

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005326.D
 Acq On : 12 Sep 2018 15:32
 Operator : SY/AP
 Sample : J4724-17
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-SUT-4USTS-N

Quant Time: Sep 12 16:39:38 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	471929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	718678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	717944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	373585	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	170907	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
35) Dibromofluoromethane	7.89	113	160954	42.75	ug/l	0.00
Spiked Amount			Recovery	=	85.50%	
50) Toluene-d8	10.33	98	736421	38.71	ug/l	0.00
Spiked Amount			Recovery	=	77.42%	
62) 4-Bromofluorobenzene	12.62	95	266739	38.33	ug/l	0.00
Spiked Amount			Recovery	=	76.66%	

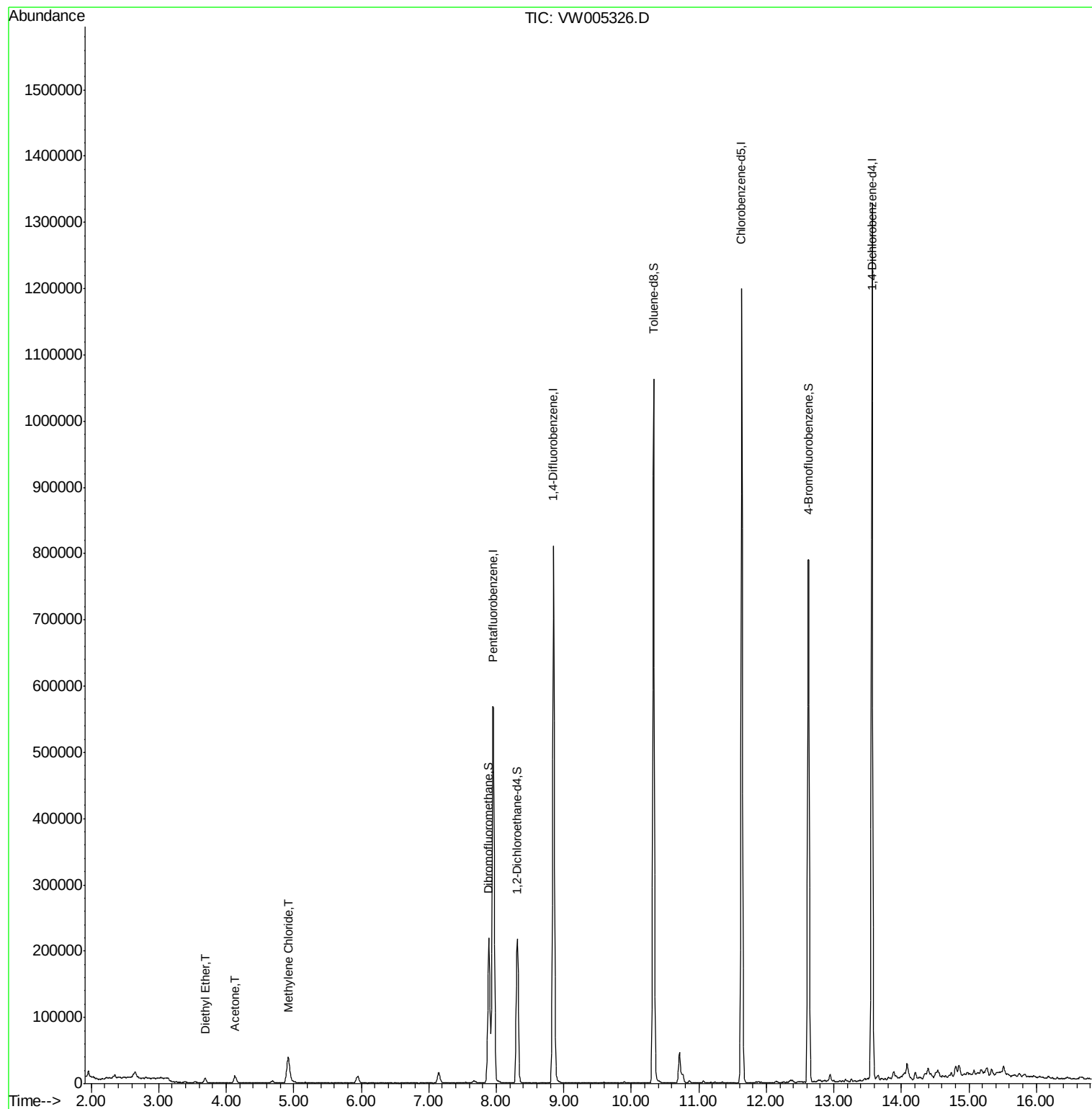
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	3869	1.92	ug/l	96
16) Acetone	4.13	43	19011	29.10	ug/l	93
20) Methylene Chloride	4.92	84	33373	3.83	ug/l	98

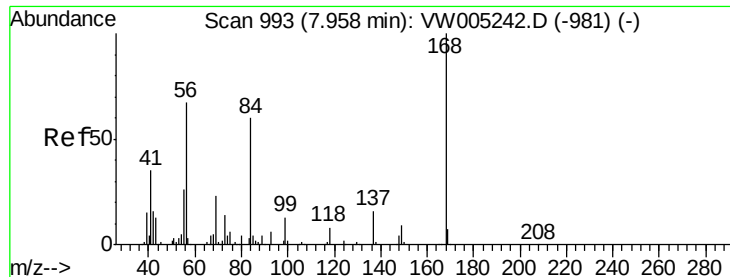
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

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ClientSampleId :

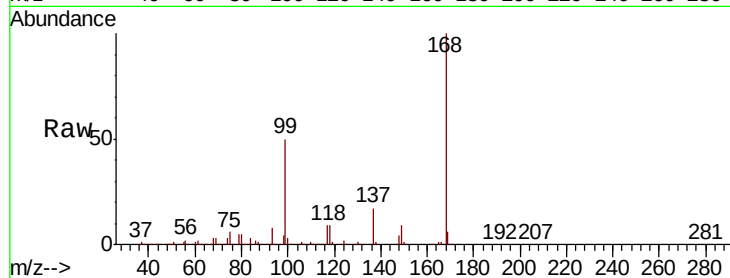
EP1-SUT-4USTS-N

Tot Ion:168 Resp: 471929

Ion Ratio Lower Upper

168 100

99 50.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

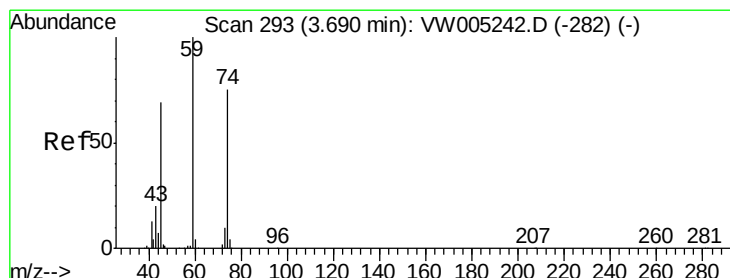
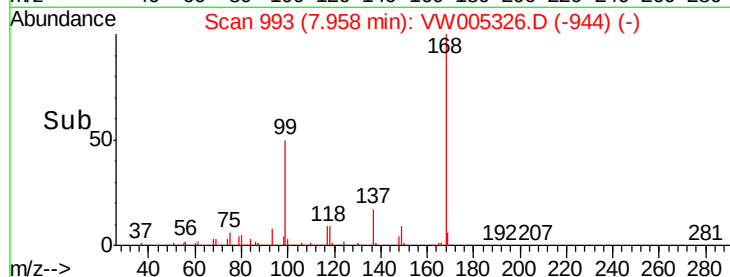
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.92 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW005326.D

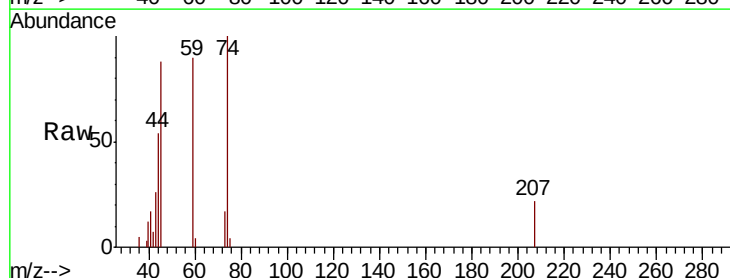
Acq: 12 Sep 2018 15:32

Tgt Ion: 74 Resp: 3869

Ion Ratio Lower Upper

74 100

45 93.8 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

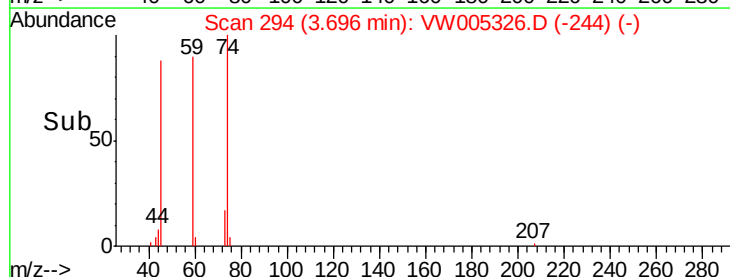
1500

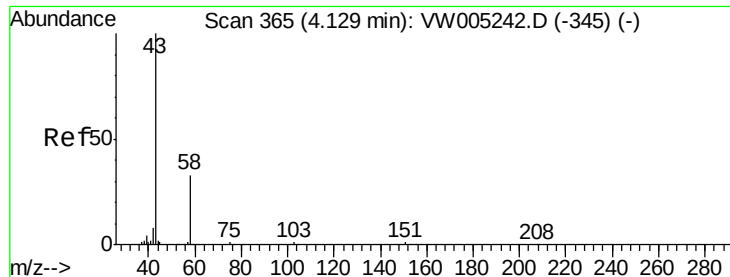
1000

500

0

Time-->





#16

Acetone

Concen: 29.10 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005326.D

Acq: 12 Sep 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

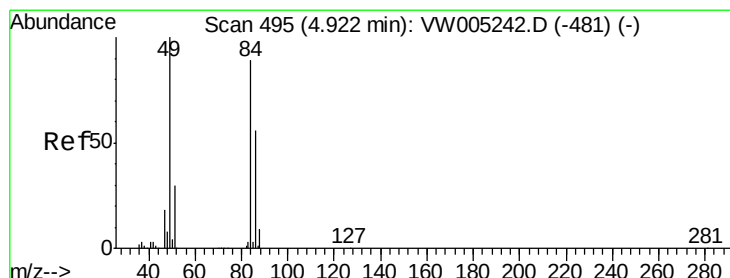
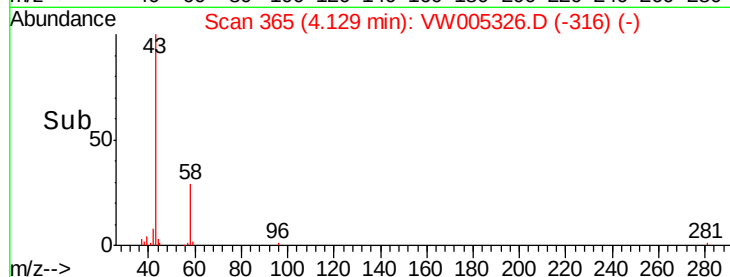
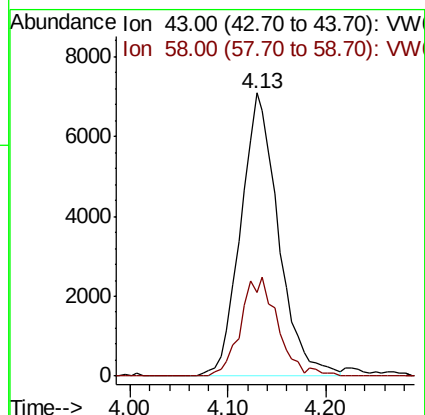
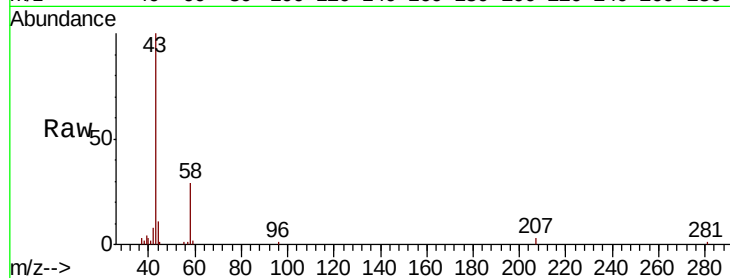
EP1-SUT-4USTS-N

Tot Ion: 43 Resp: 19011

Ion Ratio Lower Upper

43 100

58 29.4 26.7 40.1



#20

Methylene Chloride

Concen: 3.83 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005326.D

Acq: 12 Sep 2018 15:32

Tgt Ion: 84 Resp: 33373

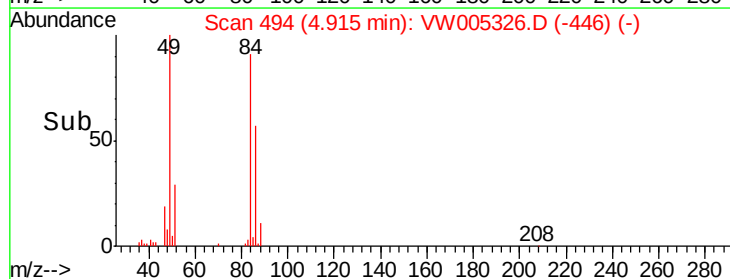
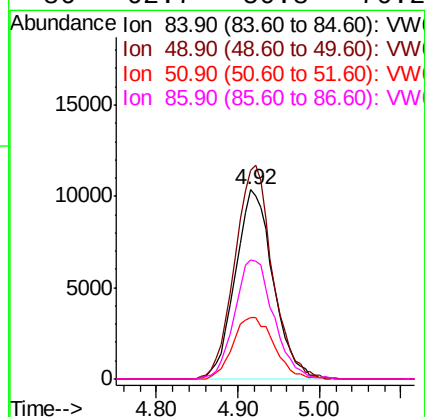
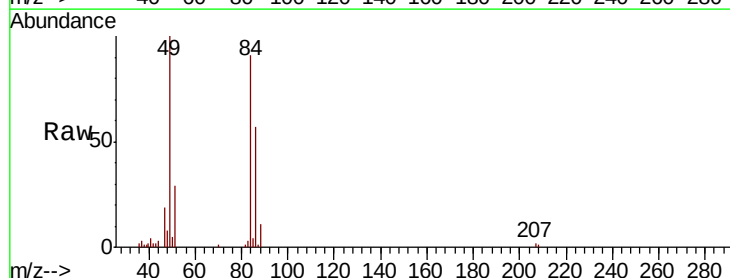
Ion Ratio Lower Upper

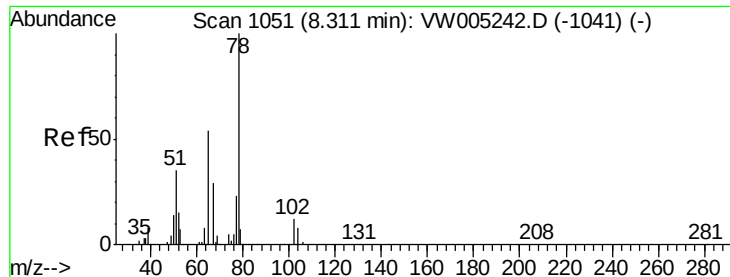
84 100

49 110.5 90.3 135.5

51 32.2 26.9 40.3

86 62.7 50.8 76.2

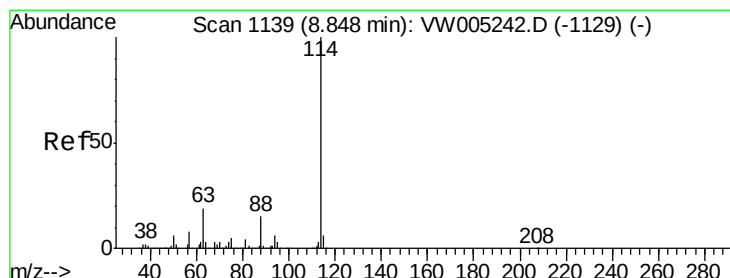
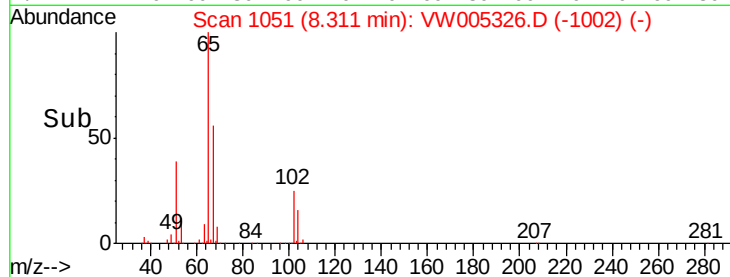
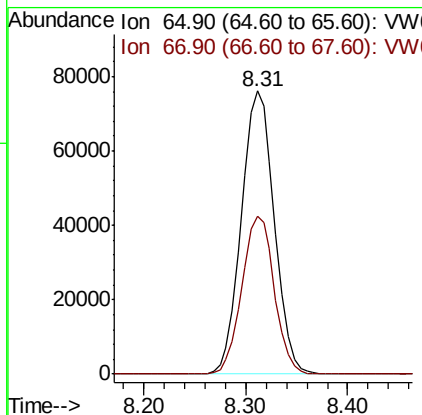
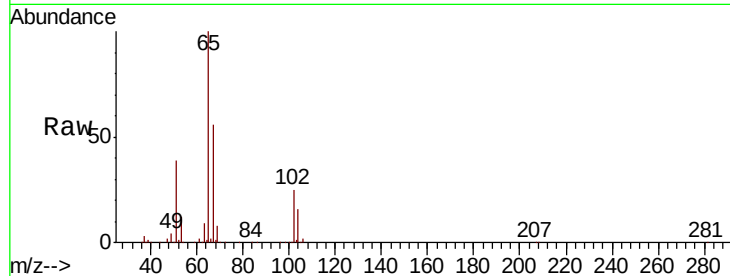




#33
 1,2-Dichloroethane-d4
 Concen: 48.55 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005326.D
 Acq: 12 Sep 2018 15:32

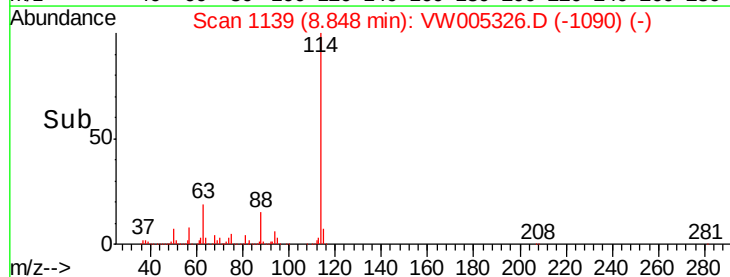
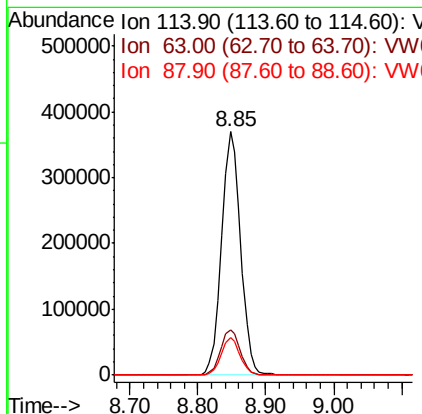
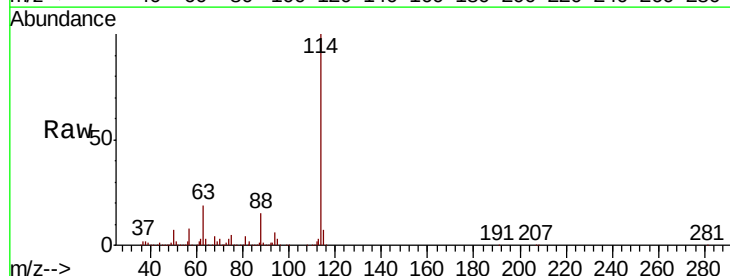
Instrument :
 MSVOA_W
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 EP1-SUT-4USTS-N

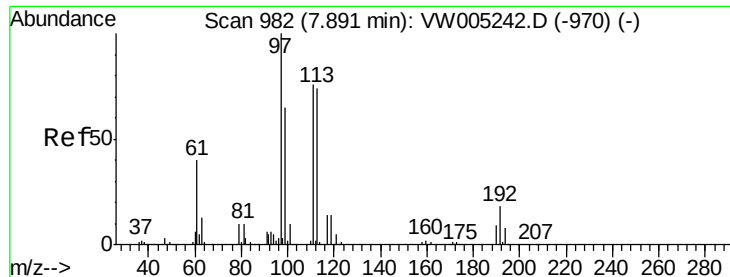
Tot Ion: 65 Resp: 170907
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005326.D
 Acq: 12 Sep 2018 15:32

Tgt Ion: 114 Resp: 718678
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 42.75 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005326.D

Acq: 12 Sep 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
EP1-SUT-4USTS-N

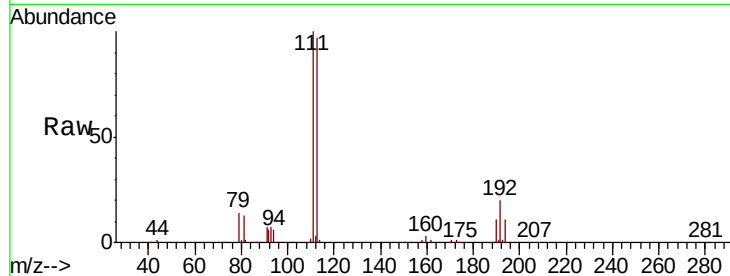
Tot Ion:113 Resp: 160954

Ion Ratio Lower Upper

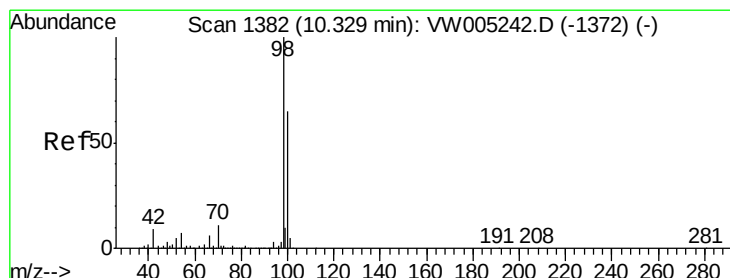
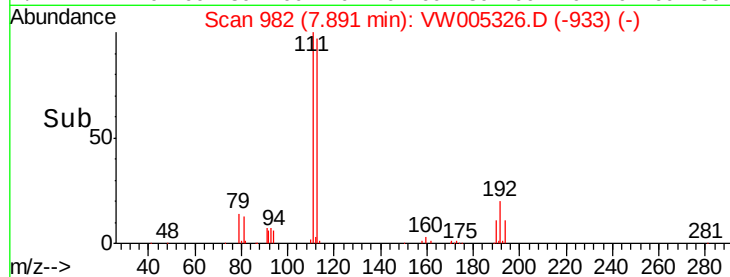
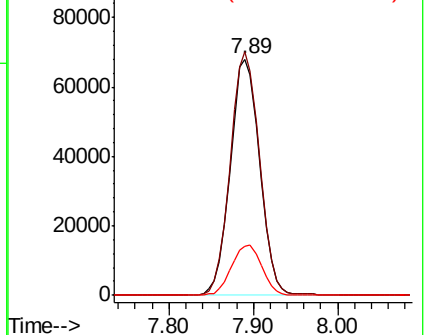
113 100

111 102.5 80.6 121.0

192 21.7 18.3 27.5



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: 38.71 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005326.D

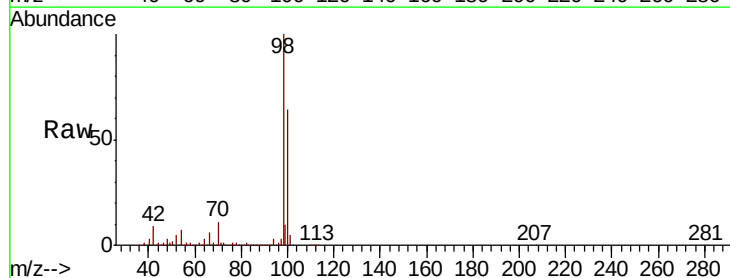
Acq: 12 Sep 2018 15:32

Tgt Ion: 98 Resp: 736421

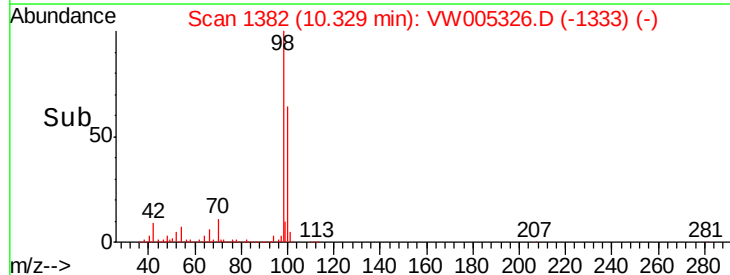
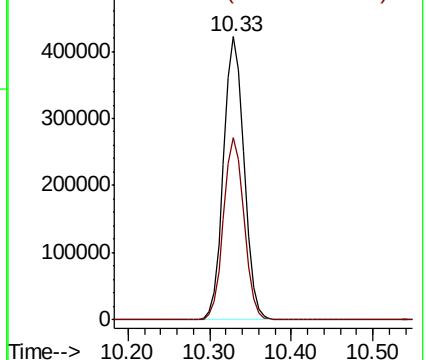
Ion Ratio Lower Upper

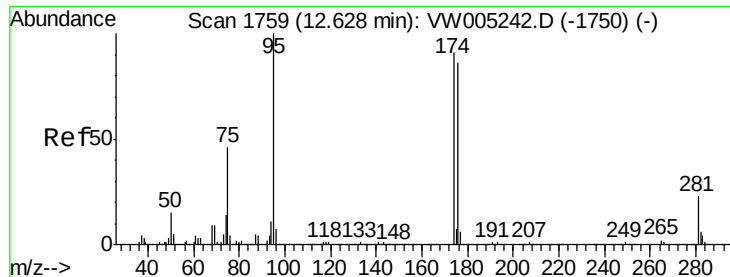
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

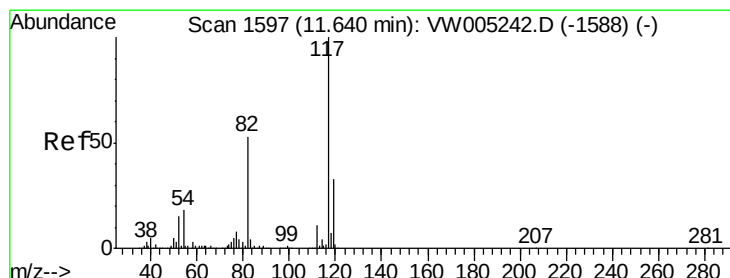
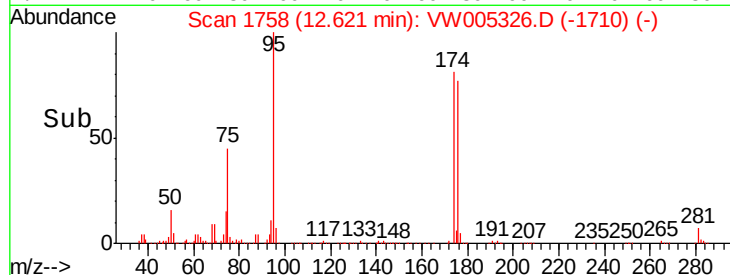
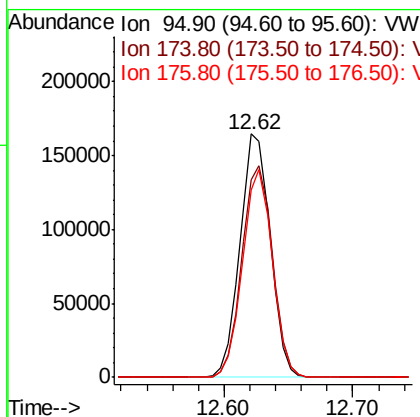
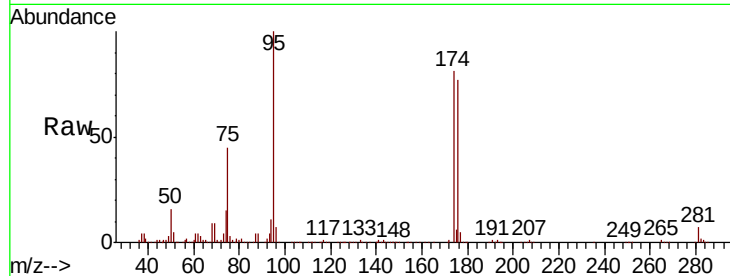




#62
4-Bromofluorobenzene
Concen: 38.33 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005326.D
Acq: 12 Sep 2018 15:32

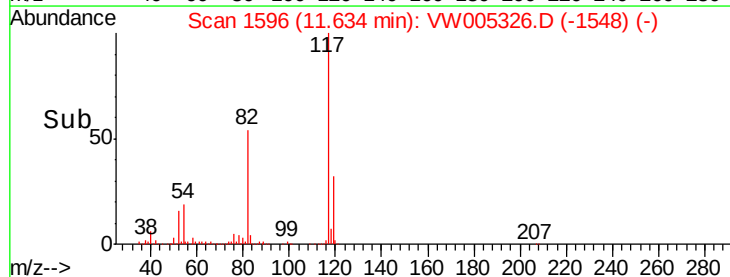
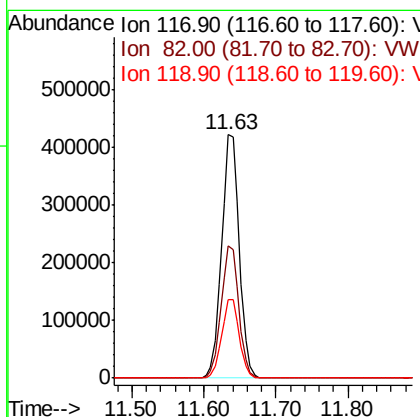
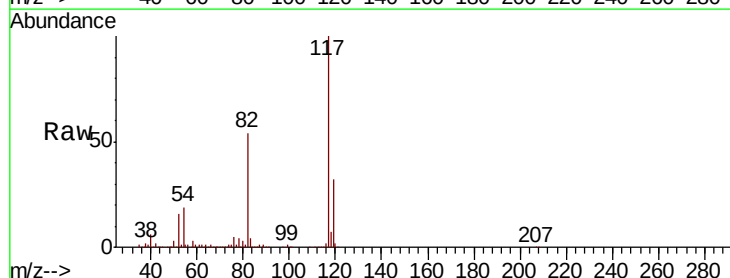
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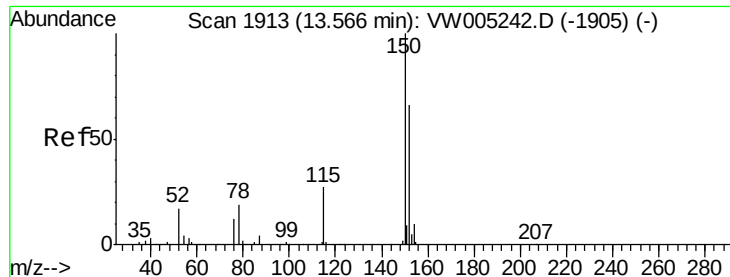
Tot Ion: 95 Resp: 266739
Ion Ratio Lower Upper
95 100
174 88.2 0.0 174.6
176 83.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005326.D
Acq: 12 Sep 2018 15:32

Tgt Ion: 117 Resp: 717944
Ion Ratio Lower Upper
117 100
82 54.3 42.6 63.8
119 32.3 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005326.D

Acq: 12 Sep 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

EP1-SUT-4USTS-N

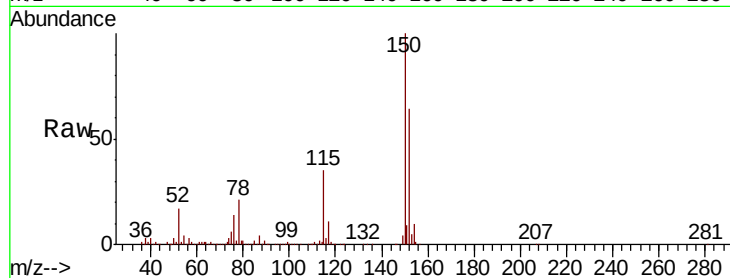
Tot Ion:152 Resp: 373585

Ion Ratio Lower Upper

152 100

115 55.6 27.5 82.4

150 156.9 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

