

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005506.D
 Acq On : 19 Sep 2018 04:56
 Operator : SY/AP
 Sample : J4967-01RE
 Misc : 4.71G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-01RE

Quant Time: Sep 19 07:08:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

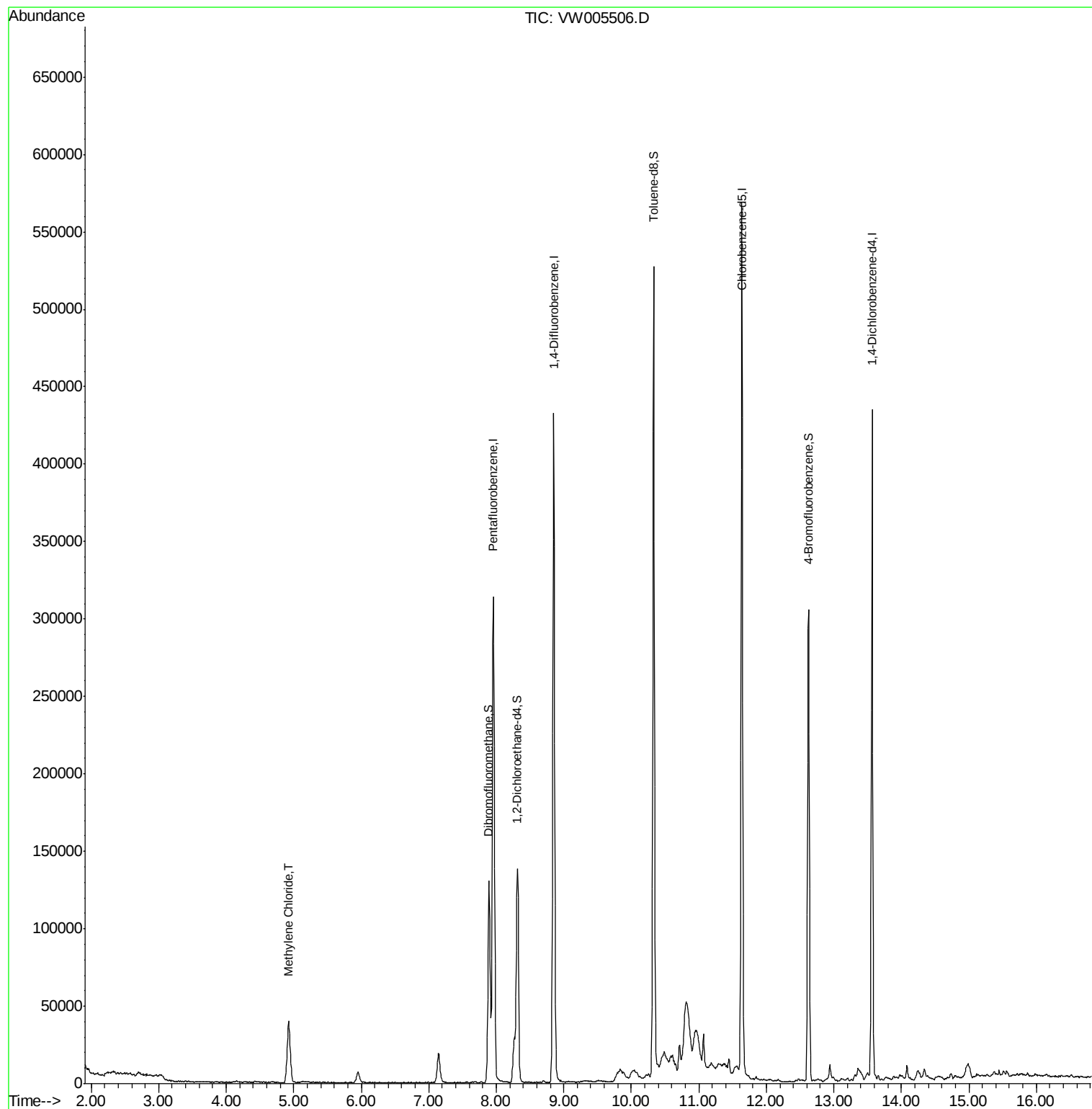
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	228917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115394	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	7.89	113	92630	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	10.33	98	339669	36.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.82%	
62) 4-Bromofluorobenzene	12.63	95	96084	28.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.94%	
Target Compounds						
20) Methylene Chloride	4.93	84	28419	7.13	ug/l	Qvalue 92

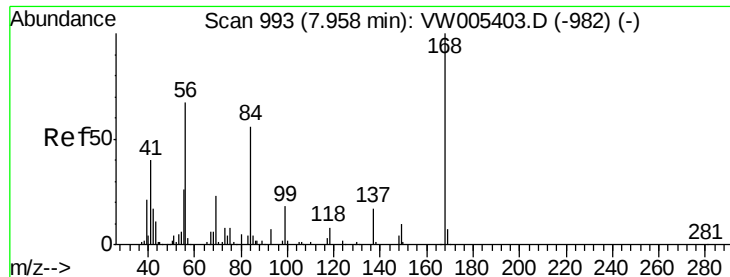
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005506.D

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MSVOA_W

ClientSampleId :

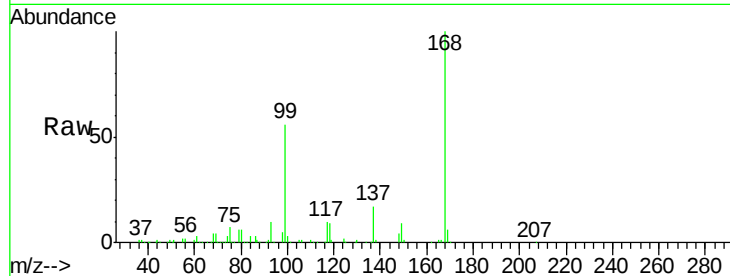
SUP-UST-091718-01RE

Tot Ion:168 Resp: 228917

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

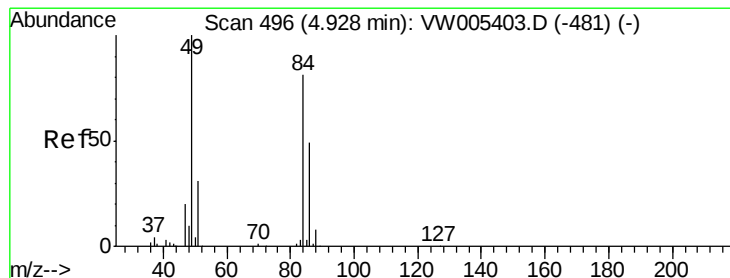
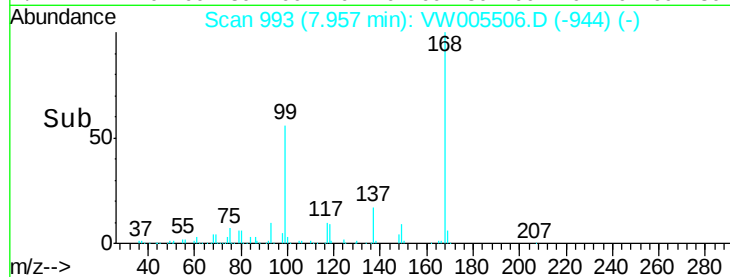
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 7.13 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005506.D

Acq: 19 Sep 2018 04:56

Tgt Ion: 84 Resp: 28419

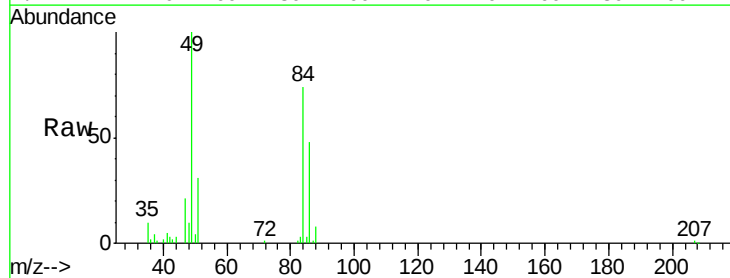
Ion Ratio Lower Upper

84 100

49 135.6 99.3 148.9

51 41.9 31.1 46.7

86 65.0 49.1 73.7



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

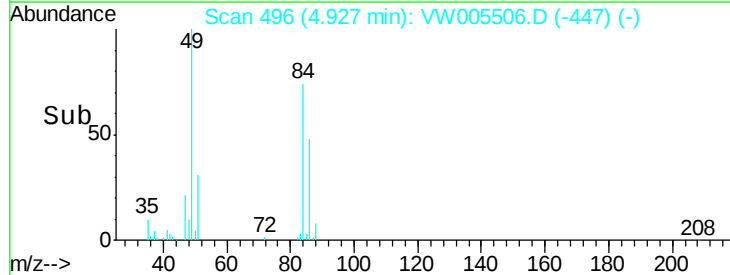
15000

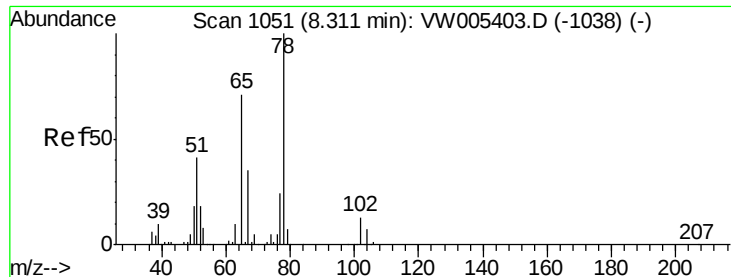
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.56 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005506.D

Acq: 19 Sep 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

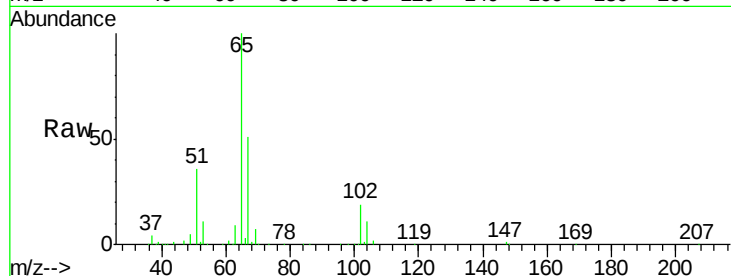
SUP-UST-091718-01RE

Tot Ion: 65 Resp: 115394

Ion Ratio Lower Upper

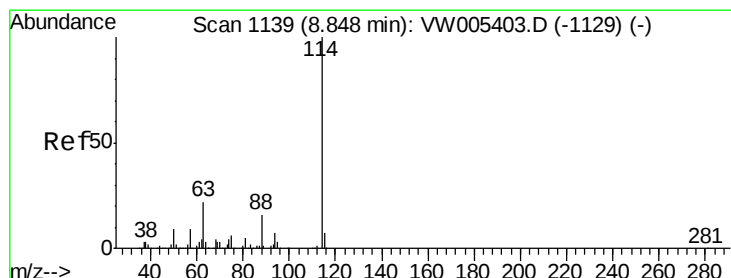
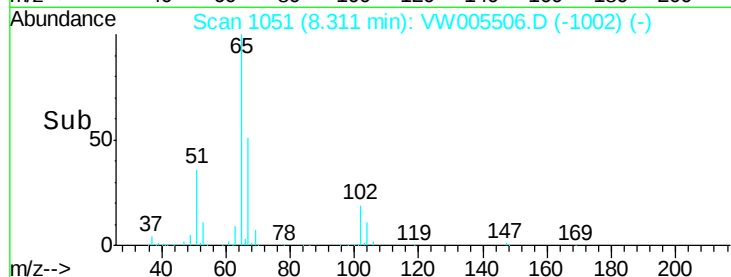
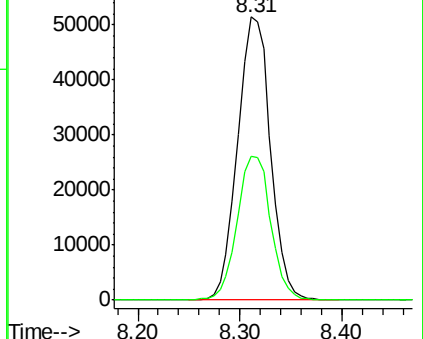
65 100

67 51.9 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005506.D

Acq: 19 Sep 2018 04:56

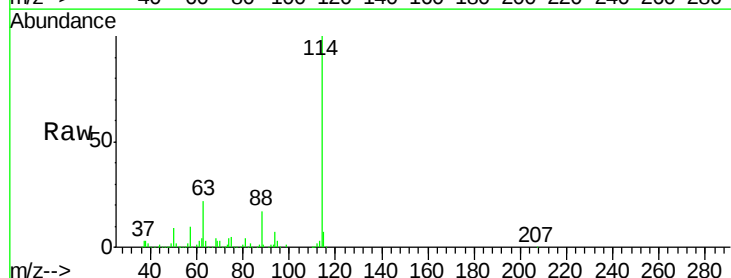
Tgt Ion: 114 Resp: 358412

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

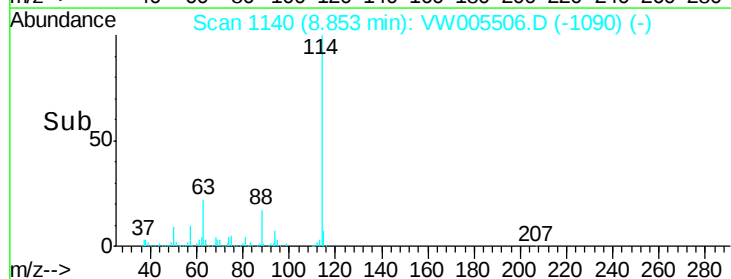
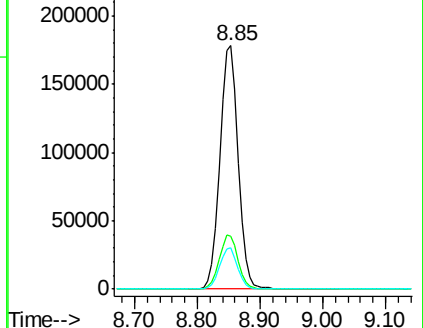
88 17.0 0.0 31.8

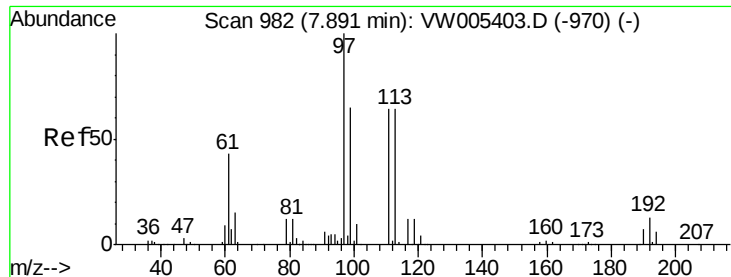


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

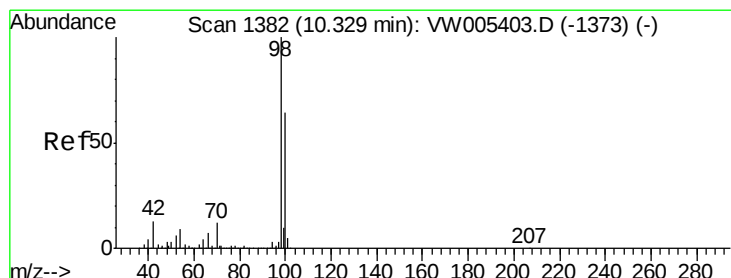
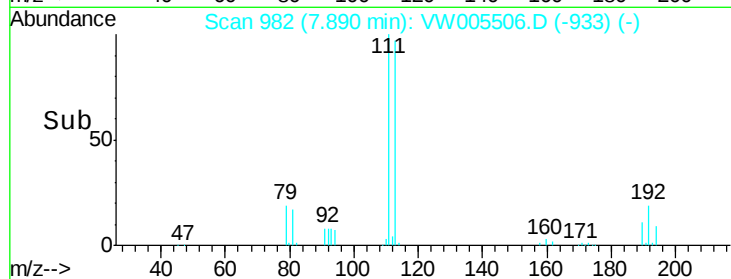
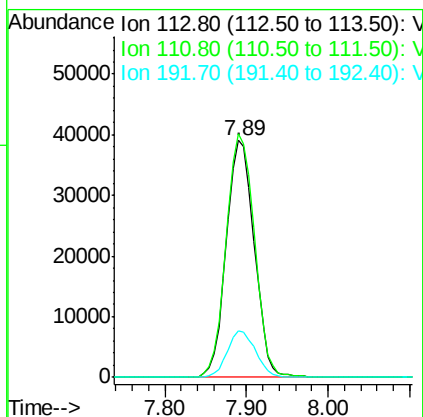
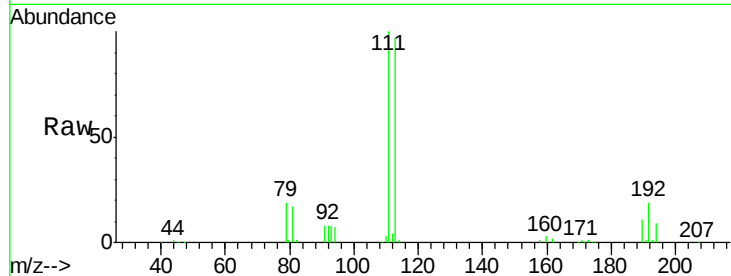




#35
 Dibromofluoromethane
 Concen: 46.09 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005506.D
 Acq: 19 Sep 2018 04:56

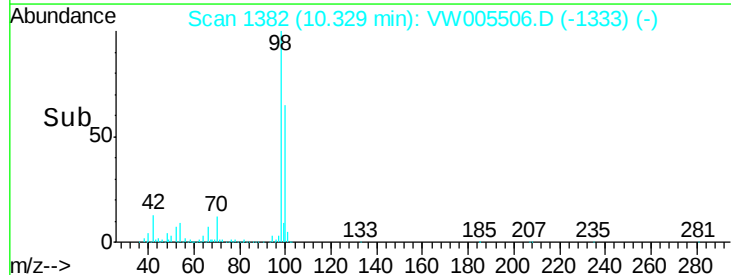
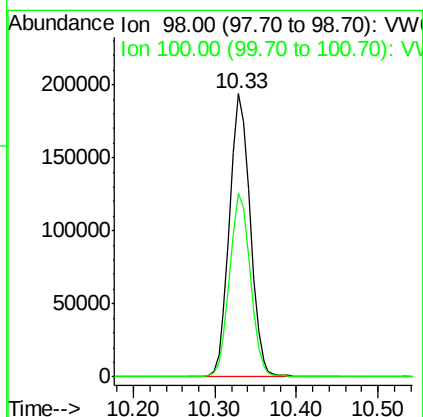
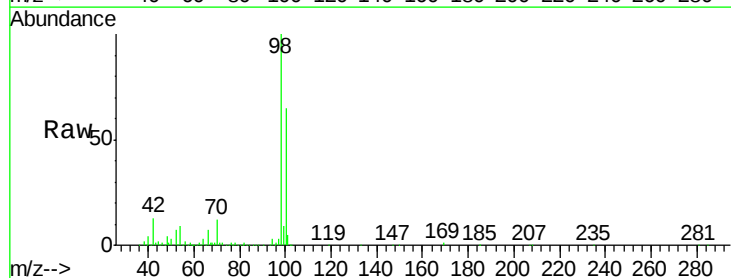
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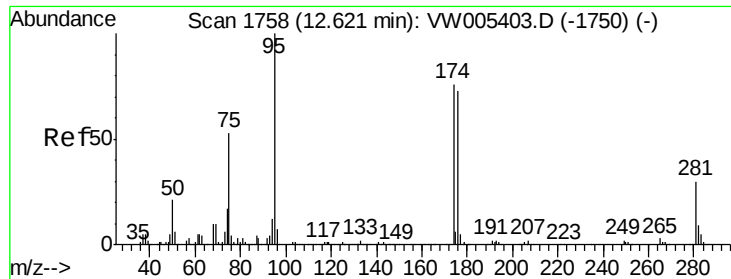
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.3	123.5
192	19.9	16.5	24.7



#50
 Toluene-d8
 Concen: 36.91 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005506.D
 Acq: 19 Sep 2018 04:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.0

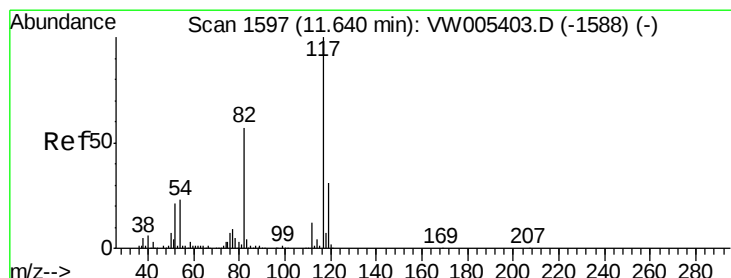
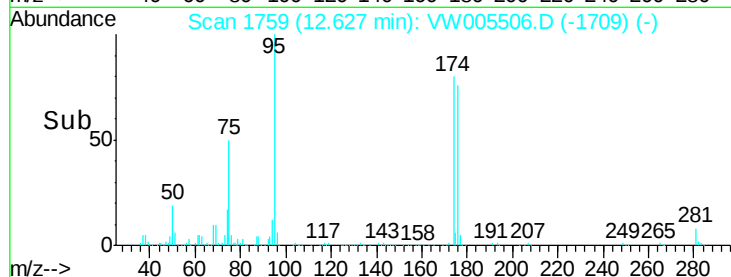
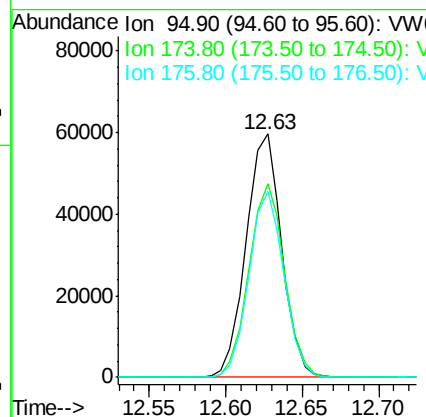
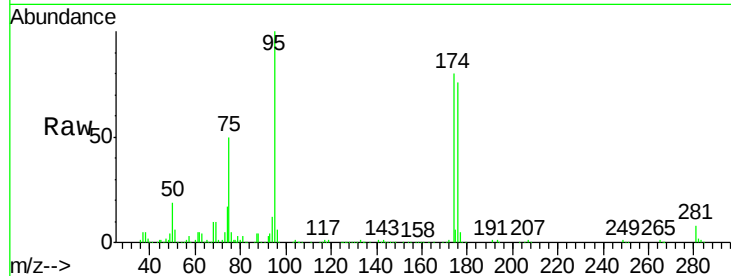




#62
4-Bromofluorobenzene
Concen: 28.47 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005506.D
Acq: 19 Sep 2018 04:56

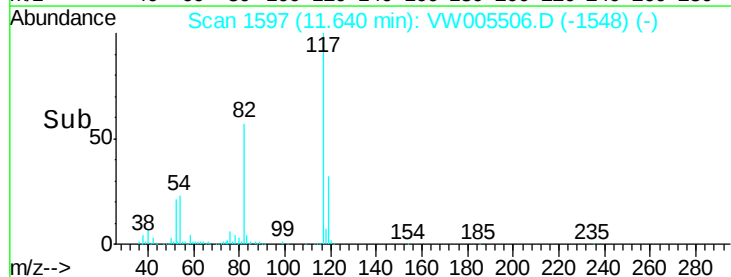
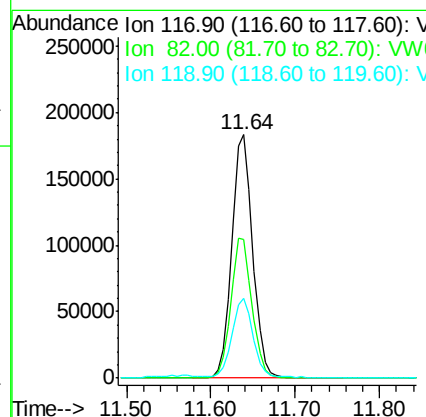
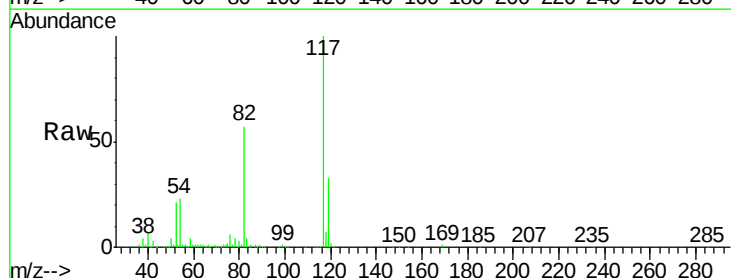
Instrument :
MSVOA_W
ClientSampleId :
SUP-UST-091718-01RE

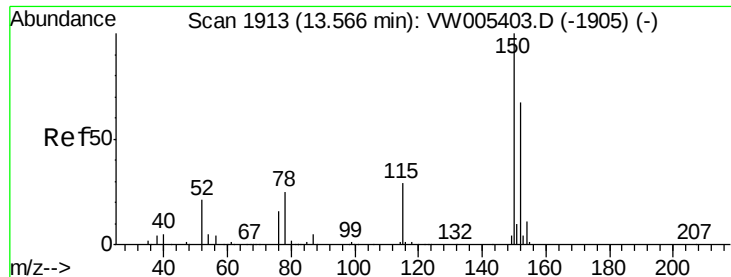
Tot Ion: 95 Resp: 96084
Ion Ratio Lower Upper
95 100
174 80.1 0.0 161.2
176 75.2 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005506.D
Acq: 19 Sep 2018 04:56

Tgt Ion: 117 Resp: 309672
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 32.7 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005506.D

Acq: 19 Sep 2018 04:56

Instrument :

MSVOA_W

ClientSampleId :

SUP-UST-091718-01RE

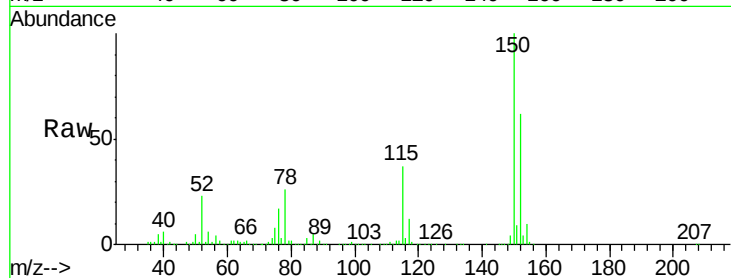
Tot Ion:152 Resp: 109438

Ion Ratio Lower Upper

152 100

115 58.9 29.5 88.5

150 157.2 0.0 345.6



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

