

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005480.D
 Acq On : 18 Sep 2018 15:49
 Operator : SY/AP
 Sample : J4967-03
 Misc : 3.94G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-03

Quant Time: Sep 18 17:10:27 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

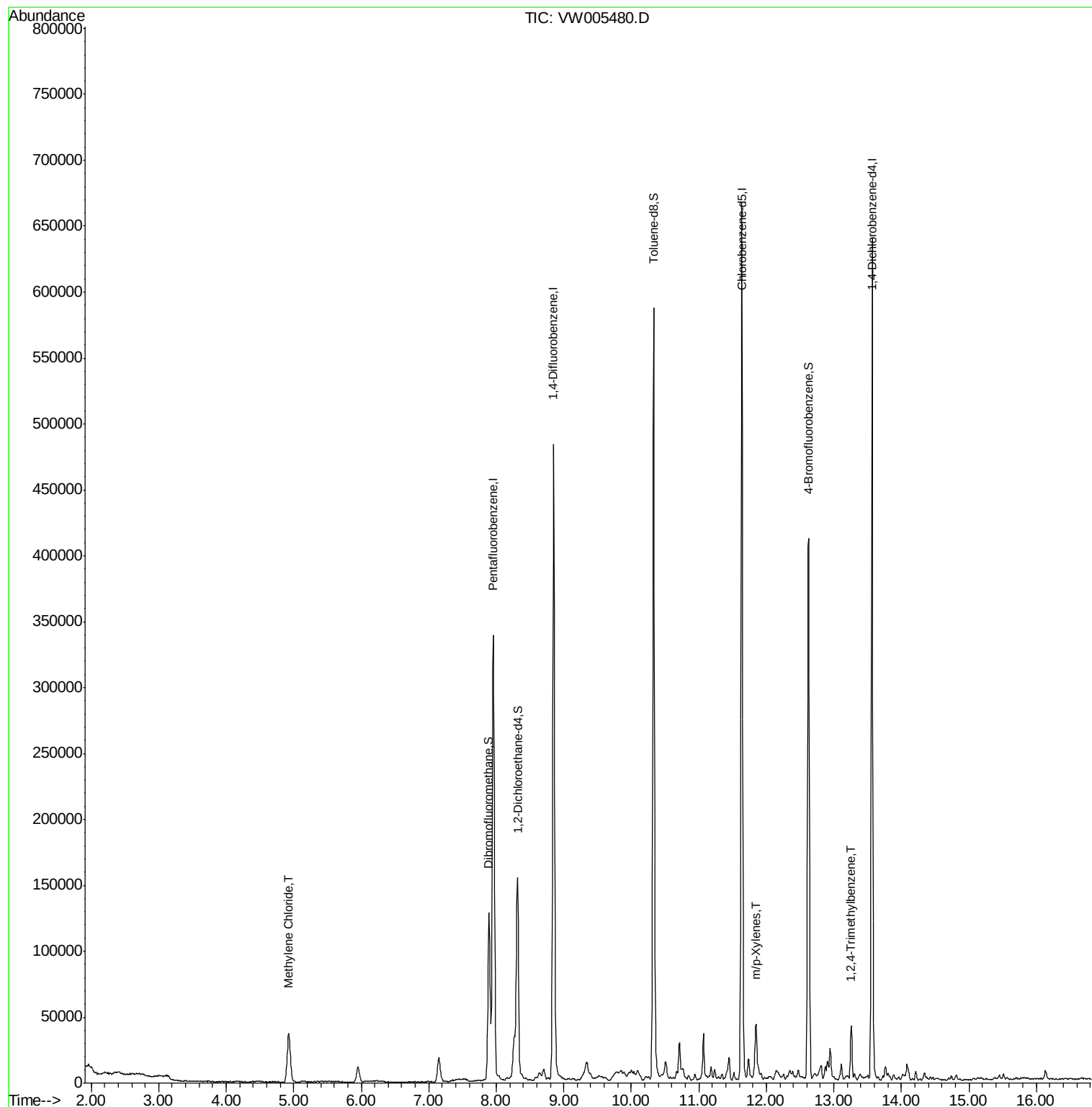
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	251975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	375542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120117	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
35) Dibromofluoromethane	7.89	113	92184	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.06%	
50) Toluene-d8	10.33	98	385455	37.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.94%	
62) 4-Bromofluorobenzene	12.63	95	133457	35.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.76%	
Target Compounds						
20) Methylene Chloride	4.92	84	28223	5.80	ug/l	92
68) m/p-Xylenes	11.85	106	11404	2.11	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	22300	2.22	ug/l	98

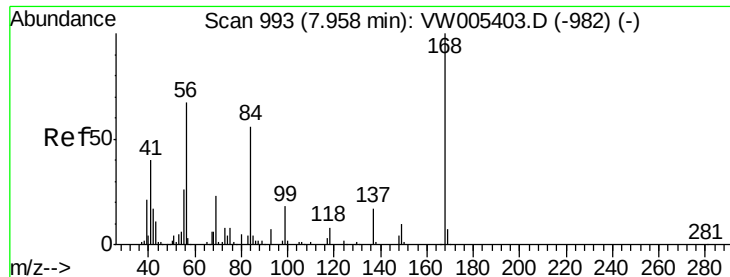
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005480.D

Acq: 18 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

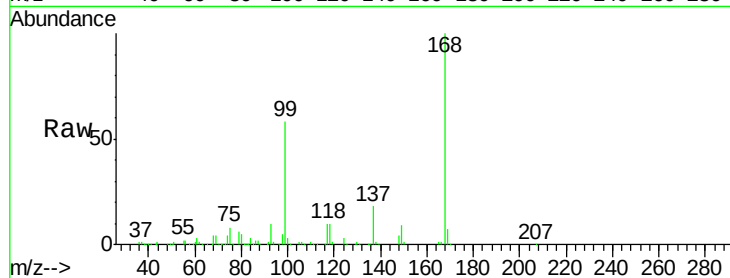
SUP-UST-091718-03

Tot Ion:168 Resp: 251975

Ion Ratio Lower Upper

168 100

99 58.2 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

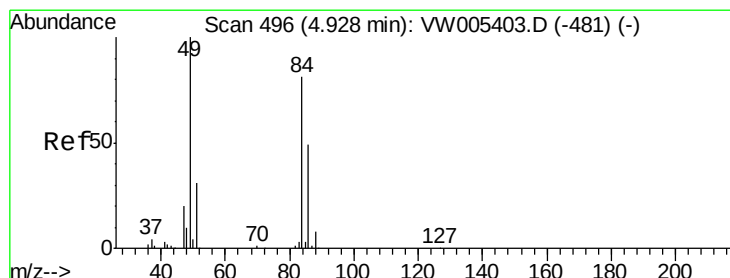
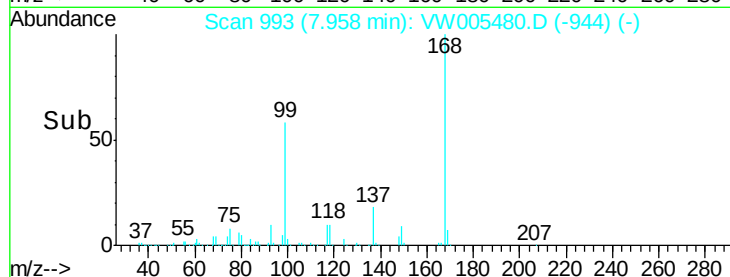
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.80 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005480.D

Acq: 18 Sep 2018 15:49

Tgt Ion: 84 Resp: 28223

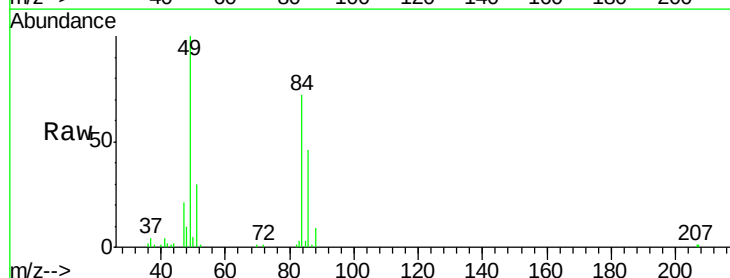
Ion Ratio Lower Upper

84 100

49 138.2 99.3 148.9

51 41.4 31.1 46.7

86 63.0 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

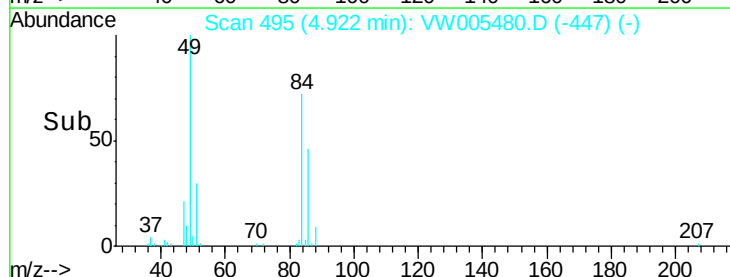
15000

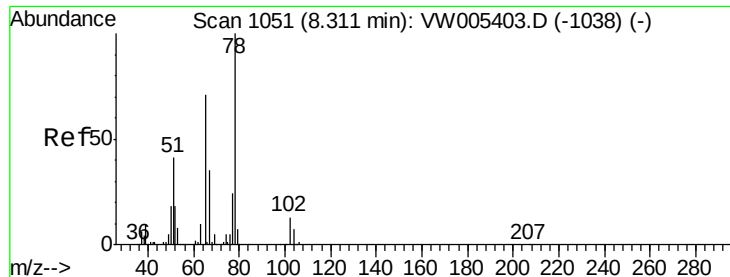
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

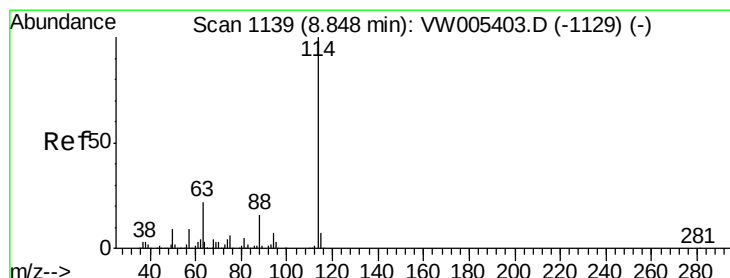
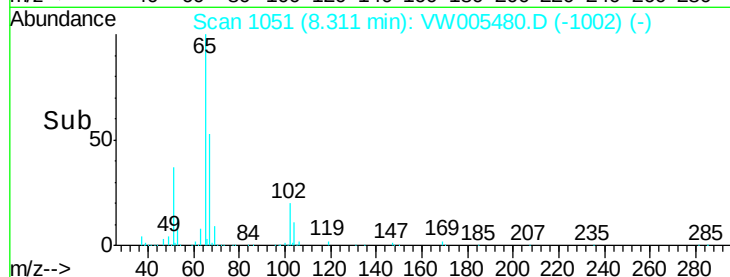
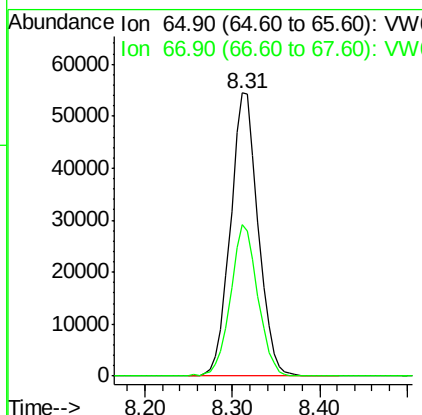
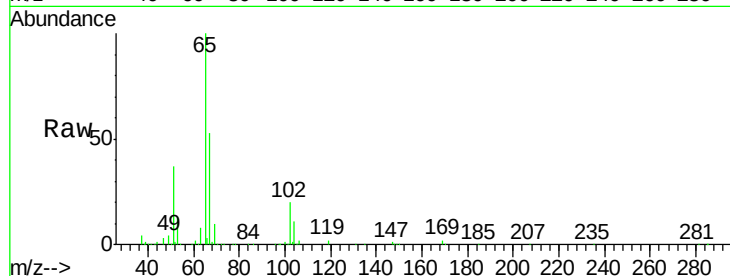




#33
 1,2-Dichloroethane-d4
 Concen: 45.92 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005480.D
 Acq: 18 Sep 2018 15:49

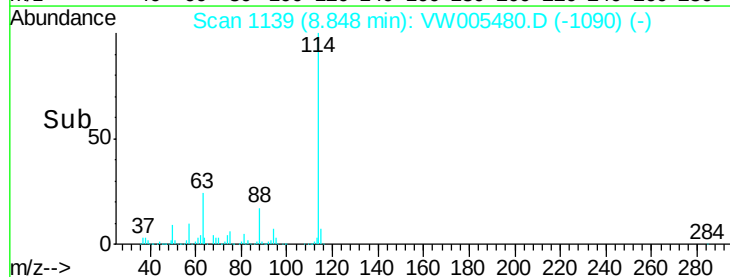
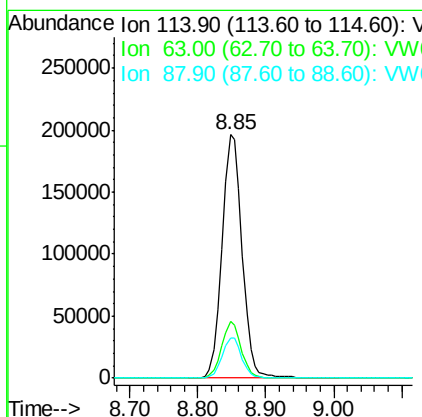
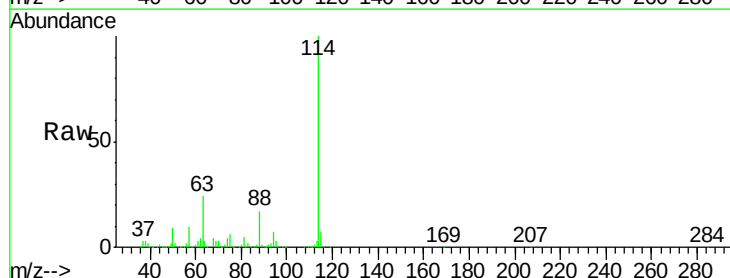
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-03

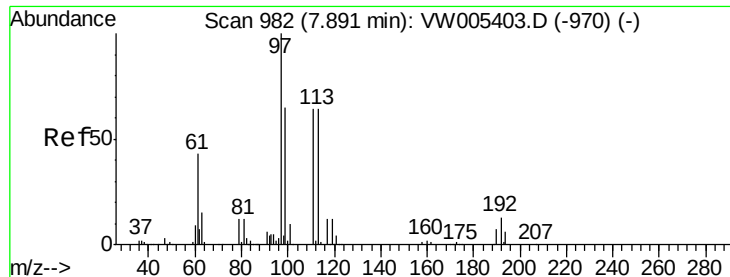
Tot Ion: 65 Resp: 120117
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005480.D
 Acq: 18 Sep 2018 15:49

Tgt Ion: 114 Resp: 400668
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 43.4
 88 16.7 0.0 31.8

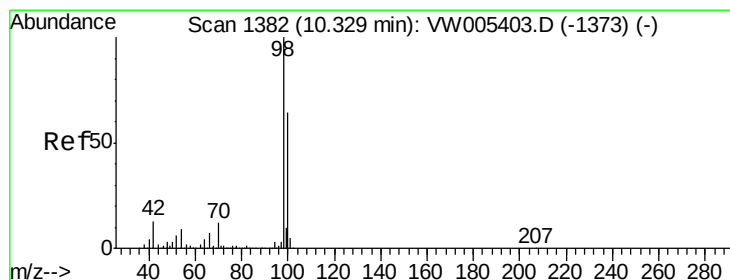
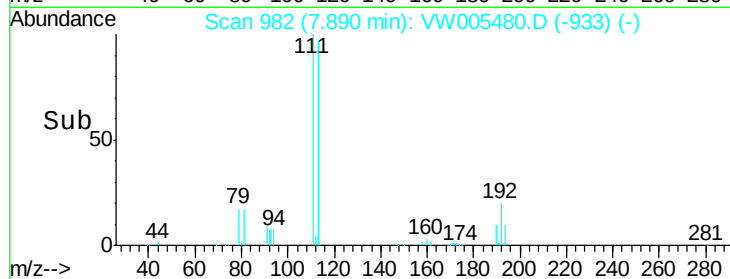
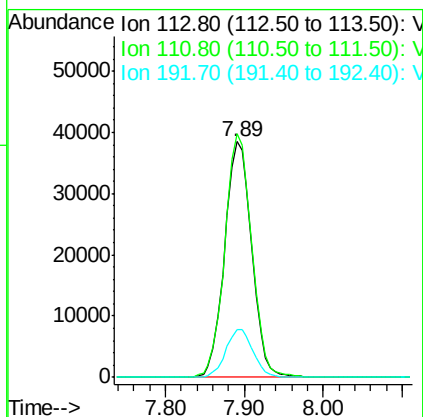
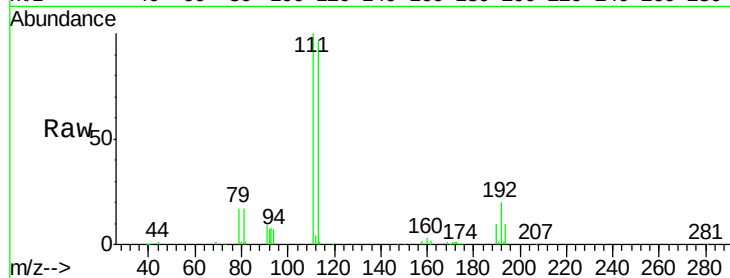




#35
 Dibromofluoromethane
 Concen: 41.03 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005480.D
 Acq: 18 Sep 2018 15:49

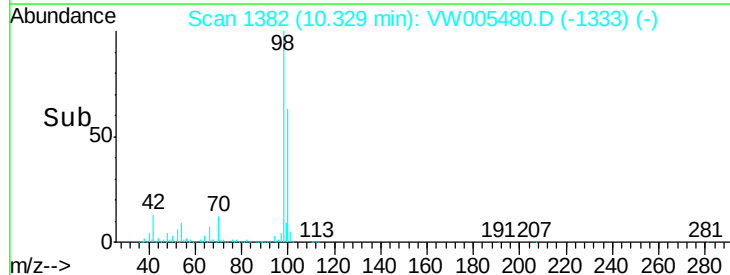
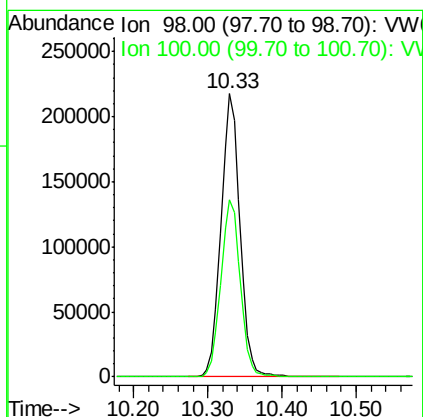
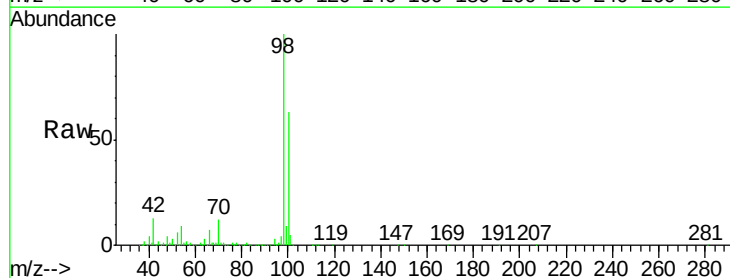
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-03

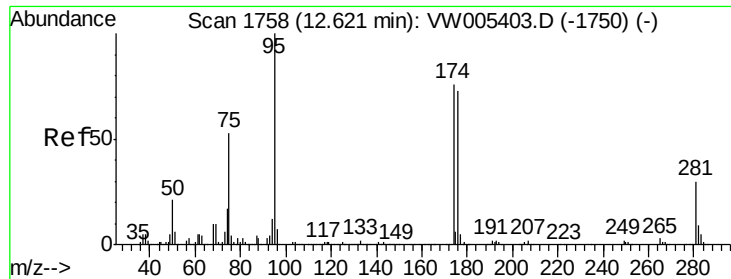
Tot Ion:113 Resp: 92184
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.3 123.5
 192 20.2 16.5 24.7



#50
 Toluene-d8
 Concen: 37.47 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005480.D
 Acq: 18 Sep 2018 15:49

Tgt Ion: 98 Resp: 385455
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0

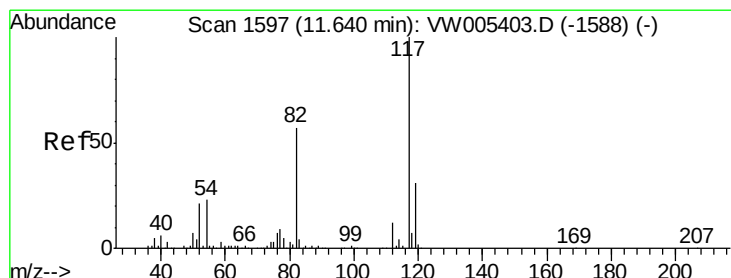
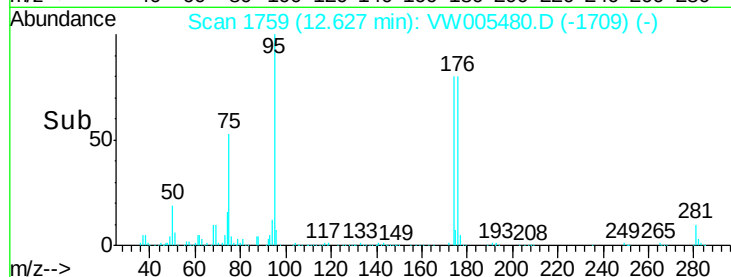
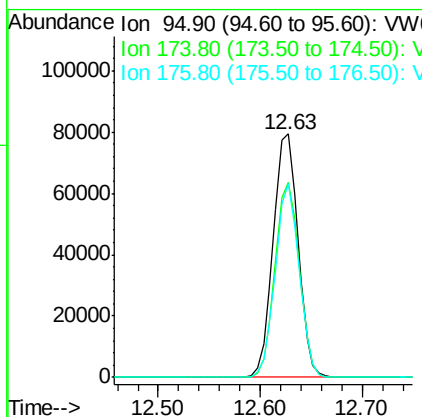
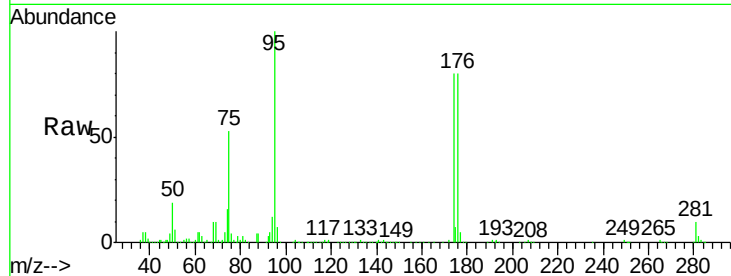




#62
4-Bromofluorobenzene
Concen: 35.38 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005480.D
Acq: 18 Sep 2018 15:49

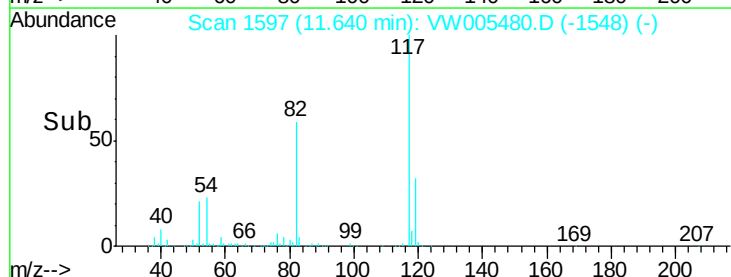
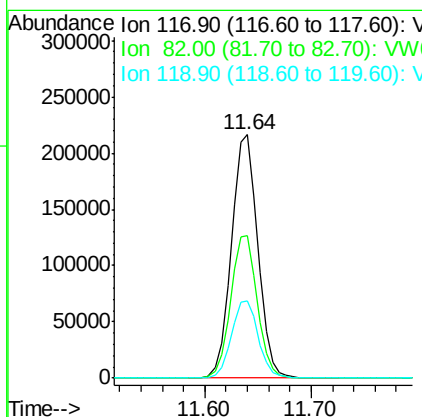
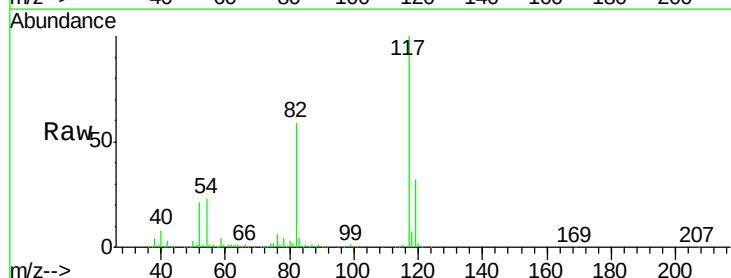
Instrument :
MSVOA_W
ClientSampleId :
SUP-UST-091718-03

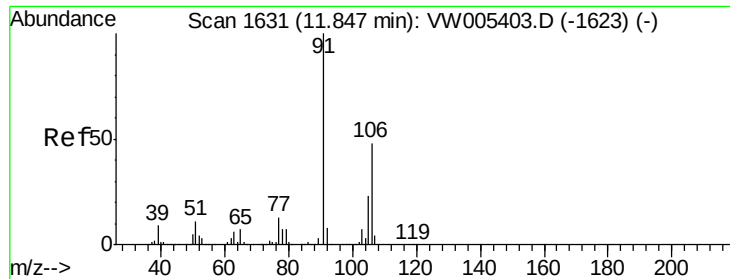
Tot Ion	95	Resp	133457
Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	161.2
176	75.9	0.0	156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005480.D
Acq: 18 Sep 2018 15:49

Tgt Ion	117	Resp	375542
Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.9	68.9
119	31.7	24.8	37.2





#68

m/p-Xylenes

Concen: 2.11 ug/l

RT: 11.85 min Scan# 1632

Delta R.T. 0.01 min

Lab File: VW005480.D

Acq: 18 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

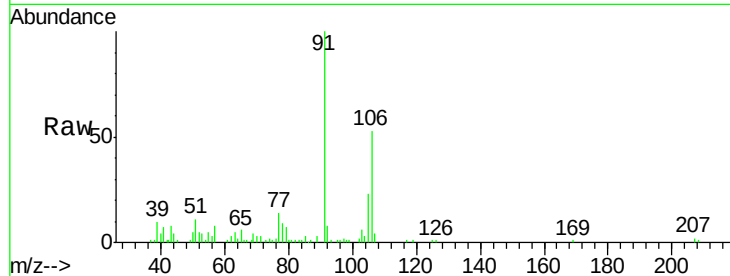
SUP-UST-091718-03

Tot Ion:106 Resp: 11404

Ion Ratio Lower Upper

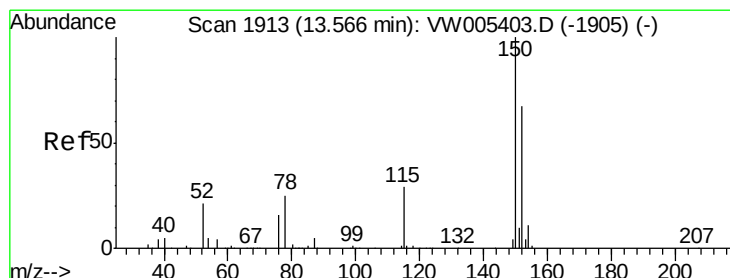
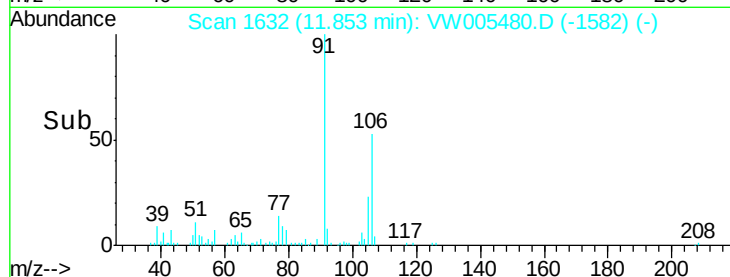
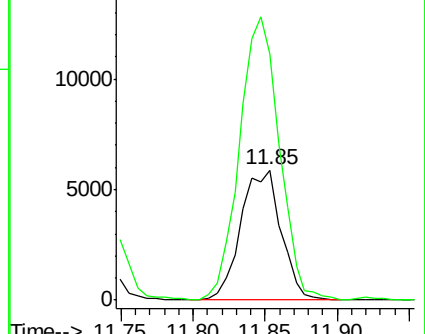
106 100

91 215.4 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VW005480.D

Acq: 18 Sep 2018 15:49

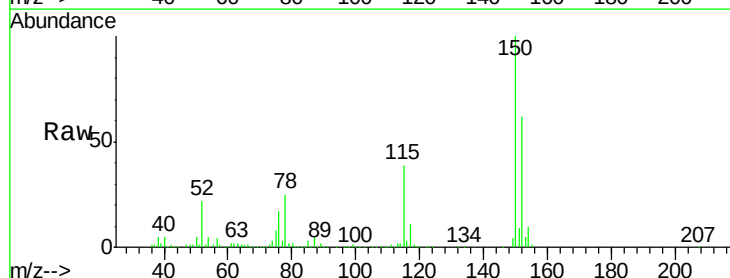
Tgt Ion:152 Resp: 161583

Ion Ratio Lower Upper

152 100

115 59.8 29.5 88.5

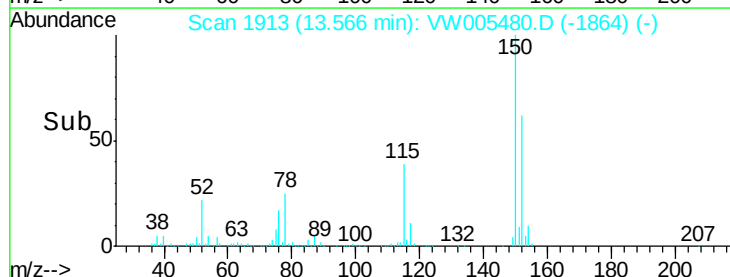
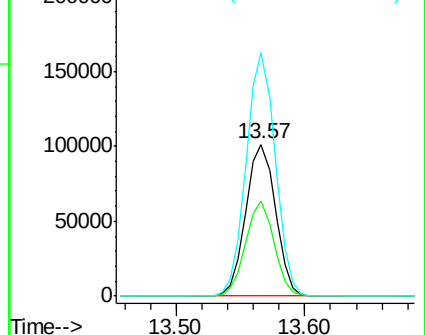
150 156.7 0.0 345.6

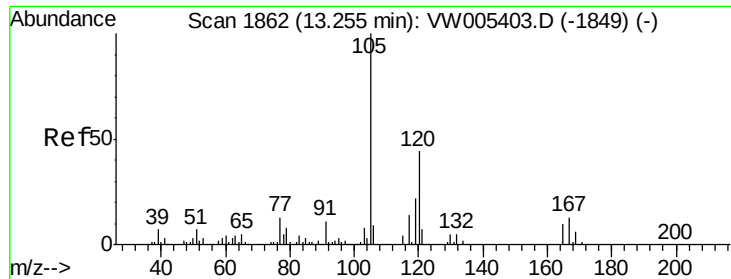


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

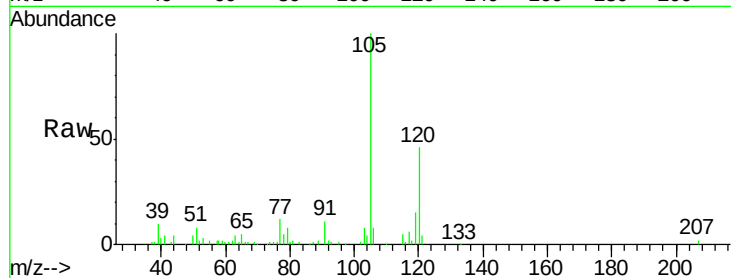




#84
 1,2,4-Trimethylbenzene
 Concen: 2.22 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005480.D
 Acq: 18 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-03

Tot Ion:105 Resp: 22300
 Ion Ratio Lower Upper
 105 100
 120 45.1 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

