

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007426.D
 Acq On : 12 Dec 2018 06:31
 Operator : SY/AP
 Sample : J6322-02
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-6-G-2-120618

Quant Time: Dec 12 07:16:49 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

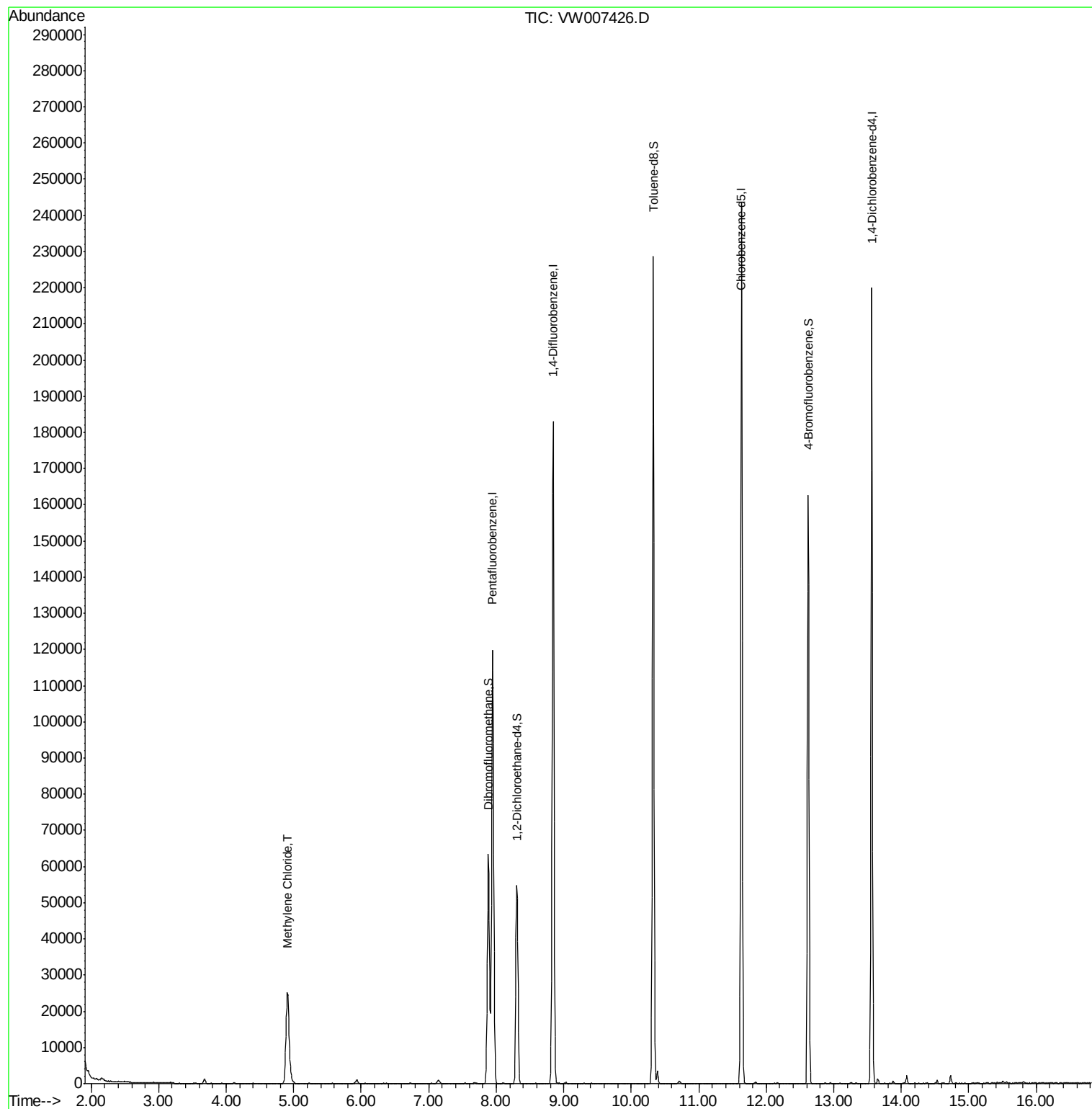
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46994	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	7.88	113	45803	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	10.32	98	152934	43.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.12%	
62) 4-Bromofluorobenzene	12.62	95	55113	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
Target Compounds						
20) Methylene Chloride	4.91	84	21325	20.674	ug/l	Qvalue 98

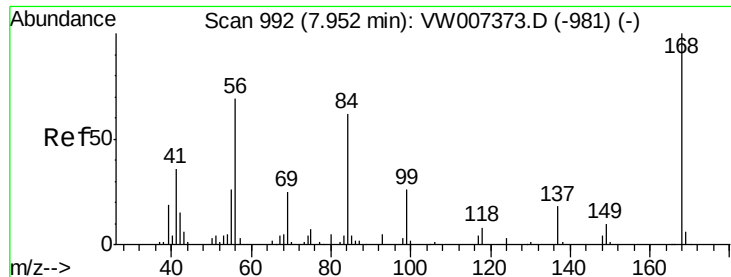
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121318\
Data File : VW007426.D
Acq On : 12 Dec 2018 06:31
Operator : SY/AP
Sample : J6322-02
Misc : 7.06G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SUP-6-G-2-120618

Quant Time: Dec 12 07:16:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
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# 991

Delta R.T. -0.01 min

Lab File: VW007426.D

Acq: 12 Dec 2018 06:31

Instrument :

MSVOA_W

ClientSampleId :

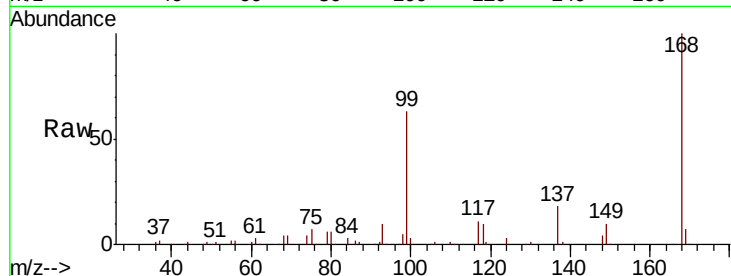
SUP-6-G-2-120618

Tot Ion:168 Resp: 87601

Ion Ratio Lower Upper

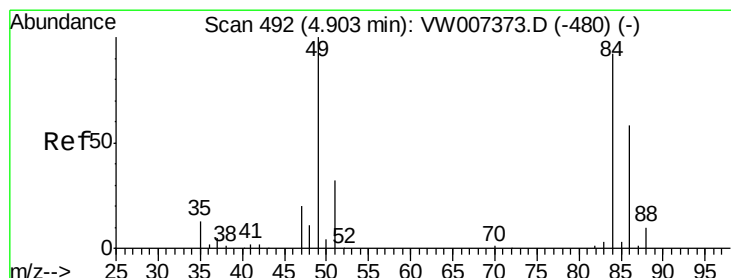
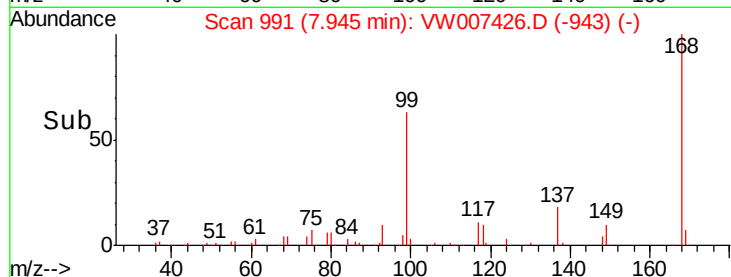
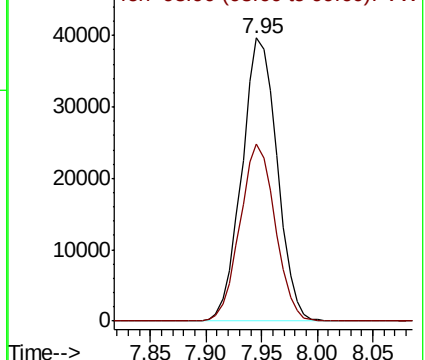
168 100

99 62.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 20.674 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007426.D

Acq: 12 Dec 2018 06:31

Tgt Ion: 84 Resp: 21325

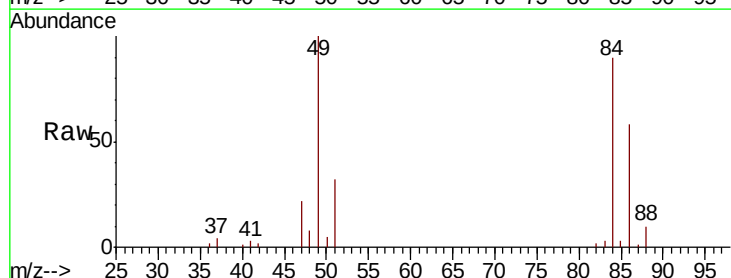
Ion Ratio Lower Upper

84 100

49 111.3 87.1 130.7

51 35.3 28.2 42.2

86 64.7 50.8 76.2

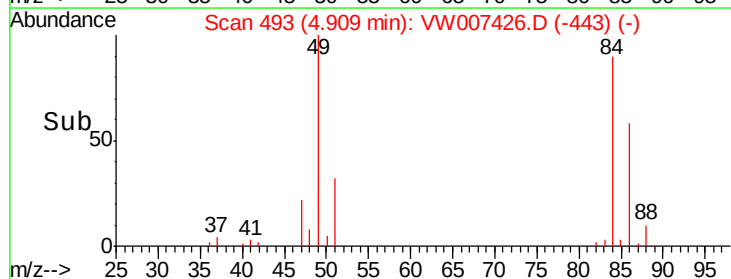
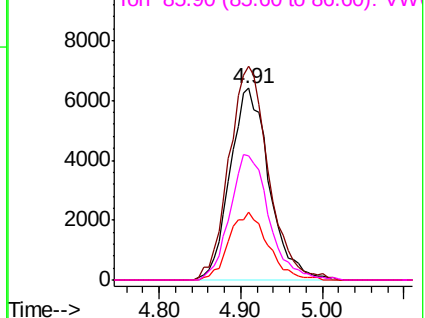


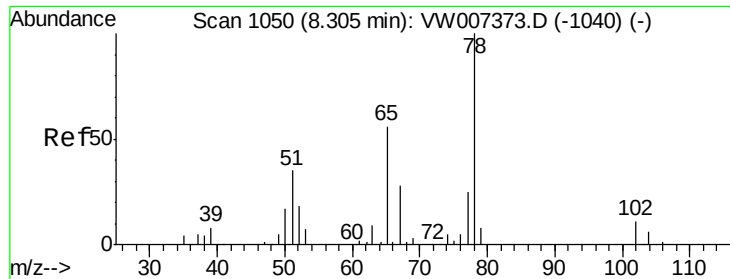
Abundance Ion 83.90 (83.60 to 84.60): VW

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

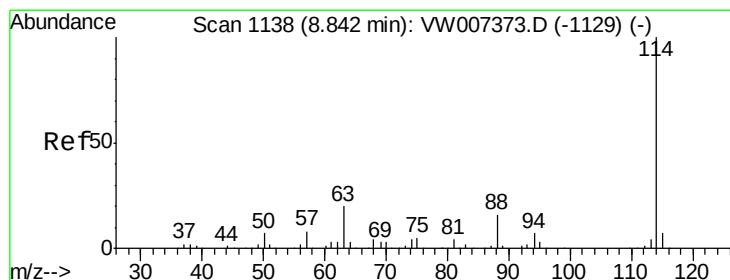
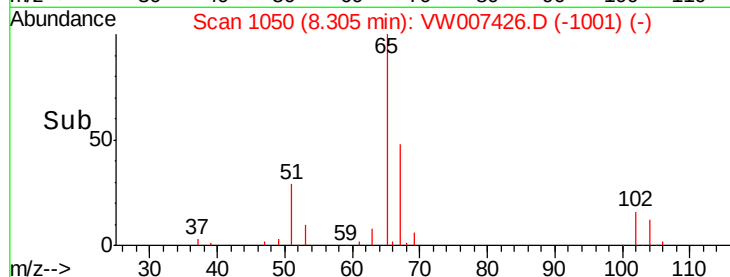
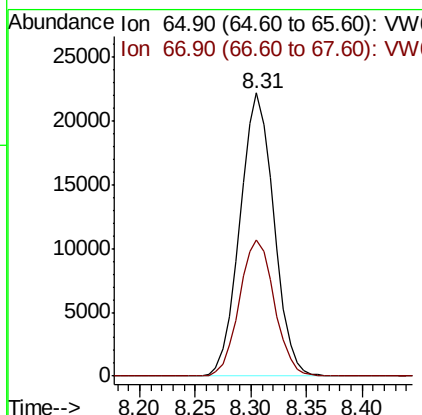
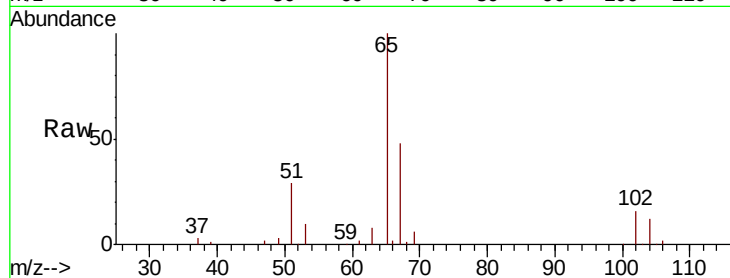




#33
 1,2-Dichloroethane-d4
 Concen: 48.355 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007426.D
 Acq: 12 Dec 2018 06:31

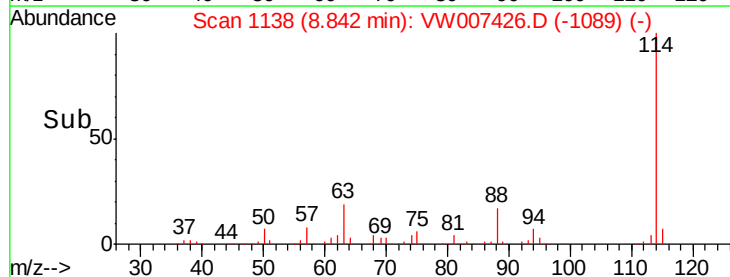
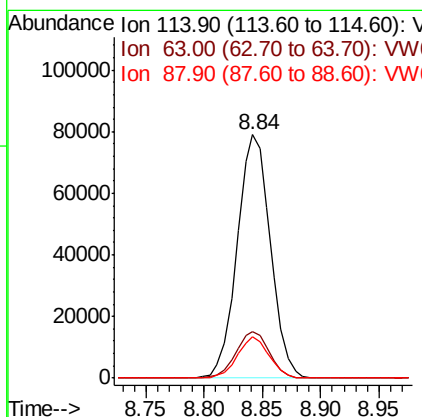
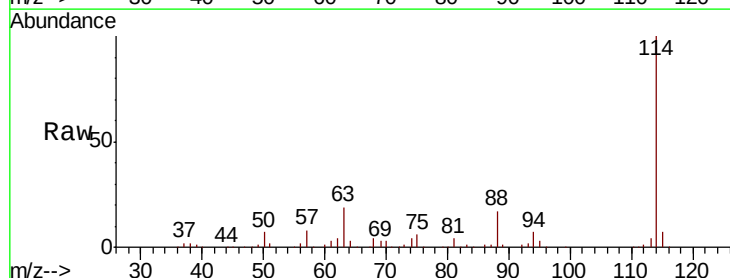
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-6-G-2-120618

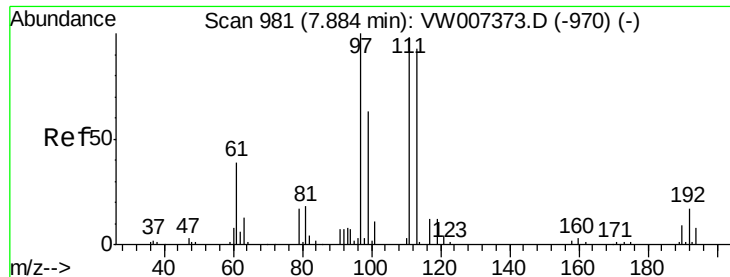
Tot Ion: 65 Resp: 46994
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007426.D
 Acq: 12 Dec 2018 06:31

Tgt Ion: 114 Resp: 156465
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.359 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007426.D

Acq: 12 Dec 2018 06:31

Instrument :

MSVOA_W

ClientSampleId :

SUP-6-G-2-120618

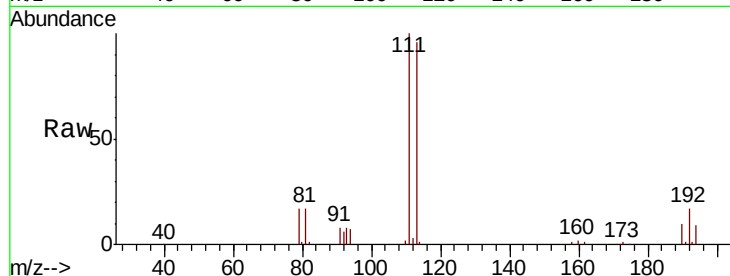
Tot Ion:113 Resp: 45803

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

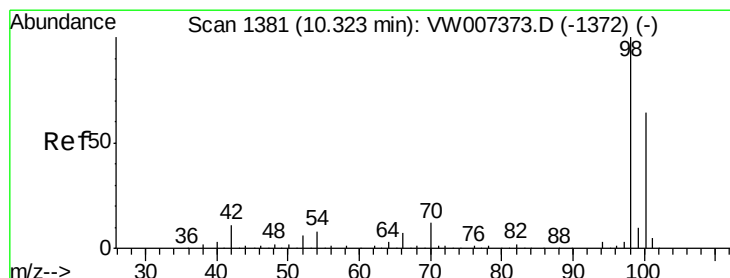
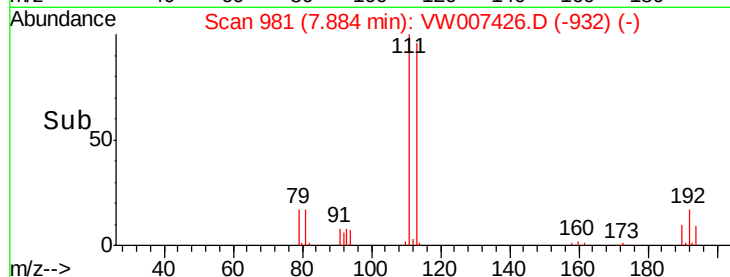
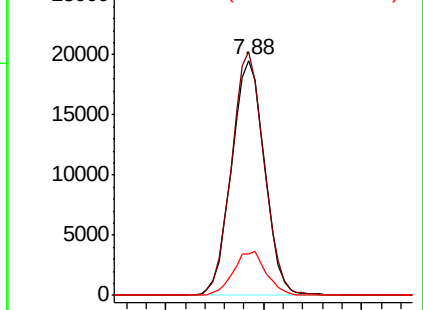
192 18.5 14.6 21.8



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: 43.065 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007426.D

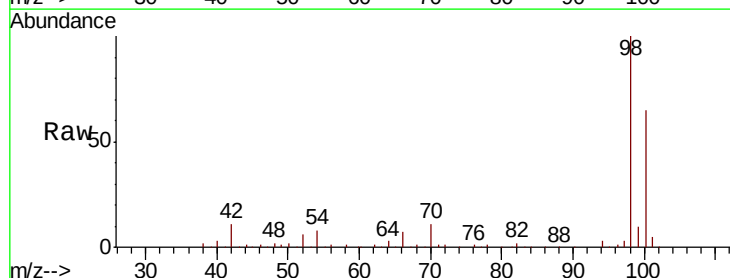
Acq: 12 Dec 2018 06:31

Tgt Ion: 98 Resp: 152934

Ion Ratio Lower Upper

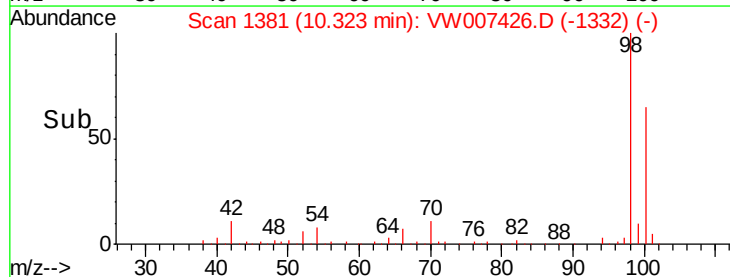
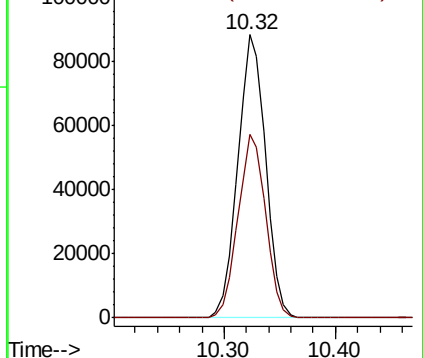
98 100

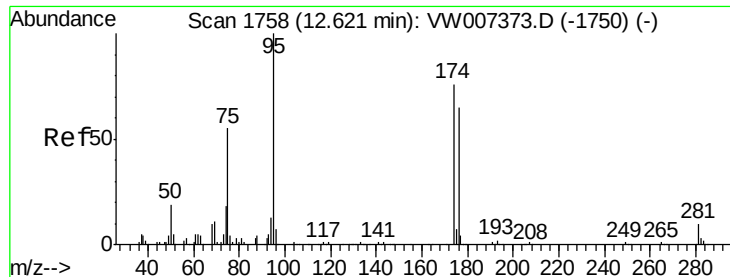
100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.209 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007426.D

Acq: 12 Dec 2018 06:31

Instrument :

MSVOA_W

ClientSampleId :

SUP-6-G-2-120618

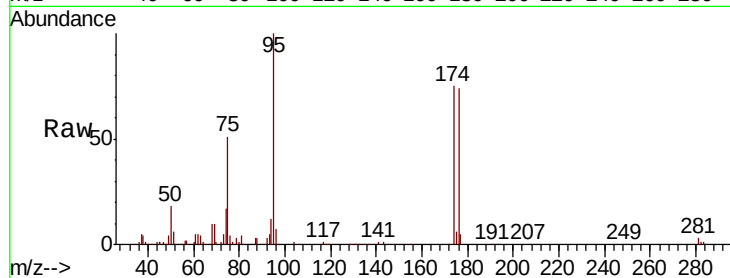
Tot Ion: 95 Resp: 55113

Ion Ratio Lower Upper

95 100

174 74.1 0.0 147.2

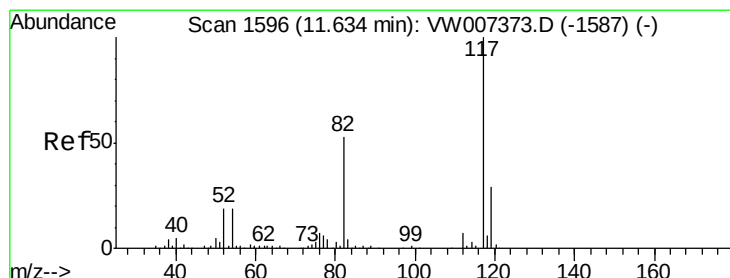
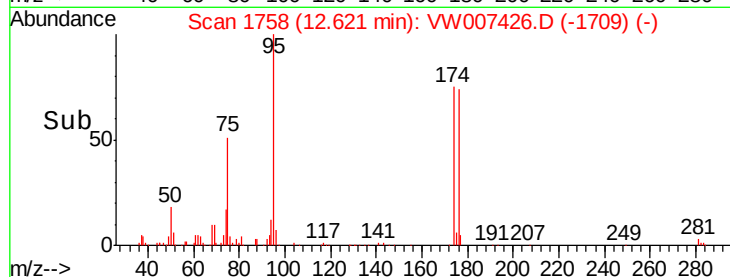
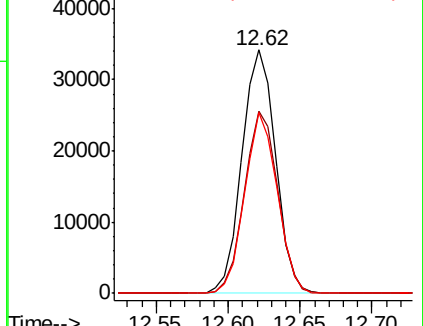
176 71.7 0.0 138.8



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: VW007426.D

Acq: 12 Dec 2018 06:31

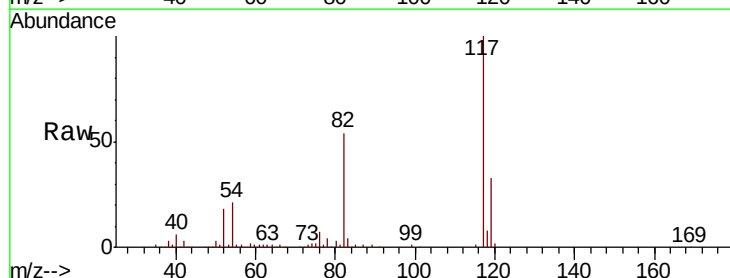
Tgt Ion: 117 Resp: 137200

Ion Ratio Lower Upper

117 100

82 53.7 42.3 63.5

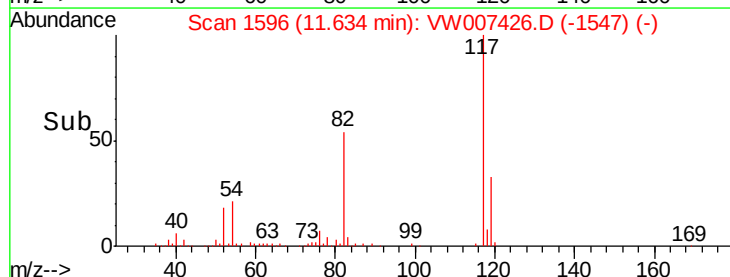
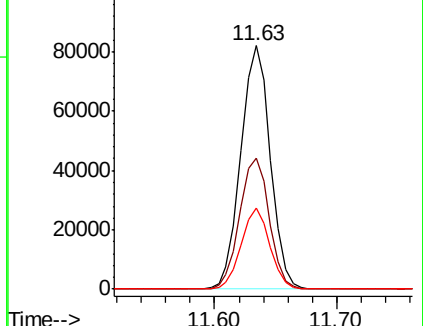
119 33.5 23.0 34.6

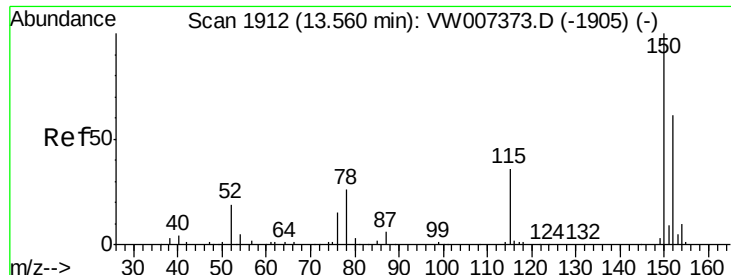


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007426.D

Acq: 12 Dec 2018 06:31

Instrument :

MSVOA_W

ClientSampleId :

SUP-6-G-2-120618

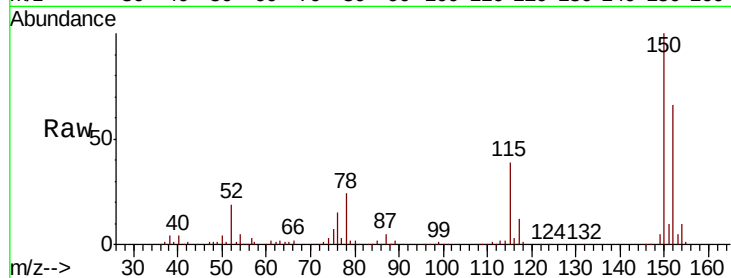
Tot Ion:152 Resp: 57947

Ion Ratio Lower Upper

152 100

115 61.5 31.4 94.2

150 152.9 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

