

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004016.D
 Acq On : 18 Jul 2018 06:54
 Operator : VA/AP
 Sample : J3819-03RE
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-BRE

Quant Time: Jul 18 08:00:41 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

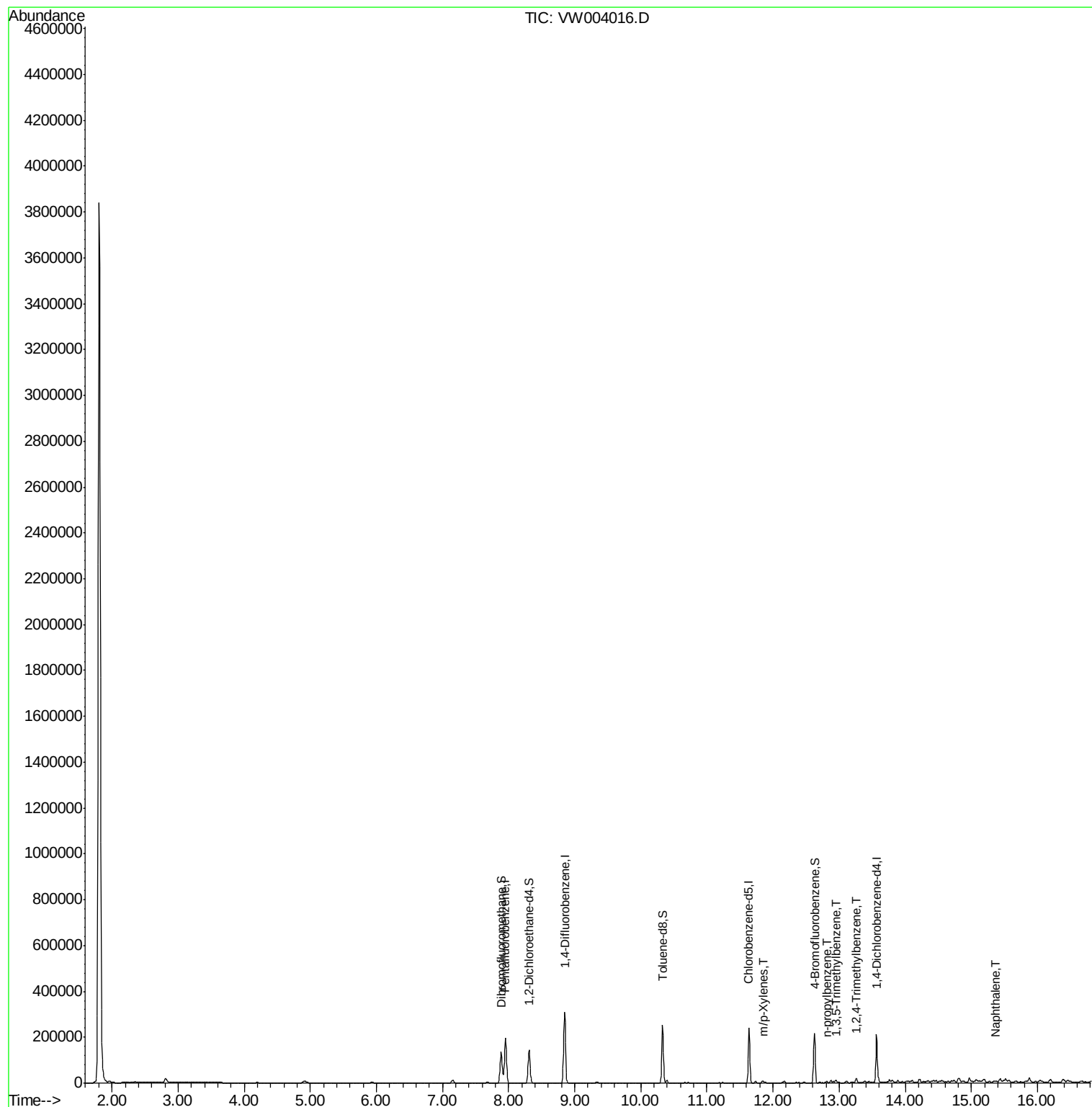
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	141807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	245327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	130025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110076	69.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.88%	
35) Dibromofluoromethane	7.88	113	95420	60.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.24%	
50) Toluene-d8	10.33	98	162926	26.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.36%	
62) 4-Bromofluorobenzene	12.62	95	67458	30.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.26%	
Target Compounds						
68) m/p-Xylenes	11.84	106	2600	1.40	ug/l	98
78) n-propylbenzene	12.81	91	4785	1.04	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	3516	1.12	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	10222	3.16	ug/l	97
95) Naphthalene	15.38	128	2926	1.42	ug/l #	89

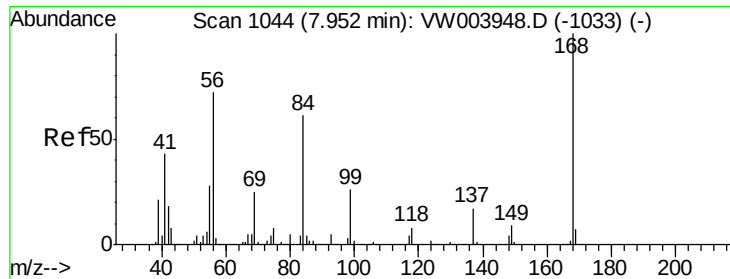
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 16 15:06:12 2018
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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: VW004016.D

Acq: 18 Jul 2018 06:54

Instrument :

MSVOA_W

ClientSampleId :

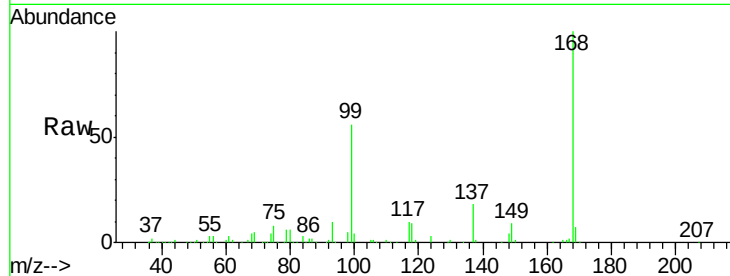
AU-05-071318-BRE

Tot Ion:168 Resp: 141807

Ion Ratio Lower Upper

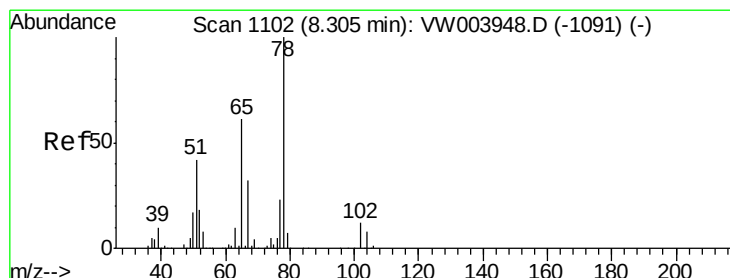
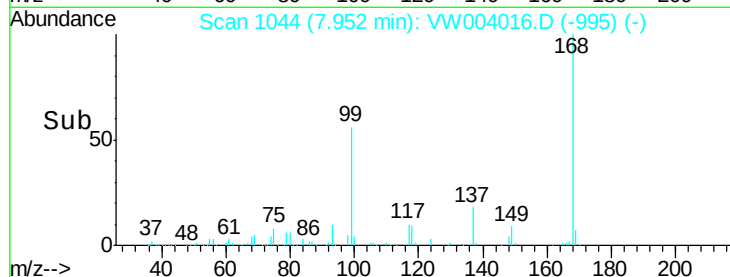
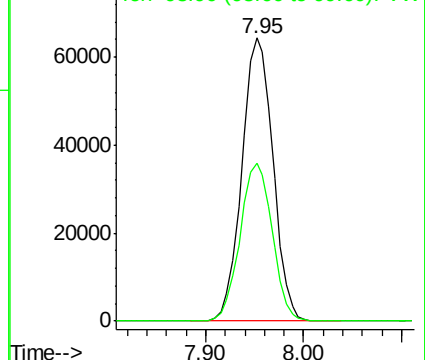
168 100

99 56.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 69.44 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004016.D

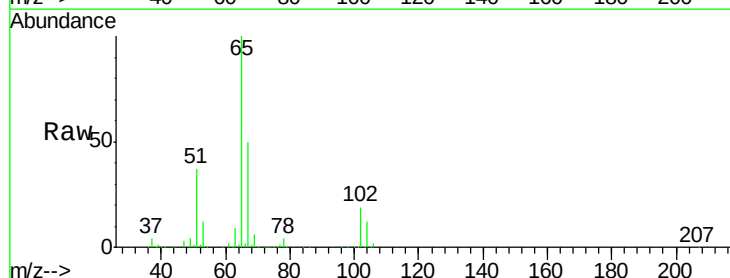
Acq: 18 Jul 2018 06:54

Tgt Ion: 65 Resp: 110076

Ion Ratio Lower Upper

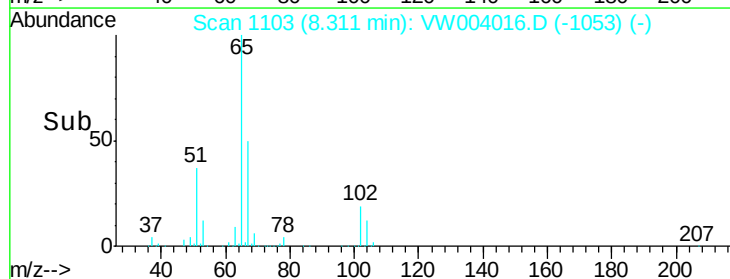
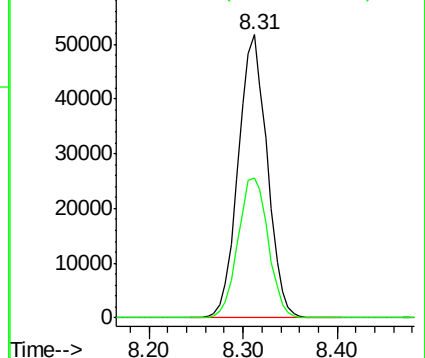
65 100

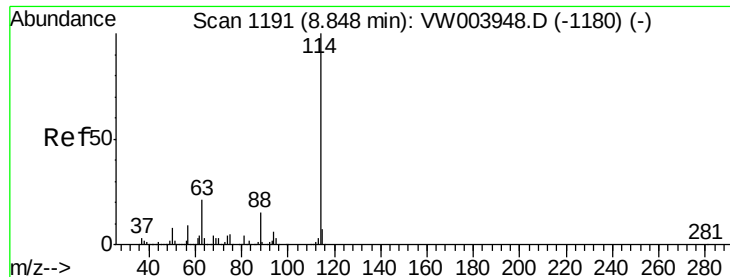
67 51.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

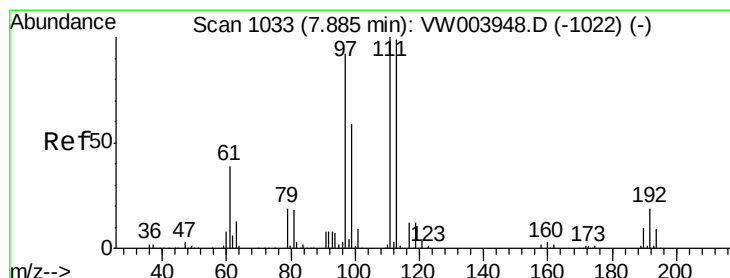
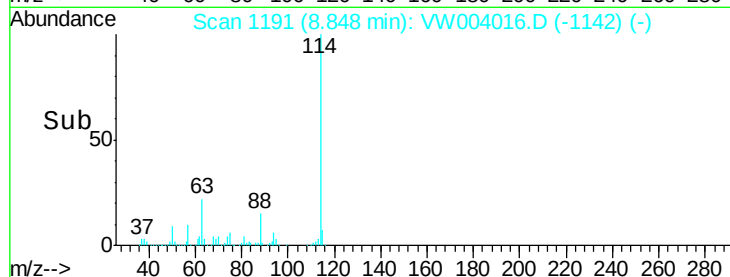
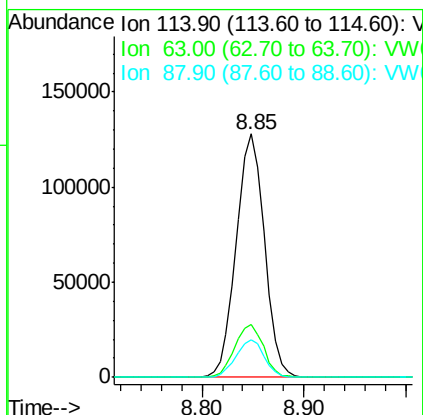
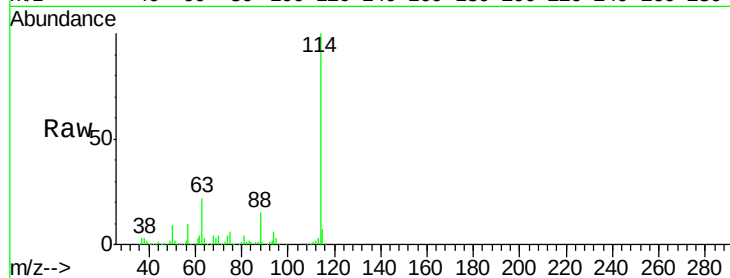




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW004016.D
Acq: 18 Jul 2018 06:54

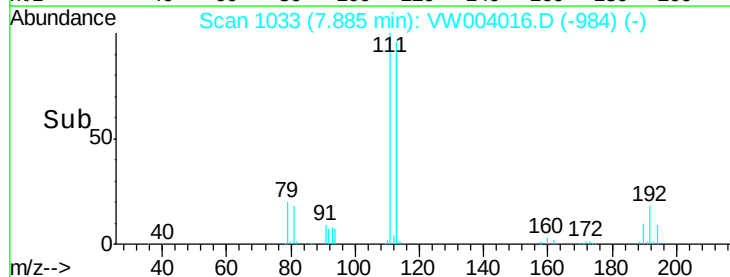
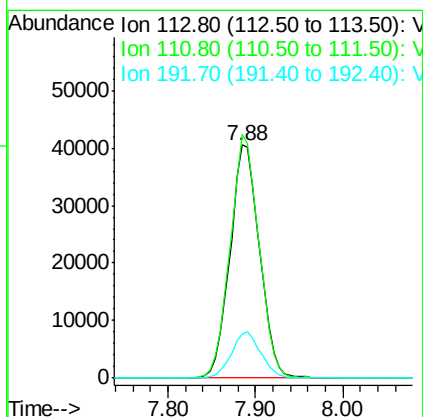
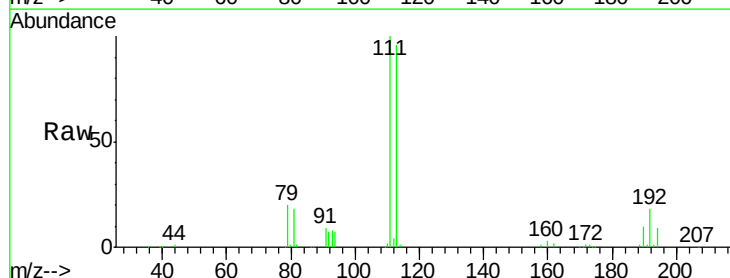
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-BRE

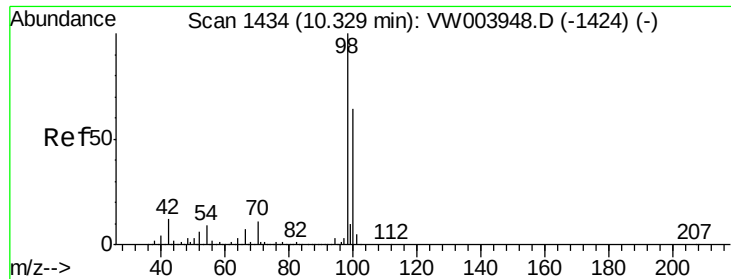
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.8
88	15.2	0.0	30.4



#35
Dibromofluoromethane
Concen: 60.62 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004016.D
Acq: 18 Jul 2018 06:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	19.5	15.8	23.6





#50

Toluene-d8

Concen: 26.68 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004016.D

Acq: 18 Jul 2018 06:54

Instrument :

MSVOA_W

ClientSampleId :

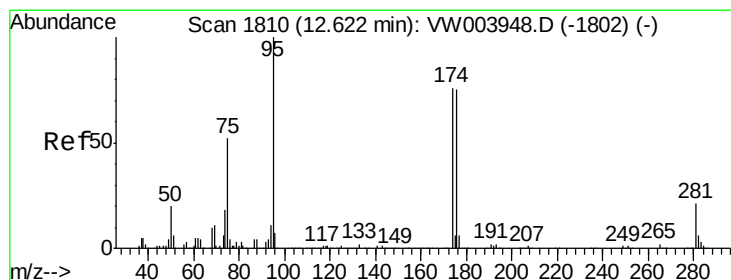
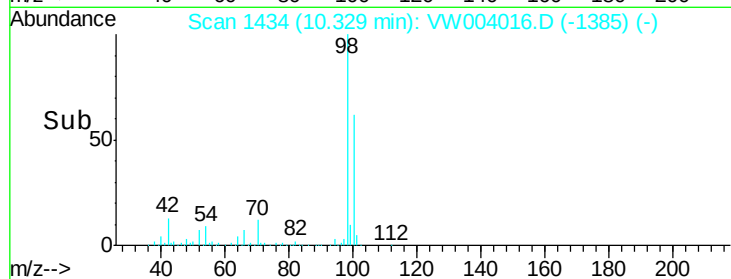
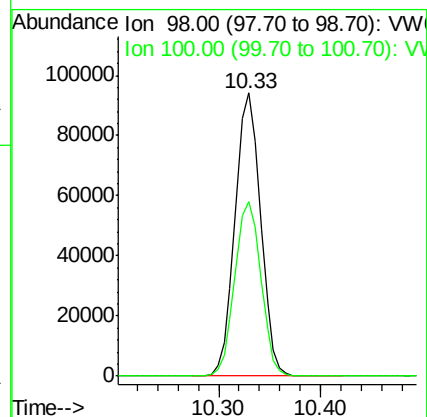
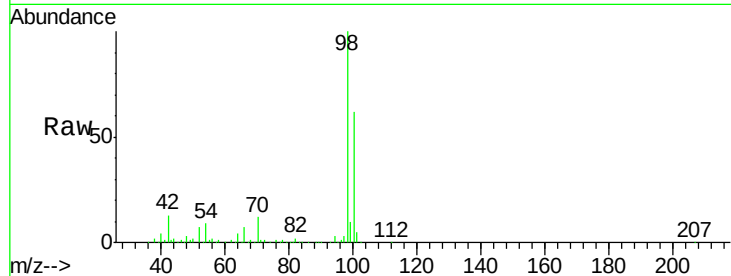
AU-05-071318-BRE

Tot Ion: 98 Resp: 162926

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 30.63 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004016.D

Acq: 18 Jul 2018 06:54

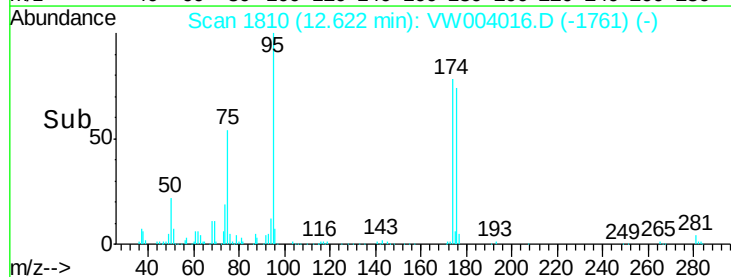
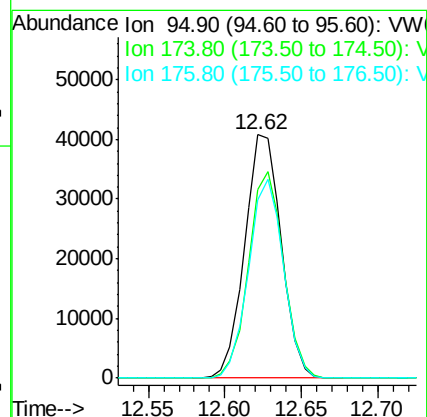
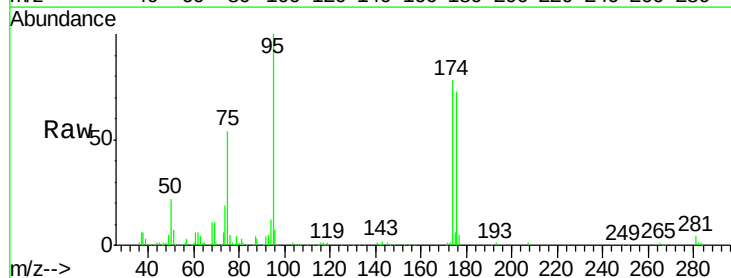
Tgt Ion: 95 Resp: 67458

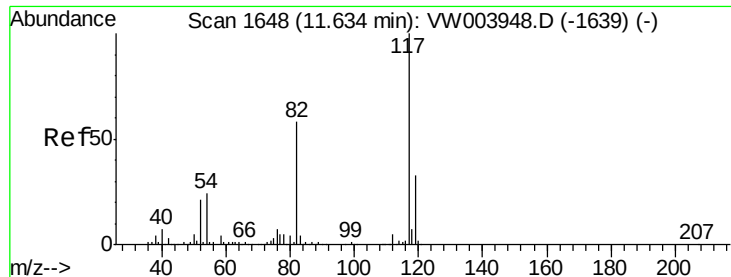
Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.2

176 78.7 0.0 155.8

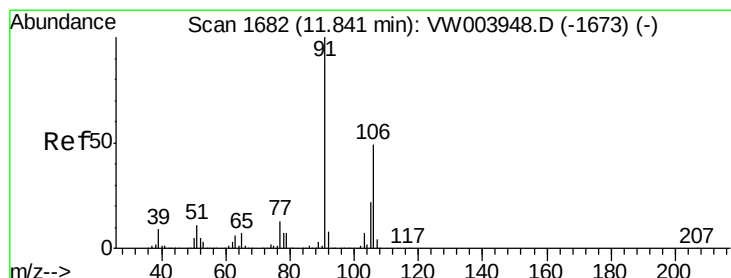
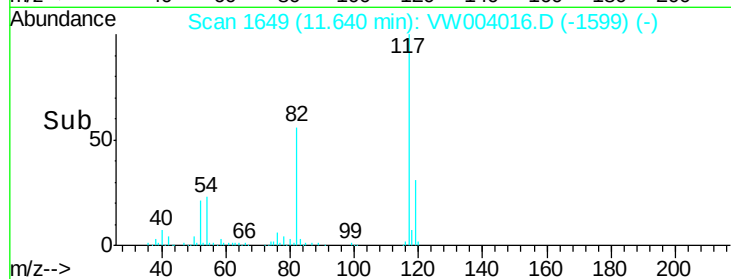
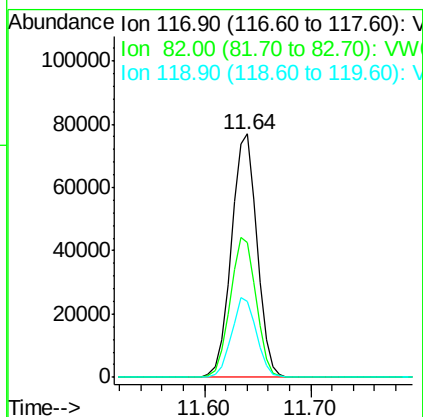
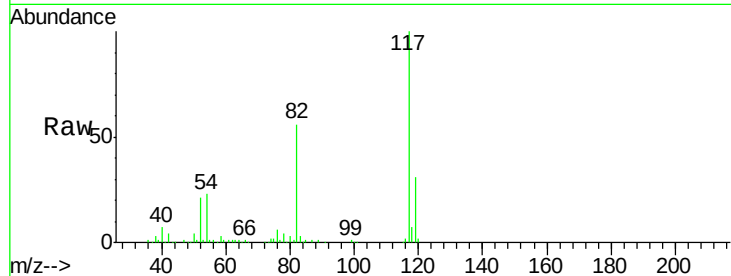




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004016.D
Acq: 18 Jul 2018 06:54

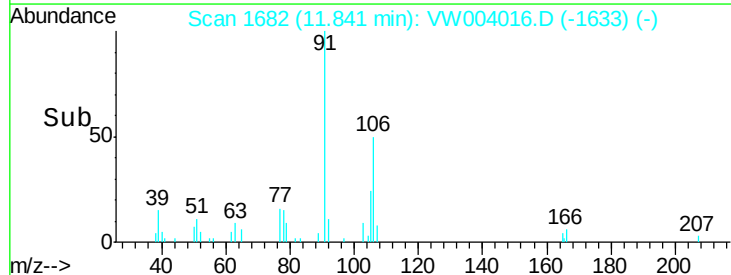
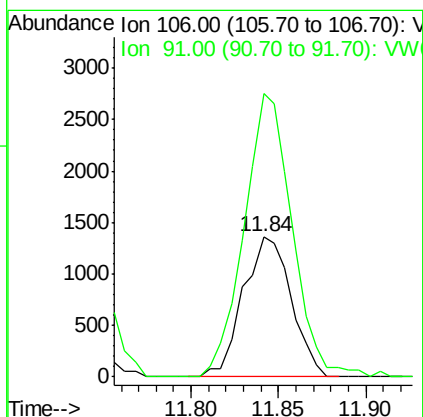
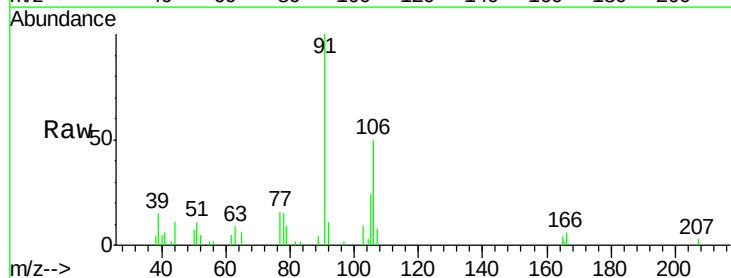
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-BRE

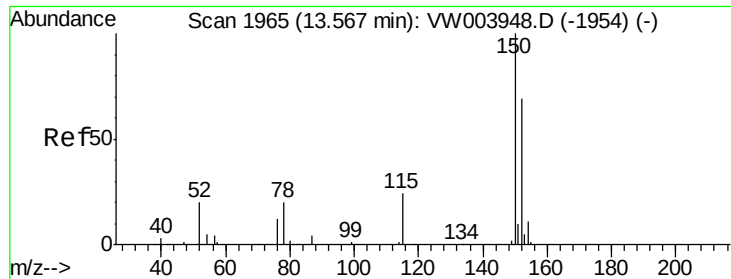
Tot Ion:117 Resp: 130025
Ion Ratio Lower Upper
117 100
82 55.6 46.5 69.7
119 31.3 26.2 39.2



#68
m/p-Xylenes
Concen: 1.40 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004016.D
Acq: 18 Jul 2018 06:54

Tgt Ion:106 Resp: 2600
Ion Ratio Lower Upper
106 100
91 202.5 164.2 246.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004016.D

Acq: 18 Jul 2018 06:54

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-BRE

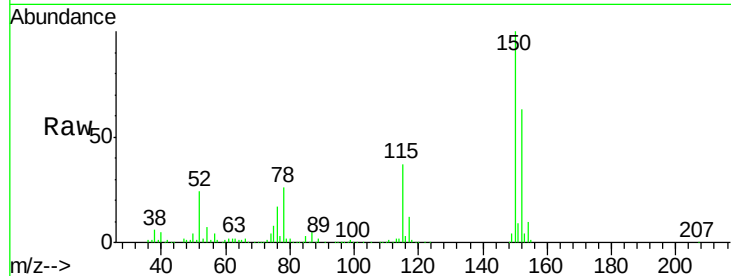
Tot Ion:152 Resp: 52914

Ion Ratio Lower Upper

152 100

115 59.8 29.2 87.6

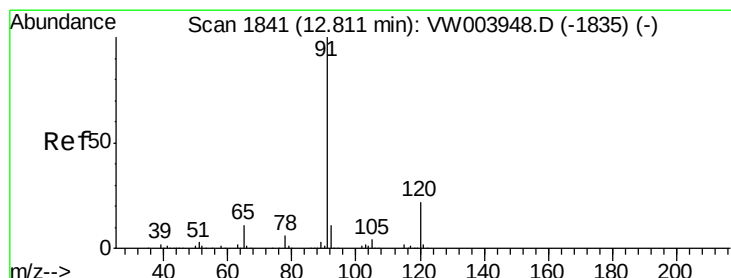
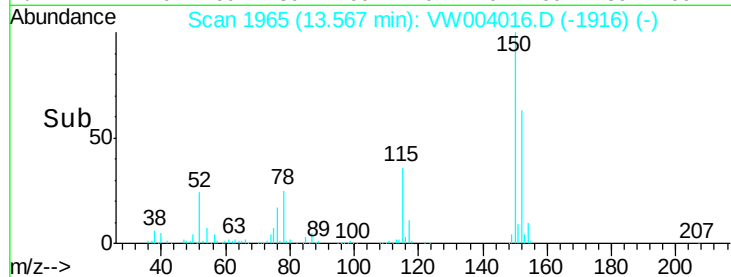
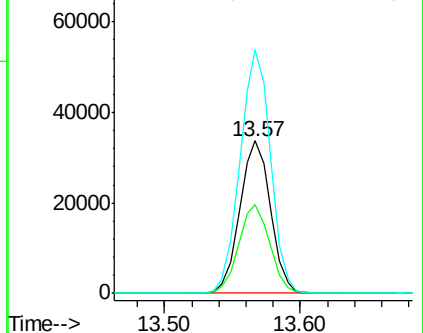
150 158.6 0.0 345.2



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



#78

n-propylbenzene

Concen: 1.04 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004016.D

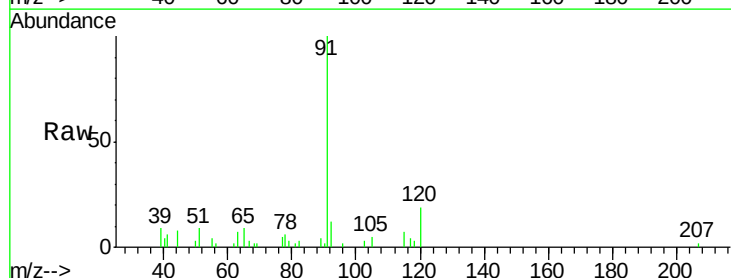
Acq: 18 Jul 2018 06:54

Tgt Ion: 91 Resp: 4785

Ion Ratio Lower Upper

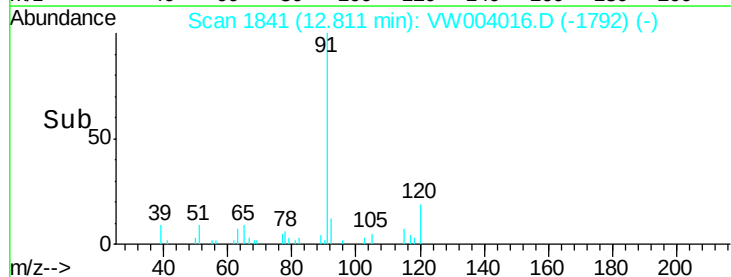
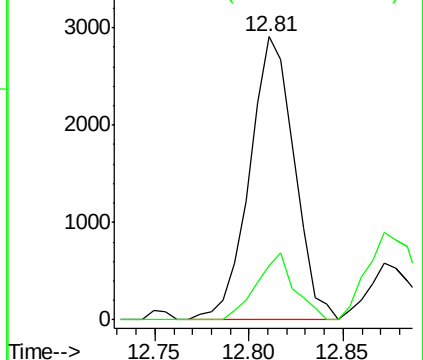
91 100

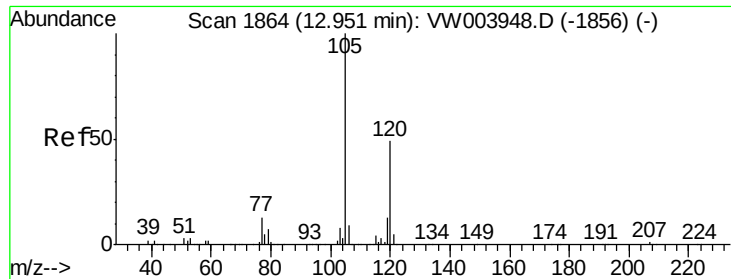
120 20.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.12 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004016.D

Acq: 18 Jul 2018 06:54

Instrument :

MSVOA_W

ClientSampleId :

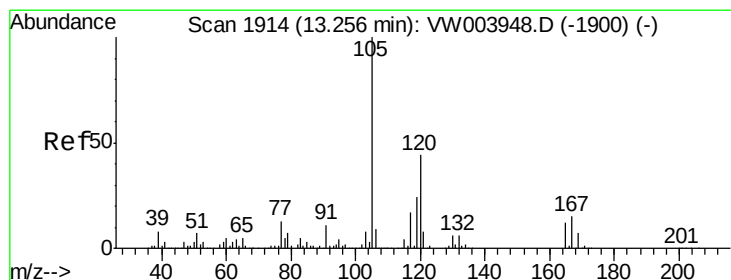
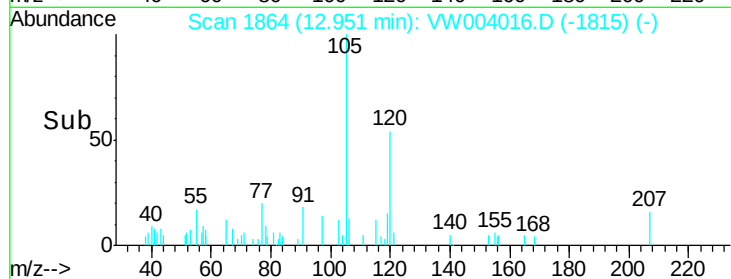
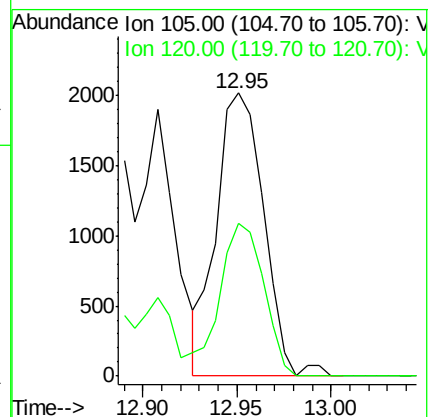
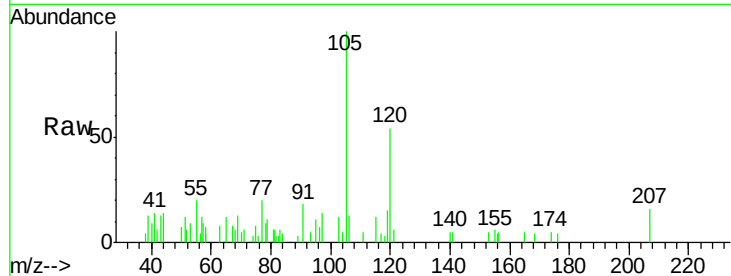
AU-05-071318-BRE

Tot Ion:105 Resp: 3516

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 3.16 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. 0.01 min

Lab File: VW004016.D

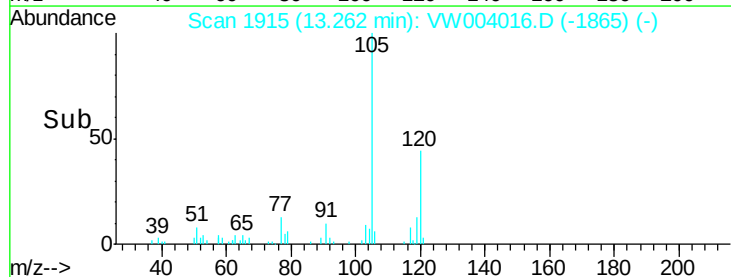
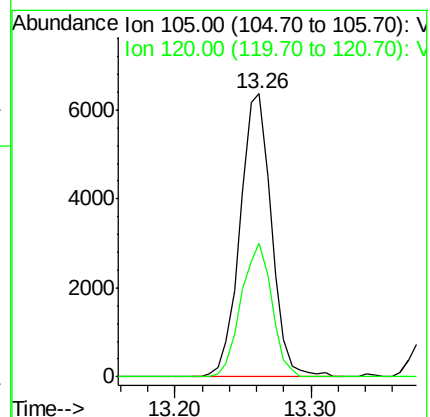
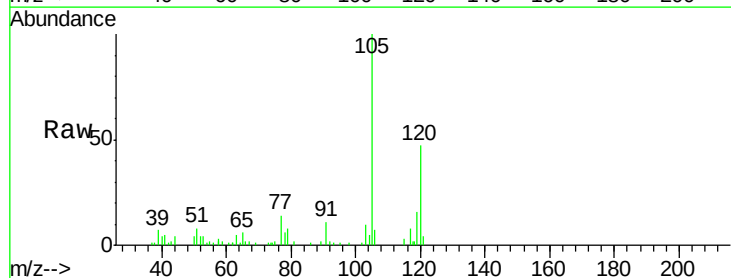
Acq: 18 Jul 2018 06:54

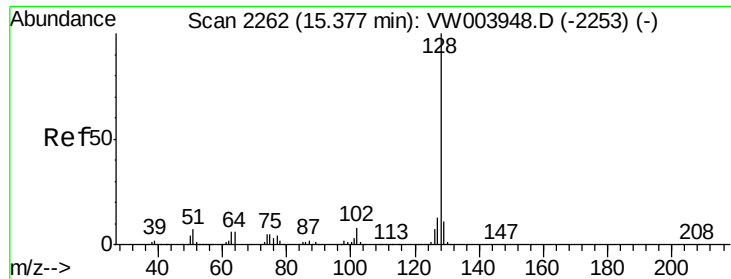
Tgt Ion:105 Resp: 10222

Ion Ratio Lower Upper

105 100

120 46.1 22.1 66.1





#95

Naphthalene

Concen: 1.42 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004016.D

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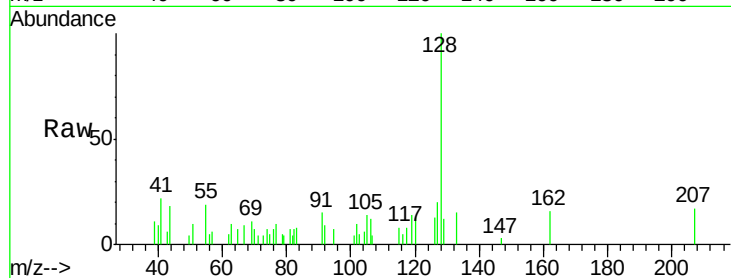
Tot Ion:128 Resp: 2926

Ion Ratio Lower Upper

128 100

127 18.4 10.7 16.1#

129 7.5 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

