

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010055.D
 Acq On : 18 Apr 2019 19:46
 Operator : SY/VA
 Sample : K2436-04
 Misc : 6.96G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-038-B

Quant Time: Apr 19 02:15:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

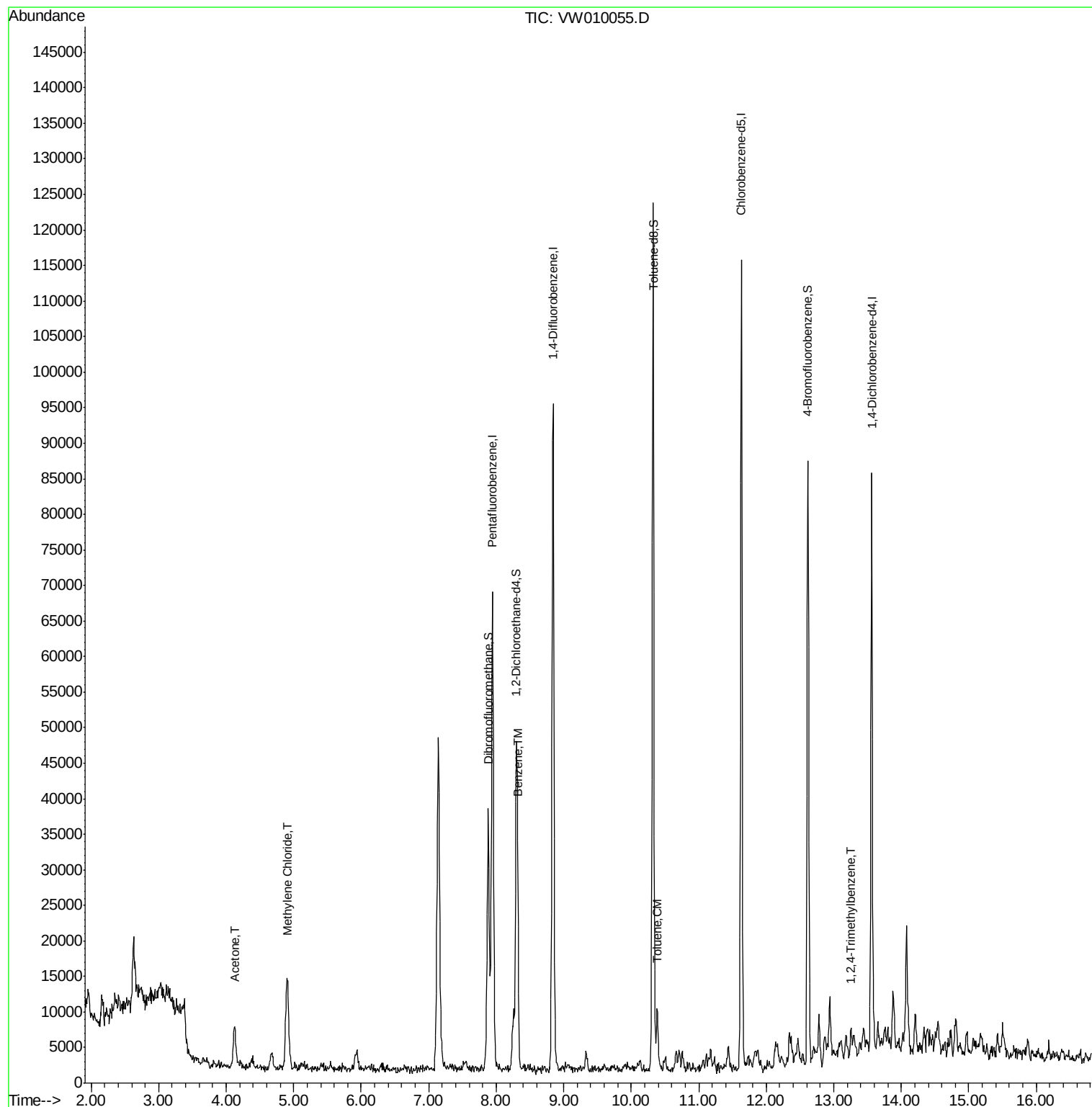
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	71843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	59720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	36631	66.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.96%	
35) Dibromofluoromethane	7.88	113	24770	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
50) Toluene-d8	10.32	98	74049	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
62) 4-Bromofluorobenzene	12.62	95	20510	32.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.94%	
Target Compounds						
16) Acetone	4.12	43	11185	88.140	ug/l #	88
20) Methylene Chloride	4.91	84	8419	13.960	ug/l	95
40) Benzene	8.32	78	2183	1.088	ug/l	91
52) Toluene	10.38	92	3616	2.893	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	1812	1.598	ug/l	95

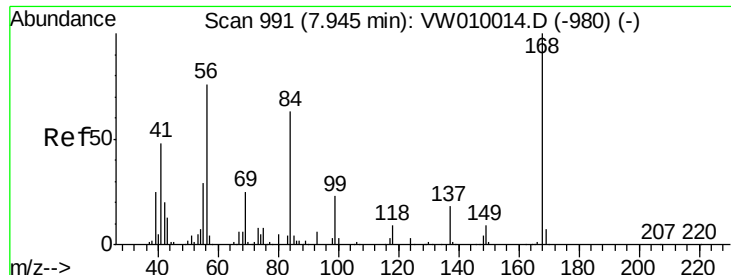
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041819\
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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: VW010055.D

Acq: 18 Apr 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

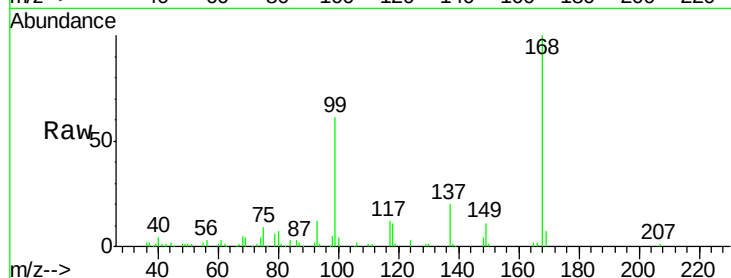
FK-GF-02-038-B

Tot Ion:168 Resp: 44320

Ion Ratio Lower Upper

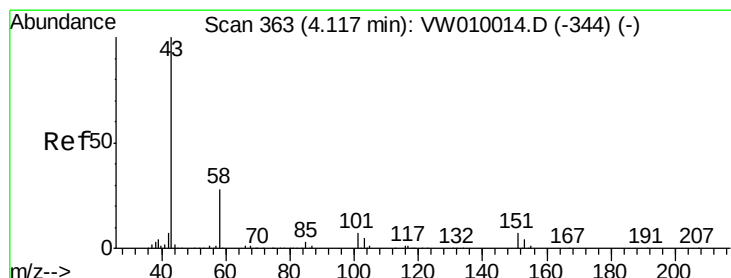
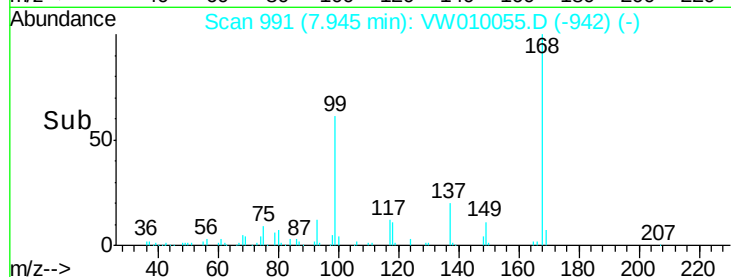
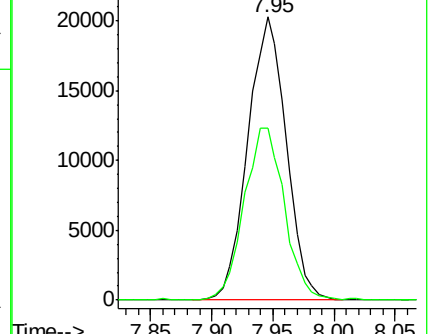
168 100

99 60.9 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: 88.140 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010055.D

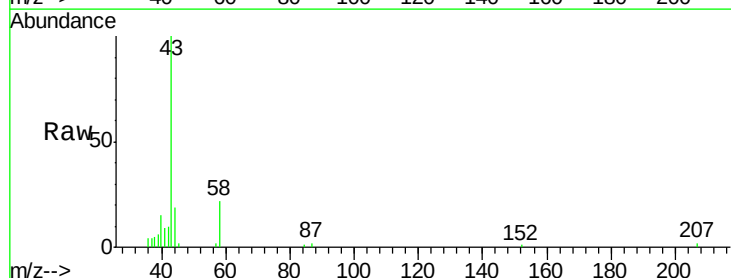
Acq: 18 Apr 2019 19:46

Tgt Ion: 43 Resp: 11185

Ion Ratio Lower Upper

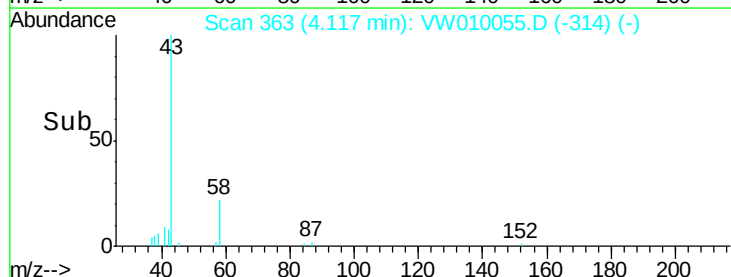
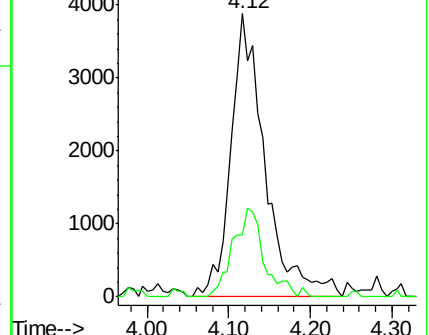
43 100

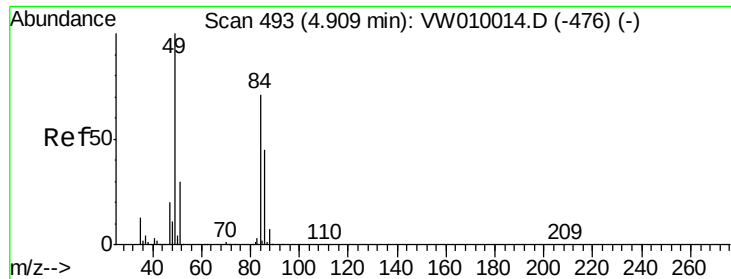
58 21.9 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

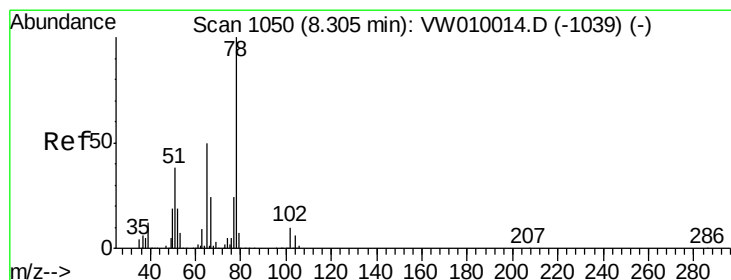
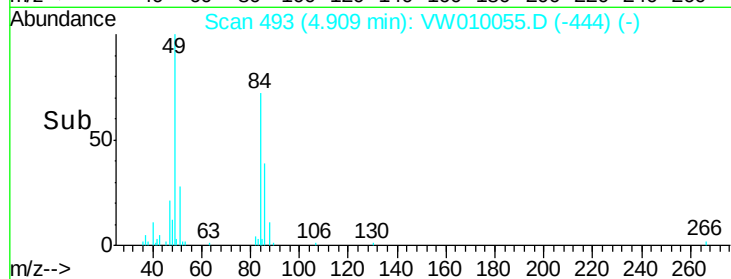
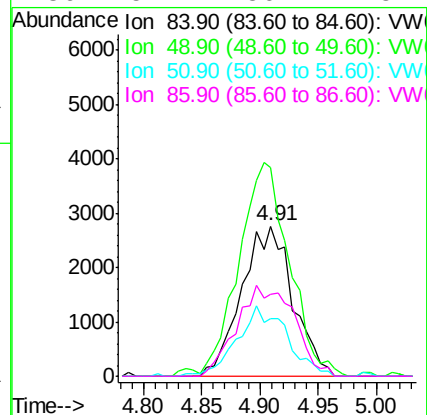
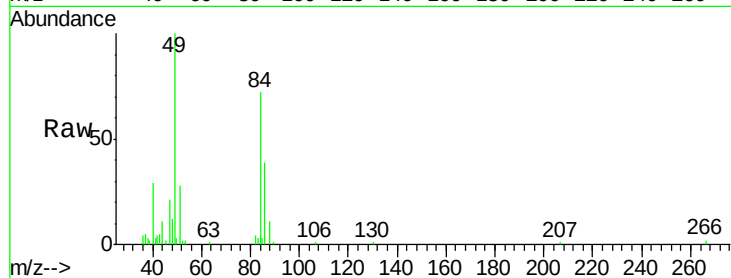




#20
Methylene Chloride
Concen: 13.960 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010055.D
Acq: 18 Apr 2019 19:46

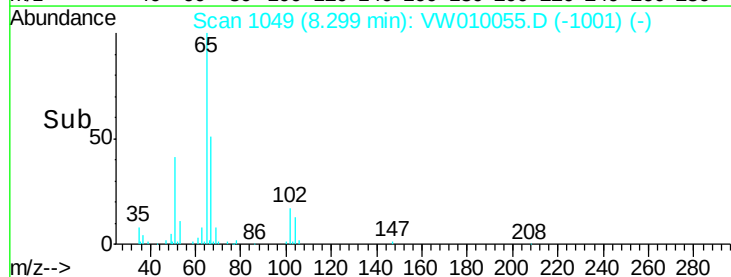
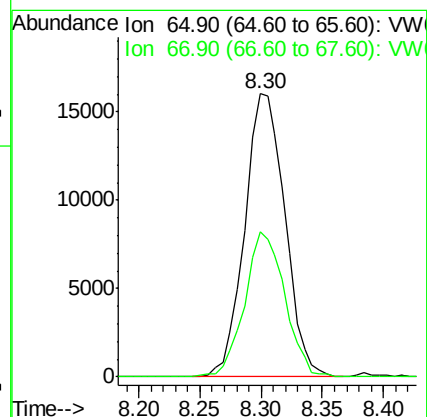
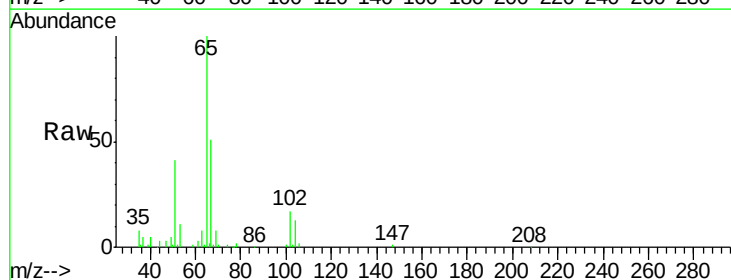
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-038-B

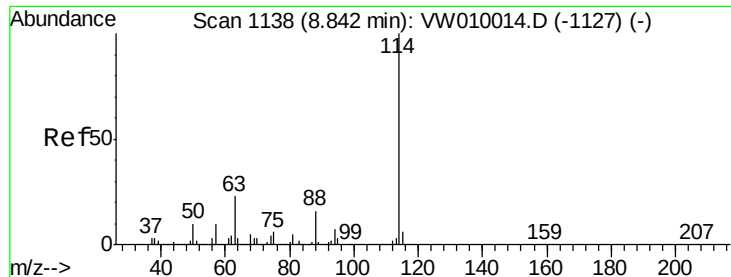
Tot Ion	84	Resp	8419
Ion	Ratio	Lower	Upper
84	100		
49	137.3	112.3	168.5
51	38.3	33.9	50.9
86	54.2	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 66.975 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW010055.D
Acq: 18 Apr 2019 19:46

Tgt Ion	65	Resp	36631
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	100.8

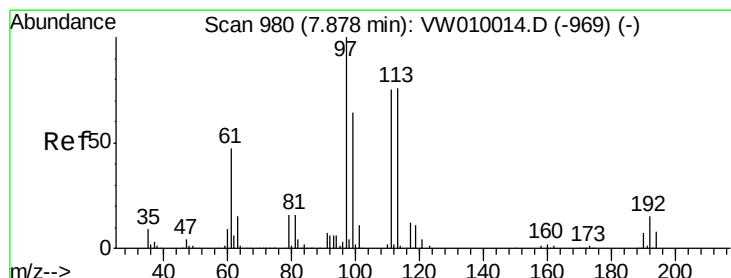
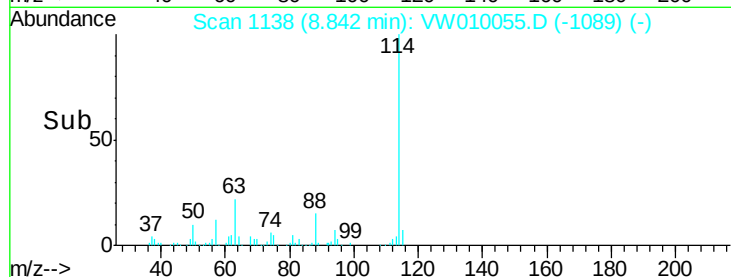
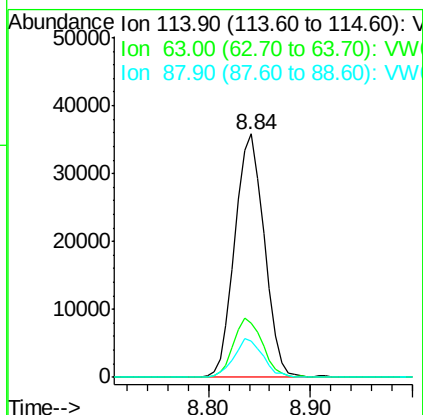
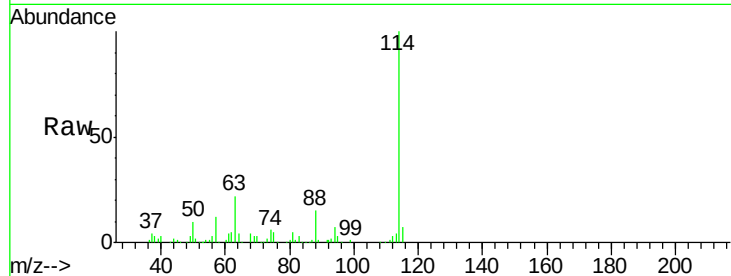




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010055.D
 Acq: 18 Apr 2019 19:46

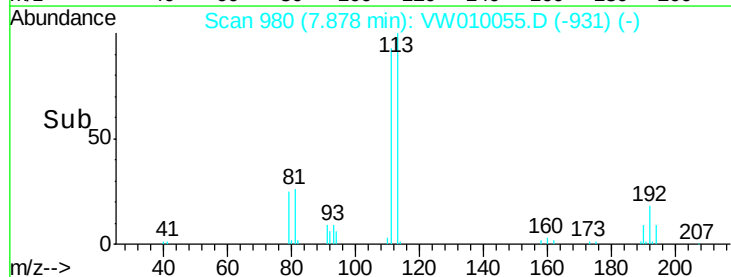
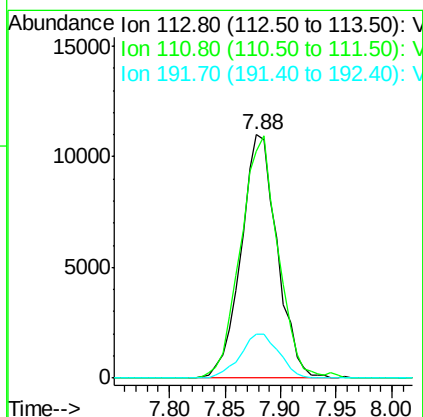
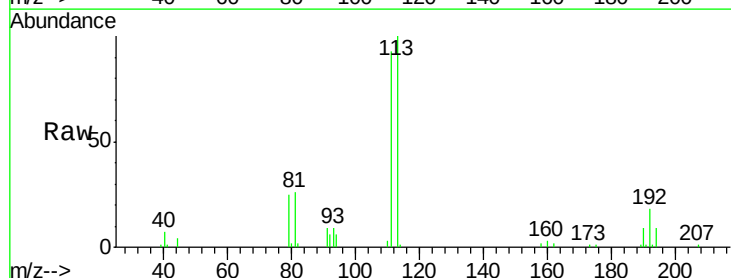
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-038-B

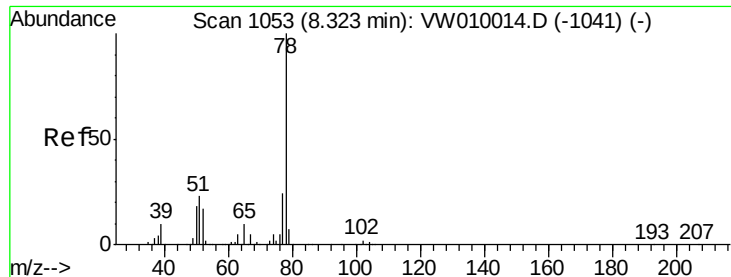
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	46.2
88	14.9	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 54.231 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010055.D
 Acq: 18 Apr 2019 19:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	19.4	15.4	23.2





#40

Benzene

Concen: 1.088 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW010055.D

Acq: 18 Apr 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

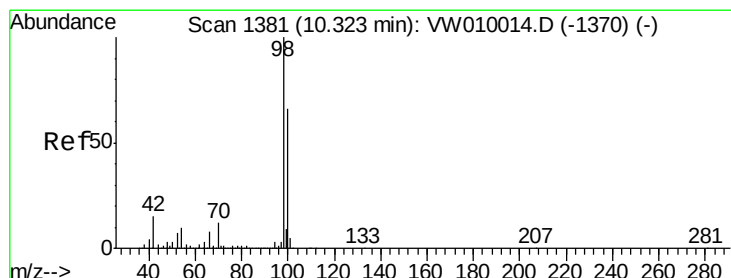
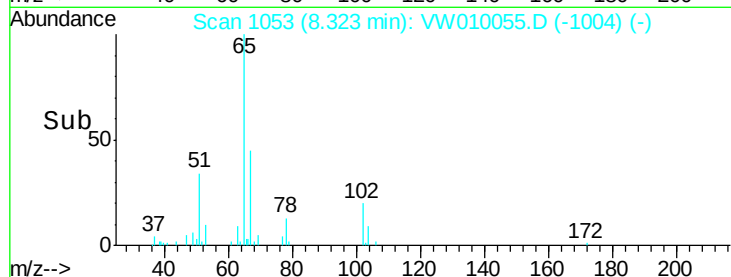
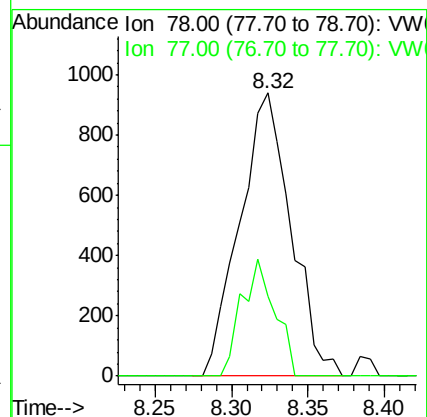
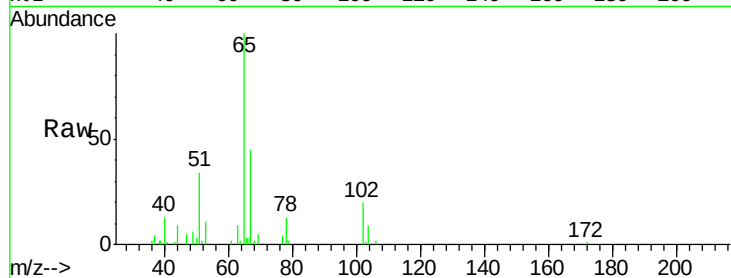
FK-GF-02-038-B

Tot Ion: 78 Resp: 2183

Ion Ratio Lower Upper

78 100

77 28.4 19.1 28.7



#50

Toluene-d8

Concen: 43.265 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010055.D

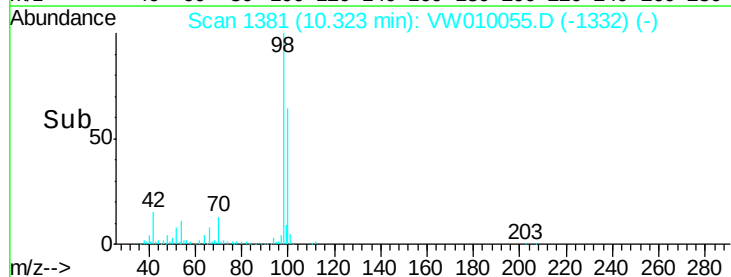
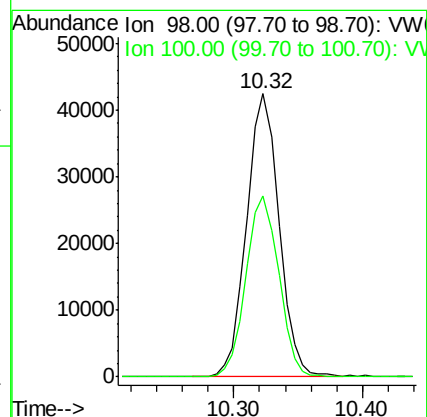
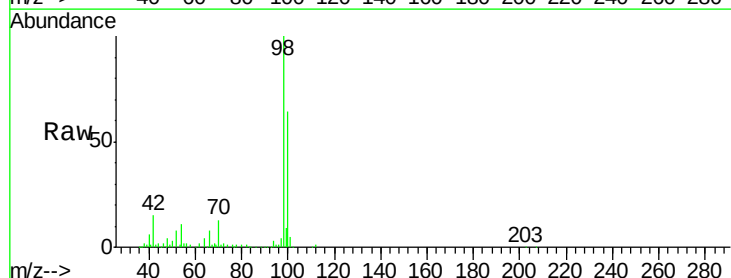
Acq: 18 Apr 2019 19:46

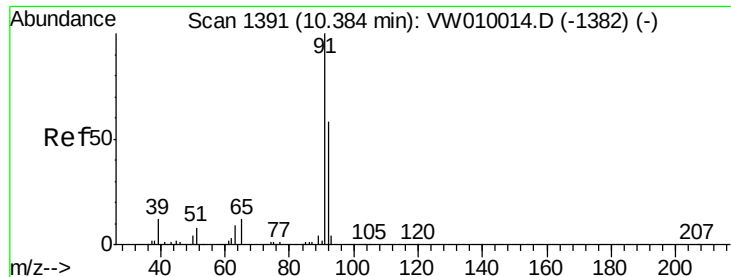
Tgt Ion: 98 Resp: 74049

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5





#52

Toluene

Concen: 2.893 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010055.D

Acq: 18 Apr 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

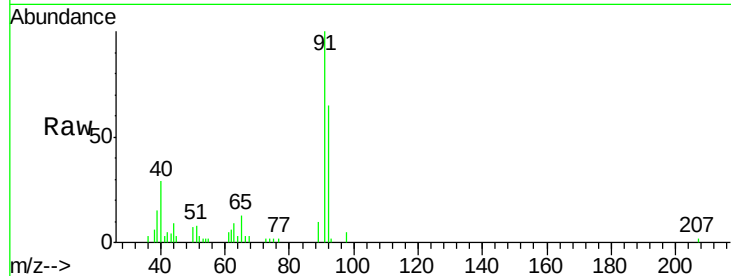
FK-GF-02-038-B

Tot Ion: 92 Resp: 3616

Ion Ratio Lower Upper

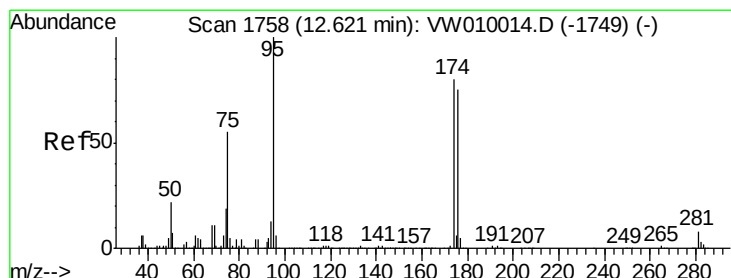
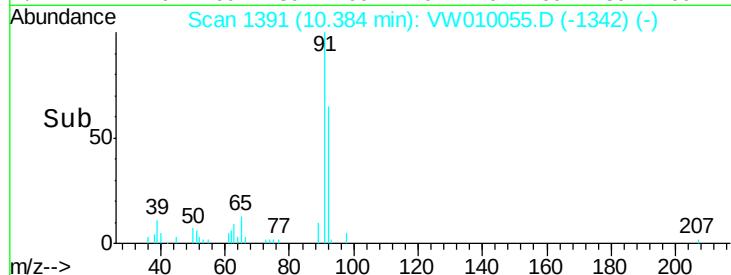
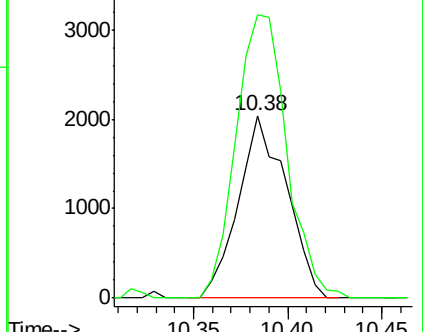
92 100

91 163.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 32.967 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW010055.D

Acq: 18 Apr 2019 19:46

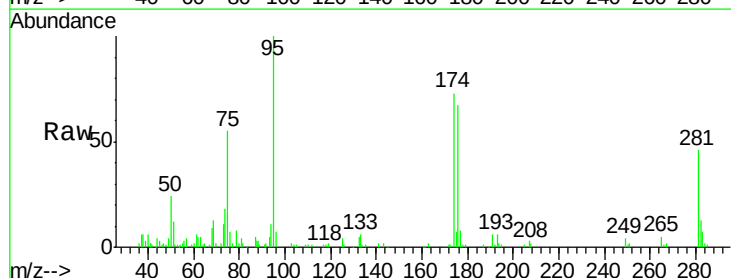
Tgt Ion: 95 Resp: 20510

Ion Ratio Lower Upper

95 100

174 82.9 0.0 151.4

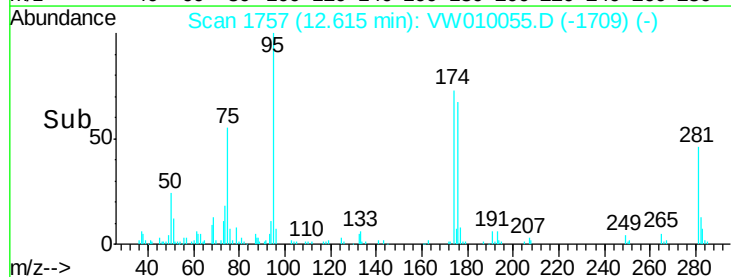
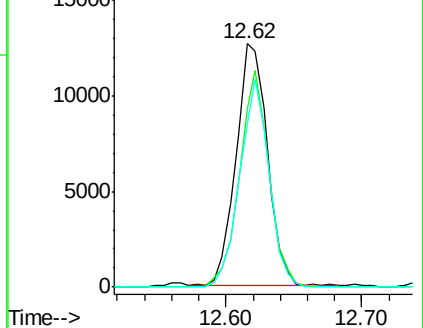
176 79.6 0.0 146.2

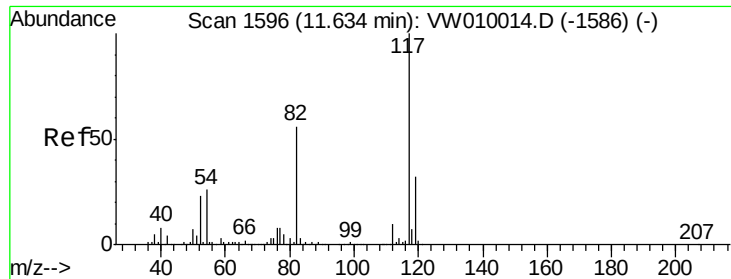


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

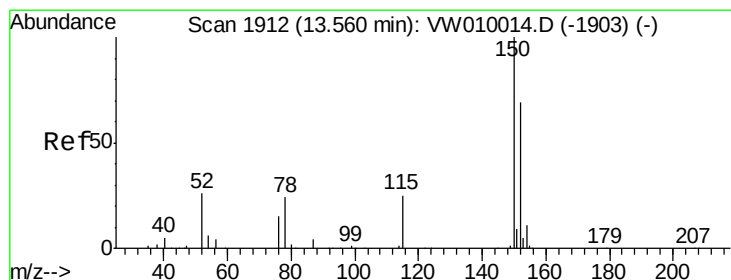
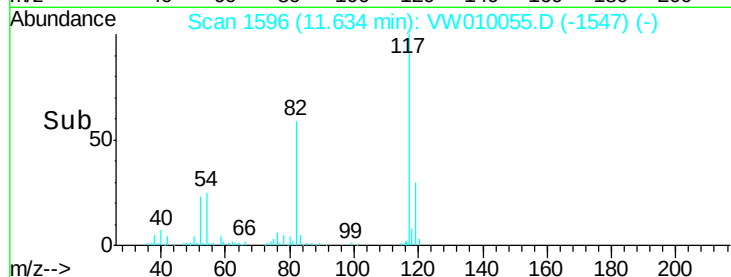
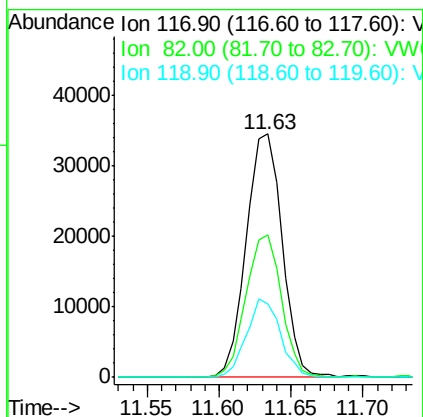
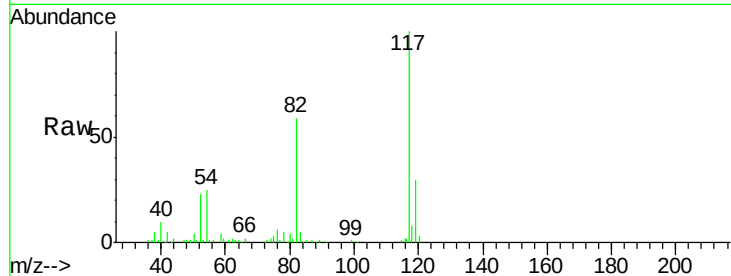




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010055.D
Acq: 18 Apr 2019 19:46

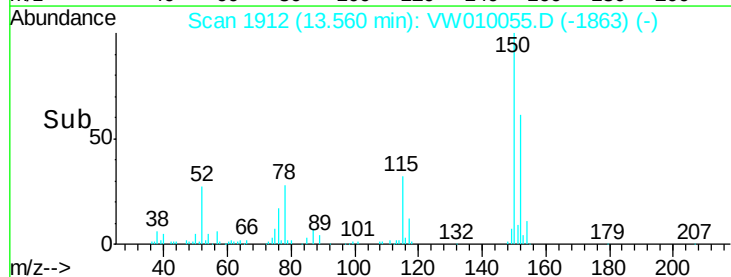
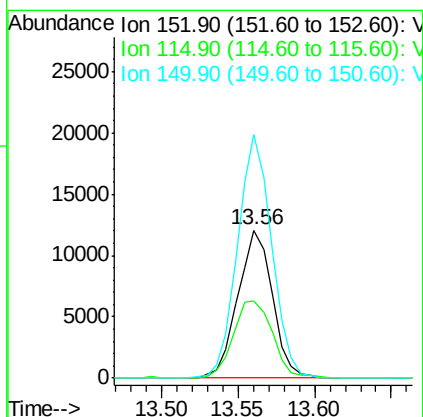
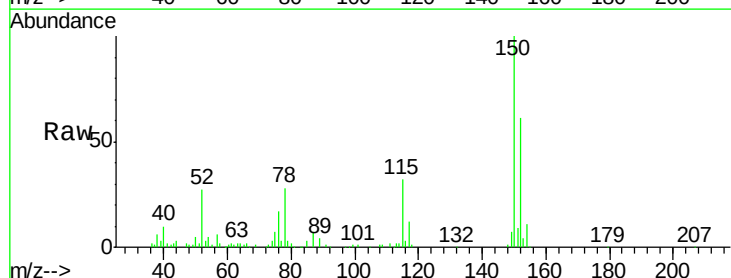
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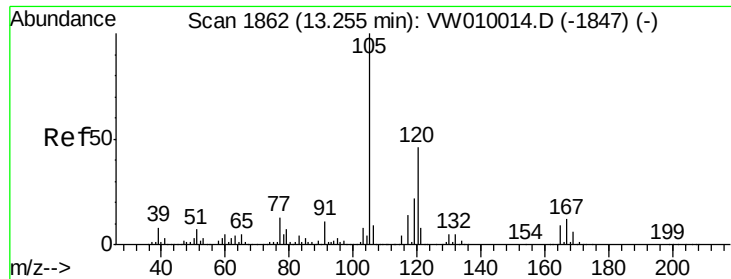
Tot Ion:117 Resp: 59720
Ion Ratio Lower Upper
117 100
82 58.5 45.2 67.8
119 29.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010055.D
Acq: 18 Apr 2019 19:46

Tgt Ion:152 Resp: 18947
Ion Ratio Lower Upper
152 100
115 59.5 30.4 91.2
150 161.7 0.0 347.0





#84

1,2,4-Trimethylbenzene

Concen: 1.598 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW010055.D

Acq: 18 Apr 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

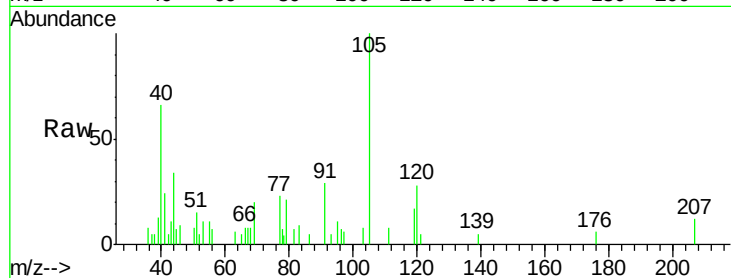
FK-GF-02-038-B

Tot Ion:105 Resp: 1812

Ion Ratio Lower Upper

105 100

120 41.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

