

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005329.D
 Acq On : 12 Sep 2018 16:49
 Operator : SY/AP
 Sample : J4856-01
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 STONE-PILE

Quant Time: Sep 12 19:00:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

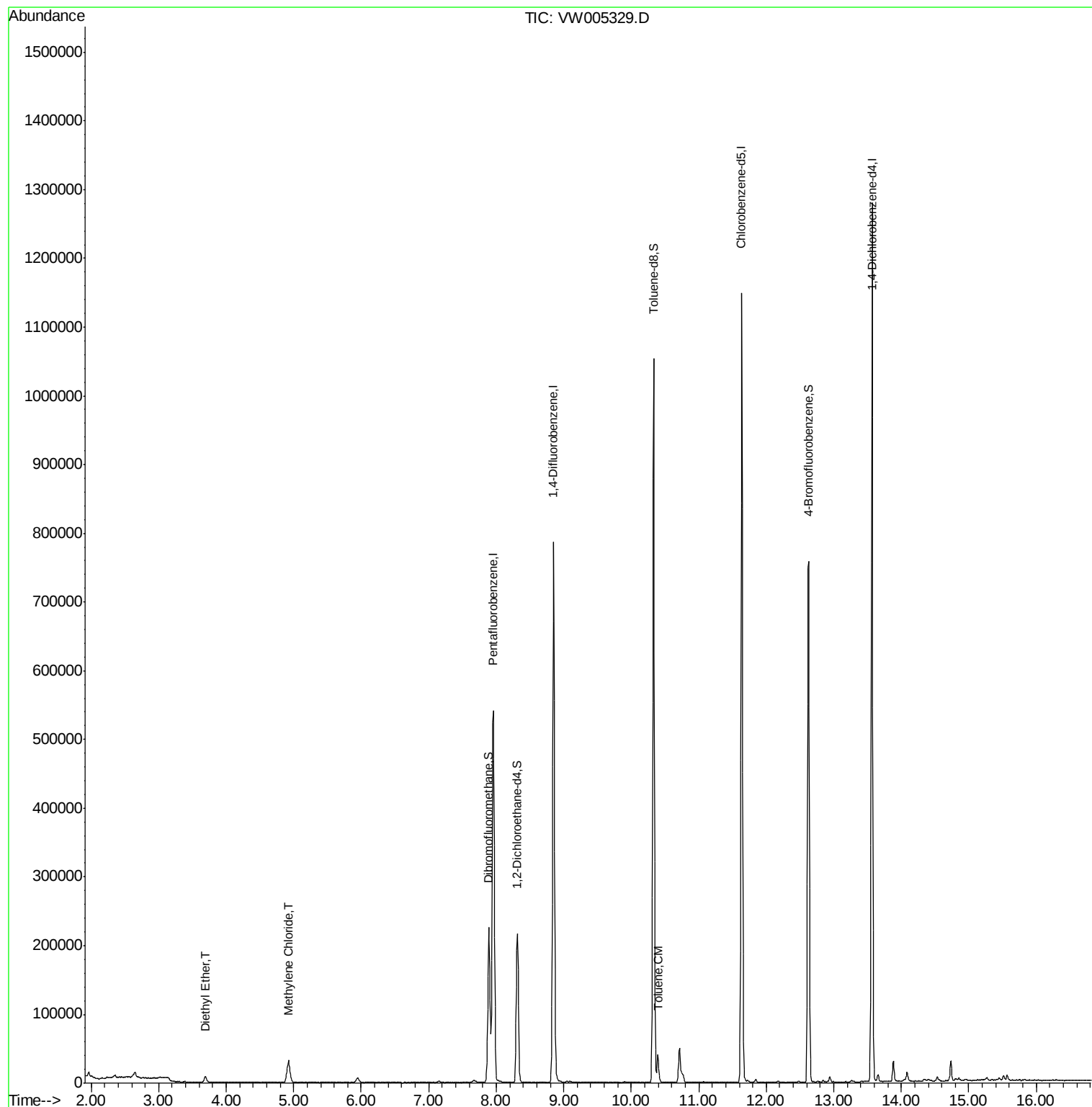
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	448679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	711465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	701434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	168804	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.89	113	160514	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
50) Toluene-d8	10.33	98	722161	38.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.70%	
62) 4-Bromofluorobenzene	12.62	95	256441	37.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.46%	
Target Compounds						
8) Diethyl Ether	3.69	74	4771	2.49	ug/l	91
20) Methylene Chloride	4.92	84	26735	2.67	ug/l	96
52) Toluene	10.40	92	16653	1.19	ug/l	99

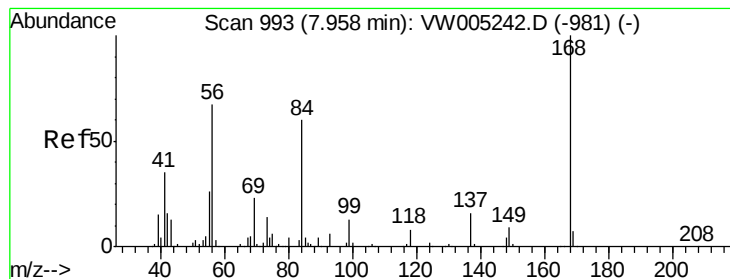
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091218\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005329.D

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Instrument :

MSVOA_W

ClientSampleId :

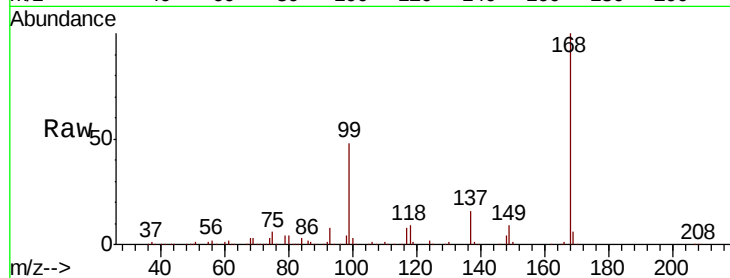
STONE-PILE

Tot Ion:168 Resp: 448679

Ion Ratio Lower Upper

168 100

99 48.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

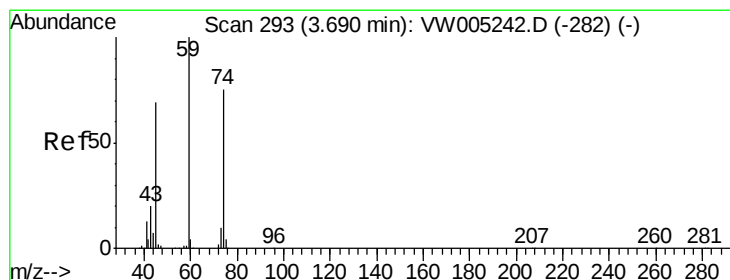
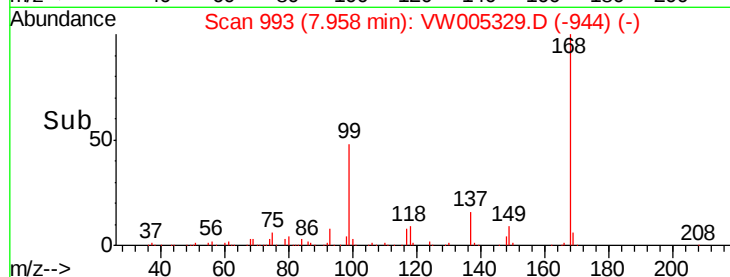
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.49 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW005329.D

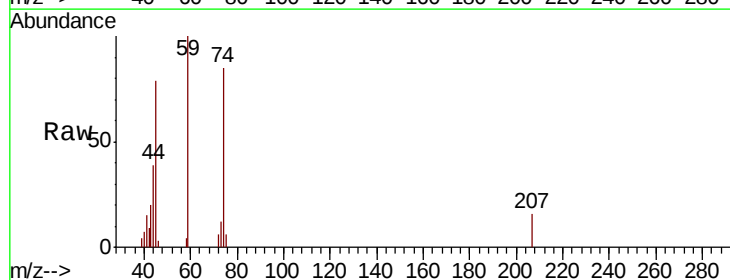
Acq: 12 Sep 2018 16:49

Tgt Ion: 74 Resp: 4771

Ion Ratio Lower Upper

74 100

45 98.4 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

2500

2000

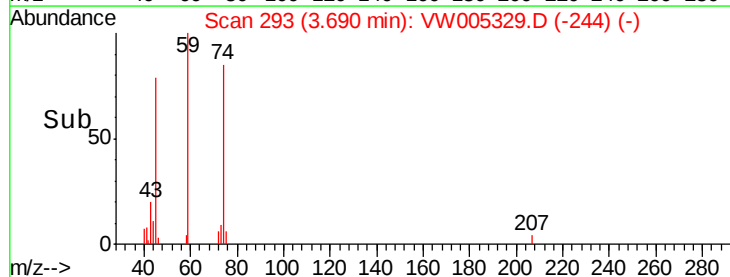
1500

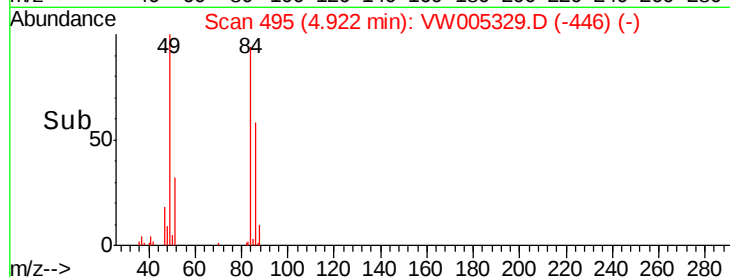
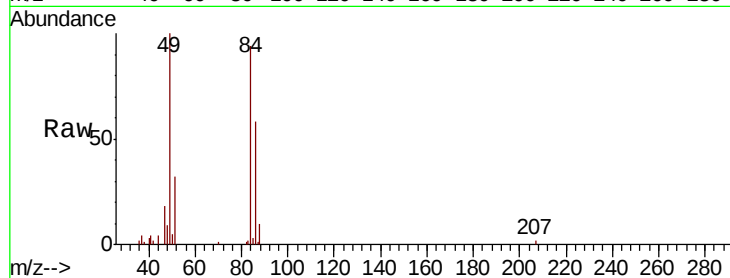
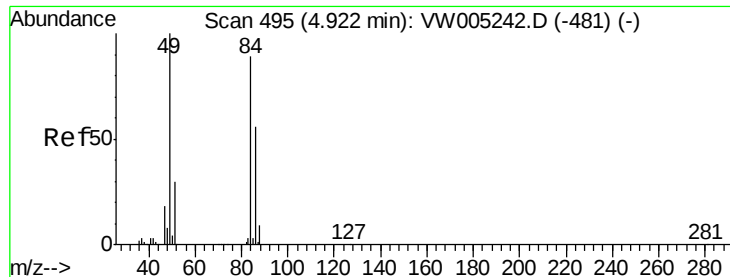
1000

500

0

Time--> 3.60 3.65 3.70 3.75

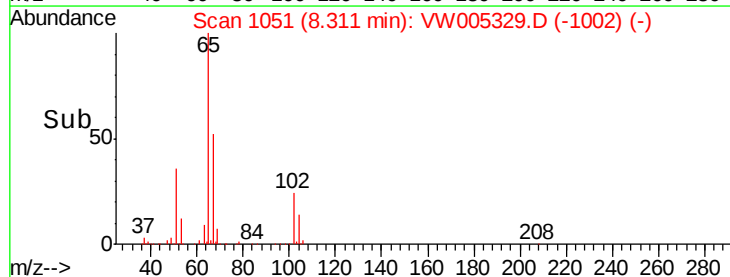
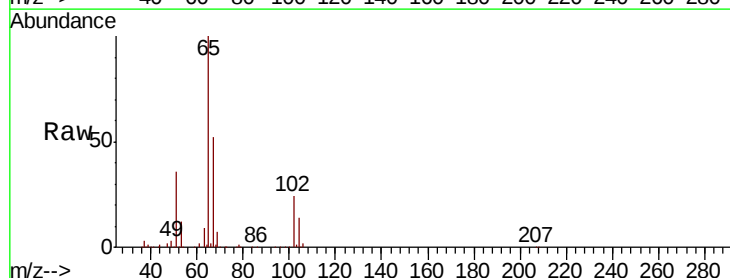
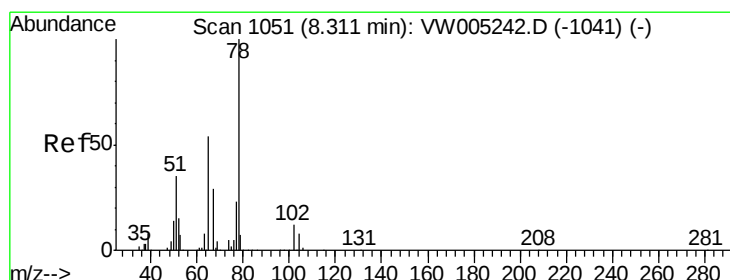
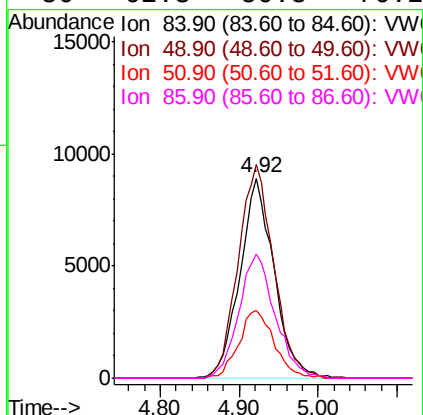




#20
Methvlene Chloride
Concen: 2.67 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005329.D
Acq: 12 Sep 2018 16:49

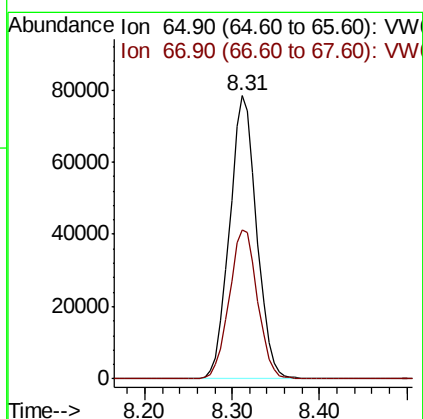
Instrument :
MSVOA_W
ClientSampleId :
STONE-PILE

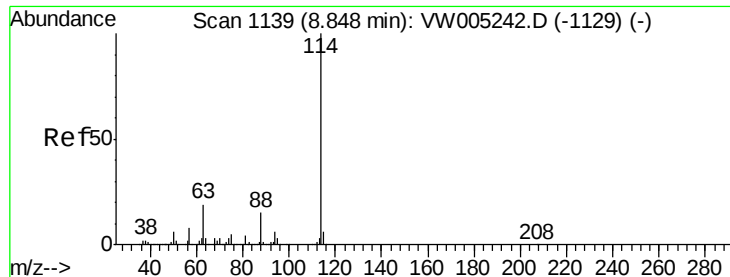
Tot Ion:	84	Resp:	26735
Ion	Ratio	Lower	Upper
84	100		
49	106.8	90.3	135.5
51	34.1	26.9	40.3
86	62.3	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 50.44 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005329.D
Acq: 12 Sep 2018 16:49

Tgt Ion:	65	Resp:	168804
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	112.2

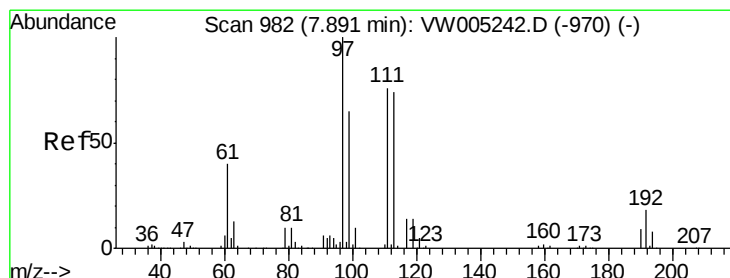
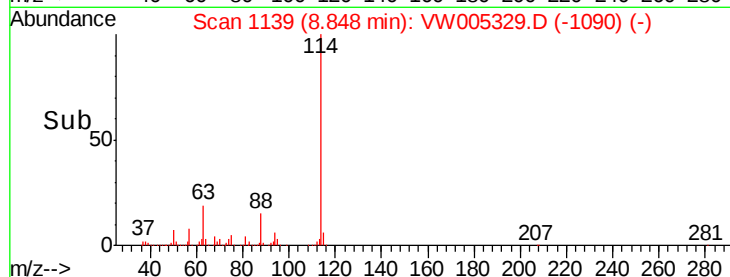
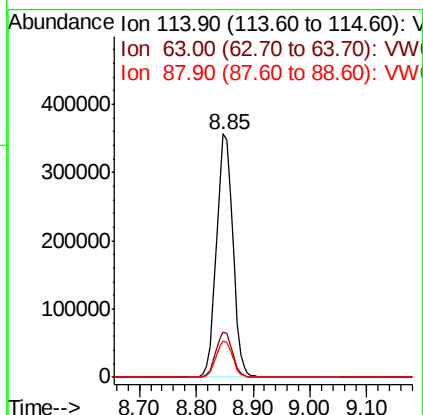
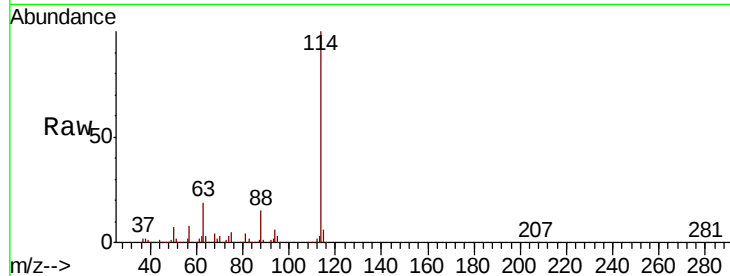




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW005329.D
Acq: 12 Sep 2018 16:49

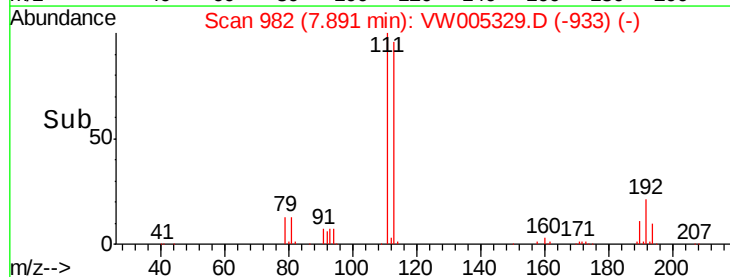
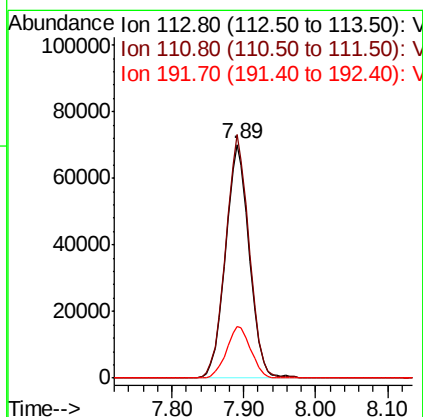
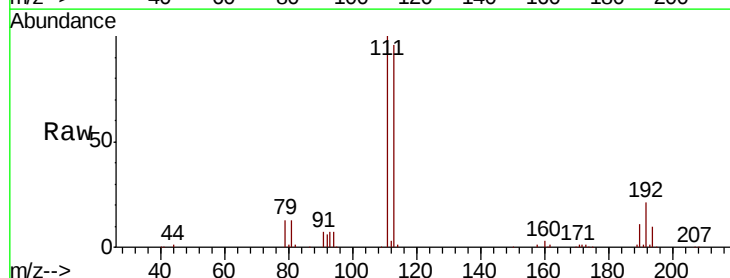
Instrument :
MSVOA_W
ClientSampleId :
STONE-PILE

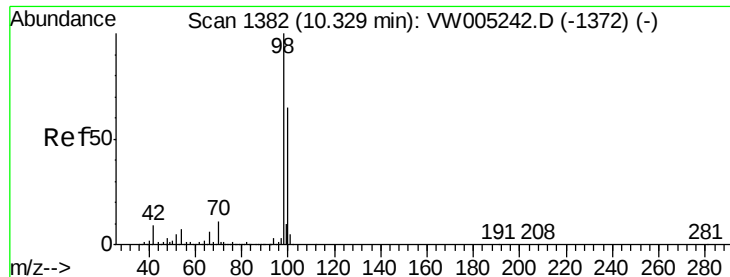
Tot Ion:114 Resp: 711465
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.0
88 15.1 0.0 30.4



#35
Dibromofluoromethane
Concen: 43.07 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW005329.D
Acq: 12 Sep 2018 16:49

Tgt Ion:113 Resp: 160514
Ion Ratio Lower Upper
113 100
111 102.8 80.6 121.0
192 22.7 18.3 27.5





#50

Toluene-d8

Concen: 38.35 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005329.D

Acq: 12 Sep 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

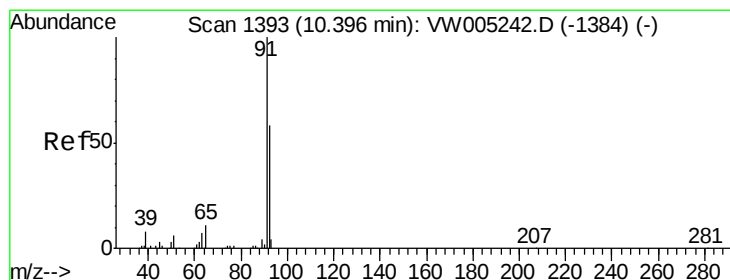
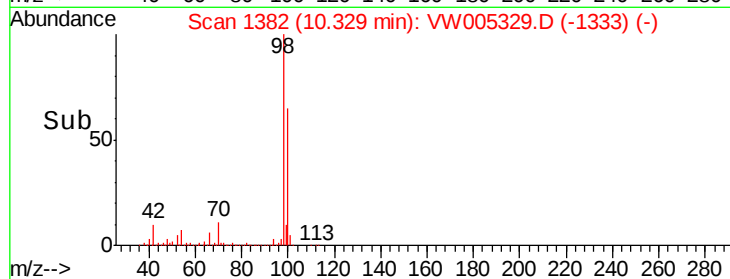
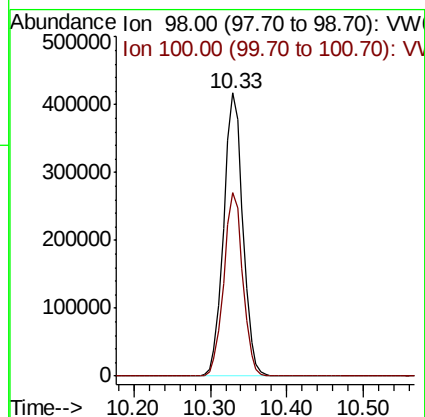
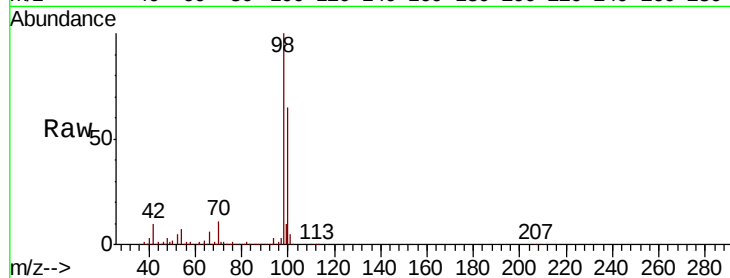
STONE-PILE

Tot Ion: 98 Resp: 722161

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#52

Toluene

Concen: 1.19 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005329.D

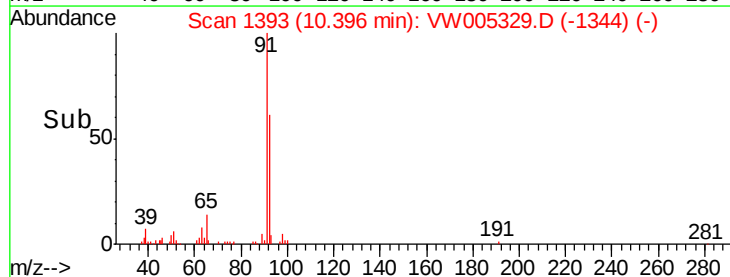
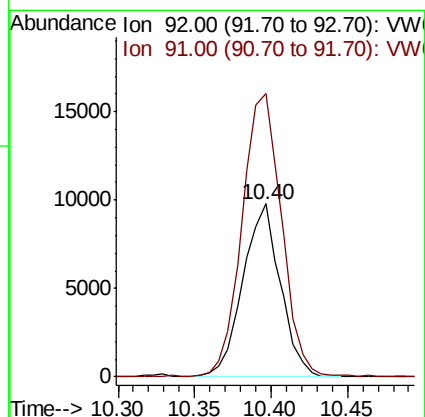
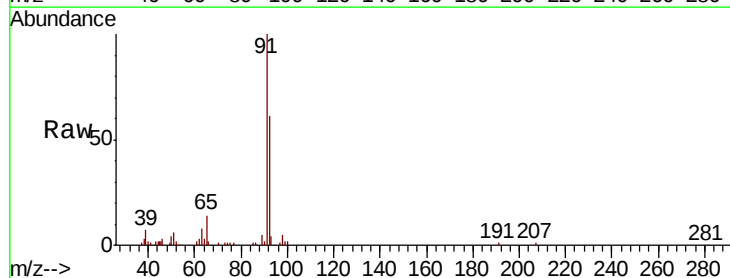
Acq: 12 Sep 2018 16:49

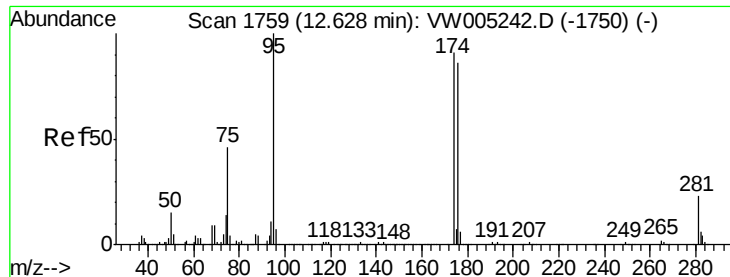
Tgt Ion: 92 Resp: 16653

Ion Ratio Lower Upper

92 100

91 173.1 137.4 206.0





#62

4-Bromofluorobenzene

Concen: 37.23 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005329.D

Acq: 12 Sep 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

STONE-PILE

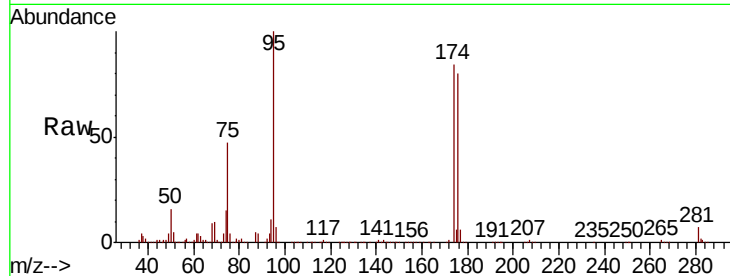
Tot Ion: 95 Resp: 256441

Ion Ratio Lower Upper

95 100

174 88.2 0.0 174.6

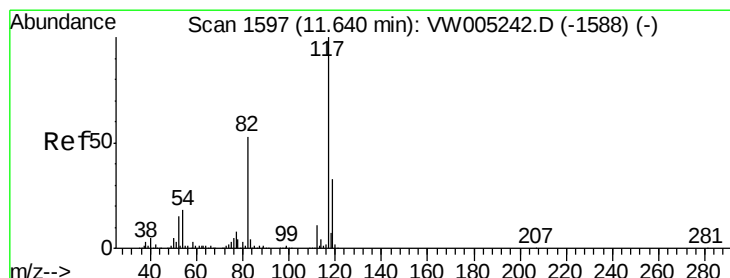
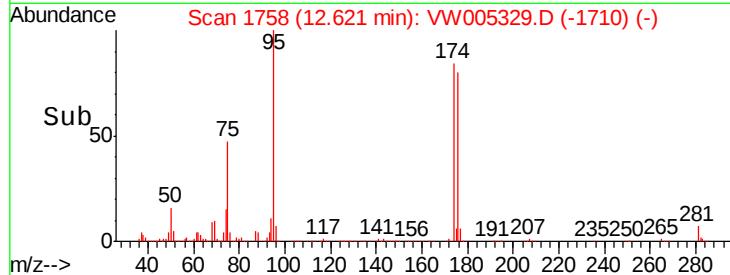
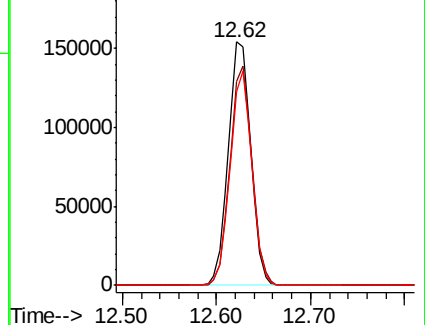
176 84.9 0.0 167.6



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005329.D

Acq: 12 Sep 2018 16:49

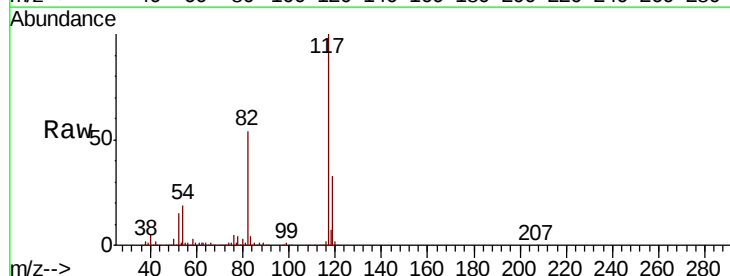
Tgt Ion: 117 Resp: 701434

Ion Ratio Lower Upper

117 100

82 54.1 42.6 63.8

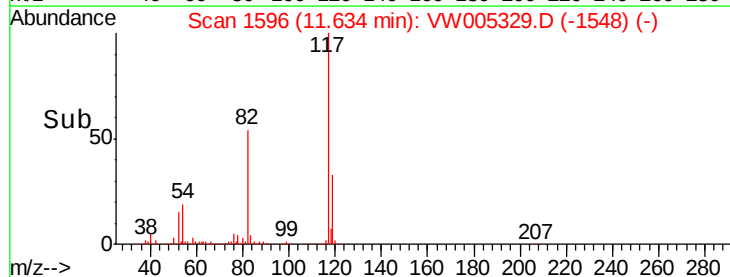
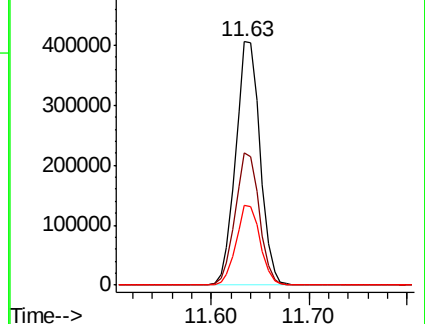
119 32.6 26.2 39.4

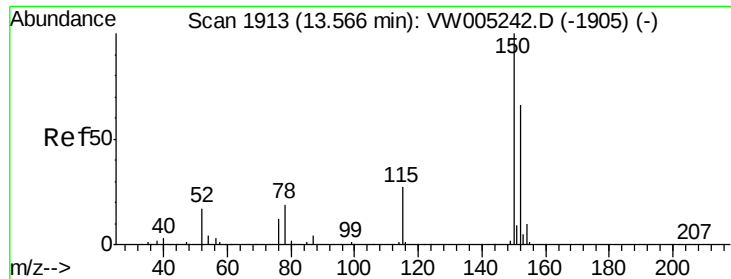


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005329.D

Acq: 12 Sep 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

STONE-PILE

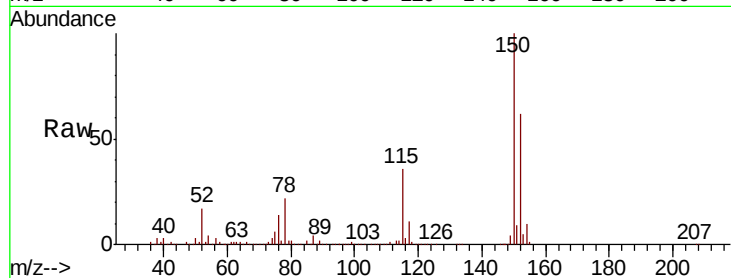
Tot Ion:152 Resp: 351623

Ion Ratio Lower Upper

152 100

115 57.1 27.5 82.4

150 157.7 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

