

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009612.D
 Acq On : 31 Mar 2019 15:54
 Operator : SY/VA
 Sample : K2131-02
 Misc : 6.93G/5.0ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 01 05:30:41 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

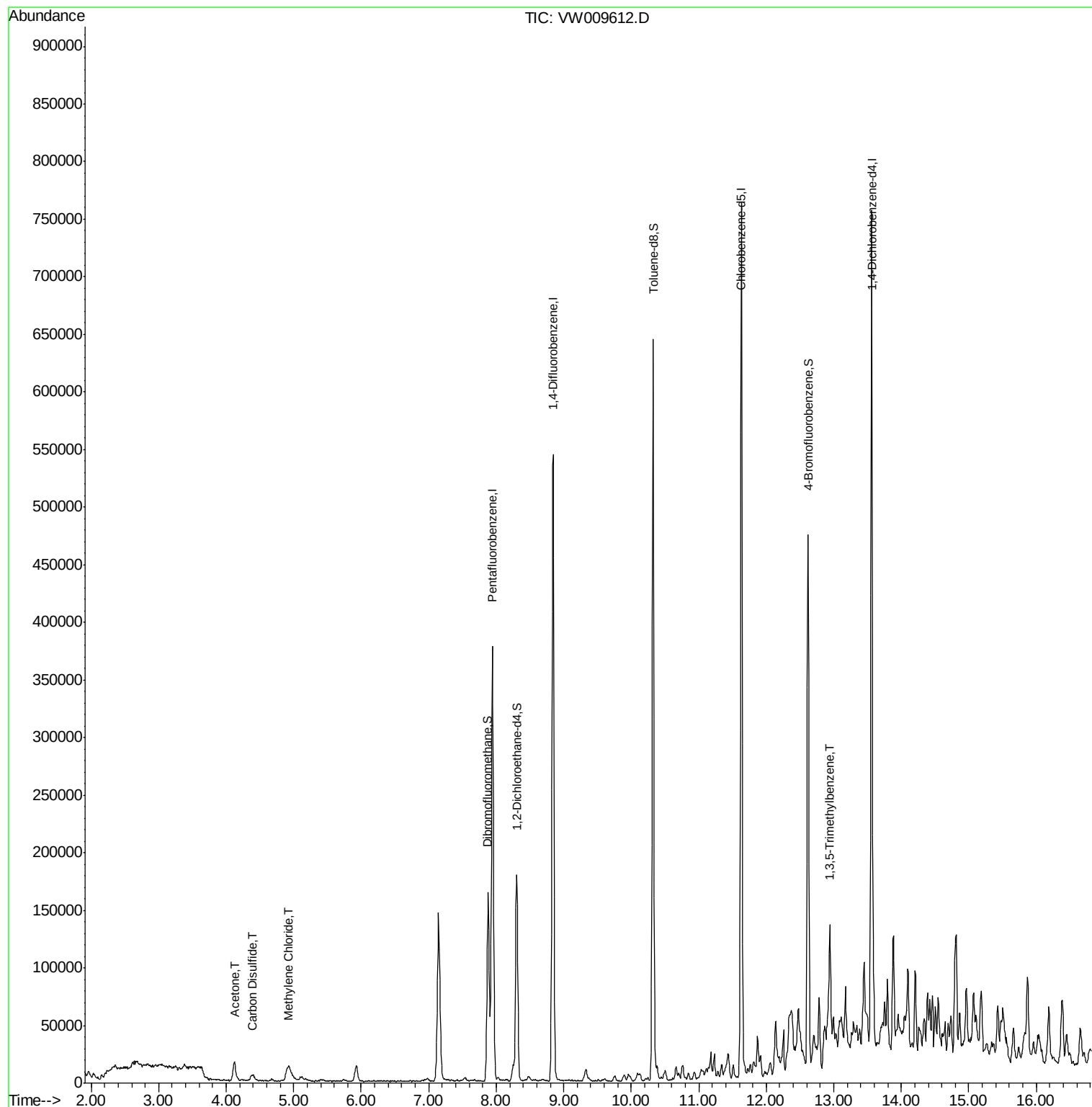
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138517	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
35) Dibromofluoromethane	7.88	113	111196	41.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.76%	
50) Toluene-d8	10.32	98	381365	38.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.78%	
62) 4-Bromofluorobenzene	12.62	95	131303	35.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.86%	
Target Compounds						
16) Acetone	4.12	43	30538	45.367	ug/l	93
17) Carbon Disulfide	4.38	76	9363	1.302	ug/l #	88
20) Methylene Chloride	4.92	84	12696	1.007	ug/l #	83
80) 1,3,5-Trimethylbenzene	12.94	105	20866	2.039	ug/l	100

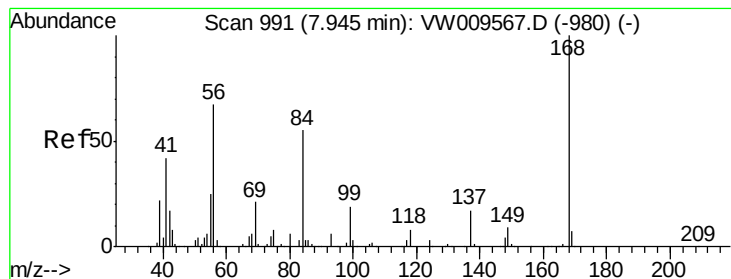
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009612.D

Acq: 31 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

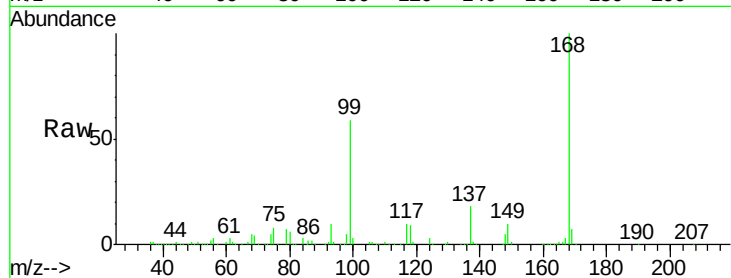
FK-GF-02-035-A

Tot Ion:168 Resp: 261809

Ion Ratio Lower Upper

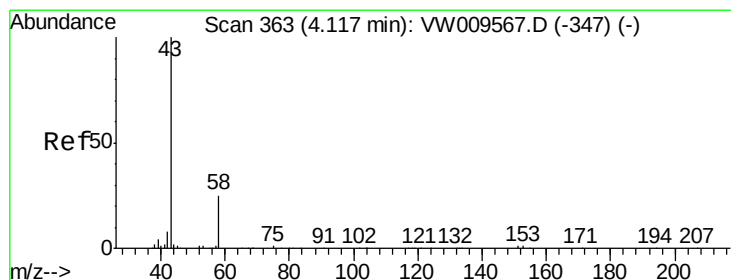
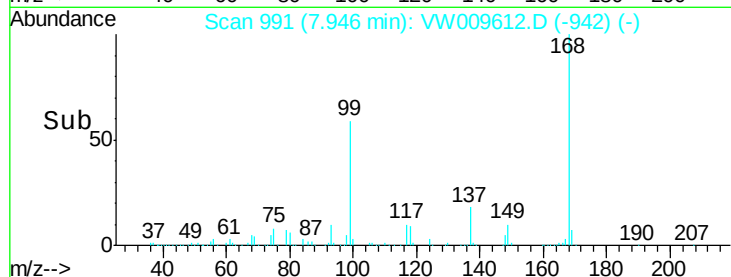
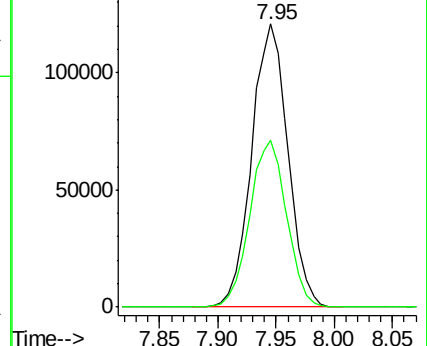
168 100

99 58.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 45.367 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009612.D

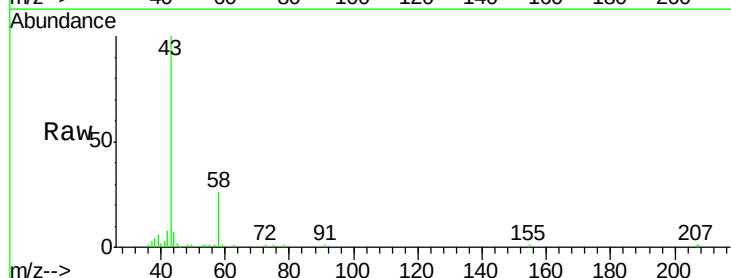
Acq: 31 Mar 2019 15:54

Tgt Ion: 43 Resp: 30538

Ion Ratio Lower Upper

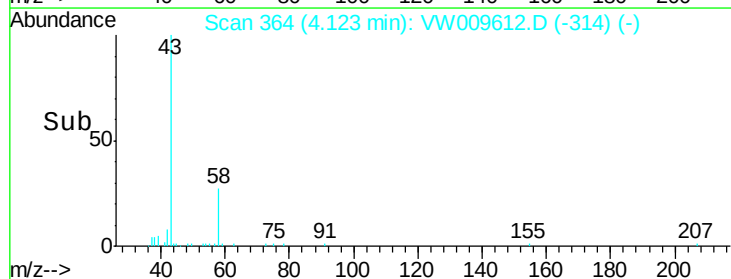
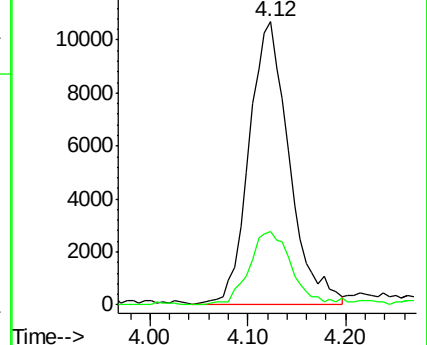
43 100

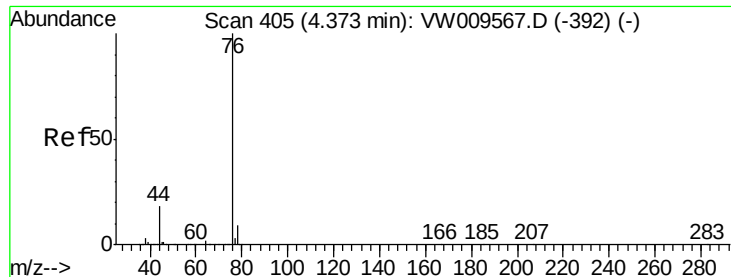
58 25.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

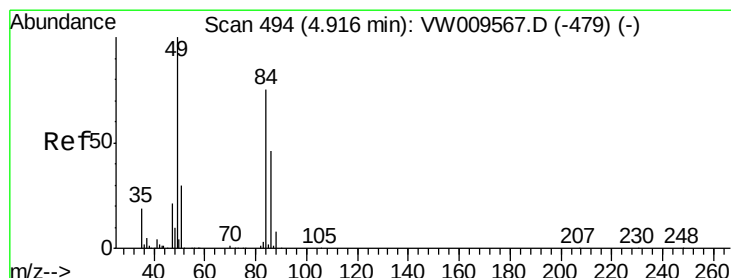
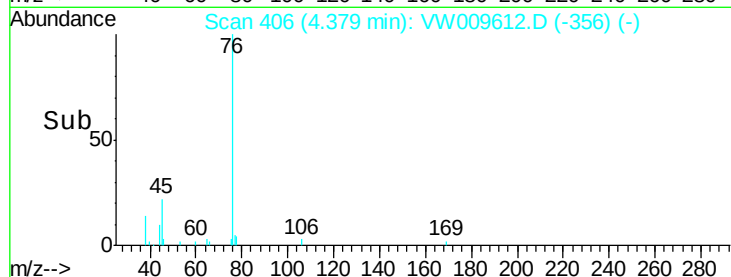
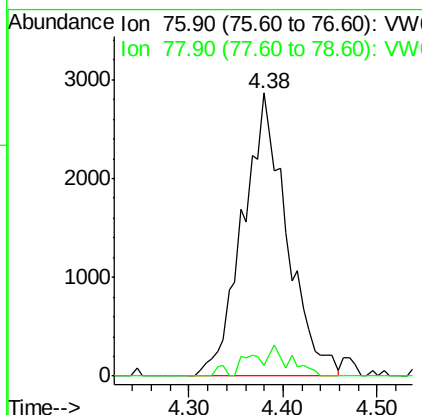
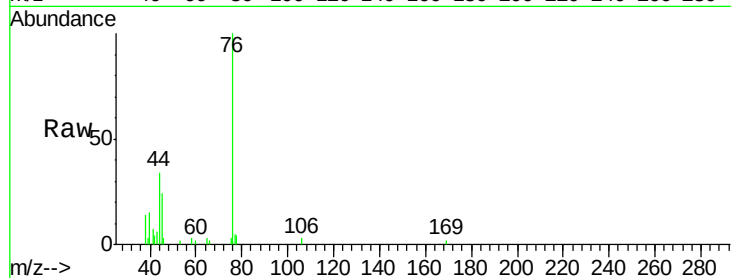




#17
Carbon Disulfide
Concen: 1.302 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW009612.D
Acq: 31 Mar 2019 15:54

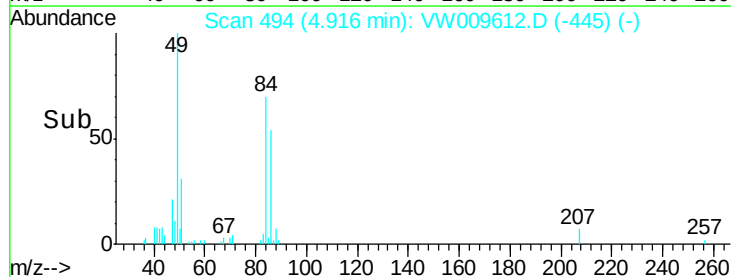
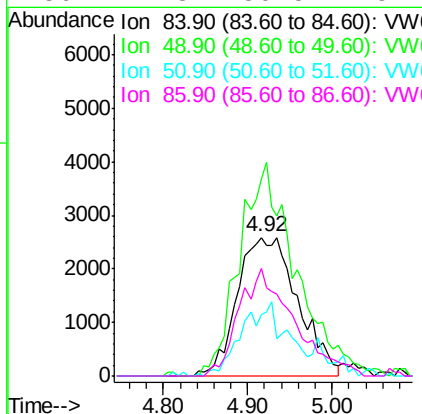
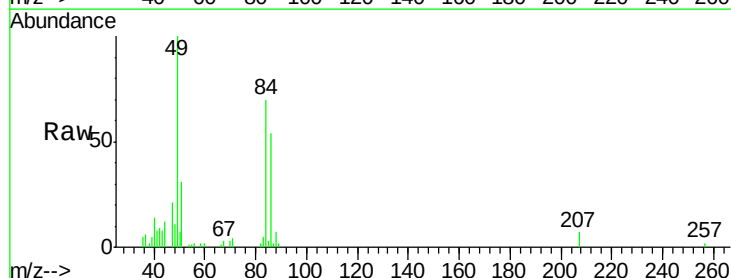
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-035-A

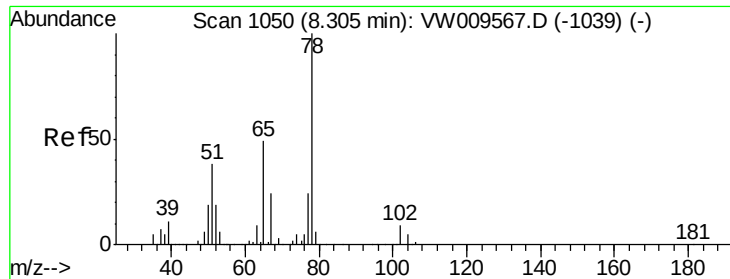
Tot Ion: 76 Resp: 9363
Ion Ratio Lower Upper
76 100
78 3.8 6.6 9.8#



#20
Methylene Chloride
Concen: 1.007 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009612.D
Acq: 31 Mar 2019 15:54

Tgt Ion: 84 Resp: 12696
Ion Ratio Lower Upper
84 100
49 142.7 99.1 148.7
51 44.8 28.7 43.1#
86 77.3 50.5 75.7#

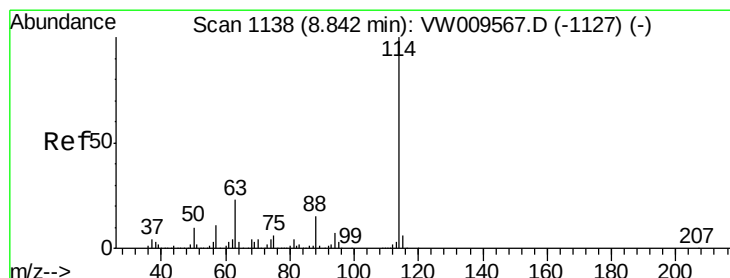
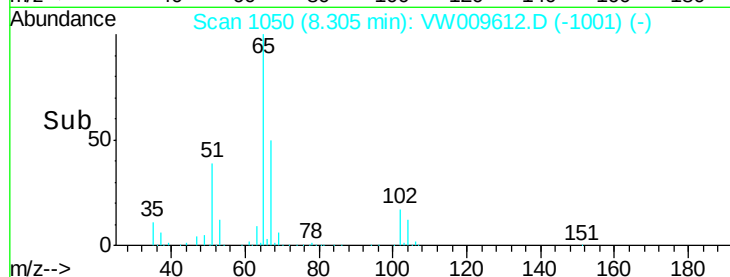
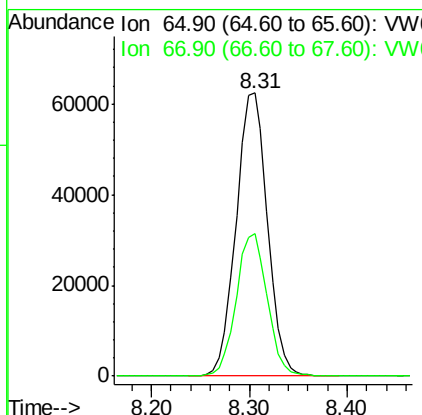
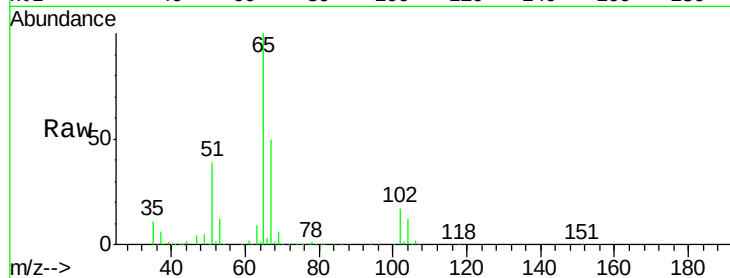




#33
 1,2-Dichloroethane-d4
 Concen: 46.267 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009612.D
 Acq: 31 Mar 2019 15:54

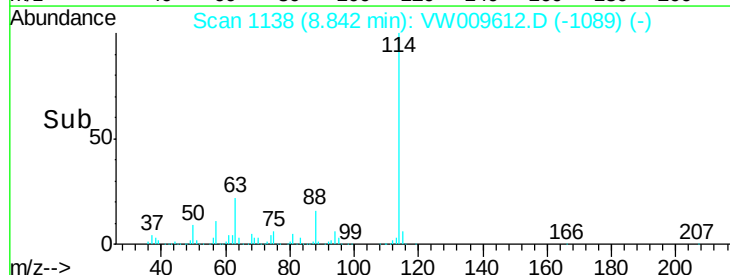
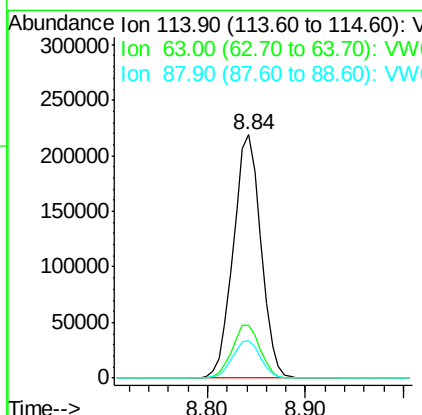
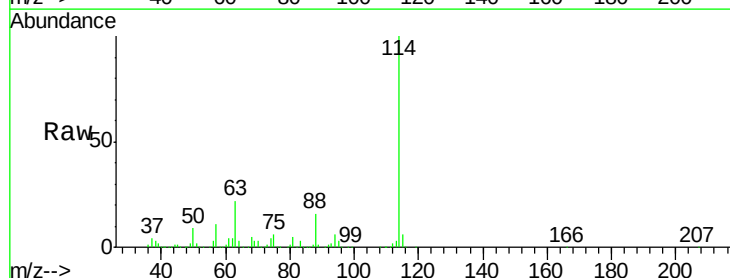
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-035-A

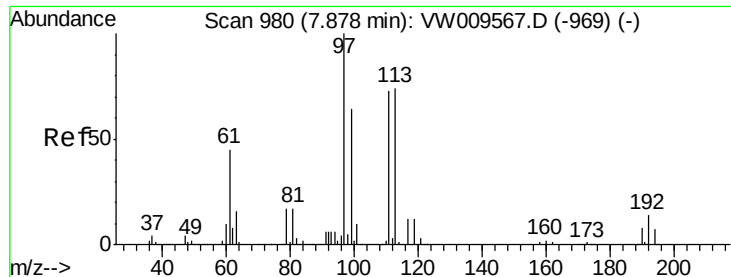
Tot Ion: 65 Resp: 138517
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009612.D
 Acq: 31 Mar 2019 15:54

Tgt Ion: 114 Resp: 427877
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.2
 88 15.6 0.0 30.8

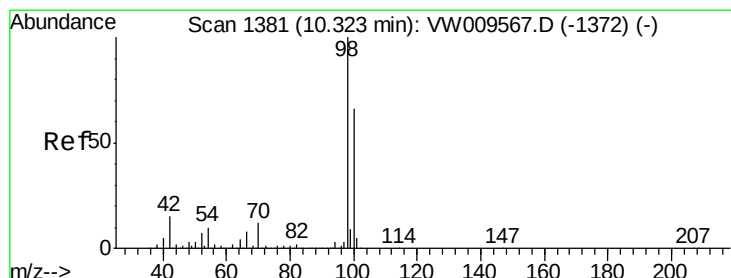
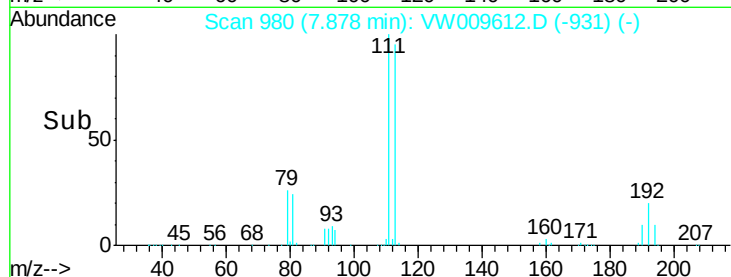
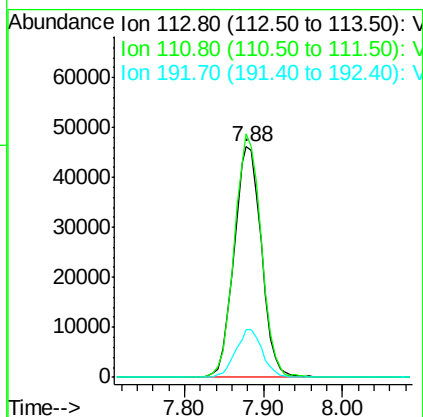
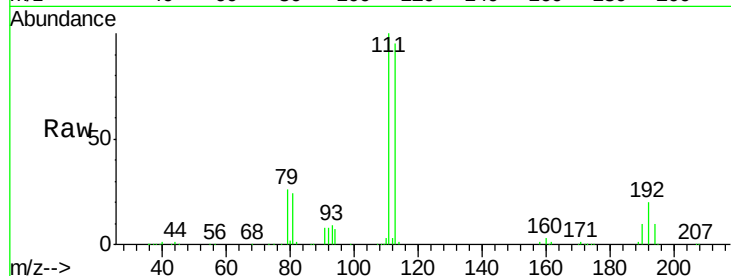




#35
Dibromofluoromethane
Concen: 41.377 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW009612.D
Acq: 31 Mar 2019 15:54

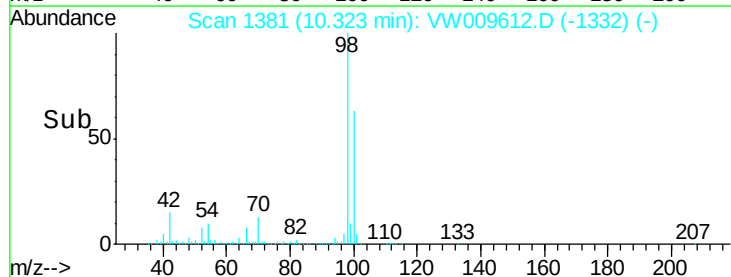
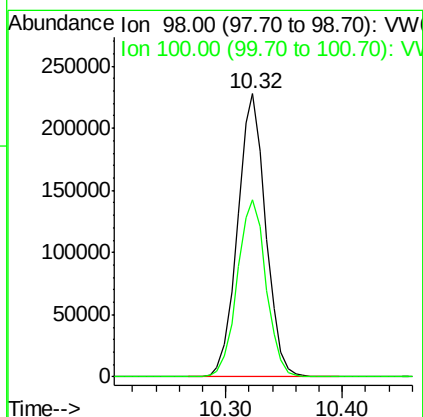
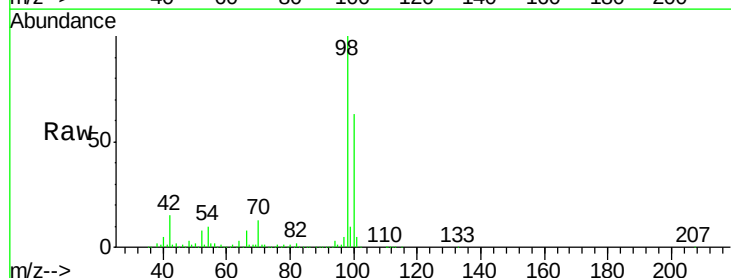
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-035-A

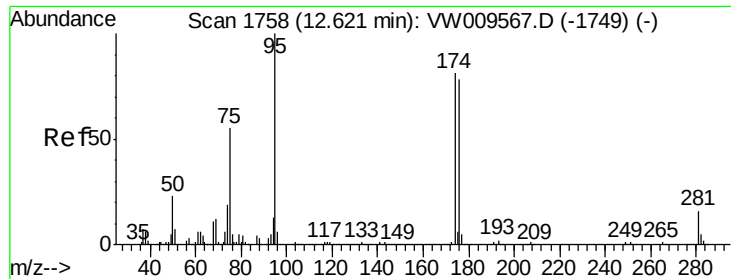
Tot Ion:113 Resp: 111196
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.2 16.4 24.6



#50
Toluene-d8
Concen: 38.394 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009612.D
Acq: 31 Mar 2019 15:54

Tgt Ion: 98 Resp: 381365
Ion Ratio Lower Upper
98 100
100 64.1 52.6 79.0

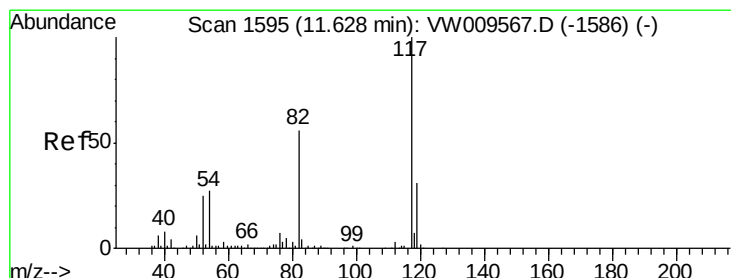
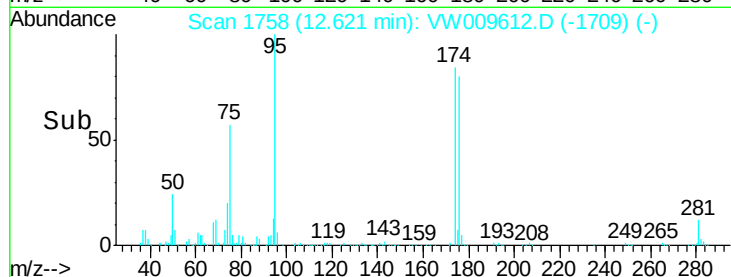
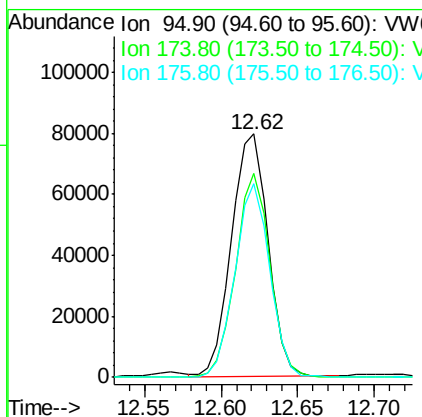
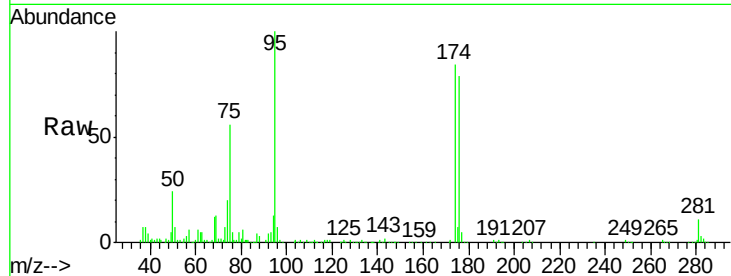




#62
4-Bromofluorobenzene
Concen: 35.434 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009612.D
Acq: 31 Mar 2019 15:54

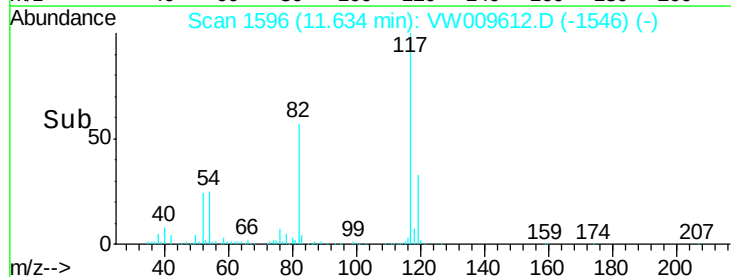
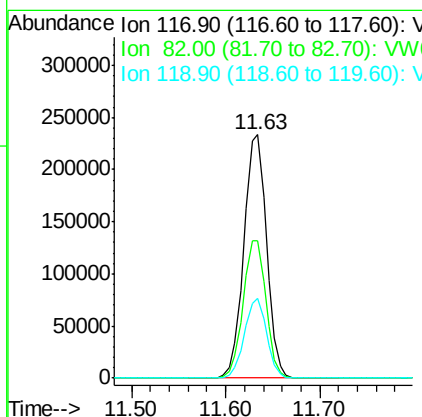
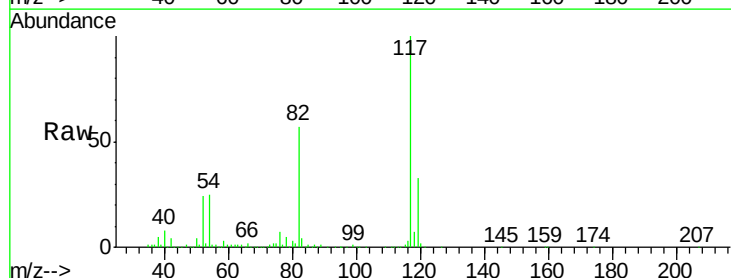
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ClientSampleId :
FK-GF-02-035-A

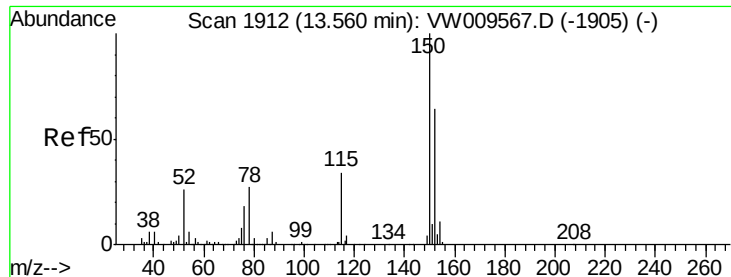
Tot Ion: 95 Resp: 131303
Ion Ratio Lower Upper
95 100
174 79.7 0.0 168.4
176 76.5 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009612.D
Acq: 31 Mar 2019 15:54

Tgt Ion: 117 Resp: 394133
Ion Ratio Lower Upper
117 100
82 56.5 43.6 65.4
119 32.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009612.D

Acq: 31 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-035-A

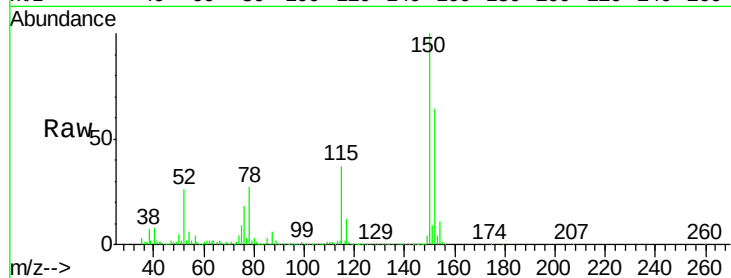
Tot Ion:152 Resp: 174616

Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.8

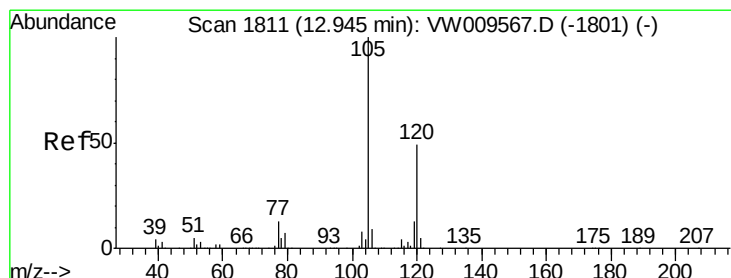
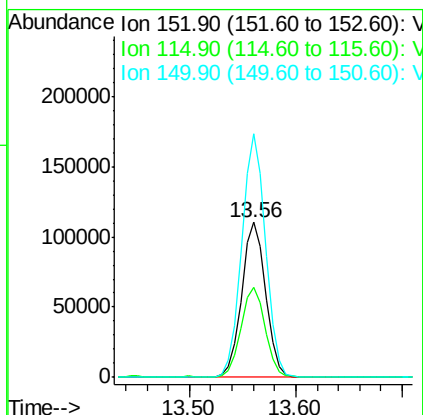
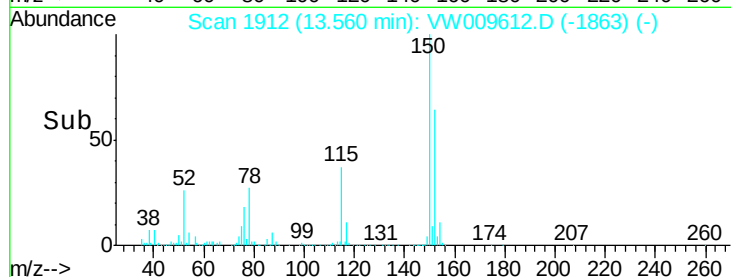
150 155.7 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 2.039 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009612.D

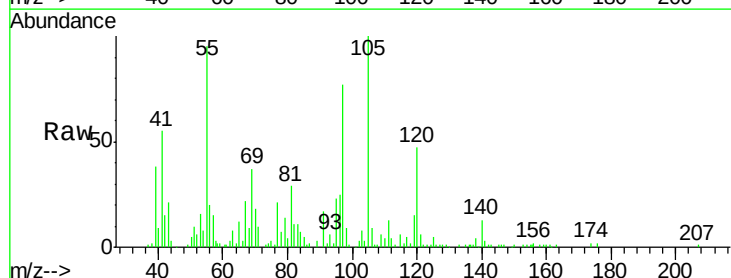
Acq: 31 Mar 2019 15:54

Tgt Ion:105 Resp: 20866

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

