

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006178.D
 Acq On : 18 Oct 2018 16:18
 Operator : VA/AP
 Sample : J5575-09
 Misc : 5.3G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25A-B

Quant Time: Oct 19 07:07:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	386888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109792	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.88	113	104967	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
50) Toluene-d8	10.33	98	385167	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
62) 4-Bromofluorobenzene	12.62	95	145188	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	

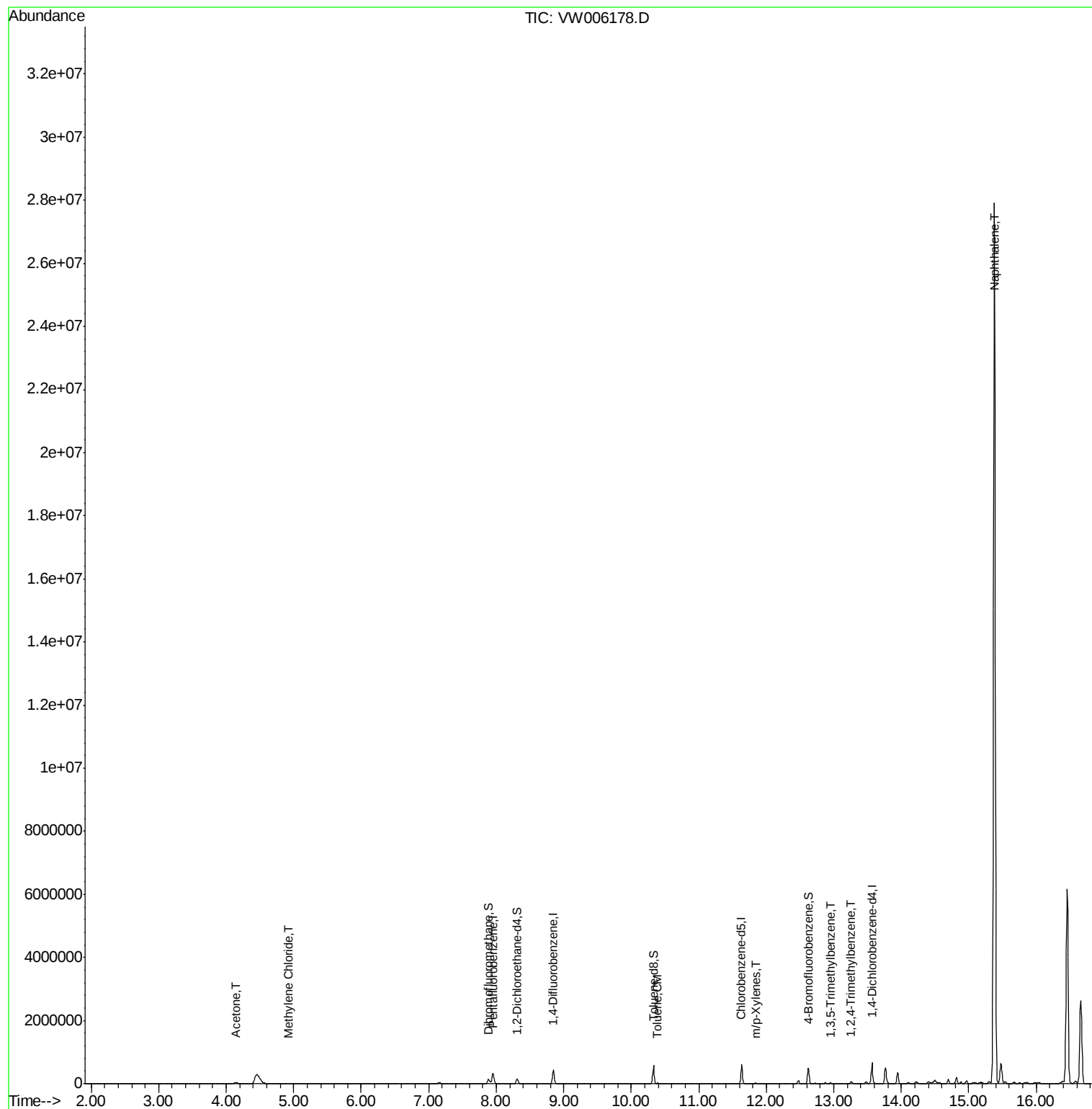
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	73486	172.66	ug/l	99
20) Methylene Chloride	4.92	84	8265	1.97	ug/l	92
52) Toluene	10.39	92	7395	1.13	ug/l	99
68) m/p-Xylenes	11.84	106	5869	1.15	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	18500	1.65	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	37683	3.33	ug/l	98
95) Naphthalene	15.37	128	20810051	2819.39	ug/l #	83

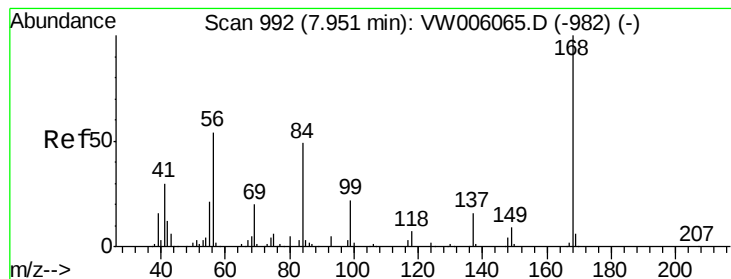
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
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SSSI-1015-S-DH-25A-B

Quant Time: Oct 19 07:07:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006178.D

Acq: 18 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

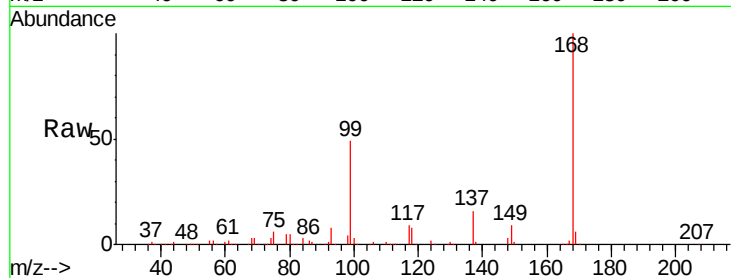
SSSI-1015-S-DH-25A-B

Tgt Ion: 168 Resp: 266566

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

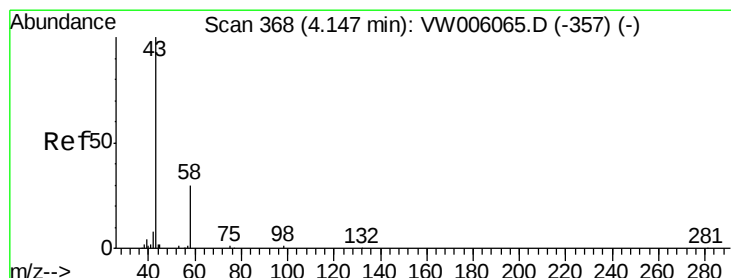
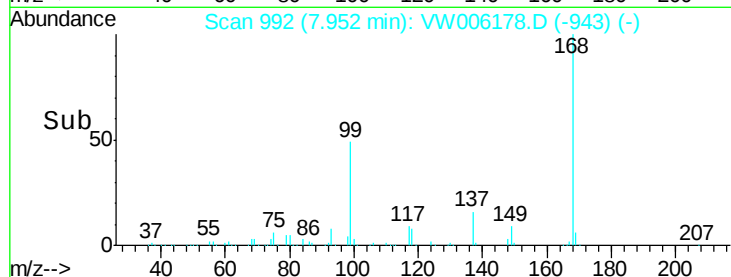
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 172.66 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006178.D

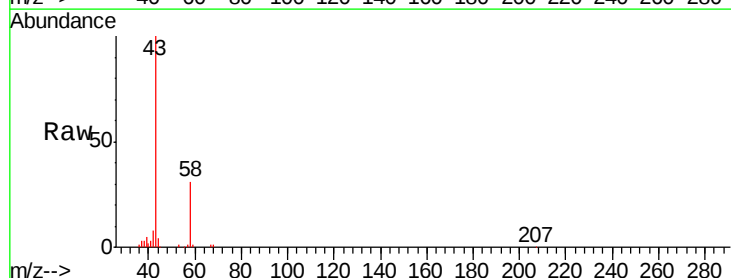
Acq: 18 Oct 2018 16:18

Tgt Ion: 43 Resp: 73486

Ion Ratio Lower Upper

43 100

58 30.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

25000

20000

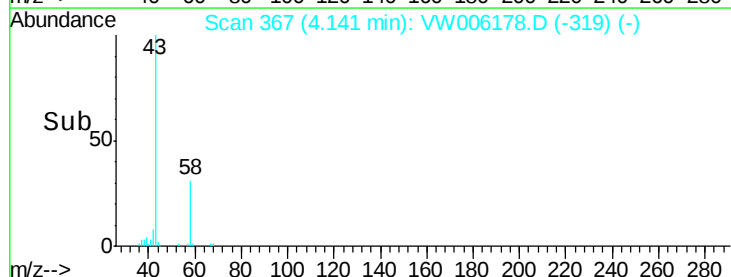
15000

10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 1.97 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006178.D

Acq: 18 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25A-B

Tgt Ion: 84 Resp: 8265

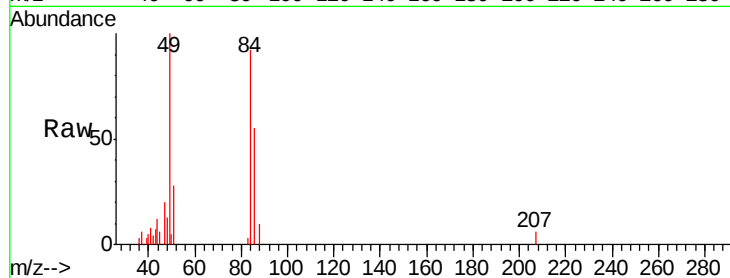
Ion Ratio Lower Upper

84 100

49 109.1 93.6 140.4

51 31.1 29.0 43.4

86 59.6 52.6 79.0

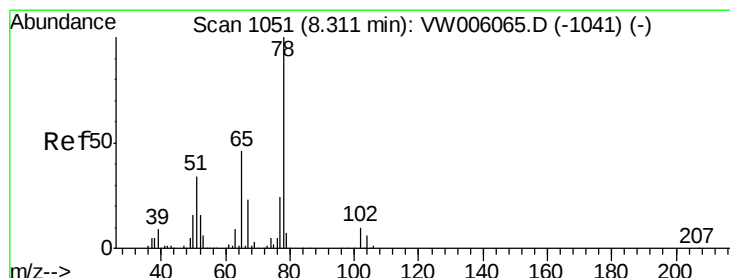
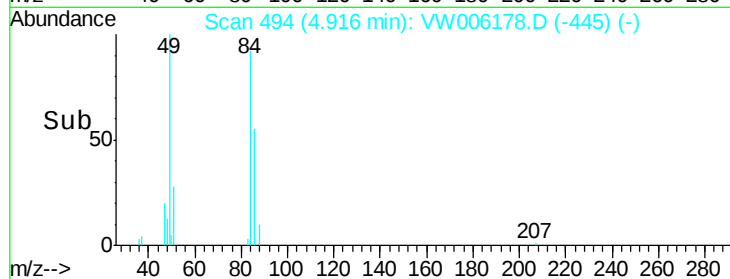
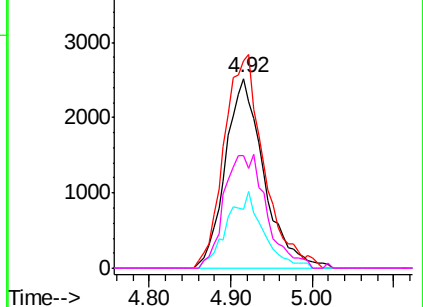


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 49.68 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006178.D

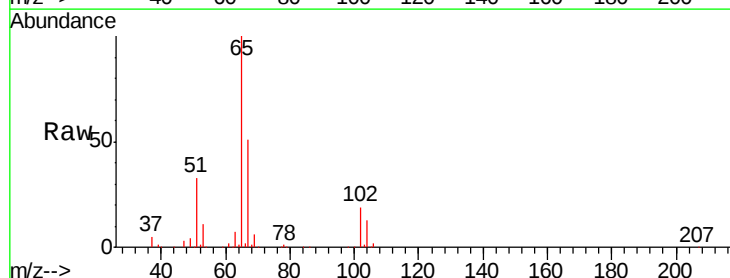
Acq: 18 Oct 2018 16:18

Tgt Ion: 65 Resp: 109792

Ion Ratio Lower Upper

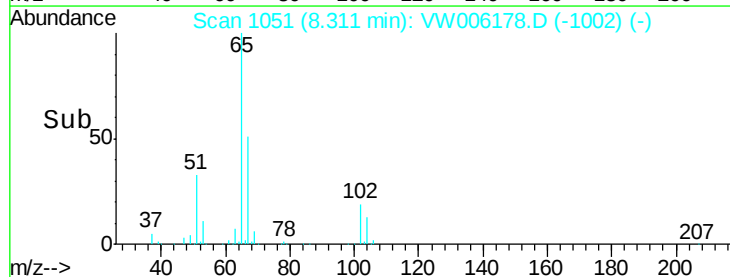
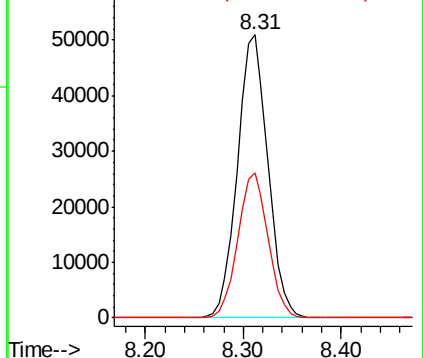
65 100

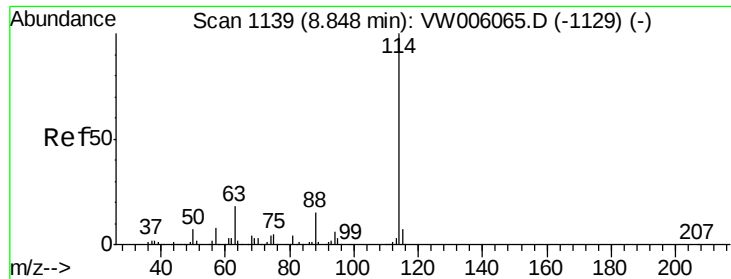
67 51.0 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

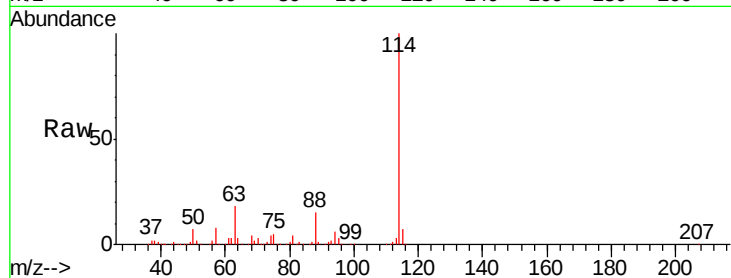




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006178.D
 Acq: 18 Oct 2018 16:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25A-B

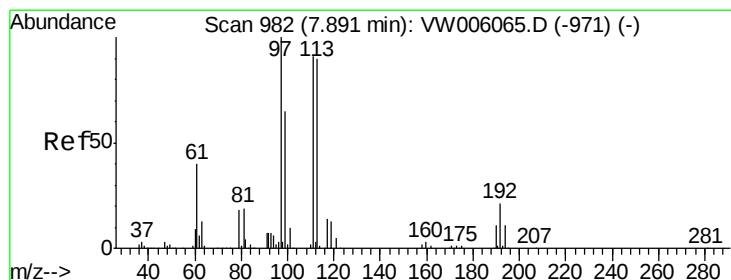
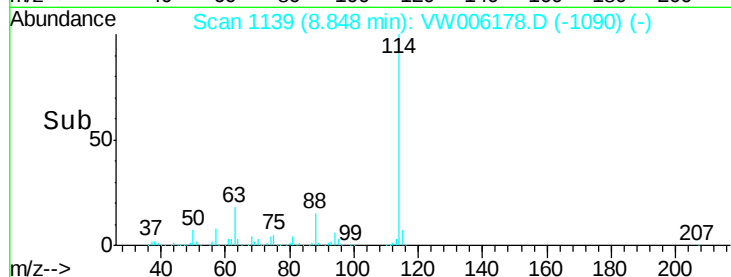
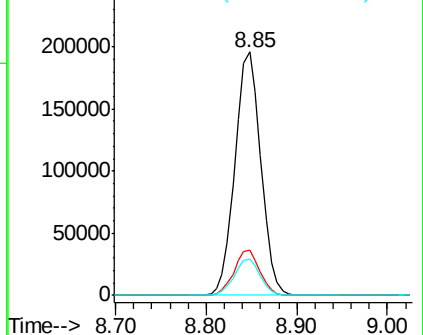
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	14.6	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

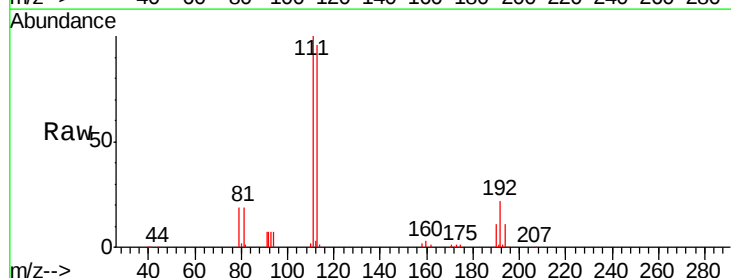
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 45.92 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006178.D
 Acq: 18 Oct 2018 16:18

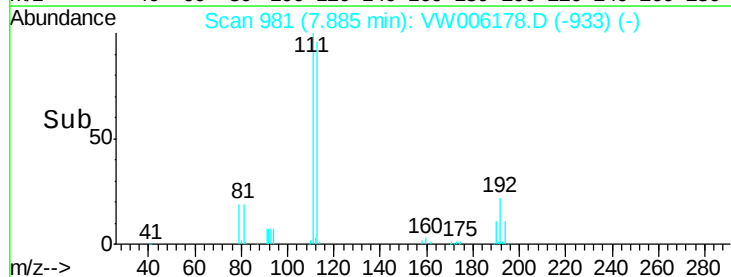
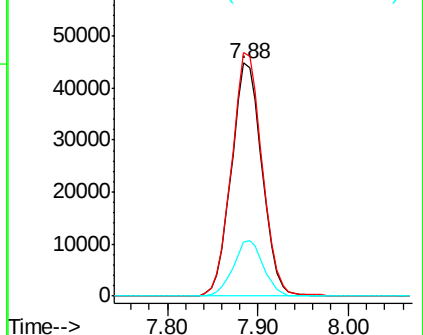
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	23.3	18.7	28.1

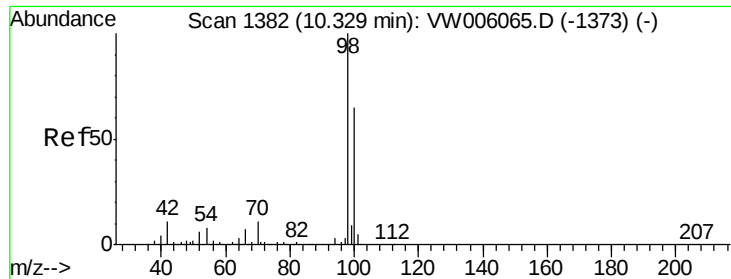


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.28 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006178.D

Acq: 18 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

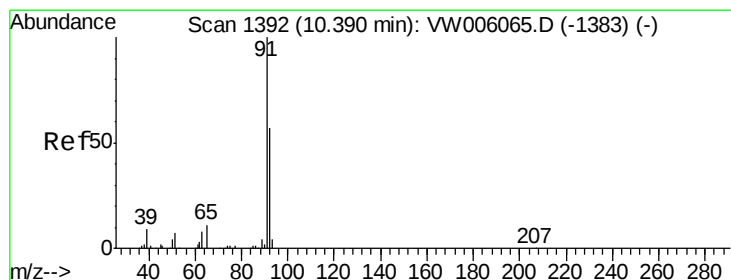
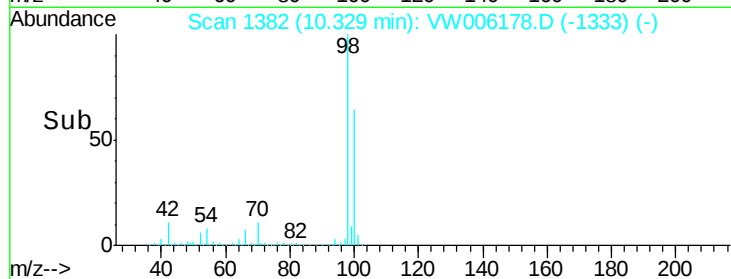
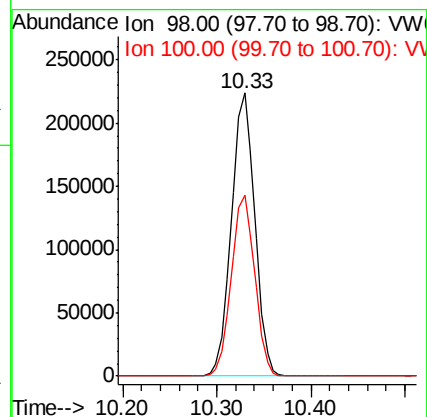
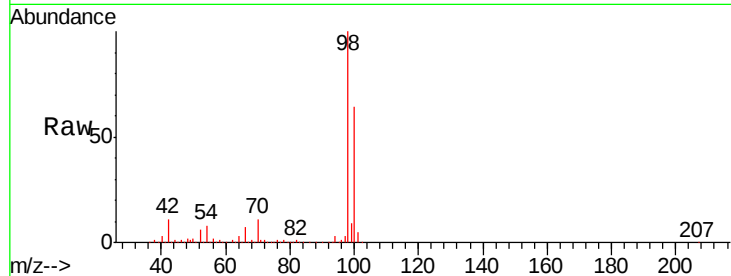
SSSI-1015-S-DH-25A-B

Tgt Ion: 98 Resp: 385167

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#52

Toluene

Concen: 1.13 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006178.D

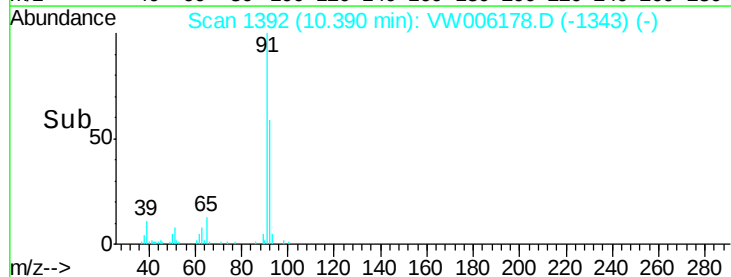
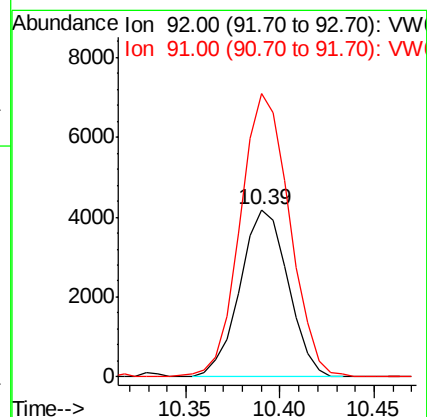
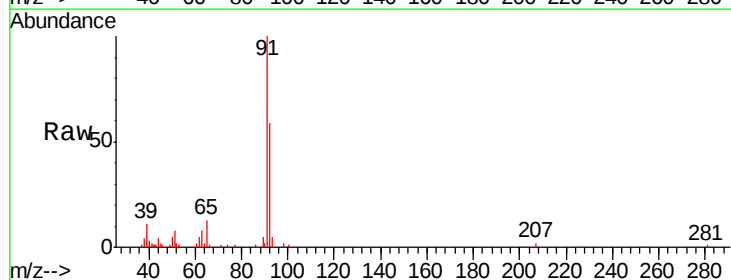
Acq: 18 Oct 2018 16:18

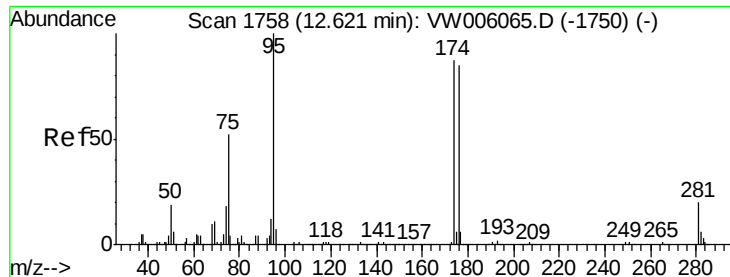
Tgt Ion: 92 Resp: 7395

Ion Ratio Lower Upper

92 100

91 173.8 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 44.45 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006178.D

Acq: 18 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-25A-B

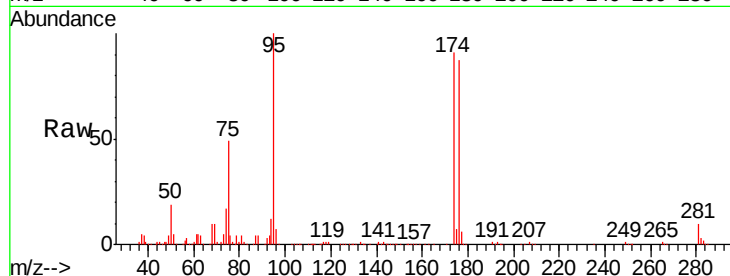
Tgt Ion: 95 Resp: 145188

Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.0

176 91.6 0.0 181.6



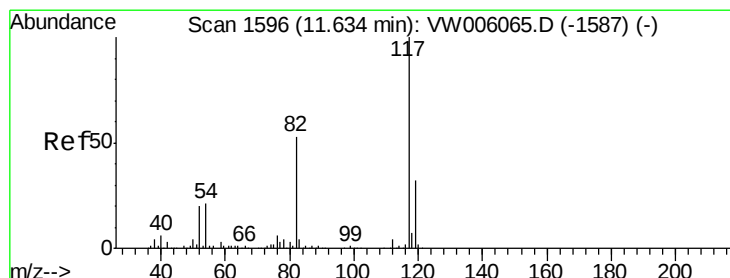
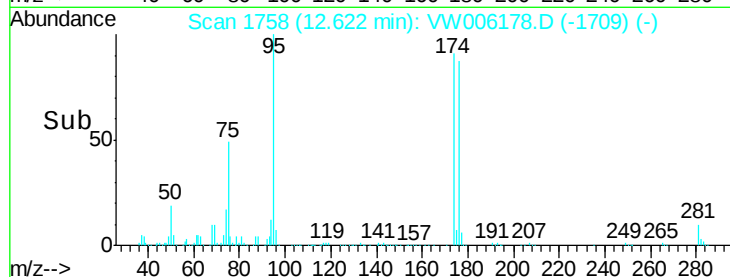
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006178.D

Acq: 18 Oct 2018 16:18

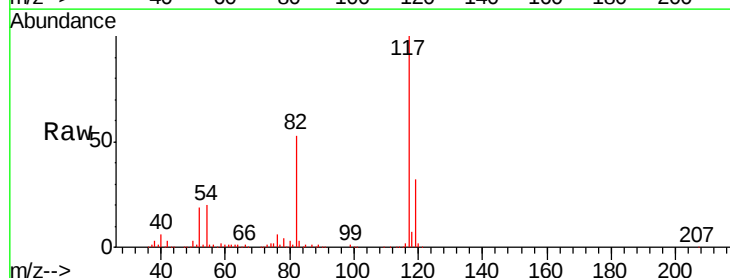
Tgt Ion: 117 Resp: 348844

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

119 31.8 25.8 38.6



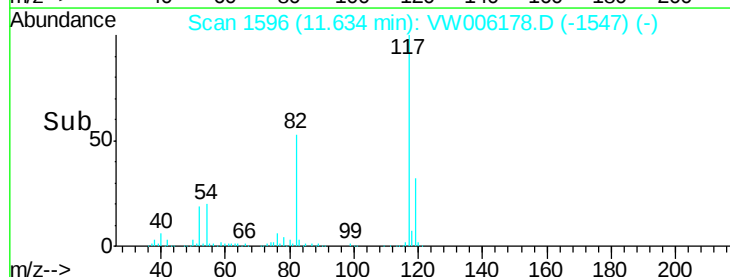
Abundance Ion 116.90 (116.60 to 117.60): VW

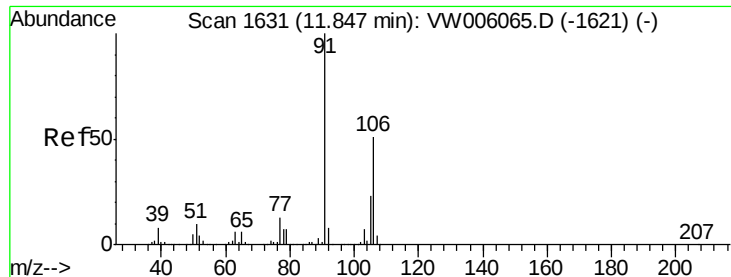
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time-->

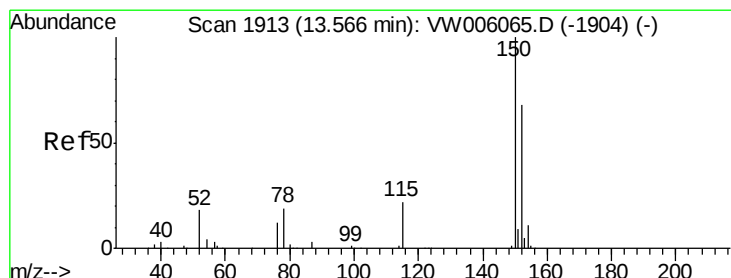
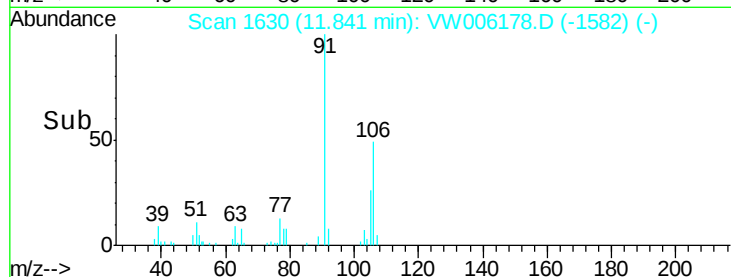
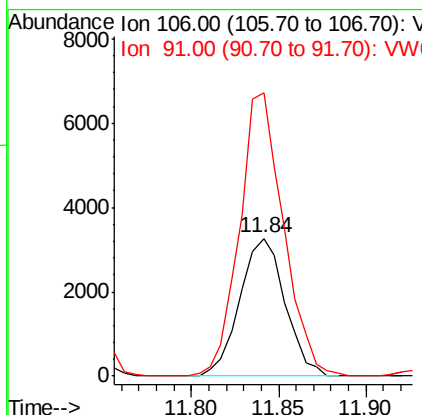
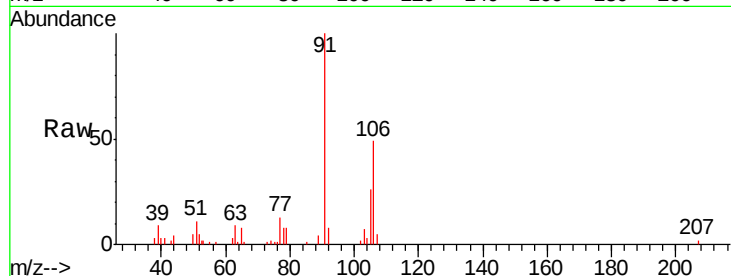




#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006178.D
Acq: 18 Oct 2018 16:18

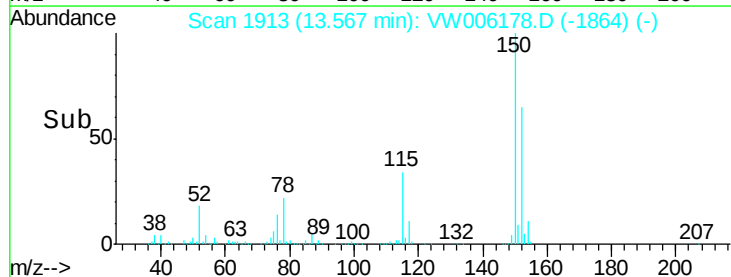
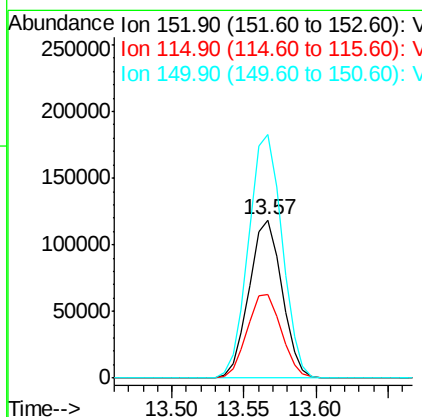
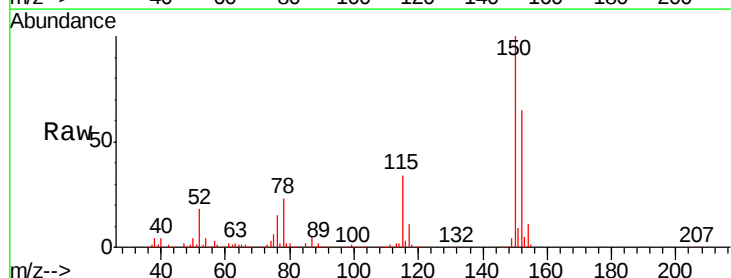
Instrument :
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SSSI-1015-S-DH-25A-B

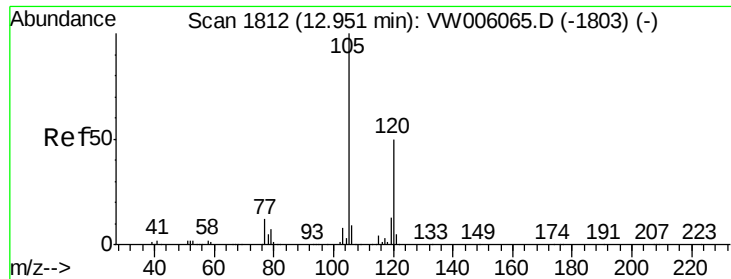
Tgt Ion:106 Resp: 5869
Ion Ratio Lower Upper
106 100
91 201.0 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006178.D
Acq: 18 Oct 2018 16:18

Tgt Ion:152 Resp: 187726
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.3
150 157.0 0.0 349.2

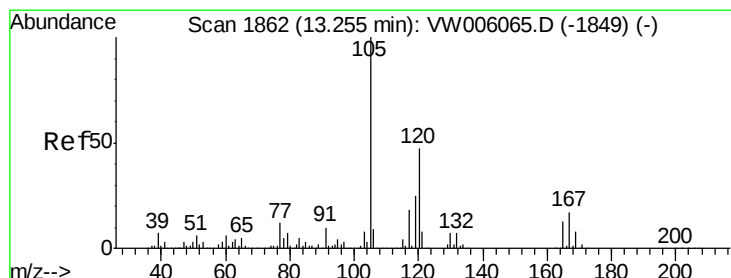
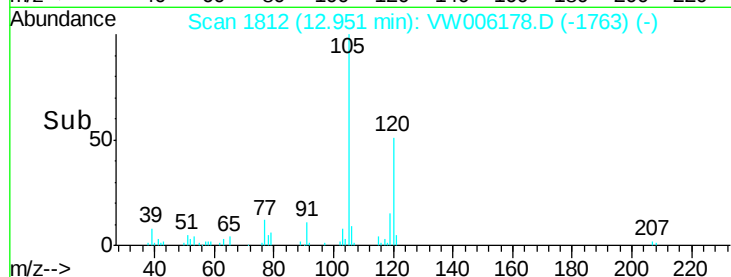
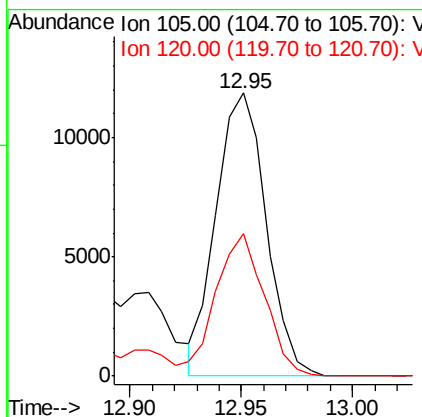
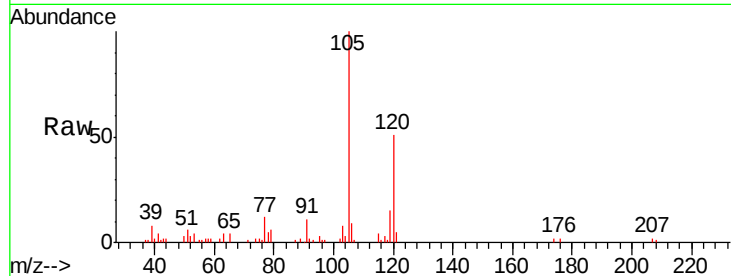




#80
 1,3,5-Trimethylbenzene
 Concen: 1.65 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006178.D
 Acq: 18 Oct 2018 16:18

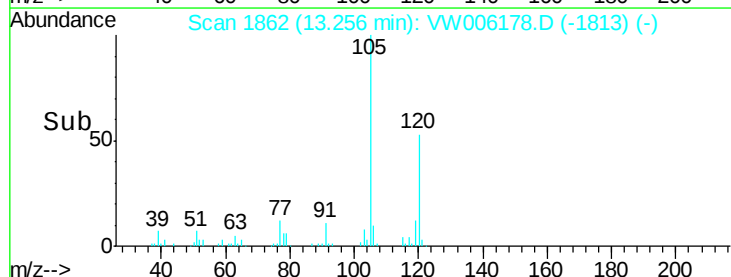
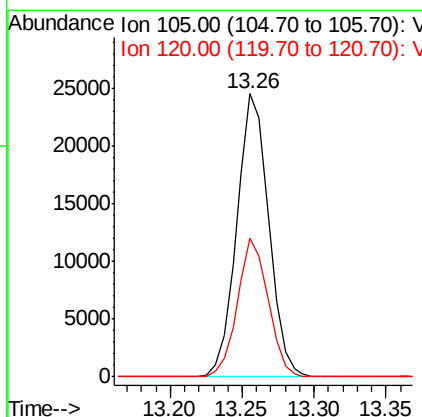
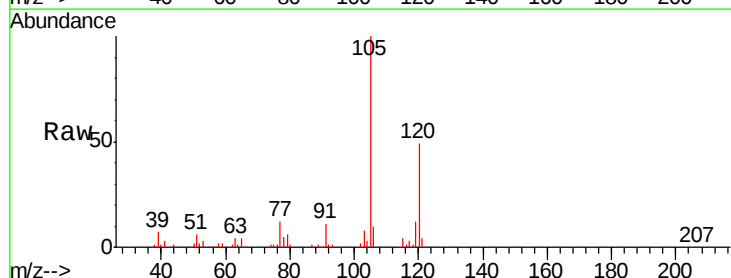
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-25A-B

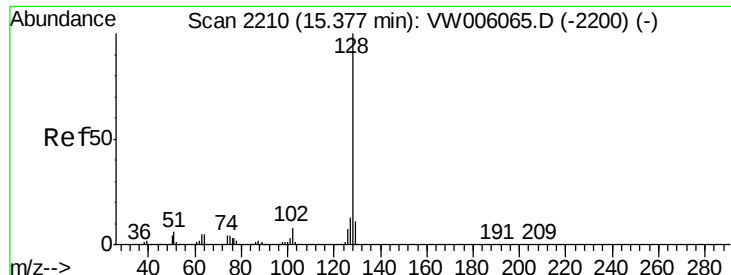
Tgt Ion:105 Resp: 18500
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.33 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006178.D
 Acq: 18 Oct 2018 16:18

Tgt Ion:105 Resp: 37683
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.1 69.3

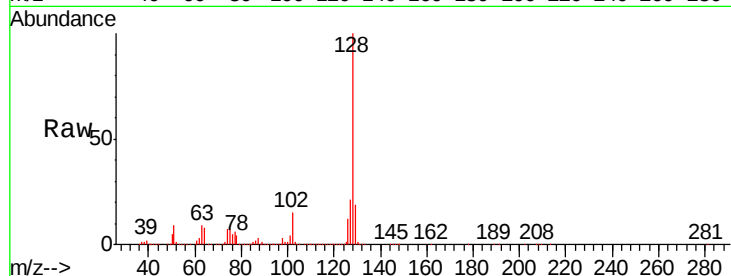




#95
Naphthalene
Concen: 2819.39 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW006178.D
Acq: 18 Oct 2018 16:18

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:128 Resp:20810051
Ion Ratio Lower Upper
128 100
127 19.8 10.3 15.5#
129 17.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

