

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007429.D
 Acq On : 12 Dec 2018 07:49
 Operator : SY/AP
 Sample : J6322-05
 Misc : 7.74G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-6-G-5-120718

Quant Time: Dec 12 11:20:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

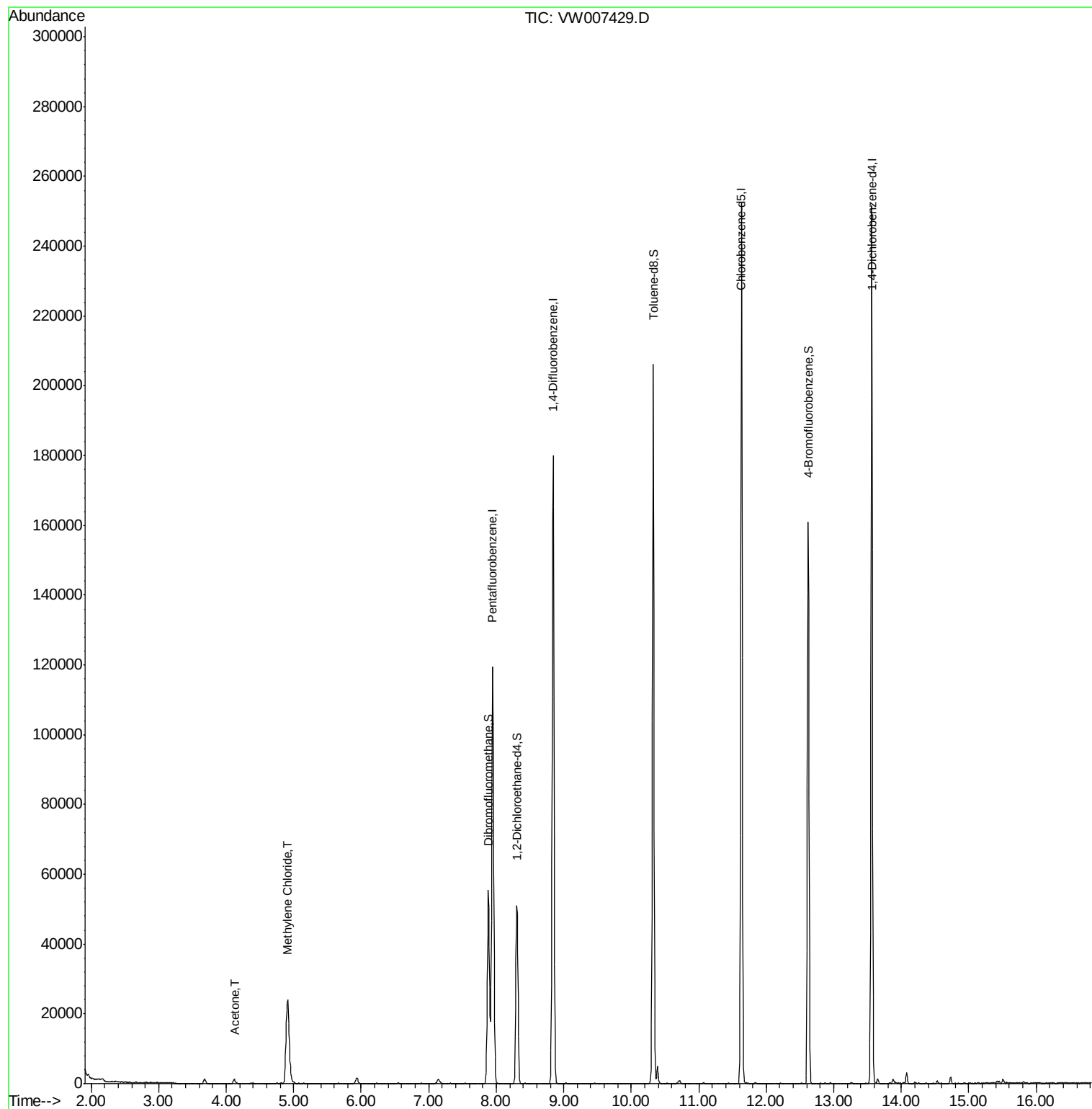
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	153167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43654	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
35) Dibromofluoromethane	7.88	113	39900	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
50) Toluene-d8	10.32	98	139730	40.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.38%	
62) 4-Bromofluorobenzene	12.62	95	53727	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.06%	
Target Compounds						
16) Acetone	4.12	43	2211	13.055	ug/l	96
20) Methylene Chloride	4.90	84	20963	20.308	ug/l	93

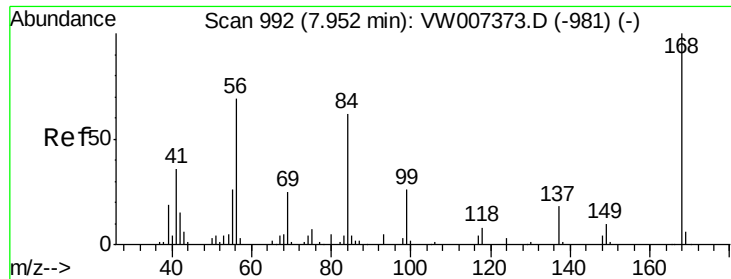
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007429.D

Acq: 12 Dec 2018 07:49

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ClientSampleId :

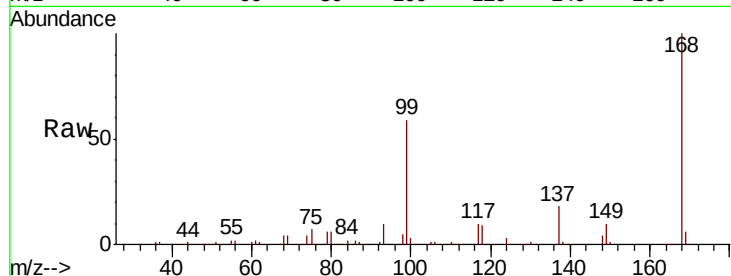
SUP-6-G-5-120718

Tot Ion:168 Resp: 87395

Ion Ratio Lower Upper

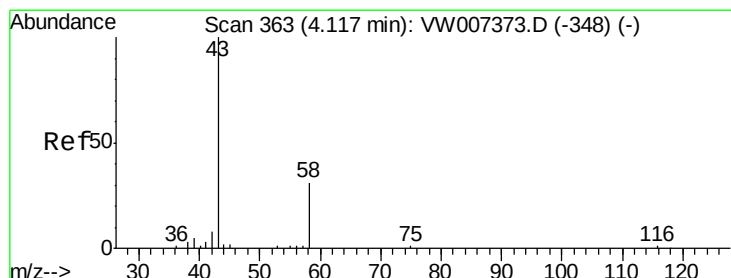
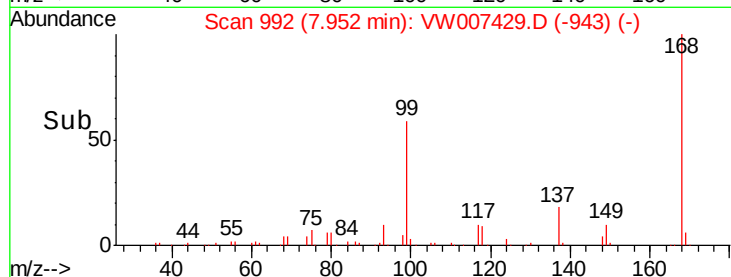
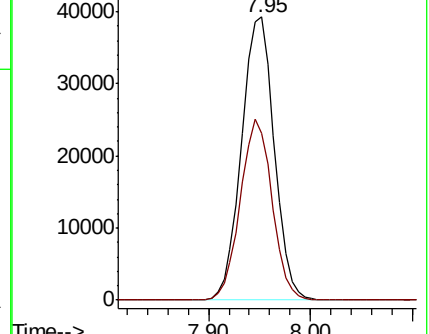
168 100

99 59.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 13.055 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007429.D

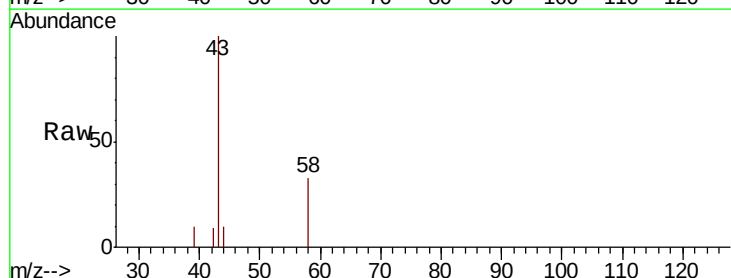
Acq: 12 Dec 2018 07:49

Tgt Ion: 43 Resp: 2211

Ion Ratio Lower Upper

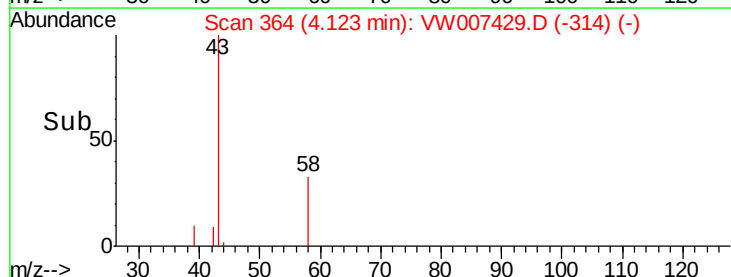
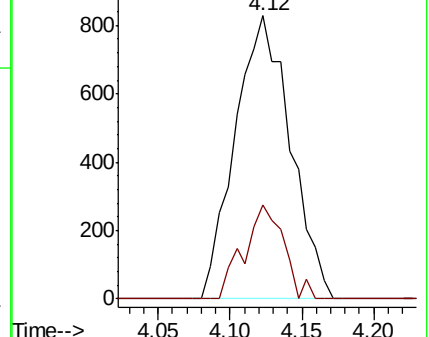
43 100

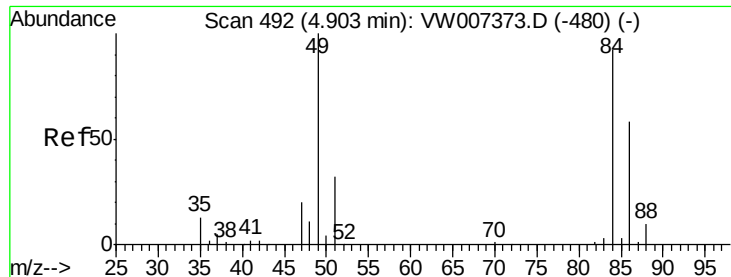
58 33.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

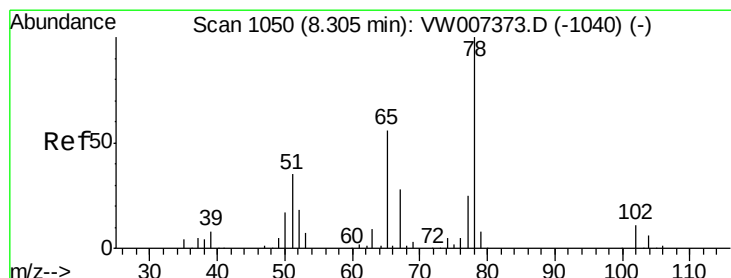
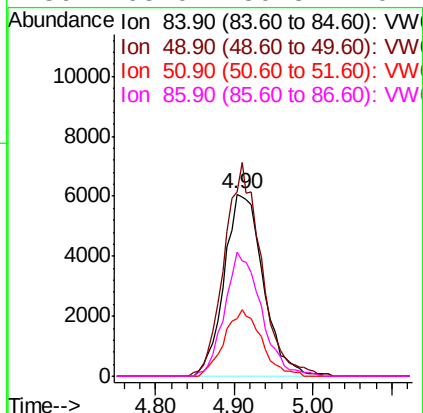
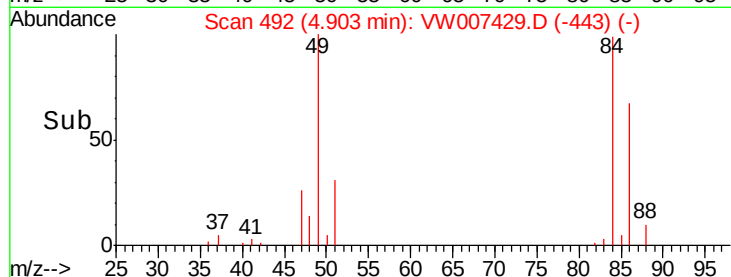
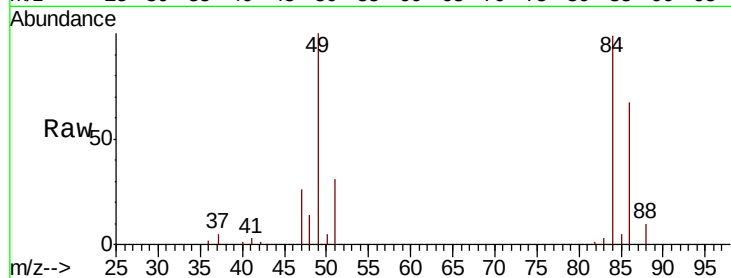




#20
Methylene Chloride
Concen: 20.308 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007429.D
Acq: 12 Dec 2018 07:49

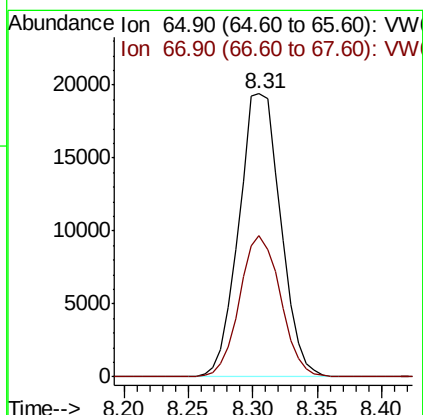
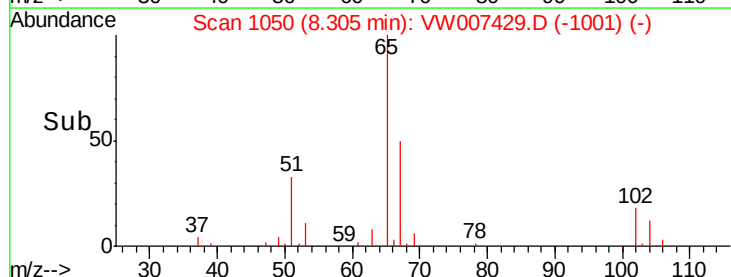
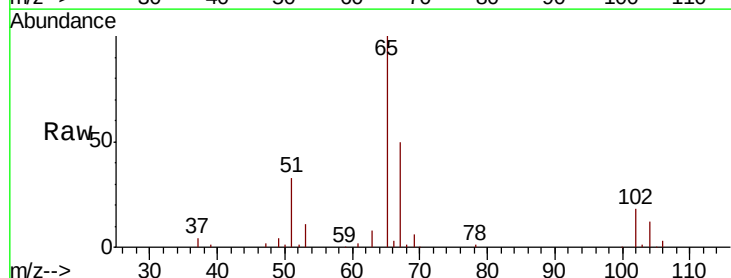
Instrument :
MSVOA_W
ClientSampleId :
SUP-6-G-5-120718

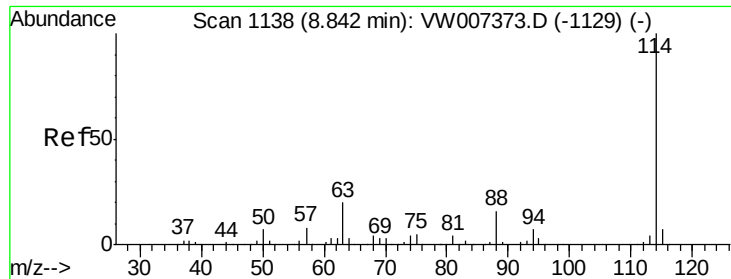
Tot Ion: 84 Resp: 20963
Ion Ratio Lower Upper
84 100
49 101.0 87.1 130.7
51 31.7 28.2 42.2
86 68.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 45.024 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007429.D
Acq: 12 Dec 2018 07:49

Tgt Ion: 65 Resp: 43654
Ion Ratio Lower Upper
65 100
67 48.6 0.0 101.6

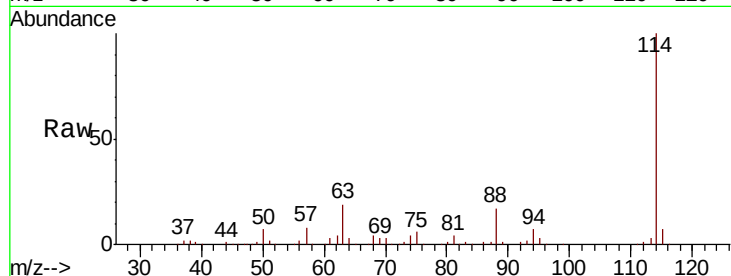




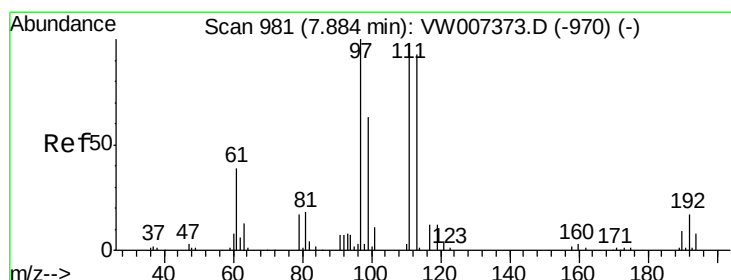
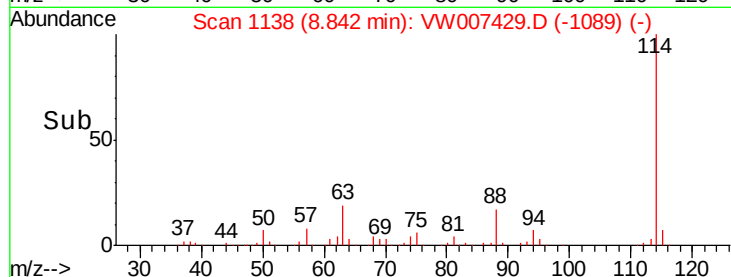
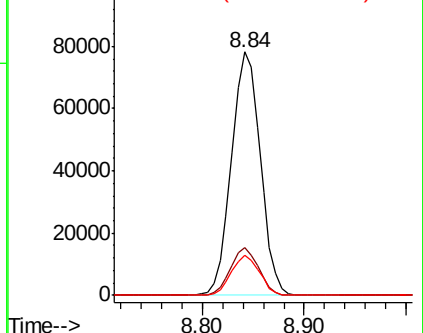
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007429.D
 Acq: 12 Dec 2018 07:49

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-6-G-5-120718

Tot Ion:114 Resp: 153167
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 16.6 0.0 31.4

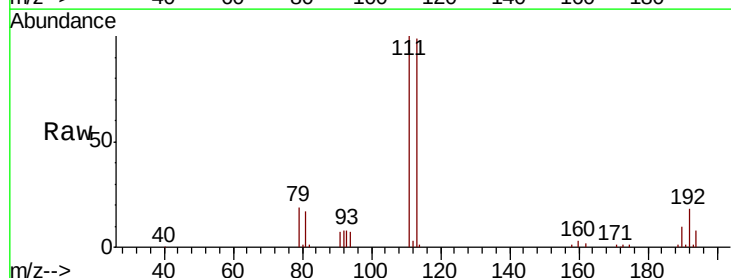


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

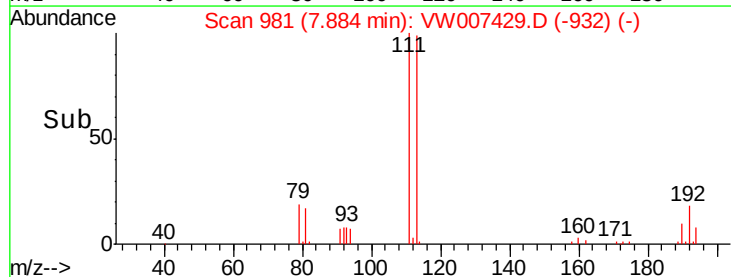
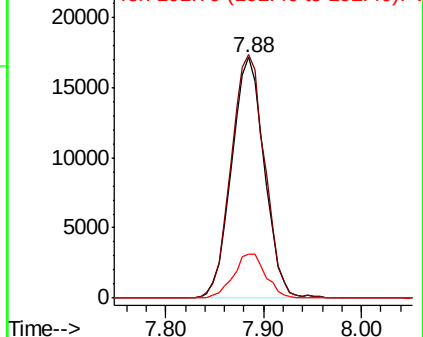


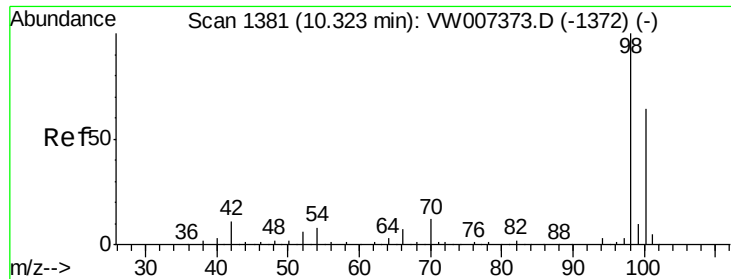
#35
 Dibromofluoromethane
 Concen: 43.034 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007429.D
 Acq: 12 Dec 2018 07:49

Tgt Ion:113 Resp: 39900
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.1 121.7
 192 18.0 14.6 21.8



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: 40.194 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

Instrument :

MSVOA_W

ClientSampleId :

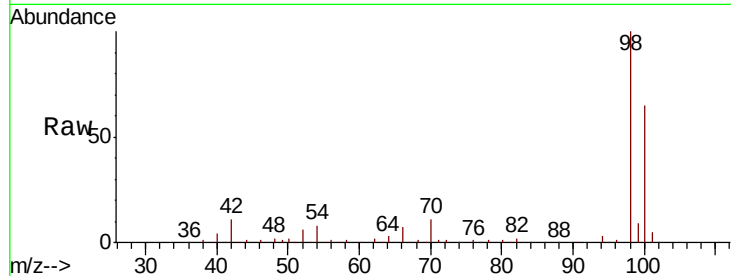
SUP-6-G-5-120718

Tot Ion: 98 Resp: 139730

Ion Ratio Lower Upper

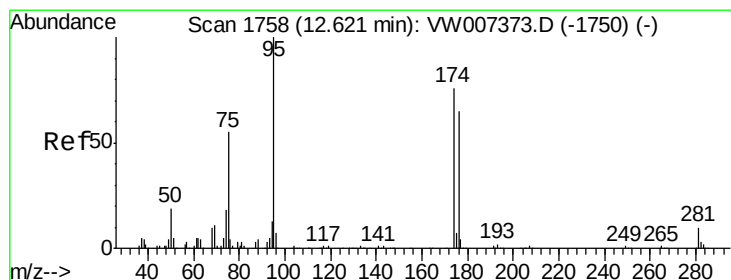
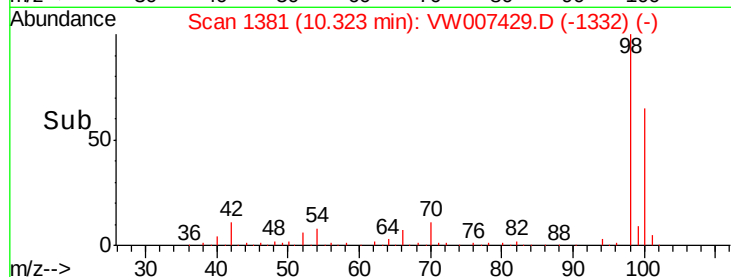
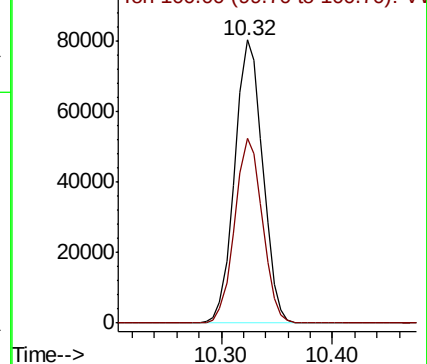
98 100

100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.034 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

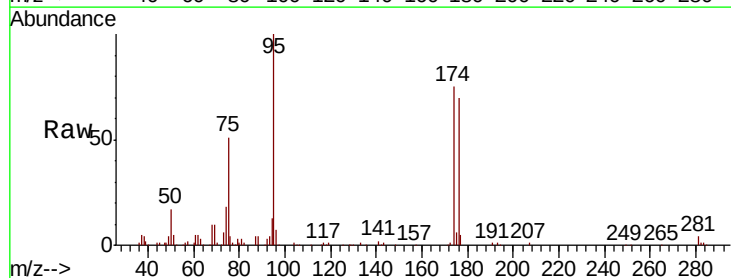
Tgt Ion: 95 Resp: 53727

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

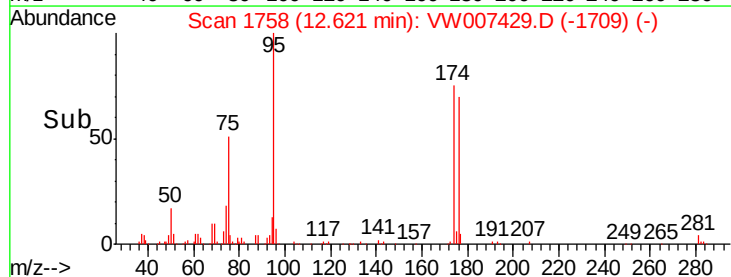
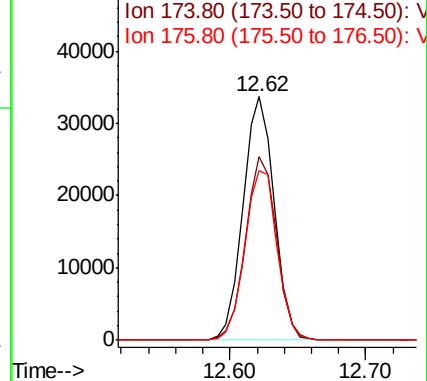
176 72.3 0.0 138.8

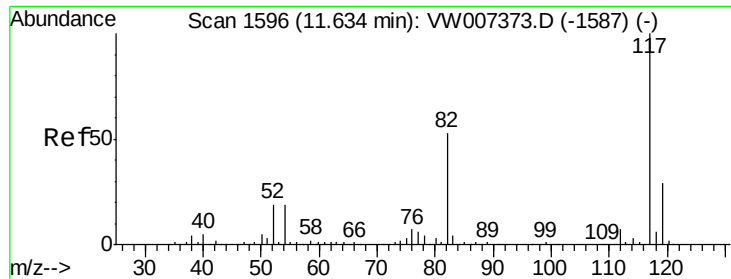


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

Instrument :

MSVOA_W

ClientSampleId :

SUP-6-G-5-120718

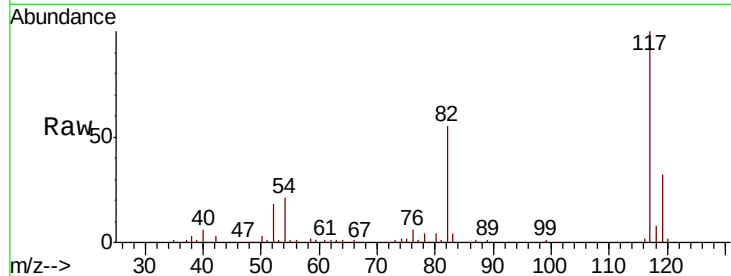
Tot Ion:117 Resp: 137828

Ion Ratio Lower Upper

117 100

82 54.7 42.3 63.5

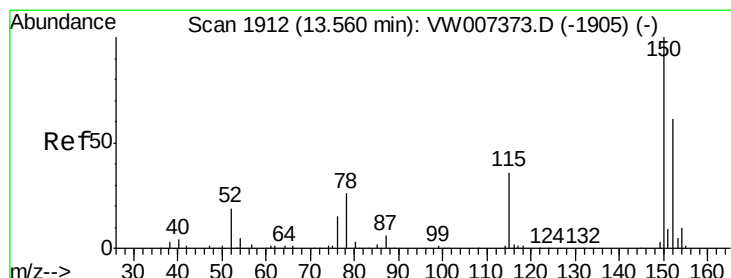
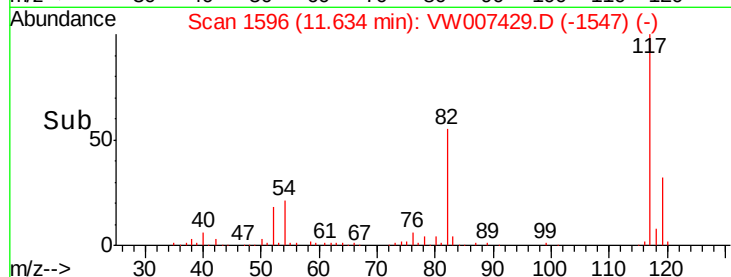
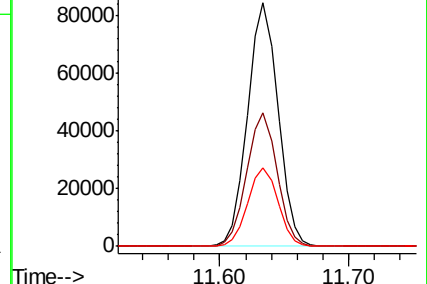
119 32.1 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007429.D

Acq: 12 Dec 2018 07:49

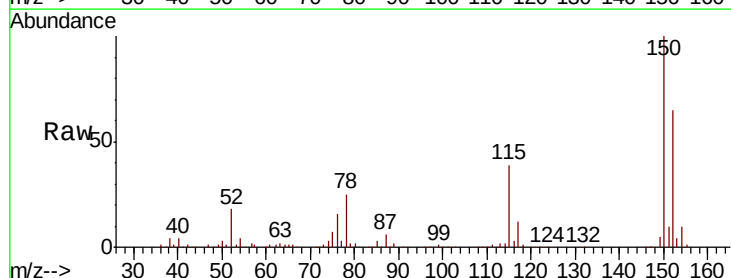
Tgt Ion:152 Resp: 65495

Ion Ratio Lower Upper

152 100

115 62.4 31.4 94.2

150 157.9 0.0 358.4



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

