

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009613.D
 Acq On : 31 Mar 2019 16:21
 Operator : SY/VA
 Sample : K2131-04
 Misc : 6.17G/5.0ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-035-B

Quant Time: Apr 01 05:34:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

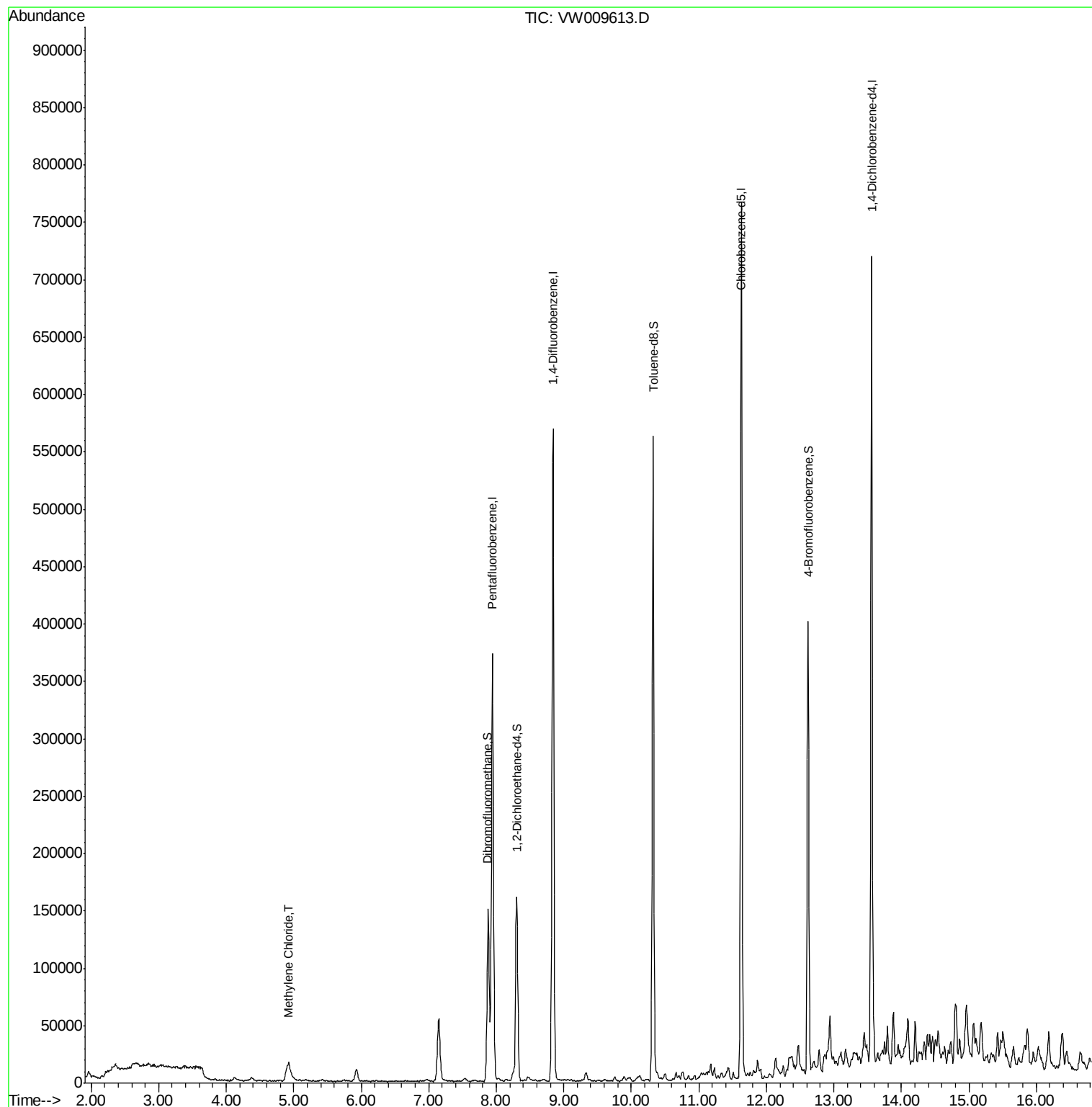
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	127330	42.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.56%	
35) Dibromofluoromethane	7.88	113	101347	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.92%	
50) Toluene-d8	10.32	98	342249	33.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.54%	
62) 4-Bromofluorobenzene	12.62	95	114026	30.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.32%	
Target Compounds						
20) Methylene Chloride	4.93	84	15280	2.104	ug/l	Qvalue 93

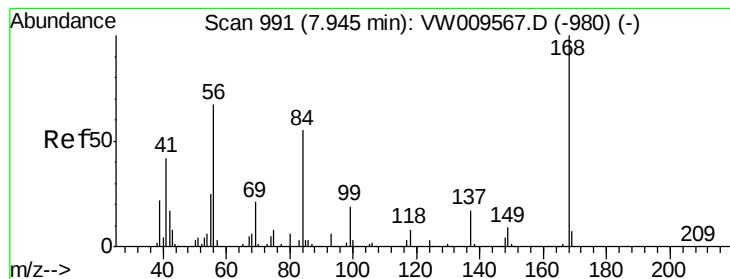
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 31 Mar 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

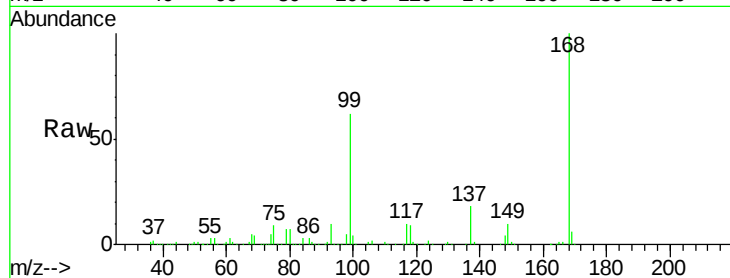
FK-GF-02-035-B

Tot Ion:168 Resp: 260302

Ion Ratio Lower Upper

168 100

99 61.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

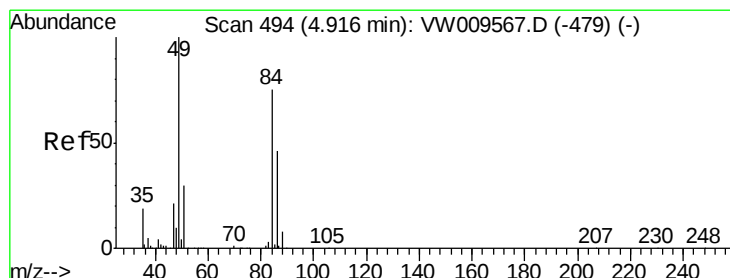
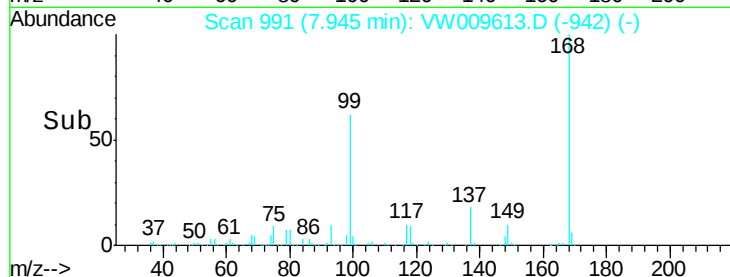
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 2.104 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW009613.D

Acq: 31 Mar 2019 16:21

Tgt Ion: 84 Resp: 15280

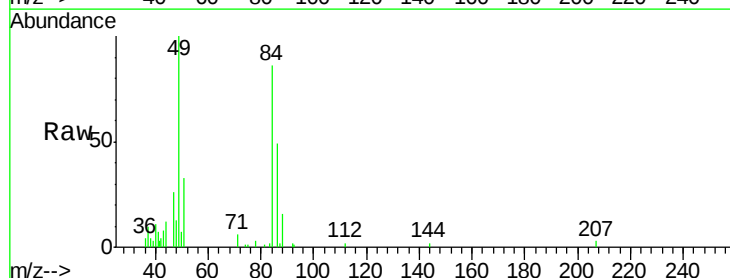
Ion Ratio Lower Upper

84 100

49 117.0 99.1 148.7

51 39.0 28.7 43.1

86 56.8 50.5 75.7



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

4.93

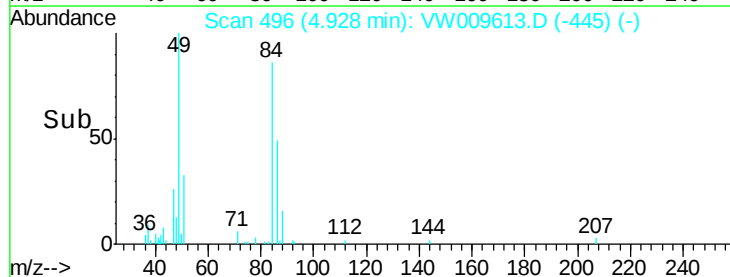
6000

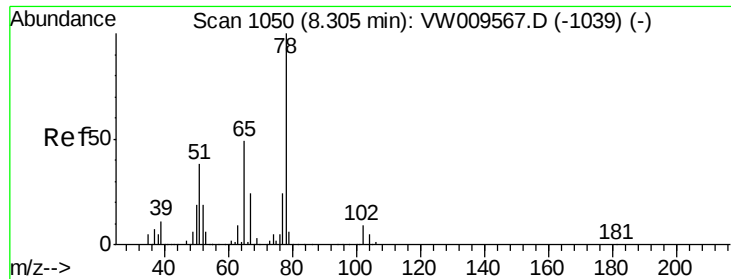
4000

2000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 42.776 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009613.D

Acq: 31 Mar 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

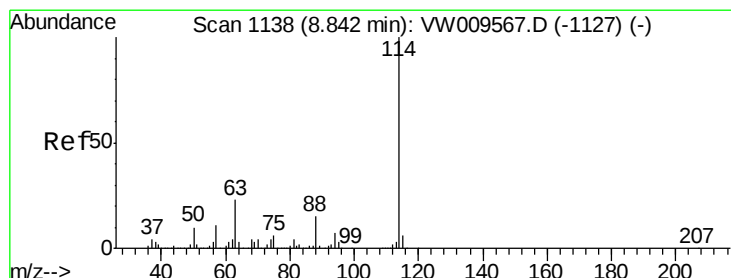
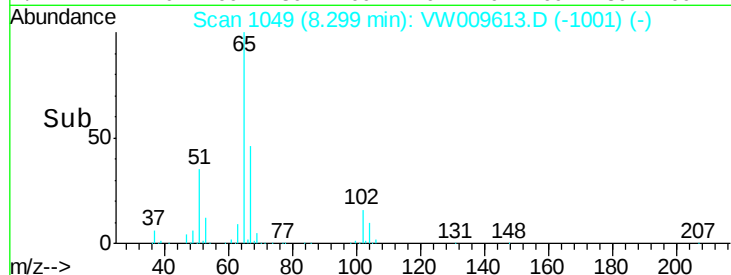
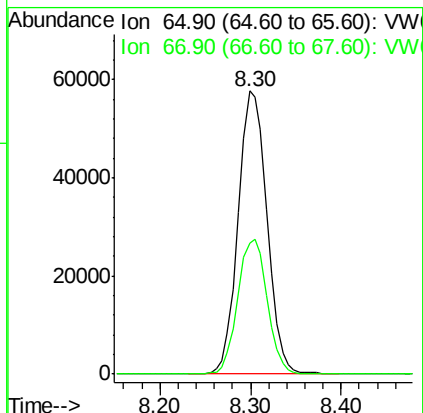
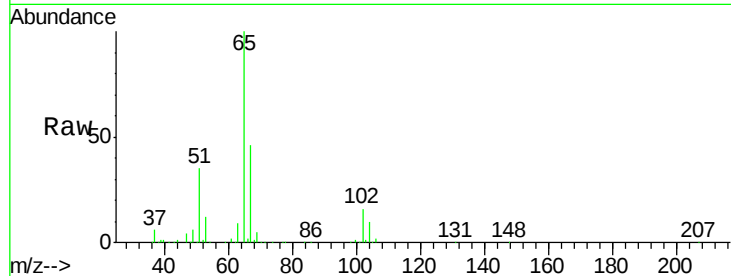
FK-GF-02-035-B

Tot Ion: 65 Resp: 127330

Ion Ratio Lower Upper

65 100

67 48.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW009613.D

Acq: 31 Mar 2019 16:21

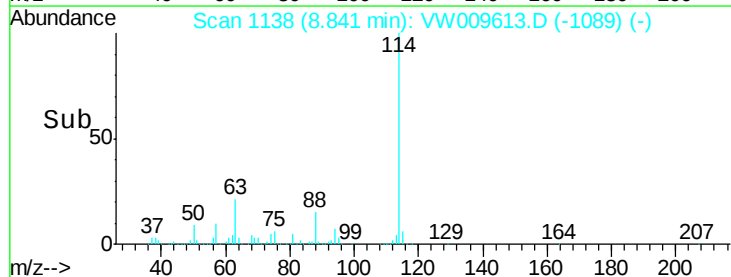
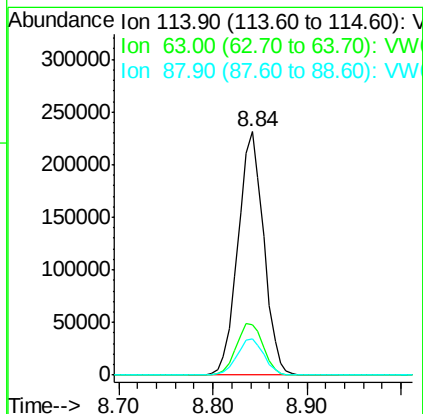
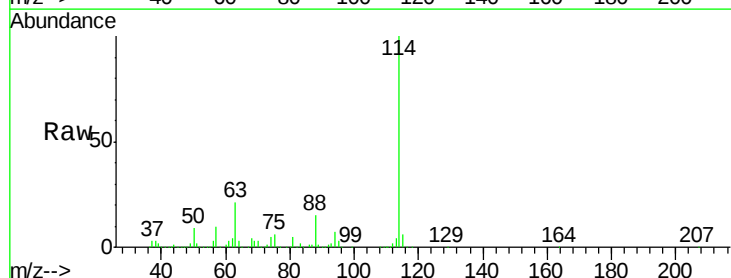
Tgt Ion: 114 Resp: 436580

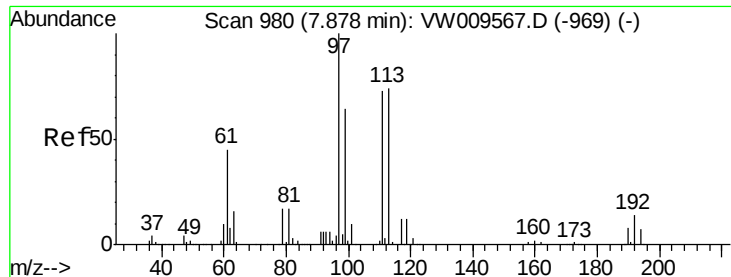
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 36.960 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW009613.D

Acq: 31 Mar 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

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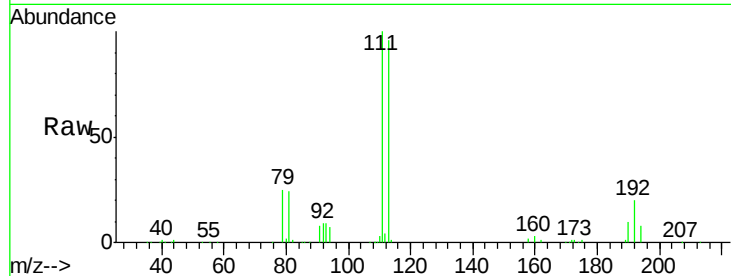
Tot Ion:113 Resp: 101347

Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

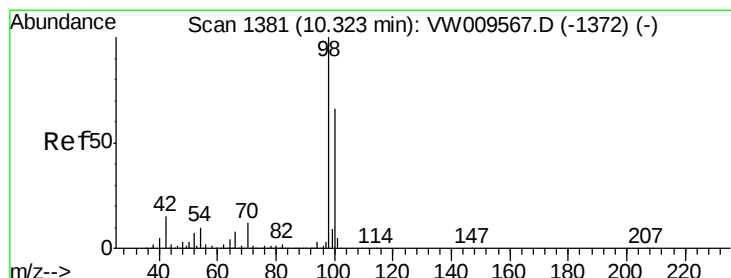
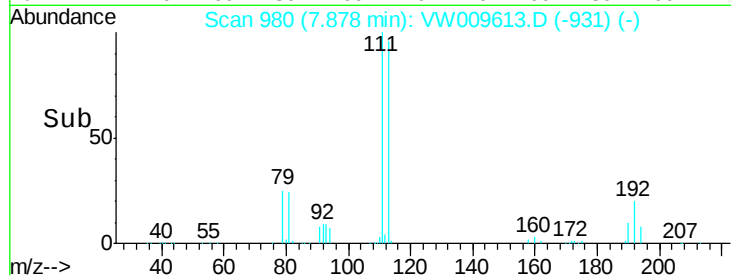
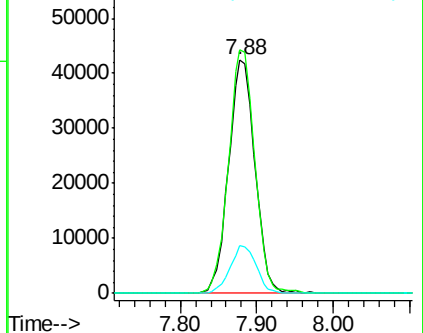
192 20.1 16.4 24.6



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: 33.769 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009613.D

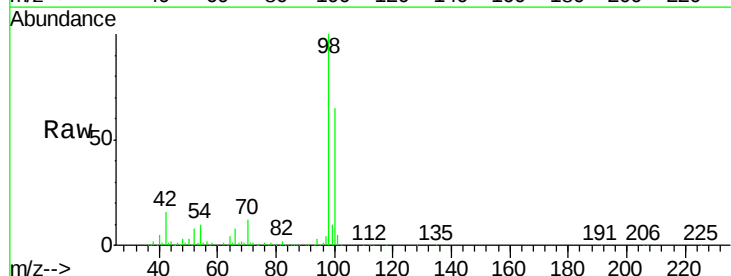
Acq: 31 Mar 2019 16:21

Tgt Ion: 98 Resp: 342249

Ion Ratio Lower Upper

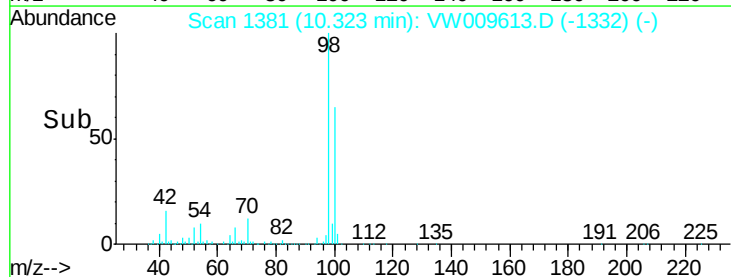
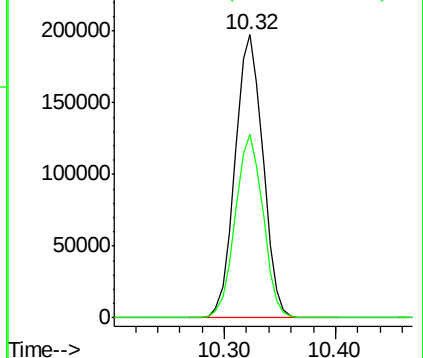
98 100

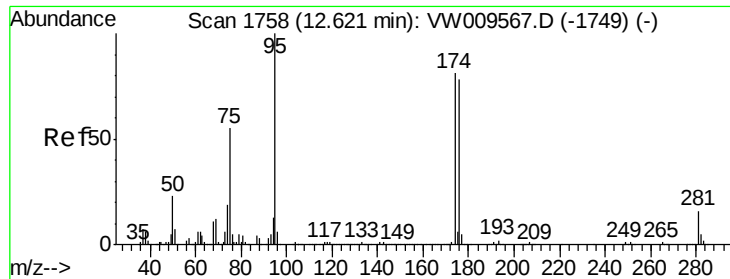
100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 30.158 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009613.D

Acq: 31 Mar 2019 16:21

Instrument :

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ClientSampleId :

FK-GF-02-035-B

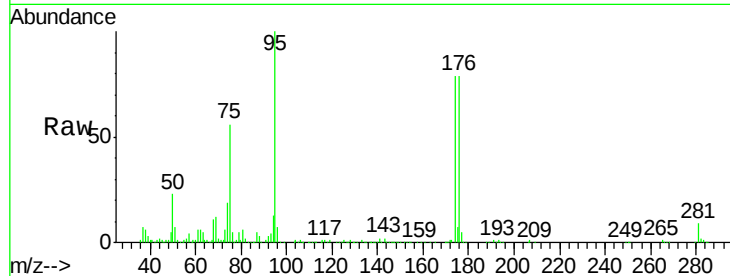
Tot Ion: 95 Resp: 114026

Ion Ratio Lower Upper

95 100

174 78.7 0.0 168.4

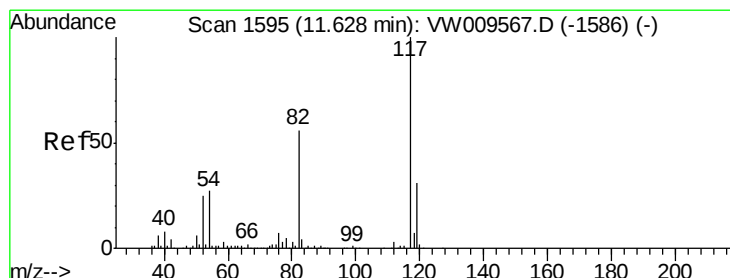
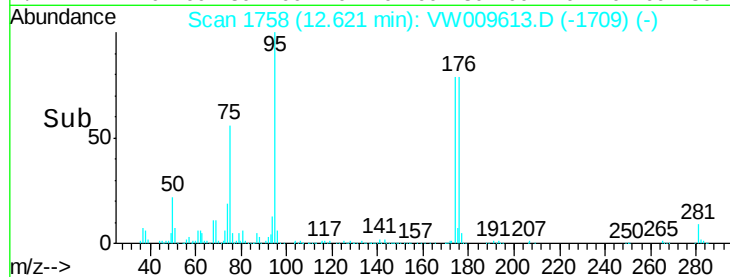
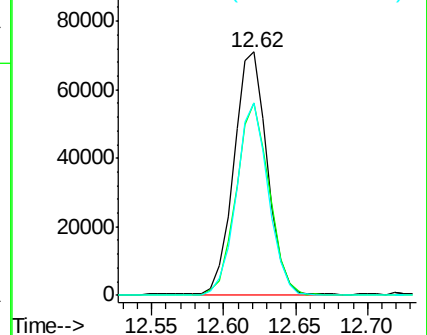
176 76.2 0.0 161.6



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# 1595

Delta R.T. -0.00 min

Lab File: VW009613.D

Acq: 31 Mar 2019 16:21

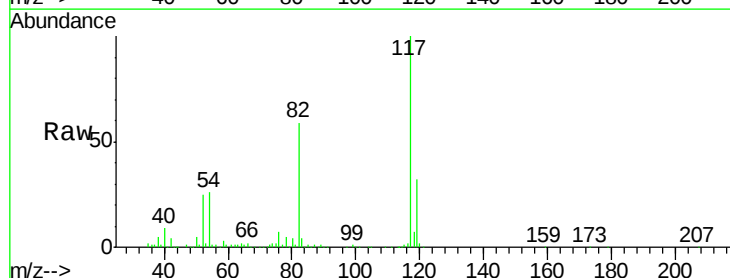
Tgt Ion: 117 Resp: 394959

Ion Ratio Lower Upper

117 100

82 59.3 43.6 65.4

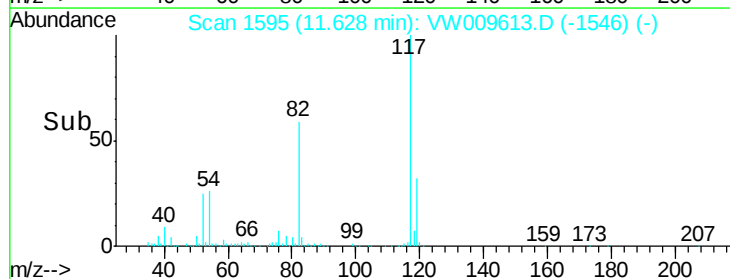
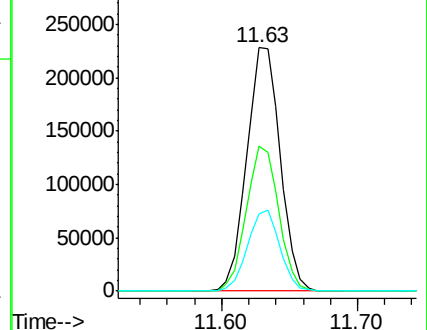
119 31.9 26.0 39.0

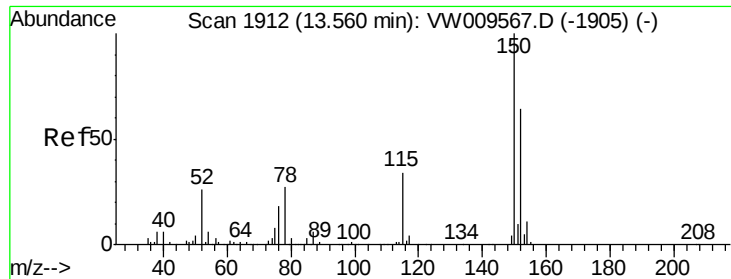


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009613.D

Acq: 31 Mar 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-035-B

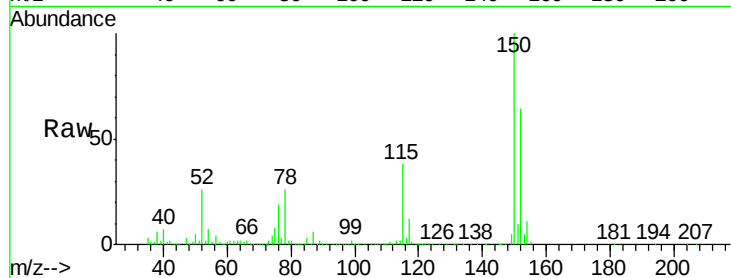
Tot Ion:152 Resp: 169666

Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.8

150 156.3 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

