

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005431.D
 Acq On : 17 Sep 2018 14:13
 Operator : SY/AP
 Sample : J4773-03
 Misc : 6.67G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-091418-B

Quant Time: Sep 18 01:38:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

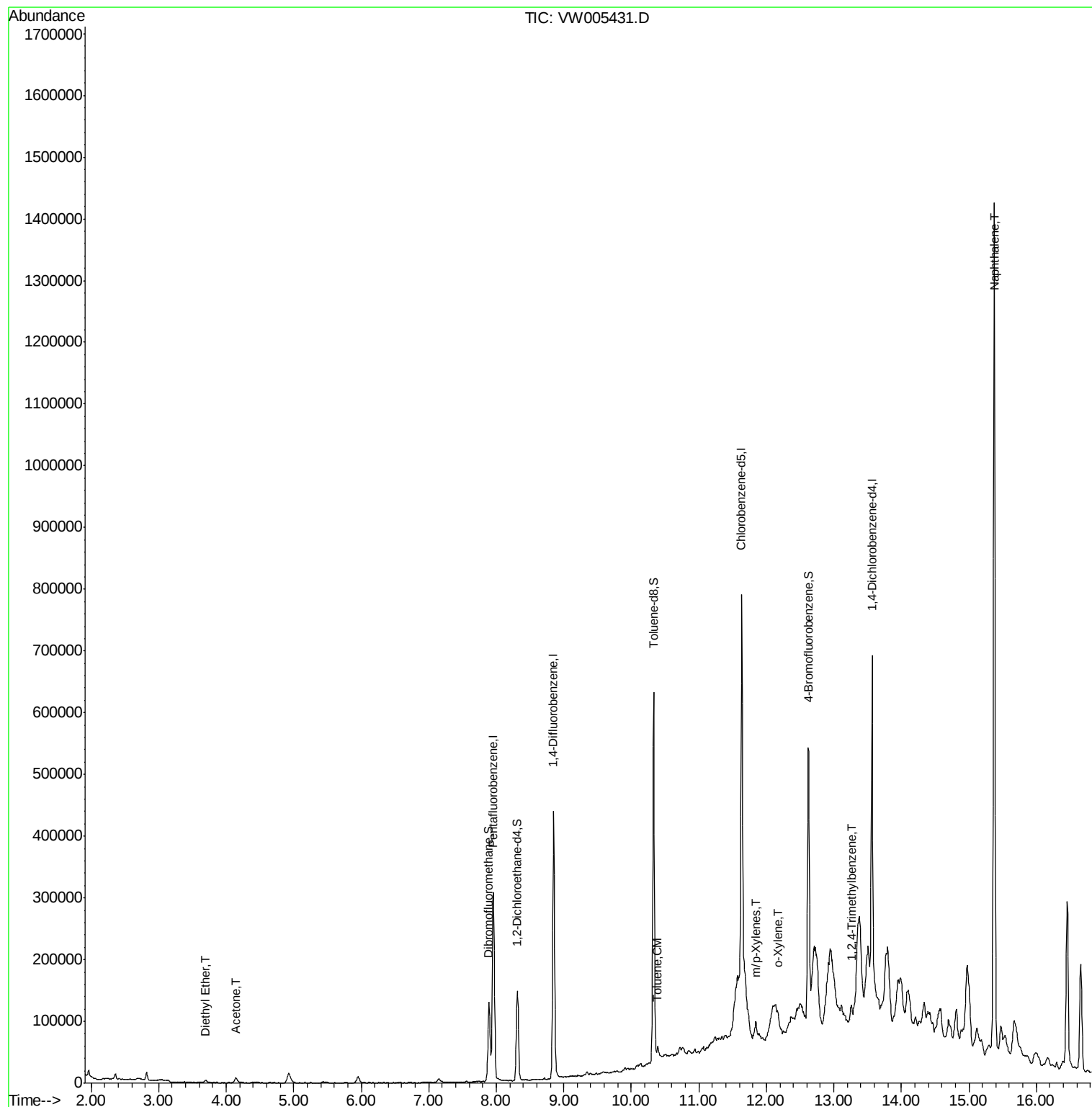
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	234216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	369900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	348251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116620	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	7.90	113	91938	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
50) Toluene-d8	10.33	98	400036	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	
62) 4-Bromofluorobenzene	12.62	95	147243	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	
Target Compounds						
8) Diethyl Ether	3.69	74	1870	1.83	ug/l	100
16) Acetone	4.14	43	15184	27.39	ug/l	100
52) Toluene	10.39	92	7718	1.12	ug/l	95
68) m/p-Xylenes	11.84	106	6876	1.37	ug/l	96
69) o-Xylene	12.18	106	4910	1.05	ug/l	83
84) 1,2,4-Trimethylbenzene	13.26	105	13197	1.41	ug/l	81
95) Naphthalene	15.38	128	1139269	231.10	ug/l	99

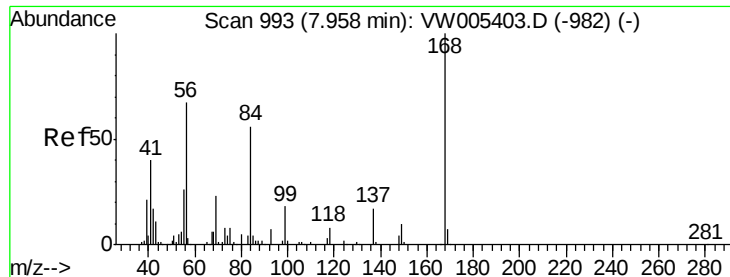
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 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: VW005431.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

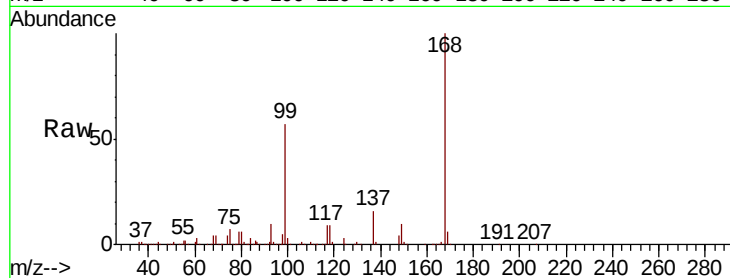
CL-01-091418-B

Tot Ion:168 Resp: 234216

Ion Ratio Lower Upper

168 100

99 57.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

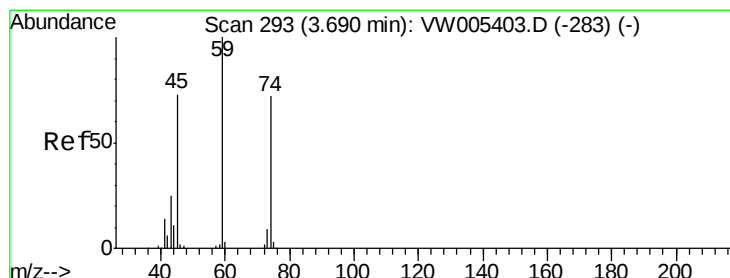
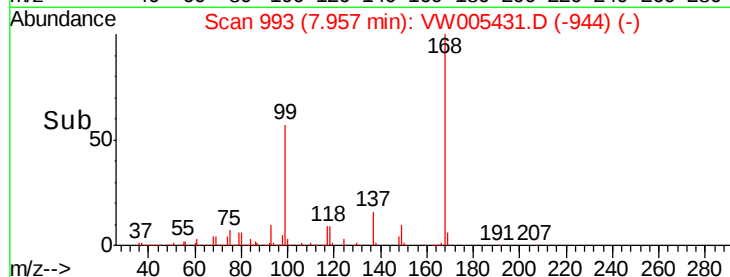
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.83 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005431.D

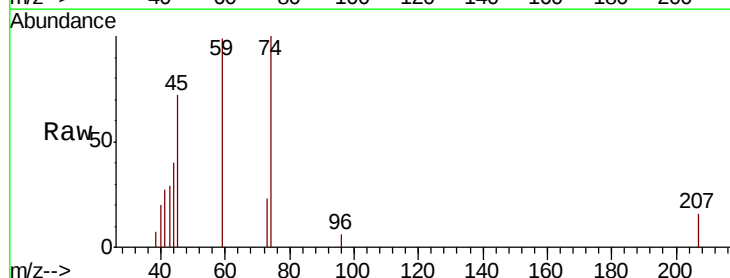
Acq: 17 Sep 2018 14:13

Tgt Ion: 74 Resp: 1870

Ion Ratio Lower Upper

74 100

45 106.6 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

1000

800

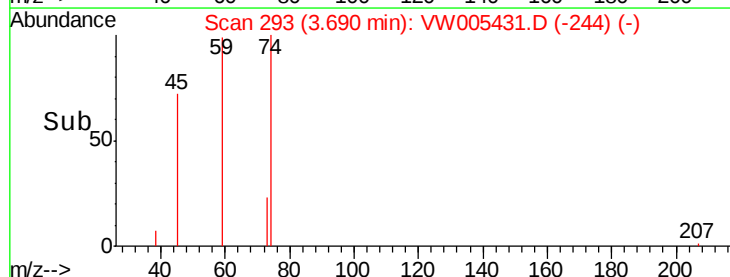
600

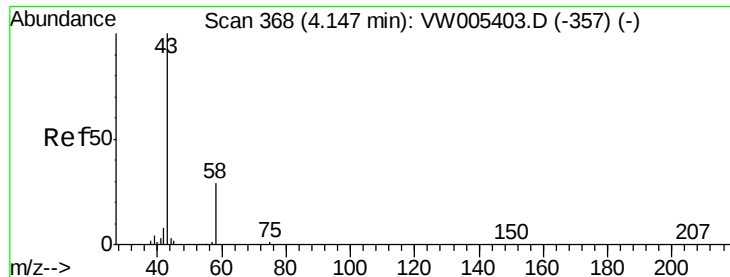
400

200

0

Time-->





#16

Acetone

Concen: 27.39 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005431.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

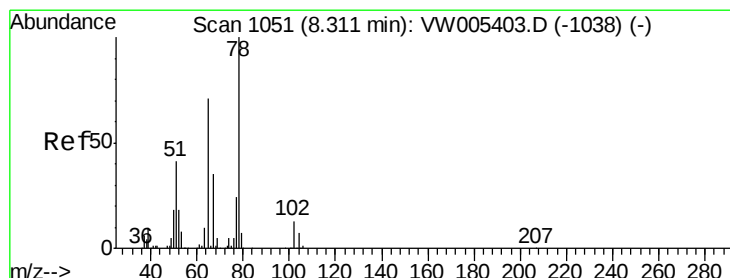
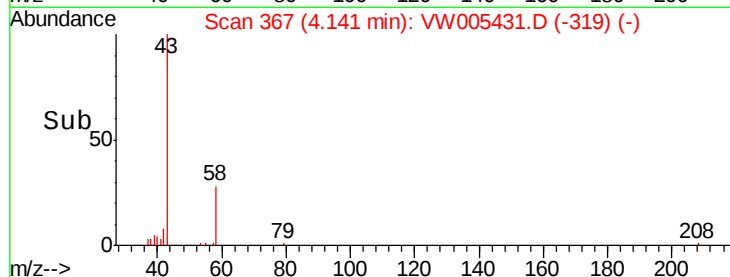
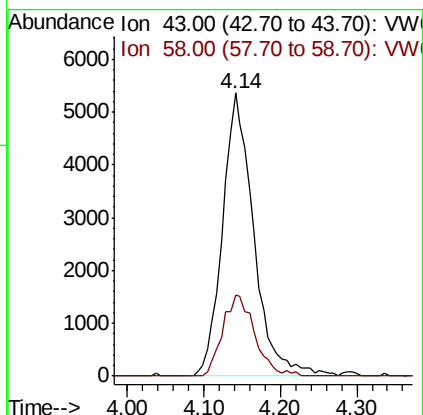
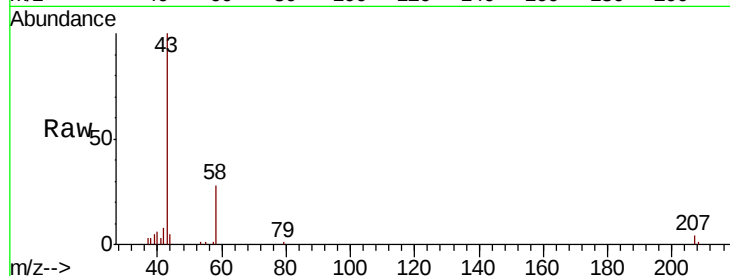
CL-01-091418-B

Tot Ion: 43 Resp: 15184

Ion Ratio Lower Upper

43 100

58 28.5 22.8 34.2



#33

1,2-Dichloroethane-d4

Concen: 47.97 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005431.D

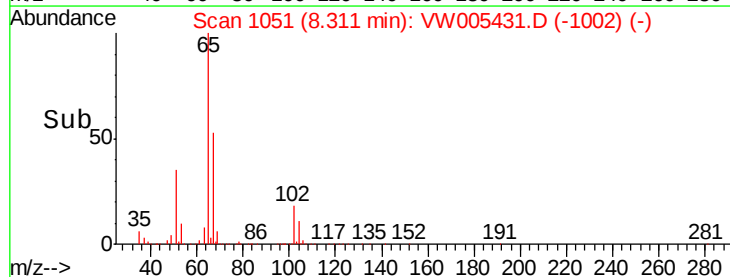
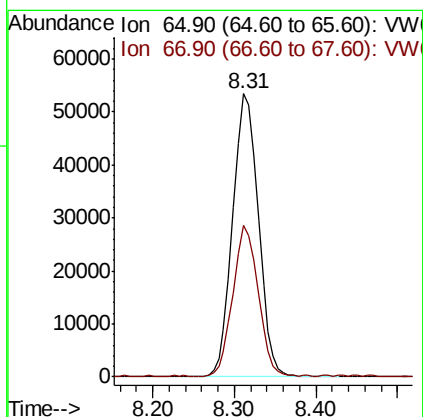
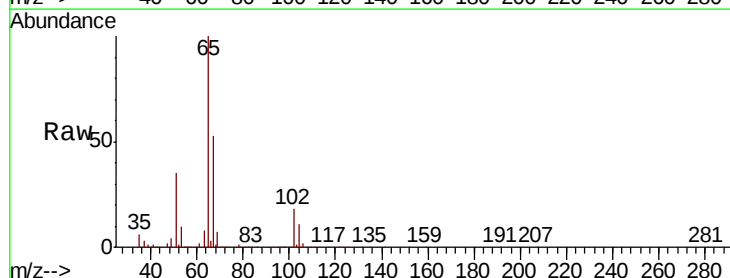
Acq: 17 Sep 2018 14:13

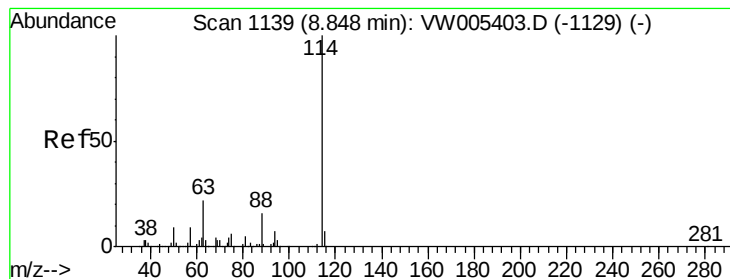
Tgt Ion: 65 Resp: 116620

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005431.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-B

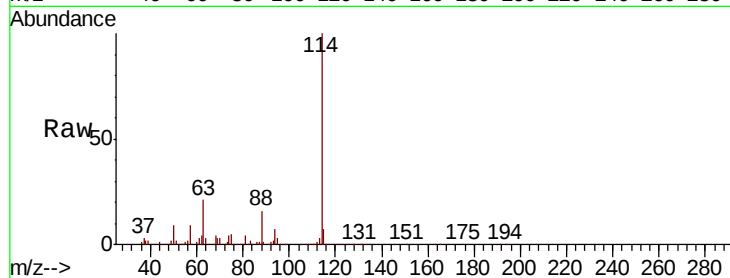
Tot Ion:114 Resp: 369900

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

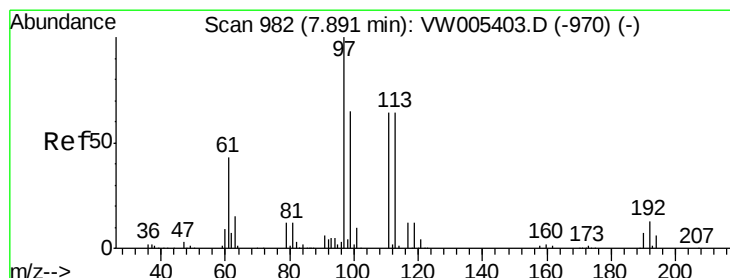
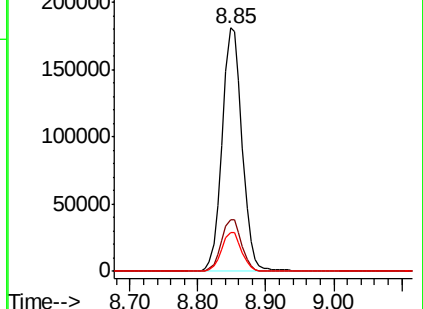
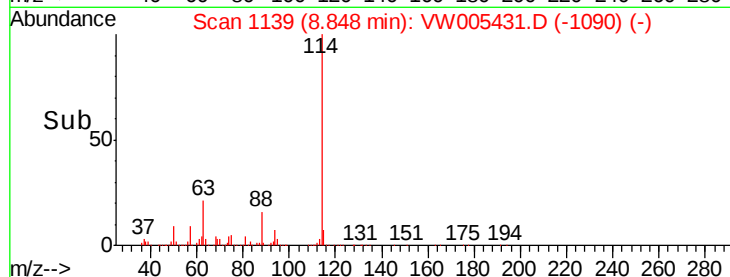
88 16.2 0.0 31.8



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: 44.33 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005431.D

Acq: 17 Sep 2018 14:13

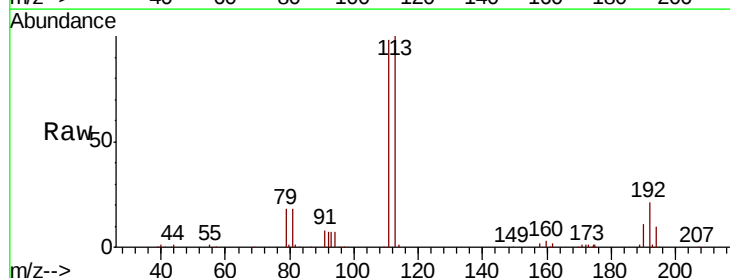
Tgt Ion:113 Resp: 91938

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

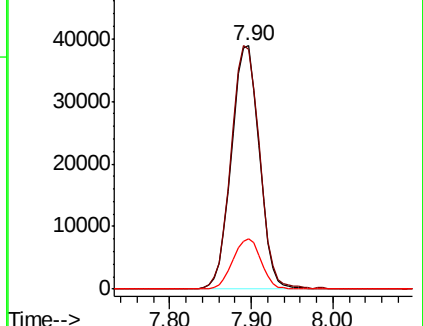
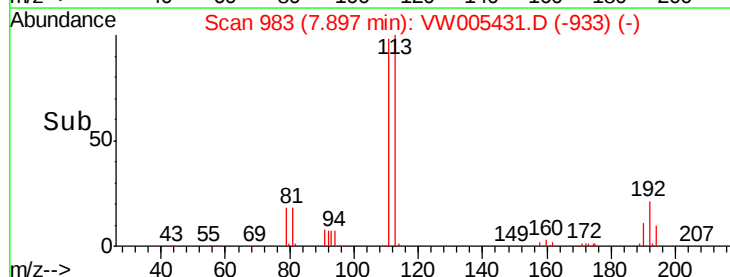
192 20.8 16.5 24.7

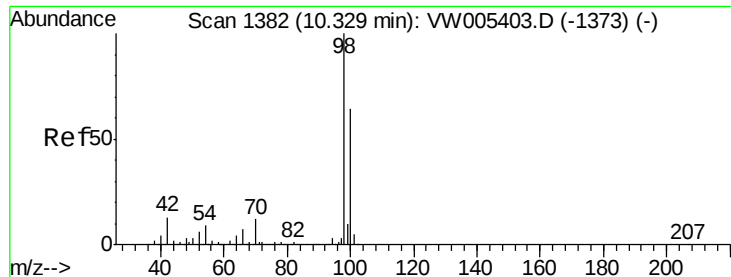


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.12 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005431.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

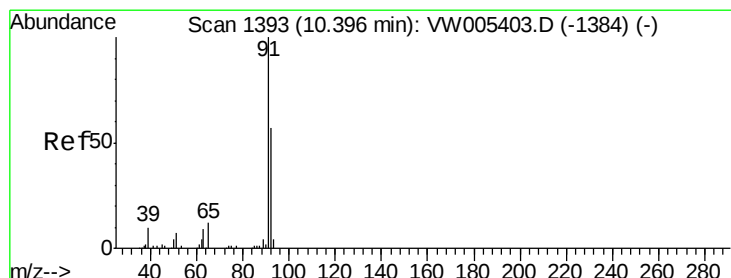
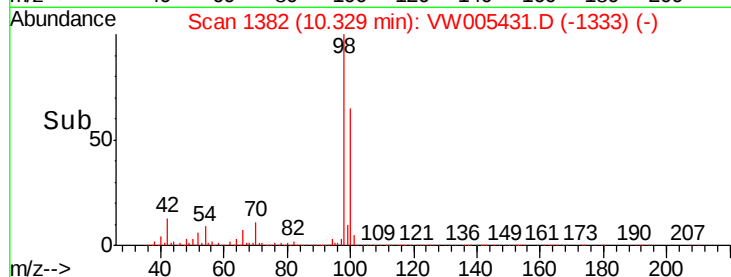
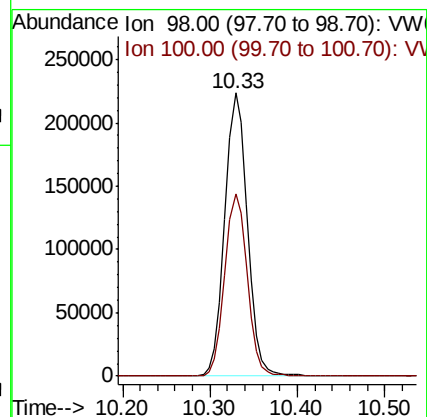
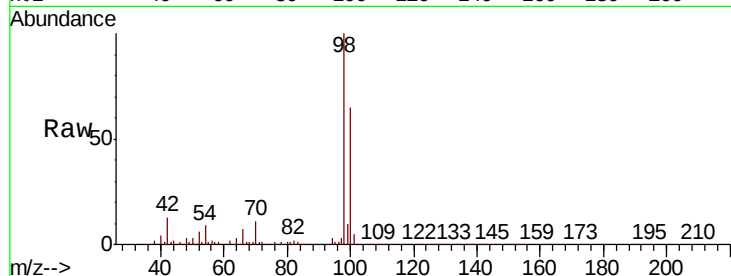
CL-01-091418-B

Tot Ion: 98 Resp: 400036

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



#52

Toluene

Concen: 1.12 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005431.D

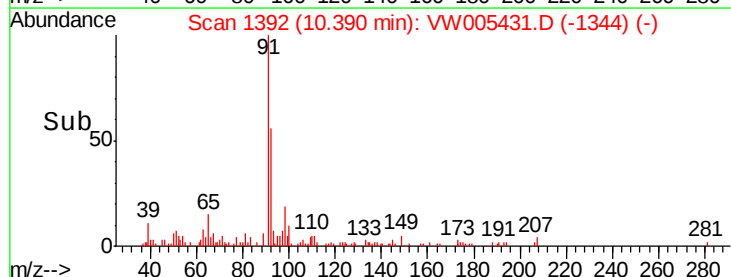
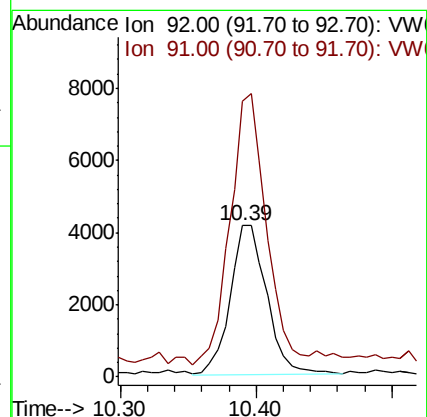
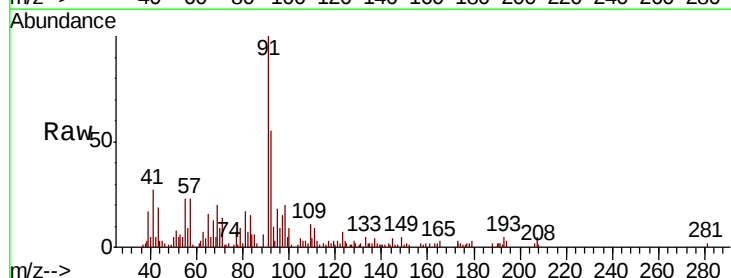
Acq: 17 Sep 2018 14:13

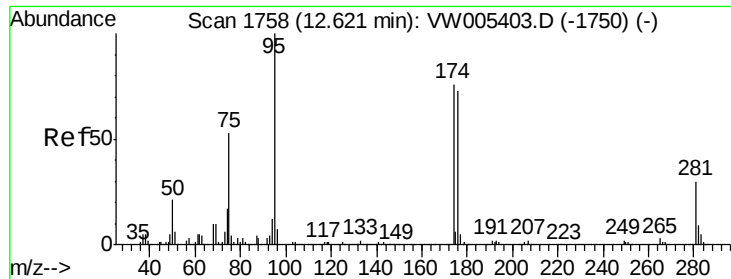
Tgt Ion: 92 Resp: 7718

Ion Ratio Lower Upper

92 100

91 181.1 139.1 208.7

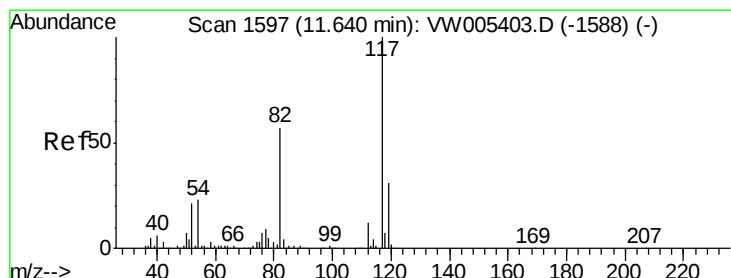
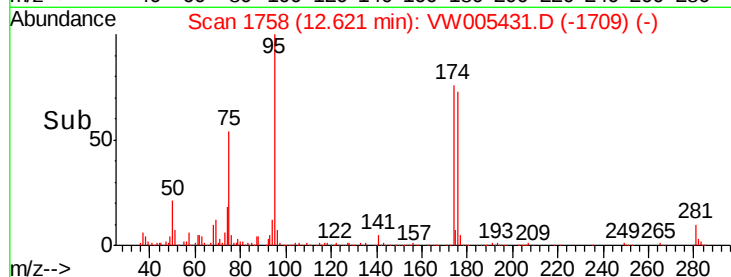
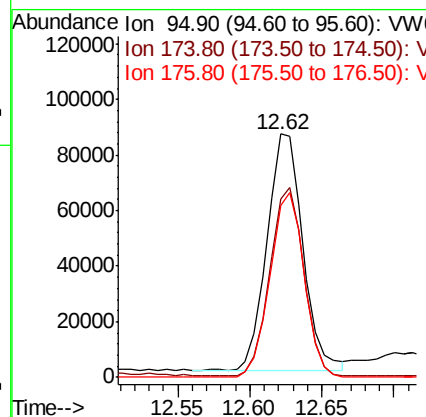
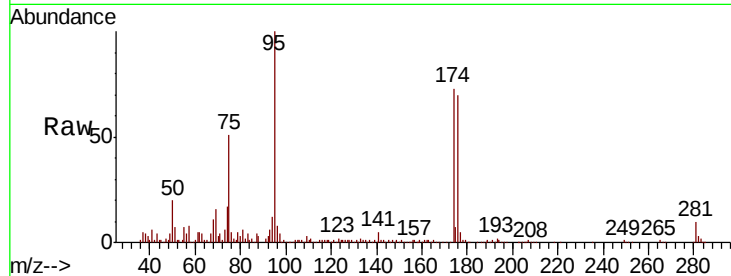




#62
4-Bromofluorobenzene
Concen: 42.28 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

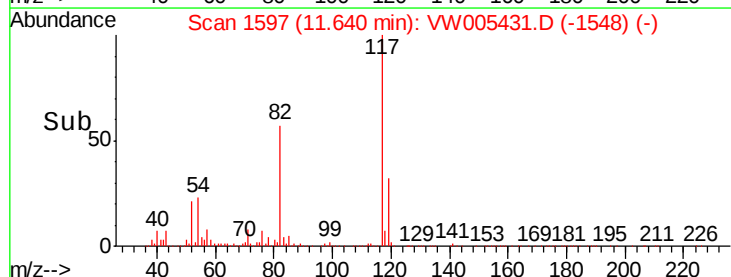
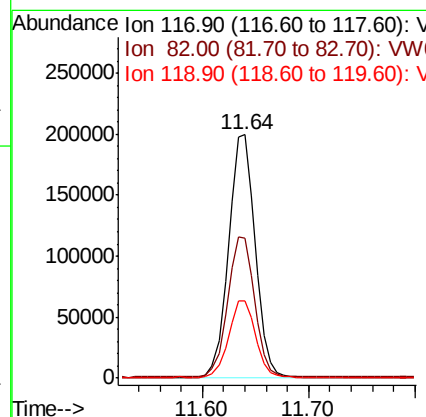
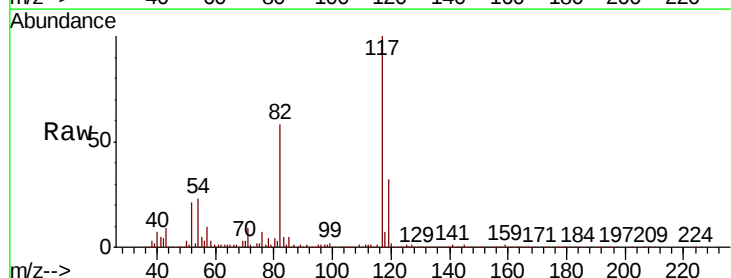
Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

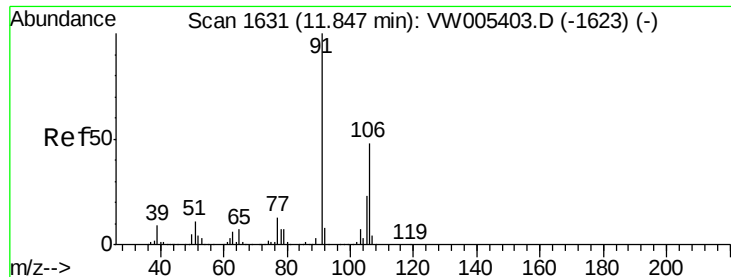
Tot Ion: 95 Resp: 147243
Ion Ratio Lower Upper
95 100
174 75.3 0.0 161.2
176 74.6 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 117 Resp: 348251
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 31.4 24.8 37.2

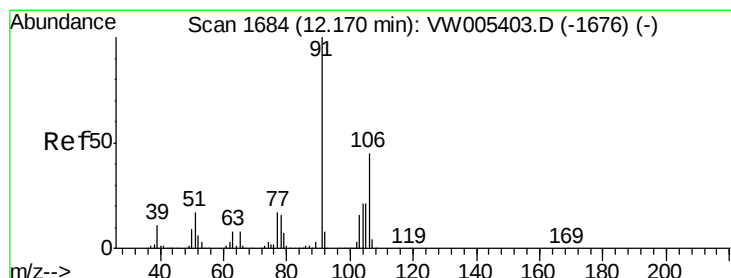
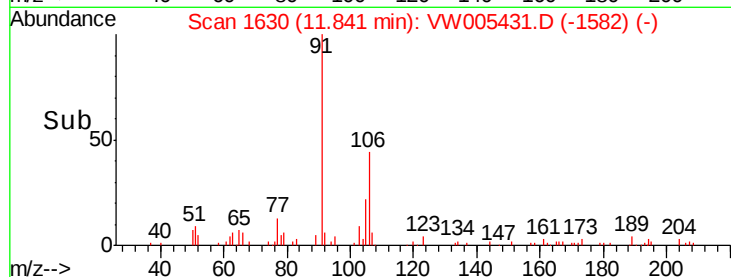
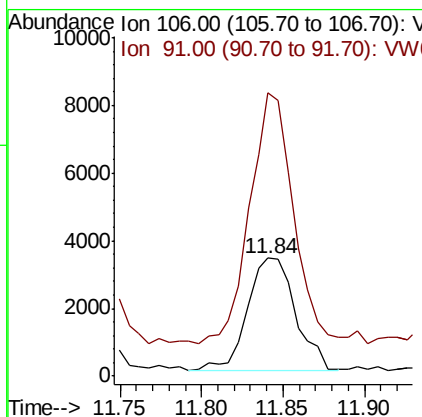
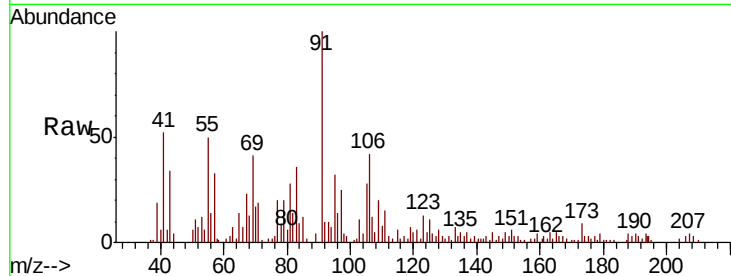




#68
m/p-Xylenes
Concen: 1.37 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

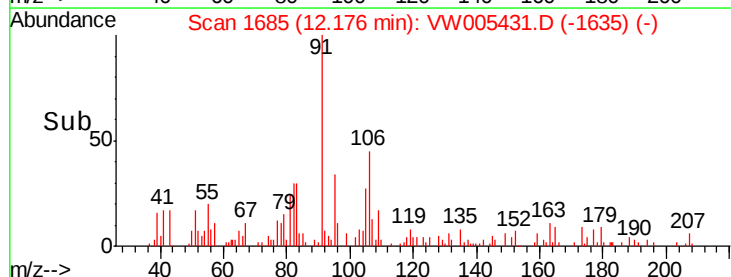
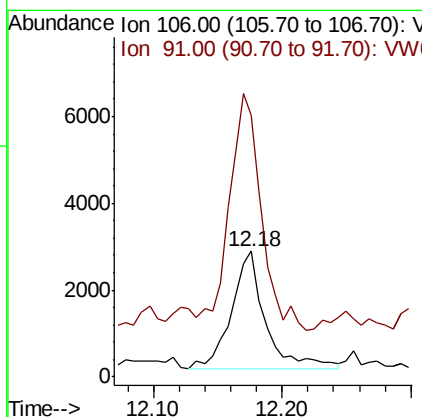
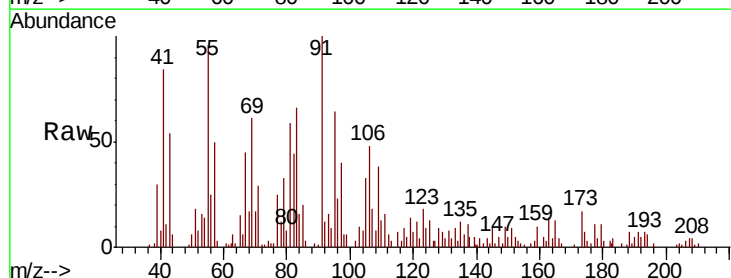
Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

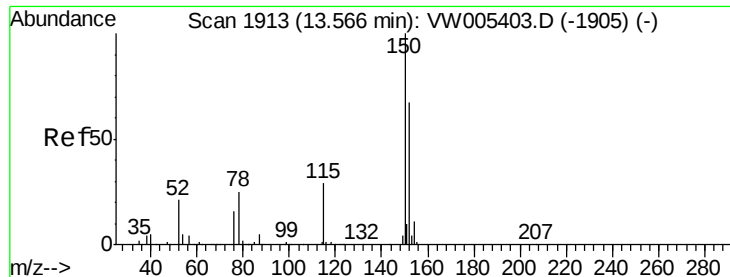
Tot Ion:106 Resp: 6876
Ion Ratio Lower Upper
106 100
91 203.5 167.9 251.9



#69
o-Xylene
Concen: 1.05 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Tgt Ion:106 Resp: 4910
Ion Ratio Lower Upper
106 100
91 192.9 110.6 331.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005431.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-B

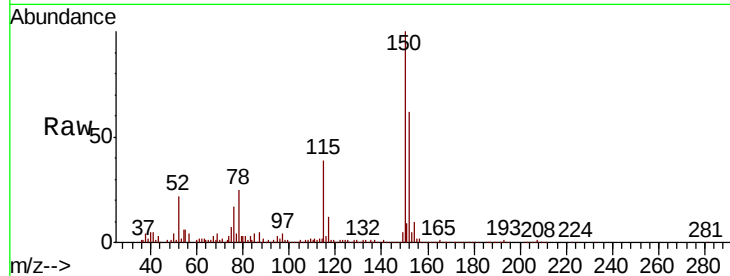
Tot Ion:152 Resp: 150825

Ion Ratio Lower Upper

152 100

115 60.1 29.5 88.5

150 154.4 0.0 345.6

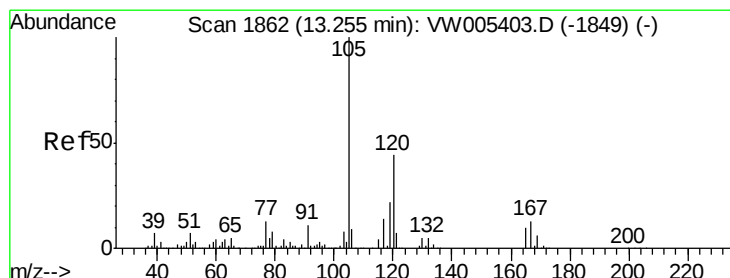
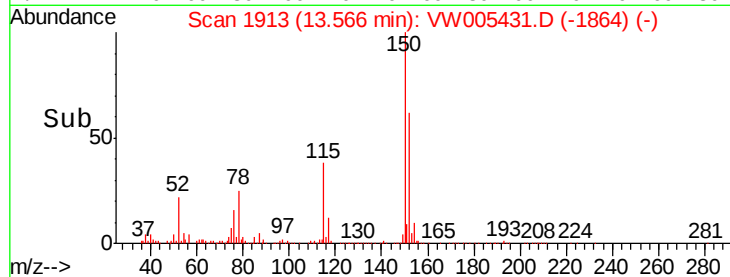
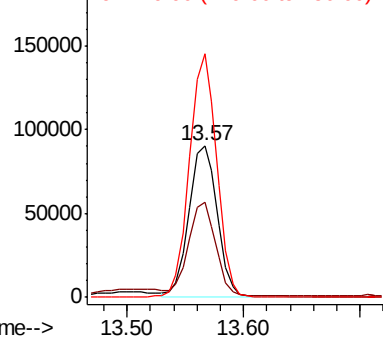


Abundance

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



#84

1,2,4-Trimethylbenzene

Concen: 1.41 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005431.D

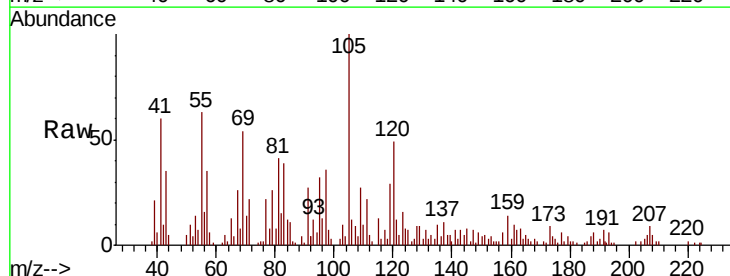
Acq: 17 Sep 2018 14:13

Tgt Ion:105 Resp: 13197

Ion Ratio Lower Upper

105 100

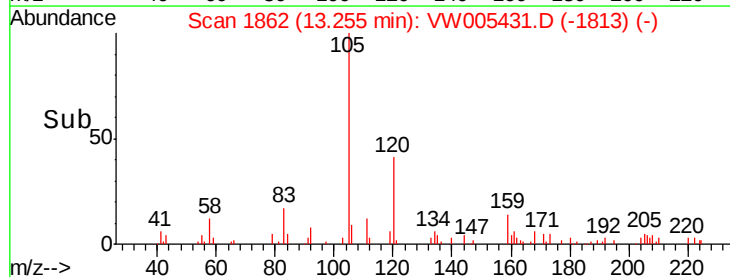
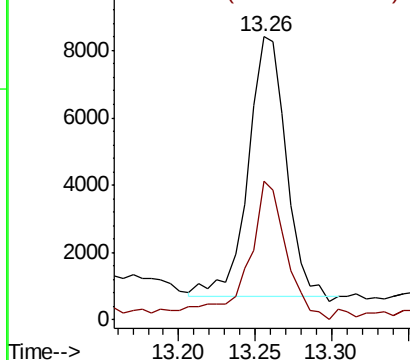
120 56.0 21.8 65.3

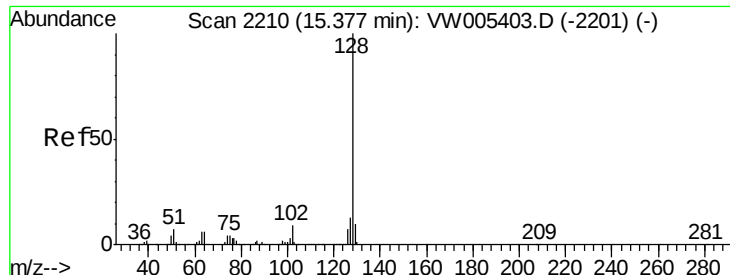


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 231.10 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005431.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-B

Tot Ion:128 Resp: 1139269
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 11.0 8.7 13.1

