

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006233.D
 Acq On : 19 Oct 2018 18:46
 Operator : VA/AP
 Sample : J5605-07RE
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-BRE

Quant Time: Oct 20 02:35:25 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

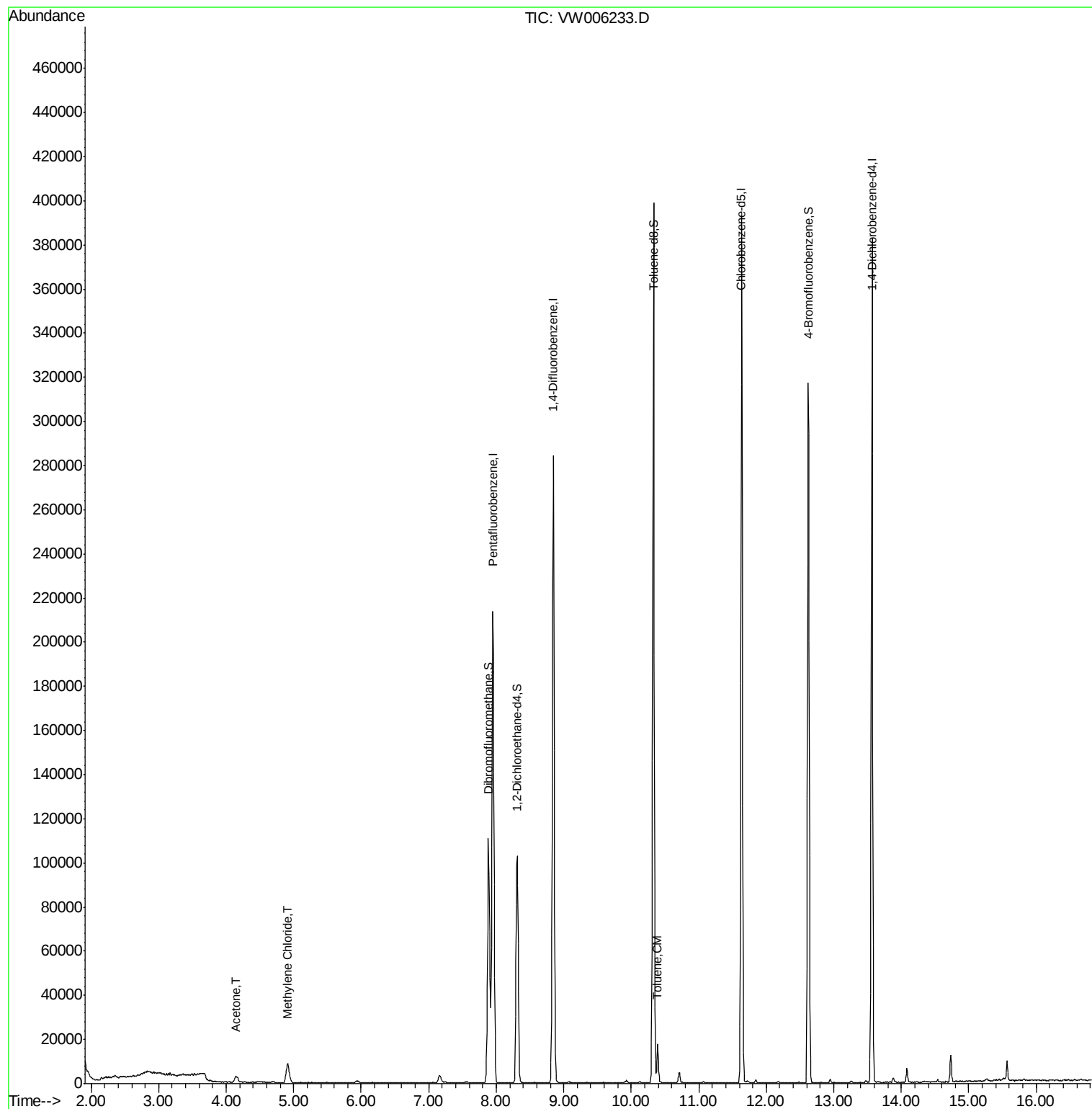
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	172891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	249467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	106149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83002	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
35) Dibromofluoromethane	7.88	113	77033	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
50) Toluene-d8	10.33	98	270767	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.62	95	95490	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
16) Acetone	4.14	43	6242	8.938	ug/l	92
20) Methylene Chloride	4.91	84	7213	3.234	ug/l	91
52) Toluene	10.39	92	6918	1.636	ug/l	98

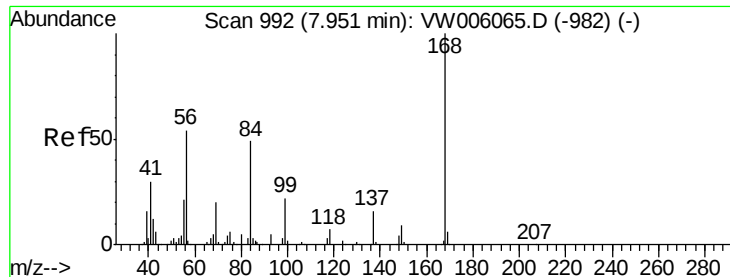
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :
TP-BRE

Quant Time: Oct 20 02:35:25 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: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

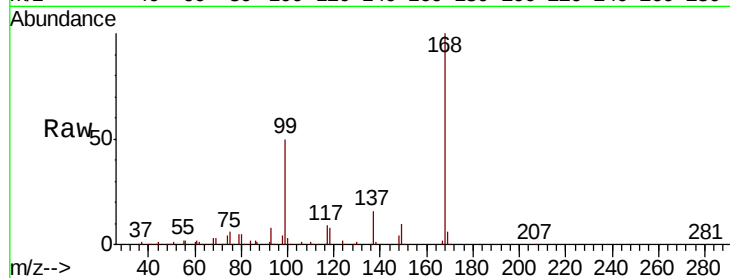
TP-BRE

Tot Ion:168 Resp: 172891

Ion Ratio Lower Upper

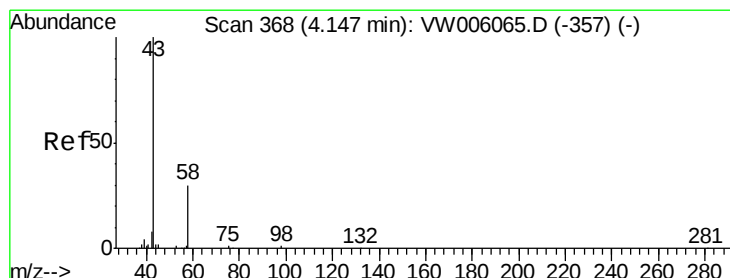
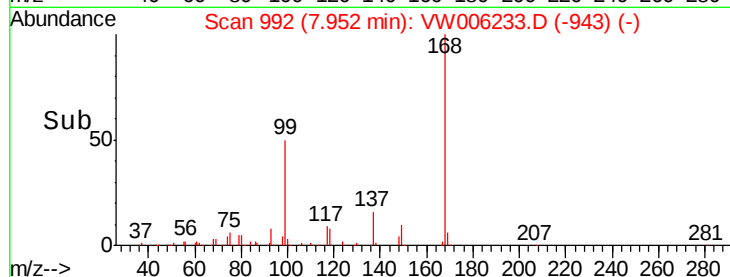
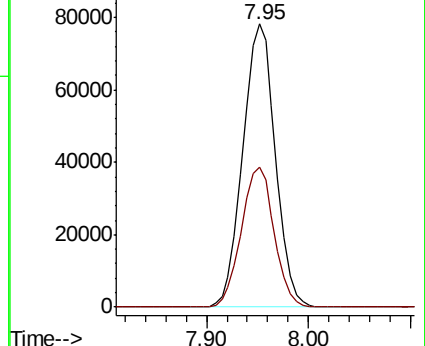
168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.938 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006233.D

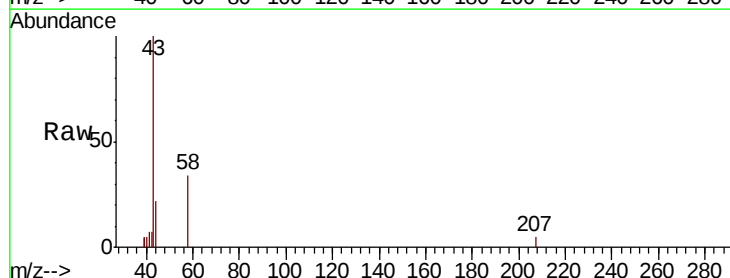
Acq: 19 Oct 2018 18:46

Tgt Ion: 43 Resp: 6242

Ion Ratio Lower Upper

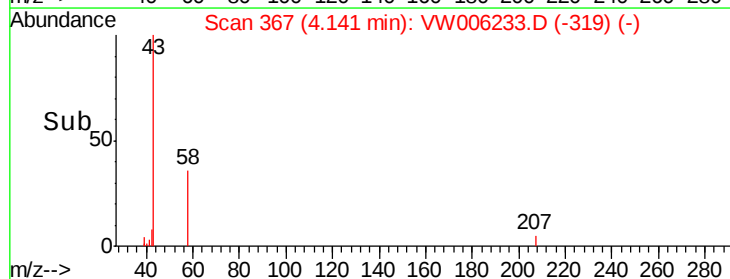
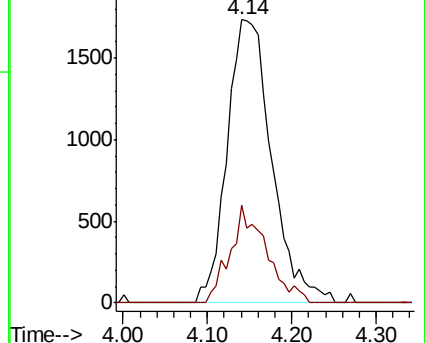
43 100

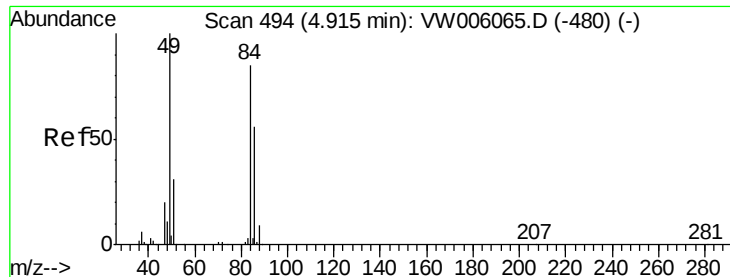
58 34.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.234 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

TP-BRE

Tot Ion: 84 Resp: 7213

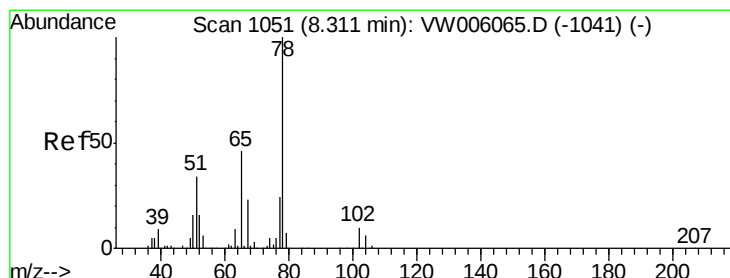
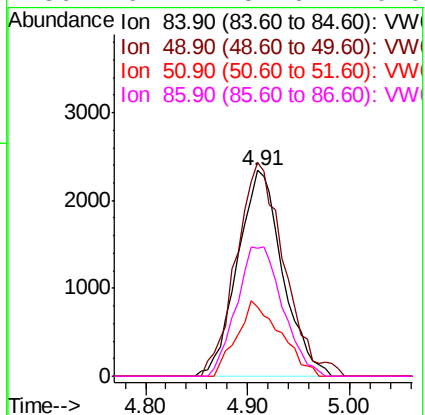
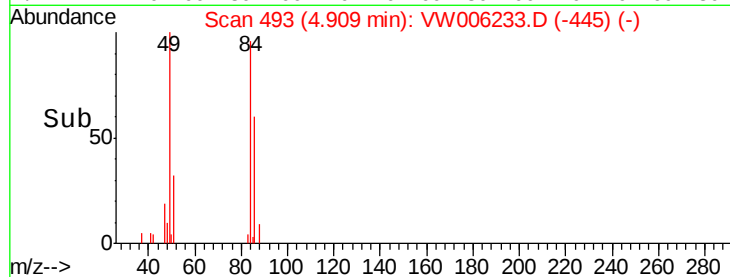
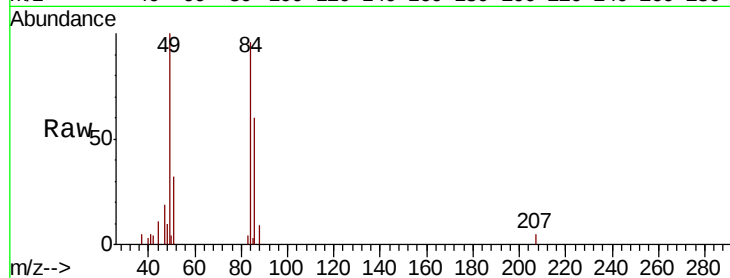
Ion Ratio Lower Upper

84 100

49 103.7 93.6 140.4

51 33.3 29.0 43.4

86 62.4 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 57.907 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006233.D

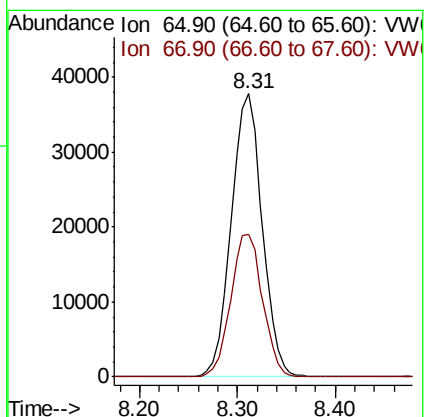
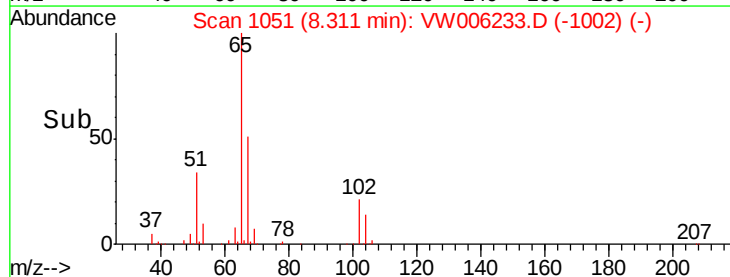
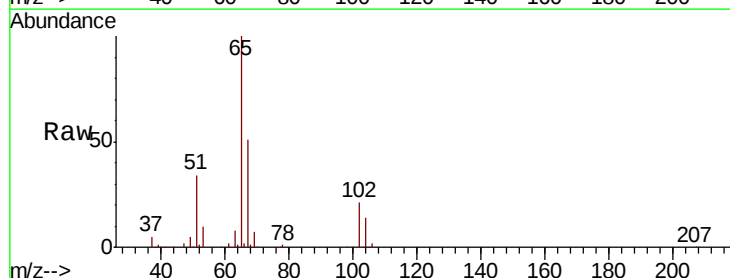
Acq: 19 Oct 2018 18:46

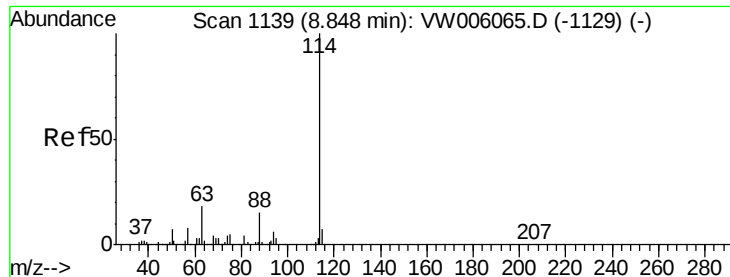
Tgt Ion: 65 Resp: 83002

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.0

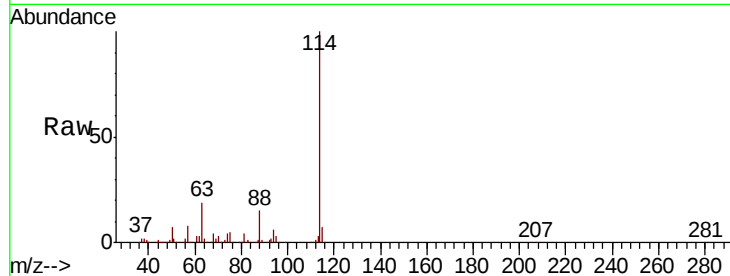




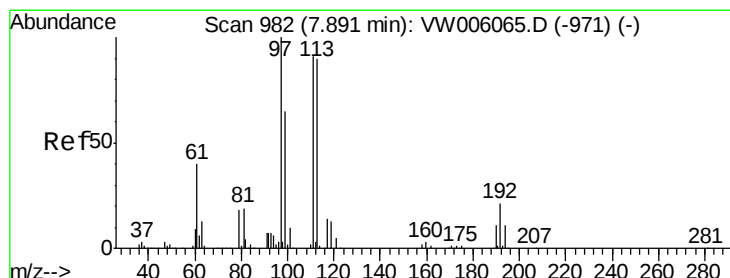
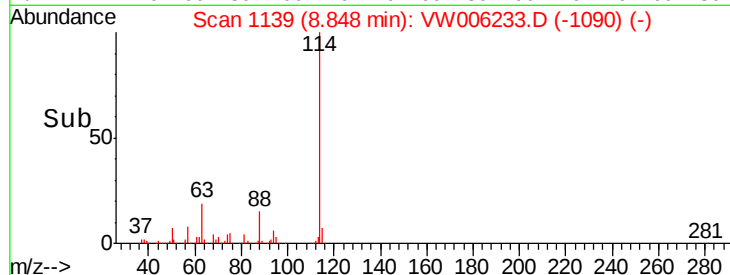
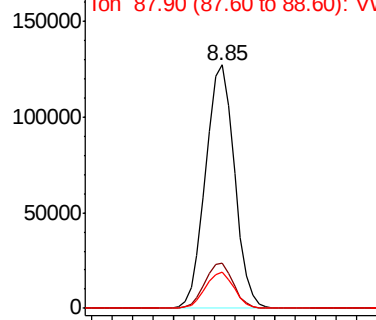
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006233.D
 Acq: 19 Oct 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-BRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	36.8
88	14.8	0.0	29.0

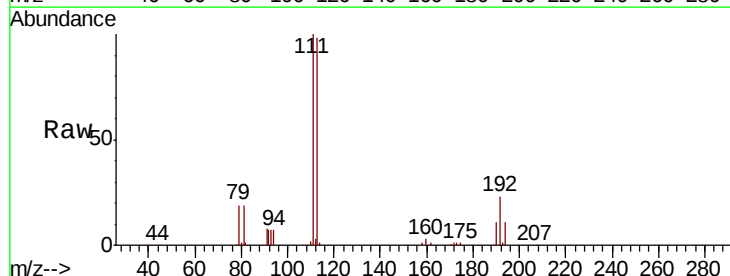


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

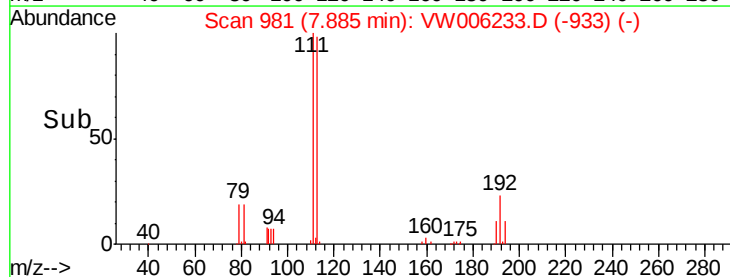
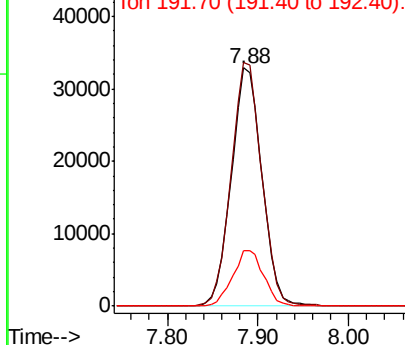


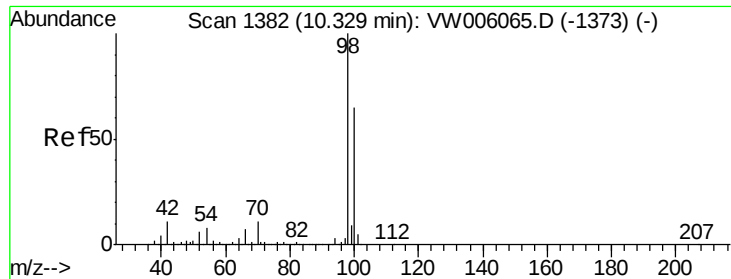
#35
 Dibromofluoromethane
 Concen: 52.258 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006233.D
 Acq: 19 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	23.4	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: 48.281 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

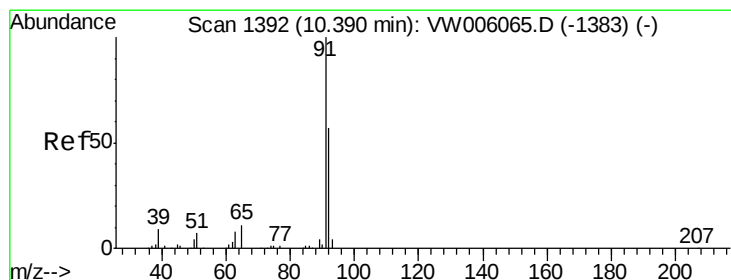
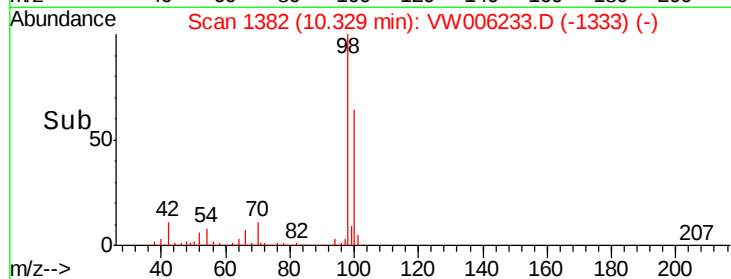
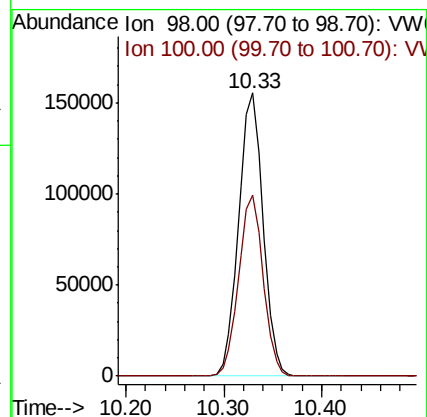
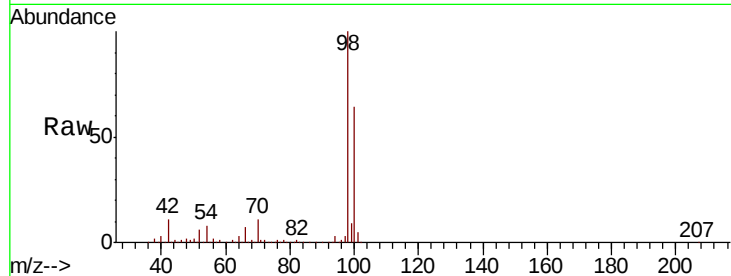
TP-BRE

Tot Ion: 98 Resp: 270767

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#52

Toluene

Concen: 1.636 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006233.D

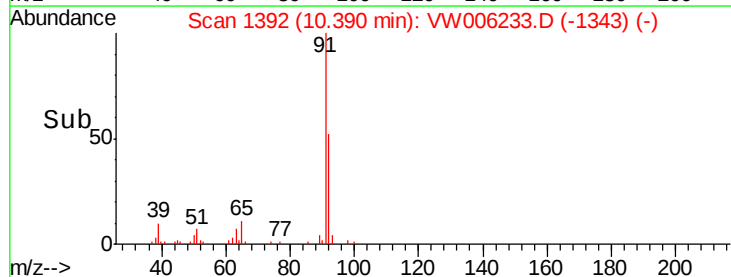
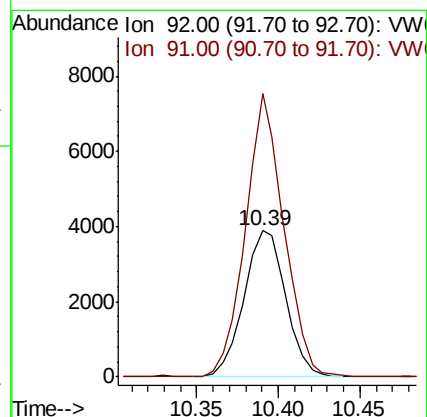
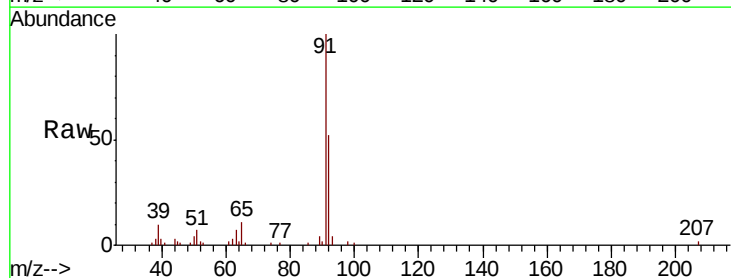
Acq: 19 Oct 2018 18:46

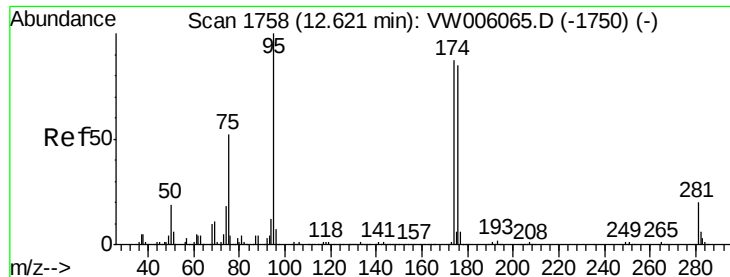
Tgt Ion: 92 Resp: 6918

Ion Ratio Lower Upper

92 100

91 177.9 140.0 210.0

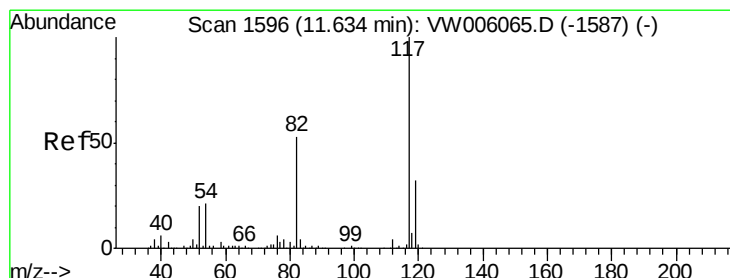
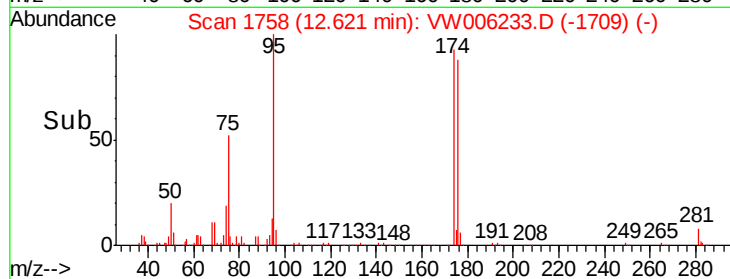
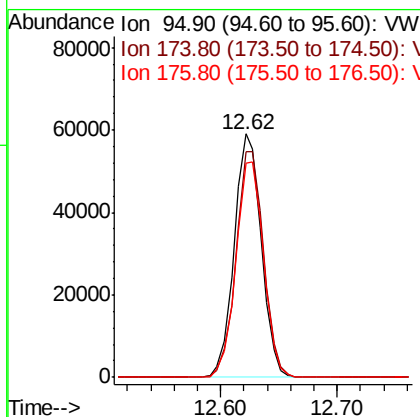
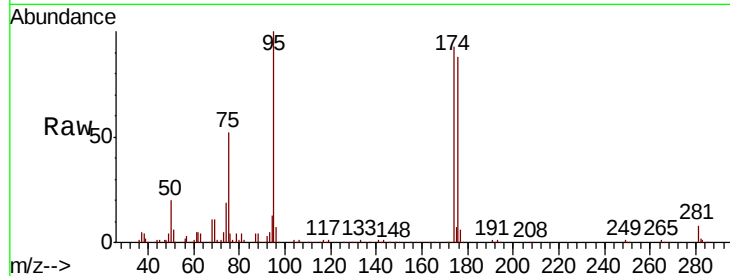




#62
4-Bromofluorobenzene
Concen: 45.334 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006233.D
Acq: 19 Oct 2018 18:46

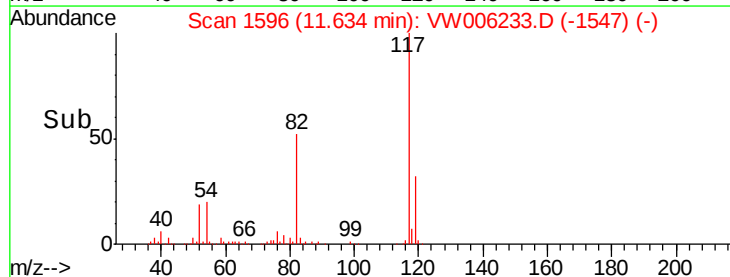
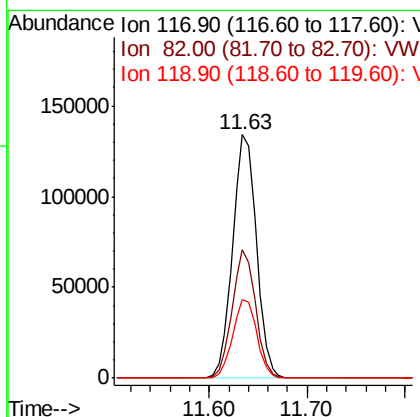
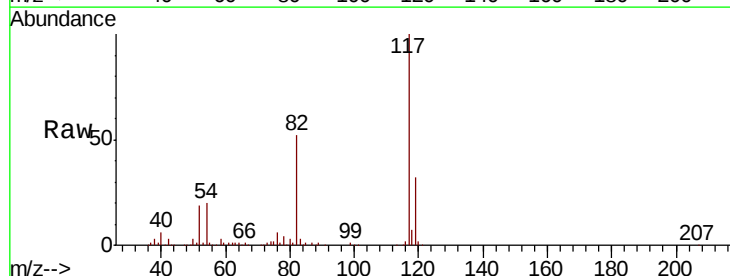
Instrument :
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TP-BRE

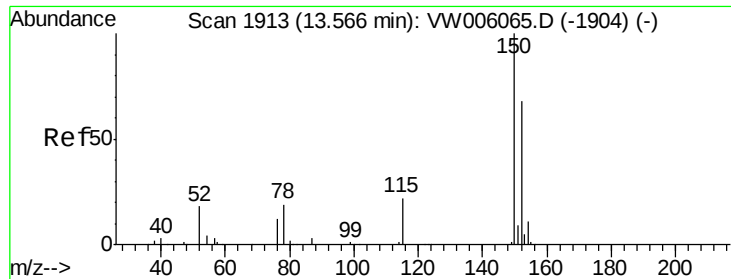
Tot Ion	95	Resp	95490
Ion Ratio	Lower	Upper	
95	100		
174	94.5	0.0	186.0
176	90.4	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006233.D
Acq: 19 Oct 2018 18:46

Tgt Ion	117	Resp	226900
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.1	63.1
119	32.4	25.8	38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006233.D
 Acq: 19 Oct 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-BRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.8	83.3
150	155.5	0.0	349.2

