

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003798.D
 Acq On : 10 Jul 2018 01:57
 Operator : SY/AP
 Sample : J3879-04
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-2

Quant Time: Jul 10 03:18:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

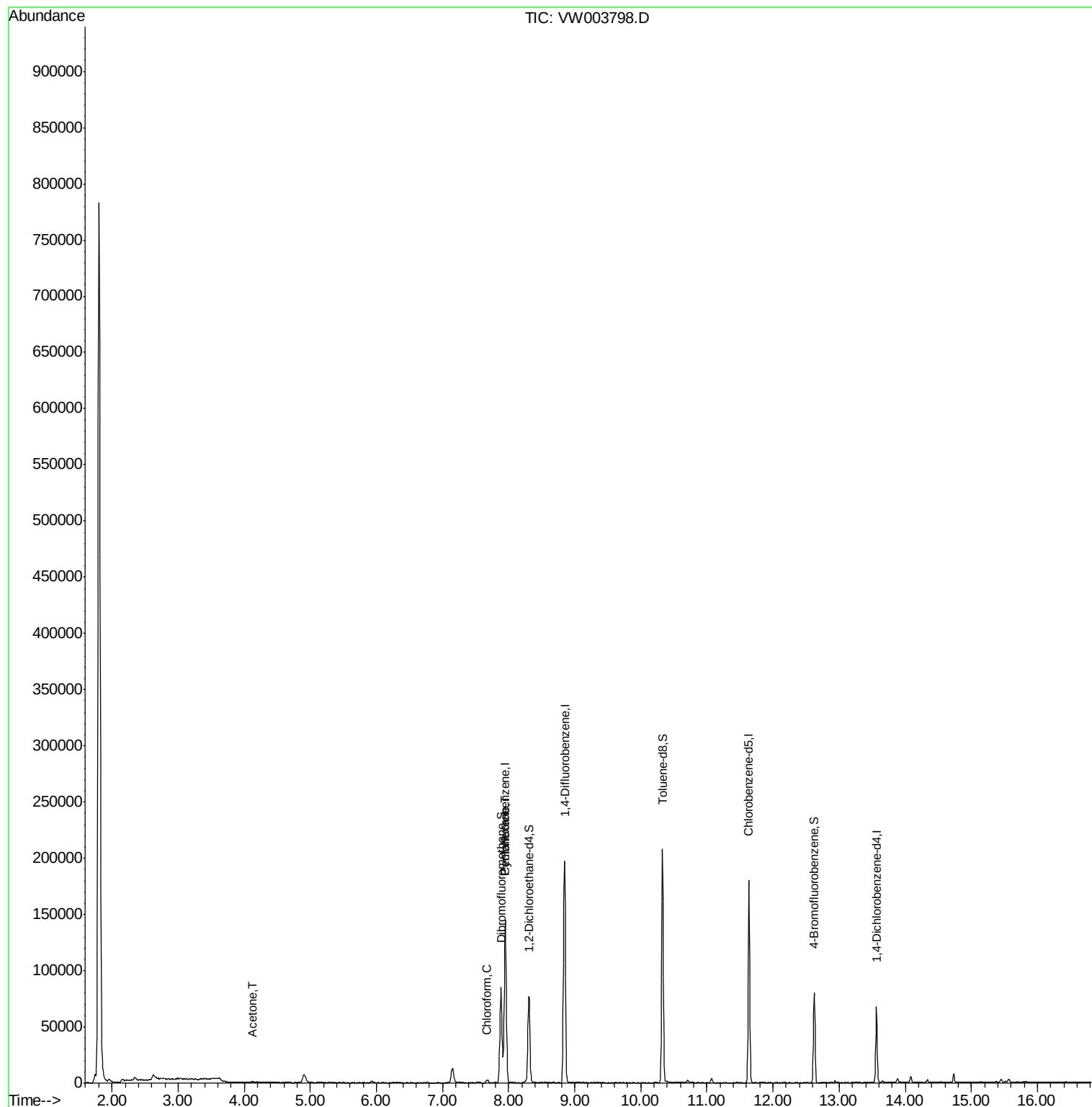
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	156731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61938	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
35) Dibromofluoromethane	7.88	113	58089	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.33	98	135216	32.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.44%	
62) 4-Bromofluorobenzene	12.62	95	22532	14.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.68%	
Target Compounds						
16) Acetone	4.12	43	1948	8.308	ug/l #	79
30) Chloroform	7.68	83	2356	1.029	ug/l	90
31) Cyclohexane	7.95	56	2860	1.450	ug/l #	23

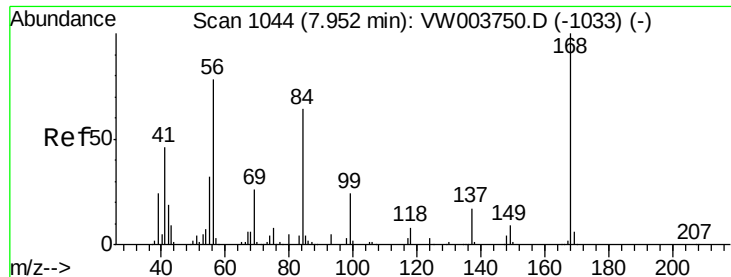
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

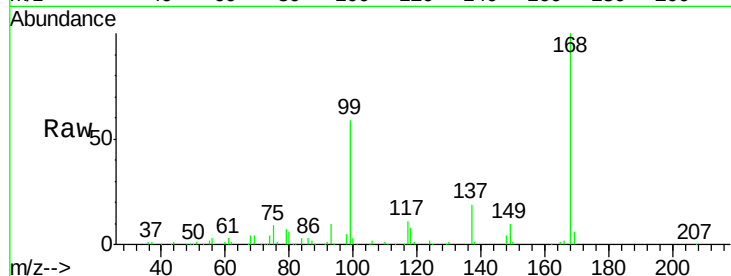
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-2

Tot Ion:168 Resp: 103339

Ion Ratio Lower Upper

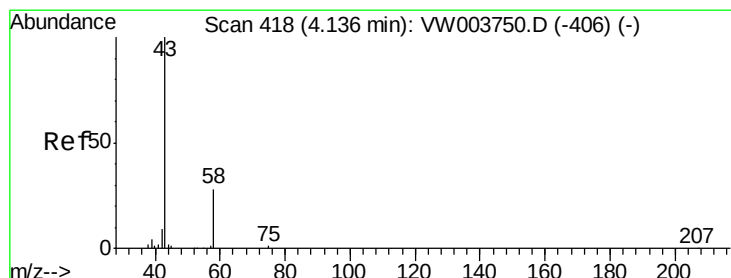
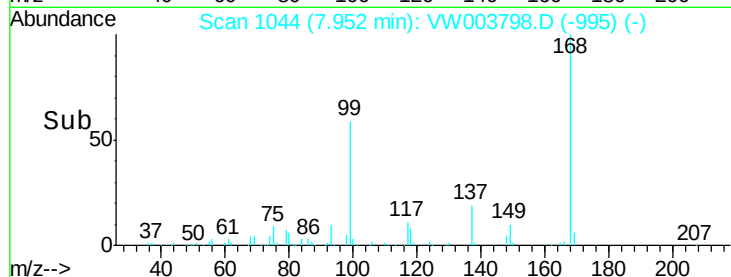
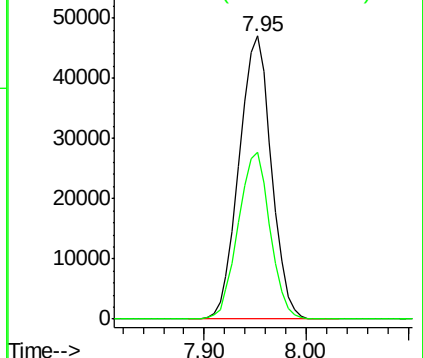
168 100

99 59.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.308 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003798.D

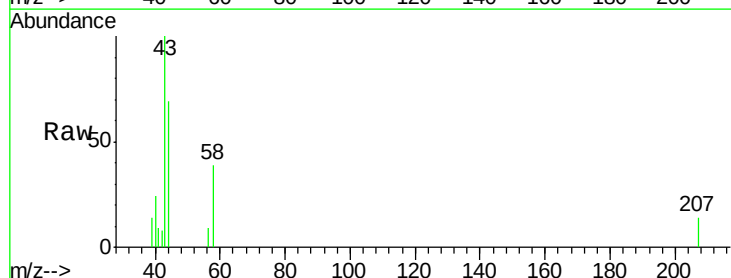
Acq: 10 Jul 2018 01:57

Tgt Ion: 43 Resp: 1948

Ion Ratio Lower Upper

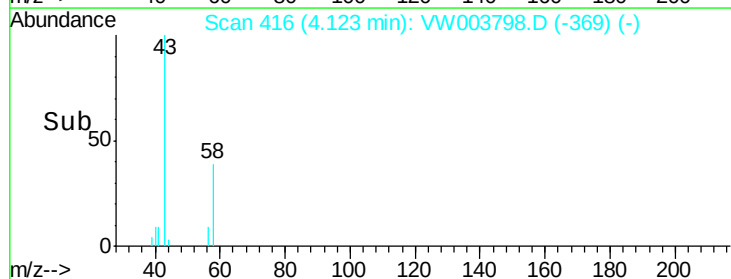
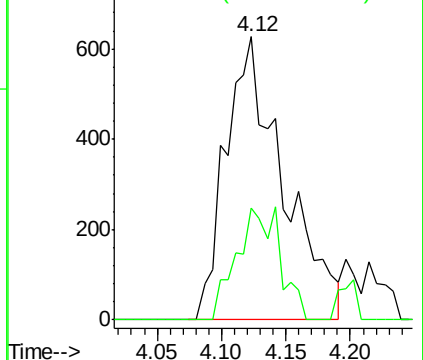
43 100

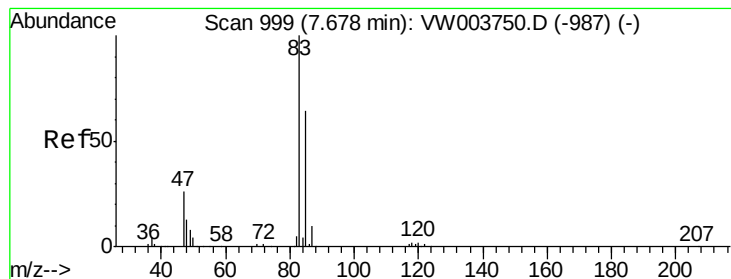
58 39.4 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#30

Chloroform

Concen: 1.029 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

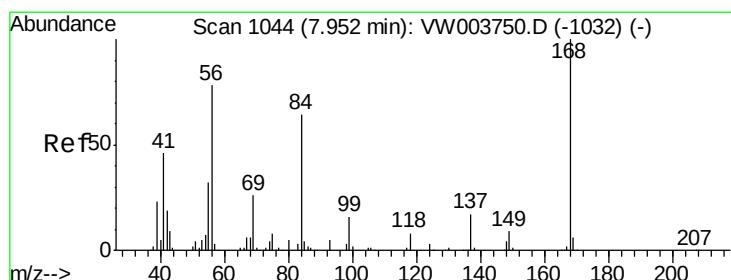
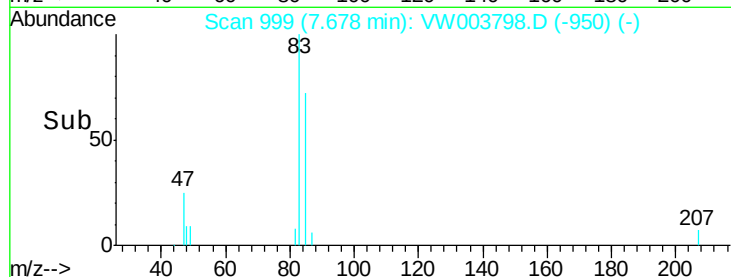
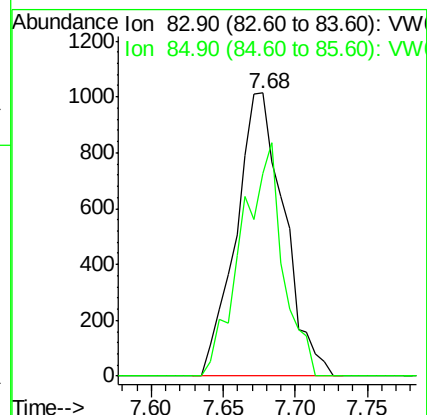
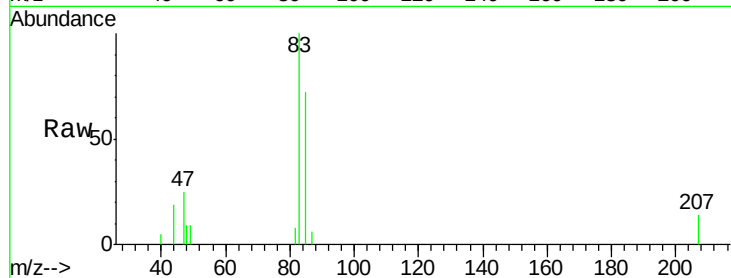
SURCHARGE-SP-2

Tot Ion: 83 Resp: 2356

Ion Ratio Lower Upper

83 100

85 71.9 51.5 77.3



#31

Cyclohexane

Concen: 1.450 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

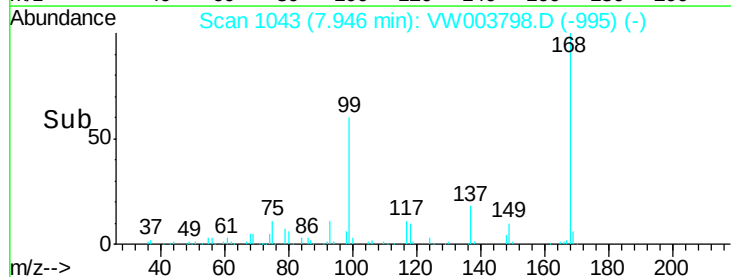
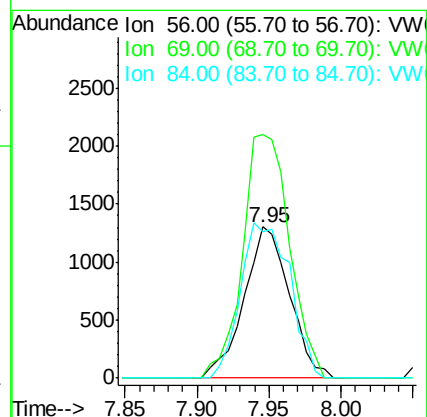
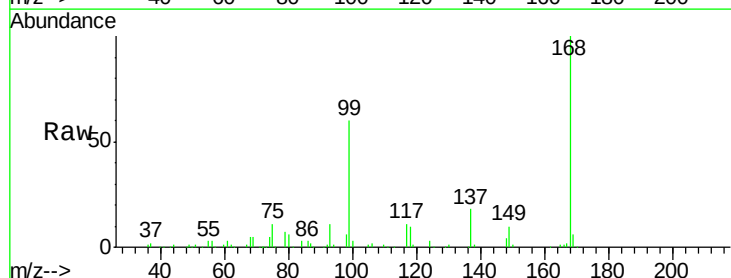
Tgt Ion: 56 Resp: 2860

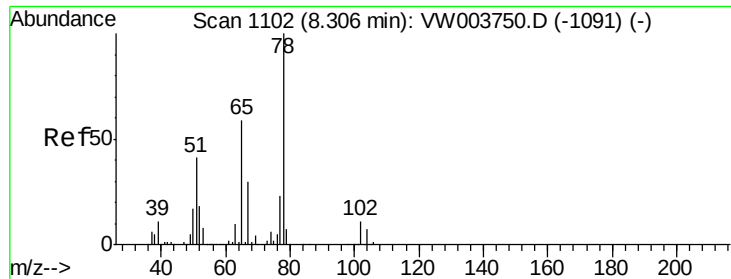
Ion Ratio Lower Upper

56 100

69 160.8 26.2 39.4#

84 96.6 65.5 98.3

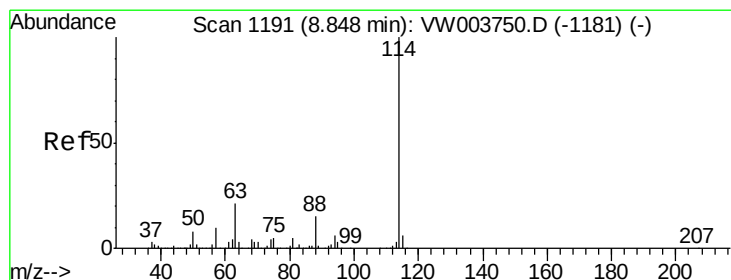
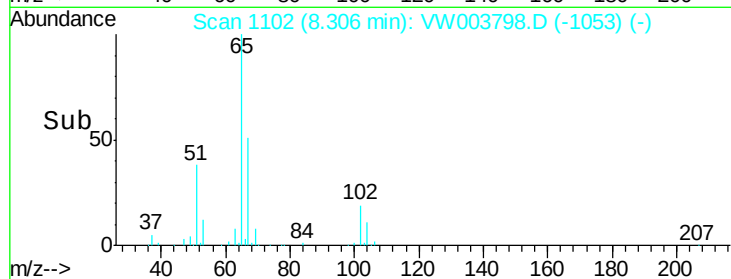
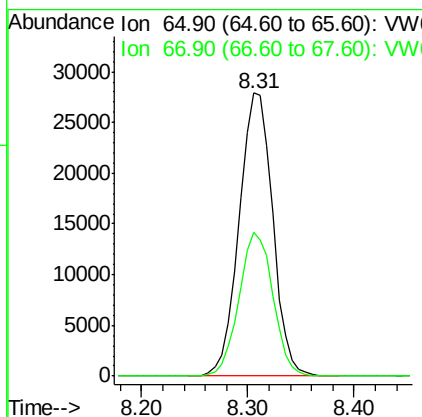
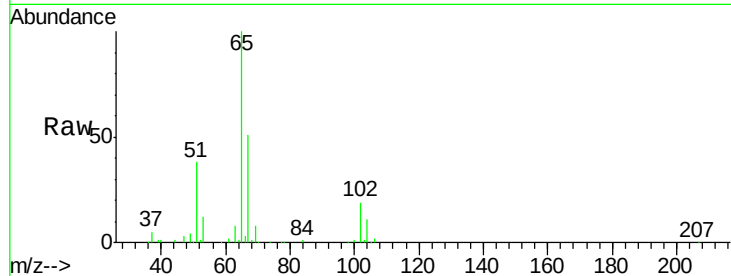




#33
 1,2-Dichloroethane-d4
 Concen: 45.833 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003798.D
 Acq: 10 Jul 2018 01:57

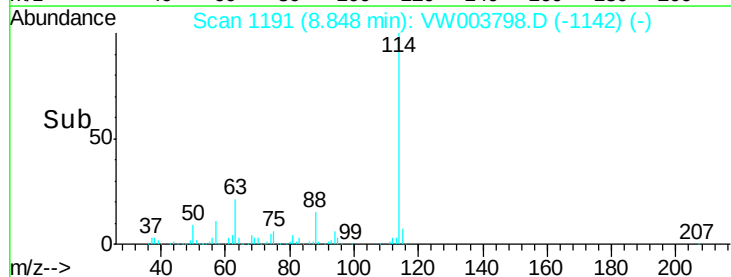
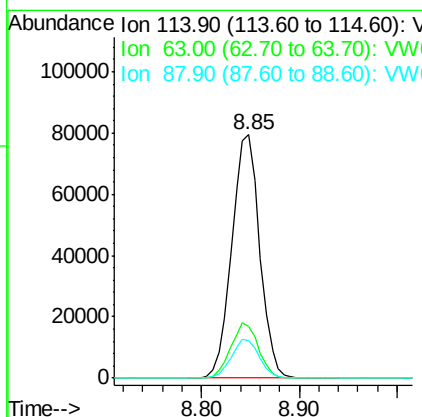
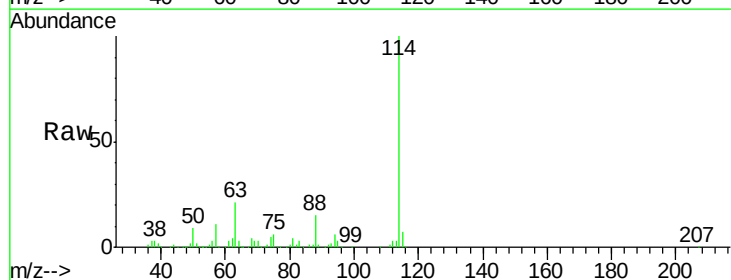
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-2

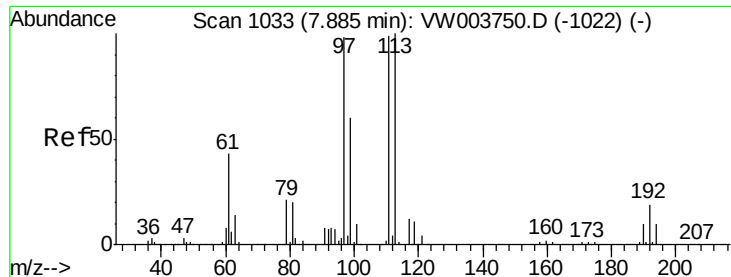
Tot Ion: 65 Resp: 61938
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003798.D
 Acq: 10 Jul 2018 01:57

Tgt Ion: 114 Resp: 156731
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.8
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.956 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-2

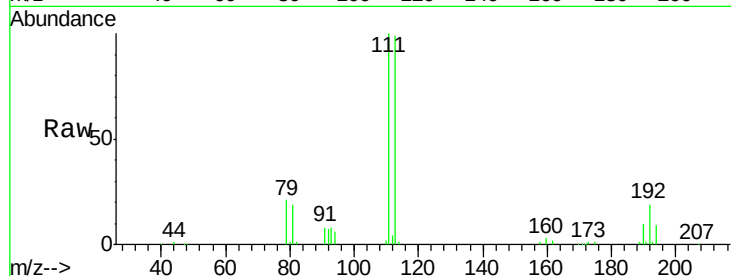
Tot Ion:113 Resp: 58089

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	19.4	15.8	23.8

113 100

111 102.3 81.7 122.5

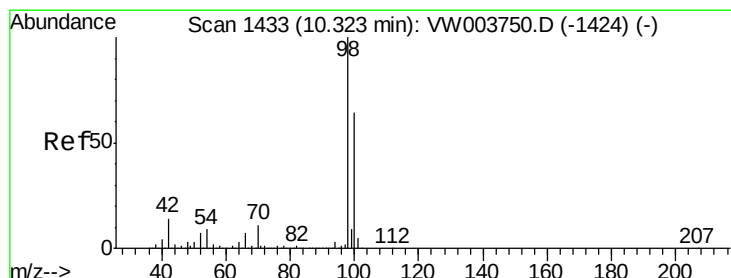
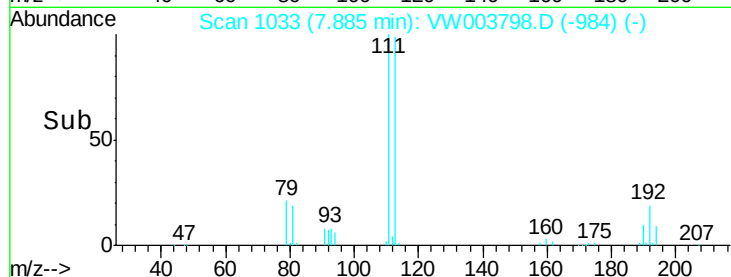
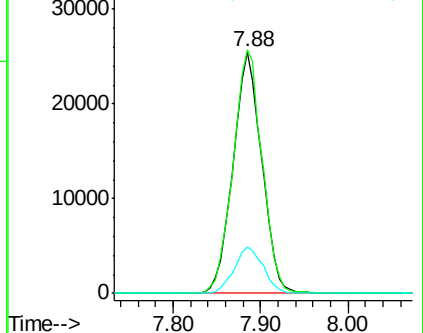
192 19.4 15.8 23.8



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: 32.225 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003798.D

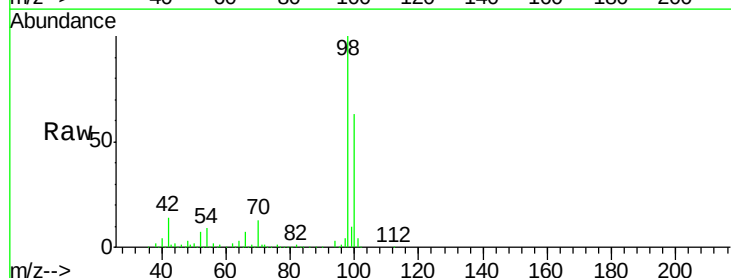
Acq: 10 Jul 2018 01:57

Tgt Ion: 98 Resp: 135216

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.8	76.2

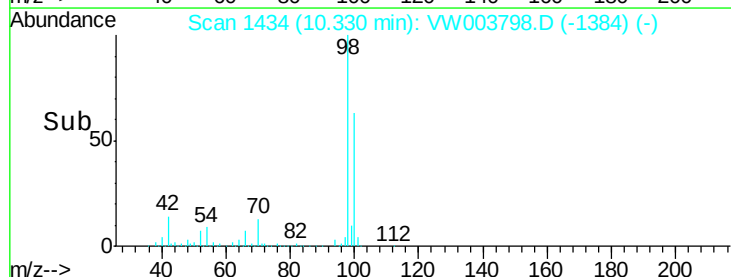
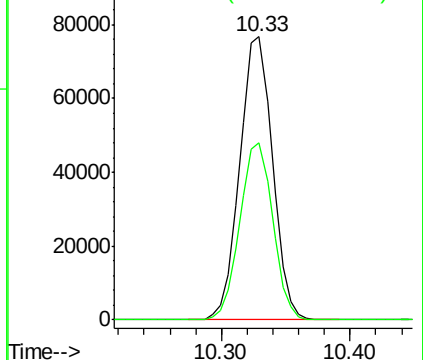
98 100

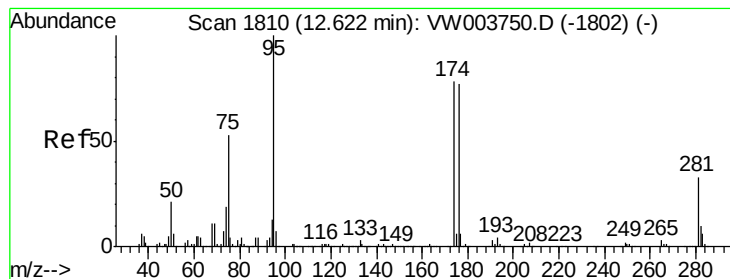
100 62.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 14.841 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-2

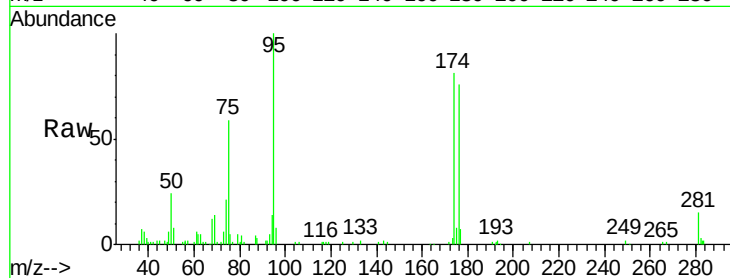
Tot Ion: 95 Resp: 22532

Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.4

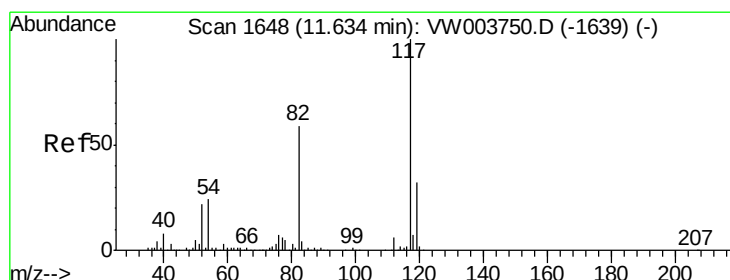
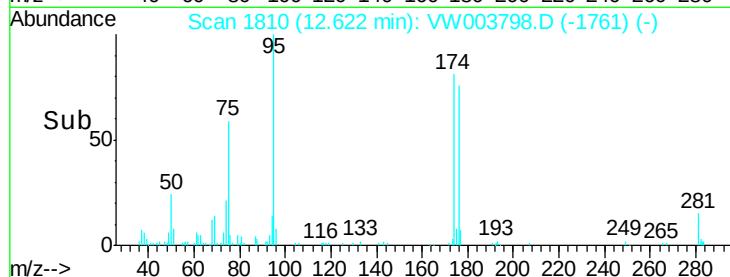
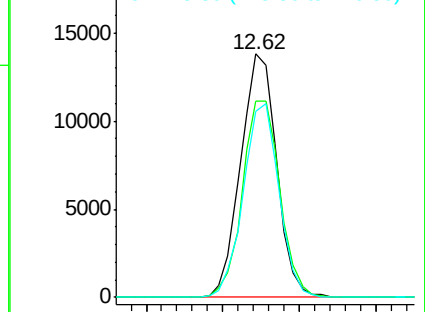
176 79.2 0.0 156.8



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: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

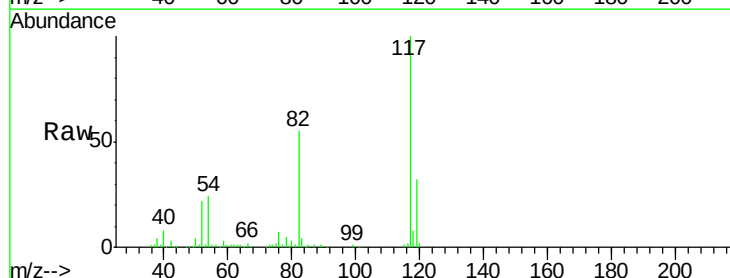
Tgt Ion: 117 Resp: 94871

Ion Ratio Lower Upper

117 100

82 54.7 46.9 70.3

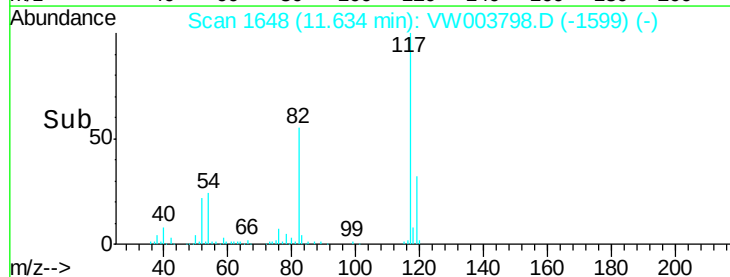
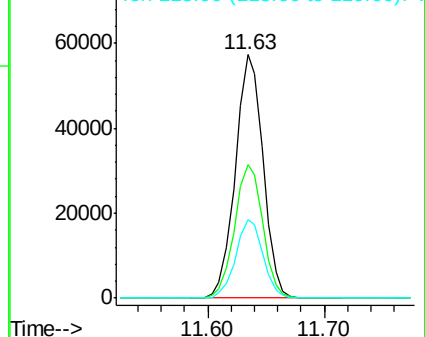
119 32.1 25.5 38.3

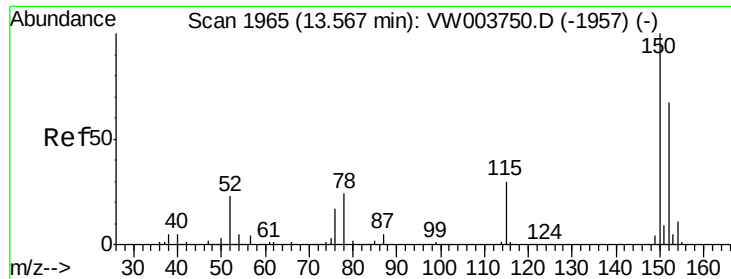


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-2

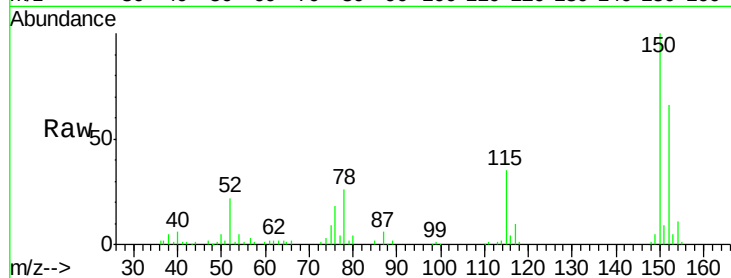
Tot Ion:152 Resp: 16758

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.8

150 159.8 0.0 342.4



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

