

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010705.D
 Acq On : 06 Jun 2019 13:04
 Operator : SY/VA
 Sample : K3222-02
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-007-IDW/ISO-20190605

Quant Time: Jun 07 08:17:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

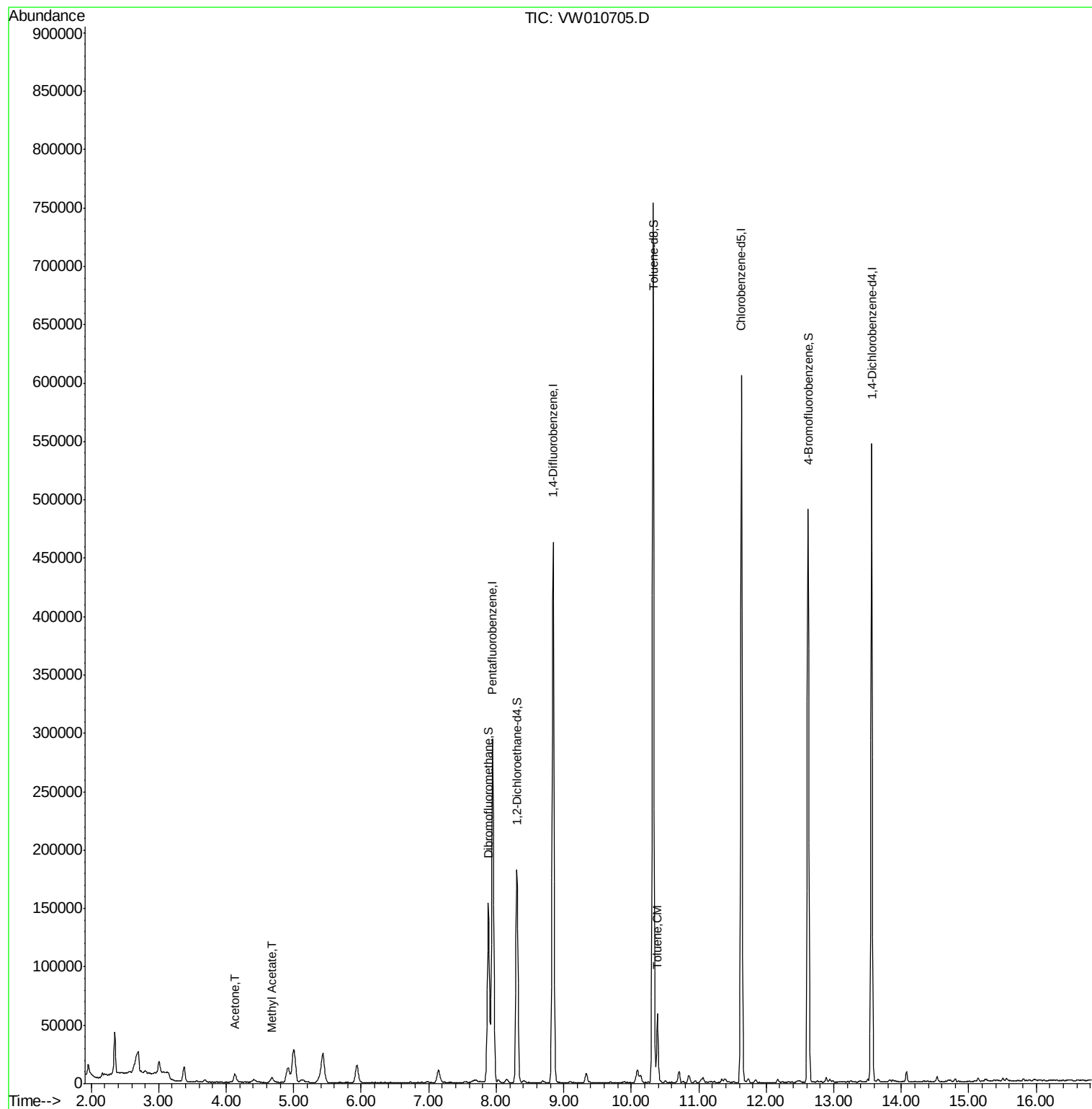
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	361062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144213	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
35) Dibromofluoromethane	7.88	113	106169	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
50) Toluene-d8	10.32	98	470081	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.62	95	160040	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
Target Compounds						
16) Acetone	4.13	43	13581	20.482	ug/l	99
18) Methyl Acetate	4.68	43	9004	6.308	ug/l	97
52) Toluene	10.39	92	23729	3.825	ug/l	98

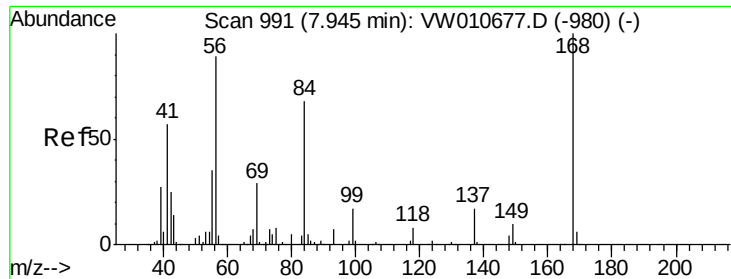
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010705.D

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Instrument :

MSVOA_W

ClientSampleId :

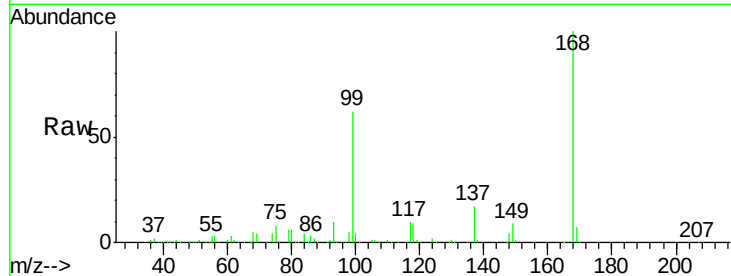
TT-007-IDWSO-20190605

Tot Ion:168 Resp: 209947

Ion Ratio Lower Upper

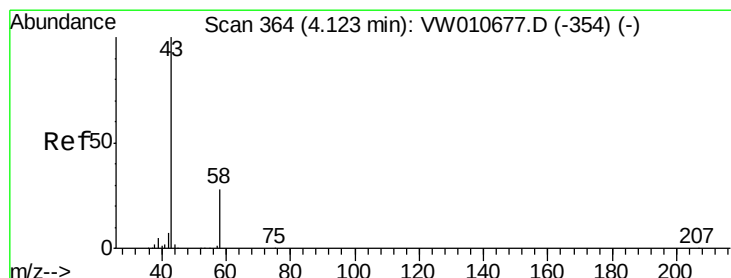
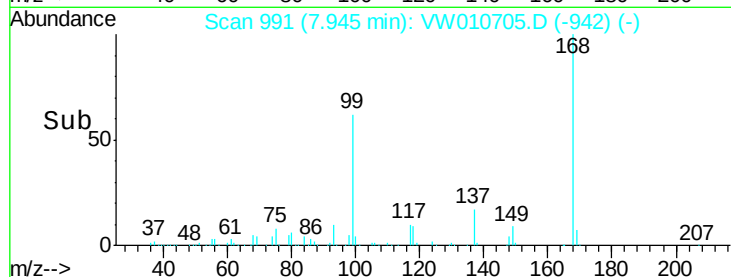
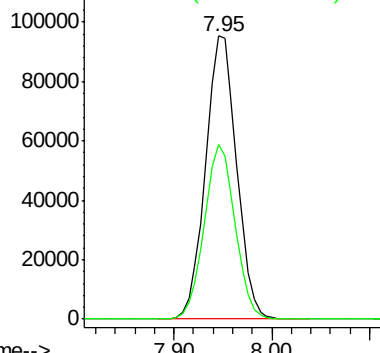
168 100

99 61.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 20.482 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010705.D

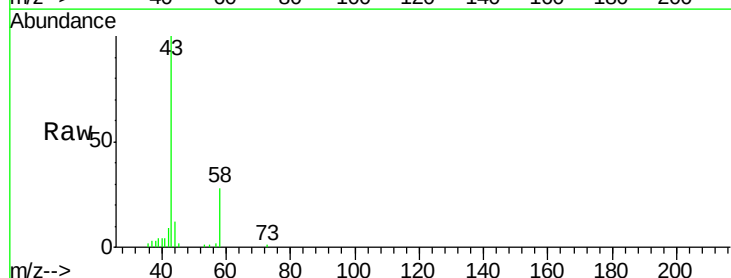
Acq: 06 Jun 2019 13:04

Tgt Ion: 43 Resp: 13581

Ion Ratio Lower Upper

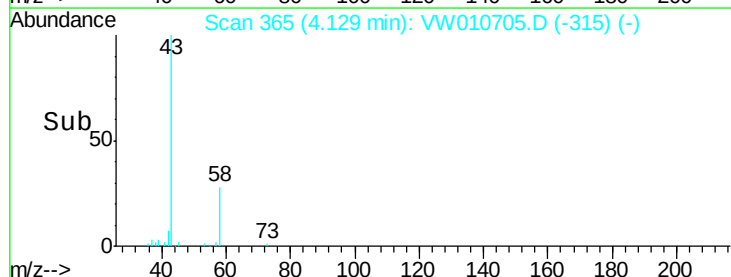
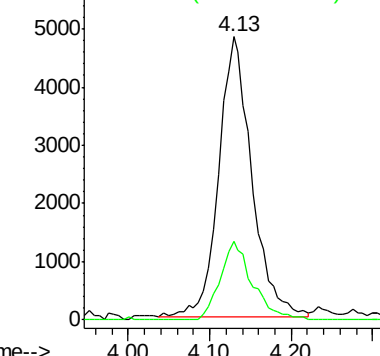
43 100

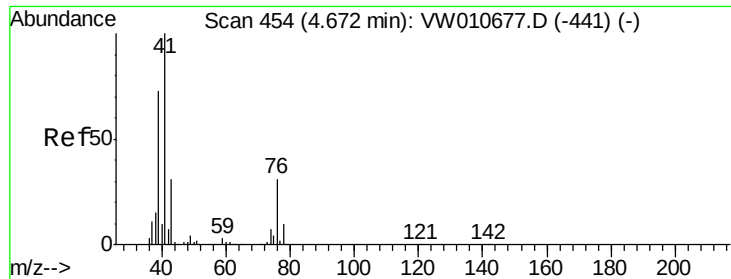
58 27.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

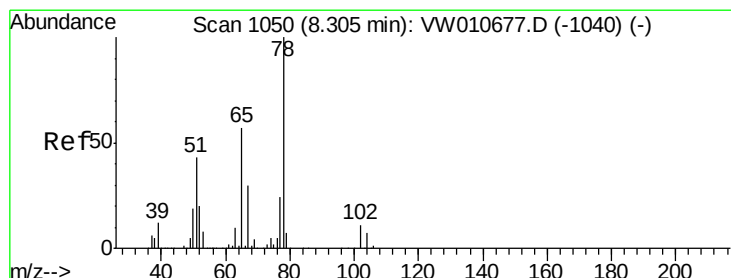
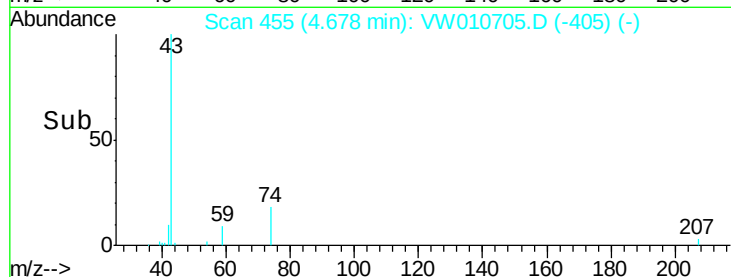
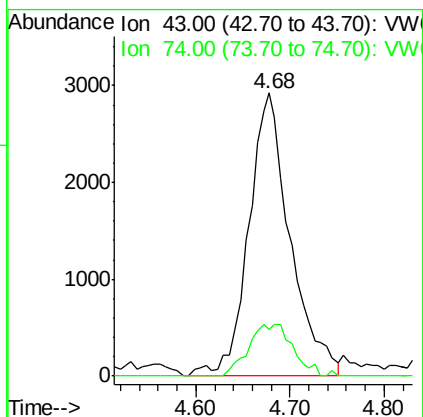
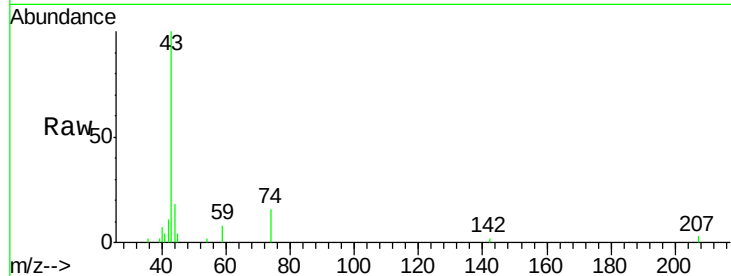




#18
Methvl Acetate
Concen: 6.308 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010705.D
Acq: 06 Jun 2019 13:04

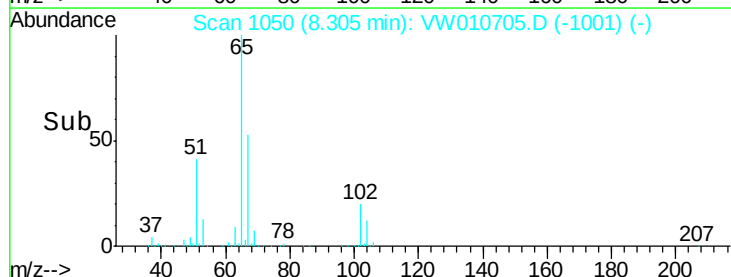
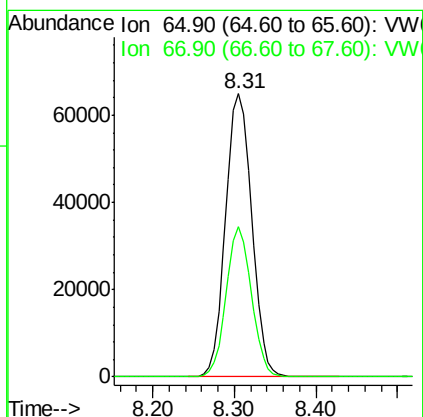
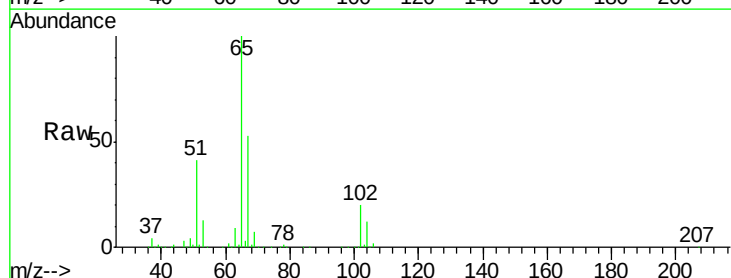
Instrument :
MSVOA_W
ClientSampleId :
TT-007-IDWSO-20190605

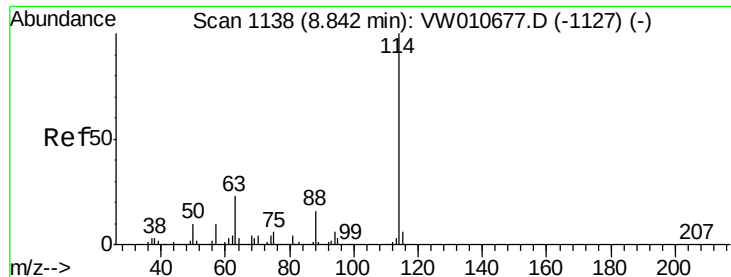
Tot Ion: 43 Resp: 9004
Ion Ratio Lower Upper
43 100
74 19.6 16.7 25.1



#33
1,2-Dichloroethane-d4
Concen: 58.278 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010705.D
Acq: 06 Jun 2019 13:04

Tgt Ion: 65 Resp: 144213
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.6

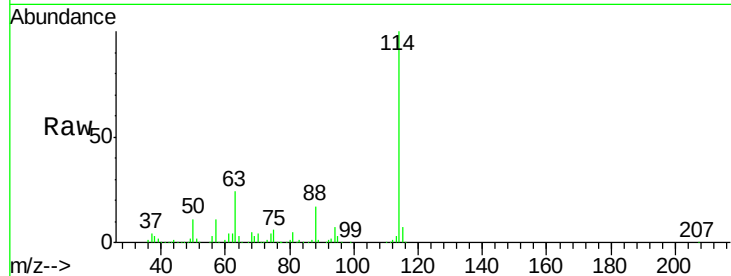




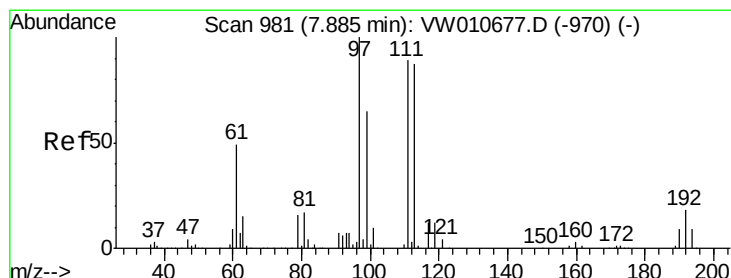
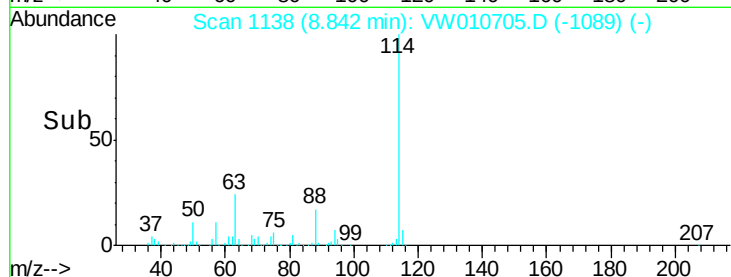
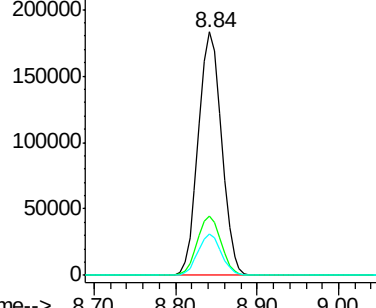
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010705.D
Acq: 06 Jun 2019 13:04

Instrument :
MSVOA_W
ClientSampleId :
TT-007-IDW/ISO-20190605

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.4
88	17.1	0.0	32.2

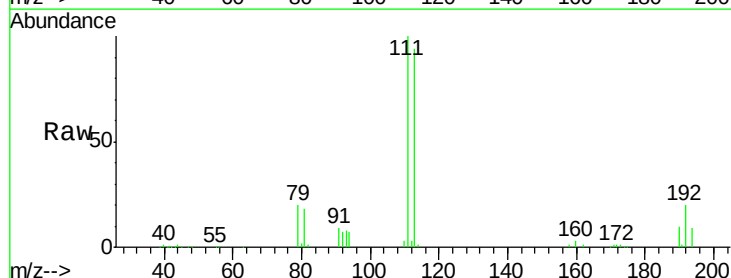


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

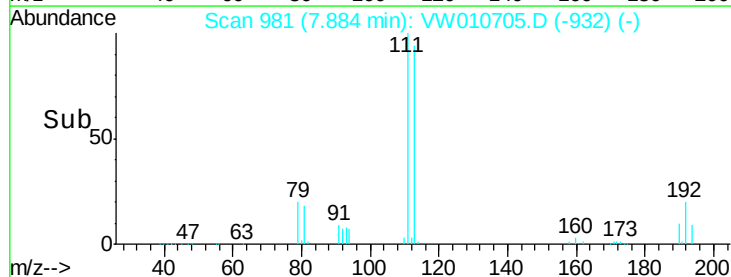
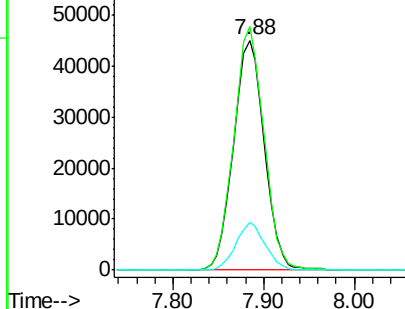


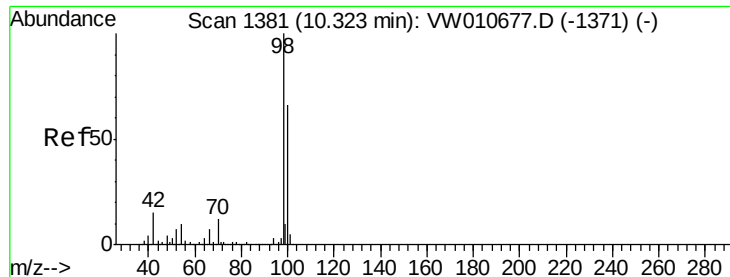
#35
Dibromofluoromethane
Concen: 54.174 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010705.D
Acq: 06 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	19.8	16.4	24.6



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: 54.700 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010705.D

Acq: 06 Jun 2019 13:04

Instrument :

MSVOA_W

ClientSampleId :

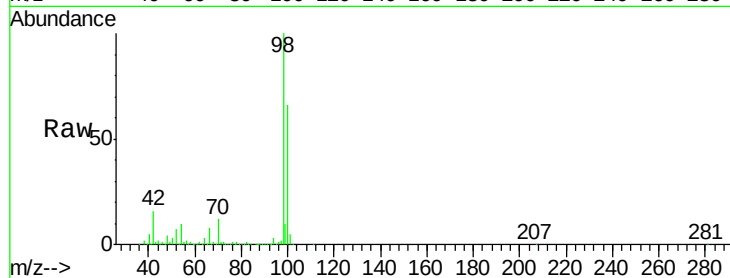
TT-007-IDWSO-20190605

Tot Ion: 98 Resp: 470081

Ion Ratio Lower Upper

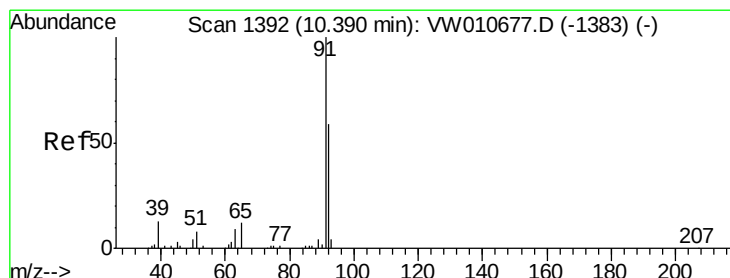
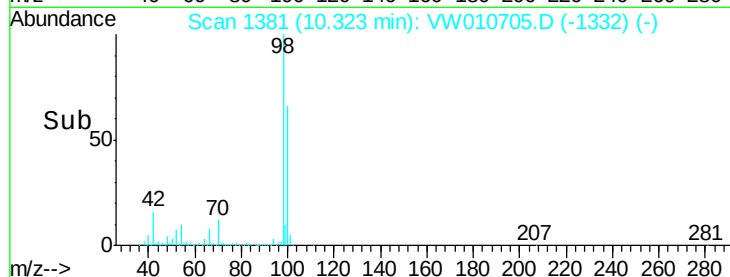
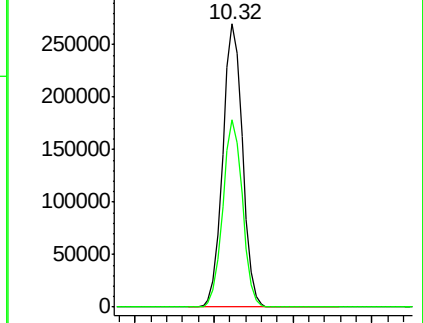
98 100

100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 3.825 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010705.D

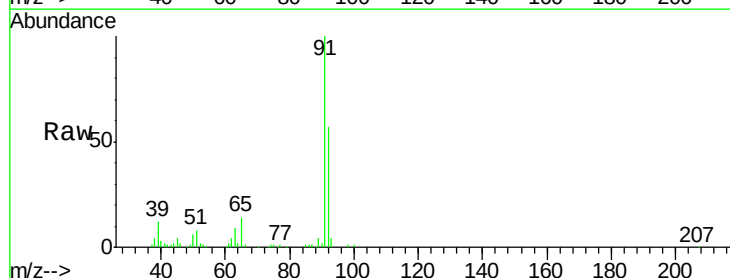
Acq: 06 Jun 2019 13:04

Tgt Ion: 92 Resp: 23729

Ion Ratio Lower Upper

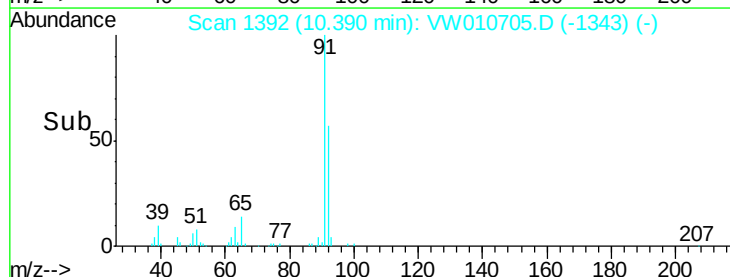
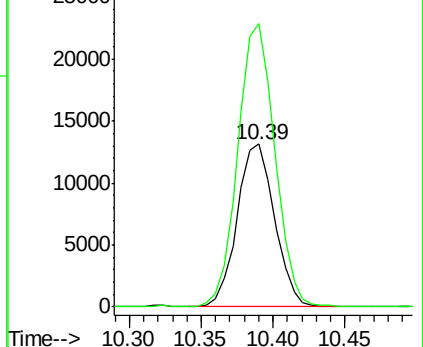
92 100

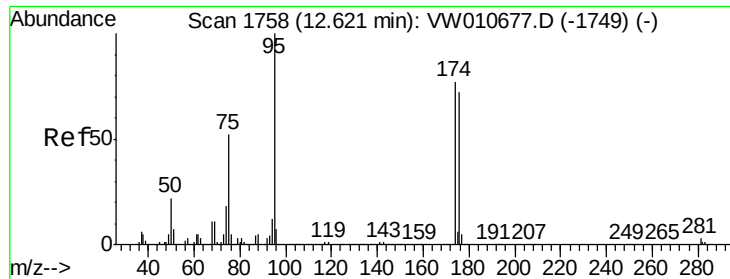
91 171.9 134.9 202.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 51.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010705.D

Acq: 06 Jun 2019 13:04

Instrument :

MSVOA_W

ClientSampleId :

TT-007-IDWSO-20190605

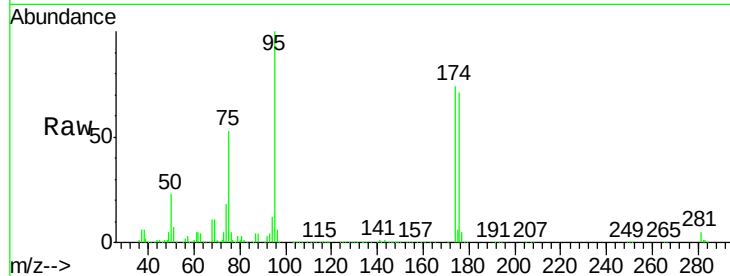
Tot Ion: 95 Resp: 160040

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

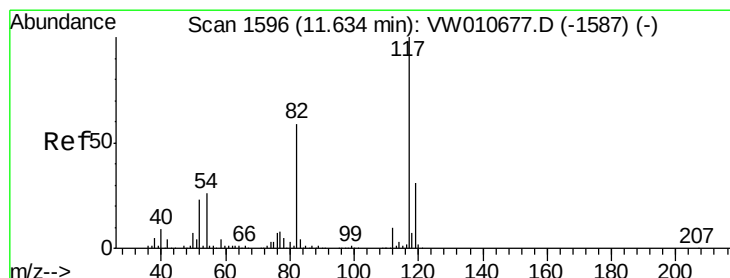
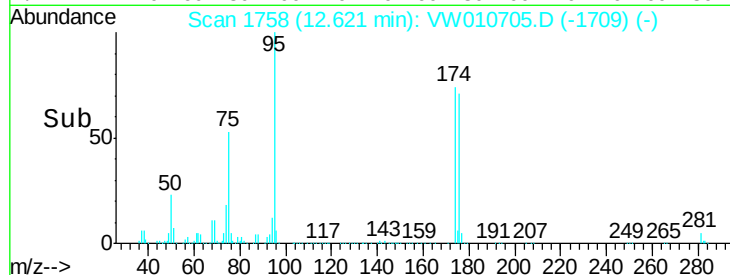
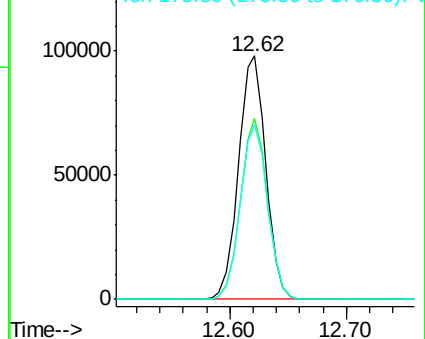
176 71.6 0.0 144.8



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: VW010705.D

Acq: 06 Jun 2019 13:04

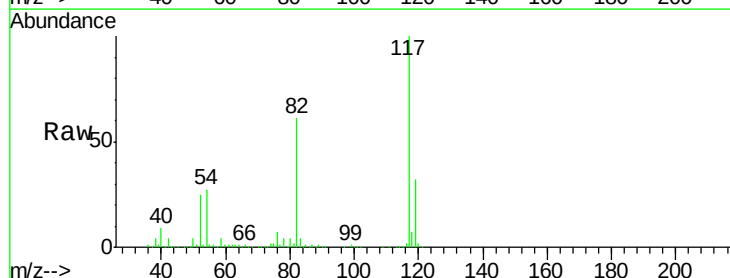
Tgt Ion: 117 Resp: 308247

Ion Ratio Lower Upper

117 100

82 61.0 47.0 70.4

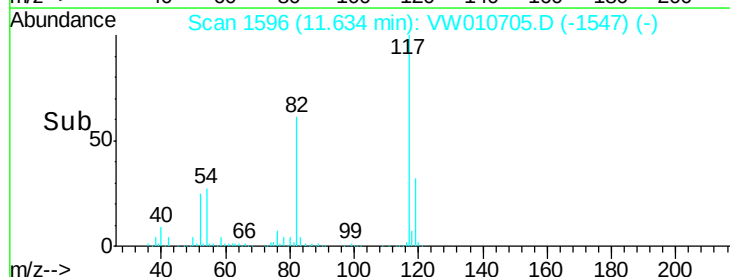
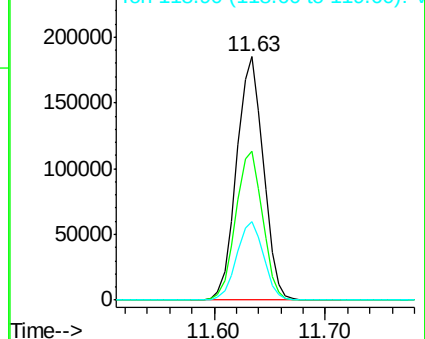
119 32.3 25.1 37.7

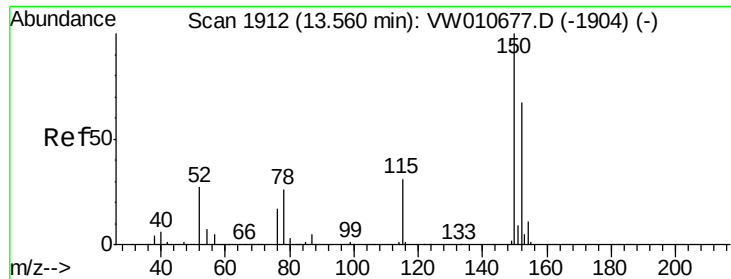


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010705.D

Acq: 06 Jun 2019 13:04

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MSVOA_W

ClientSampleId :

TT-007-IDWSO-20190605

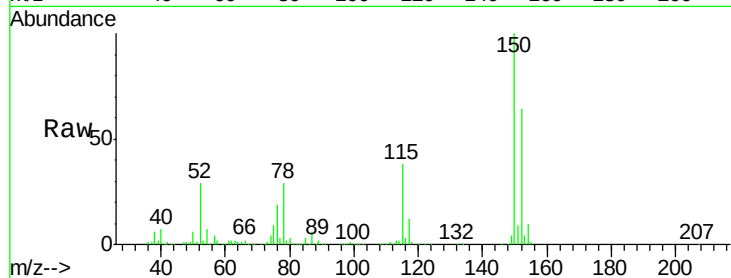
Tot Ion:152 Resp: 132262

Ion Ratio Lower Upper

152 100

115 60.1 29.8 89.3

150 155.4 0.0 345.0



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

