

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005478.D
 Acq On : 18 Sep 2018 14:58
 Operator : SY/AP
 Sample : J4967-01
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 18 17:05:01 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	252640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	140178	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	122957	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	
35) Dibromofluoromethane	7.89	113	96821	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
50) Toluene-d8	10.33	98	385640	37.84	ug/l	0.00
Spiked Amount			Recovery	=	75.68%	
62) 4-Bromofluorobenzene	12.62	95	119694	32.03	ug/l	0.00
Spiked Amount			Recovery	=	64.06%	

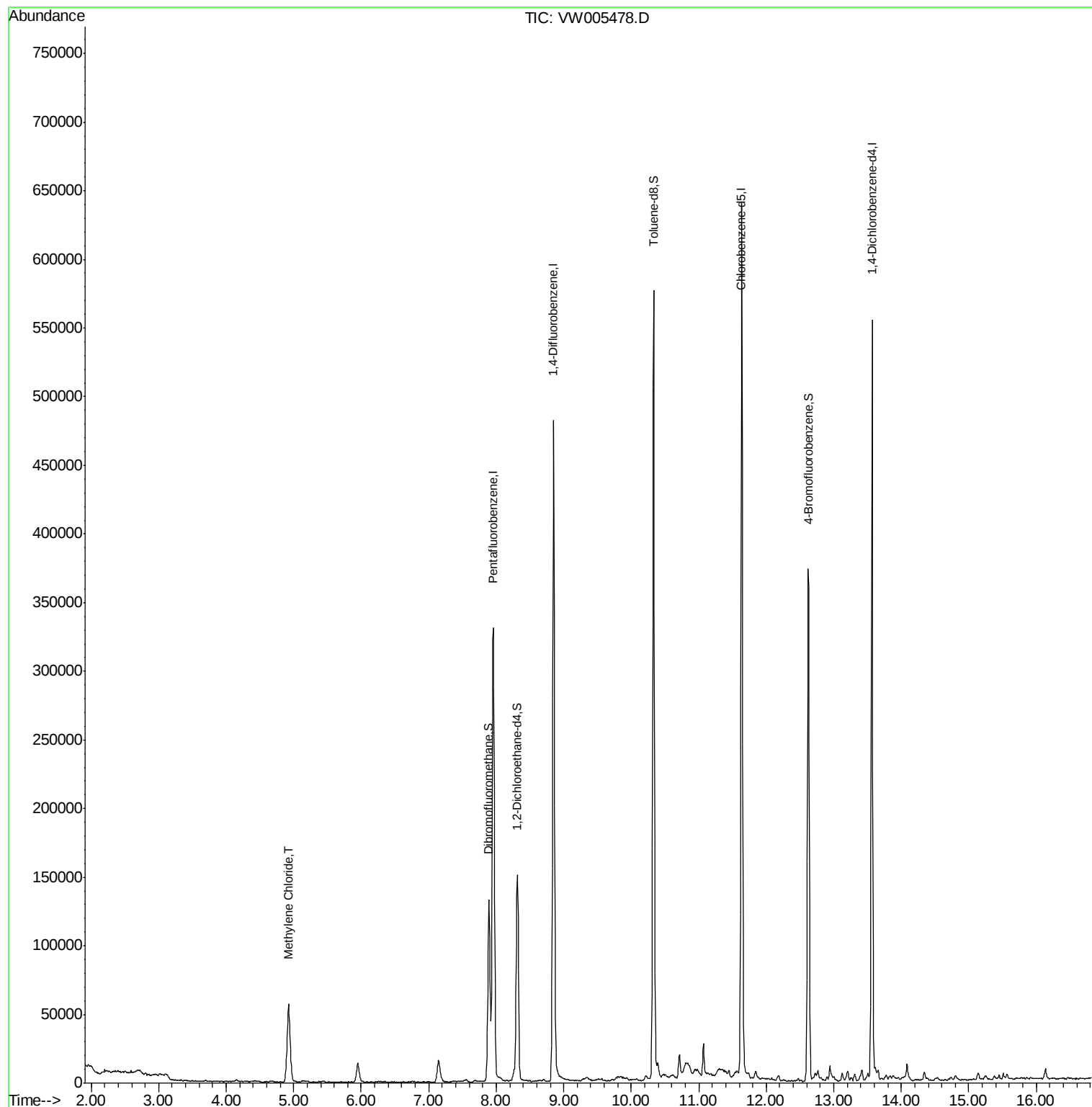
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	42102	11.80	ug/l	94

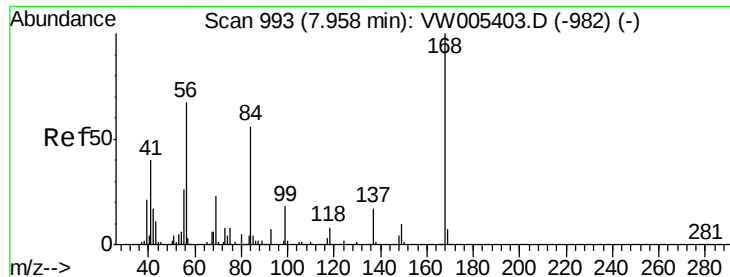
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005478.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

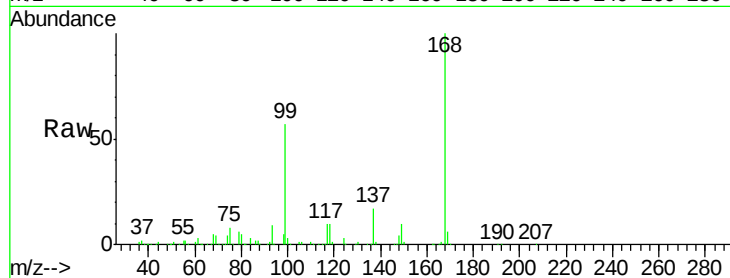
SUP-UST-091718-01

Tot Ion:168 Resp: 252640

Ion Ratio Lower Upper

168 100

99 57.0 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

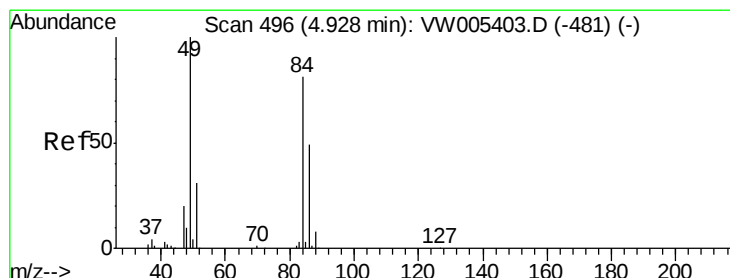
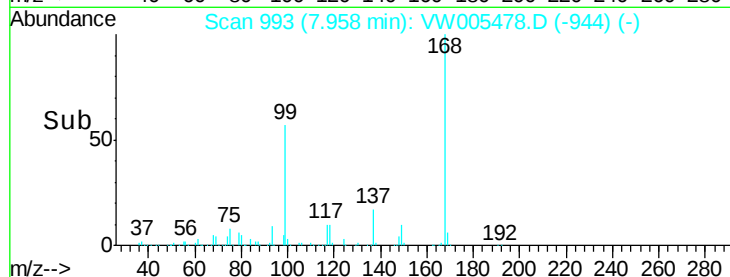
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 11.80 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005478.D

Acq: 18 Sep 2018 14:58

Tgt Ion: 84 Resp: 42102

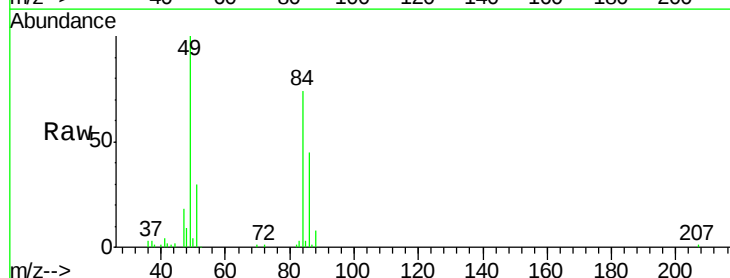
Ion Ratio Lower Upper

84 100

49 135.8 99.3 148.9

51 40.1 31.1 46.7

86 60.5 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

25000

20000

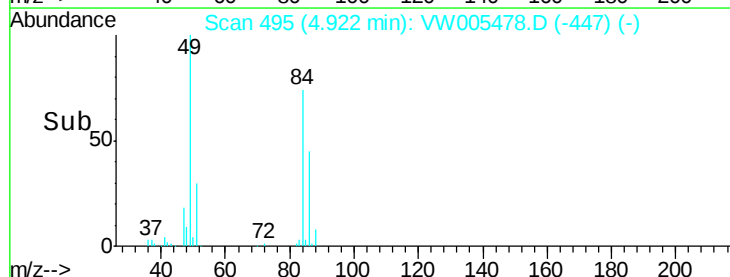
15000

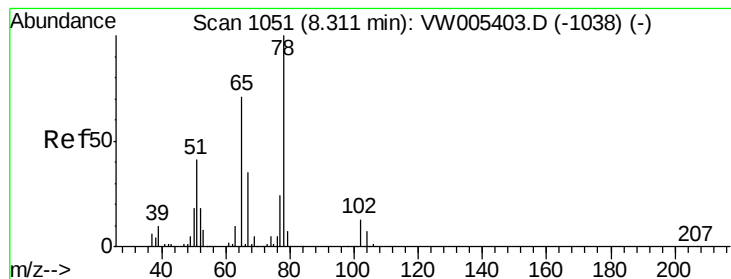
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.89 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005478.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

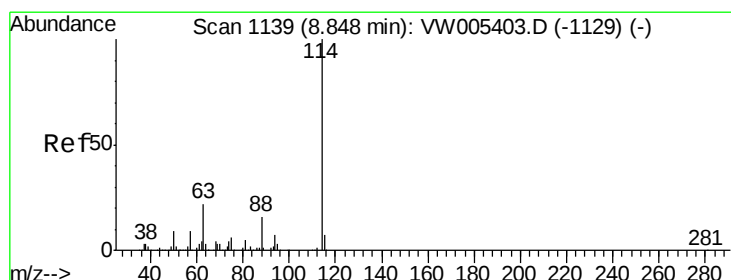
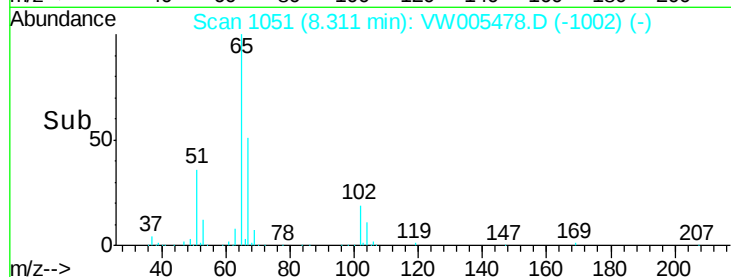
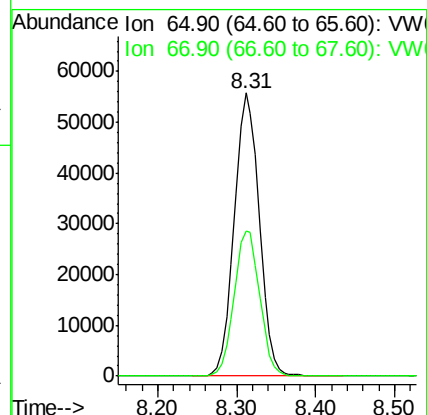
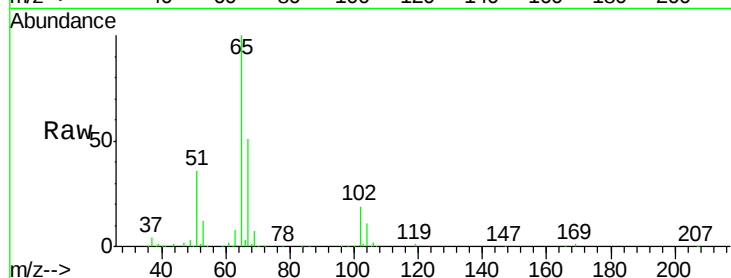
SUP-UST-091718-01

Tot Ion: 65 Resp: 122957

Ion Ratio Lower Upper

65 100

67 52.6 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: VW005478.D

Acq: 18 Sep 2018 14:58

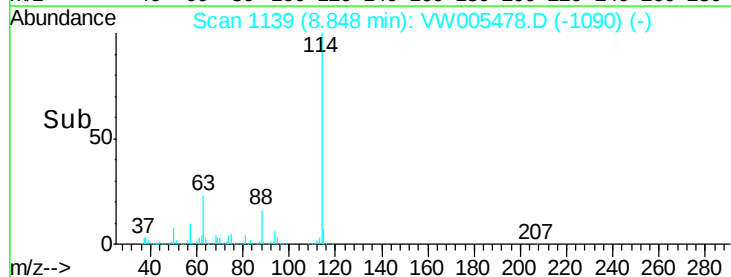
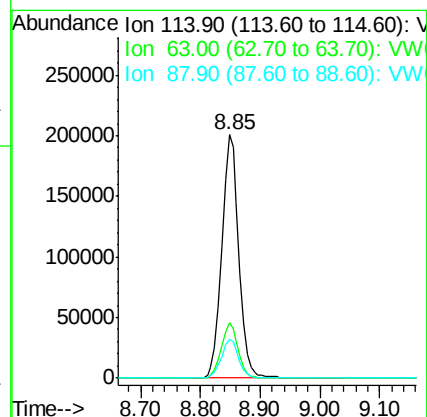
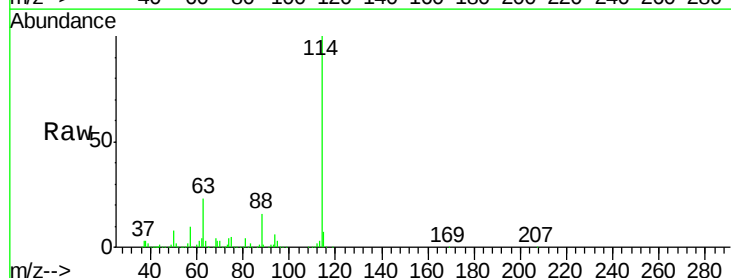
Tgt Ion: 114 Resp: 396935

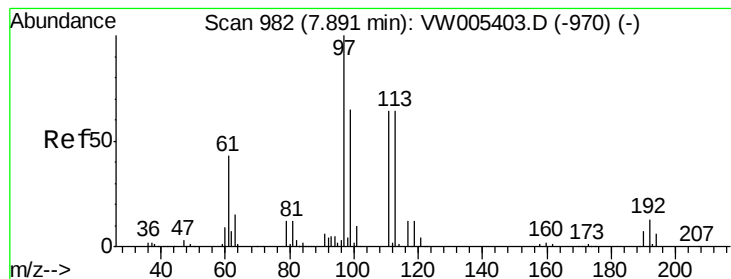
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.50 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005478.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

SUP-UST-091718-01

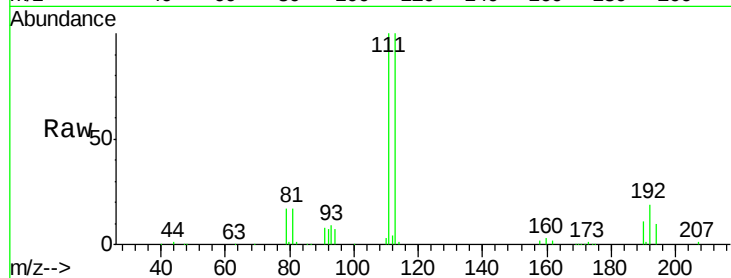
Tot Ion:113 Resp: 96821

Ion Ratio Lower Upper

113 100

111 100.9 82.3 123.5

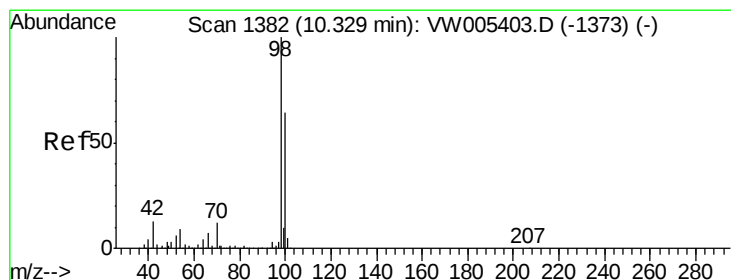
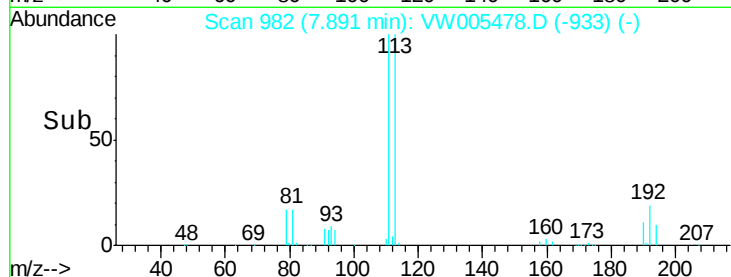
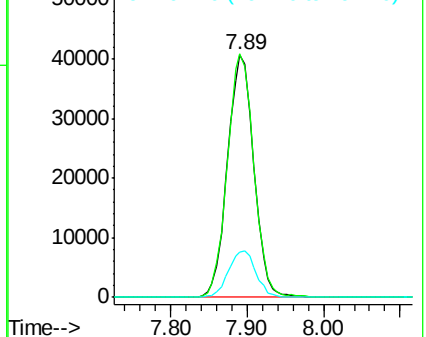
192 20.0 16.5 24.7



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: 37.84 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005478.D

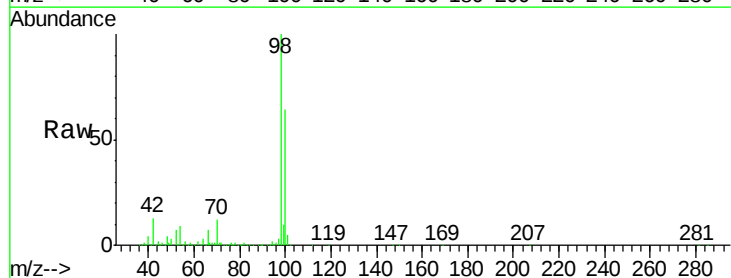
Acq: 18 Sep 2018 14:58

Tgt Ion: 98 Resp: 385640

Ion Ratio Lower Upper

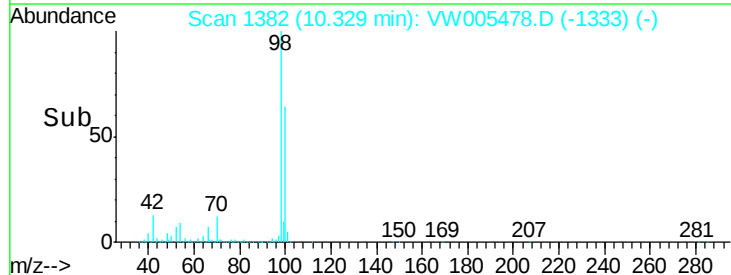
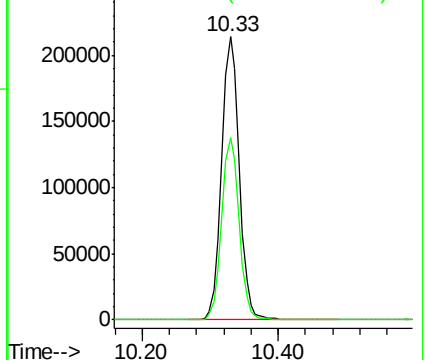
98 100

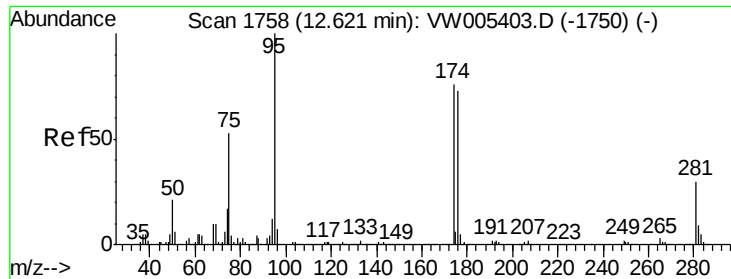
100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

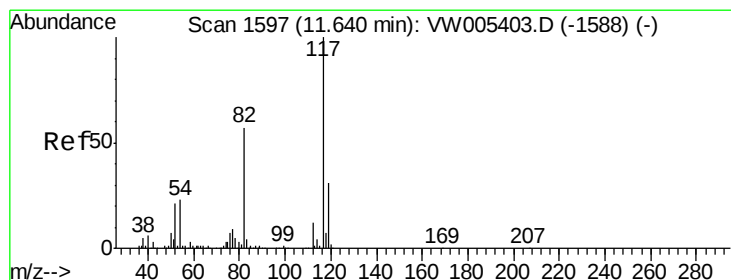
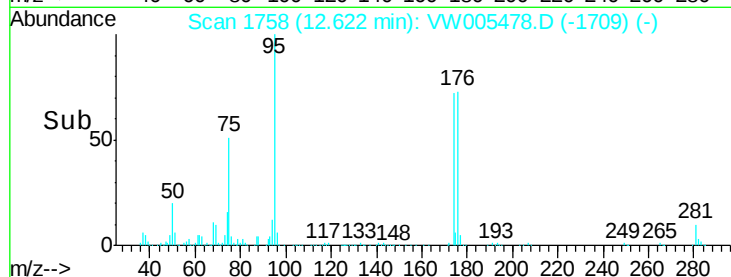
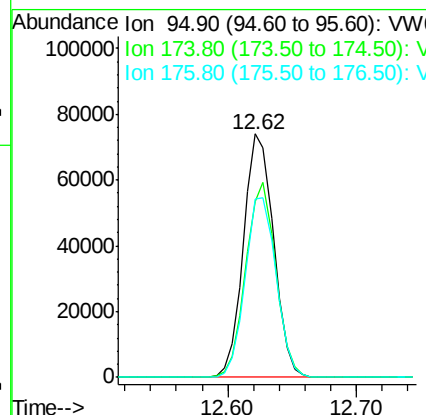
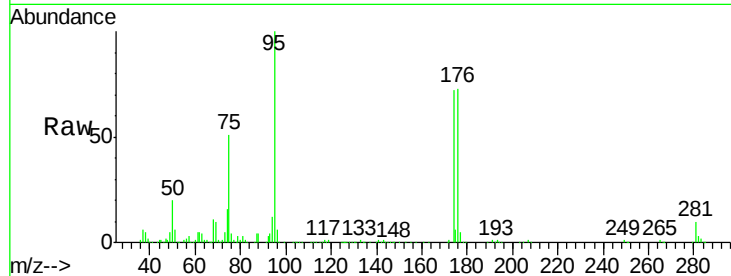




#62
4-Bromofluorobenzene
Concen: 32.03 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005478.D
Acq: 18 Sep 2018 14:58

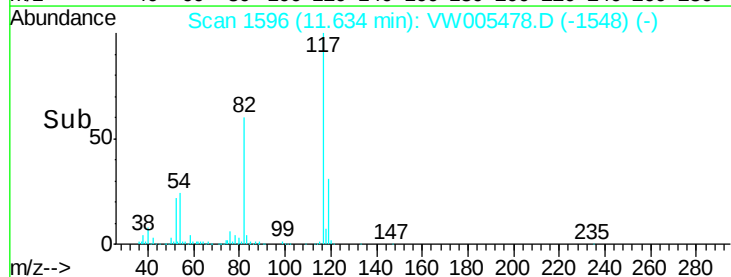
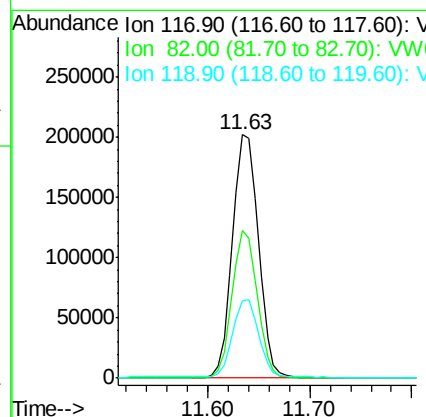
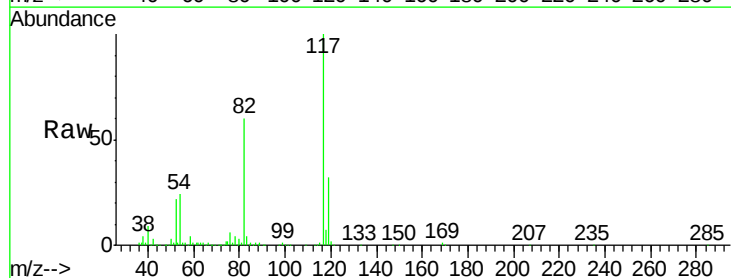
Instrument :
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SUP-UST-091718-01

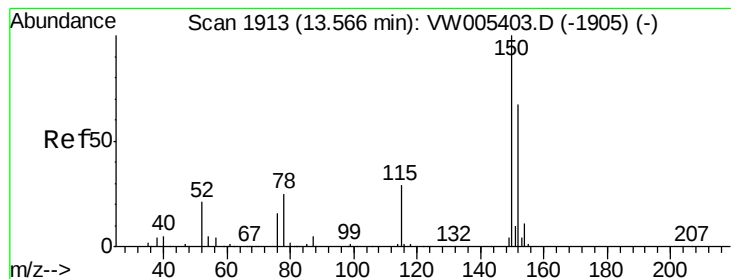
Tot Ion: 95 Resp: 119694
Ion Ratio Lower Upper
95 100
174 79.2 0.0 161.2
176 76.0 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005478.D
Acq: 18 Sep 2018 14:58

Tgt Ion: 117 Resp: 355687
Ion Ratio Lower Upper
117 100
82 60.5 45.9 68.9
119 31.6 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: VW005478.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

SUP-UST-091718-01

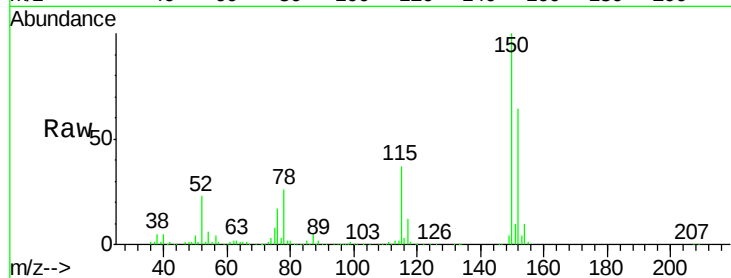
Tot Ion:152 Resp: 140178

Ion Ratio Lower Upper

152 100

115 59.0 29.5 88.5

150 157.4 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

