

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008710.D
 Acq On : 16 Feb 2019 04:23
 Operator : SY/VA
 Sample : K1510-02
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-030-A

Quant Time: Feb 16 05:45:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

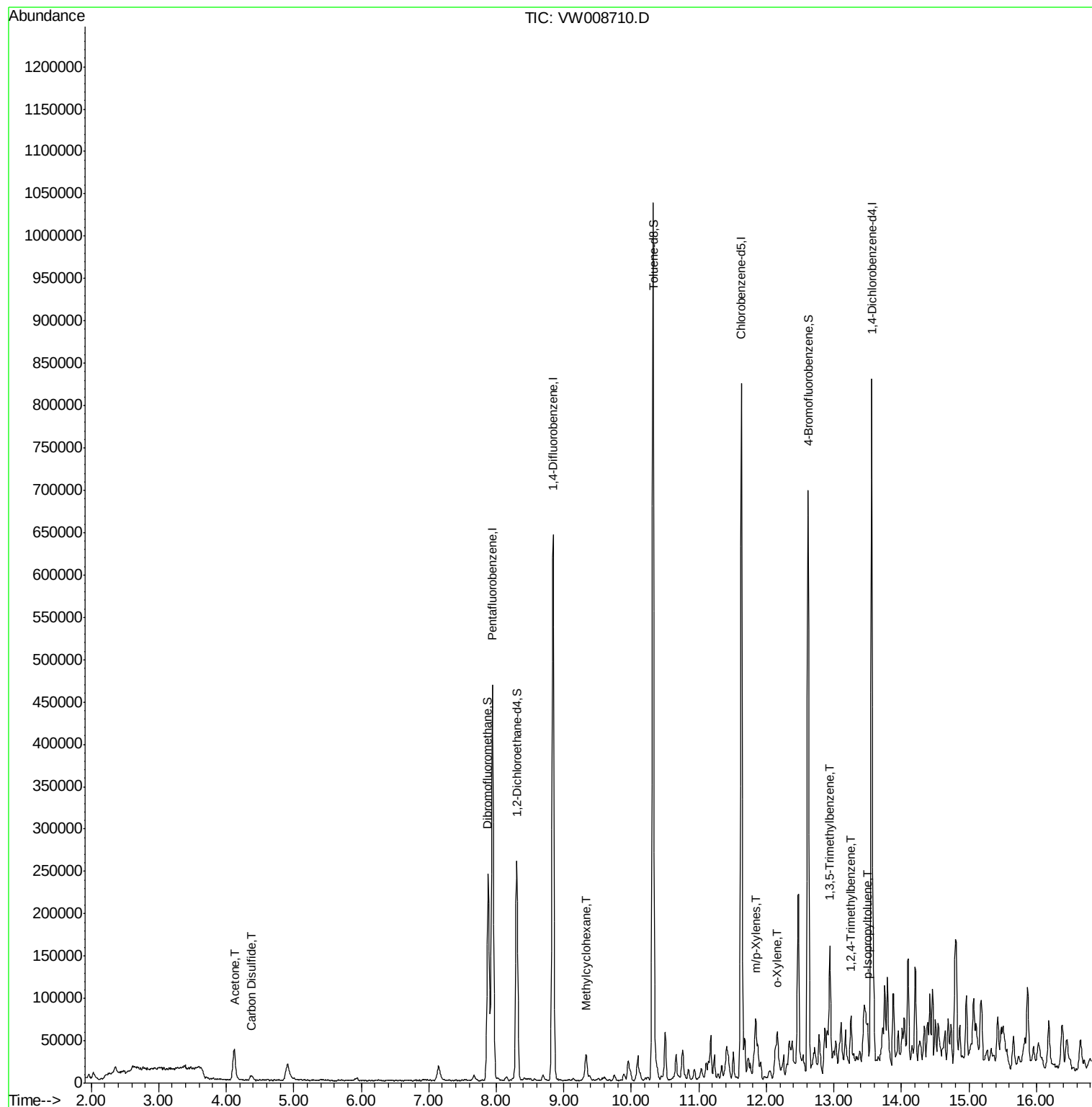
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	352991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	537396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	460317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	192136	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	7.88	113	169931	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.32	98	643641	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.62	95	214394	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
16) Acetone	4.12	43	65343	78.247	ug/l	93
17) Carbon Disulfide	4.38	76	11612	1.117	ug/l #	91
39) Methylcyclohexane	9.33	83	10530	1.542	ug/l	89
68) m/p-Xylenes	11.84	106	8488	1.234	ug/l	96
69) o-Xylene	12.17	106	9618	1.480	ug/l	84
80) 1,3,5-Trimethylbenzene	12.94	105	43991	3.509	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	30214	2.345	ug/l	100
86) p-Isopropyltoluene	13.50	119	21726	1.532	ug/l	99

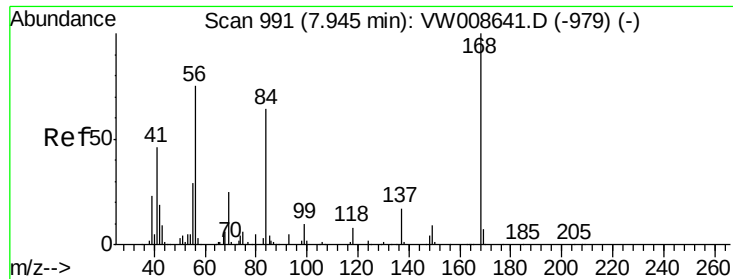
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
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Quant Time: Feb 16 05:45:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 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: VW008710.D

Acq: 16 Feb 2019 04:23

Instrument :

MSVOA_W

ClientSampleId :

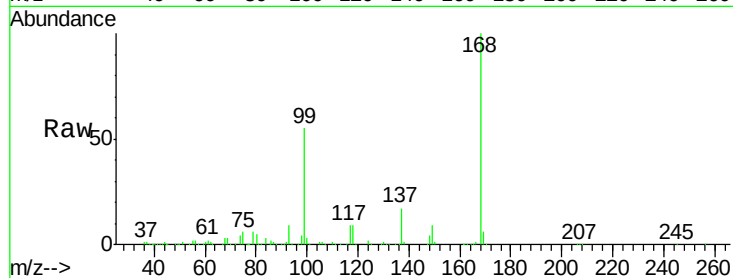
FK-GF-02-030-A

Tot Ion:168 Resp: 352991

Ion Ratio Lower Upper

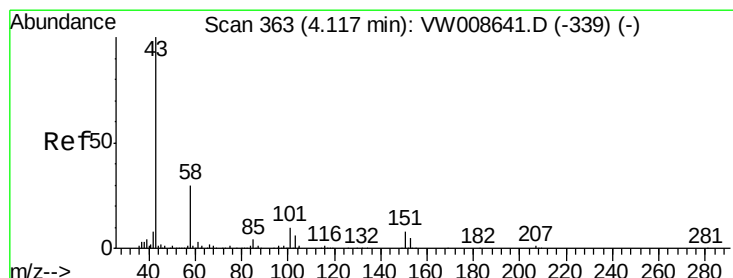
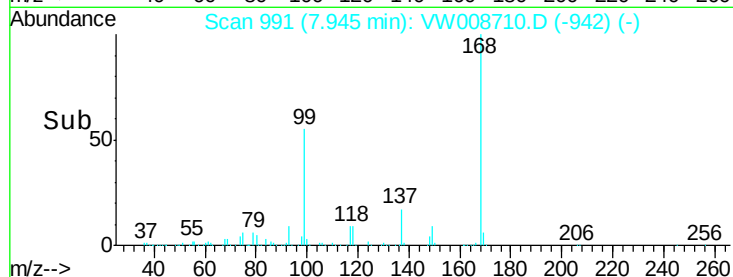
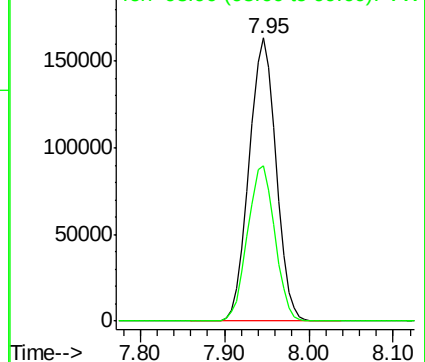
168 100

99 54.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 78.247 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008710.D

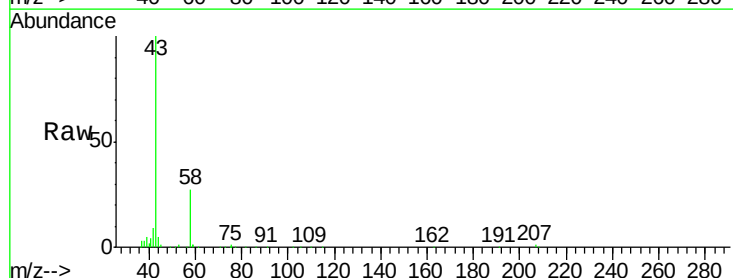
Acq: 16 Feb 2019 04:23

Tgt Ion: 43 Resp: 65343

Ion Ratio Lower Upper

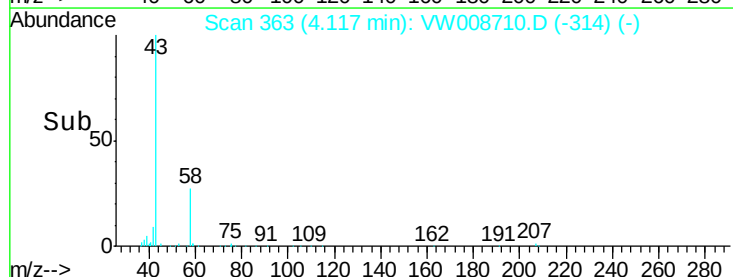
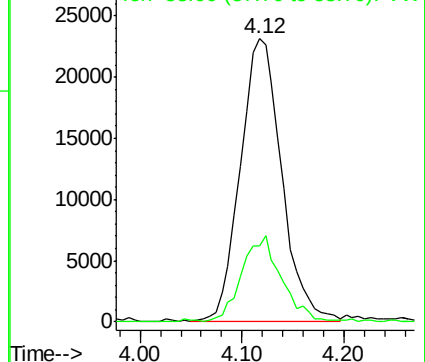
43 100

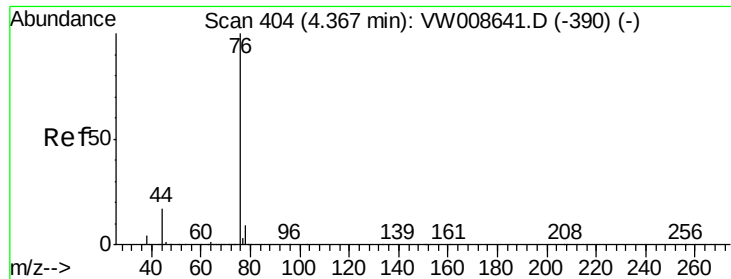
58 26.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.117 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008710.D

Acq: 16 Feb 2019 04:23

Instrument :

MSVOA_W

ClientSampleId :

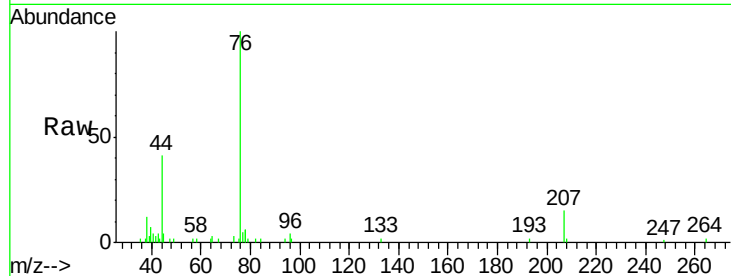
FK-GF-02-030-A

Tot Ion: 76 Resp: 11612

Ion Ratio Lower Upper

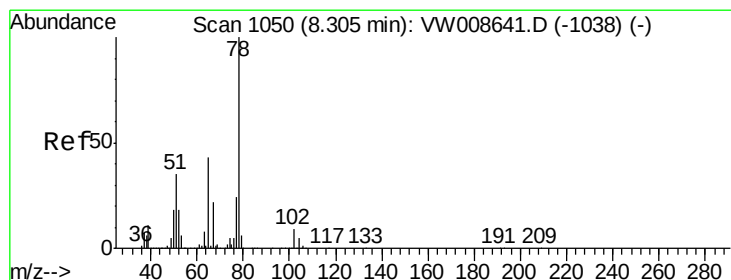
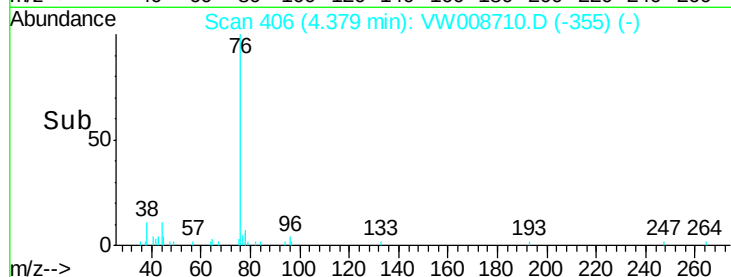
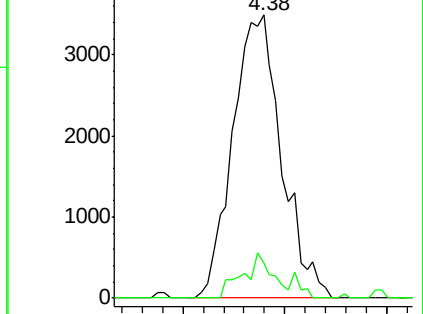
76 100

78 12.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.356 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008710.D

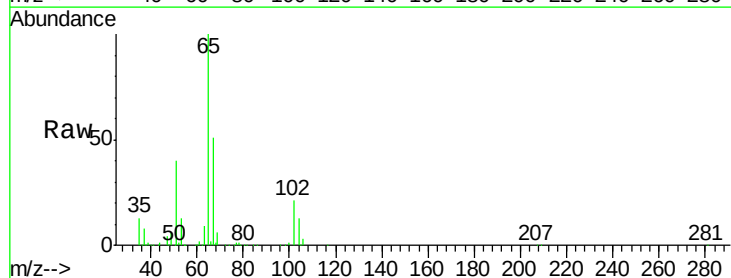
Acq: 16 Feb 2019 04:23

Tgt Ion: 65 Resp: 192136

Ion Ratio Lower Upper

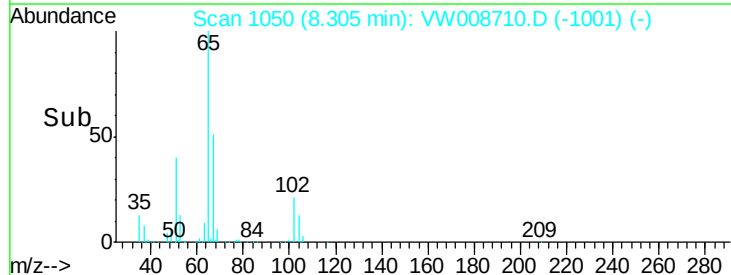
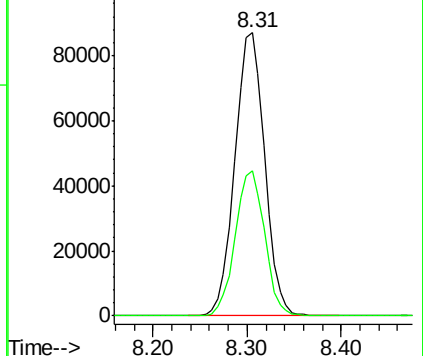
65 100

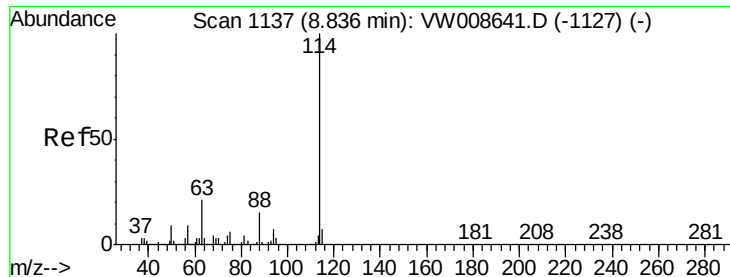
67 50.6 0.0 102.0



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. 0.01 min

Lab File: VW008710.D

Acq: 16 Feb 2019 04:23

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-030-A

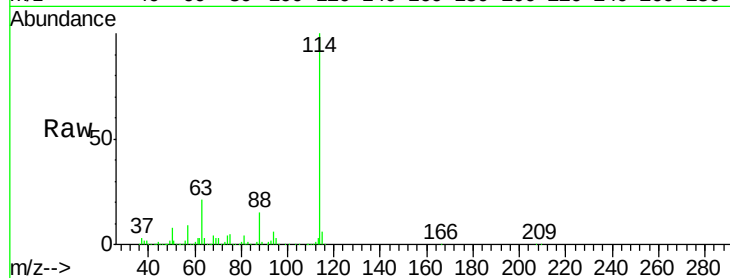
Tot Ion:114 Resp: 537396

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.2

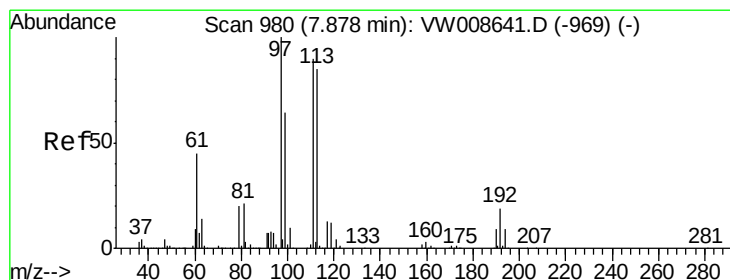
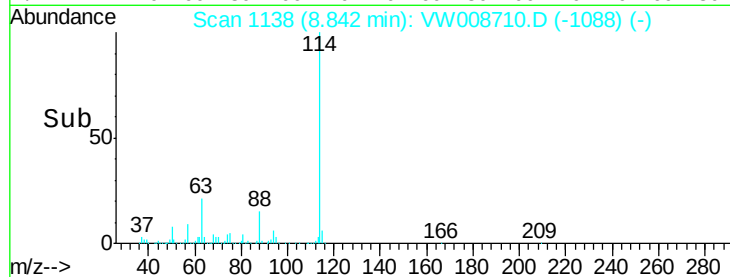
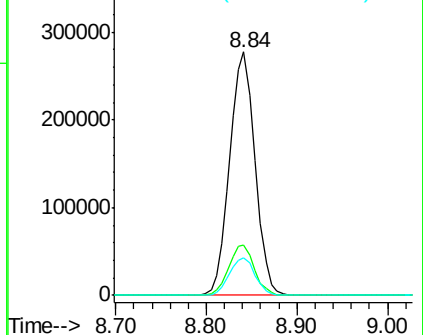
88 15.4 0.0 29.6



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: 50.925 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008710.D

Acq: 16 Feb 2019 04:23

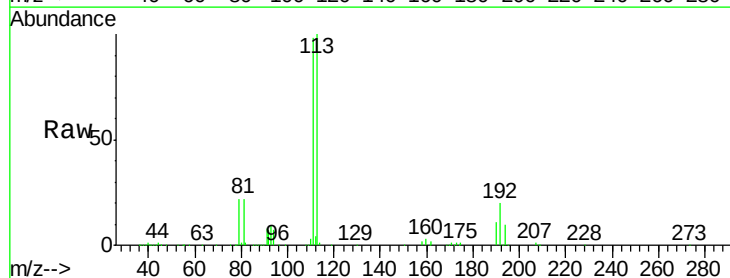
Tgt Ion:113 Resp: 169931

Ion Ratio Lower Upper

113 100

111 102.4 84.0 126.0

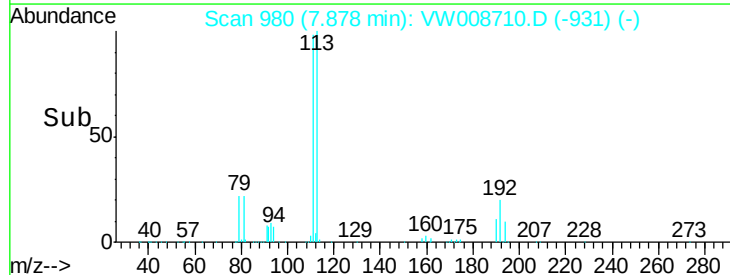
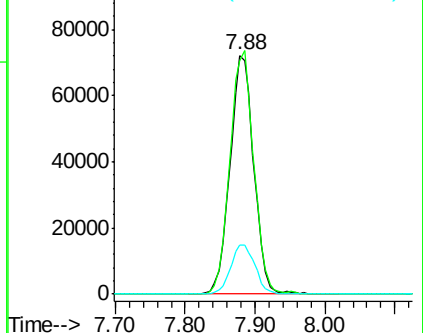
192 21.1 17.4 26.2

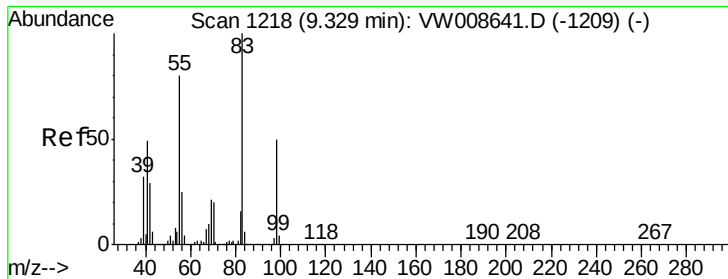


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

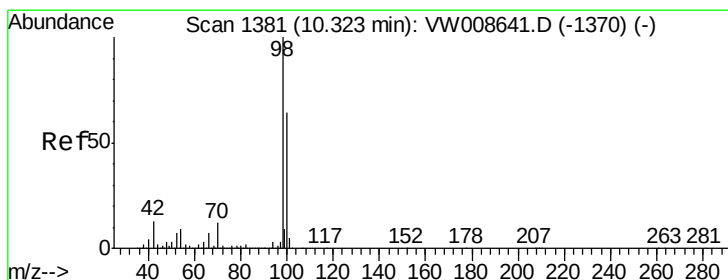
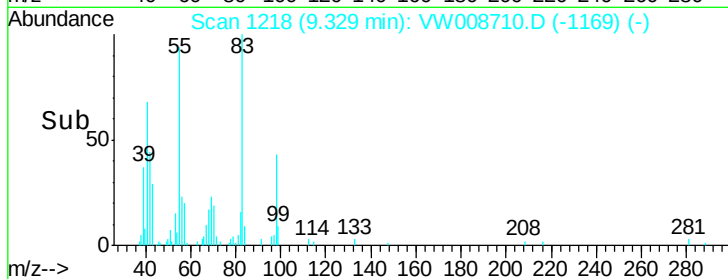
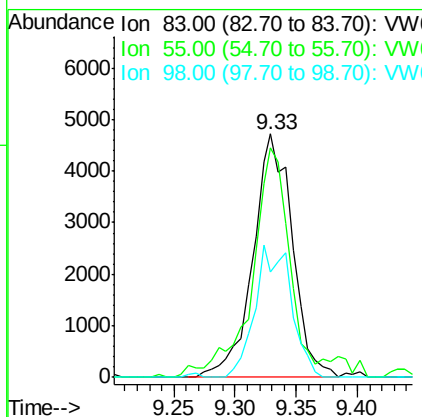
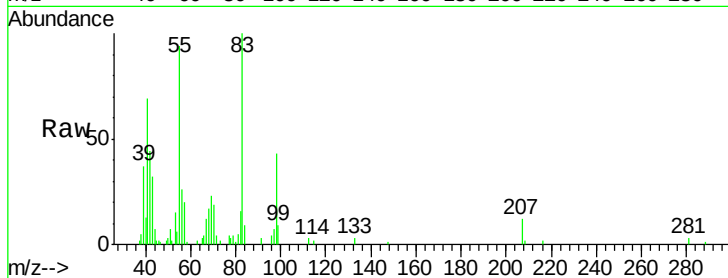




#39
Methylvlcyclohexane
Concen: 1.542 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW008710.D
Acq: 16 Feb 2019 04:23

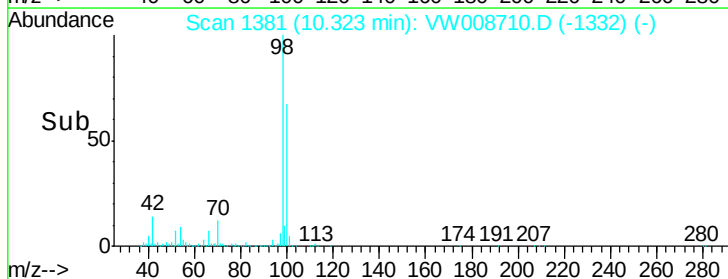
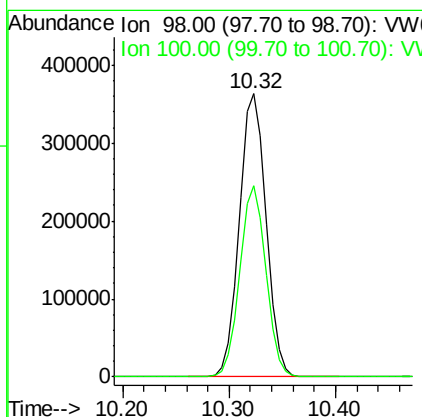
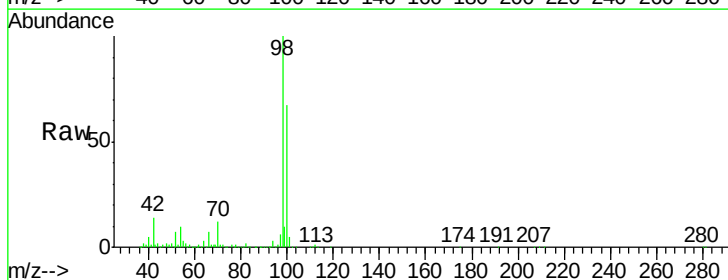
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-030-A

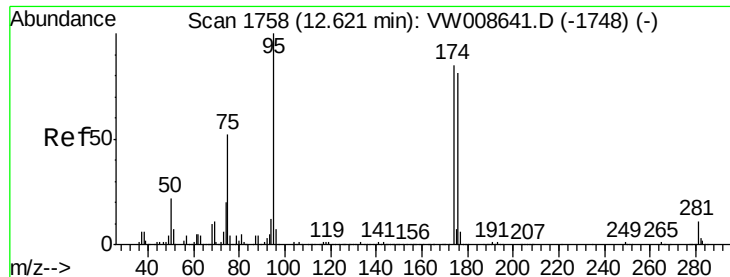
Tot Ion: 83 Resp: 10530
Ion Ratio Lower Upper
83 100
55 89.3 63.9 95.9
98 43.1 40.2 60.2



#50
Toluene-d8
Concen: 50.037 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008710.D
Acq: 16 Feb 2019 04:23

Tgt Ion: 98 Resp: 643641
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 44.249 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008710.D

Acq: 16 Feb 2019 04:23

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-030-A

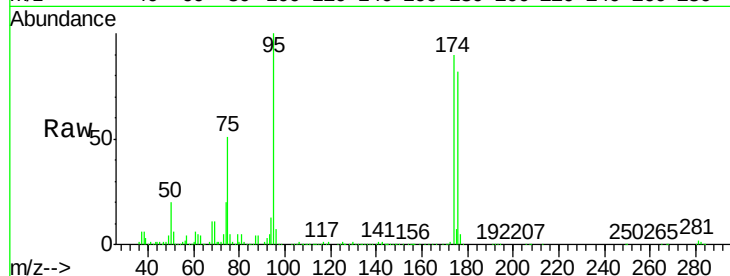
Tot Ion: 95 Resp: 214394

Ion Ratio Lower Upper

95 100

174 85.2 0.0 163.2

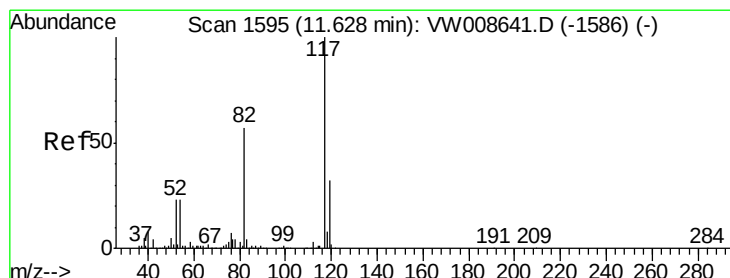
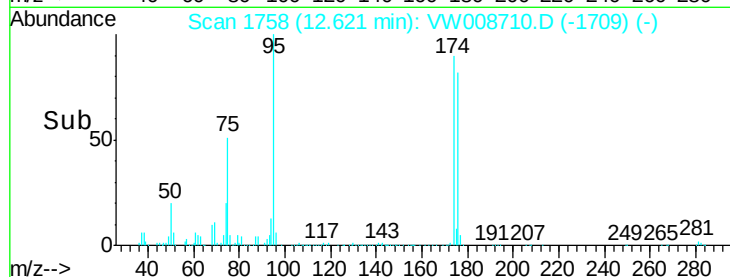
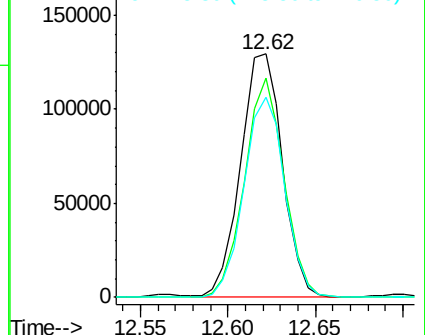
176 80.6 0.0 158.0



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. 0.01 min

Lab File: VW008710.D

Acq: 16 Feb 2019 04:23

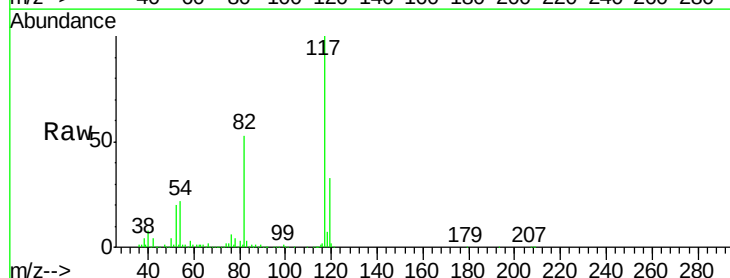
Tgt Ion: 117 Resp: 460317

Ion Ratio Lower Upper

117 100

82 53.2 45.6 68.4

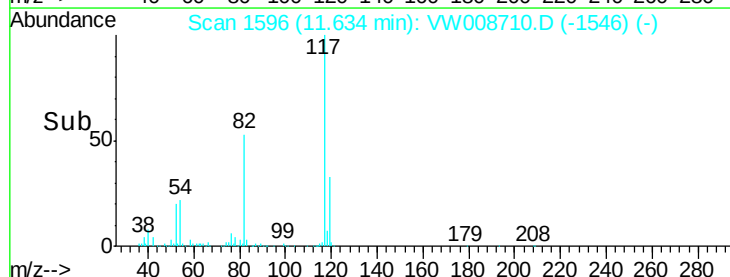
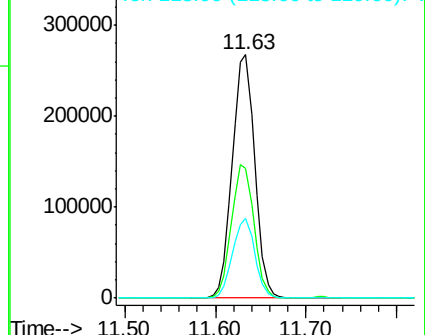
119 32.9 25.7 38.5

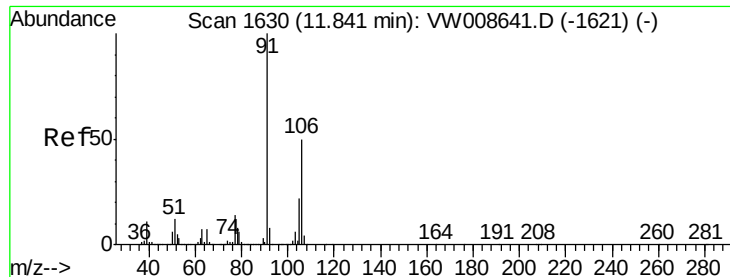


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

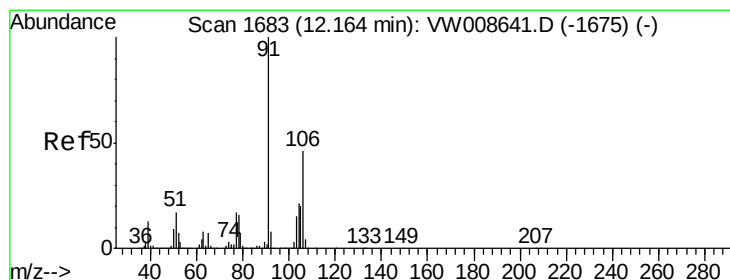
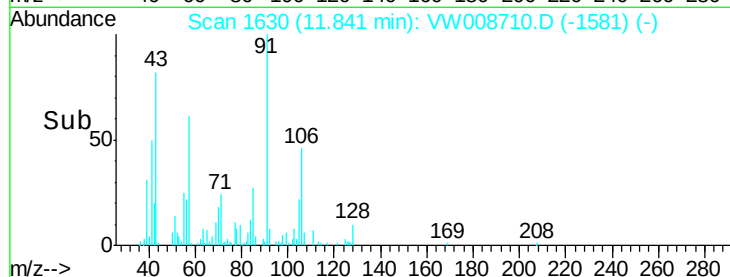
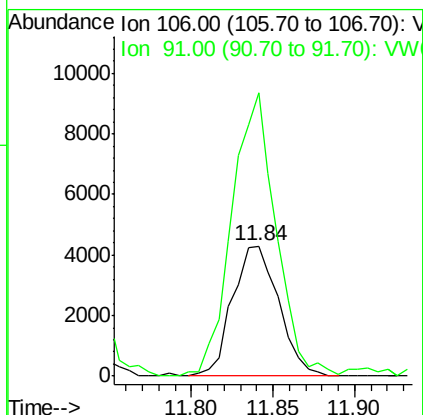
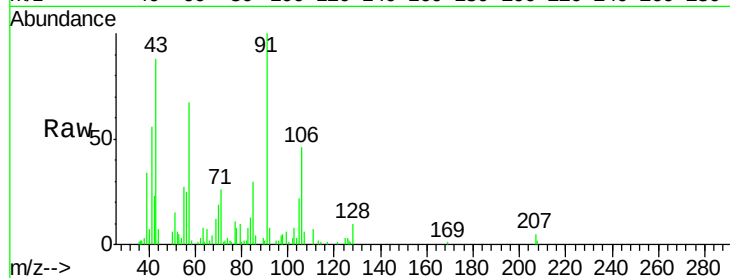




#68
m/p-Xylenes
Concen: 1.234 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008710.D
Acq: 16 Feb 2019 04:23

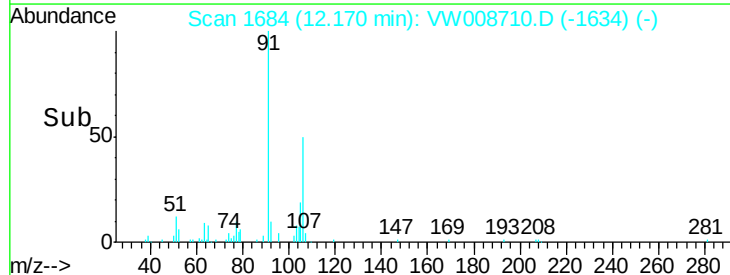
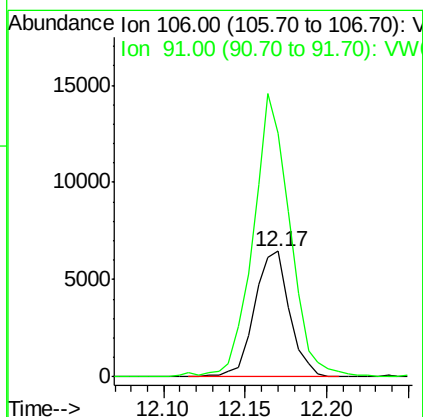
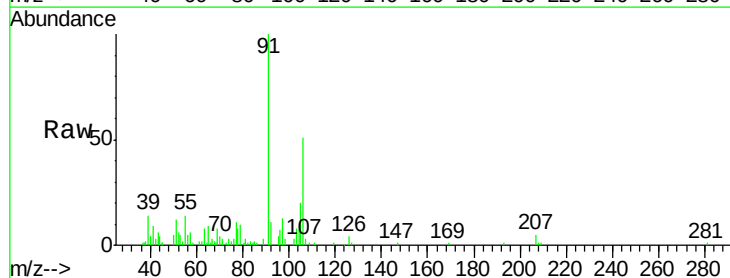
Instrument :
MSVOA_W
ClientSampled :
FK-GF-02-030-A

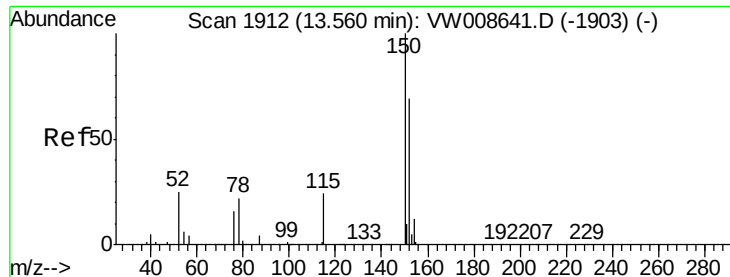
Tot Ion:106 Resp: 8488
Ion Ratio Lower Upper
106 100
91 207.4 161.0 241.4



#69
o-Xylene
Concen: 1.480 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008710.D
Acq: 16 Feb 2019 04:23

Tgt Ion:106 Resp: 9618
Ion Ratio Lower Upper
106 100
91 238.0 106.7 320.1



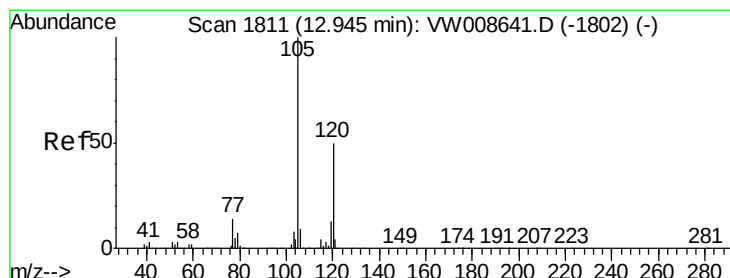
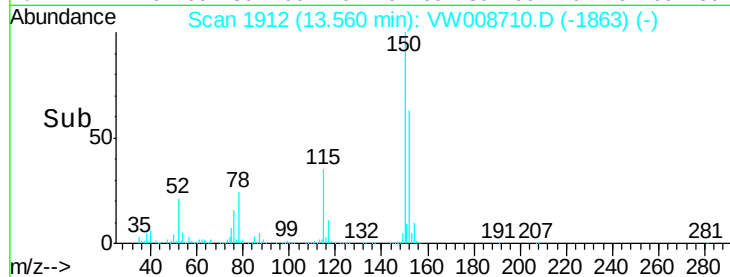
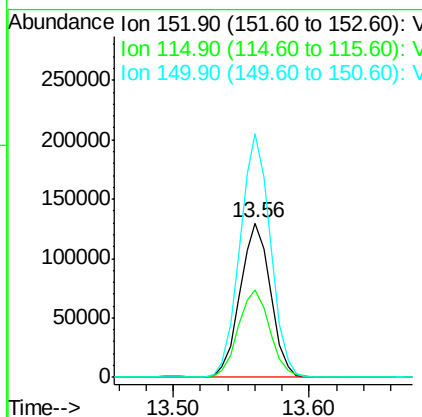
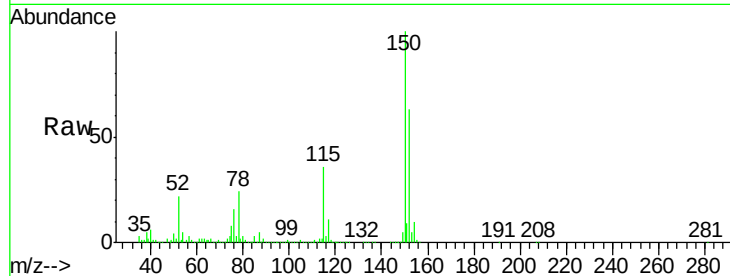


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008710.D
Acq: 16 Feb 2019 04:23

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-030-A

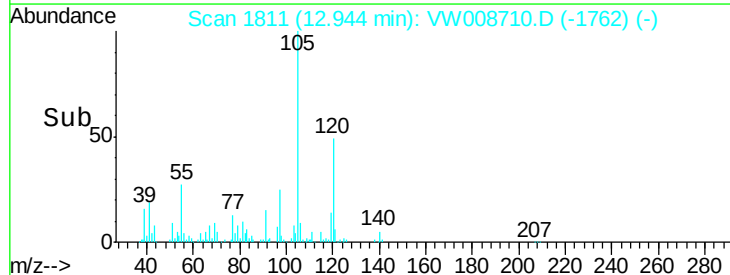
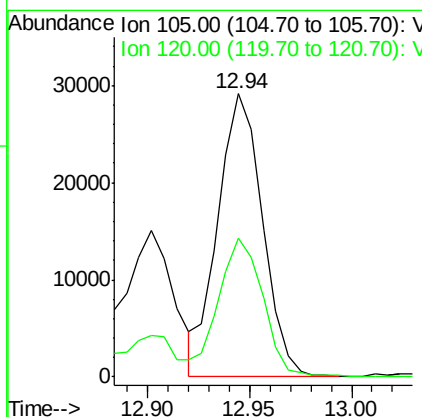
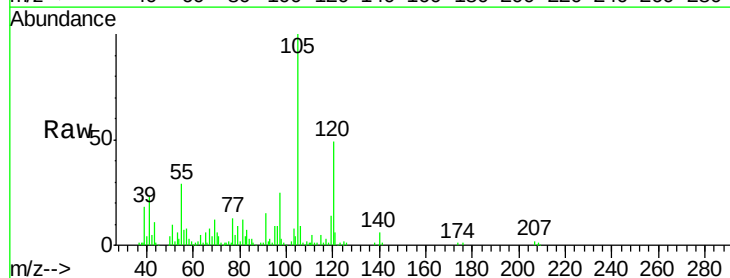
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	87.8
150	158.1	0.0	352.8

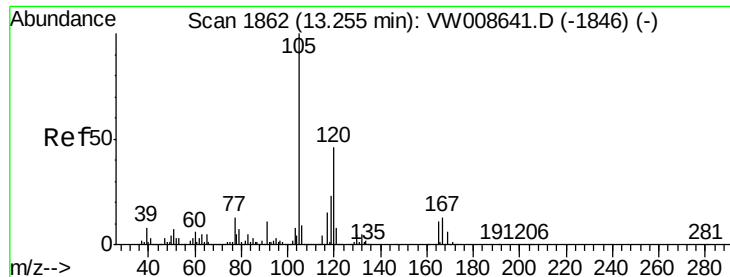


#80

1,3,5-Trimethylbenzene
Concen: 3.509 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW008710.D
Acq: 16 Feb 2019 04:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.6	73.8

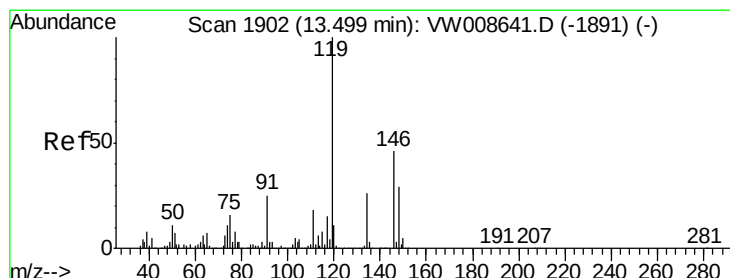
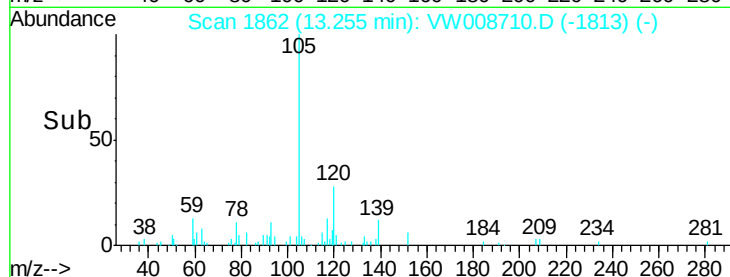
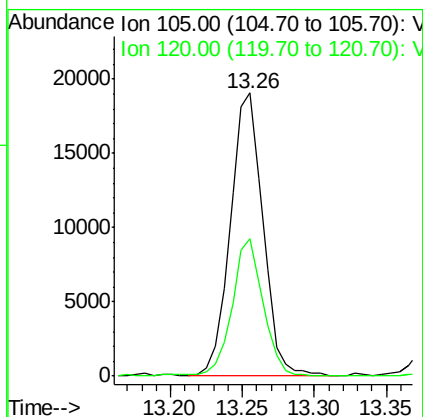
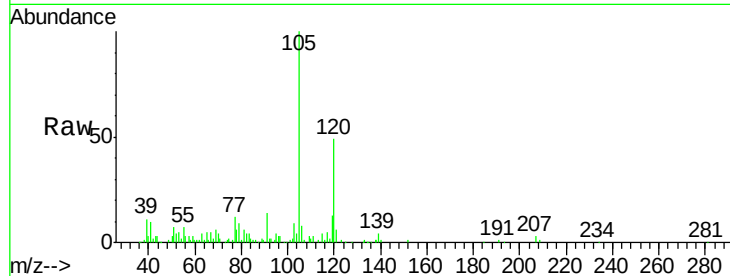




#84
 1,2,4-Trimethylbenzene
 Concen: 2.345 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008710.D
 Acq: 16 Feb 2019 04:23

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-030-A

Tot Ion:105 Resp: 30214
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8



#86
 p-Isopropyltoluene
 Concen: 1.532 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008710.D
 Acq: 16 Feb 2019 04:23

Tgt Ion:119 Resp: 21726
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 24.9 12.3 36.9

