

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009610.D
 Acq On : 31 Mar 2019 15:00
 Operator : SY/VA
 Sample : K2130-02
 Misc : 6.38G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-034-A

Quant Time: Apr 01 05:24:54 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

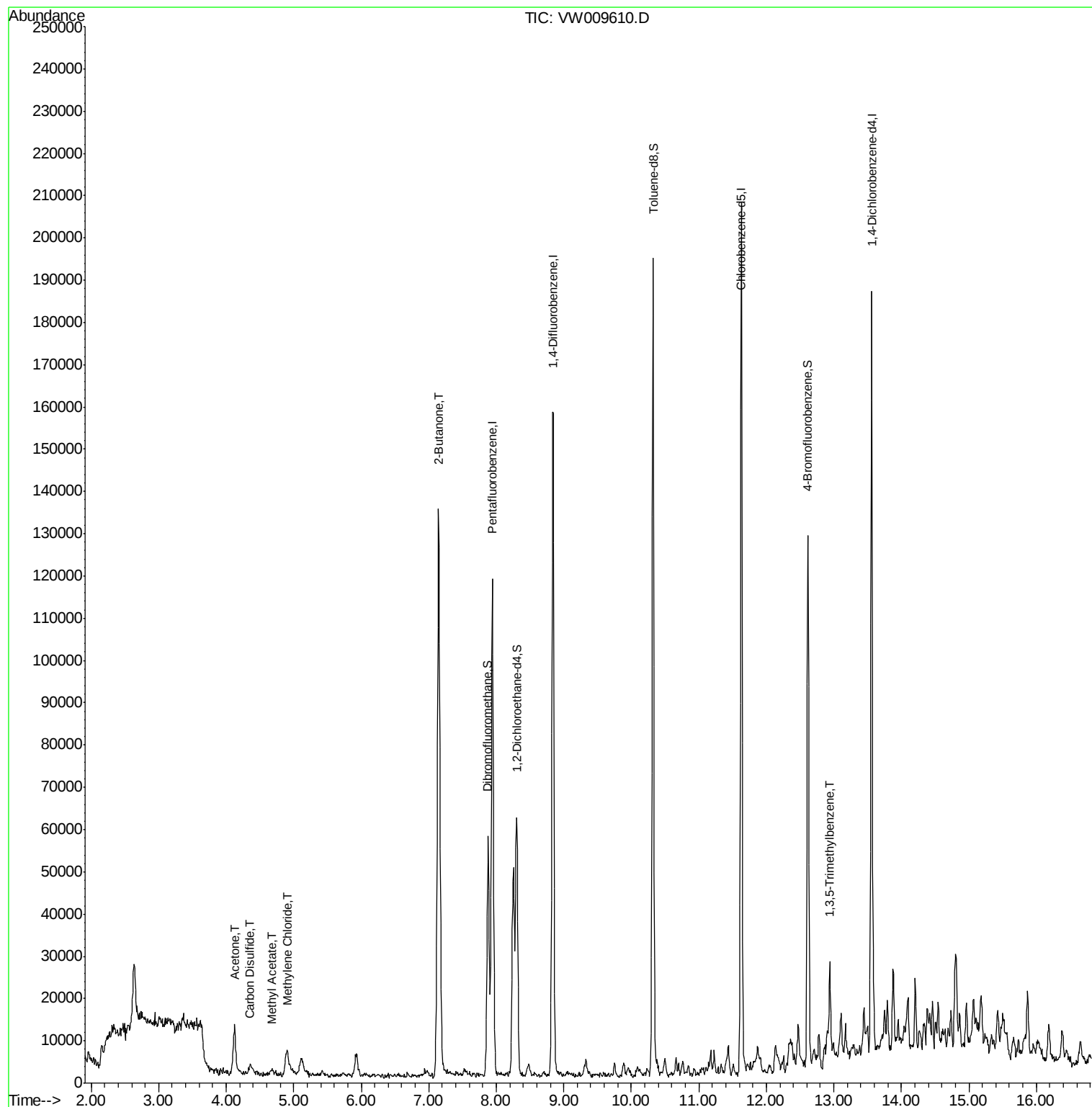
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	124256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	49432	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	7.88	113	37037	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	10.32	98	119664	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	
62) 4-Bromofluorobenzene	12.62	95	34982	32.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.02%	
Target Compounds						
16) Acetone	4.12	43	20176	94.810	ug/l	96
17) Carbon Disulfide	4.35	76	4926	2.167	ug/l #	81
18) Methyl Acetate	4.68	43	3193	6.207	ug/l	94
20) Methylene Chloride	4.90	84	4243	1.305	ug/l #	56
25) 2-Butanone	7.15	43	9034	30.720	ug/l #	66
80) 1,3,5-Trimethylbenzene	12.94	105	5882	2.347	ug/l	93

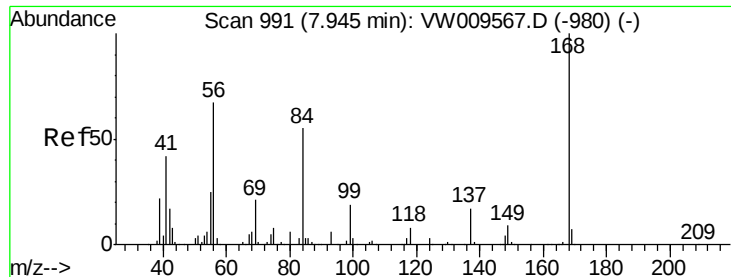
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.38G/5.0ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Apr 01 05:24:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 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: VW009610.D

Acq: 31 Mar 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

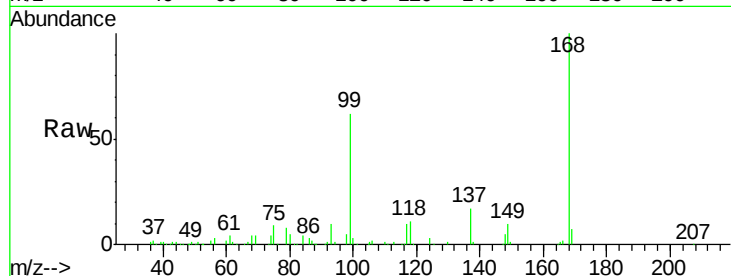
FK-GF-02-034-A

Tot Ion:168 Resp: 82769

Ion Ratio Lower Upper

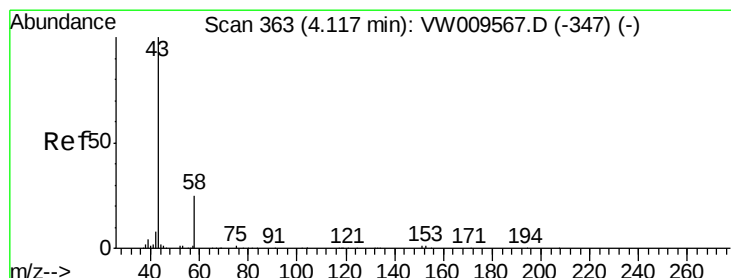
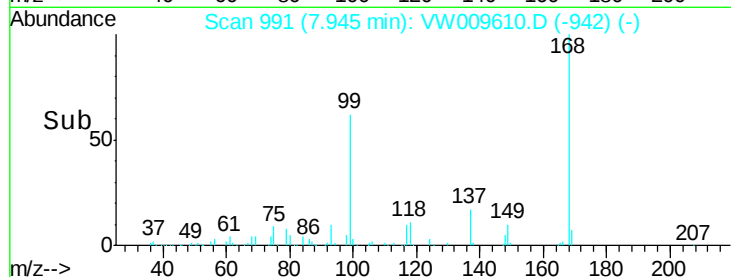
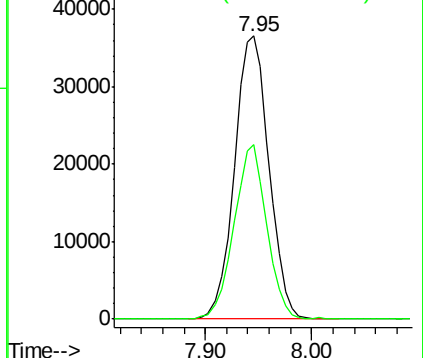
168 100

99 61.9 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: 94.810 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009610.D

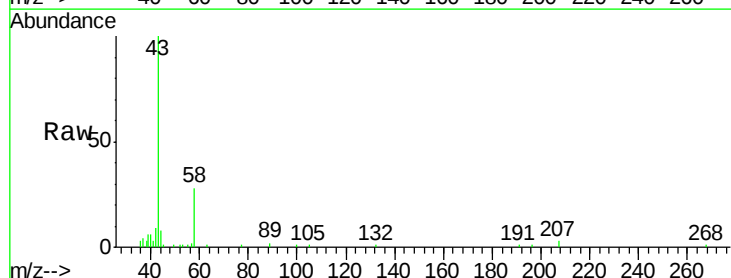
Acq: 31 Mar 2019 15:00

Tgt Ion: 43 Resp: 20176

Ion Ratio Lower Upper

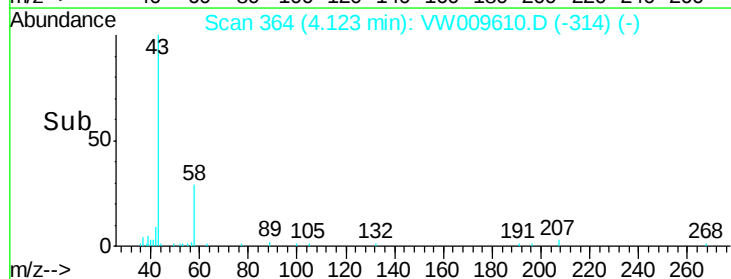
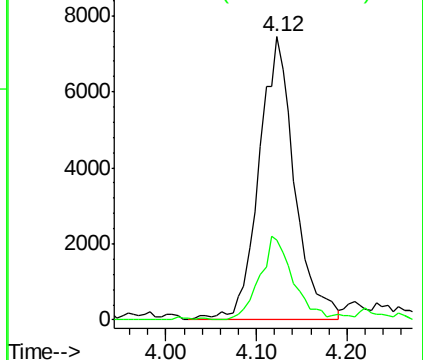
43 100

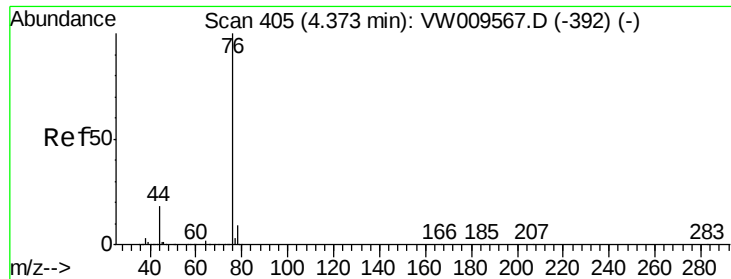
58 27.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

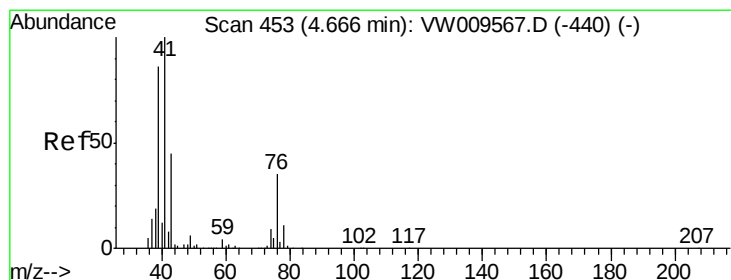
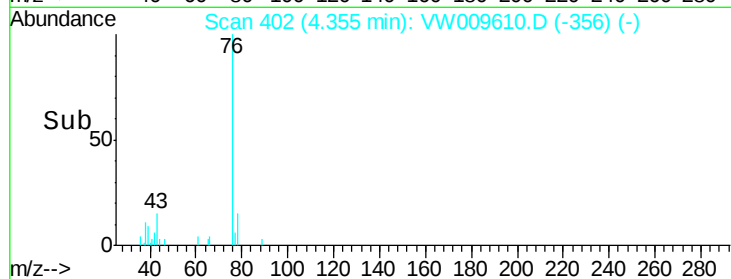
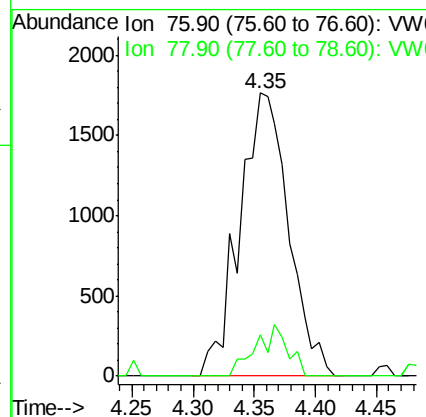
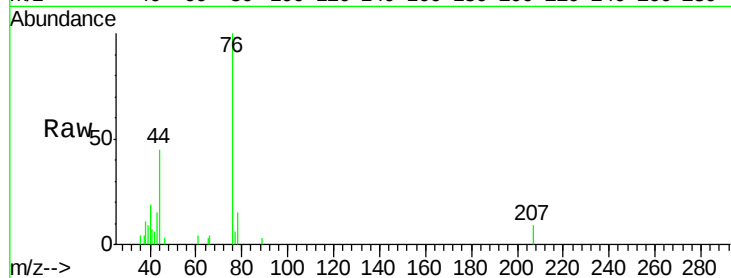




#17
Carbon Disulfide
Concen: 2.167 ug/l
RT: 4.35 min Scan# 402
Delta R.T. -0.02 min
Lab File: VW009610.D
Acq: 31 Mar 2019 15:00

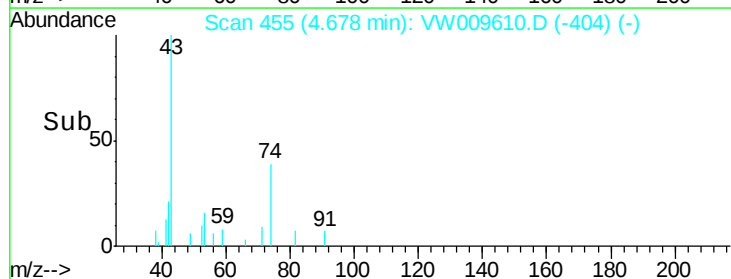
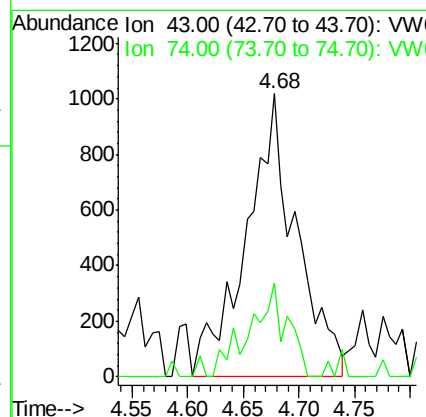
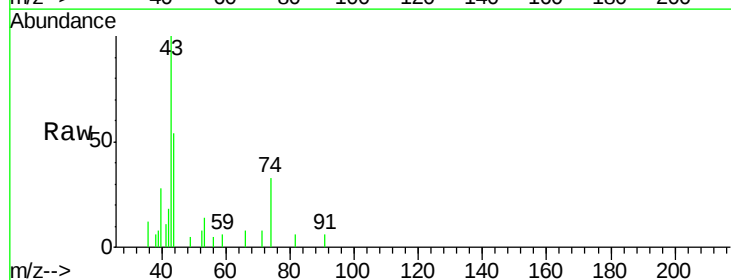
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-034-A

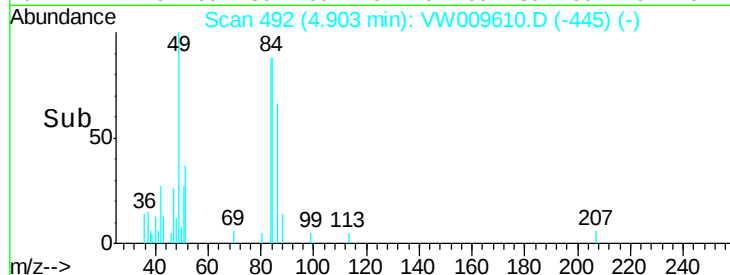
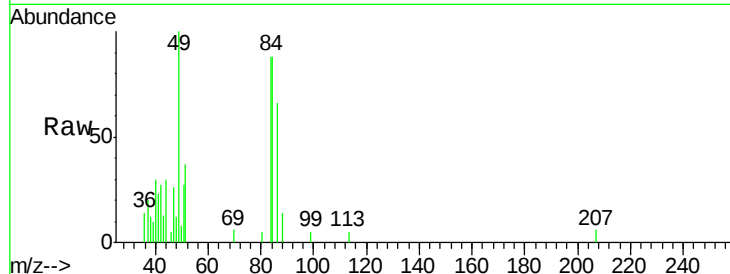
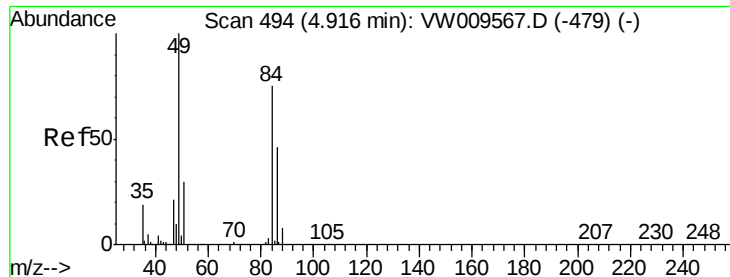
Tot Ion: 76 Resp: 4926
Ion Ratio Lower Upper
76 100
78 14.8 6.6 9.8#



#18
Methyl Acetate
Concen: 6.207 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW009610.D
Acq: 31 Mar 2019 15:00

Tgt Ion: 43 Resp: 3193
Ion Ratio Lower Upper
43 100
74 24.8 17.7 26.5

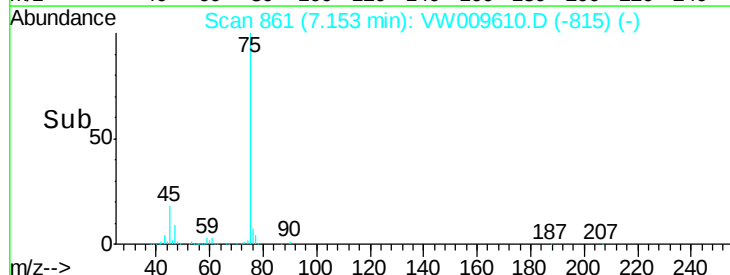
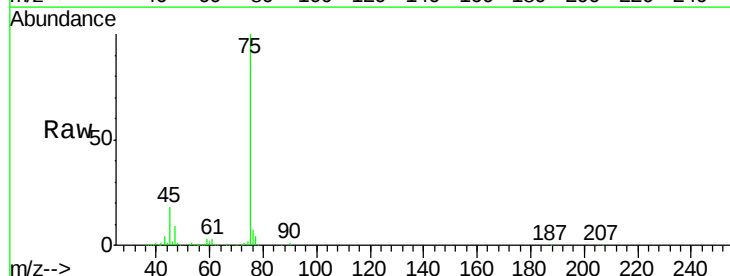
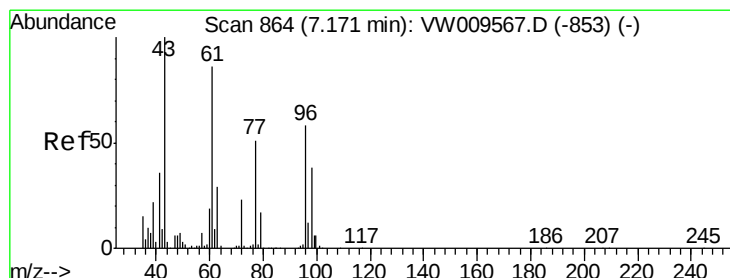
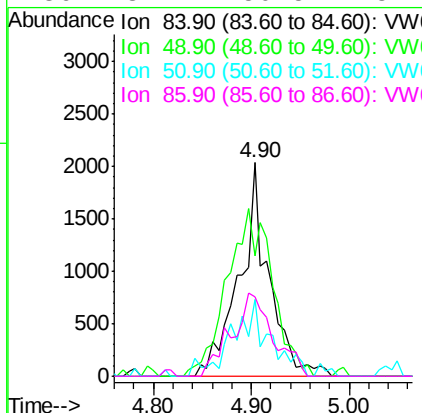




#20
Methylene Chloride
Concen: 1.305 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009610.D
Acq: 31 Mar 2019 15:00

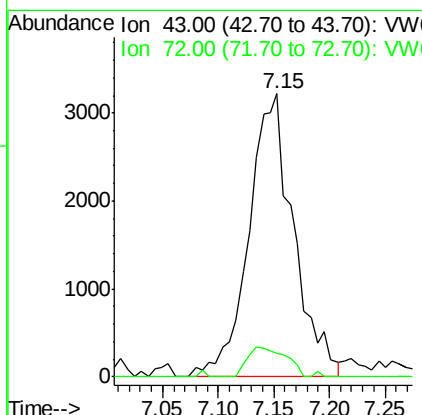
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-034-A

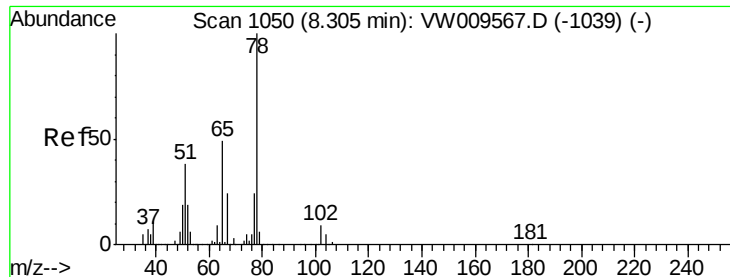
Tot Ion: 84 Resp: 4243
Ion Ratio Lower Upper
84 100
49 53.7 99.1 148.7#
51 35.8 28.7 43.1
86 37.1 50.5 75.7#



#25
2-Butanone
Concen: 30.720 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW009610.D
Acq: 31 Mar 2019 15:00

Tgt Ion: 43 Resp: 9034
Ion Ratio Lower Upper
43 100
72 8.2 20.0 30.0#





#33

1,2-Dichloroethane-d4

Concen: 52.226 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009610.D

Acq: 31 Mar 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

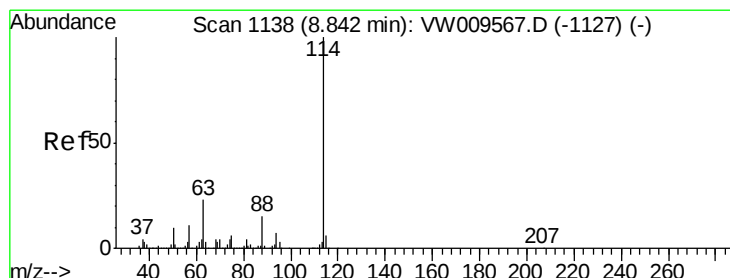
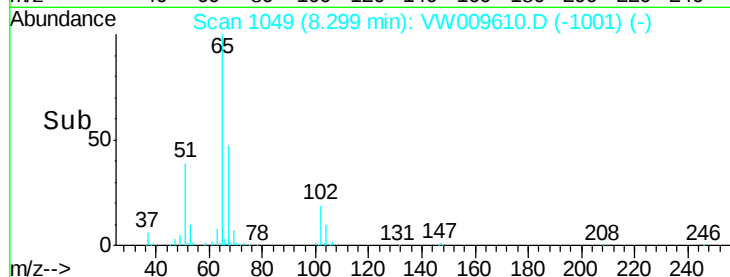
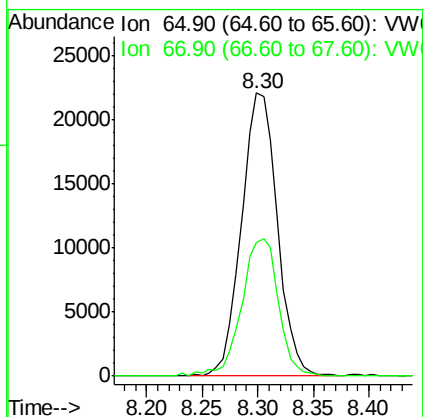
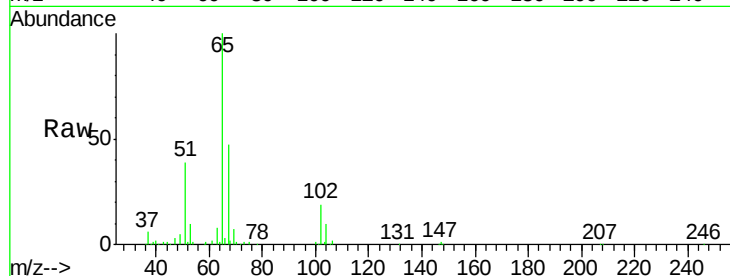
FK-GF-02-034-A

Tot Ion: 65 Resp: 49432

Ion Ratio Lower Upper

65 100

67 49.9 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: VW009610.D

Acq: 31 Mar 2019 15:00

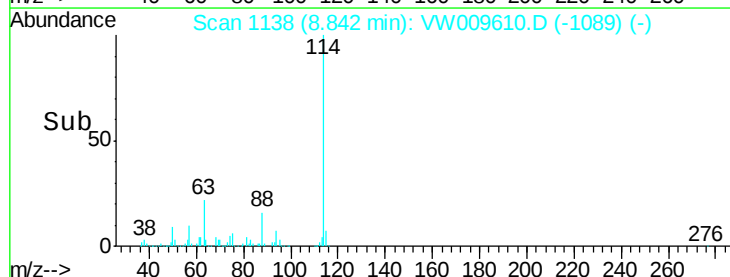
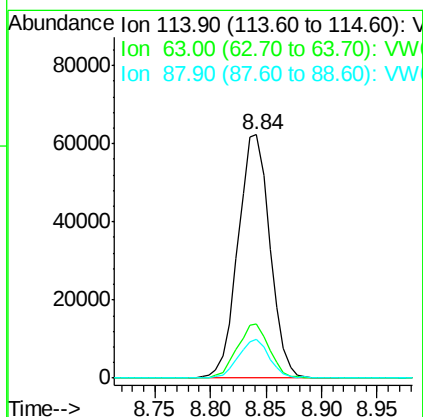
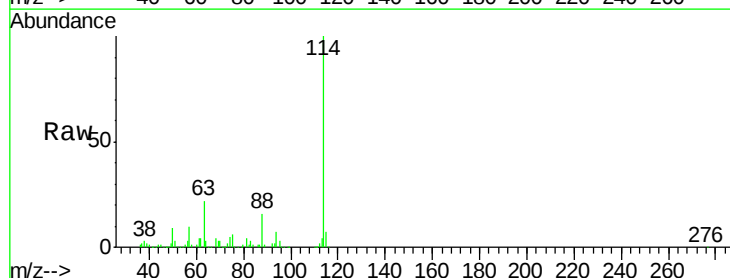
Tgt Ion: 114 Resp: 124256

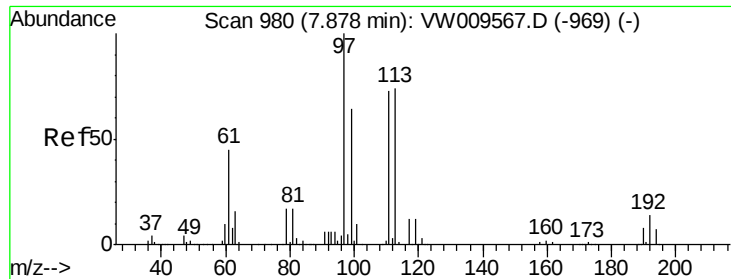
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.457 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW009610.D

Acq: 31 Mar 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-034-A

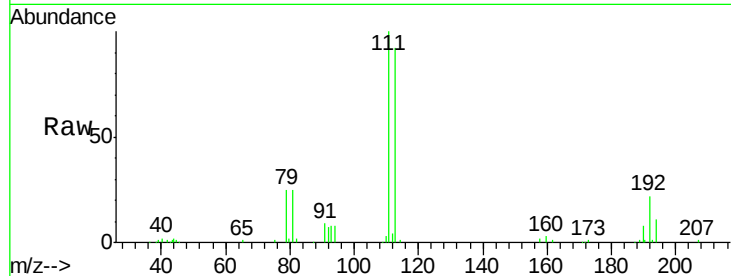
Tot Ion:113 Resp: 37037

Ion Ratio Lower Upper

113 100

111 105.5 82.6 124.0

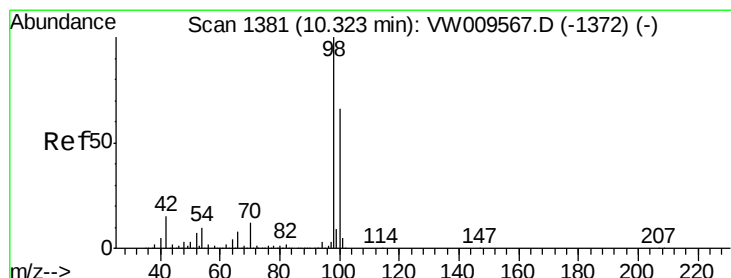
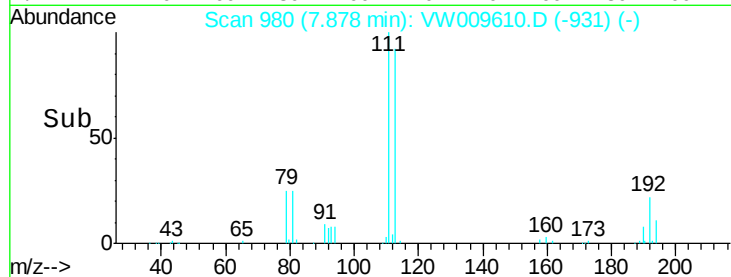
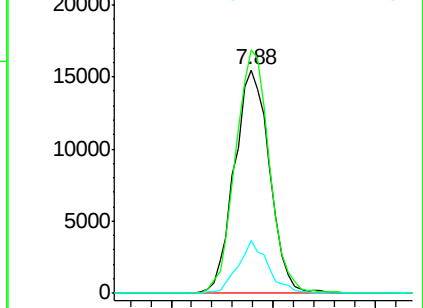
192 20.4 16.4 24.6



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: 41.485 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009610.D

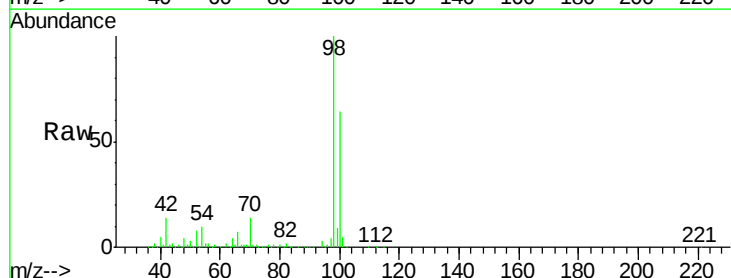
Acq: 31 Mar 2019 15:00

Tgt Ion: 98 Resp: 119664

Ion Ratio Lower Upper

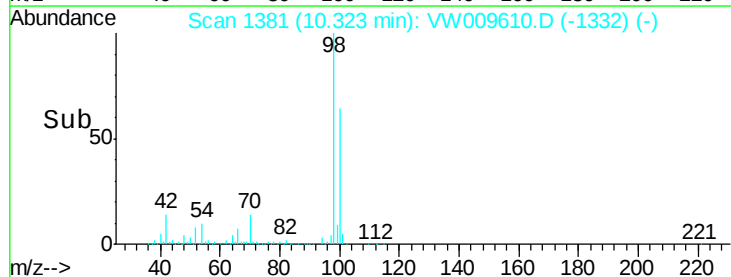
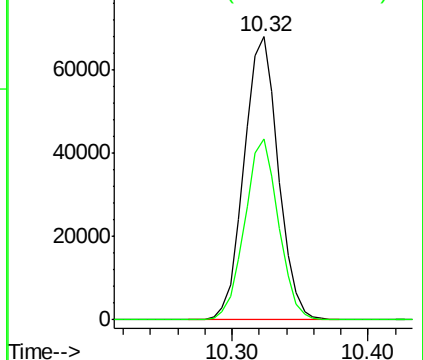
98 100

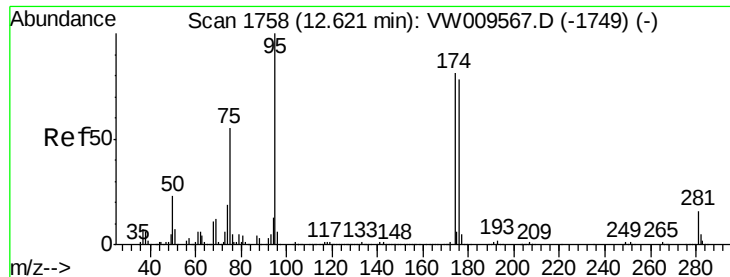
100 62.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 32.508 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009610.D

Acq: 31 Mar 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-034-A

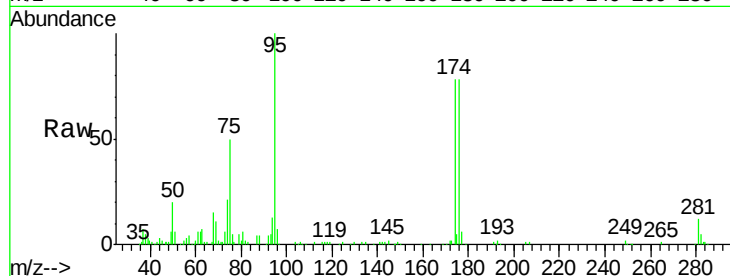
Tot Ion: 95 Resp: 34982

Ion Ratio Lower Upper

95 100

174 80.3 0.0 168.4

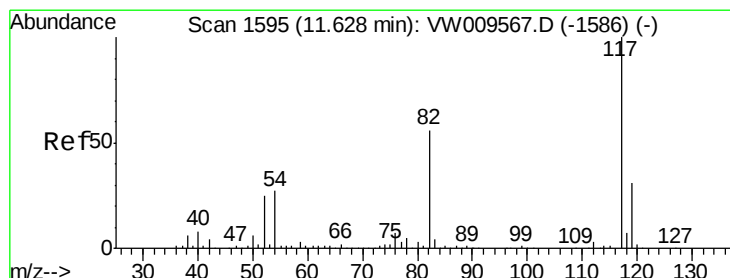
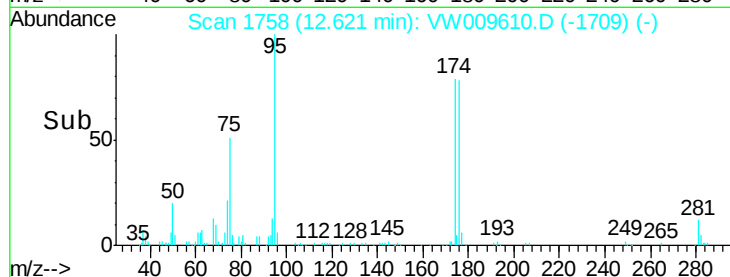
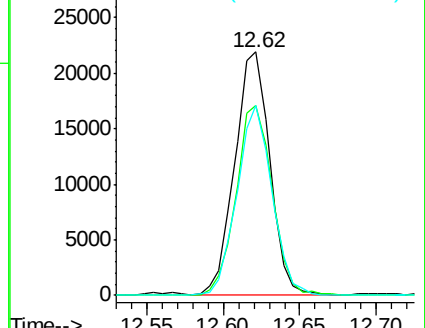
176 77.6 0.0 161.6



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# 1595

Delta R.T. -0.00 min

Lab File: VW009610.D

Acq: 31 Mar 2019 15:00

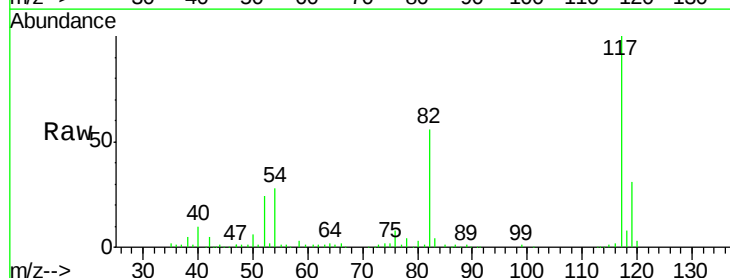
Tgt Ion: 117 Resp: 107149

Ion Ratio Lower Upper

117 100

82 56.1 43.6 65.4

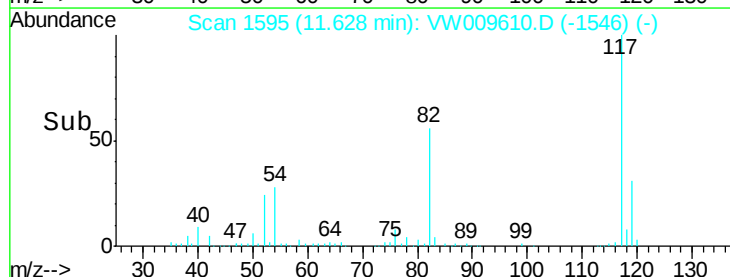
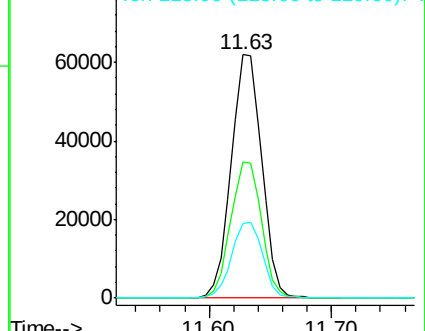
119 30.9 26.0 39.0

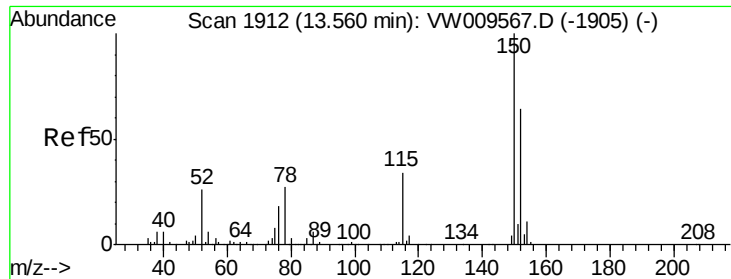


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009610.D

Acq: 31 Mar 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-034-A

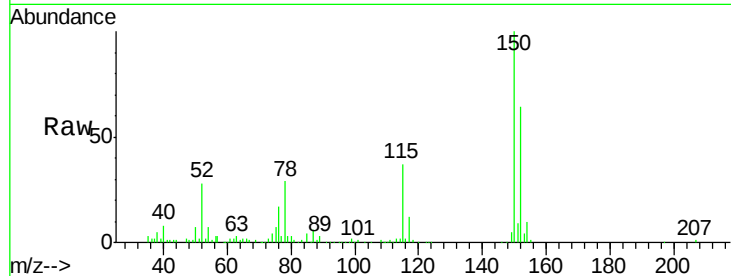
Tot Ion:152 Resp: 42770

Ion Ratio Lower Upper

152 100

115 59.6 29.6 88.8

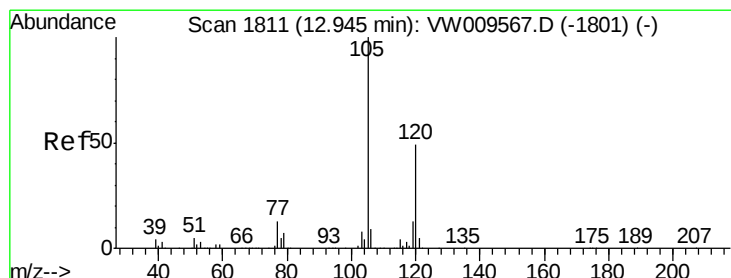
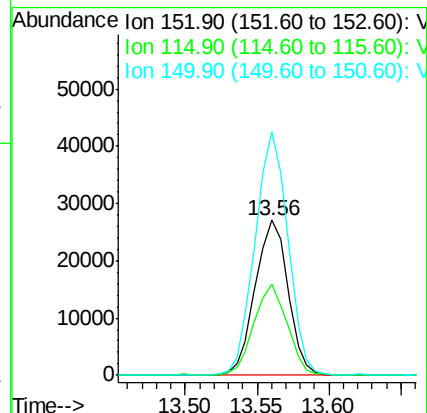
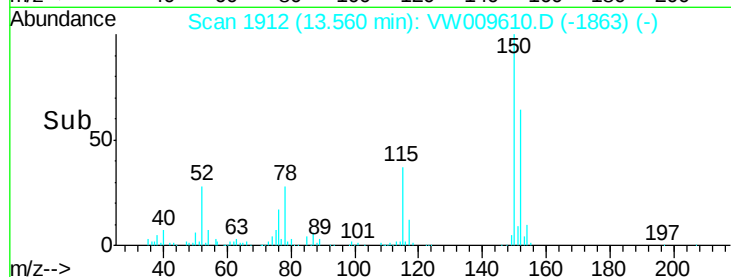
150 156.9 0.0 349.2



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: 2.347 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW009610.D

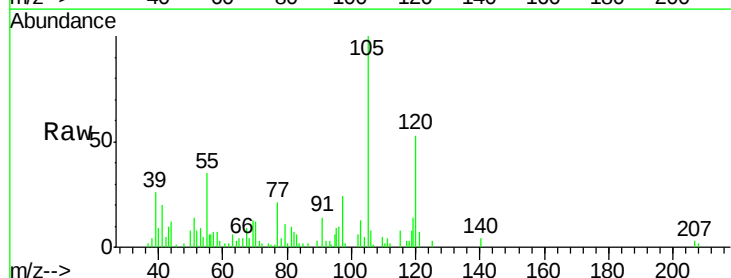
Acq: 31 Mar 2019 15:00

Tgt Ion:105 Resp: 5882

Ion Ratio Lower Upper

105 100

120 54.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

