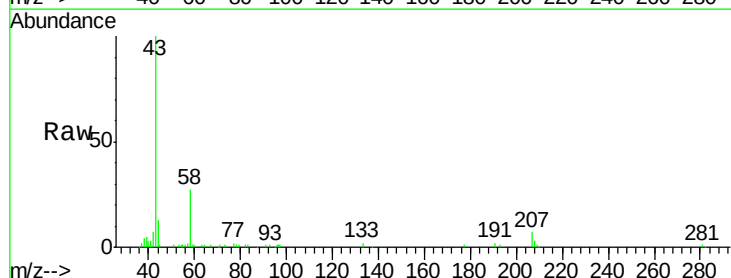
Acq: 30 Jan 2019 15:51

Tgt Ion: 43 Resp: 31713

Ion Ratio Lower Upper

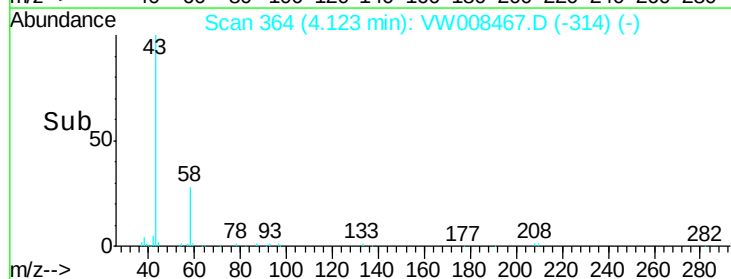
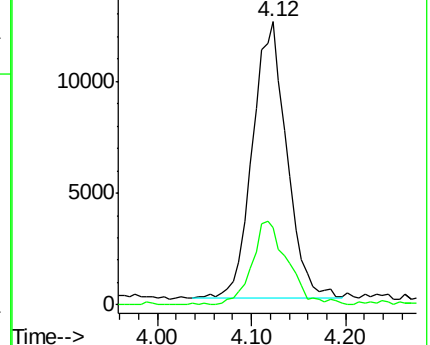
43 100

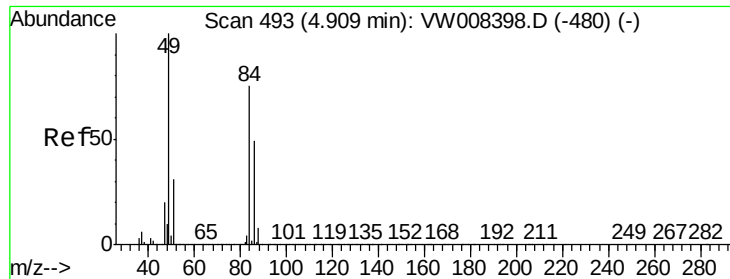
58 27.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

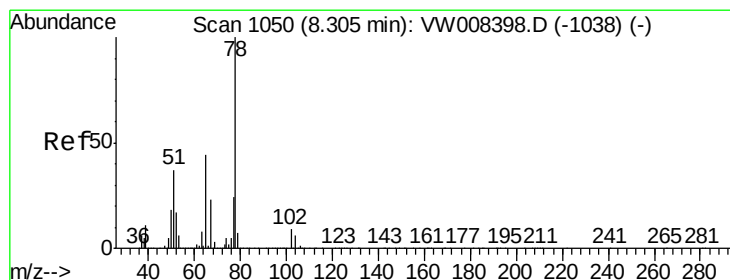
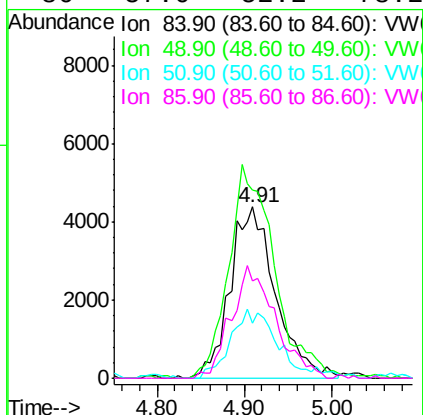
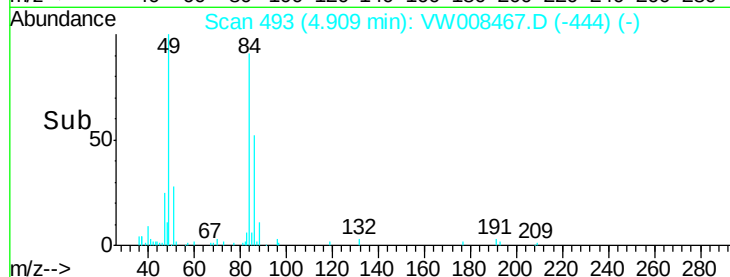
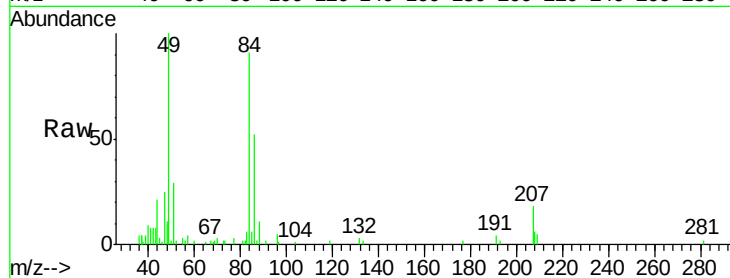




#20
Methylene Chloride
Concen: 4.293 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008467.D
Acq: 30 Jan 2019 15:51

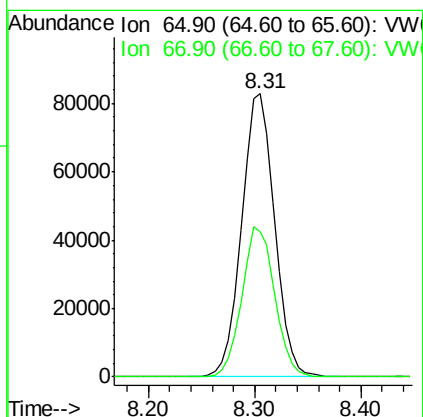
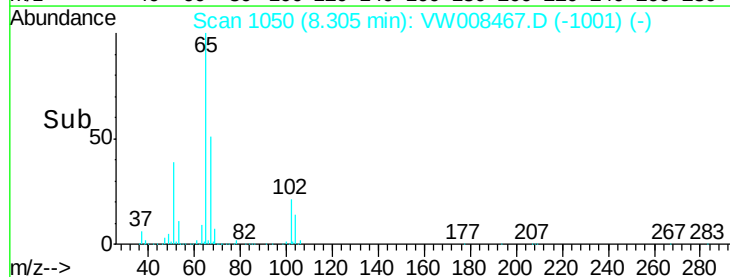
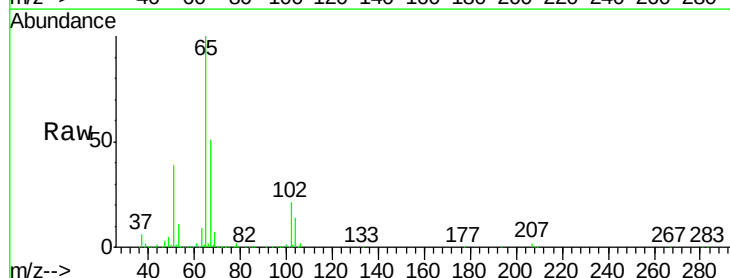
Instrument :
MSVOA_W
ClientSampleId :
TP-6

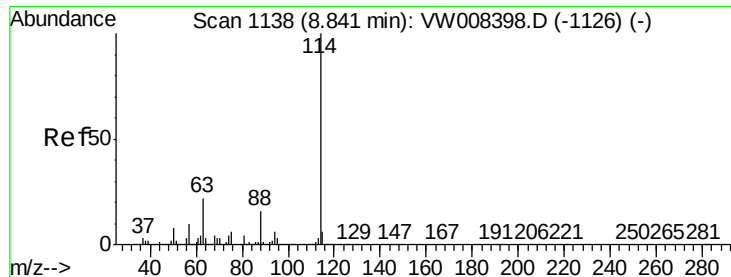
Tot Ion:	84	Resp:	15815
Ion	Ratio	Lower	Upper
84	100		
49	110.1	106.8	160.2
51	32.4	32.9	49.3#
86	57.0	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 50.601 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008467.D
Acq: 30 Jan 2019 15:51

Tgt Ion:	65	Resp:	180111
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008467.D

Acq: 30 Jan 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

TP-6

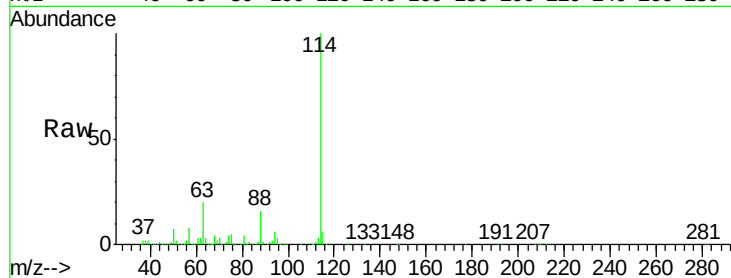
Tot Ion:114 Resp: 554373

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.6

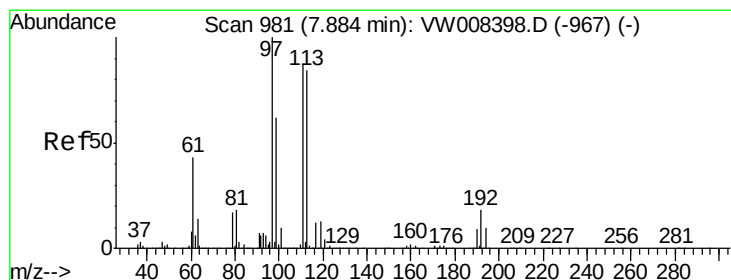
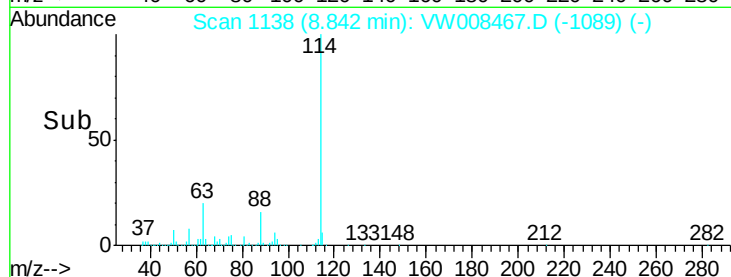
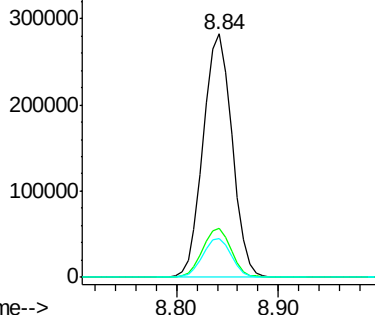
88 15.8 0.0 31.8



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: 55.468 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008467.D

Acq: 30 Jan 2019 15:51

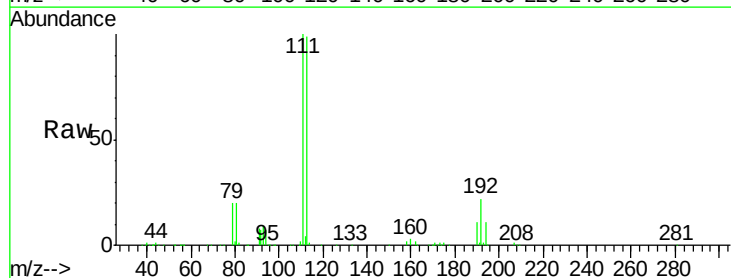
Tgt Ion:113 Resp: 179807

Ion Ratio Lower Upper

113 100

111 103.3 81.0 121.4

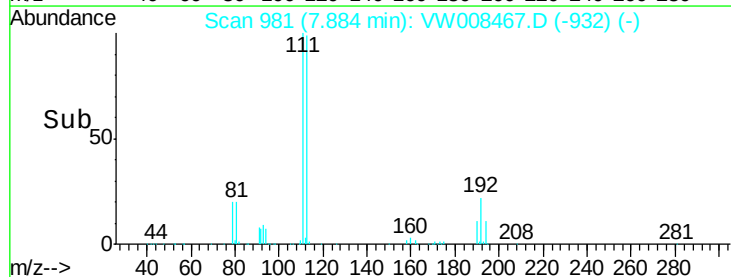
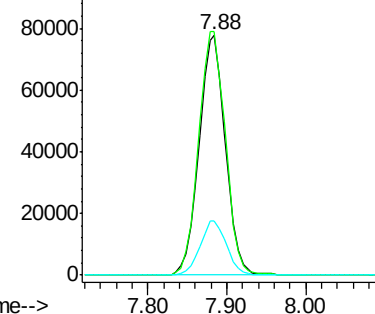
192 22.7 16.8 25.2

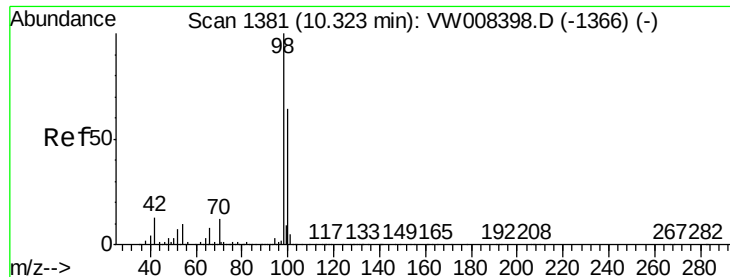


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.255 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008467.D

Acq: 30 Jan 2019 15:51

Instrument :

MSVOA_W

ClientSampled :

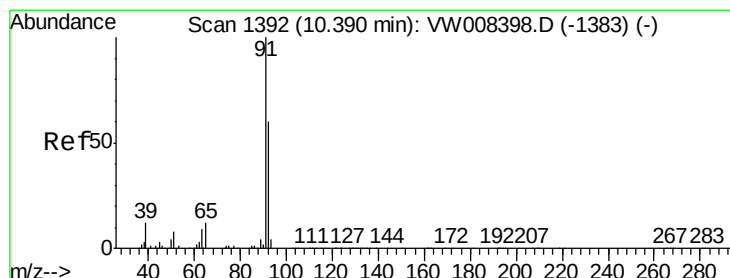
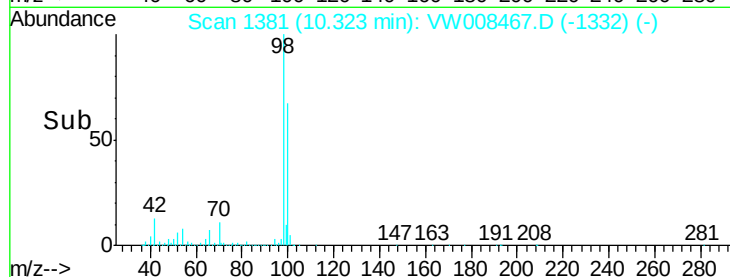
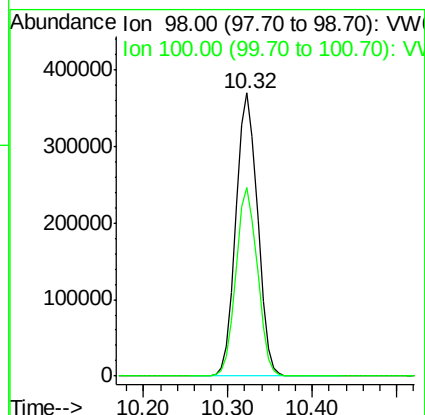
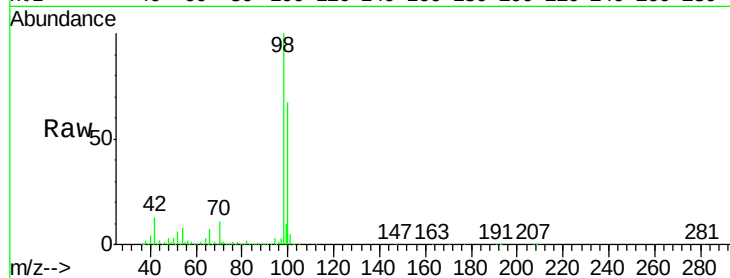
TP-6

Tot Ion: 98 Resp: 640271

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#52

Toluene

Concen: 2.768 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008467.D

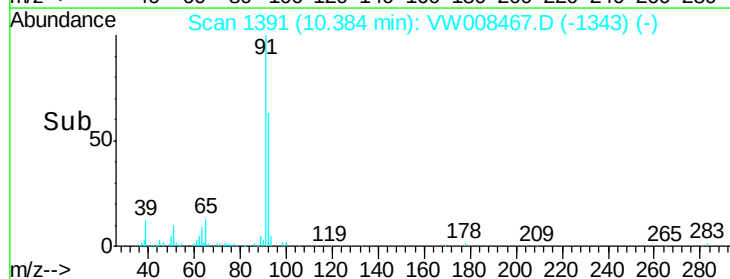
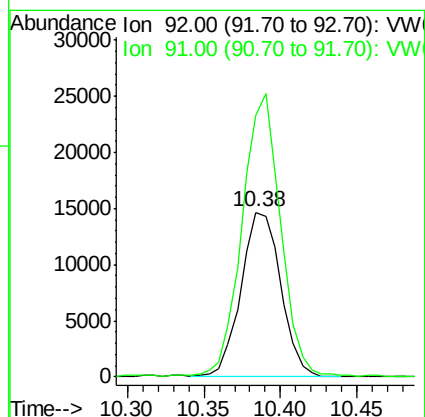
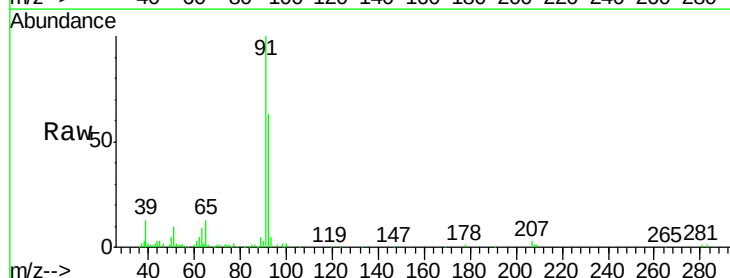
Acq: 30 Jan 2019 15:51

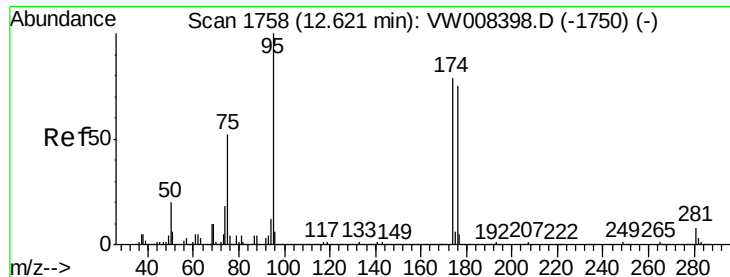
Tgt Ion: 92 Resp: 26549

Ion Ratio Lower Upper

92 100

91 164.7 135.5 203.3





#62

4-Bromofluorobenzene

Concen: 30.916 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008467.D

Acq: 30 Jan 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

TP-6

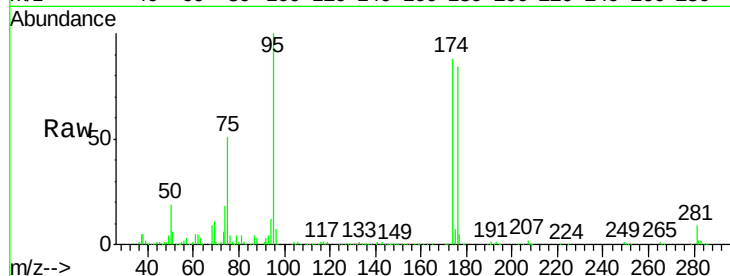
Tot Ion: 95 Resp: 154475

Ion Ratio Lower Upper

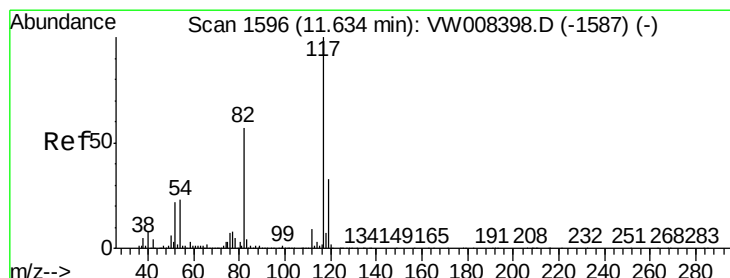
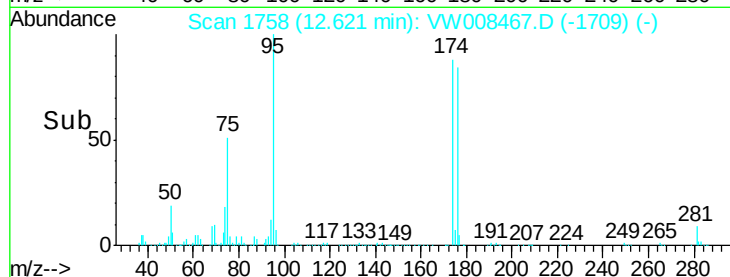
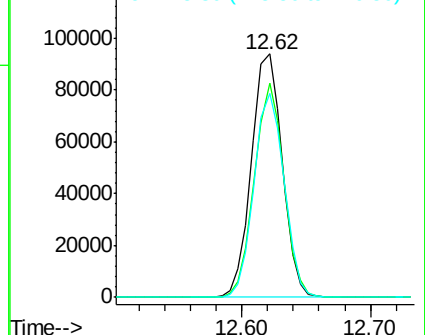
95 100

174 84.1 0.0 157.6

176 82.2 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008467.D

Acq: 30 Jan 2019 15:51

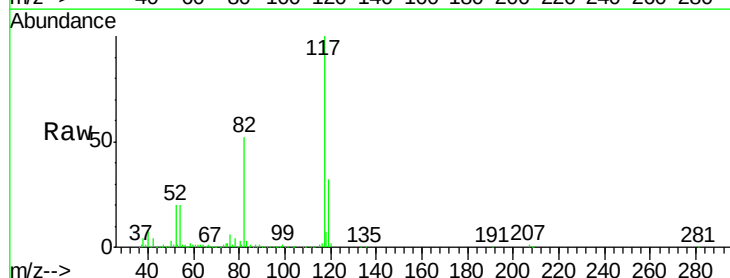
Tgt Ion: 117 Resp: 401687

Ion Ratio Lower Upper

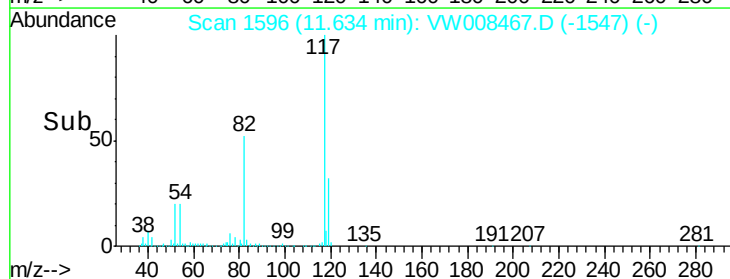
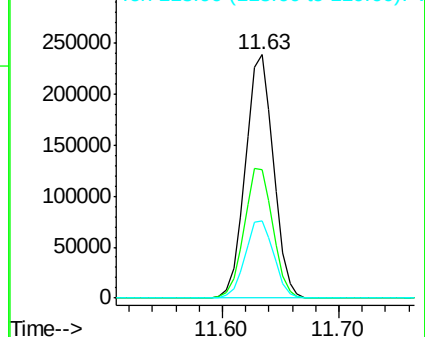
117 100

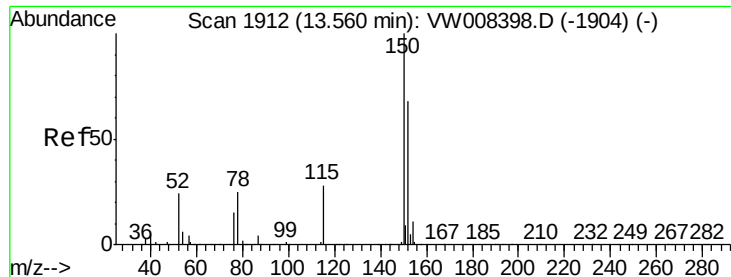
82 52.4 45.4 68.0

119 31.8 26.2 39.4



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

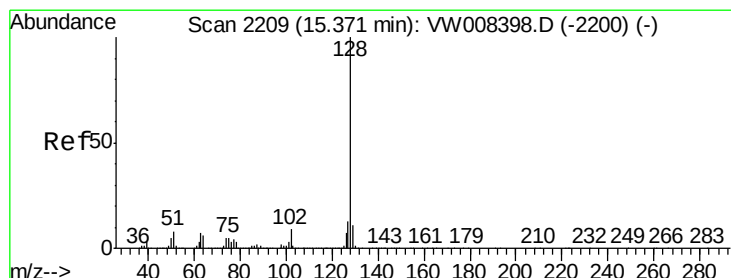
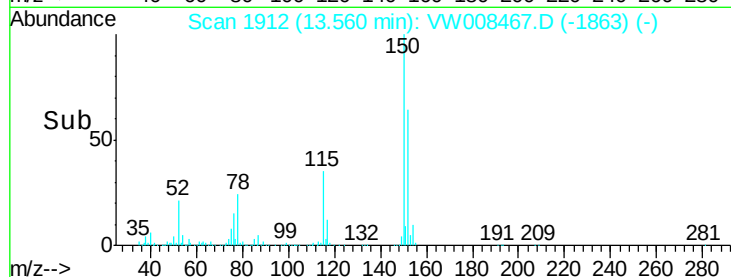
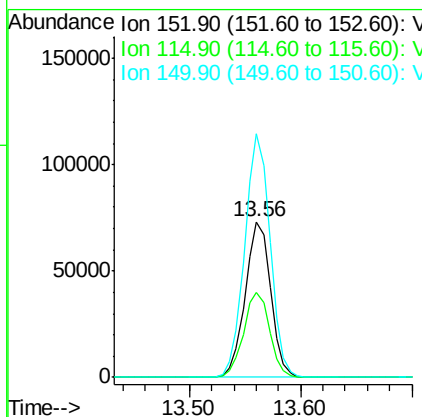
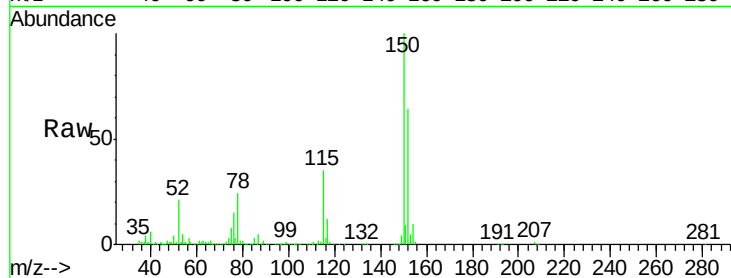




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW008467.D
 Acq: 30 Jan 2019 15:51

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Tot Ion:152 Resp: 116384
 Ion Ratio Lower Upper
 152 100
 115 55.8 29.9 89.7
 150 155.8 0.0 351.4



#95
 Naphthalene
 Concen: 2.662 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW008467.D
 Acq: 30 Jan 2019 15:51

Tgt Ion:128 Resp: 11296
 Ion Ratio Lower Upper
 128 100
 127 18.8 10.6 15.8#
 129 12.6 8.7 13.1

