

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010035.D
 Acq On : 18 Apr 2019 03:09
 Operator : SY/VA
 Sample : K2444-04
 Misc : 6.75G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Apr 18 04:42:41 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

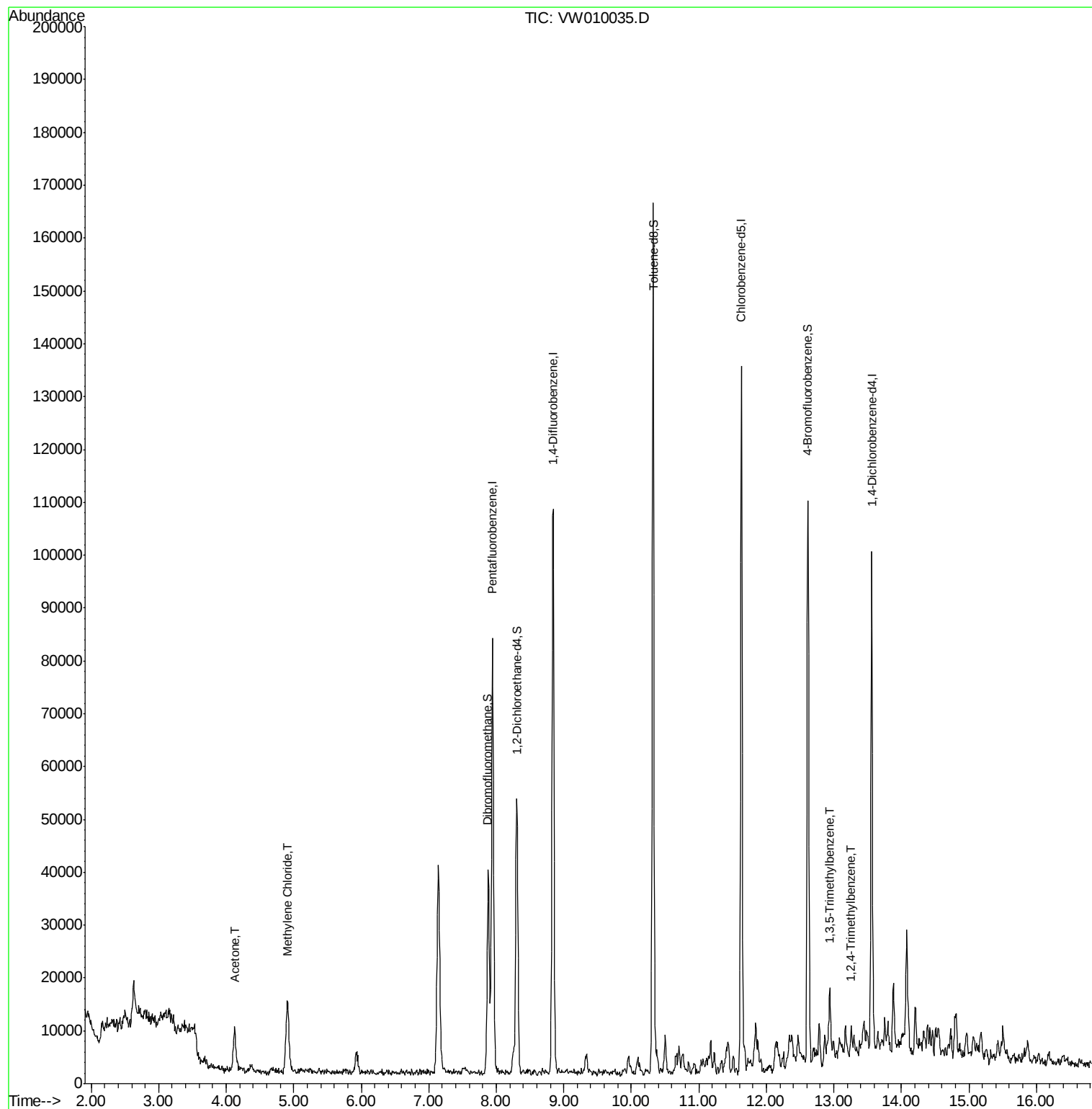
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	83350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	71088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	41100	61.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.24%	
35) Dibromofluoromethane	7.88	113	27079	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	10.32	98	97497	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.62	95	26797	37.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.26%	
Target Compounds						
16) Acetone	4.12	43	14288	92.329	ug/l #	88
20) Methylene Chloride	4.90	84	8961	11.585	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	2204	1.598	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	2962	2.118	ug/l	90

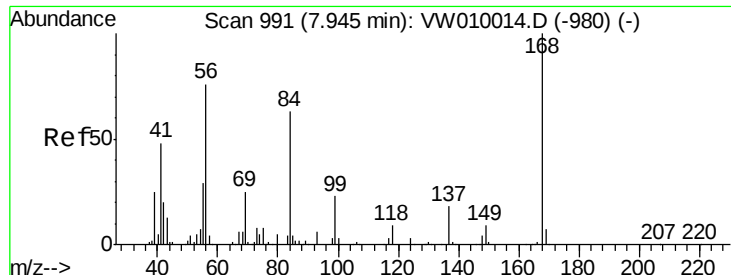
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041719\
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Acq On : 18 Apr 2019 03:09
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Misc : 6.75G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-037-B

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
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: VW010035.D

Acq: 18 Apr 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

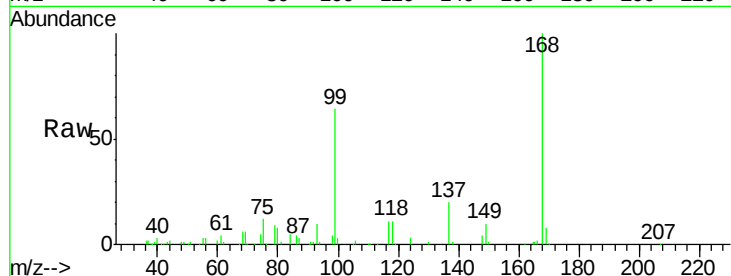
FK-GF-02-037-B

Tot Ion:168 Resp: 54047

Ion Ratio Lower Upper

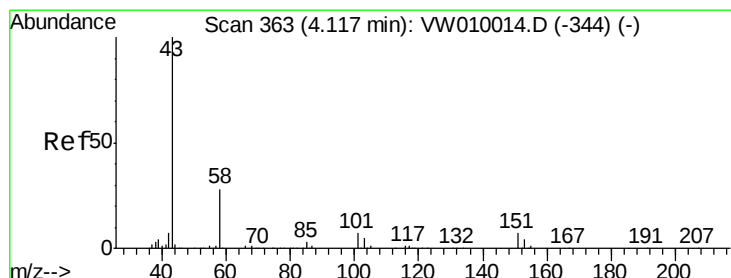
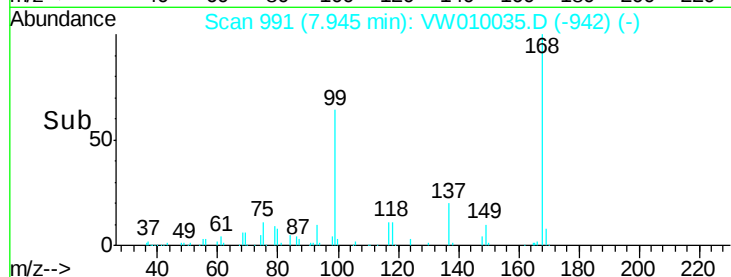
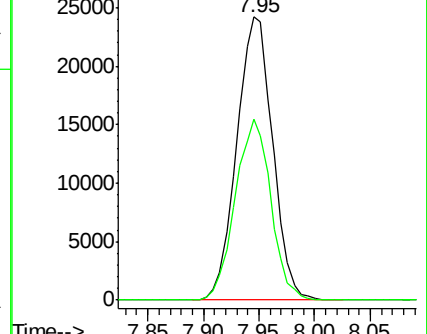
168 100

99 63.9 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: 92.329 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010035.D

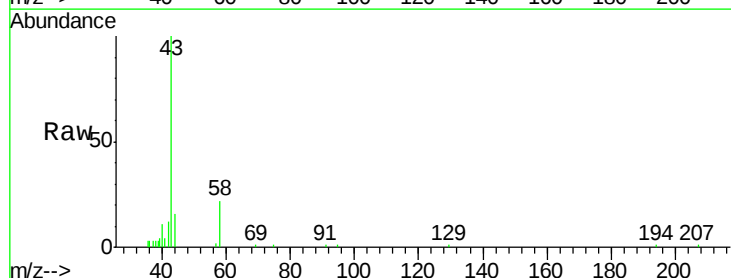
Acq: 18 Apr 2019 03:09

Tgt Ion: 43 Resp: 14288

Ion Ratio Lower Upper

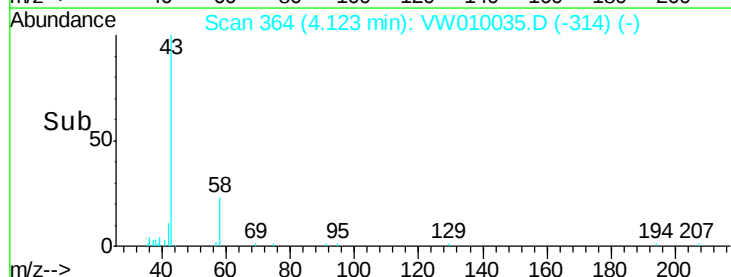
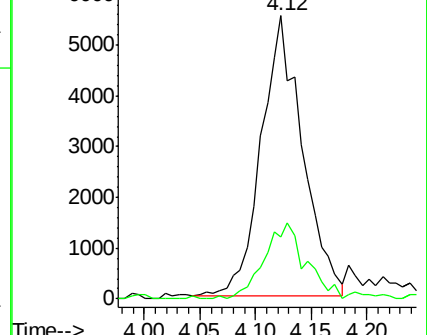
43 100

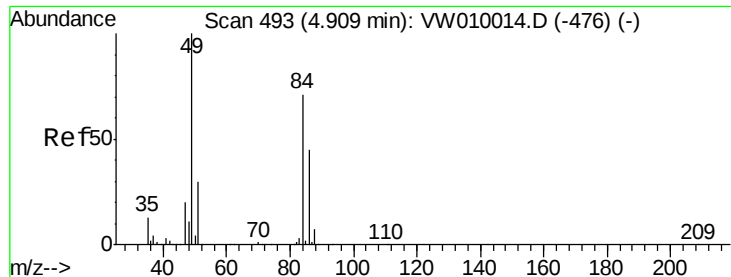
58 22.2 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 11.585 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW010035.D

Acq: 18 Apr 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-037-B

Tot Ion: 84 Resp: 8961

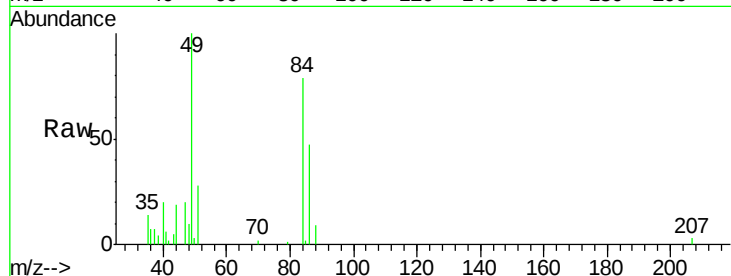
Ion Ratio Lower Upper

84 100

49 126.6 112.3 168.5

51 35.3 33.9 50.9

86 60.0 50.2 75.4

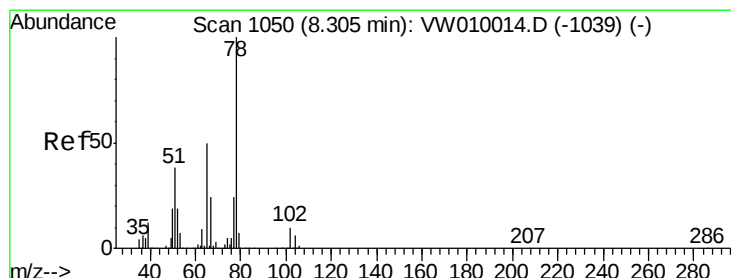
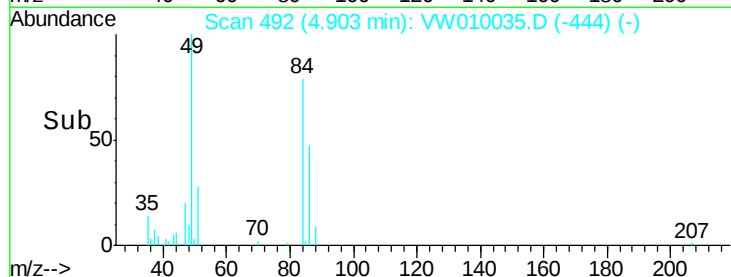
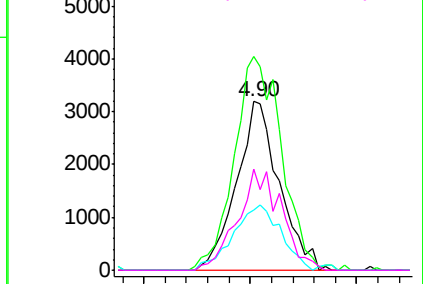


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 61.622 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010035.D

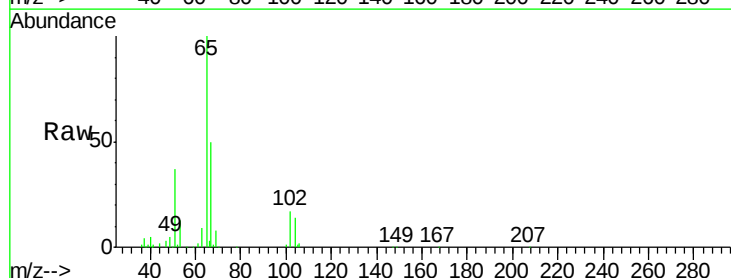
Acq: 18 Apr 2019 03:09

Tgt Ion: 65 Resp: 41100

Ion Ratio Lower Upper

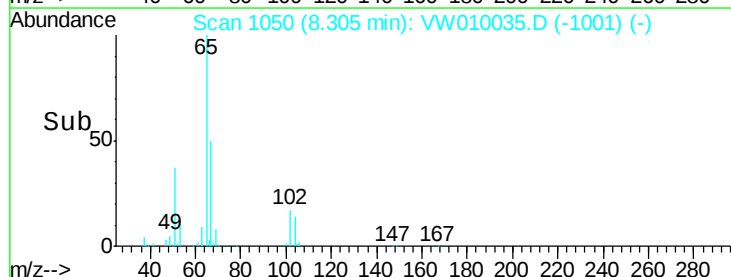
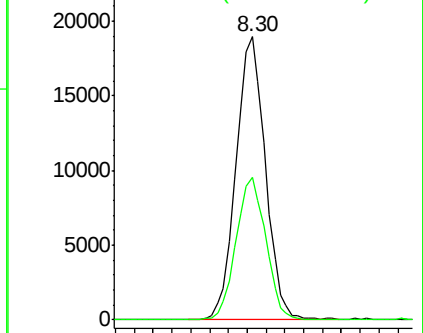
65 100

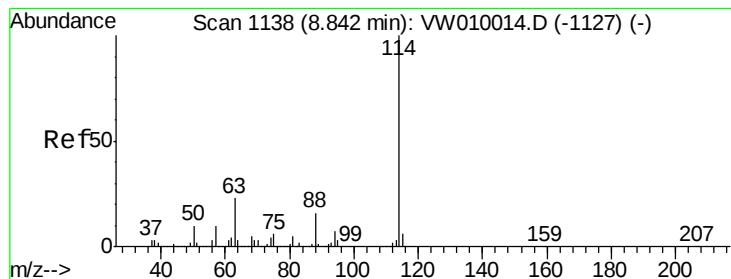
67 50.9 0.0 100.8



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: VW010035.D

Acq: 18 Apr 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-037-B

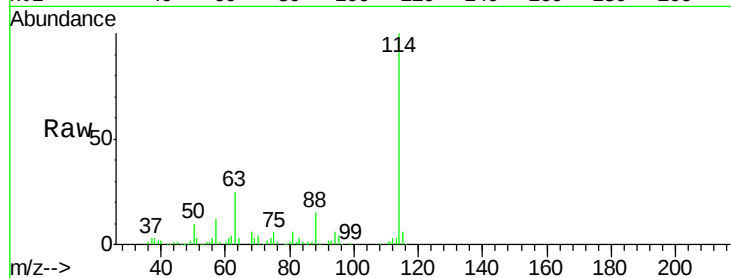
Tot Ion:114 Resp: 83350

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.2

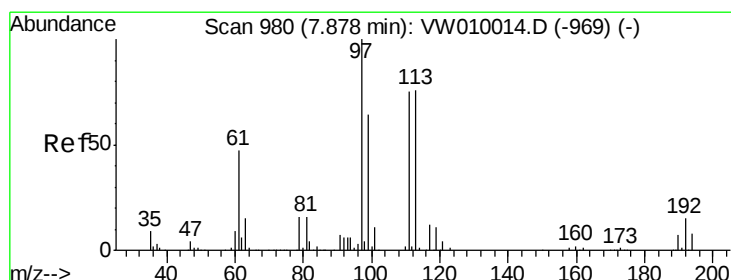
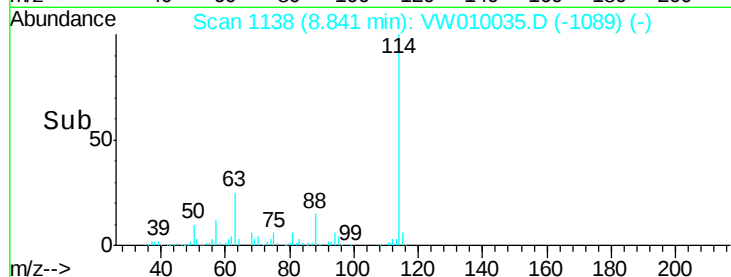
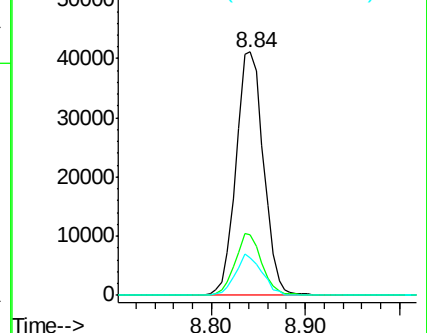
88 15.4 0.0 32.6



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: 51.101 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010035.D

Acq: 18 Apr 2019 03:09

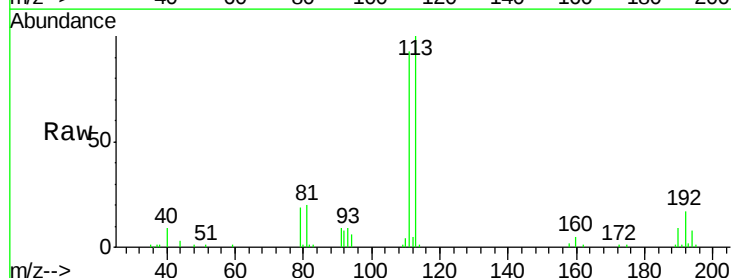
Tgt Ion:113 Resp: 27079

Ion Ratio Lower Upper

113 100

111 100.2 82.6 123.8

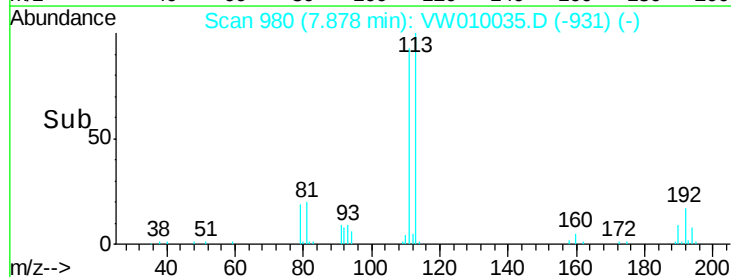
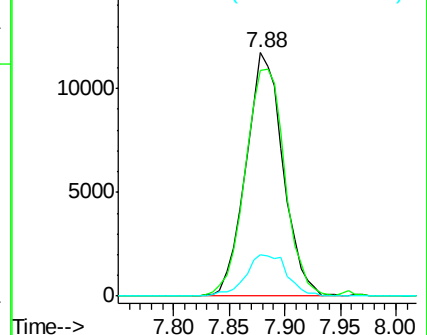
192 19.1 15.4 23.2

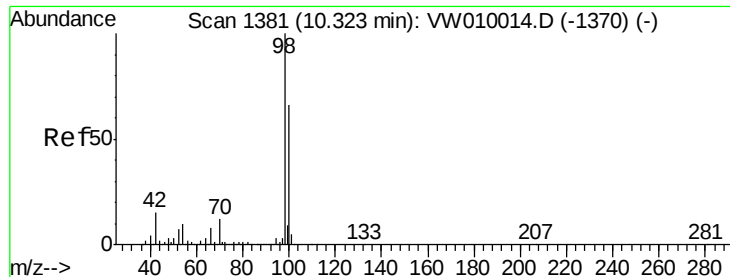


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.100 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010035.D

Acq: 18 Apr 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

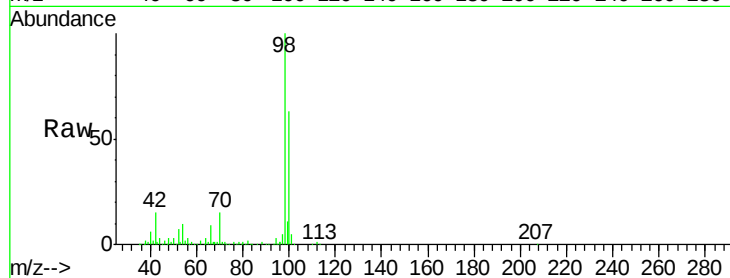
FK-GF-02-037-B

Tot Ion: 98 Resp: 97497

Ion Ratio Lower Upper

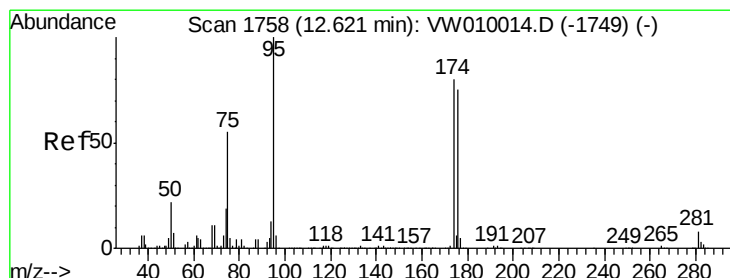
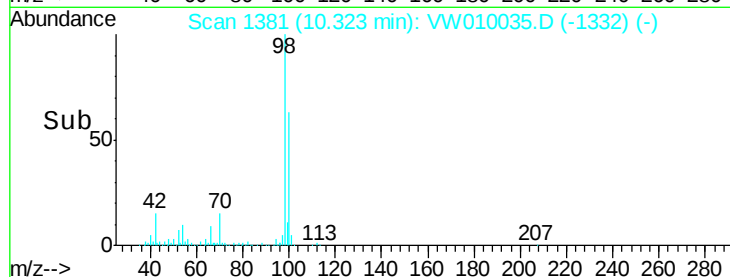
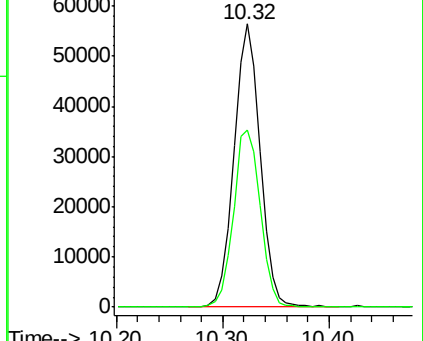
98 100

100 64.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.126 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW010035.D

Acq: 18 Apr 2019 03:09

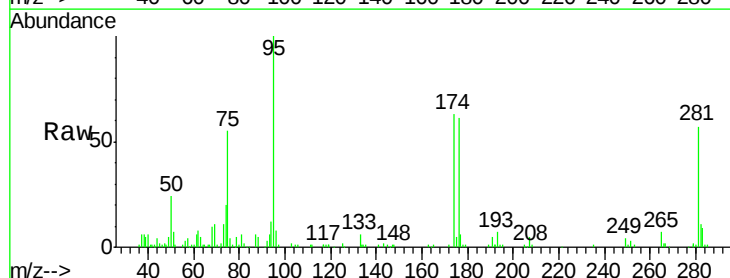
Tgt Ion: 95 Resp: 26797

Ion Ratio Lower Upper

95 100

174 78.1 0.0 151.4

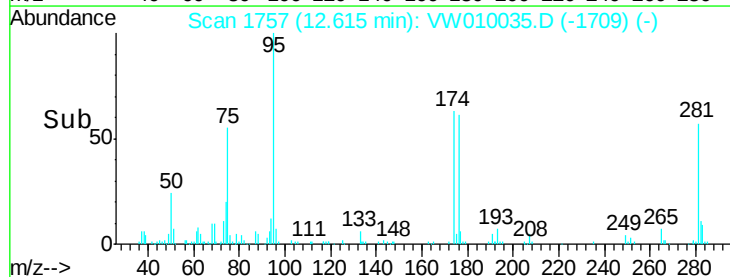
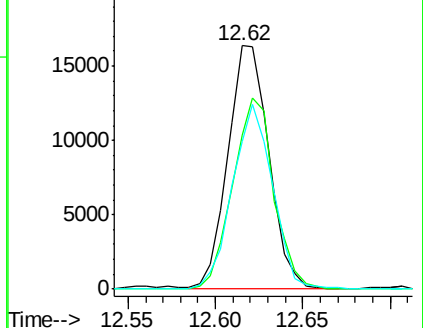
176 74.4 0.0 146.2

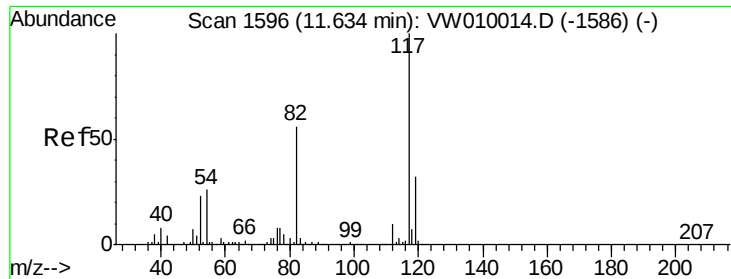


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

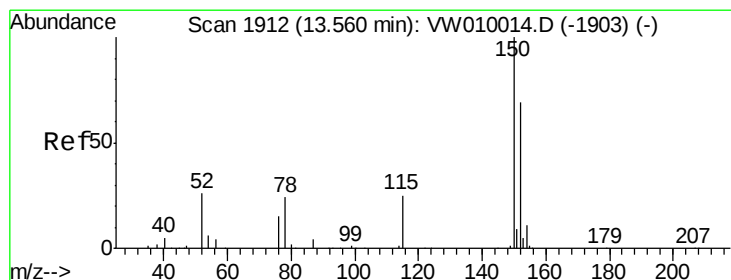
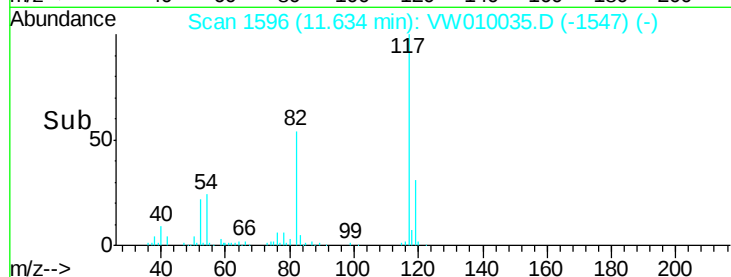
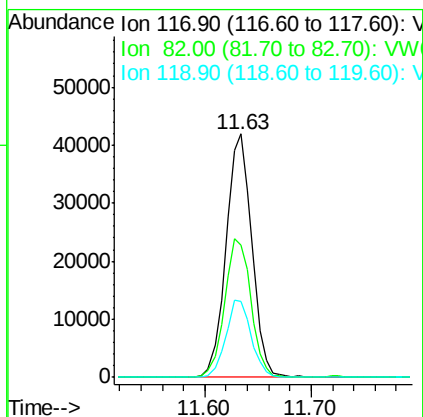
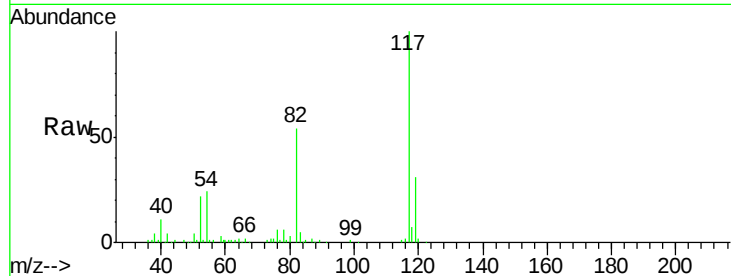




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010035.D
Acq: 18 Apr 2019 03:09

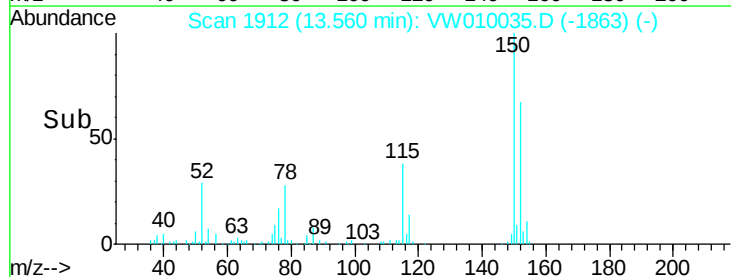
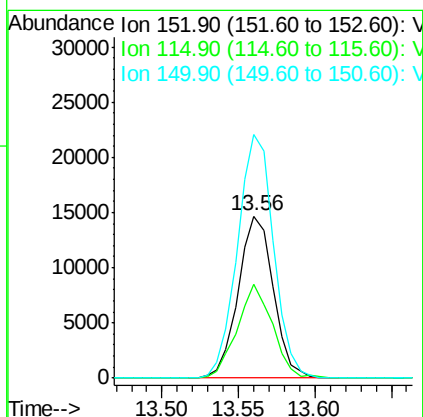
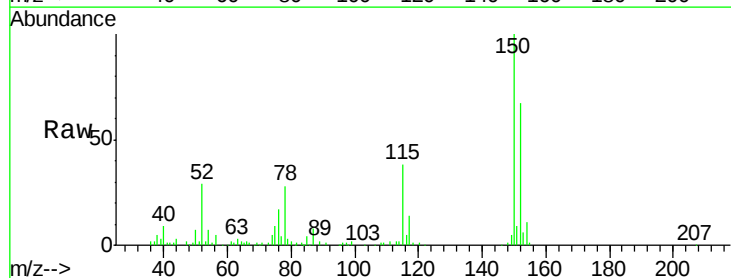
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-037-B

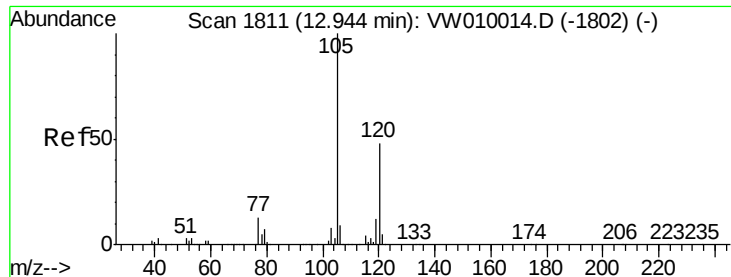
Tot Ion:117 Resp: 71088
Ion Ratio Lower Upper
117 100
82 54.4 45.2 67.8
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010035.D
Acq: 18 Apr 2019 03:09

Tgt Ion:152 Resp: 23370
Ion Ratio Lower Upper
152 100
115 58.2 30.4 91.2
150 154.4 0.0 347.0

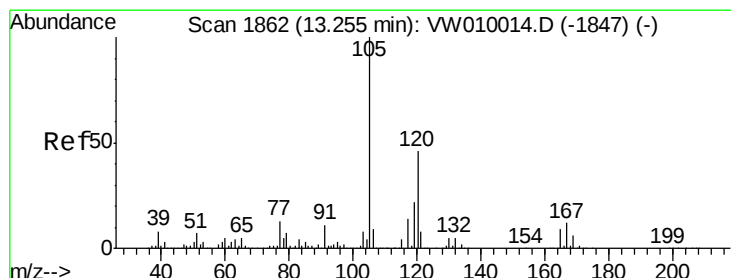
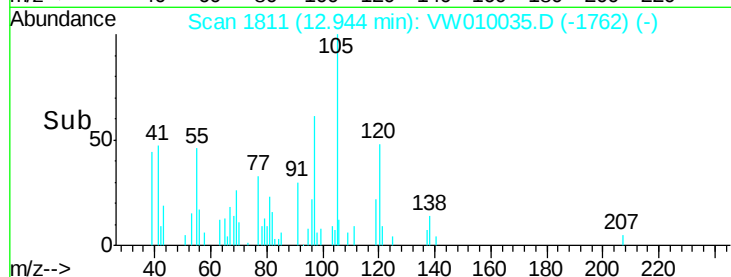
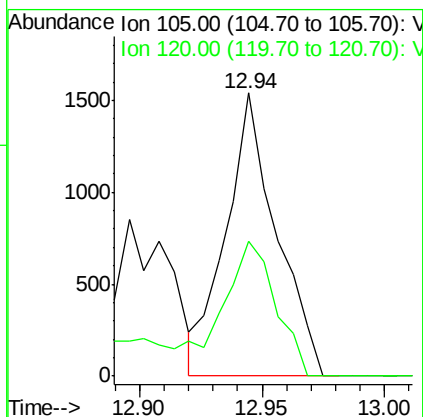
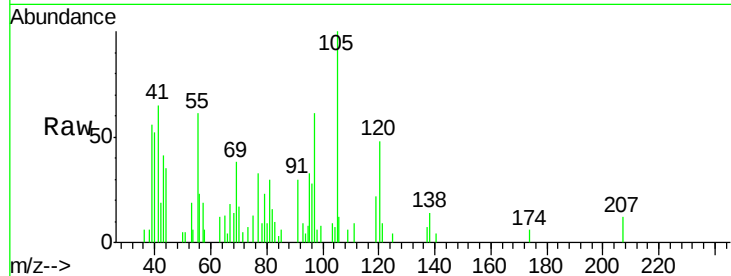




#80
 1,3,5-Trimethylbenzene
 Concen: 1.598 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010035.D
 Acq: 18 Apr 2019 03:09

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

Tot Ion:105 Resp: 2204
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.118 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010035.D
 Acq: 18 Apr 2019 03:09

Tgt Ion:105 Resp: 2962
 Ion Ratio Lower Upper
 105 100
 120 38.6 22.6 67.7

