

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007427.D
 Acq On : 12 Dec 2018 06:57
 Operator : SY/AP
 Sample : J6322-03
 Misc : 6.41G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-6-G-3-120618

Quant Time: Dec 12 07:20:09 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

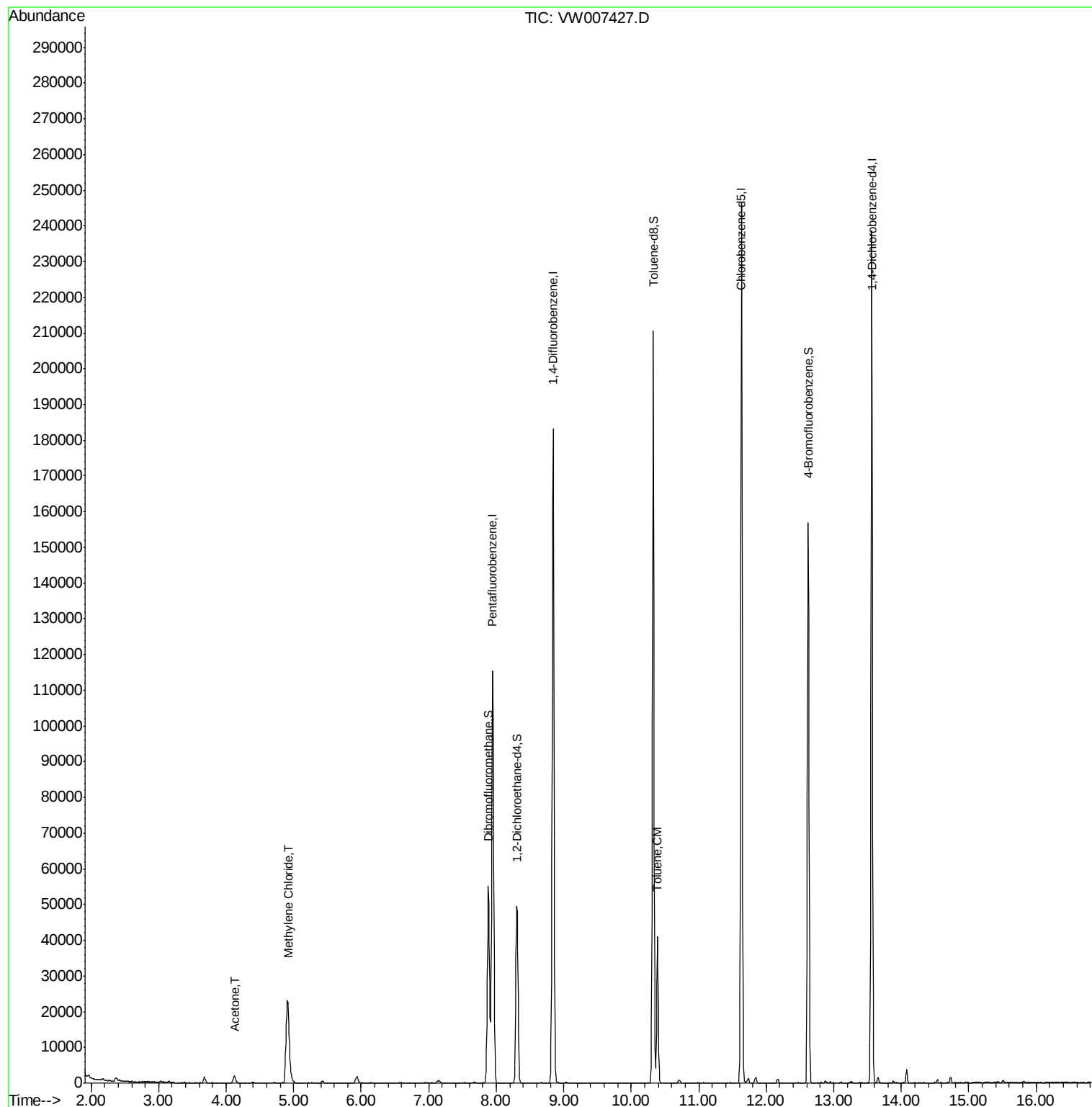
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	152746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40855	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
35) Dibromofluoromethane	7.88	113	39462	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.36%	
50) Toluene-d8	10.32	98	138233	39.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.74%	
62) 4-Bromofluorobenzene	12.62	95	51774	40.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.24%	
Target Compounds						
16) Acetone	4.13	43	3626	22.230	ug/l	91
20) Methylene Chloride	4.92	84	19792	19.824	ug/l	96
52) Toluene	10.39	92	17191	6.870	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007427.D

Acq: 12 Dec 2018 06:57

Instrument :

MSVOA_W

ClientSampleId :

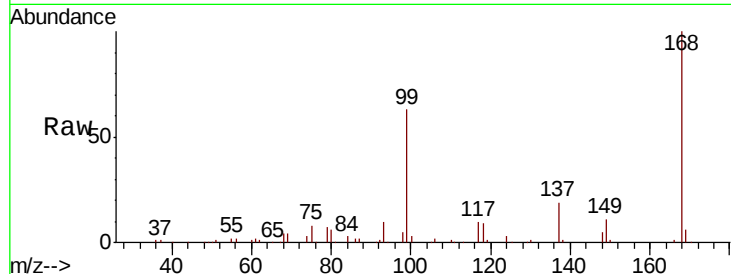
SUP-6-G-3-120618

Tot Ion:168 Resp: 84173

Ion Ratio Lower Upper

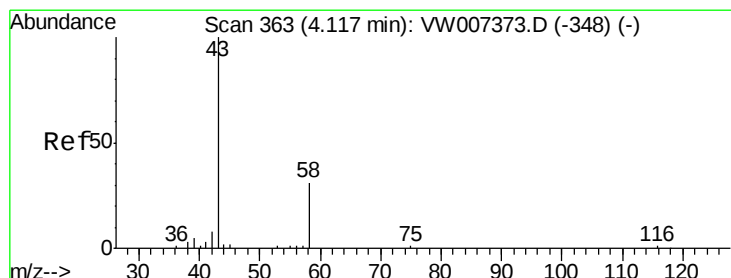
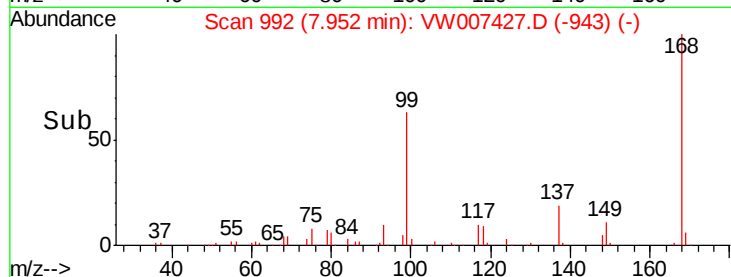
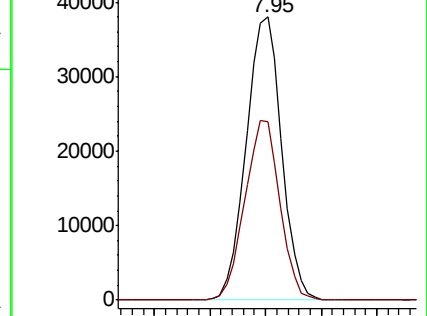
168 100

99 62.9 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: 22.230 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007427.D

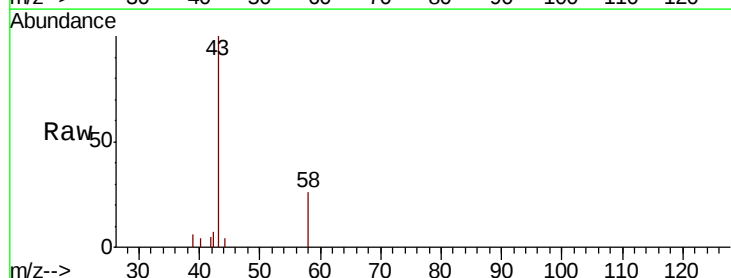
Acq: 12 Dec 2018 06:57

Tgt Ion: 43 Resp: 3626

Ion Ratio Lower Upper

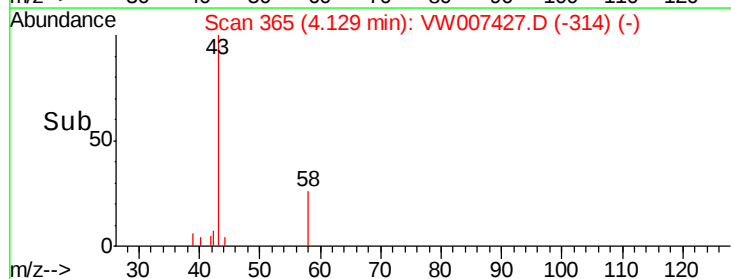
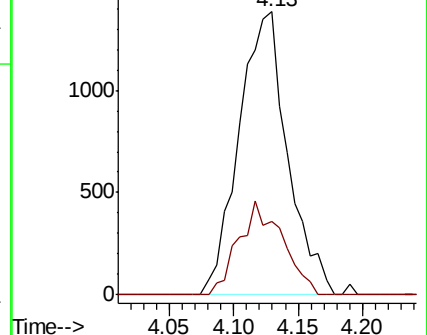
43 100

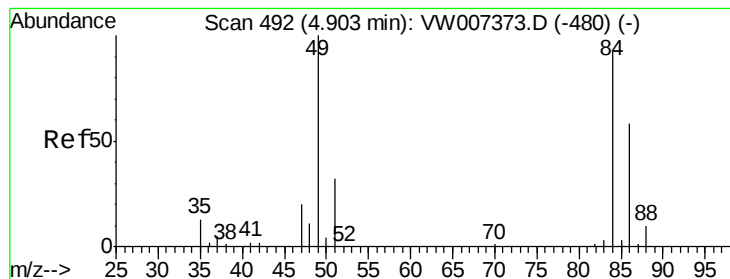
58 26.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 19.824 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007427.D

Acq: 12 Dec 2018 06:57

Instrument :

MSVOA_W

ClientSampleId :

SUP-6-G-3-120618

Tot Ion: 84 Resp: 19792

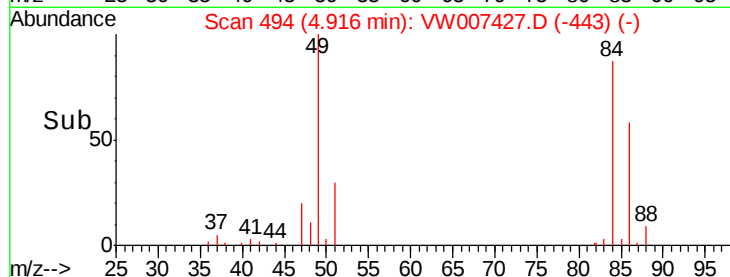
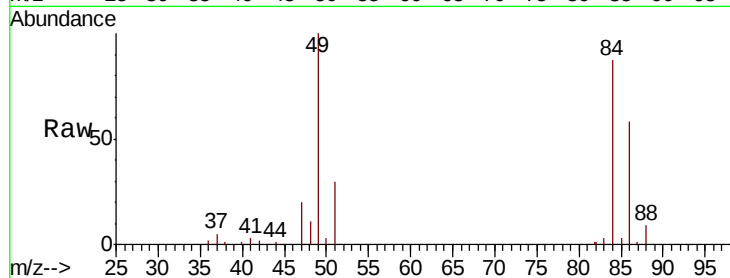
Ion Ratio Lower Upper

84 100

49 115.0 87.1 130.7

51 34.5 28.2 42.2

86 66.2 50.8 76.2



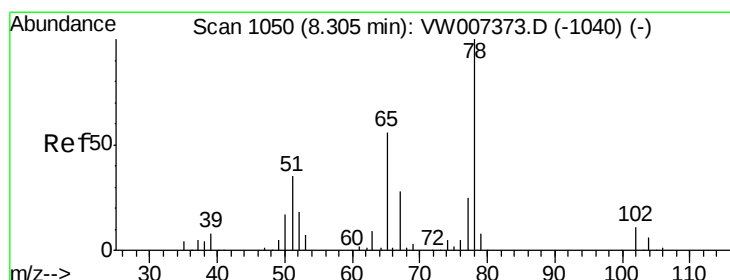
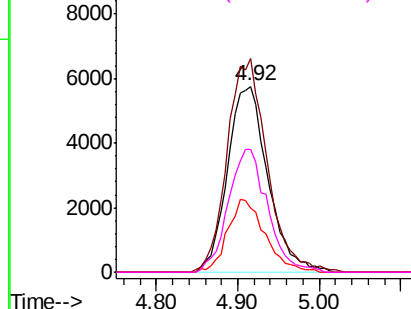
Abundance

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: 43.750 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007427.D

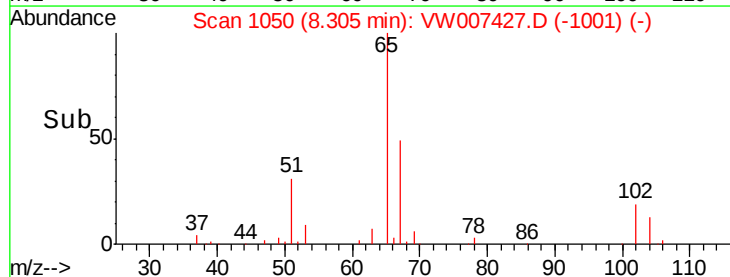
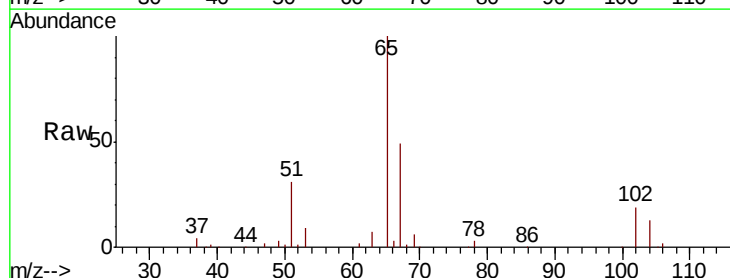
Acq: 12 Dec 2018 06:57

Tgt Ion: 65 Resp: 40855

Ion Ratio Lower Upper

65 100

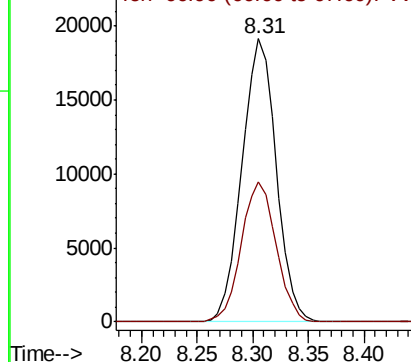
67 50.2 0.0 101.6

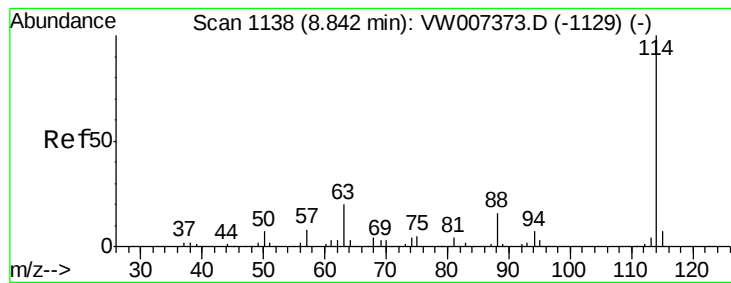


Abundance

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: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007427.D

Acq: 12 Dec 2018 06:57

Instrument :

MSVOA_W

ClientSampleId :

SUP-6-G-3-120618

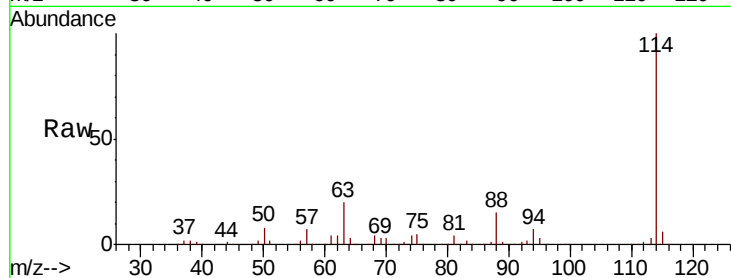
Tot Ion:114 Resp: 152746

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

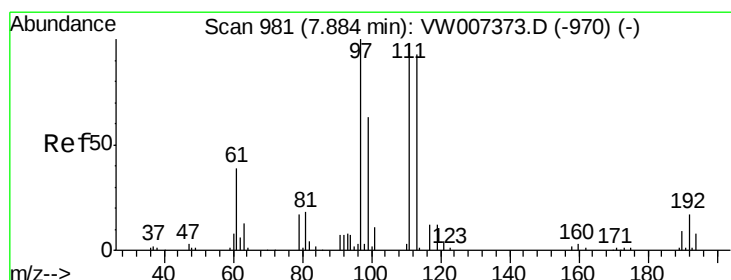
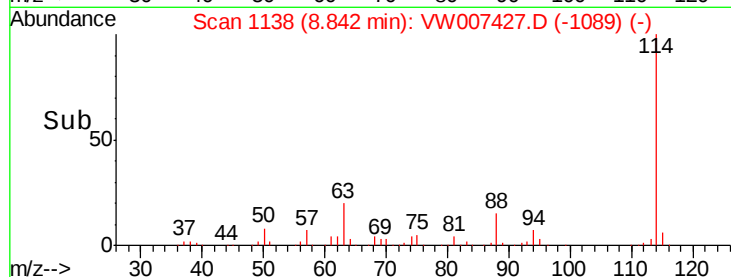
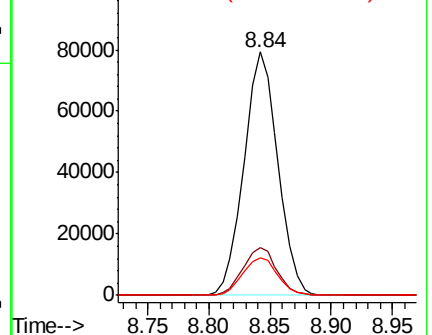
88 15.5 0.0 31.4



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: 42.679 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007427.D

Acq: 12 Dec 2018 06:57

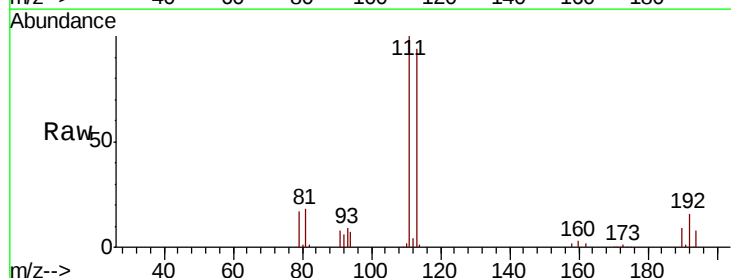
Tgt Ion:113 Resp: 39462

Ion Ratio Lower Upper

113 100

111 104.1 81.1 121.7

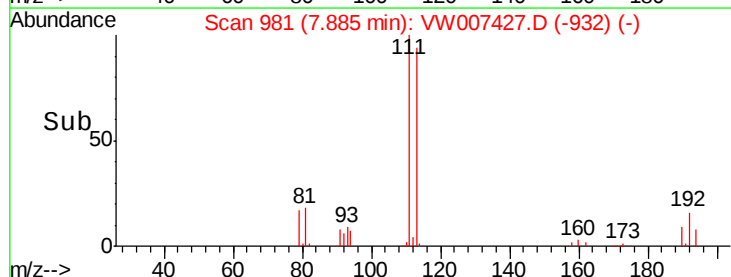
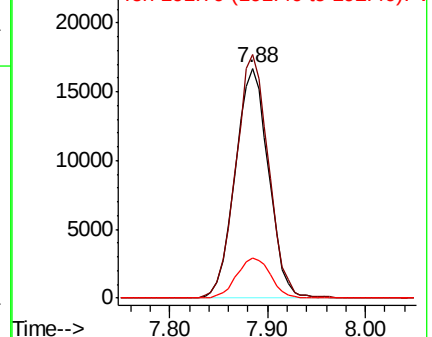
192 17.7 14.6 21.8

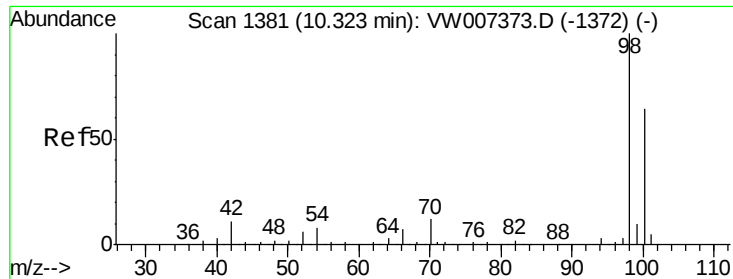


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

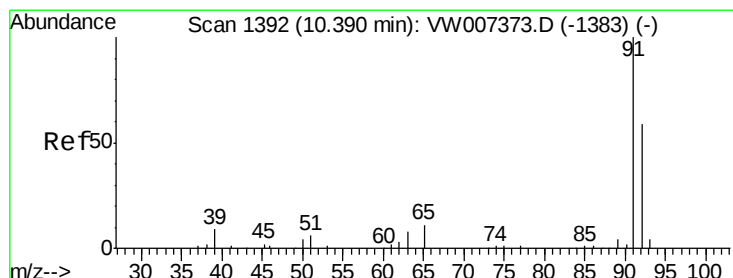
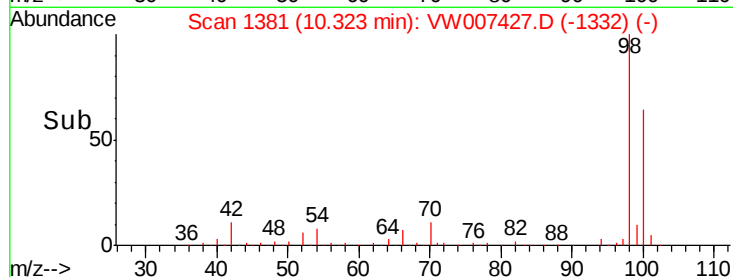
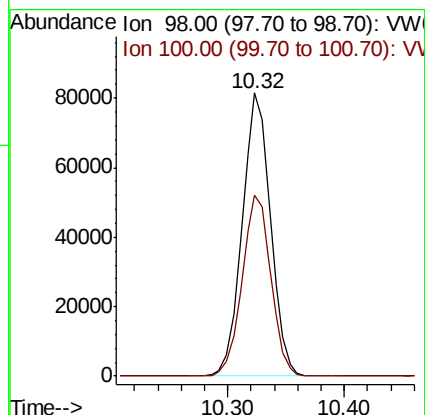
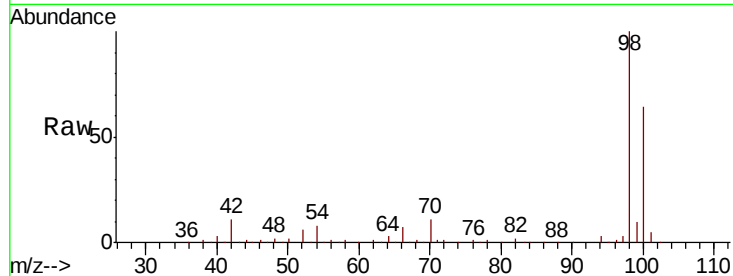




#50
Toluene-d8
Concen: 39.873 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007427.D
Acq: 12 Dec 2018 06:57

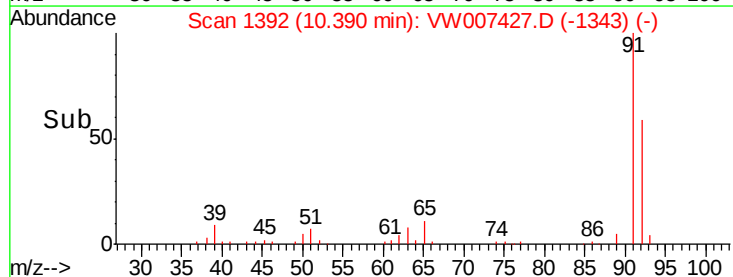
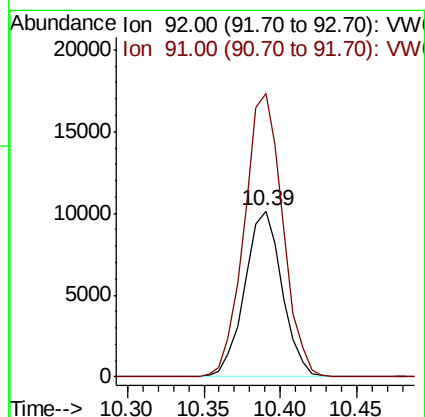
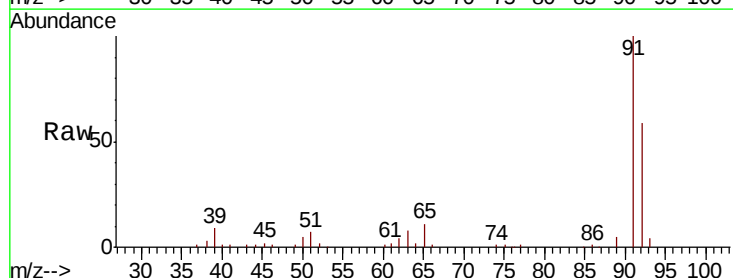
Instrument :
MSVOA_W
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SUP-6-G-3-120618

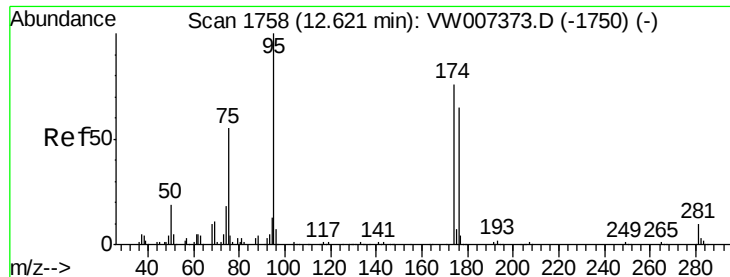
Tot Ion: 98 Resp: 138233
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8



#52
Toluene
Concen: 6.870 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007427.D
Acq: 12 Dec 2018 06:57

Tgt Ion: 92 Resp: 17191
Ion Ratio Lower Upper
92 100
91 175.6 136.2 204.2





#62

4-Bromofluorobenzene

Concen: 40.617 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007427.D

Acq: 12 Dec 2018 06:57

Instrument :

MSVOA_W

ClientSampleId :

SUP-6-G-3-120618

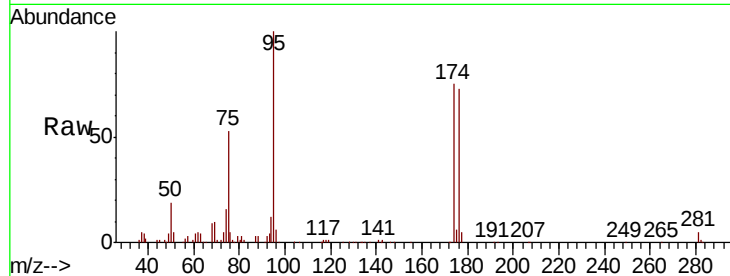
Tot Ion: 95 Resp: 51774

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

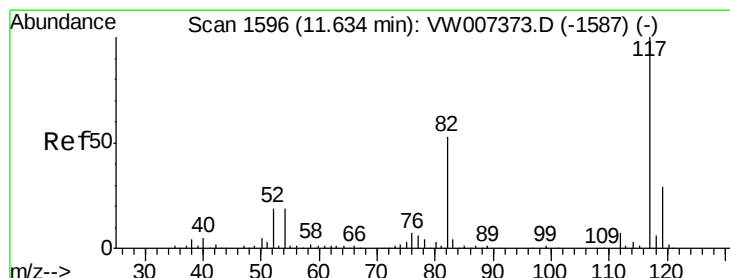
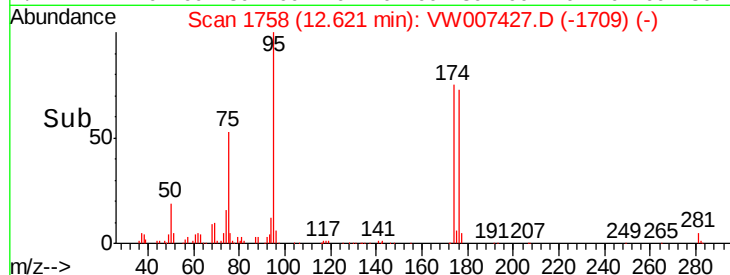
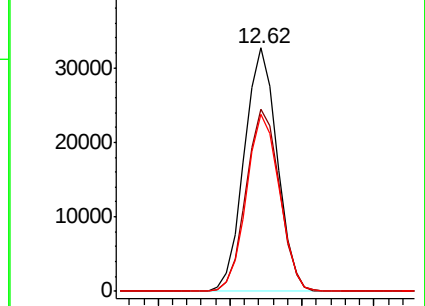
176 72.9 0.0 138.8



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# 1596

Delta R.T. 0.00 min

Lab File: VW007427.D

Acq: 12 Dec 2018 06:57

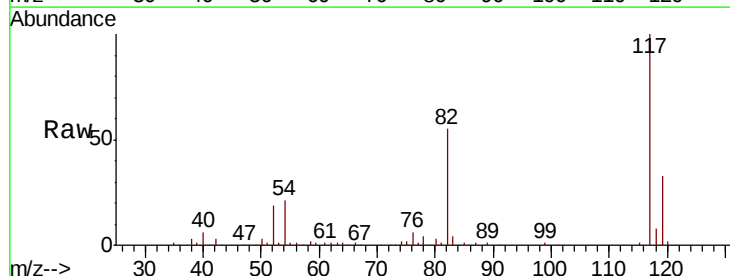
Tgt Ion: 117 Resp: 136625

Ion Ratio Lower Upper

117 100

82 54.7 42.3 63.5

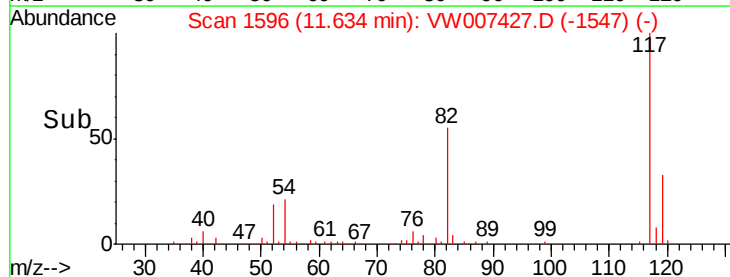
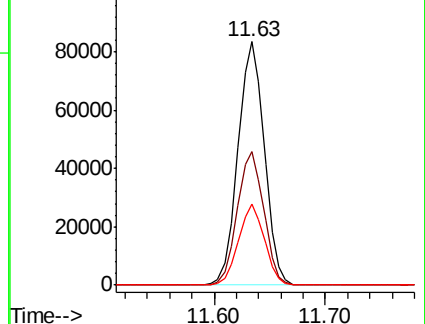
119 33.3 23.0 34.6

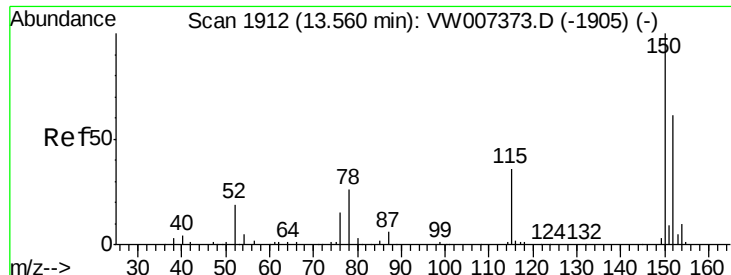


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007427.D
 Acq: 12 Dec 2018 06:57

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-6-G-3-120618

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.4	94.2
150	158.1	0.0	358.4

