

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010034.D
 Acq On : 18 Apr 2019 02:41
 Operator : SY/VA
 Sample : K2444-02
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-037-A

Quant Time: Apr 18 04:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

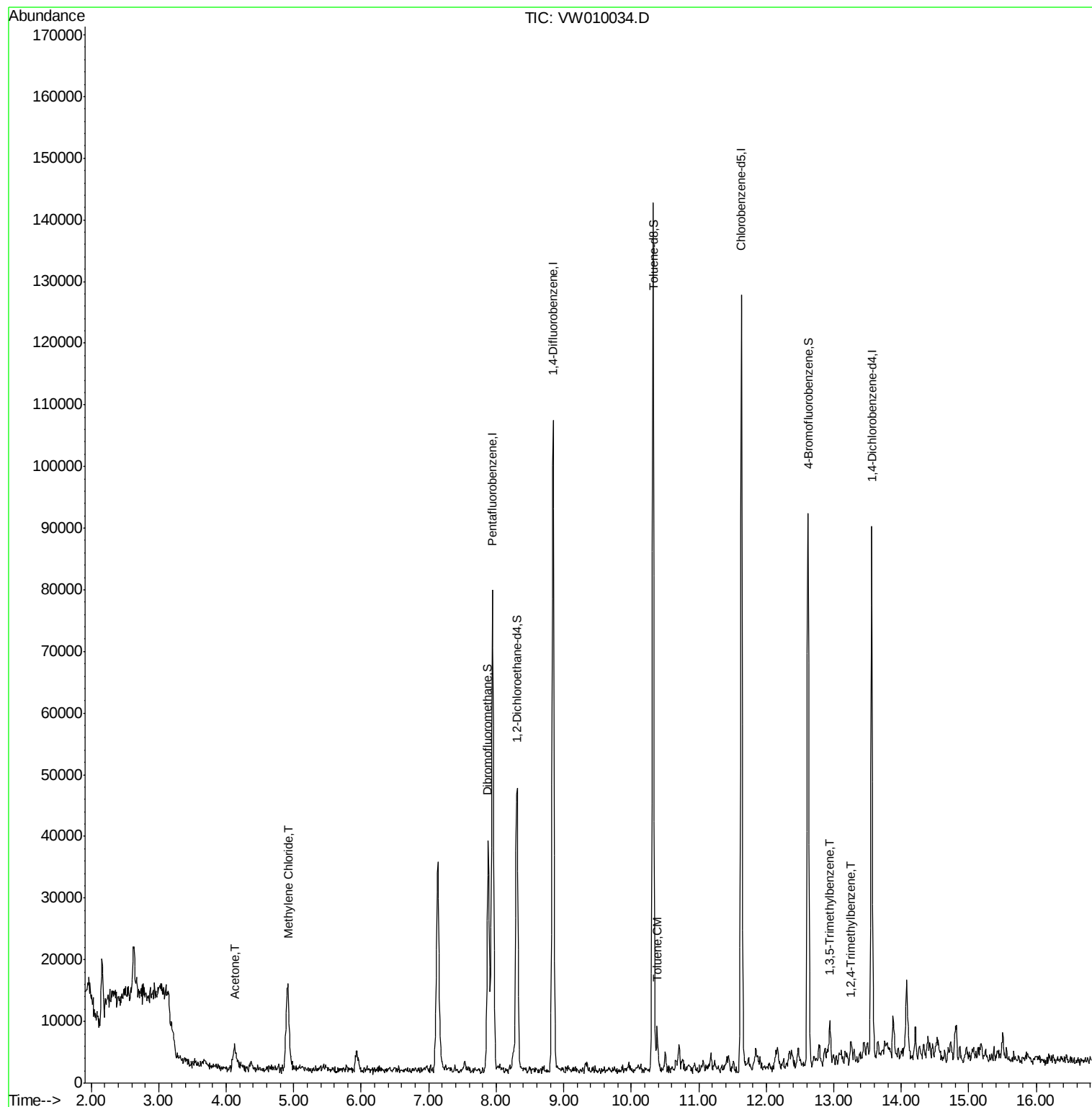
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	80359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	66097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36908	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	7.88	113	26101	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
50) Toluene-d8	10.32	98	86412	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.62	95	22957	32.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.98%	
Target Compounds						
16) Acetone	4.14	43	8231	55.485	ug/l	96
20) Methylene Chloride	4.92	84	9323	12.976	ug/l	89
52) Toluene	10.39	92	2174	1.555	ug/l	88
80) 1,3,5-Trimethylbenzene	12.94	105	1829	1.527	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	1871	1.541	ug/l	93

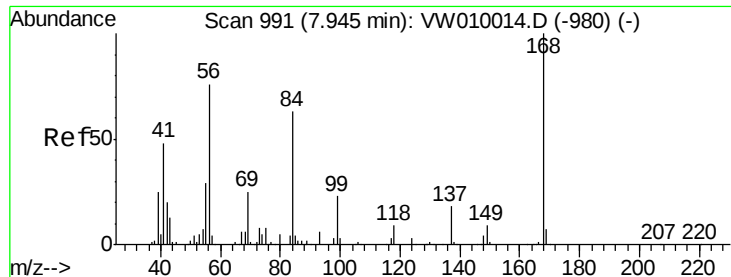
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041719\
Data File : VW010034.D
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Quant Title : SW846 8260
QLast Update : Thu Apr 18 02:23:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010034.D

Acq: 18 Apr 2019 02:41

Instrument :

MSVOA_W

ClientSampleId :

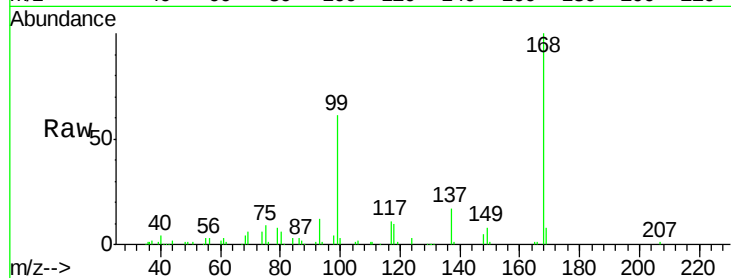
FK-GF-02-037-A

Tot Ion:168 Resp: 51810

Ion Ratio Lower Upper

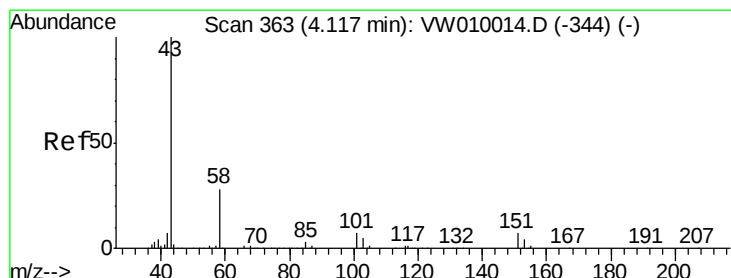
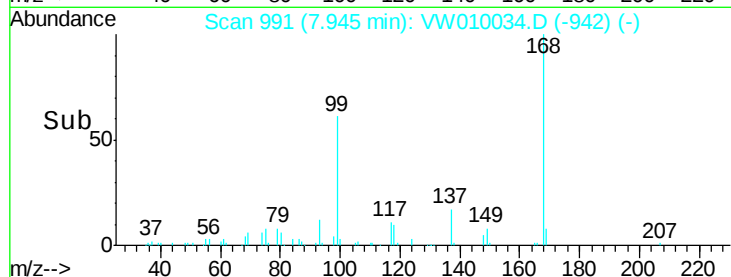
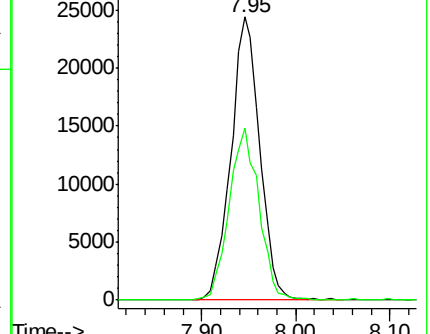
168 100

99 60.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 55.485 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW010034.D

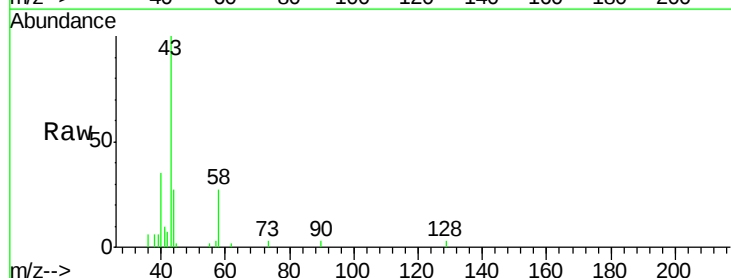
Acq: 18 Apr 2019 02:41

Tgt Ion: 43 Resp: 8231

Ion Ratio Lower Upper

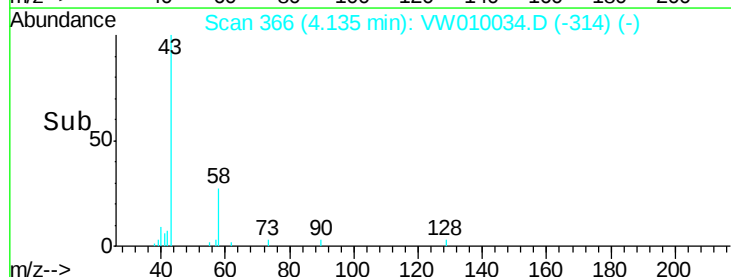
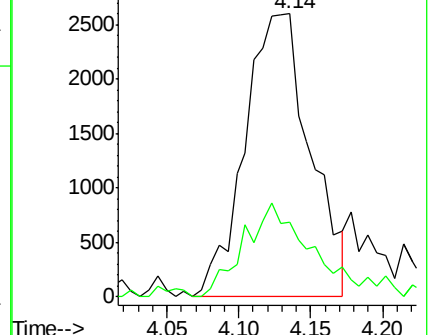
43 100

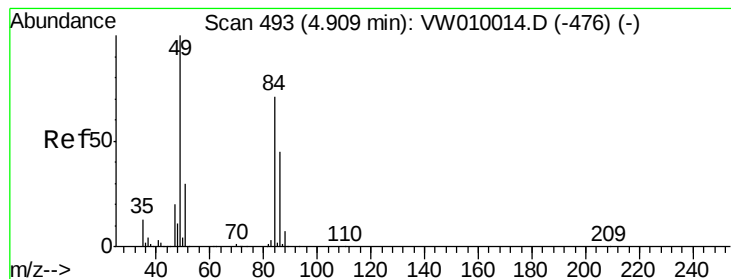
58 26.5 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 12.976 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW010034.D

Acq: 18 Apr 2019 02:41

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-037-A

Tot Ion: 84 Resp: 9323

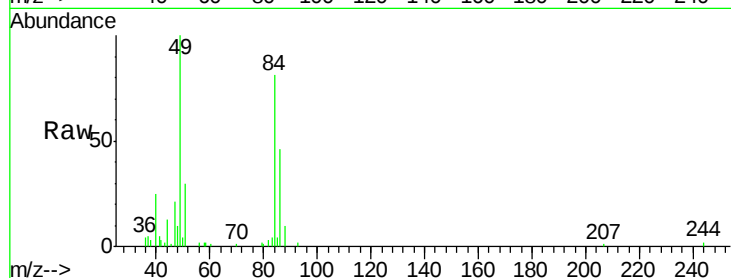
Ion Ratio Lower Upper

84 100

49 124.0 112.3 168.5

51 37.6 33.9 50.9

86 56.5 50.2 75.4

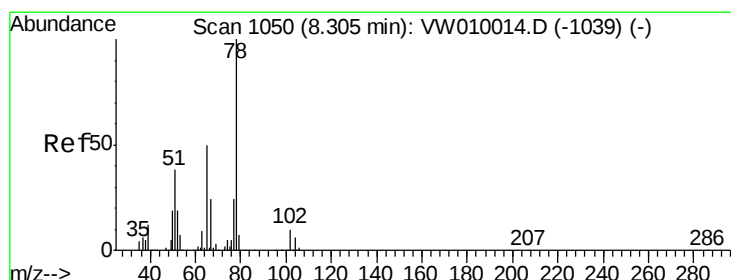
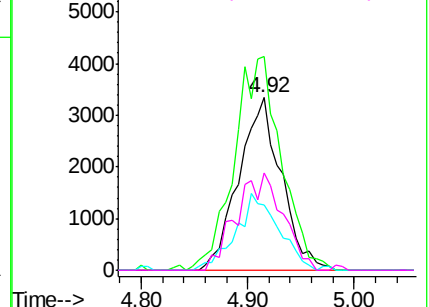
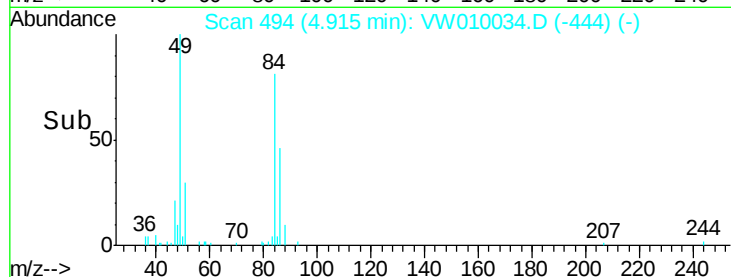


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 57.726 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW010034.D

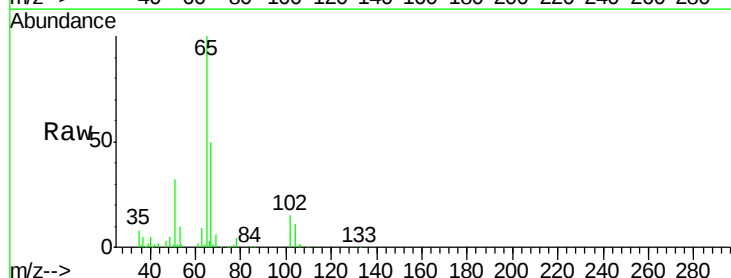
Acq: 18 Apr 2019 02:41

Tgt Ion: 65 Resp: 36908

Ion Ratio Lower Upper

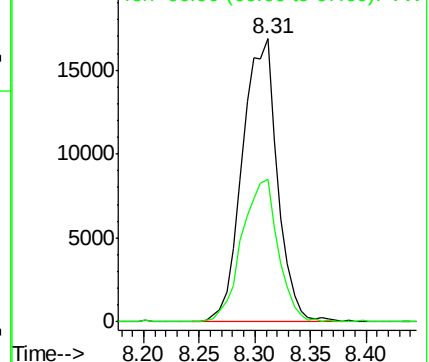
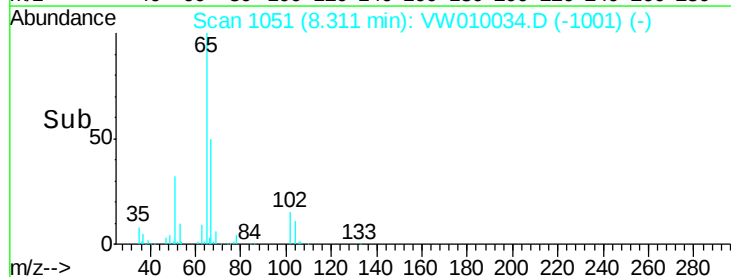
65 100

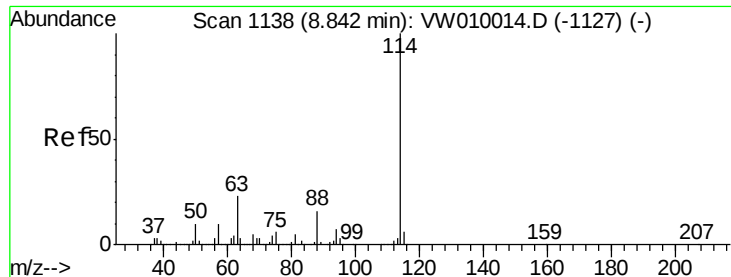
67 52.1 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

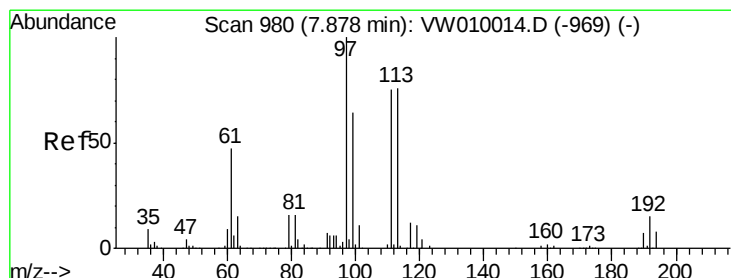
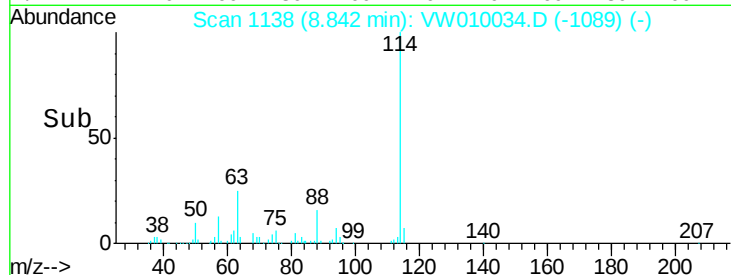
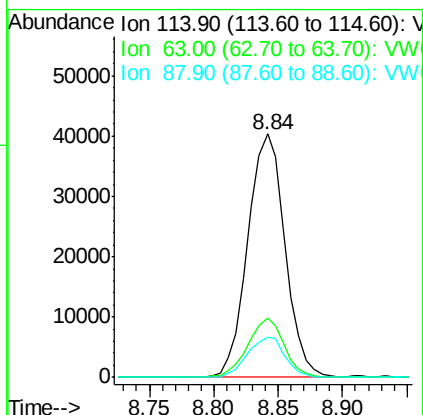
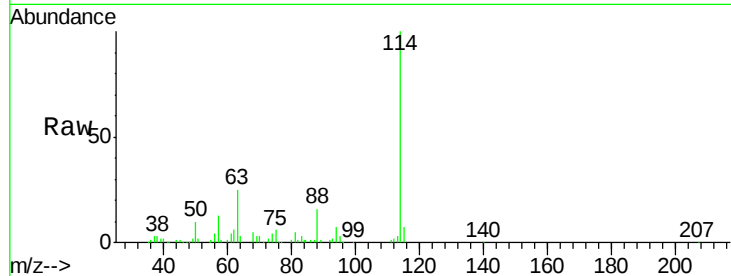




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010034.D
 Acq: 18 Apr 2019 02:41

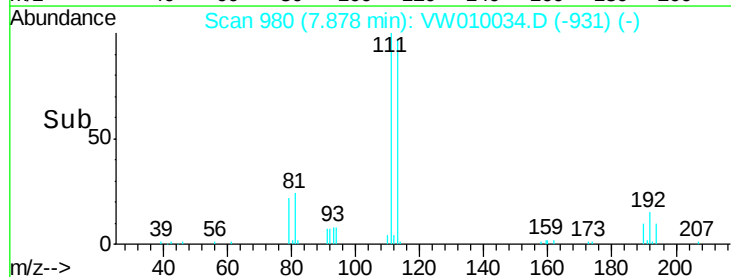
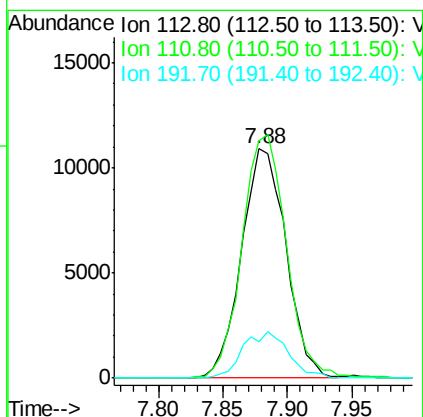
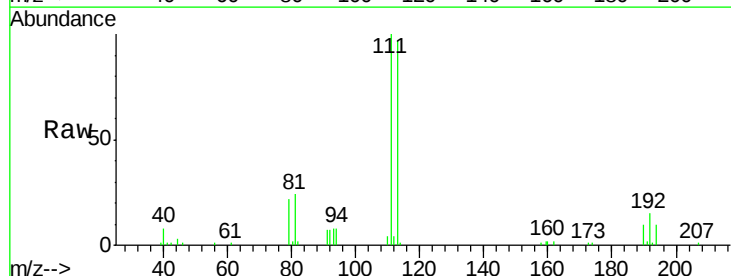
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-037-A

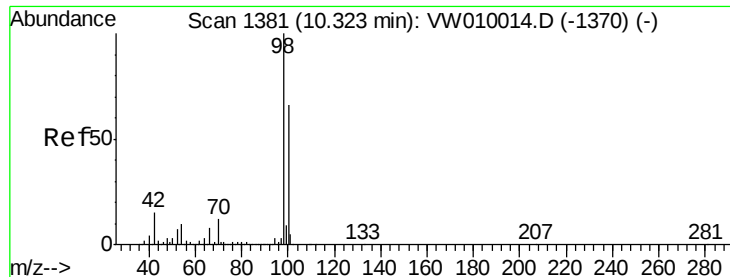
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	46.2
88	16.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.089 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010034.D
 Acq: 18 Apr 2019 02:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.6	123.8
192	20.6	15.4	23.2





#50

Toluene-d8

Concen: 45.138 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010034.D

Acq: 18 Apr 2019 02:41

Instrument :

MSVOA_W

ClientSampleId :

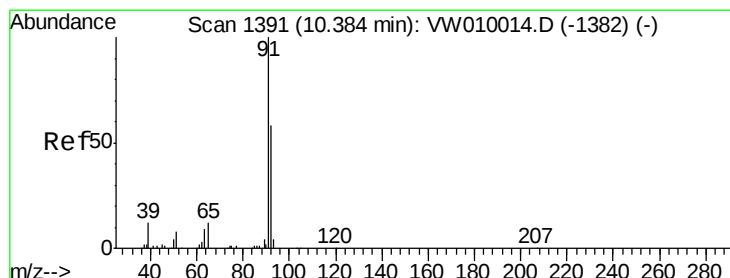
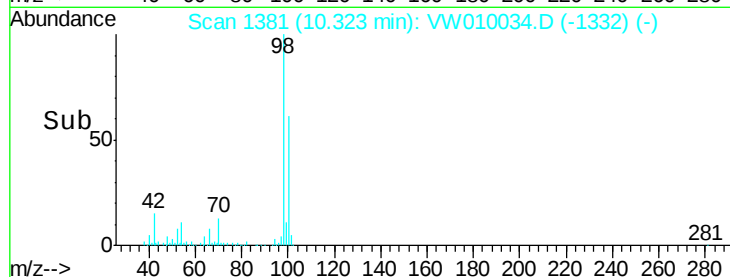
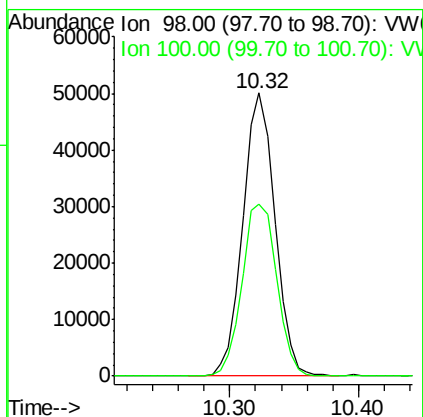
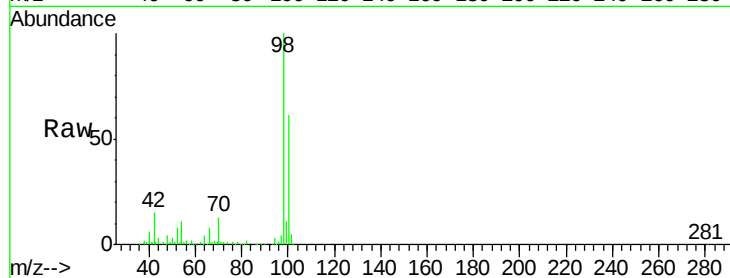
FK-GF-02-037-A

Tot Ion: 98 Resp: 86412

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5



#52

Toluene

Concen: 1.555 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW010034.D

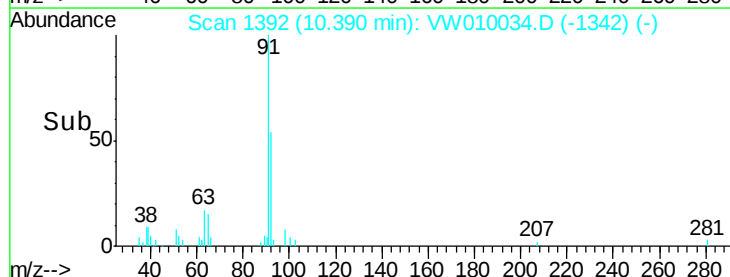
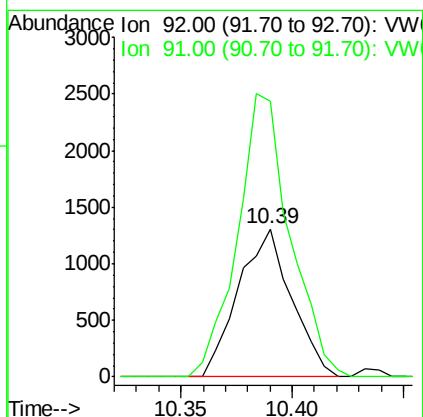
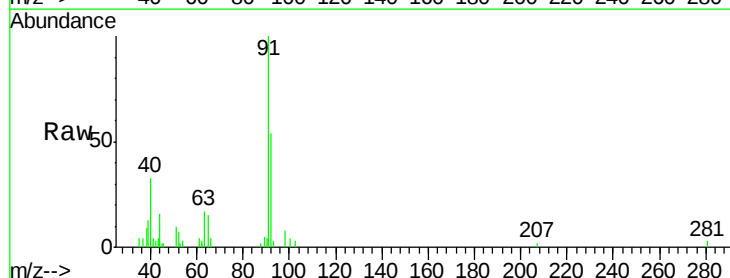
Acq: 18 Apr 2019 02:41

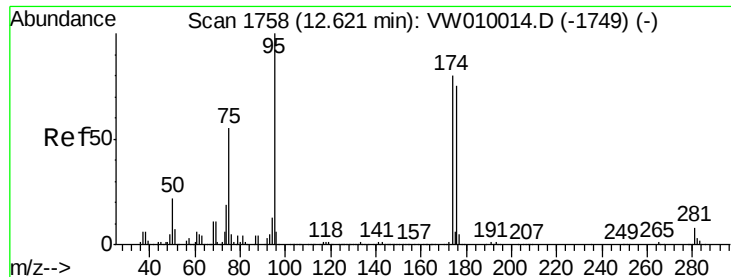
Tgt Ion: 92 Resp: 2174

Ion Ratio Lower Upper

92 100

91 189.7 138.5 207.7





#62

4-Bromofluorobenzene

Concen: 32.990 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010034.D

Acq: 18 Apr 2019 02:41

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-037-A

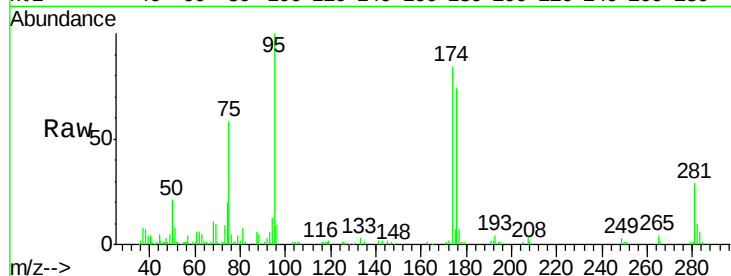
Tot Ion: 95 Resp: 22957

Ion Ratio Lower Upper

95 100

174 81.3 0.0 151.4

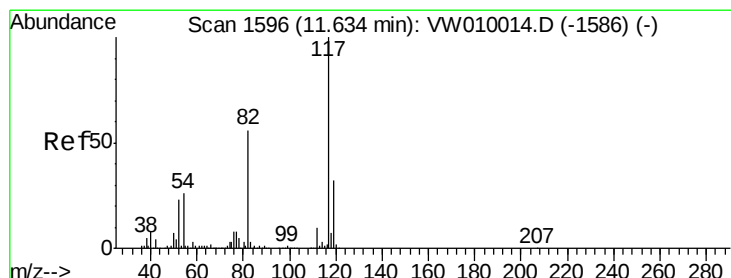
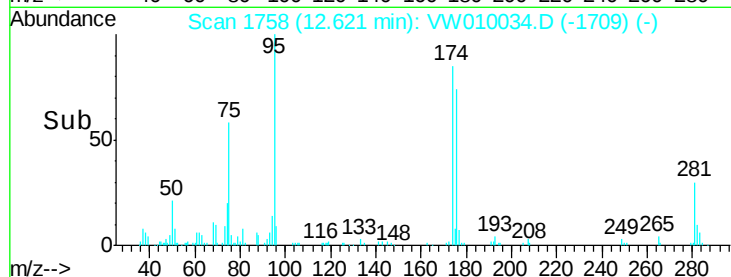
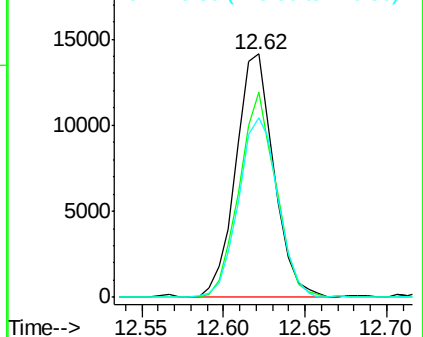
176 76.4 0.0 146.2



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: VW010034.D

Acq: 18 Apr 2019 02:41

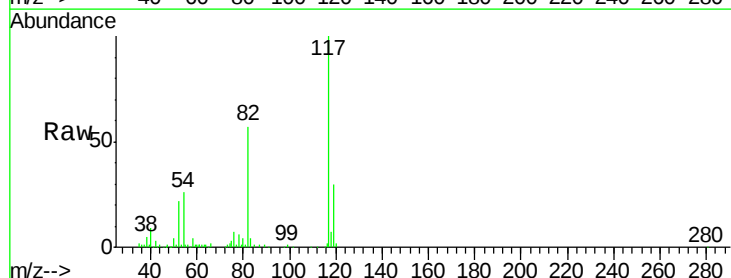
Tgt Ion: 117 Resp: 66097

Ion Ratio Lower Upper

117 100

82 57.2 45.2 67.8

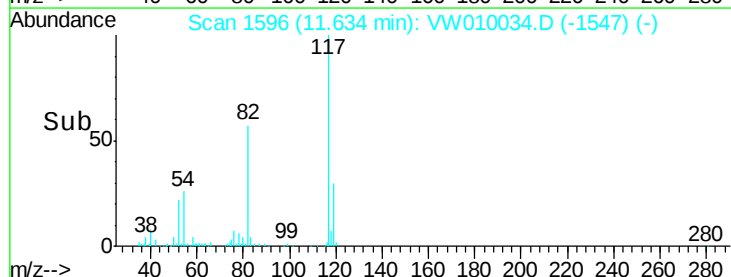
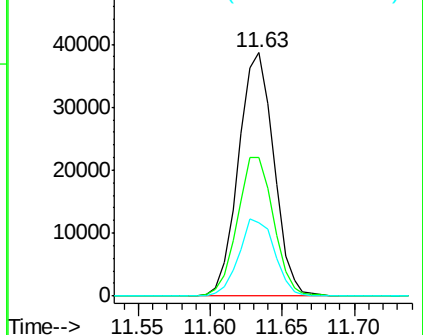
119 30.0 25.4 38.2

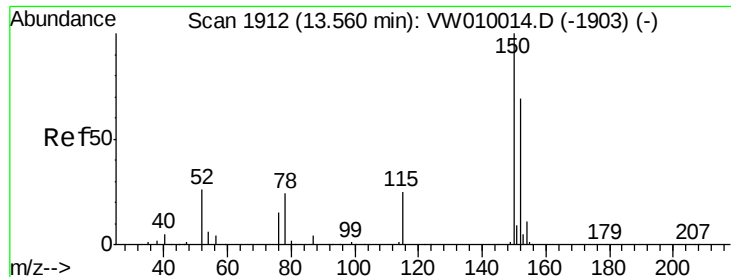


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010034.D

Acq: 18 Apr 2019 02:41

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FK-GF-02-037-A

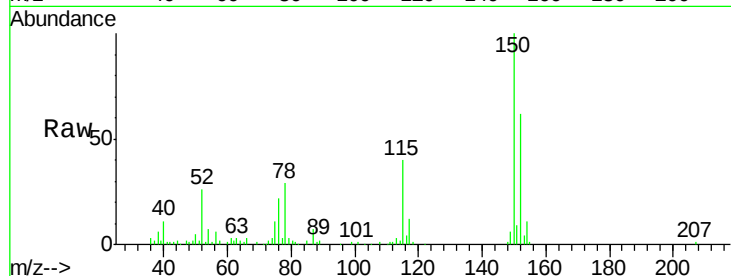
Tot Ion:152 Resp: 20295

Ion Ratio Lower Upper

152 100

115 66.3 30.4 91.2

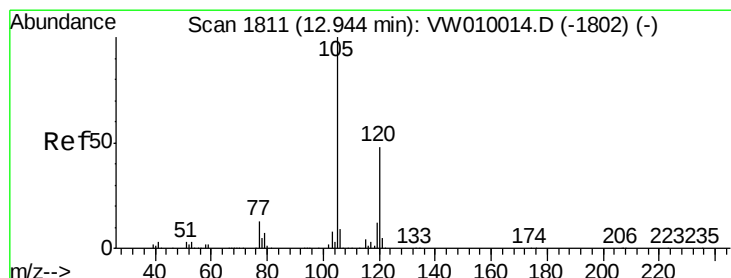
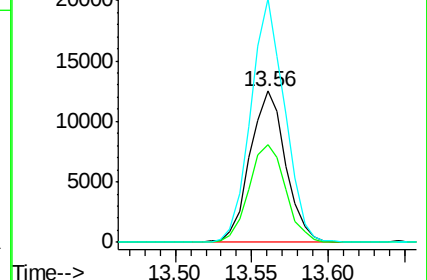
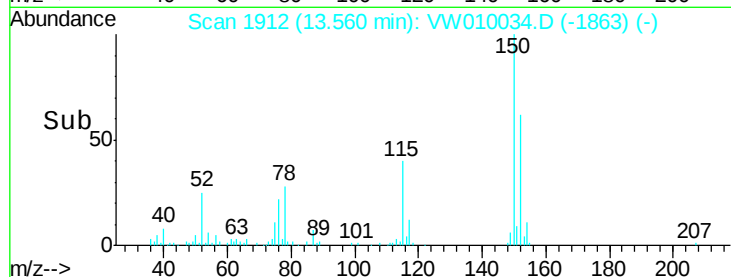
150 153.7 0.0 347.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.527 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010034.D

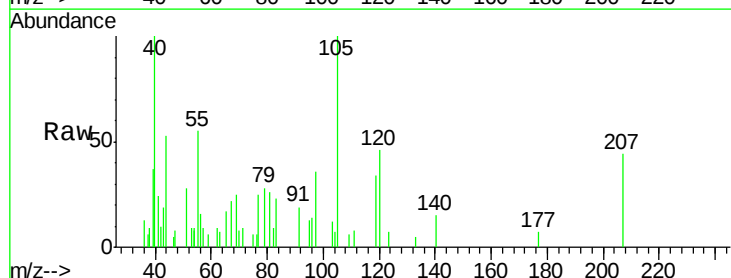
Acq: 18 Apr 2019 02:41

Tgt Ion:105 Resp: 1829

Ion Ratio Lower Upper

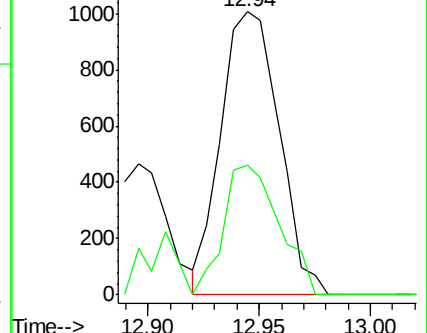
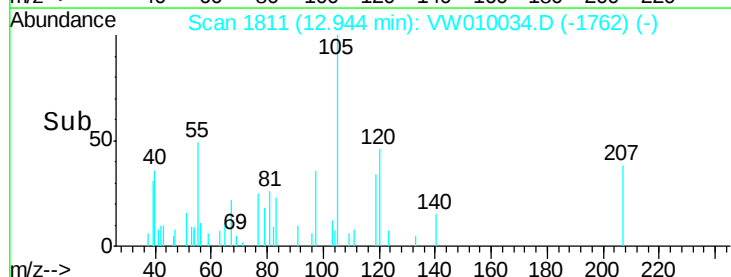
105 100

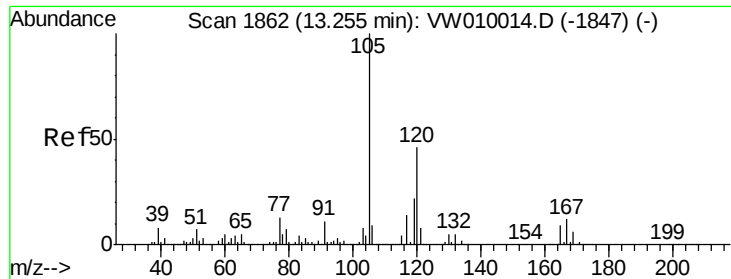
120 43.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 1.541 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010034.D
 Acq: 18 Apr 2019 02:41

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-037-A

Tot Ion:105 Resp: 1871
 Ion Ratio Lower Upper
 105 100
 120 40.8 22.6 67.7

