

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004011.D
 Acq On : 18 Jul 2018 04:45
 Operator : VA/AP
 Sample : J3831-01RE
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-071218RE

Quant Time: Jul 18 07:47:53 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

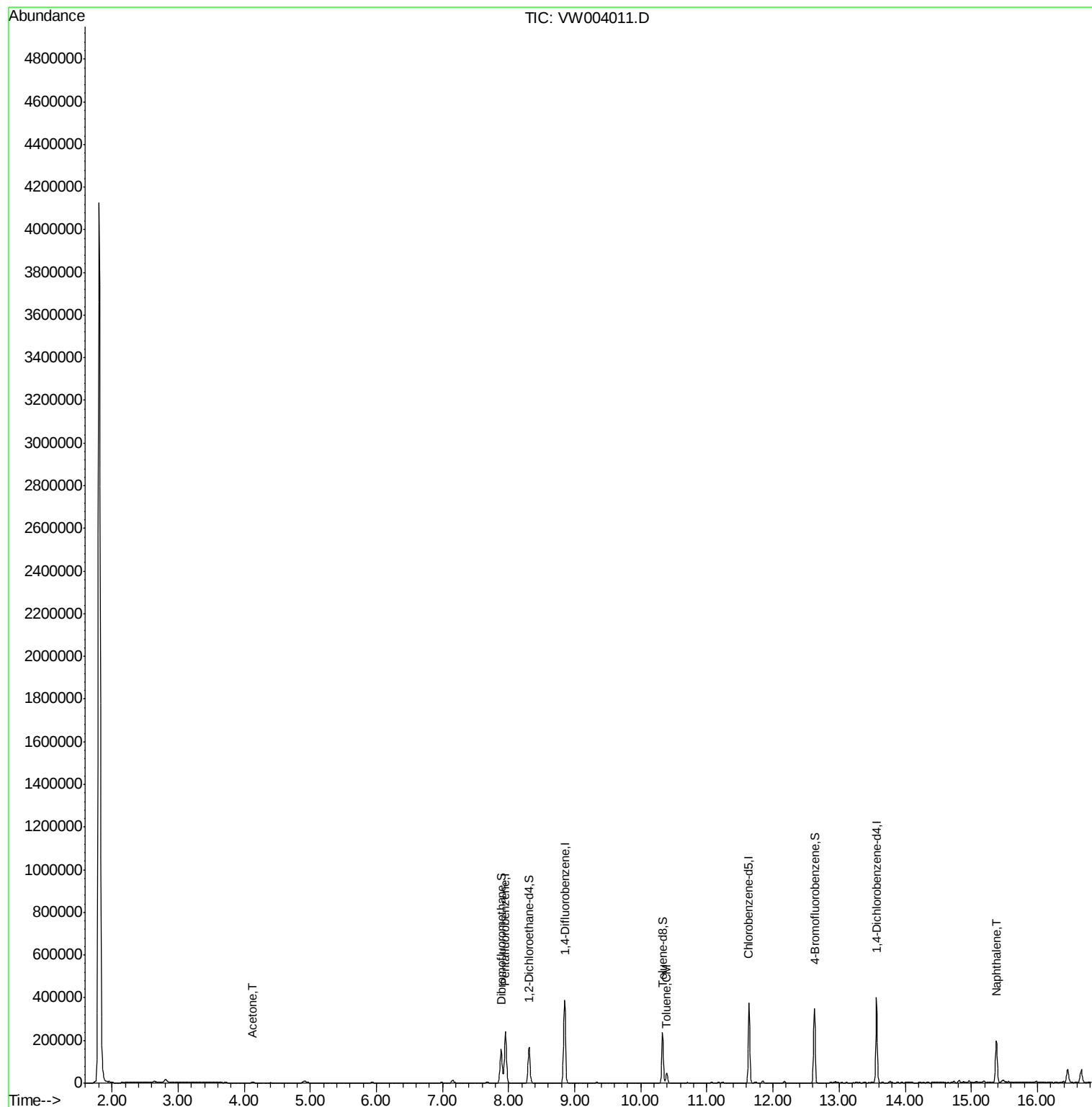
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	175200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	315908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	206598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	99971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132491	67.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.30%	
35) Dibromofluoromethane	7.88	113	113087	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
50) Toluene-d8	10.33	98	155095	19.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.44%	
62) 4-Bromofluorobenzene	12.63	95	110869	39.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.18%	
Target Compounds						
16) Acetone	4.12	43	6434	13.67	ug/l	99
52) Toluene	10.39	92	18481	3.31	ug/l	99
95) Naphthalene	15.38	128	165068	42.33	ug/l	99

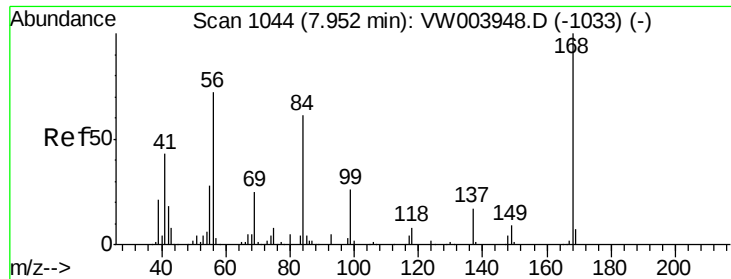
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004011.D

Acq: 18 Jul 2018 04:45

Instrument :

MSVOA_W

ClientSampleId :

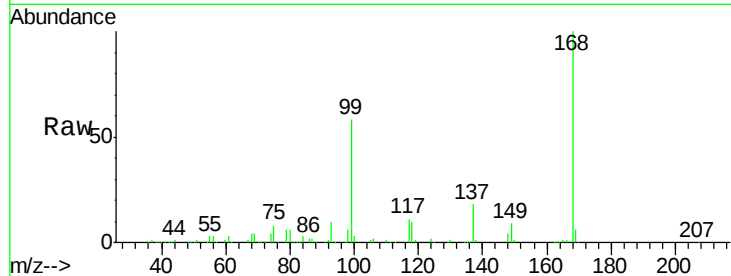
SU-04-071218RE

Tot Ion:168 Resp: 175200

Ion Ratio Lower Upper

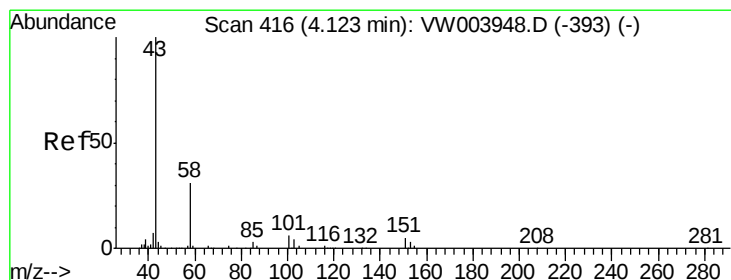
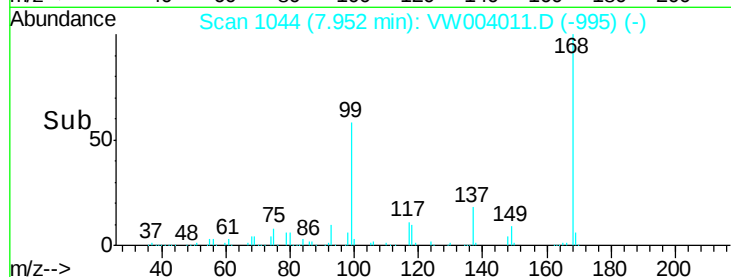
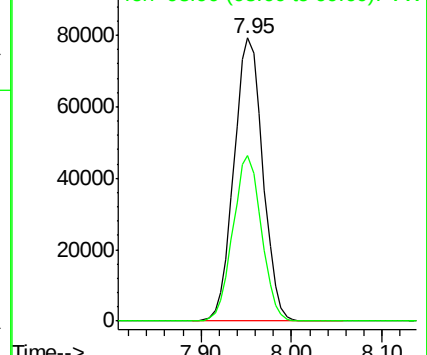
168 100

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



#16

Acetone

Concen: 13.67 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004011.D

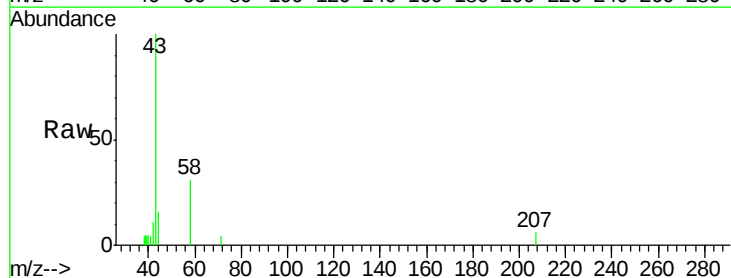
Acq: 18 Jul 2018 04:45

Tgt Ion: 43 Resp: 6434

Ion Ratio Lower Upper

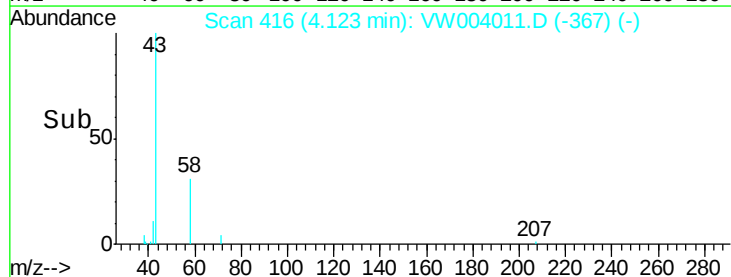
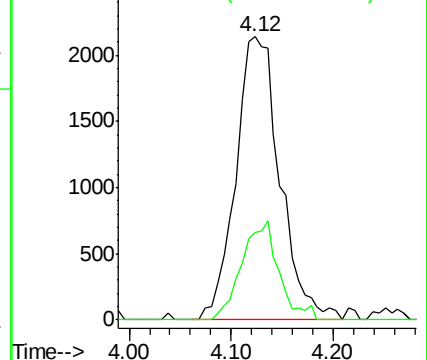
43 100

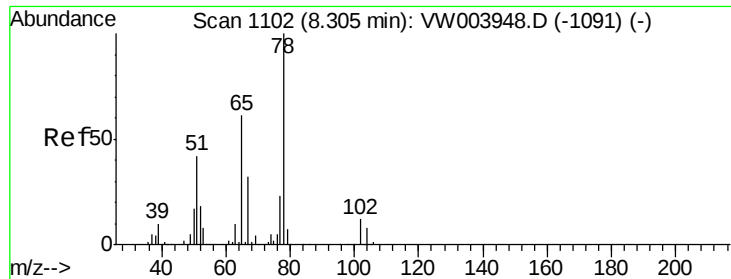
58 31.1 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

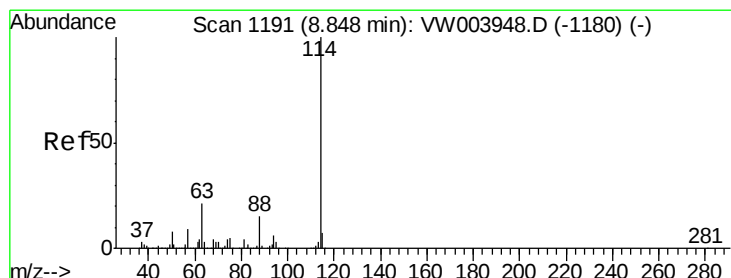
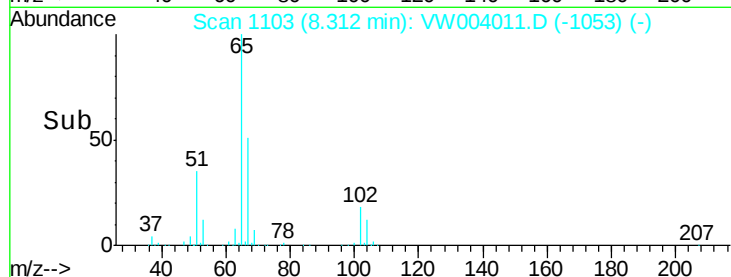
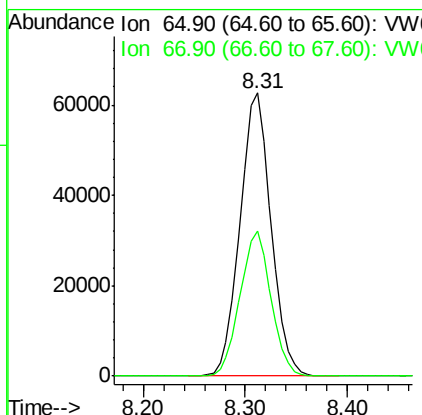
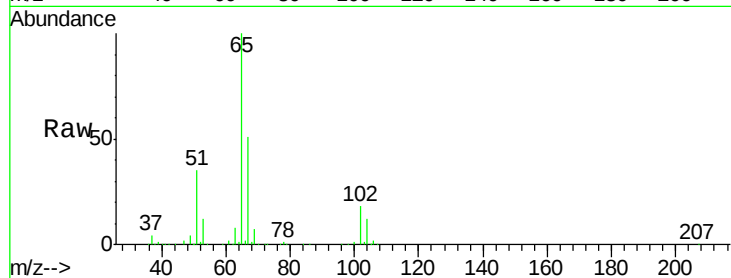




#33
 1,2-Dichloroethane-d4
 Concen: 67.65 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004011.D
 Acq: 18 Jul 2018 04:45

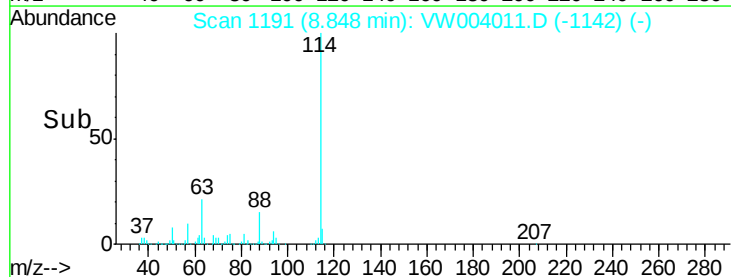
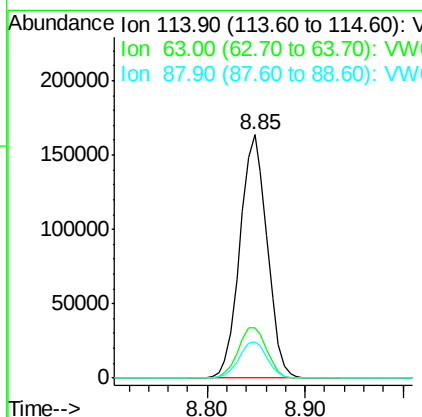
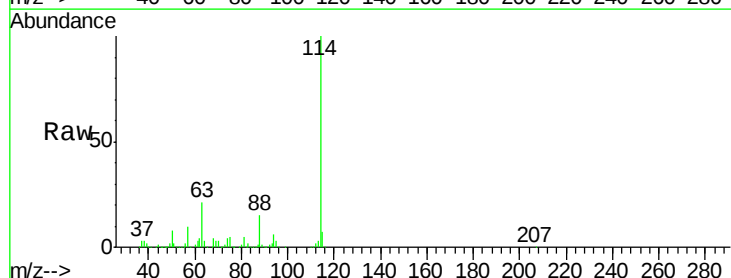
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-071218RE

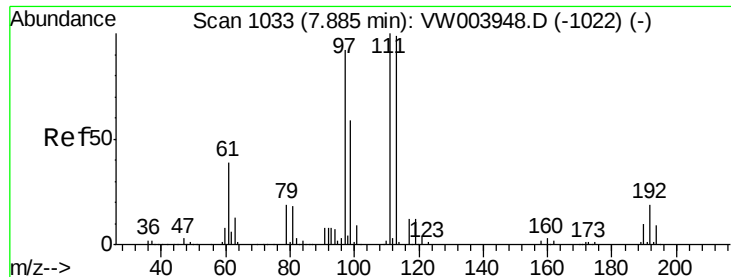
Tot Ion: 65 Resp: 132491
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004011.D
 Acq: 18 Jul 2018 04:45

Tgt Ion: 114 Resp: 315908
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 14.8 0.0 30.4

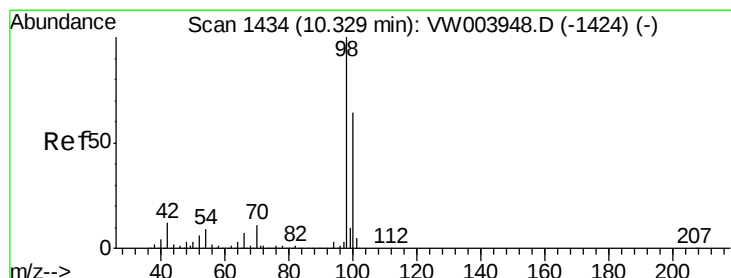
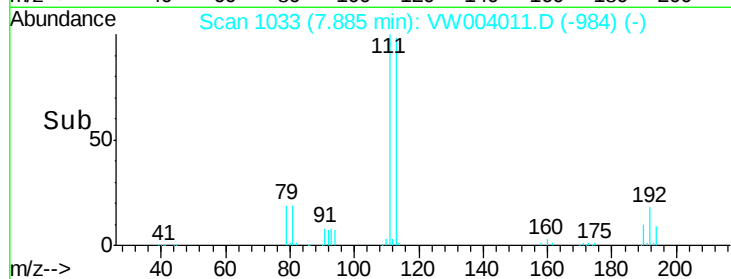
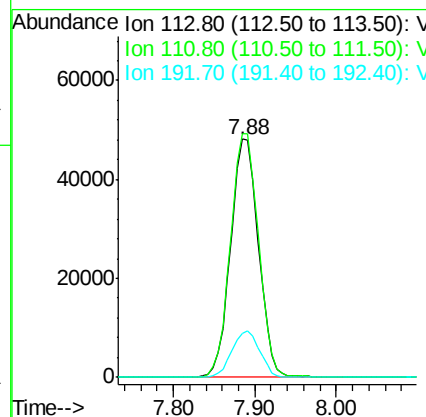
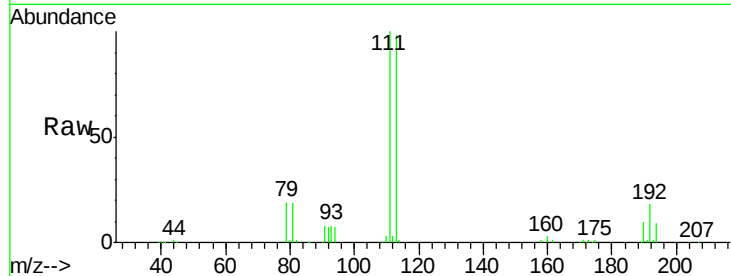




#35
 Dibromofluoromethane
 Concen: 55.79 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004011.D
 Acq: 18 Jul 2018 04:45

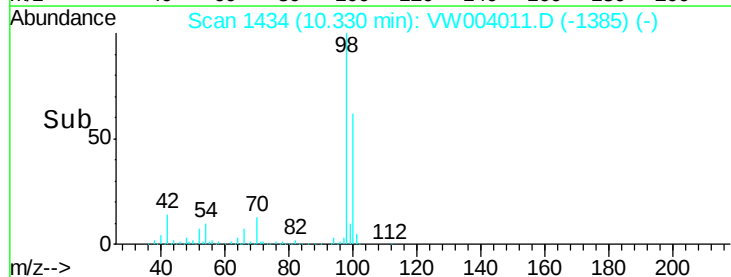
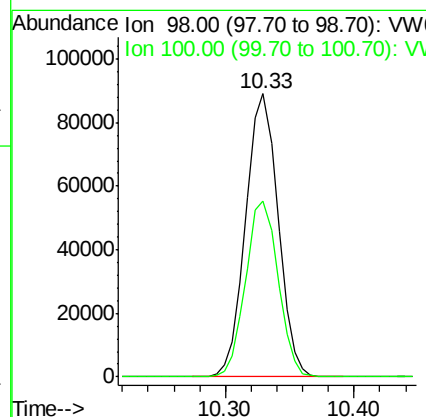
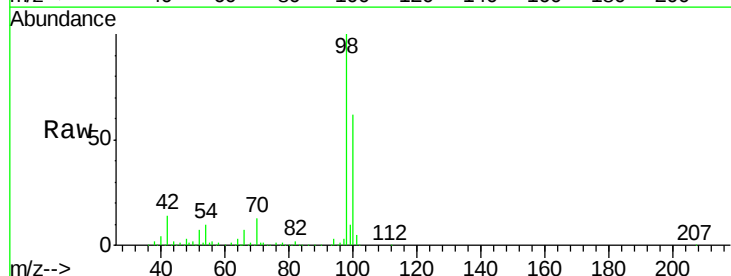
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-071218RE

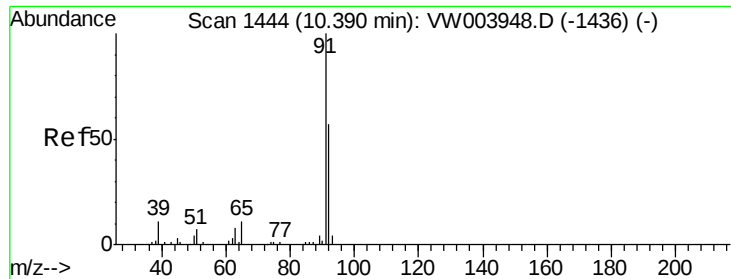
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.3	121.9
192	19.6	15.8	23.6



#50
 Toluene-d8
 Concen: 19.72 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004011.D
 Acq: 18 Jul 2018 04:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.2	51.2	76.8





#52

Toluene

Concen: 3.31 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004011.D

Acq: 18 Jul 2018 04:45

Instrument :

MSVOA_W

ClientSampleId :

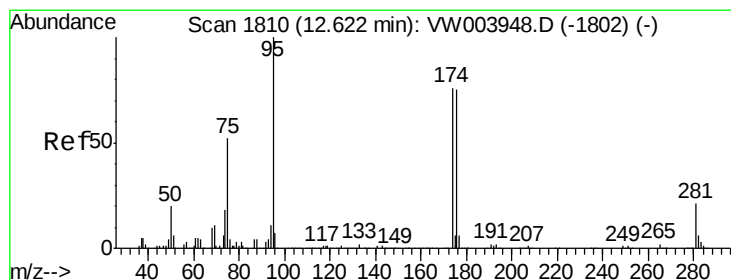
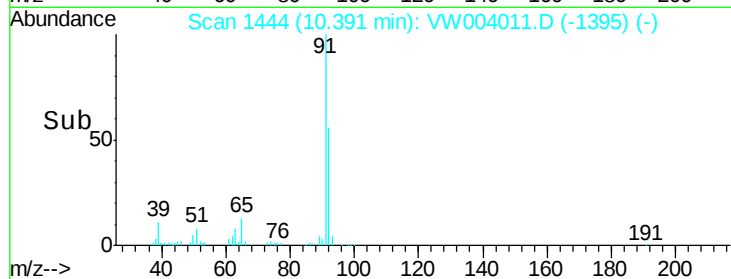
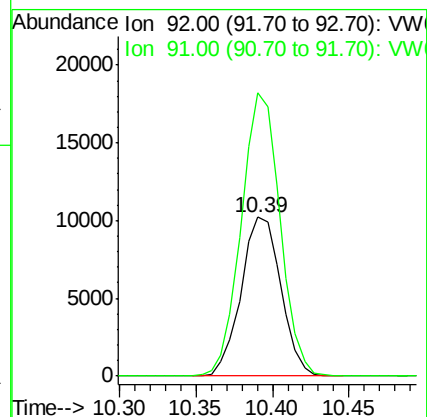
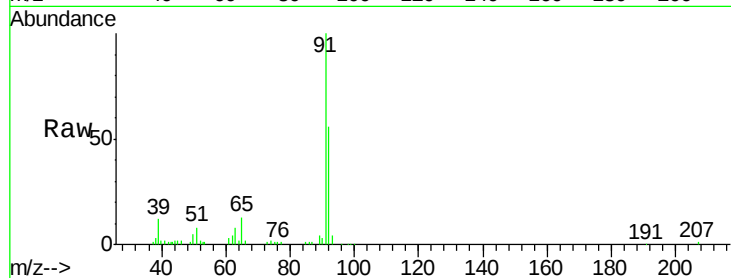
SU-04-071218RE

Tot Ion: 92 Resp: 18481

Ion Ratio Lower Upper

92 100

91 173.4 139.6 209.4



#62

4-Bromofluorobenzene

Concen: 39.09 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004011.D

Acq: 18 Jul 2018 04:45

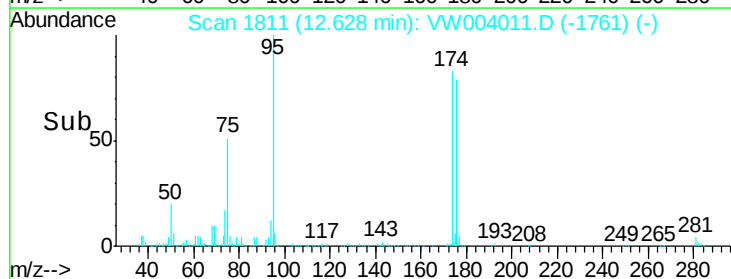
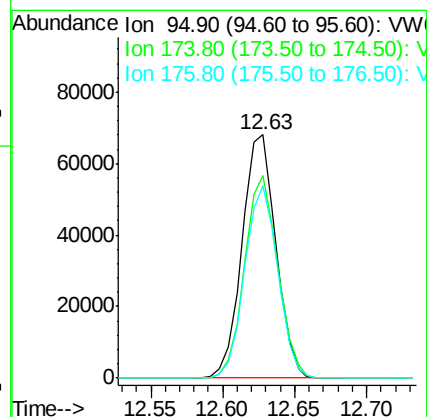
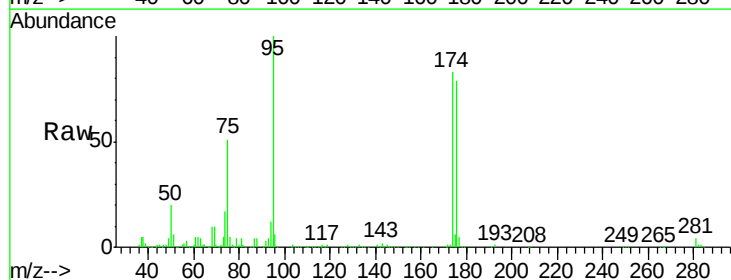
Tgt Ion: 95 Resp: 110869

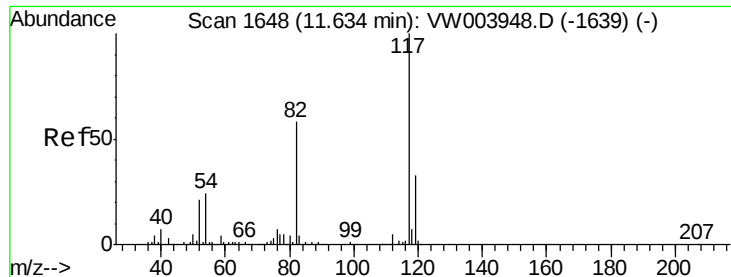
Ion Ratio Lower Upper

95 100

174 81.6 0.0 160.2

176 77.0 0.0 155.8

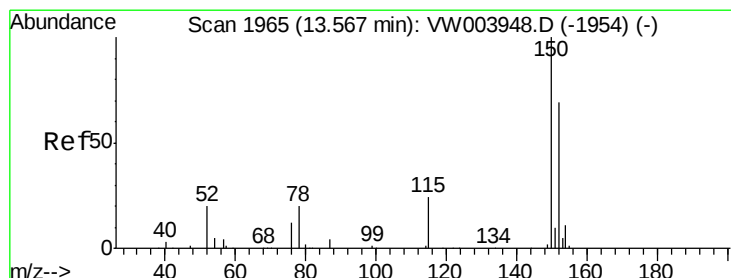
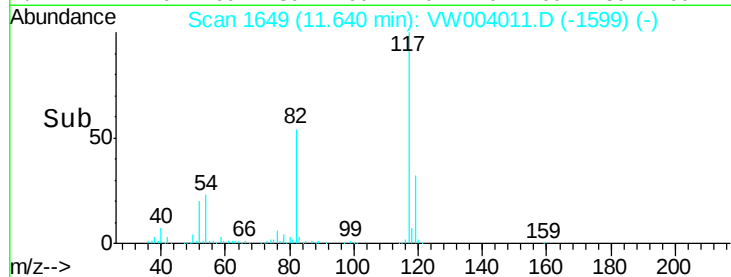
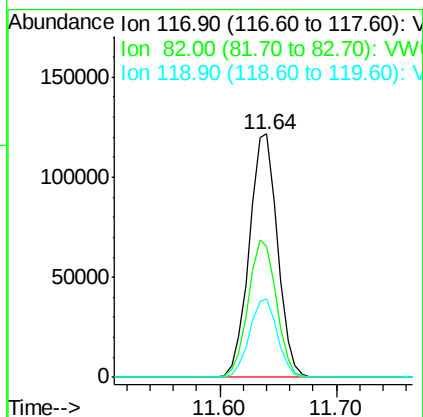
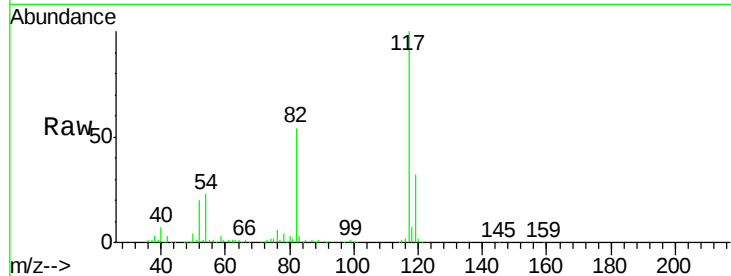




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004011.D
Acq: 18 Jul 2018 04:45

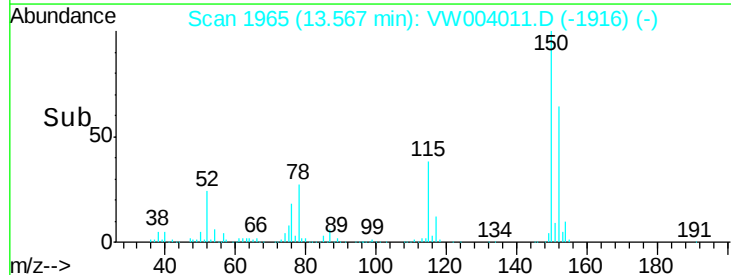
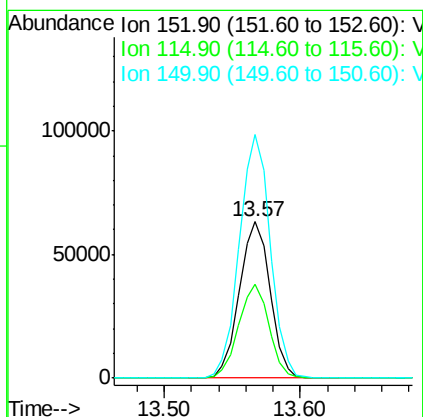
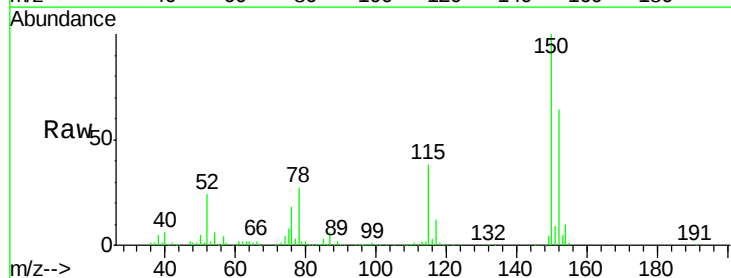
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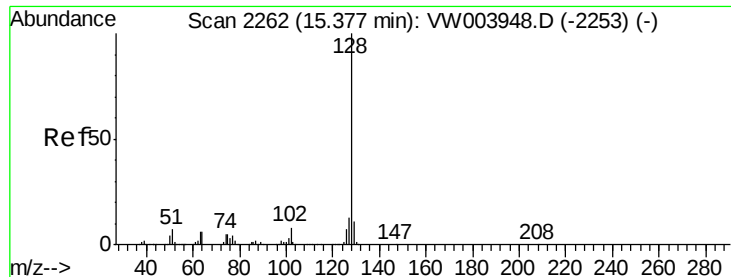
Tot Ion:117 Resp: 206598
Ion Ratio Lower Upper
117 100
82 53.9 46.5 69.7
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004011.D
Acq: 18 Jul 2018 04:45

Tgt Ion:152 Resp: 99971
Ion Ratio Lower Upper
152 100
115 59.1 29.2 87.6
150 156.6 0.0 345.2





#95

Naphthalene

Concen: 42.33 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004011.D

Acq: 18 Jul 2018 04:45

Instrument :

MSVOA_W

ClientSampleId :

SU-04-071218RE

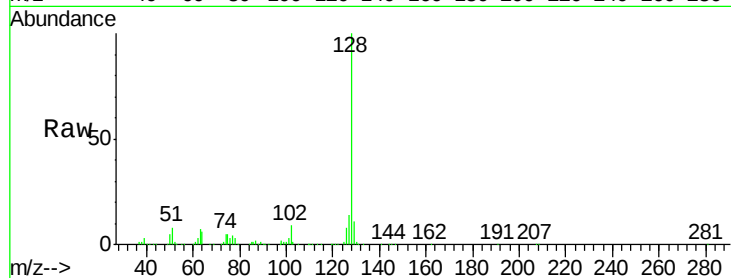
Tot Ion:128 Resp: 165068

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 10.9 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

