

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004009.D
 Acq On : 18 Jul 2018 03:53
 Operator : VA/AP
 Sample : J3821-03RE
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-BRE

Quant Time: Jul 18 07:38:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	152759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	270772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	141209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	54736	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	124574	72.96	ug/l	0.00
Spiked Amount			Recovery	=	145.92%	
35) Dibromofluoromethane	7.88	113	61305	35.29	ug/l	0.00
Spiked Amount			Recovery	=	70.58%	
50) Toluene-d8	10.33	98	174504	25.89	ug/l	0.00
Spiked Amount			Recovery	=	51.78%	
62) 4-Bromofluorobenzene	12.63	95	65966	27.14	ug/l	0.00
Spiked Amount			Recovery	=	54.28%	

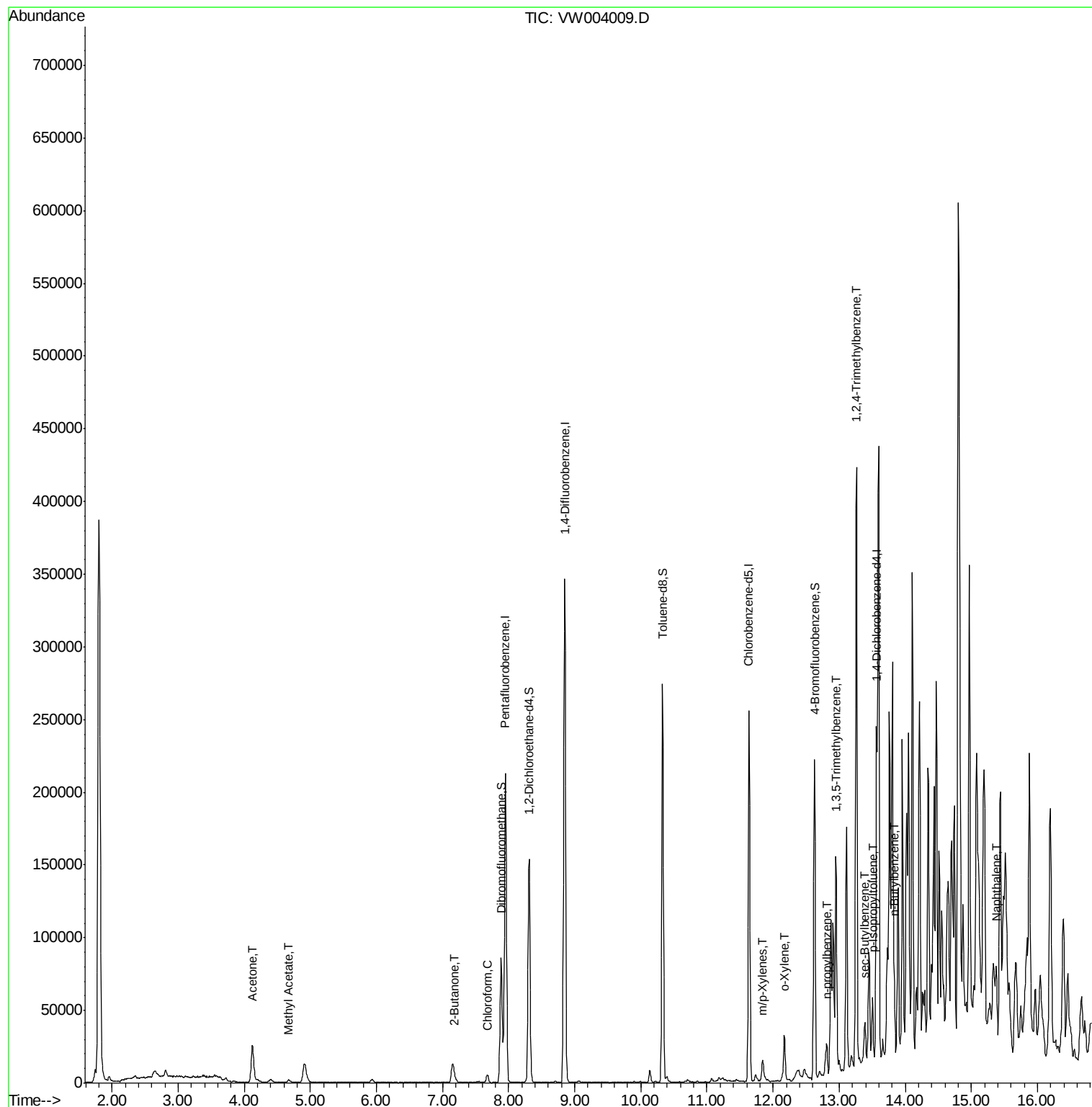
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	44057	107.37	ug/l	94
18) Methyl Acetate	4.67	43	3135	3.18	ug/l	95
25) 2-Butanone	7.18	43	5142	9.31	ug/l	98
30) Chloroform	7.67	83	4699	1.56	ug/l	99
68) m/p-Xylenes	11.84	106	4037	2.00	ug/l	99
69) o-Xylene	12.17	106	7327	3.92	ug/l	92
78) n-propylbenzene	12.81	91	15274	3.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	63935	19.64	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	219778	65.63	ug/l	99
85) sec-Butylbenzene	13.40	105	15147	3.74	ug/l	84
86) p-Isopropyltoluene	13.51	119	22870	6.43	ug/l	98
89) n-Butylbenzene	13.83	91	23573	6.74	ug/l #	72
95) Naphthalene	15.38	128	16774	7.86	ug/l #	97

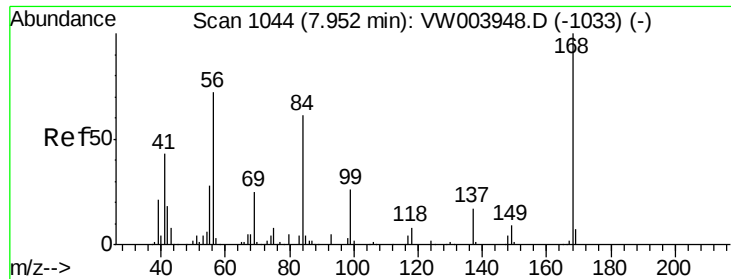
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004009.D

Acq: 18 Jul 2018 03:53

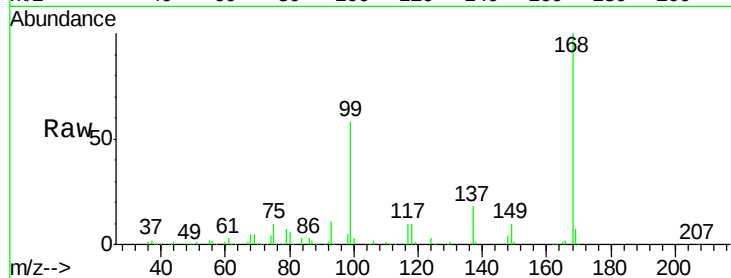
Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-BRE

Tot Ion:168 Resp: 152759

Ion Ratio Lower Upper

168 100

99 58.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

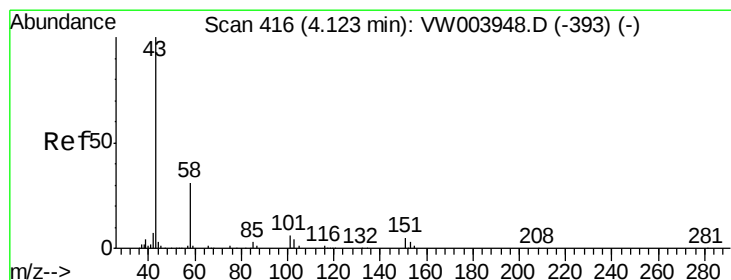
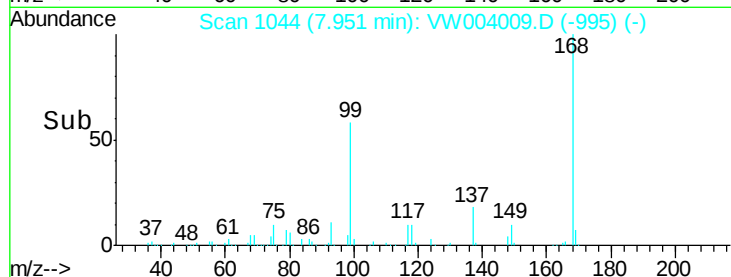
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 107.37 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004009.D

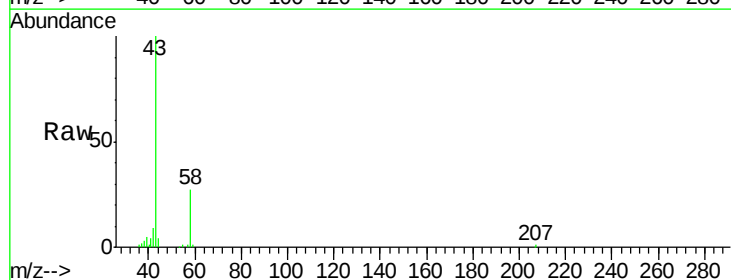
Acq: 18 Jul 2018 03:53

Tgt Ion: 43 Resp: 44057

Ion Ratio Lower Upper

43 100

58 27.4 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

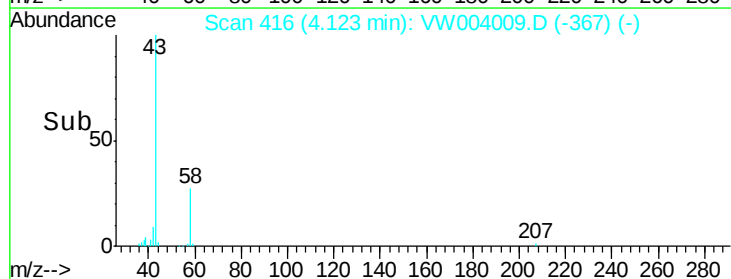
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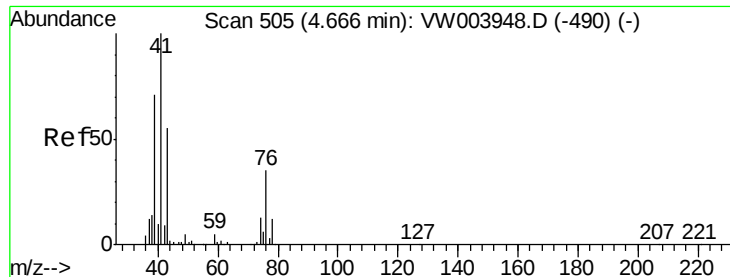
5000

0

4.00 4.10 4.20

Time-->

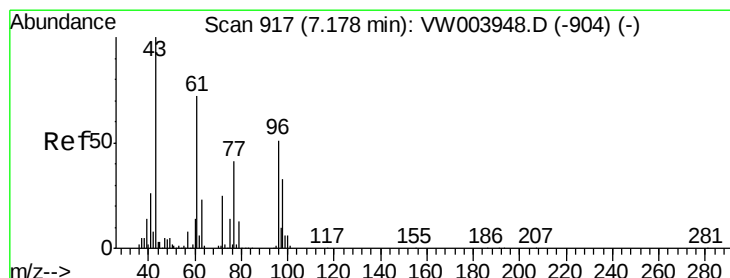
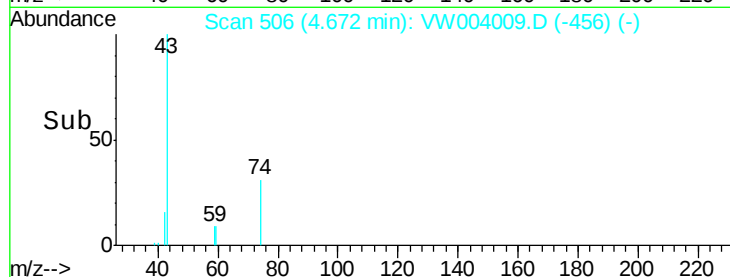
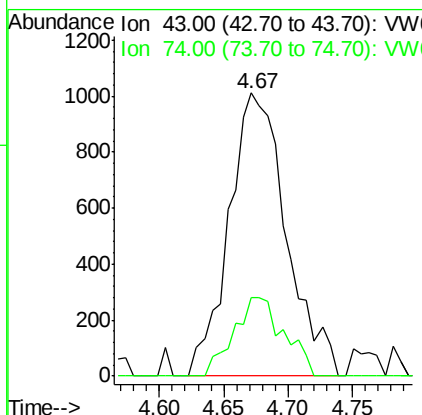
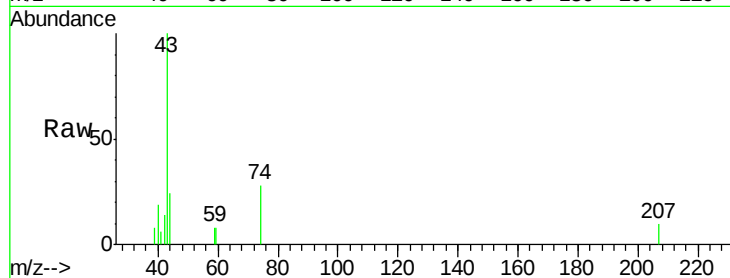




#18
Methyl Acetate
Concen: 3.18 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

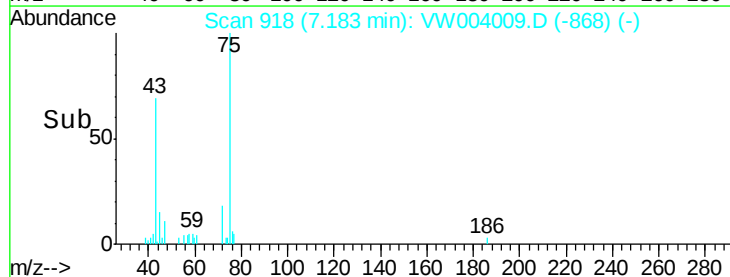
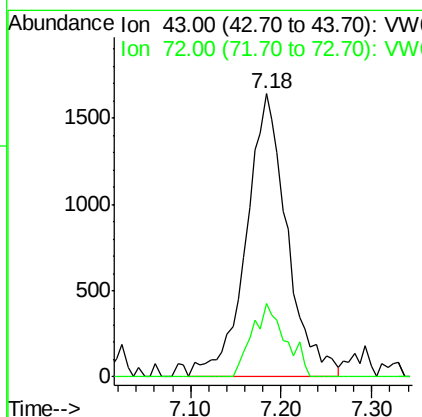
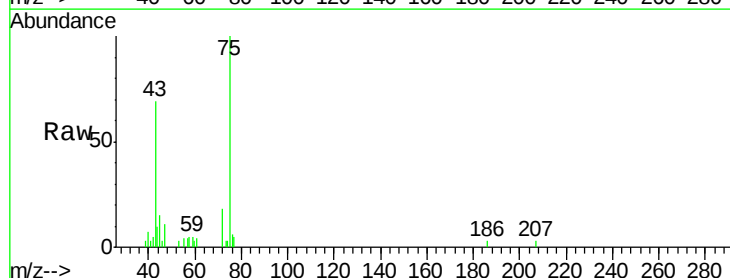
Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-BRE

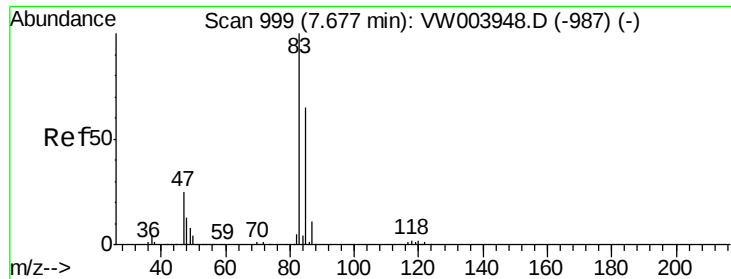
Tot Ion: 43 Resp: 3135
Ion Ratio Lower Upper
43 100
74 24.3 17.7 26.5



#25
2-Butanone
Concen: 9.31 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

Tgt Ion: 43 Resp: 5142
Ion Ratio Lower Upper
43 100
72 25.8 19.8 29.6

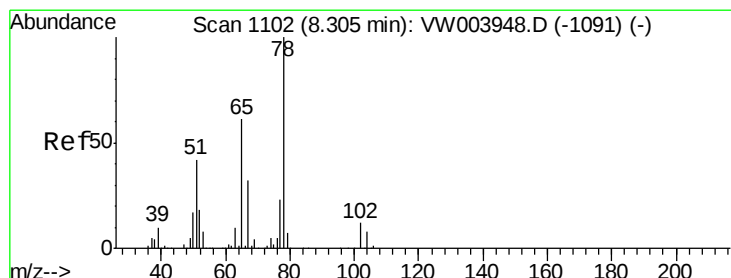
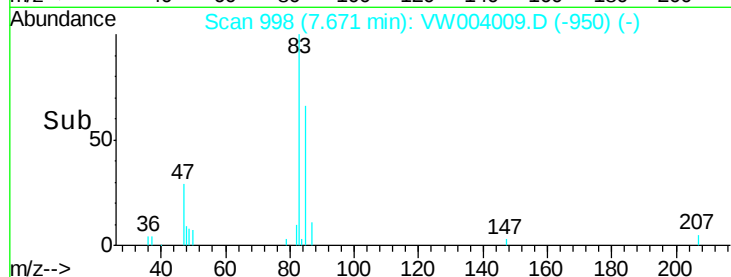
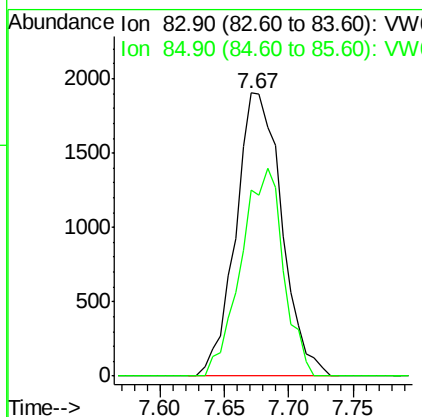
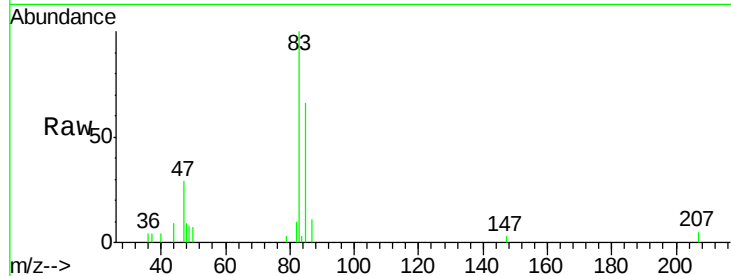




#30
Chloroform
Concen: 1.56 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

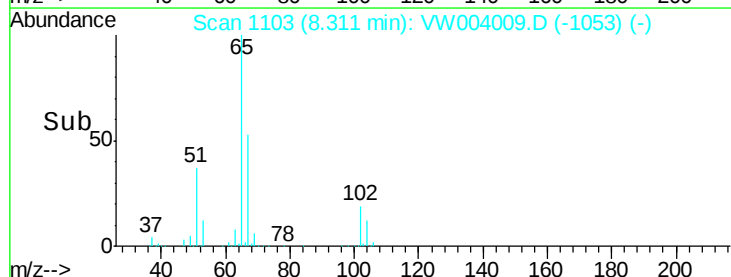
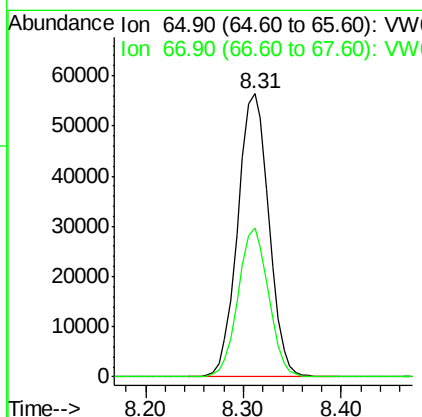
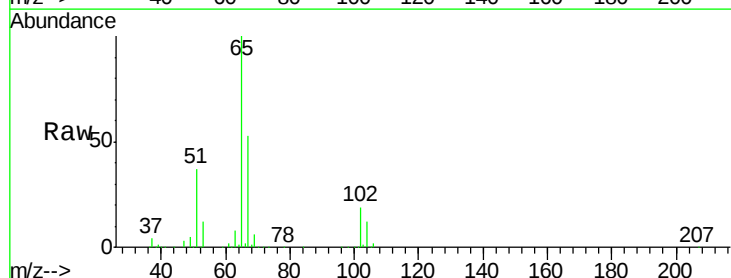
Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-BRE

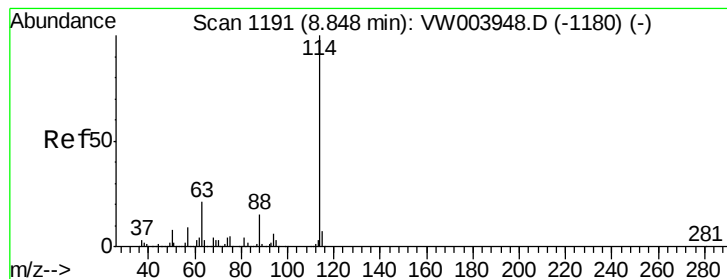
Tot Ion: 83 Resp: 4699
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 72.96 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

Tgt Ion: 65 Resp: 124574
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004009.D

Acq: 18 Jul 2018 03:53

Instrument :

MSVOA_W

ClientSampleId :

HR-05-071218-BRE

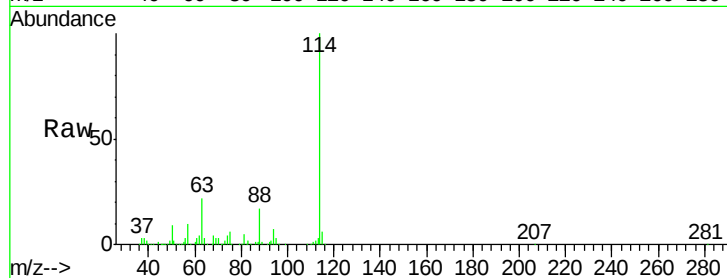
Tot Ion:114 Resp: 270772

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

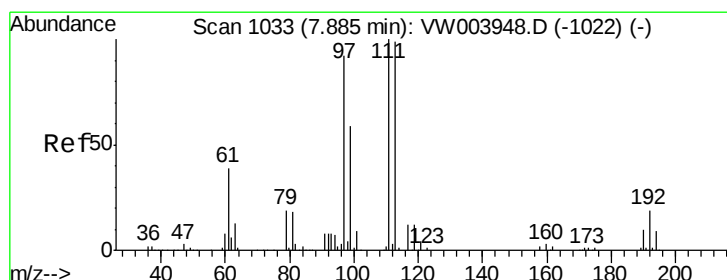
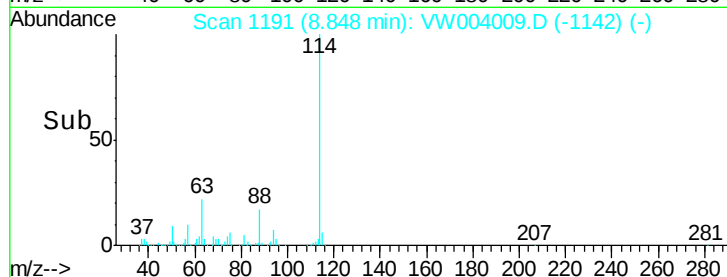
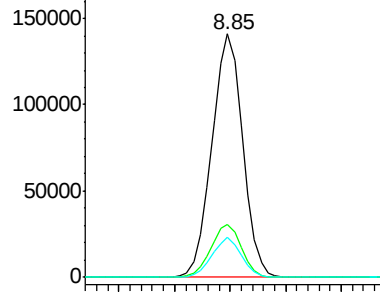
88 16.5 0.0 30.4



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: 35.29 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004009.D

Acq: 18 Jul 2018 03:53

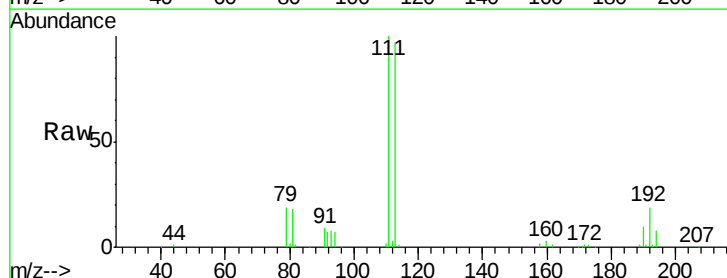
Tgt Ion:113 Resp: 61305

Ion Ratio Lower Upper

113 100

111 100.4 81.3 121.9

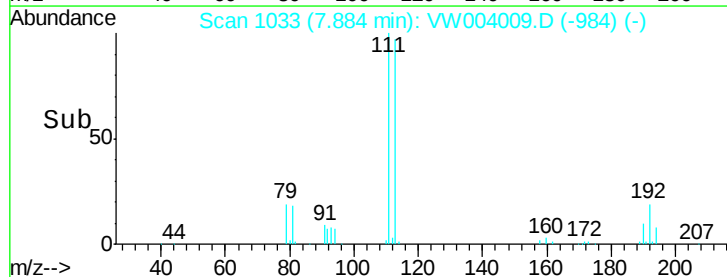
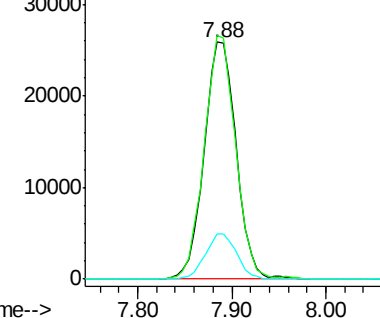
192 18.7 15.8 23.6

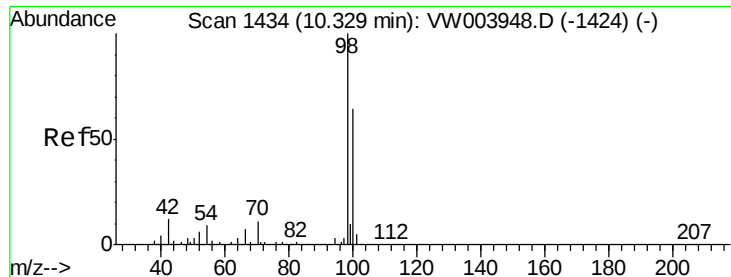


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 25.89 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004009.D

Acq: 18 Jul 2018 03:53

Instrument :

MSVOA_W

ClientSampleId :

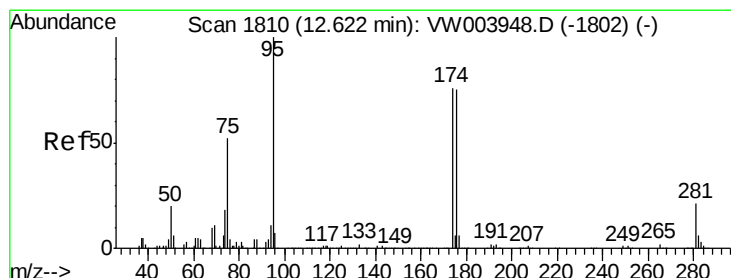
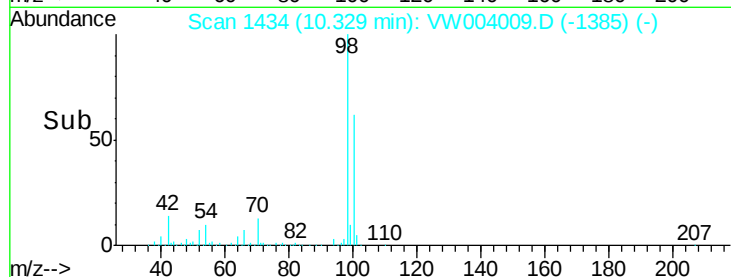
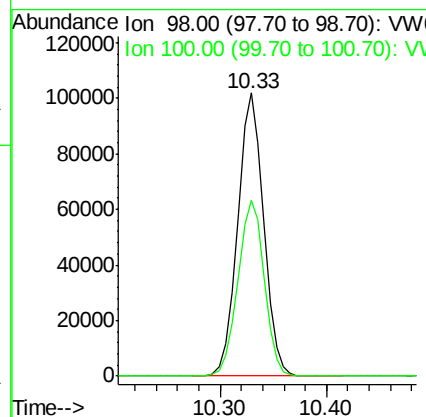
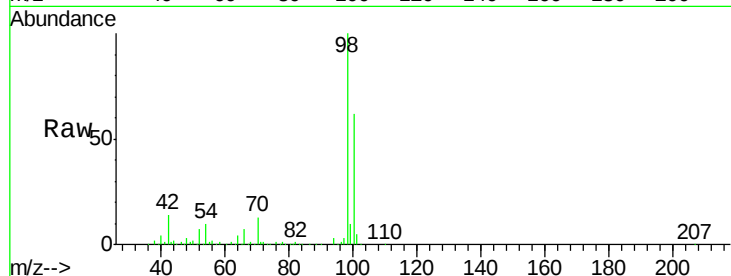
HR-05-071218-BRE

Tot Ion: 98 Resp: 174504

Ion Ratio Lower Upper

98 100

100 62.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 27.14 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004009.D

Acq: 18 Jul 2018 03:53

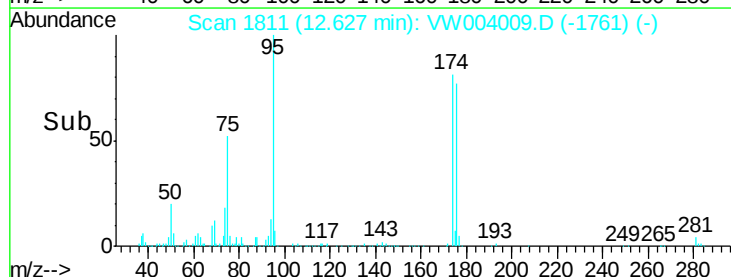
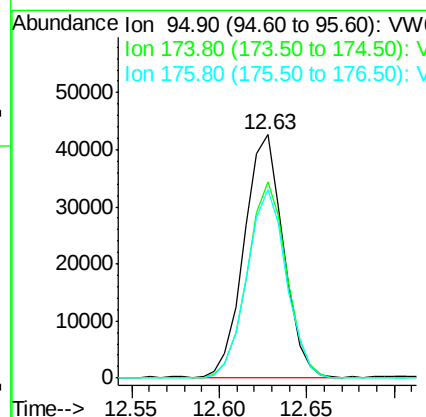
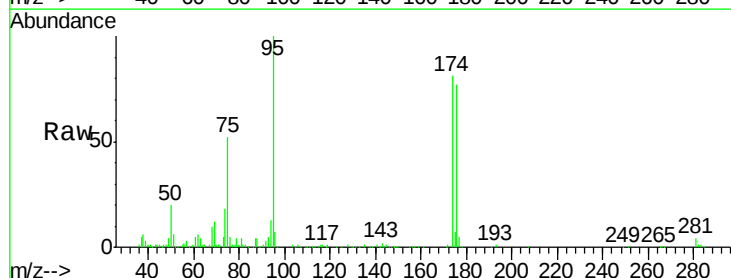
Tgt Ion: 95 Resp: 65966

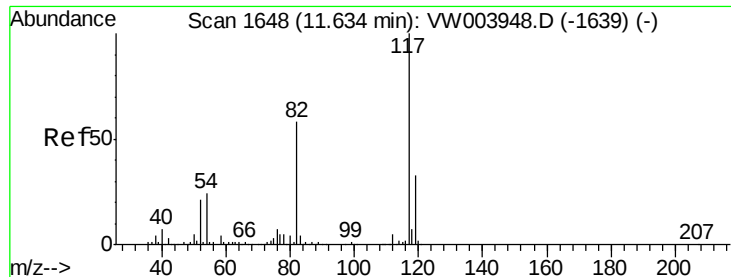
Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.2

176 78.5 0.0 155.8

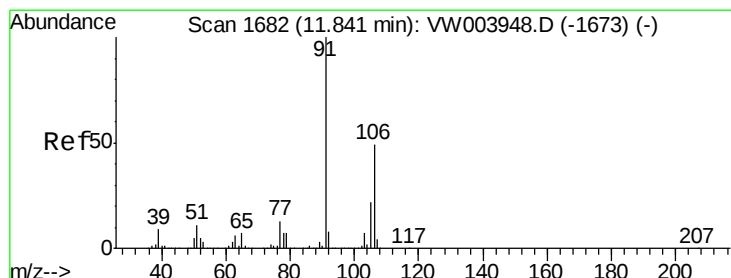
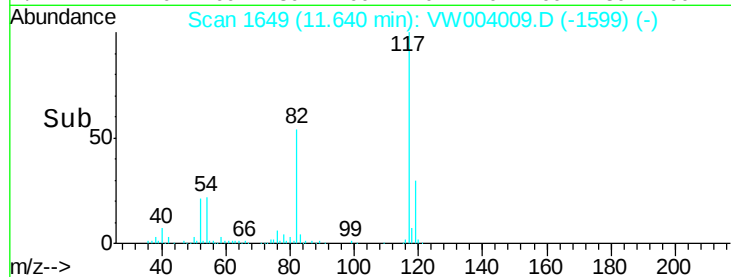
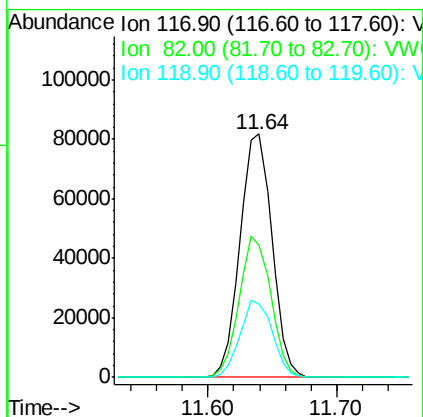
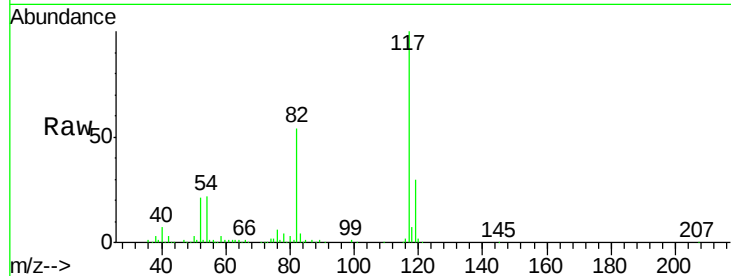




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

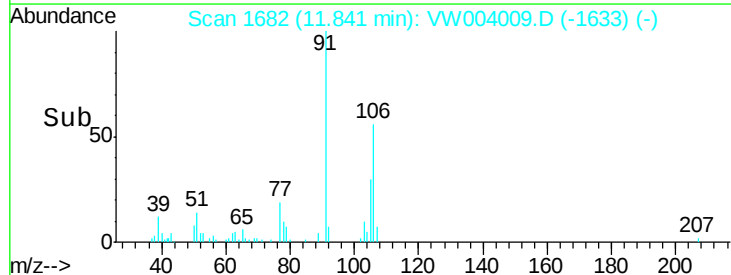
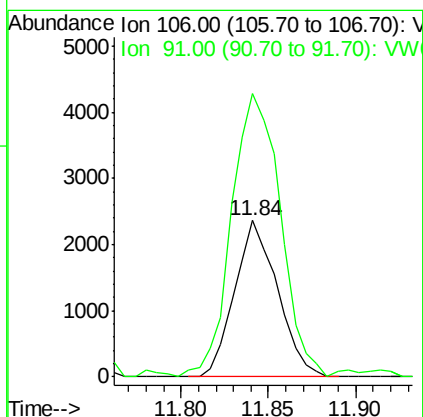
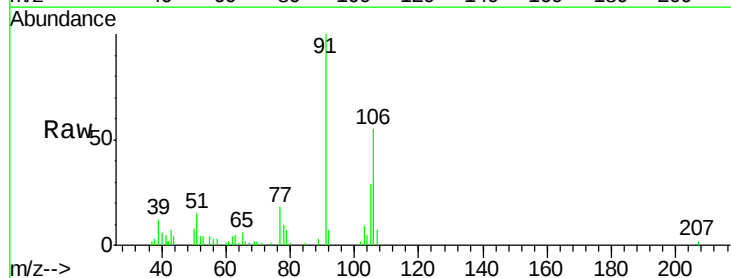
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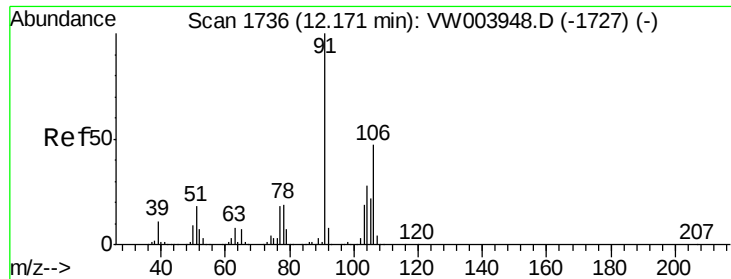
Tot Ion:117 Resp: 141209
Ion Ratio Lower Upper
117 100
82 54.3 46.5 69.7
119 30.3 26.2 39.2



#68
m/p-Xylenes
Concen: 2.00 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

Tgt Ion:106 Resp: 4037
Ion Ratio Lower Upper
106 100
91 206.7 164.2 246.2

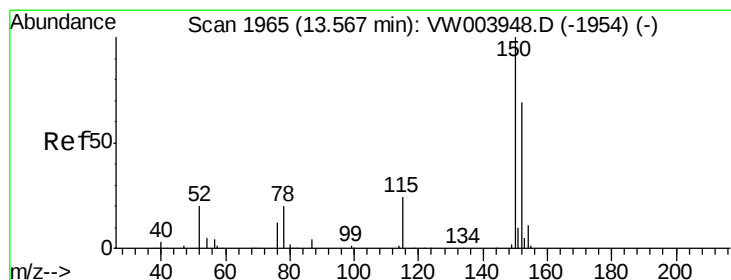
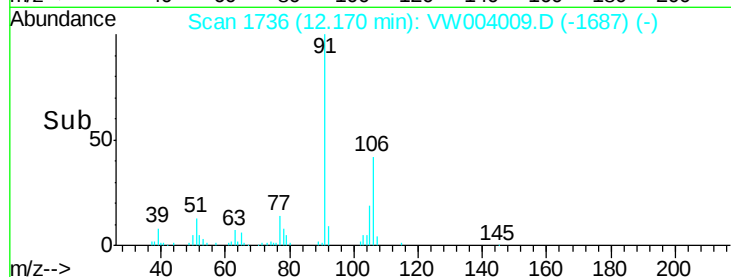
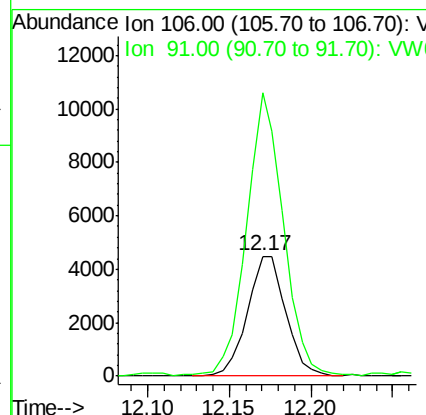
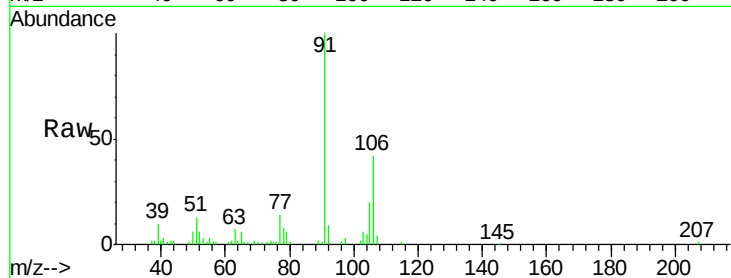




#69
o-Xylene
Concen: 3.92 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

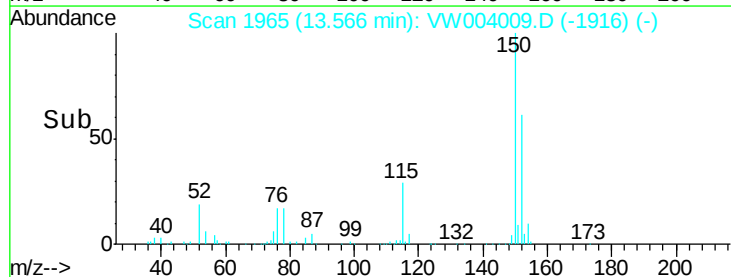
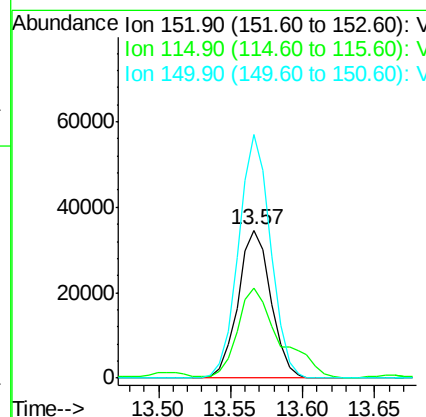
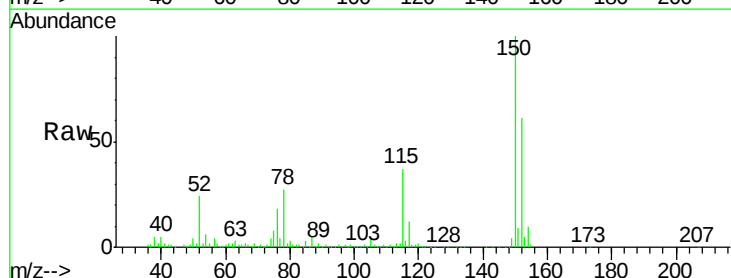
Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-BRE

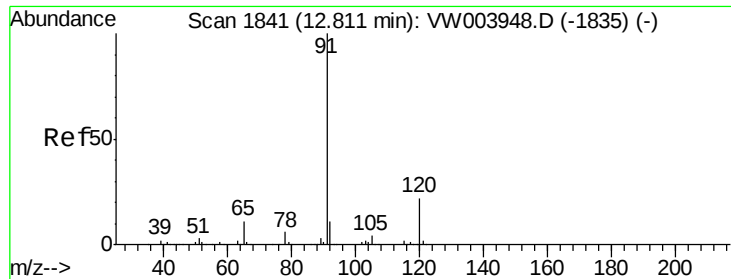
Tot Ion:106 Resp: 7327
Ion Ratio Lower Upper
106 100
91 228.4 107.5 322.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

Tgt Ion:152 Resp: 54736
Ion Ratio Lower Upper
152 100
115 77.2 29.2 87.6
150 161.2 0.0 345.2

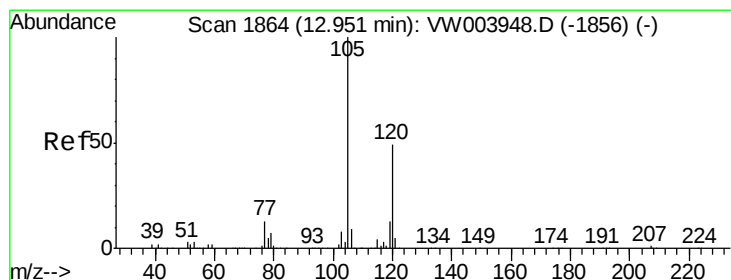
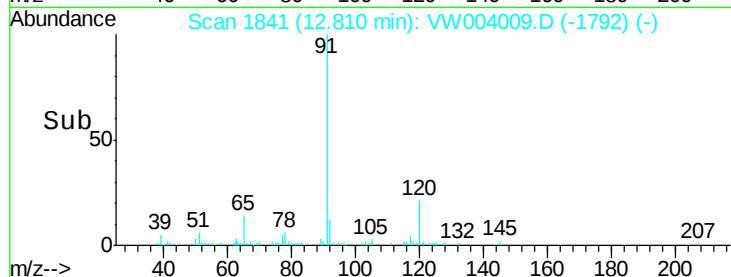
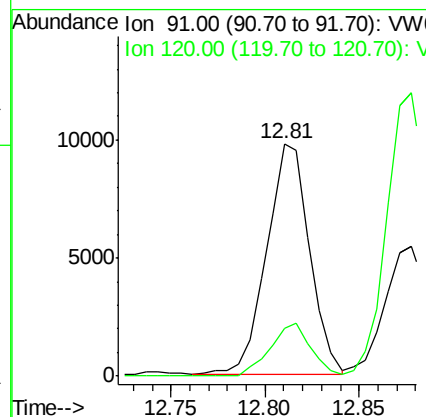
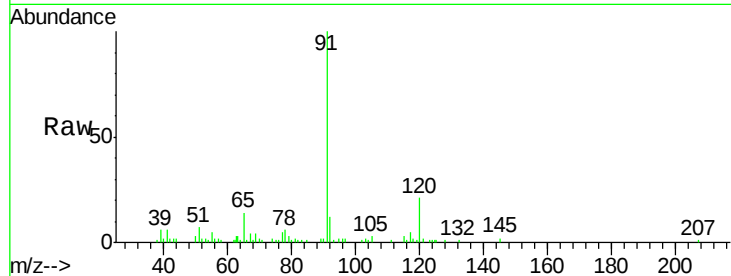




#78
n-propylbenzene
Concen: 3.22 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

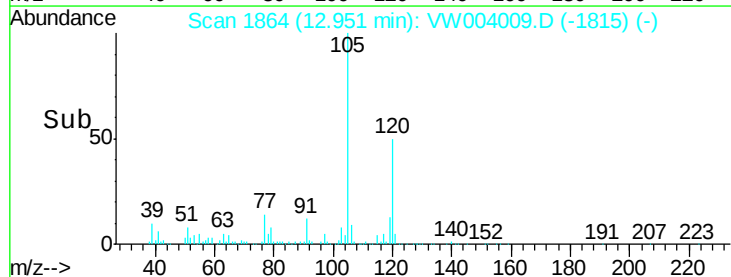
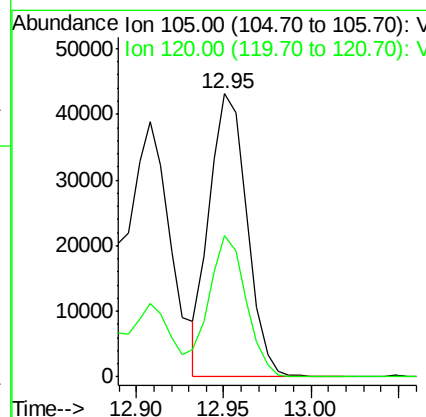
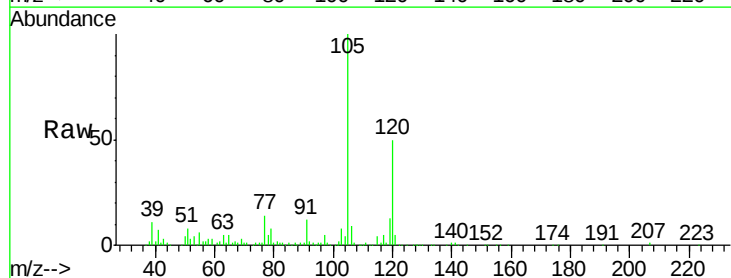
Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-BRE

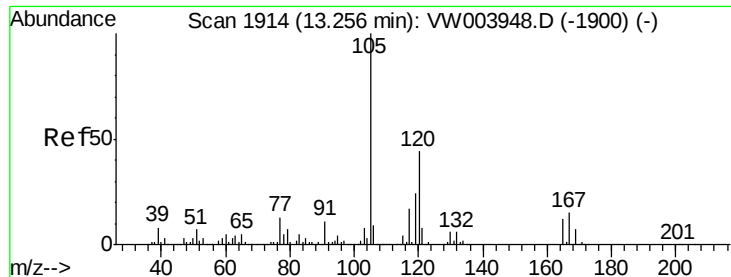
Tot Ion: 91 Resp: 15274
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 19.64 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW004009.D
Acq: 18 Jul 2018 03:53

Tgt Ion: 105 Resp: 63935
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.2





#84

1,2,4-Trimethylbenzene

Concen: 65.63 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. 0.01 min

Lab File: VW004009.D

Acq: 18 Jul 2018 03:53

Instrument :

MSVOA_W

ClientSampleId :

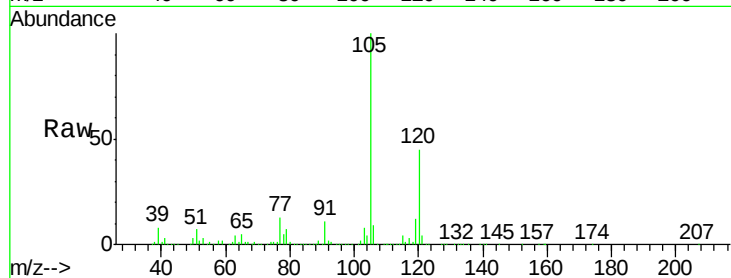
HR-05-071218-BRE

Tot Ion:105 Resp: 219778

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.26

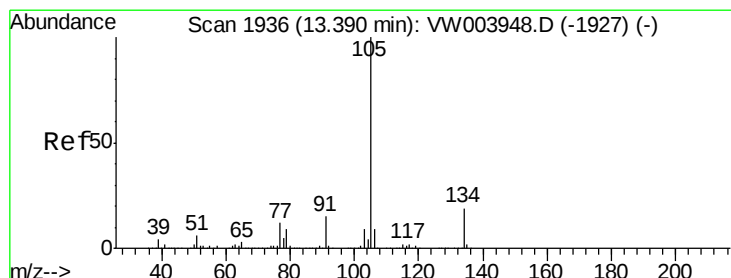
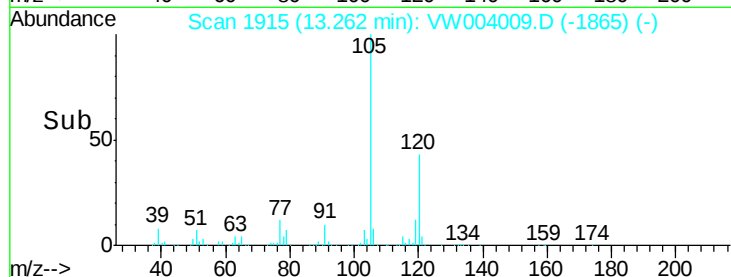
150000

100000

50000

0

Time-->



#85

sec-Butylbenzene

Concen: 3.74 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VW004009.D

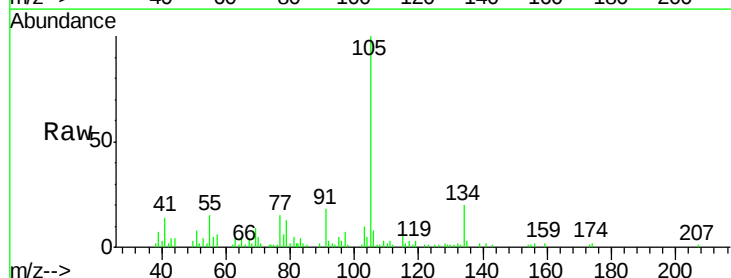
Acq: 18 Jul 2018 03:53

Tgt Ion:105 Resp: 15147

Ion Ratio Lower Upper

105 100

134 27.0 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

10000

8000

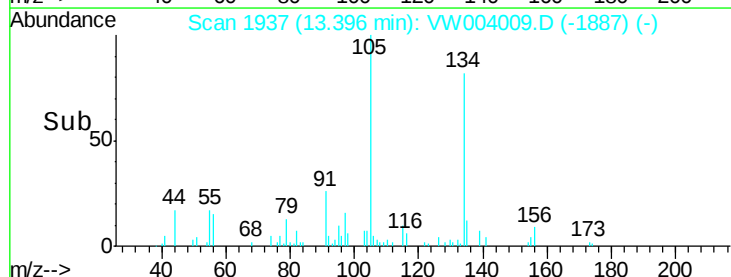
6000

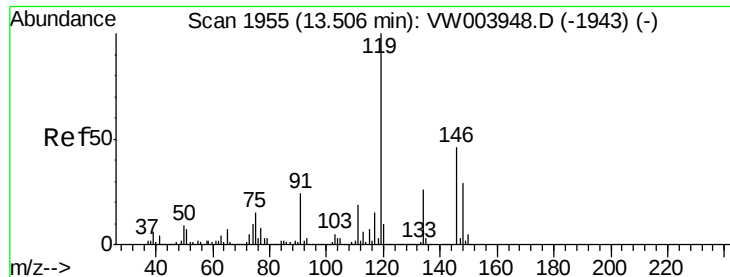
4000

2000

0

Time-->

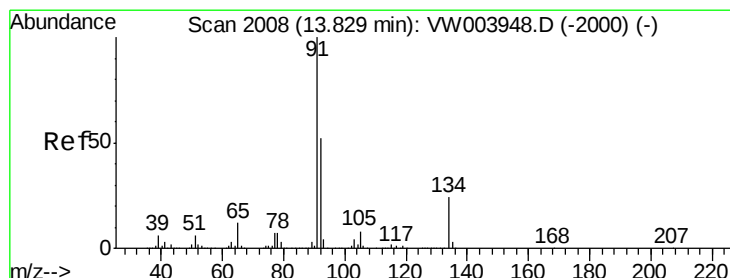
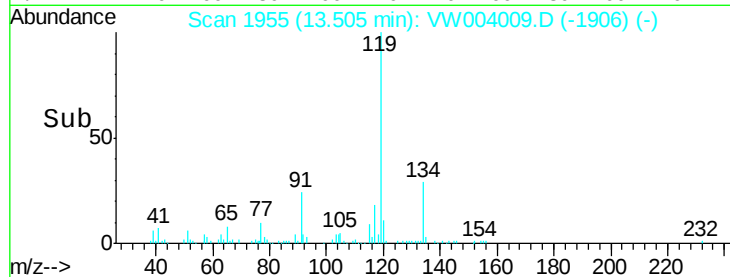
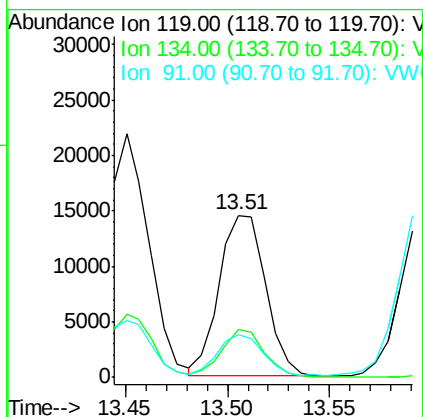
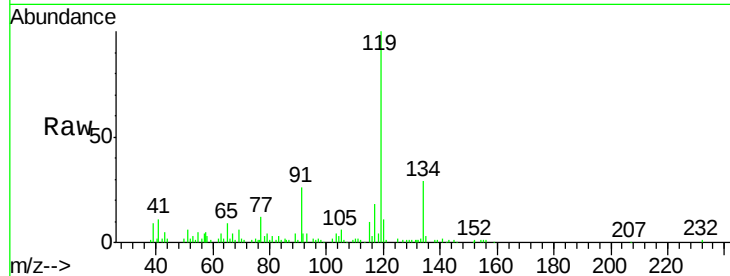




#86
 p-Isopropyltoluene
 Concen: 6.43 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004009.D
 Acq: 18 Jul 2018 03:53

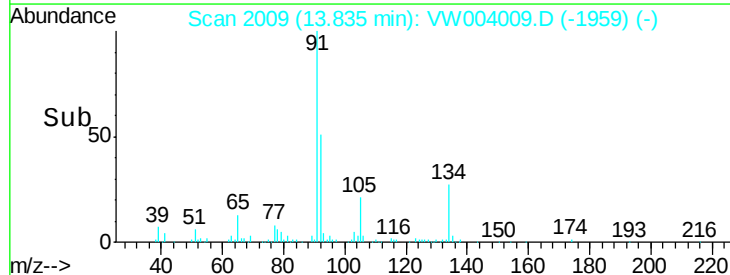
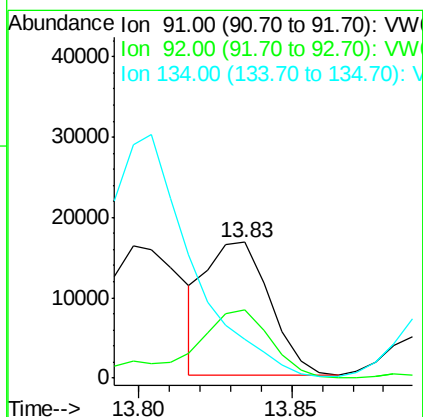
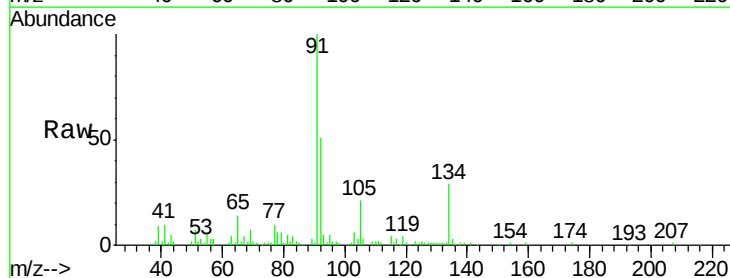
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-BRE

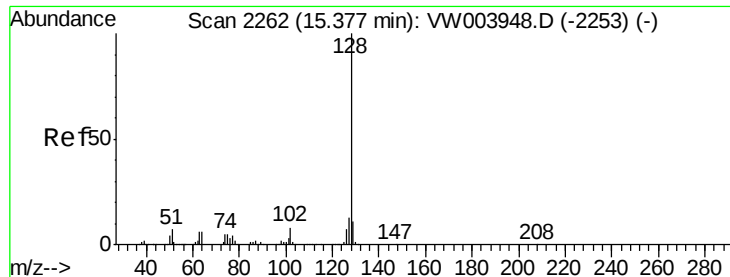
Tot Ion: 119 Resp: 22870
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 38.9
 91 24.4 11.8 35.3



#89
 n-Butylbenzene
 Concen: 6.74 ug/l
 RT: 13.83 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: VW004009.D
 Acq: 18 Jul 2018 03:53

Tgt Ion: 91 Resp: 23573
 Ion Ratio Lower Upper
 91 100
 92 64.7 26.1 78.3
 134 0.0 12.4 37.4#





#95

Naphthalene

Concen: 7.86 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004009.D

Acq: 18 Jul 2018 03:53

Instrument :

MSVOA_W

ClientSampleId :

HR-05-071218-BRE

Tot Ion:128 Resp: 16774

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 8.7 8.7 13.1#

