

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101718\
 Data File : VW006155.D
 Acq On : 18 Oct 2018 05:48
 Operator : VA/AP
 Sample : J5573-01
 Misc : 5.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0689-KM-CA-COMP

Quant Time: Nov 01 03:39:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

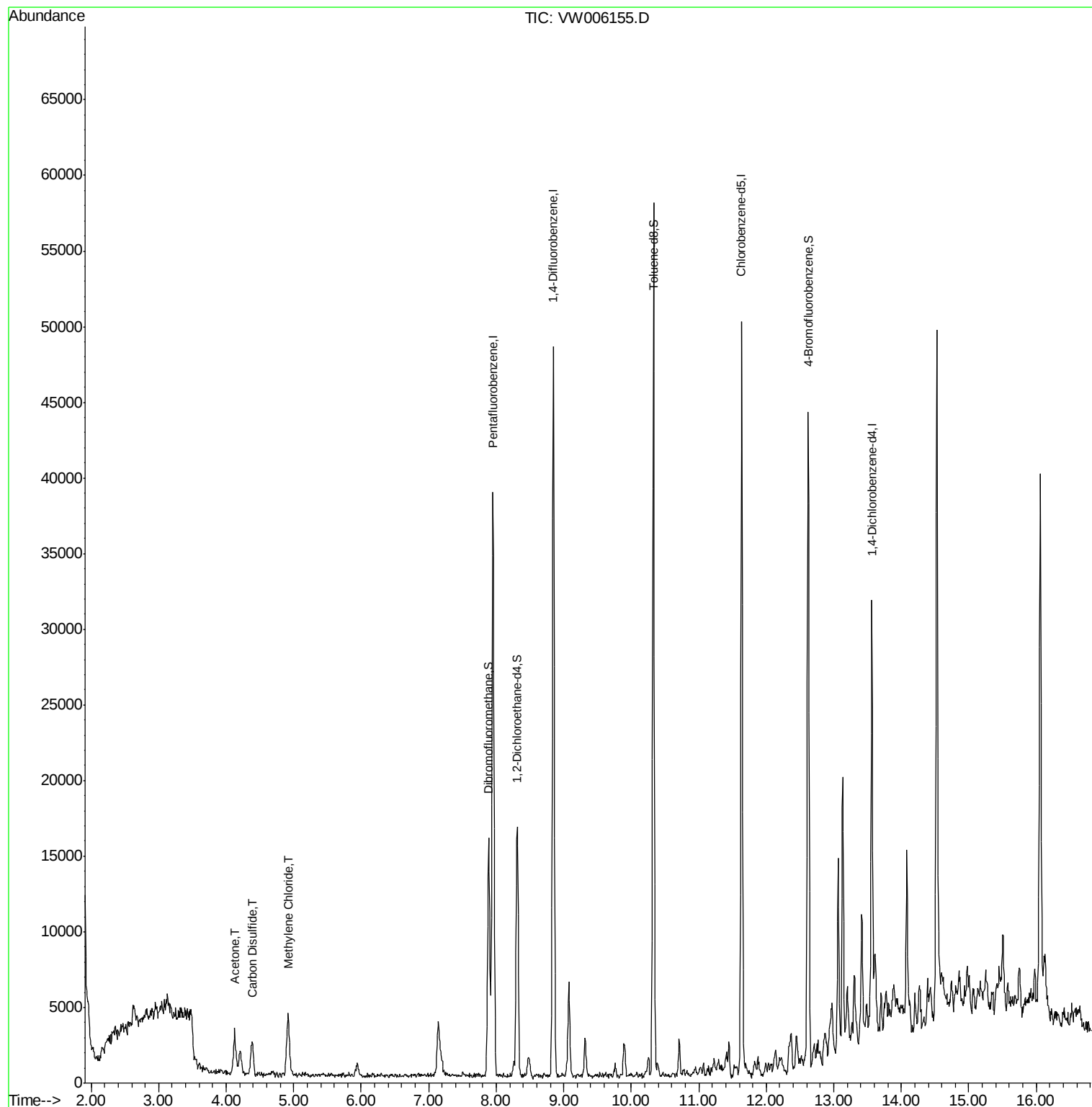
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	30640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	43129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13691	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
35) Dibromofluoromethane	7.89	113	11298	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
50) Toluene-d8	10.33	98	39192	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
62) 4-Bromofluorobenzene	12.62	95	10193	27.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.98%	
Target Compounds						
16) Acetone	4.13	43	4910	93.779	ug/l	96
17) Carbon Disulfide	4.39	76	4111	5.321	ug/l #	94
20) Methylene Chloride	4.92	84	2961	9.705	ug/l	96

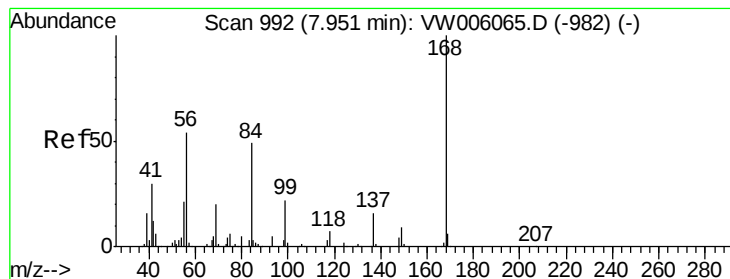
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 01 03:39:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006155.D

Acq: 18 Oct 2018 05:48

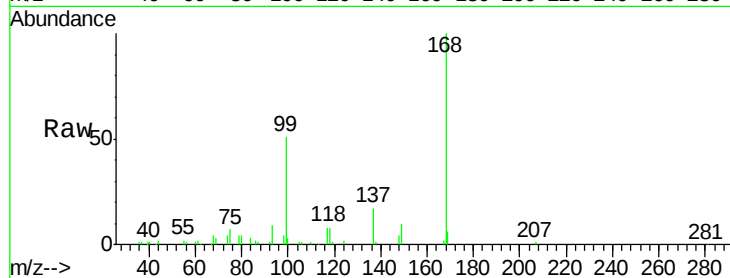
Instrument :
MSVOA_W
ClientSampleId :
0689-KM-CA-COMP

Tgt Ion:168 Resp: 30640

Ion Ratio Lower Upper

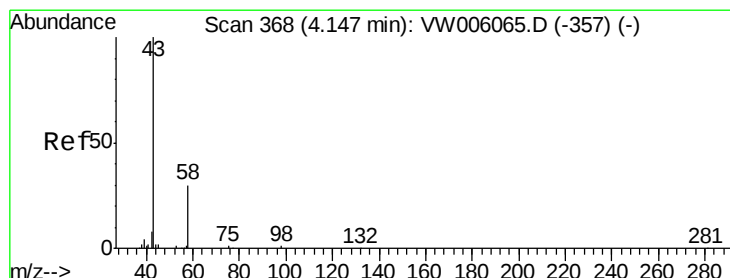
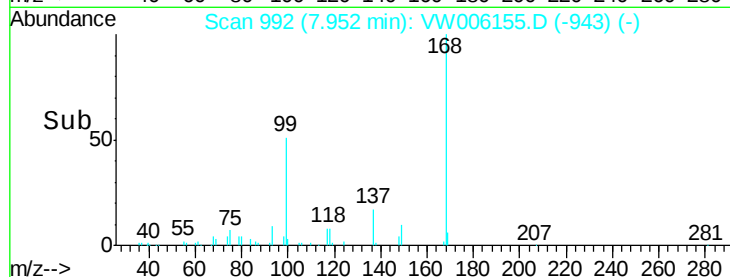
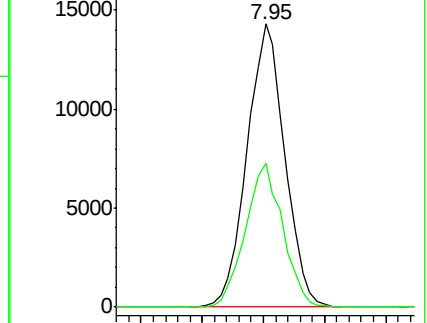
168 100

99 50.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 93.779 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006155.D

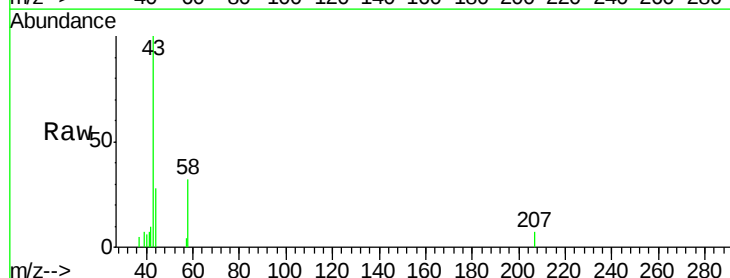
Acq: 18 Oct 2018 05:48

Tgt Ion: 43 Resp: 4910

Ion Ratio Lower Upper

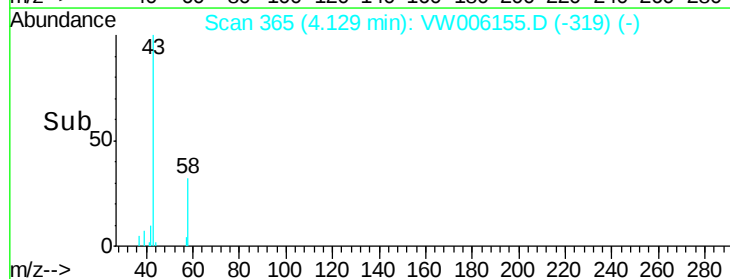
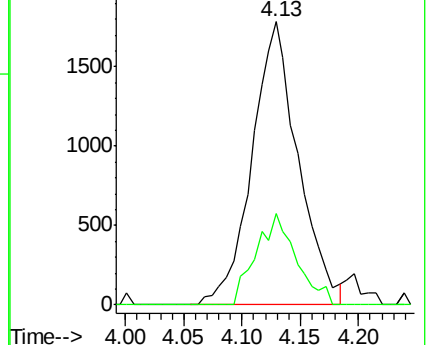
43 100

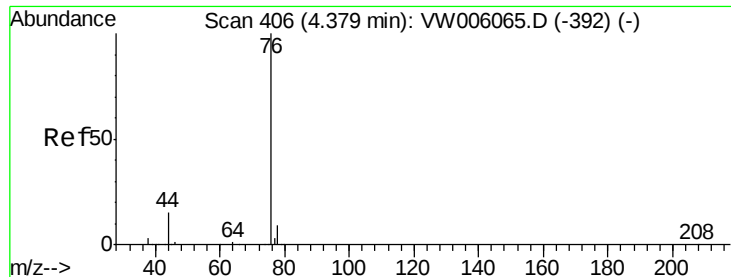
58 32.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 5.321 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW006155.D

Acq: 18 Oct 2018 05:48

Instrument :

MSVOA_W

ClientSampleId :

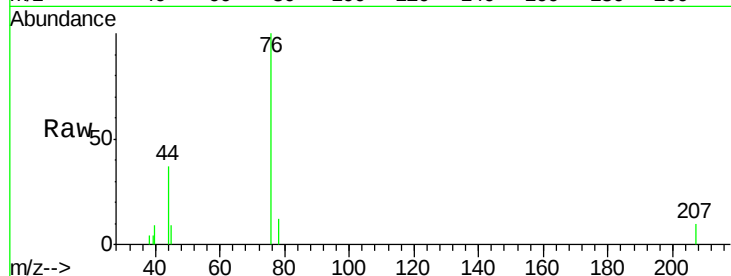
0689-KM-CA-COMP

Tgt Ion: 76 Resp: 4111

Ion Ratio Lower Upper

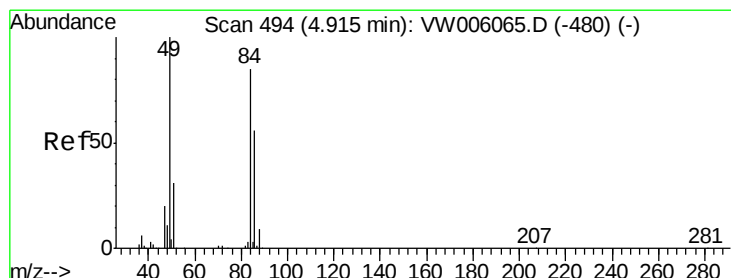
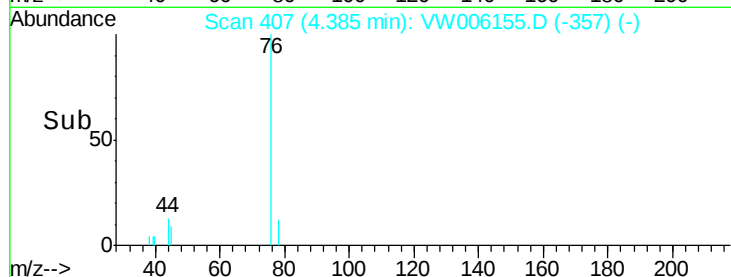
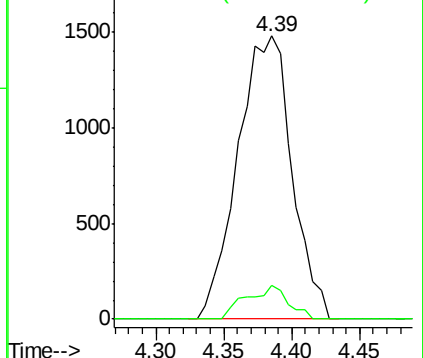
76 100

78 11.8 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 9.705 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006155.D

Acq: 18 Oct 2018 05:48

Tgt Ion: 84 Resp: 2961

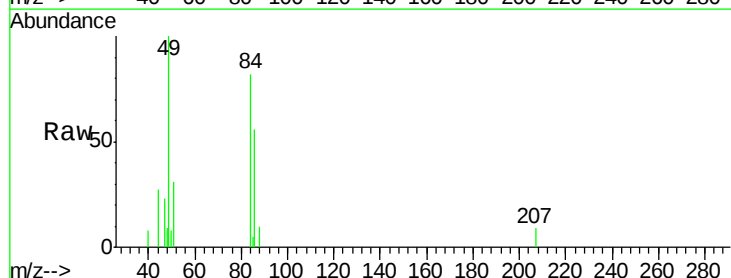
Ion Ratio Lower Upper

84 100

49 121.8 93.6 140.4

51 37.7 29.0 43.4

86 67.9 52.6 79.0

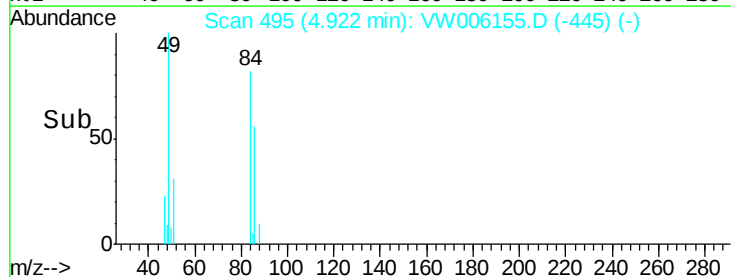
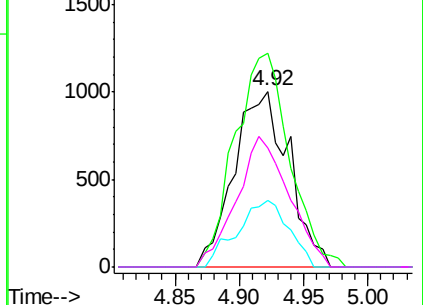


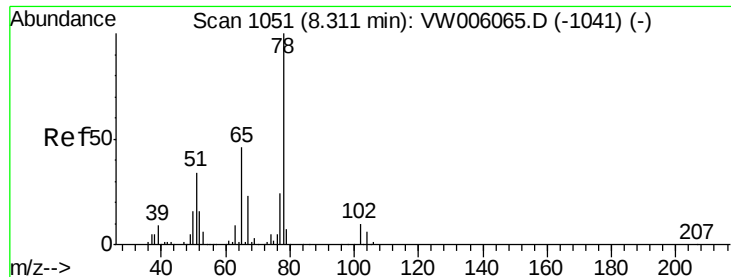
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#33

1,2-Dichloroethane-d4

Concen: 53.897 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006155.D

Acq: 18 Oct 2018 05:48

Instrument :

MSVOA_W

ClientSampleId :

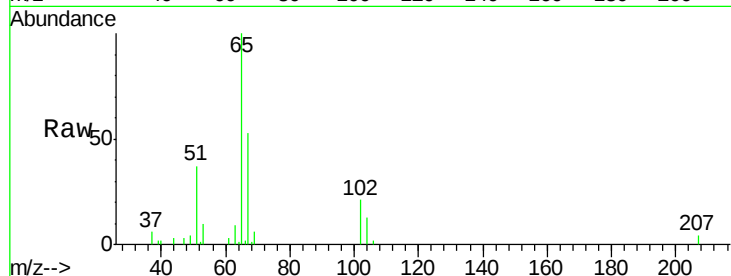
0689-KM-CA-COMP

Tgt Ion: 65 Resp: 13691

Ion Ratio Lower Upper

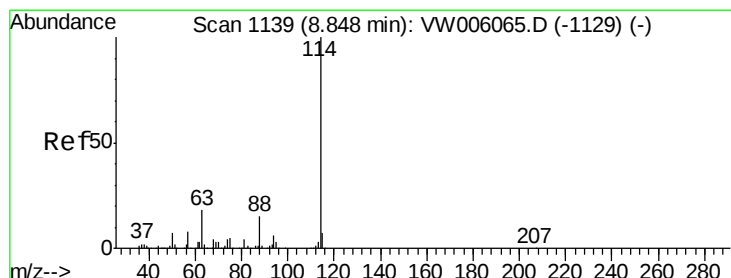
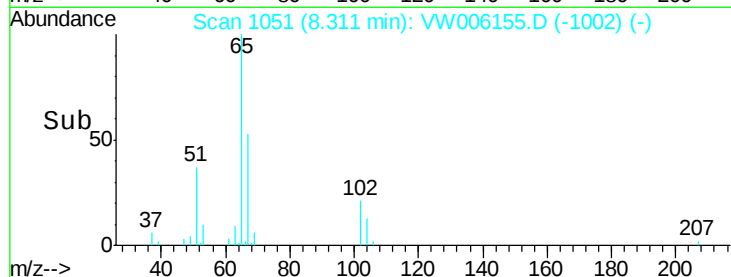
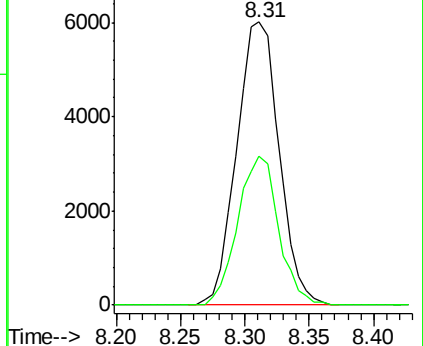
65 100

67 50.7 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006155.D

Acq: 18 Oct 2018 05:48

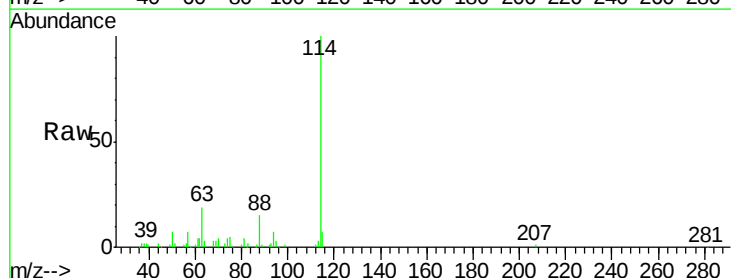
Tgt Ion: 114 Resp: 43129

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

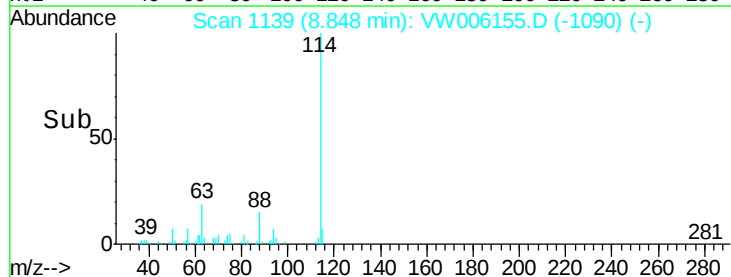
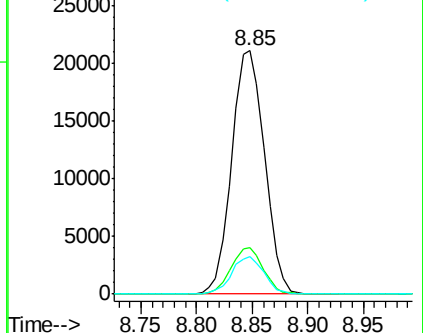
88 15.2 0.0 29.0



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

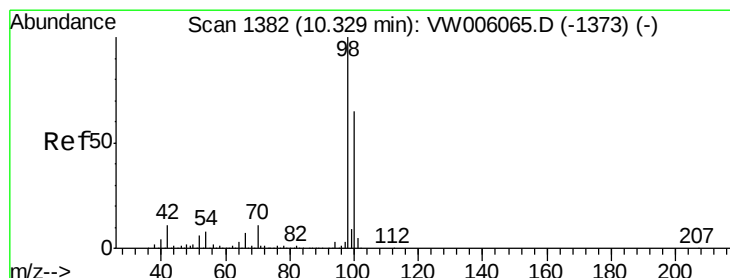
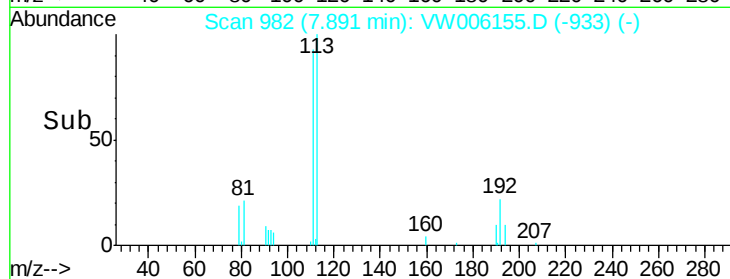
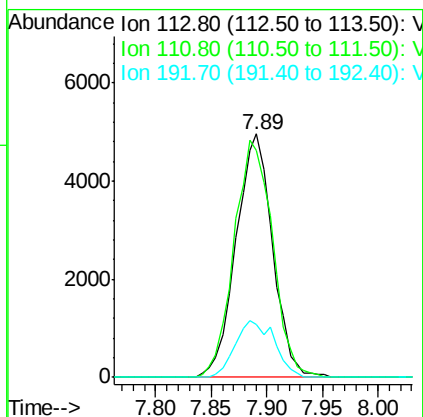
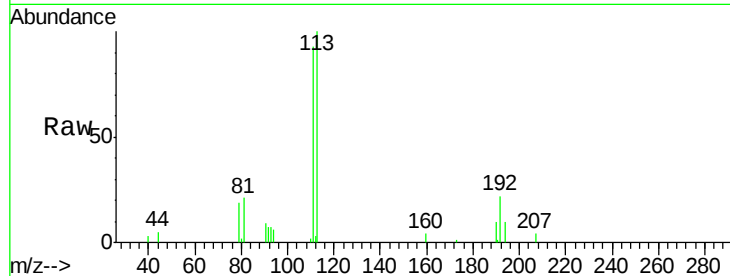




#35
Dibromofluoromethane
Concen: 44.332 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006155.D
Acq: 18 Oct 2018 05:48

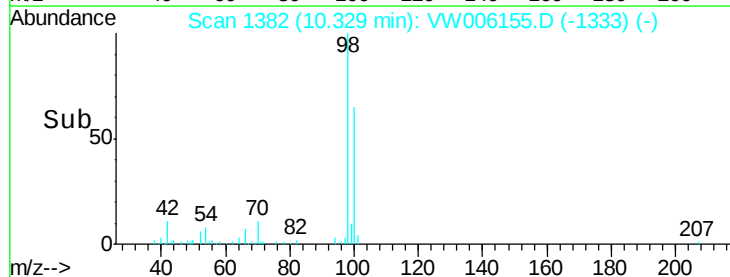
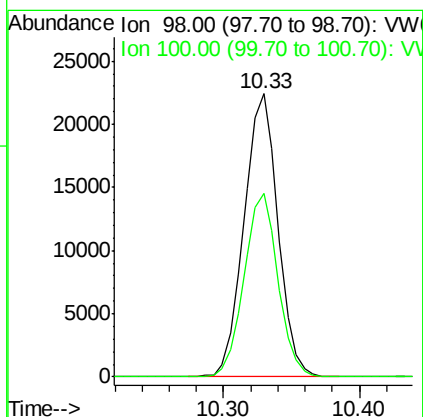
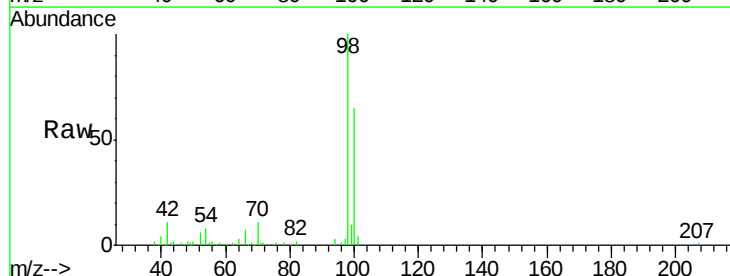
Instrument :
MSVOA_W
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0689-KM-CA-COMP

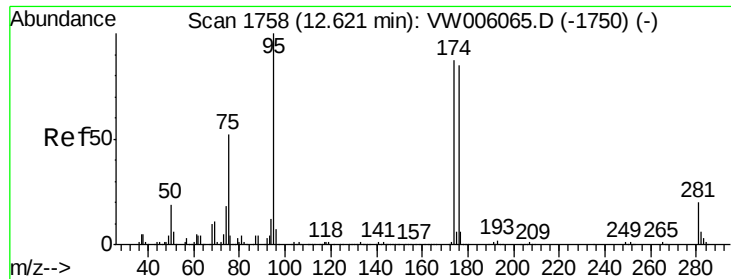
Tgt Ion: 113 Resp: 11298
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 24.9 18.7 28.1



#50
Toluene-d8
Concen: 40.422 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006155.D
Acq: 18 Oct 2018 05:48

Tgt Ion: 98 Resp: 39192
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 27.991 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006155.D

Acq: 18 Oct 2018 05:48

Instrument :

MSVOA_W

ClientSampleId :

0689-KM-CA-COMP

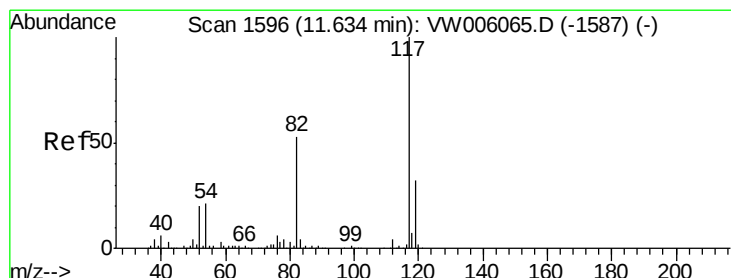
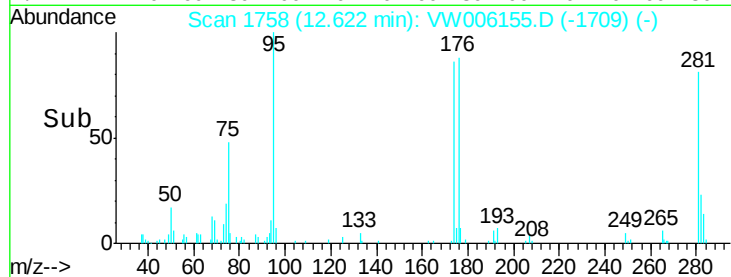
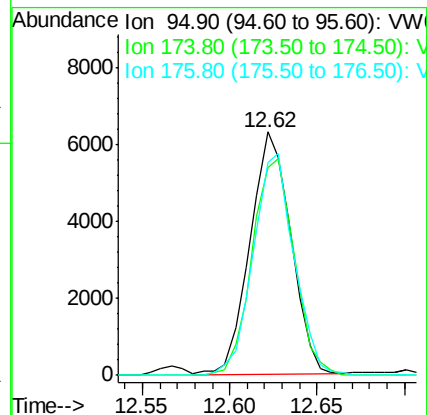
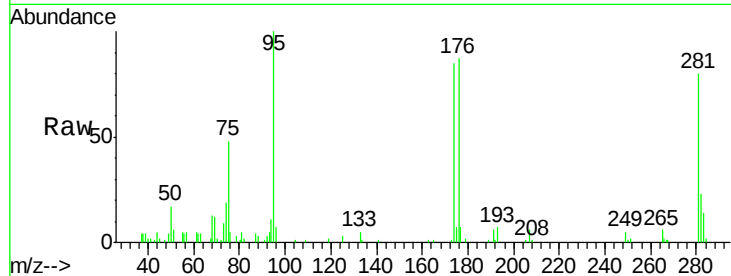
Tgt Ion: 95 Resp: 10193

Ion Ratio Lower Upper

95 100

174 91.9 0.0 186.0

176 91.9 0.0 181.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006155.D

Acq: 18 Oct 2018 05:48

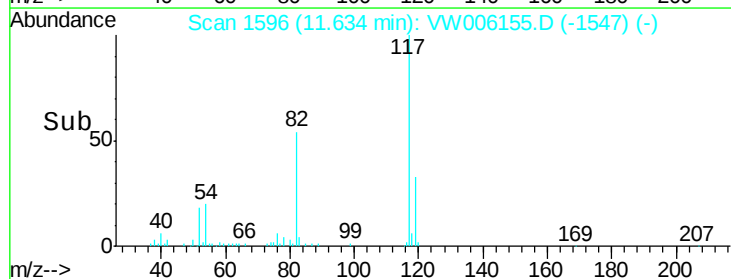
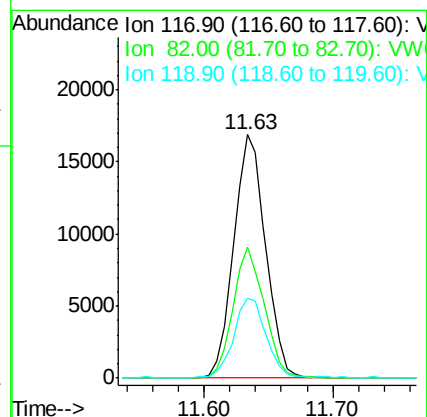
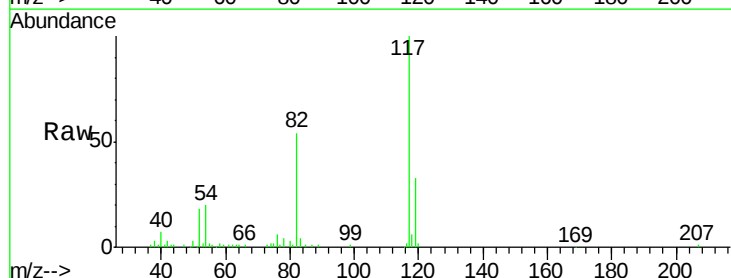
Tgt Ion: 117 Resp: 29104

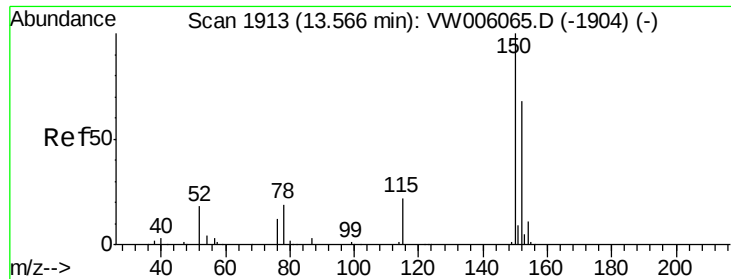
Ion Ratio Lower Upper

117 100

82 53.7 42.1 63.1

119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006155.D

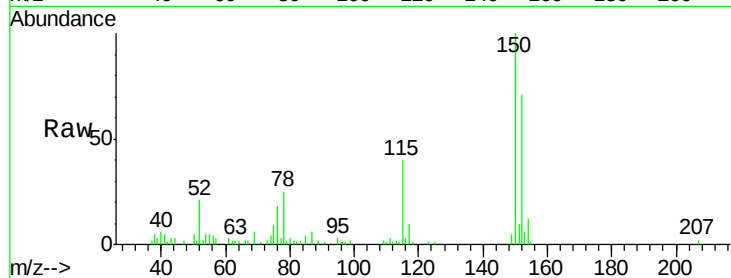
Acq: 18 Oct 2018 05:48

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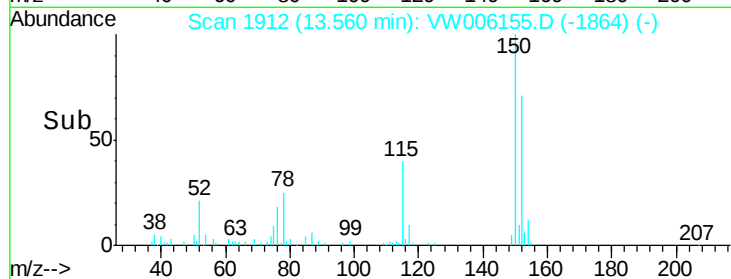
Tgt Ion:152 Resp: 8143

Ion Ratio Lower Upper

152 100

115 53.0 27.8 83.3

150 150.0 0.0 349.2



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

