

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005338.D
 Acq On : 12 Sep 2018 20:39
 Operator : SY/AP
 Sample : J4883-01
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 292

Quant Time: Sep 13 01:20:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

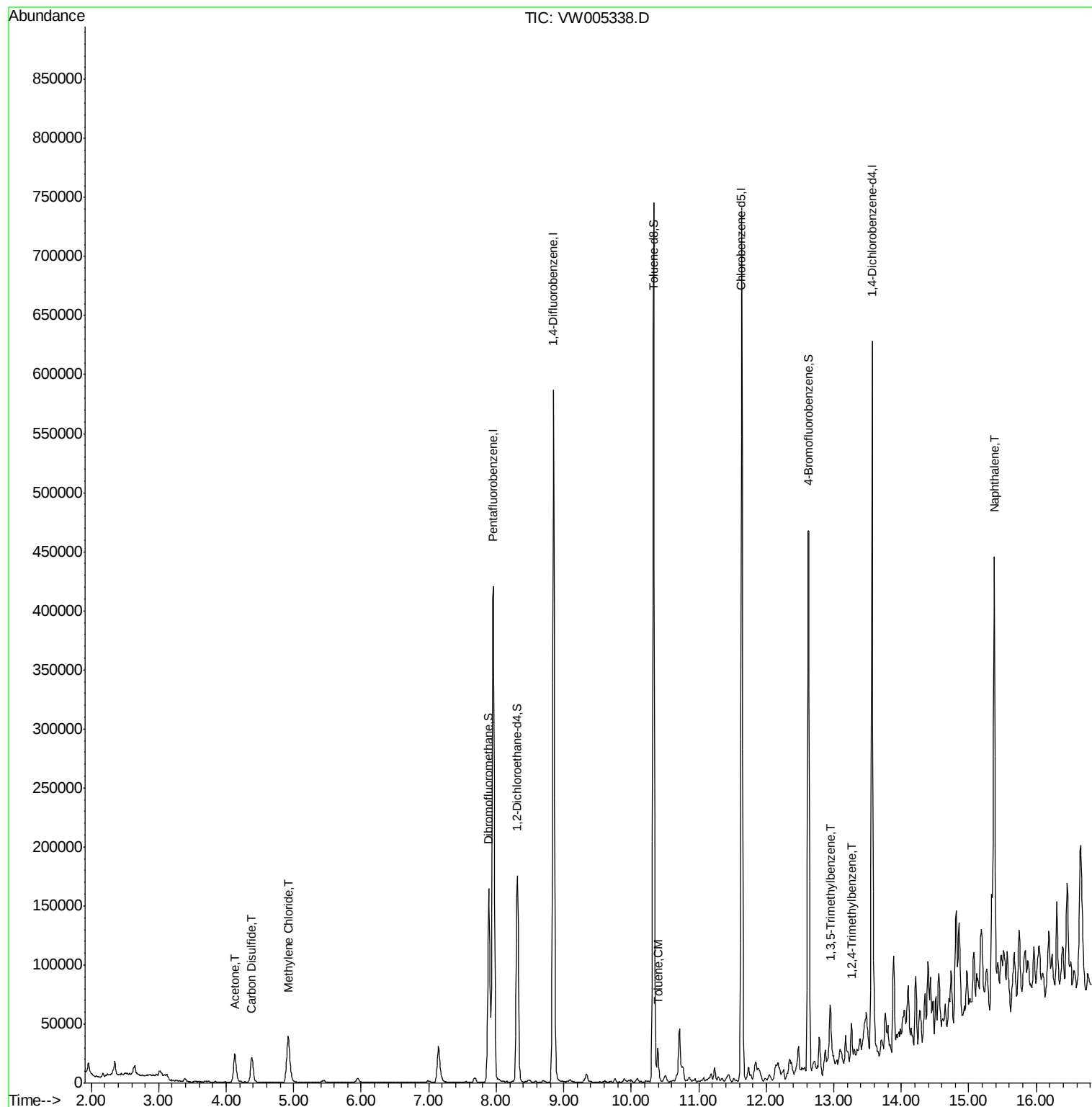
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	346629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	527591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	449071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133936	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	7.89	113	115151	41.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.34%	
50) Toluene-d8	10.33	98	511852	36.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.30%	
62) 4-Bromofluorobenzene	12.62	95	152286	29.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.62%	
Target Compounds						
16) Acetone	4.13	43	41789	87.08	ug/l	Qvalue 100
17) Carbon Disulfide	4.38	76	45902	4.79	ug/l	97
20) Methylene Chloride	4.93	84	33014	6.38	ug/l	92
52) Toluene	10.40	92	12502	1.21	ug/l	91
80) 1,3,5-Trimethylbenzene	12.95	105	12697	1.24	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	18605	1.81	ug/l	98
95) Naphthalene	15.38	128	351077	58.48	ug/l	99

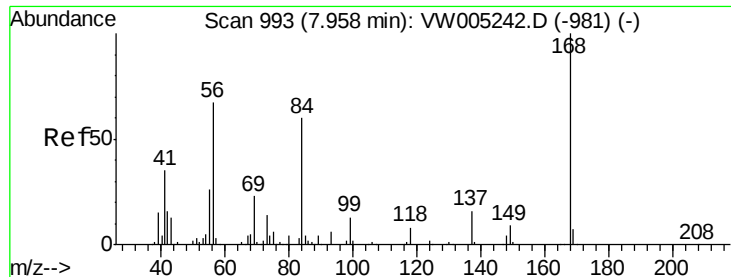
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005338.D

Acq: 12 Sep 2018 20:39

Instrument :

MSVOA_W

ClientSampled :

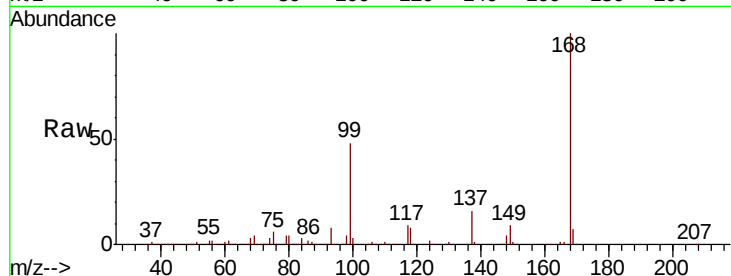
292

Tot Ion:168 Resp: 346629

Ion Ratio Lower Upper

168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

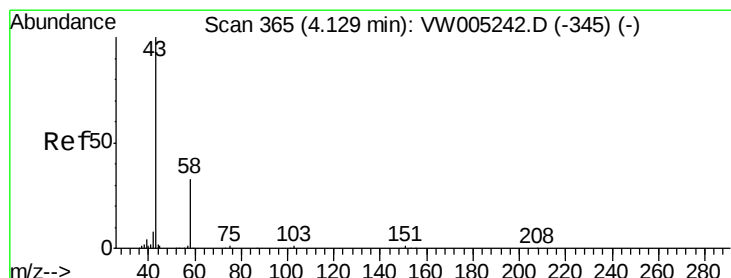
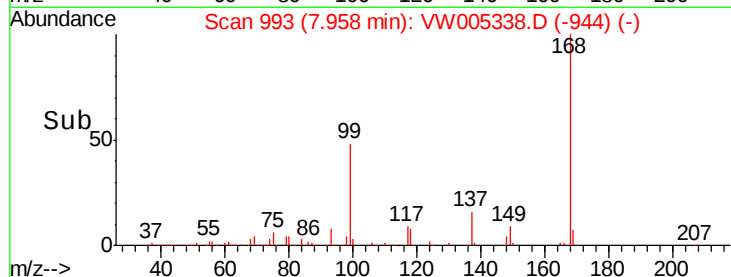
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 87.08 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005338.D

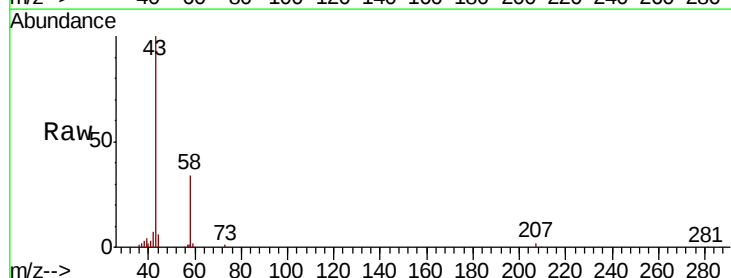
Acq: 12 Sep 2018 20:39

Tgt Ion: 43 Resp: 41789

Ion Ratio Lower Upper

43 100

58 33.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

15000

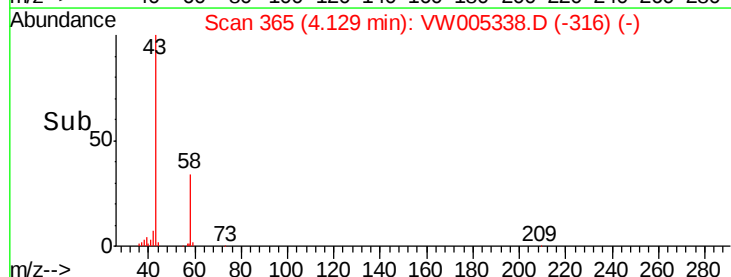
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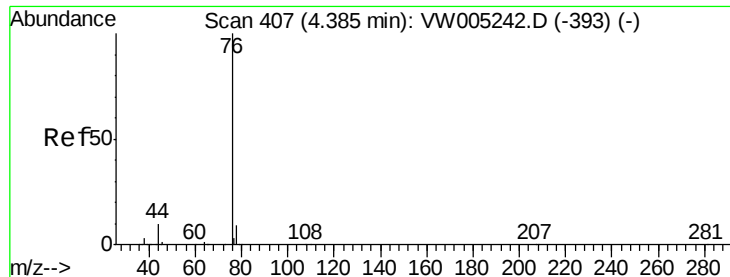
5000

0

Time-->

4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 4.79 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005338.D

Acq: 12 Sep 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

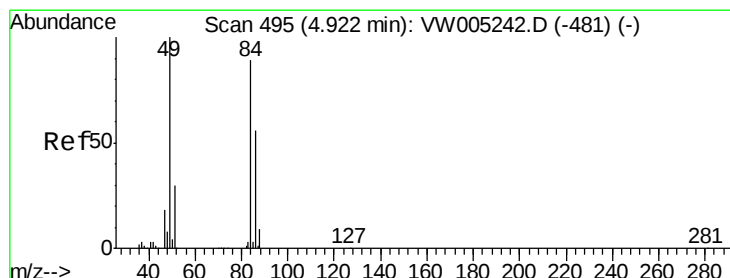
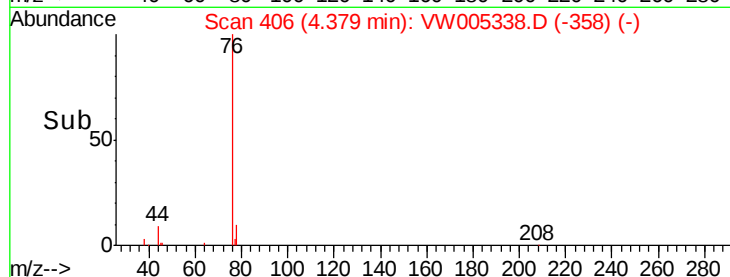
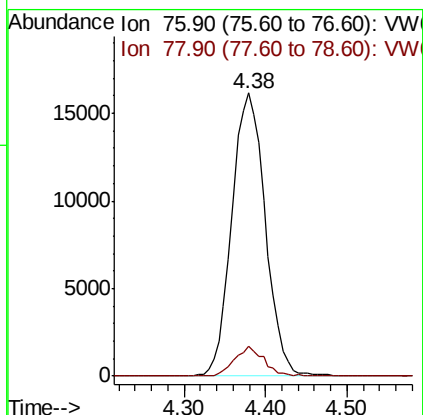
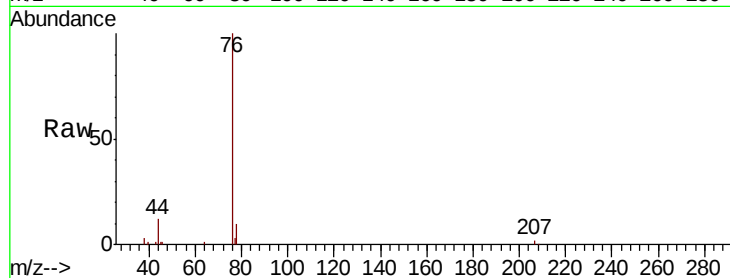
292

Tot Ion: 76 Resp: 45902

Ion Ratio Lower Upper

76 100

78 10.4 7.5 11.3



#20

Methylene Chloride

Concen: 6.38 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW005338.D

Acq: 12 Sep 2018 20:39

Tgt Ion: 84 Resp: 33014

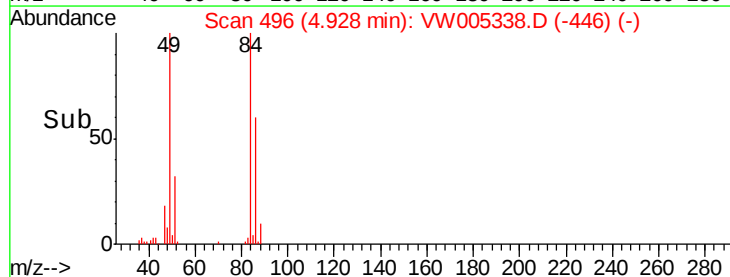
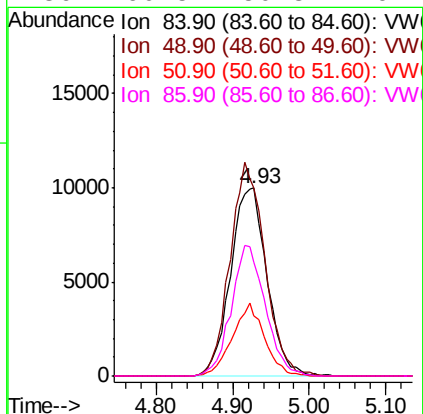
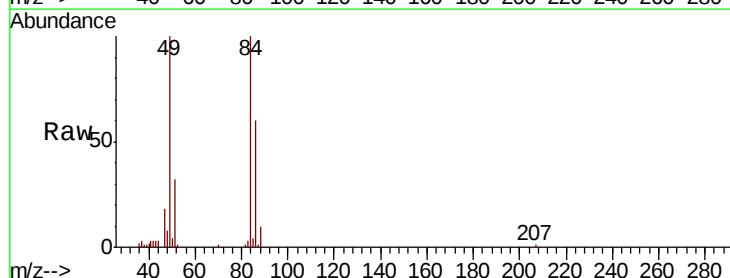
Ion Ratio Lower Upper

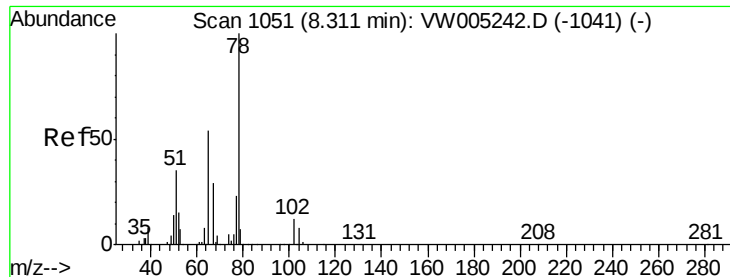
84 100

49 100.3 90.3 135.5

51 31.7 26.9 40.3

86 60.5 50.8 76.2

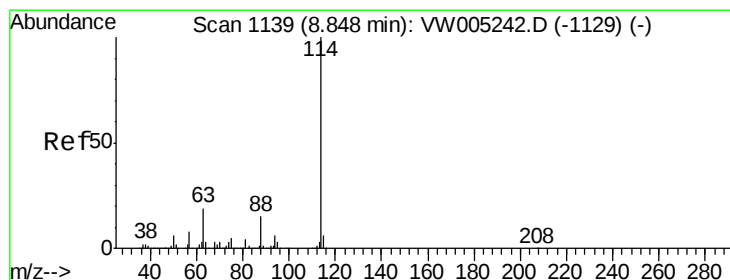
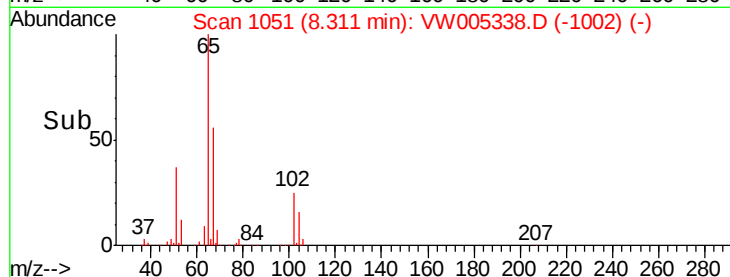
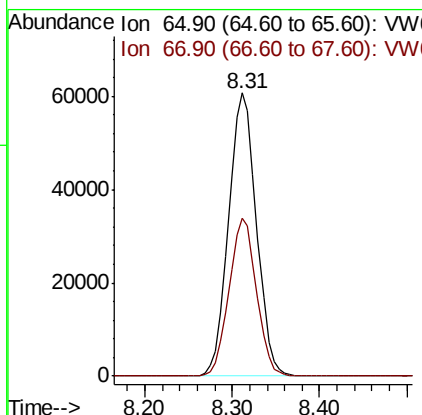
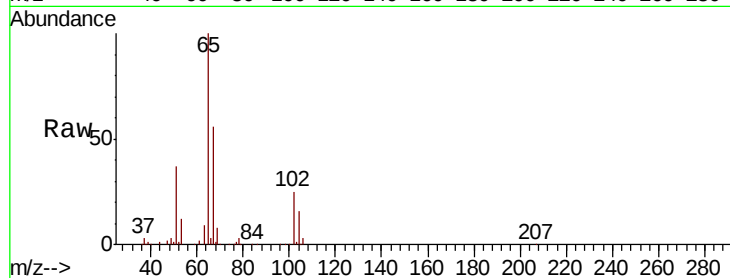




#33
 1,2-Dichloroethane-d4
 Concen: 51.81 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005338.D
 Acq: 12 Sep 2018 20:39

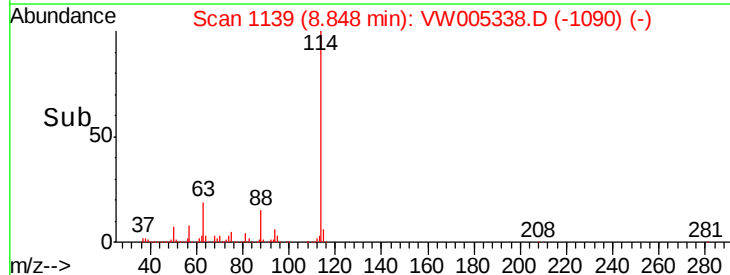
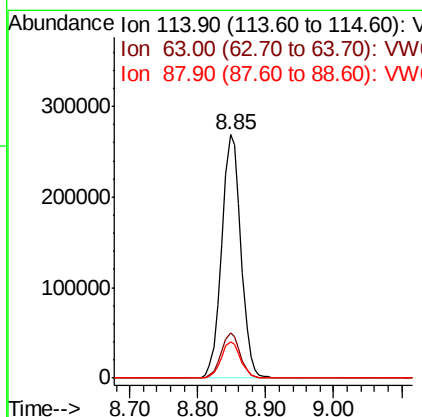
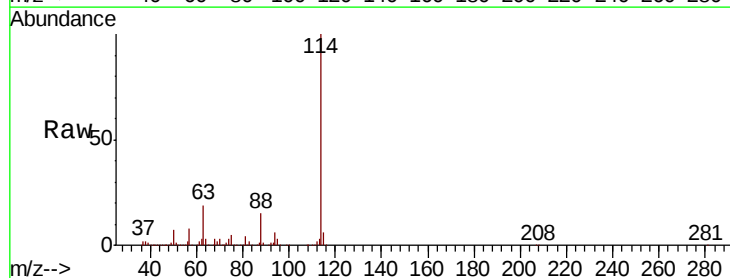
Instrument :
 MSVOA_W
 ClientSampled :
 292

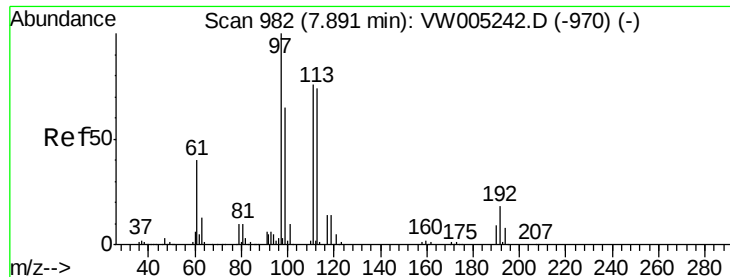
Tot Ion: 65 Resp: 133936
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005338.D
 Acq: 12 Sep 2018 20:39

Tgt Ion: 114 Resp: 527591
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 15.0 0.0 30.4

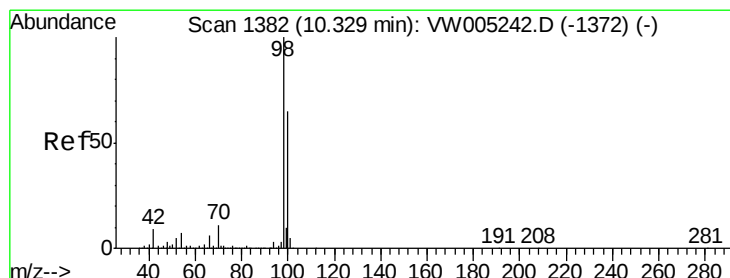
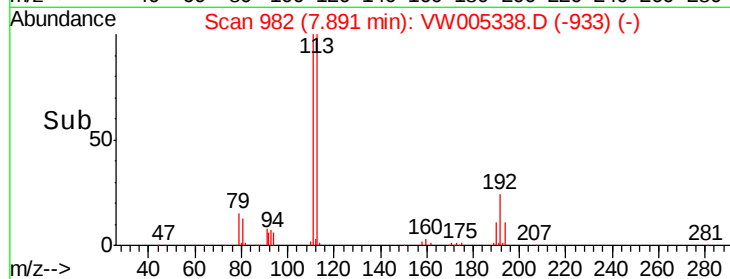
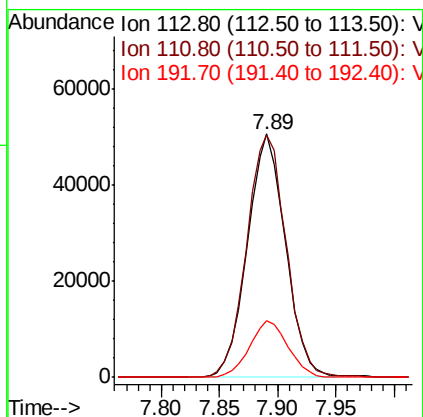
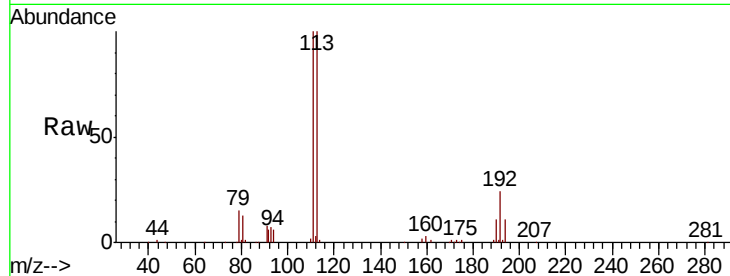




#35
 Dibromofluoromethane
 Concen: 41.67 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005338.D
 Acq: 12 Sep 2018 20:39

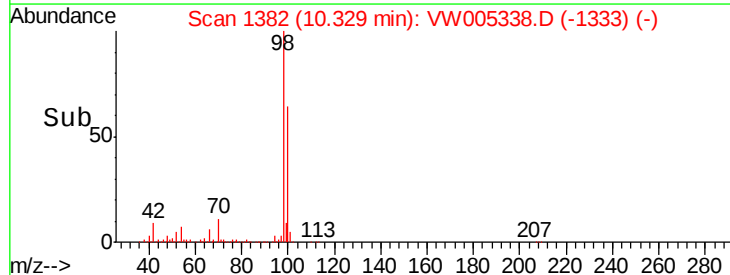
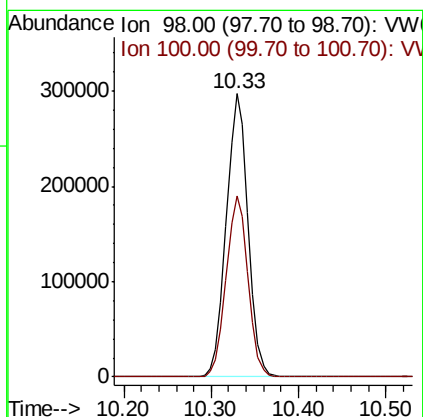
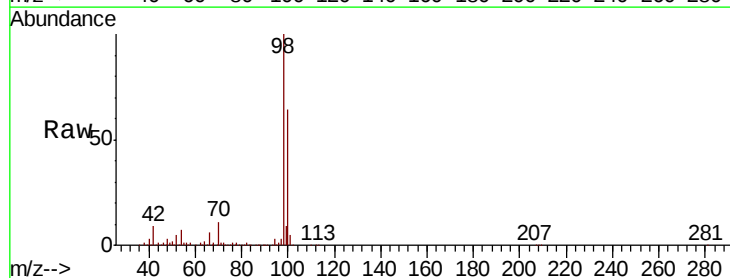
Instrument :
 MSVOA_W
 ClientSampled :
 292

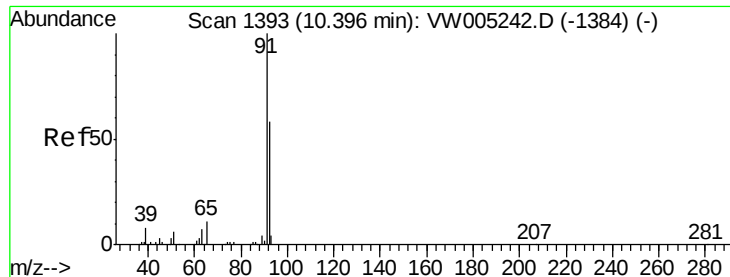
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.6	121.0
192	23.5	18.3	27.5



#50
 Toluene-d8
 Concen: 36.65 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005338.D
 Acq: 12 Sep 2018 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





#52

Toluene

Concen: 1.21 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005338.D

Acq: 12 Sep 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

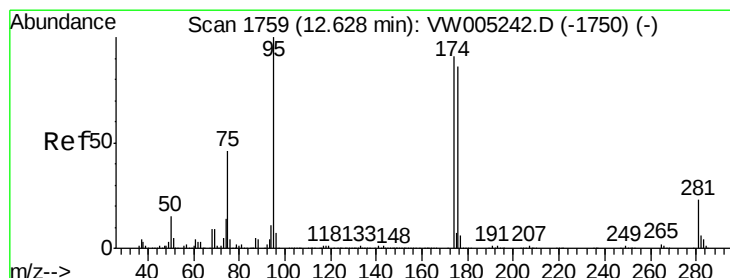
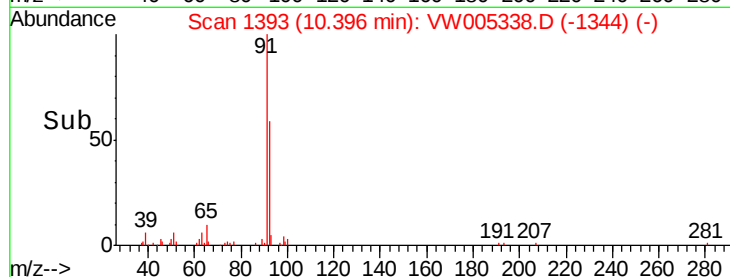
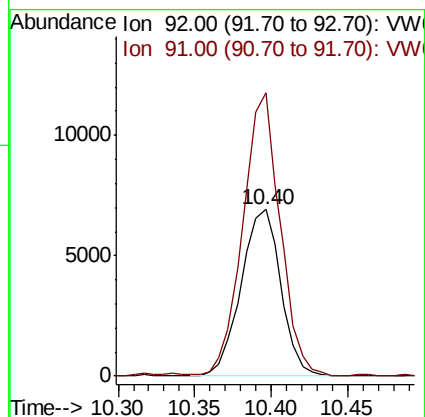
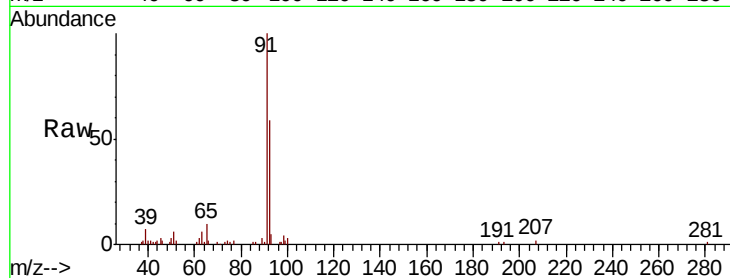
292

Tot Ion: 92 Resp: 12502

Ion Ratio Lower Upper

92 100

91 160.0 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 29.81 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005338.D

Acq: 12 Sep 2018 20:39

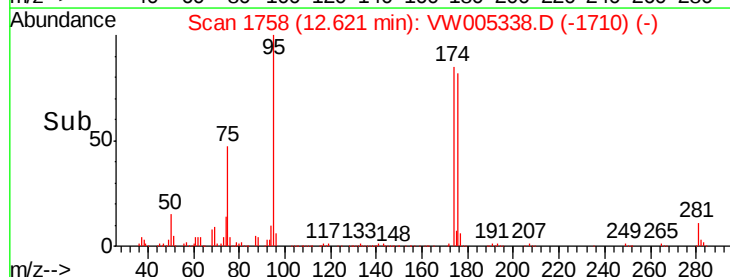
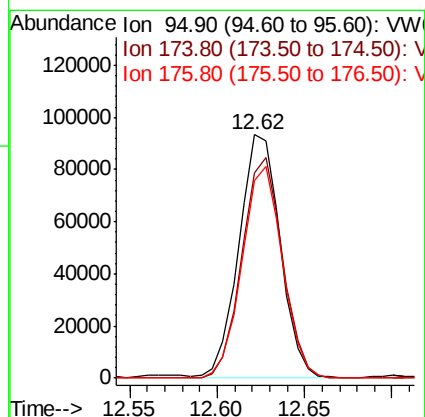
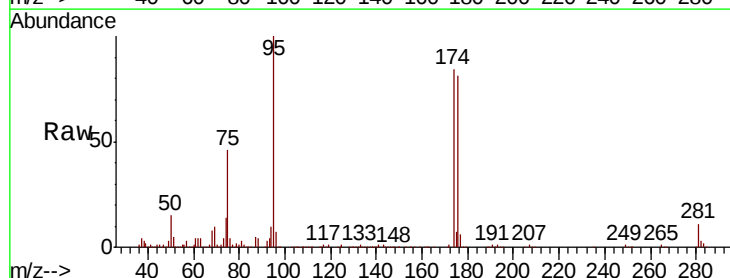
Tgt Ion: 95 Resp: 152286

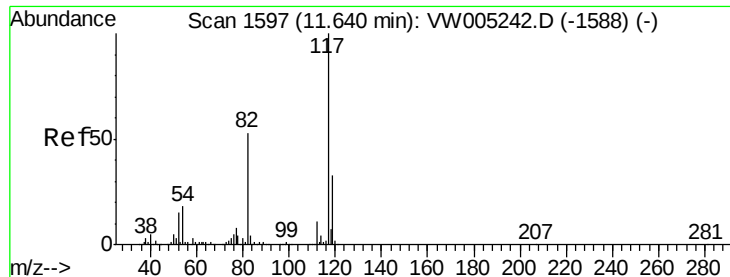
Ion Ratio Lower Upper

95 100

174 89.5 0.0 174.6

176 85.9 0.0 167.6

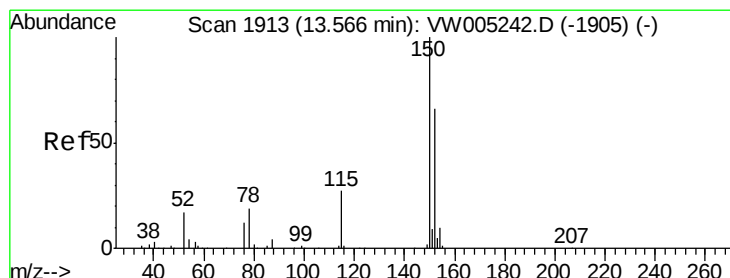
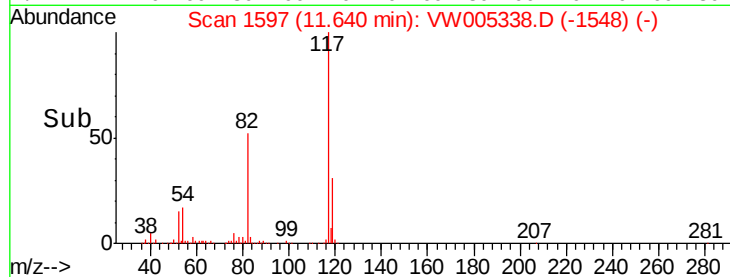
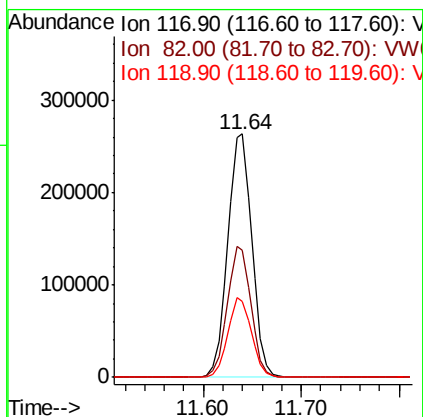
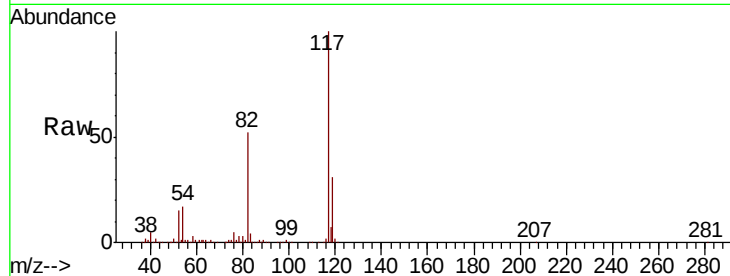




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005338.D
Acq: 12 Sep 2018 20:39

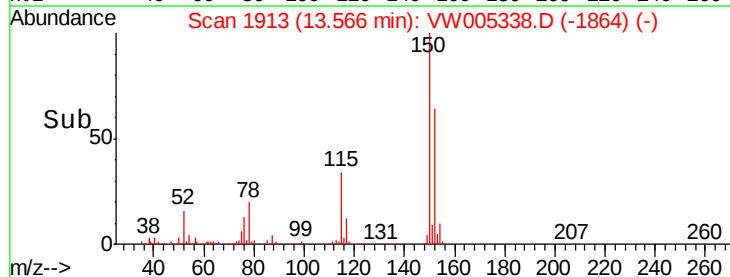
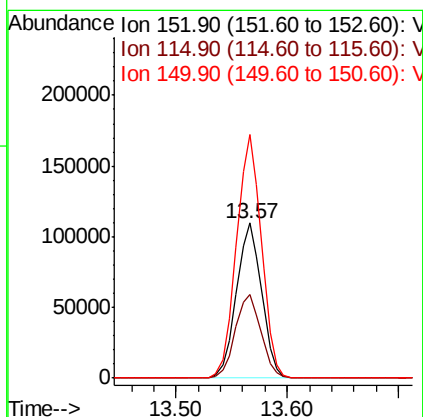
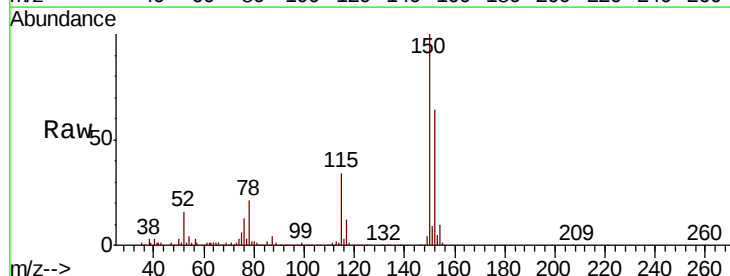
Instrument :
MSVOA_W
ClientSampleId :
292

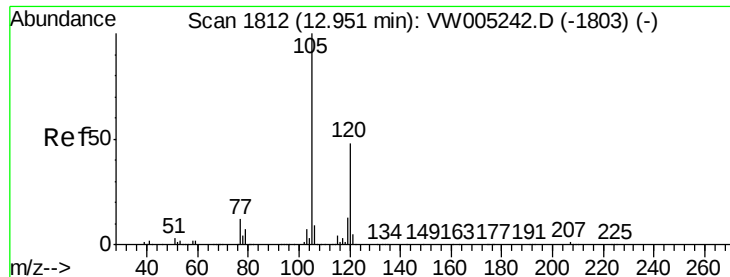
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	63.8
119	31.4	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005338.D
Acq: 12 Sep 2018 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.5	82.4
150	156.5	0.0	347.4





#80

1,3,5-Trimethylbenzene

Concen: 1.24 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005338.D

Acq: 12 Sep 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

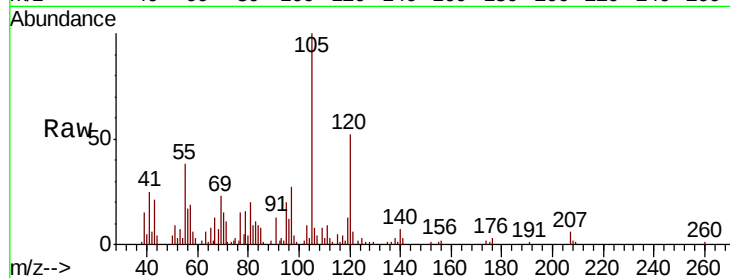
292

Tot Ion:105 Resp: 12697

Ion Ratio Lower Upper

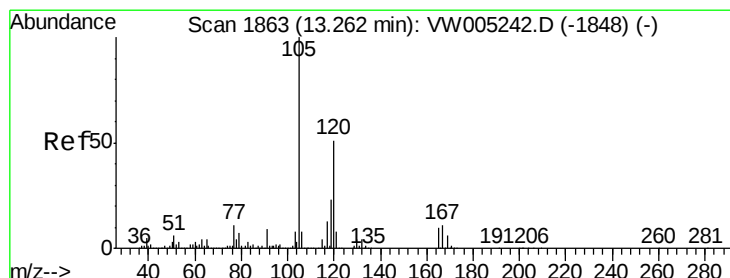
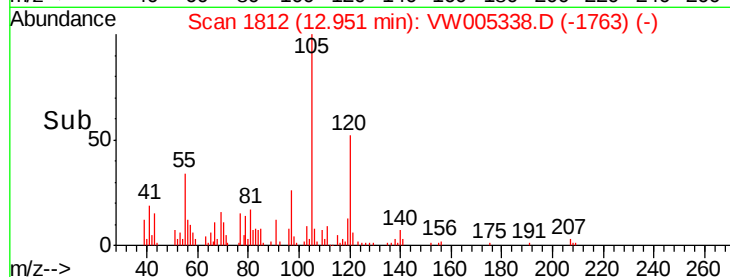
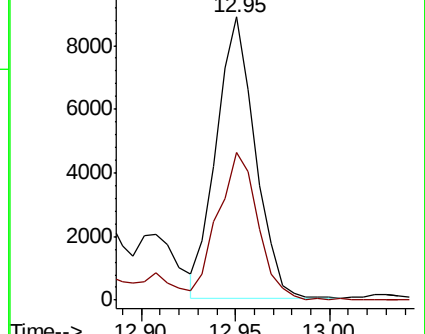
105 100

120 54.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.81 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VW005338.D

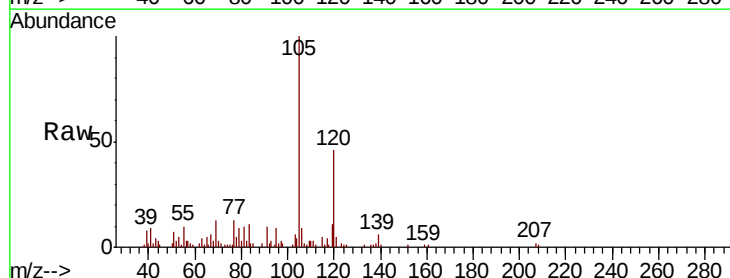
Acq: 12 Sep 2018 20:39

Tgt Ion:105 Resp: 18605

Ion Ratio Lower Upper

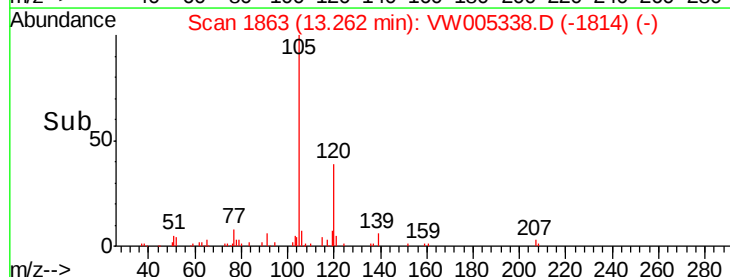
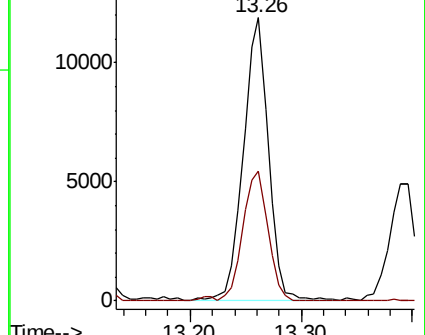
105 100

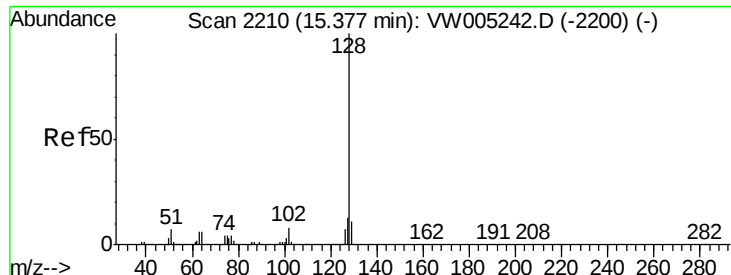
120 45.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 58.48 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005338.D
Acq: 12 Sep 2018 20:39

Instrument :
MSVOA_W
ClientSampleId :
292

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.0	8.8	13.2

