

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003996.D
 Acq On : 17 Jul 2018 20:05
 Operator : VA/AP
 Sample : J3997-11
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-S

Quant Time: Jul 18 05:47:13 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

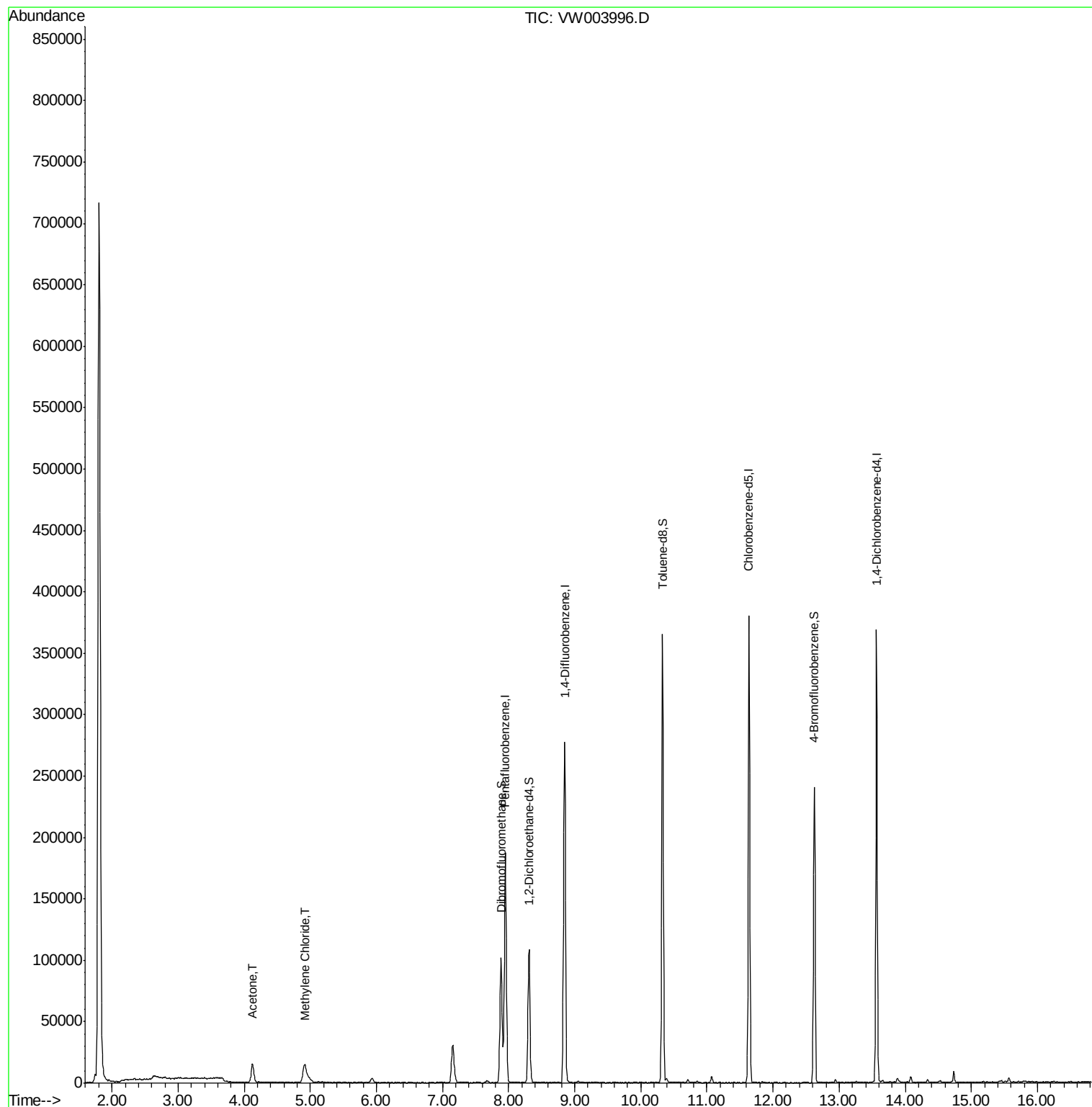
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	220192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	202940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86033	58.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.34%	
35) Dibromofluoromethane	7.88	113	71950	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.33	98	235192	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.62	95	73384	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
16) Acetone	4.13	43	26263	74.54	ug/l	89
20) Methylene Chloride	4.92	84	13808	1.21	ug/l	95

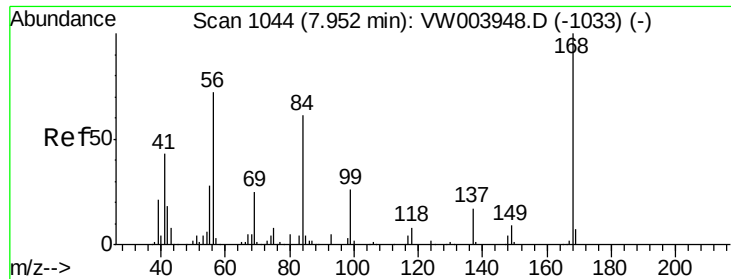
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003996.D

Acq: 17 Jul 2018 20:05

Instrument :

MSVOA_W

ClientSampleId :

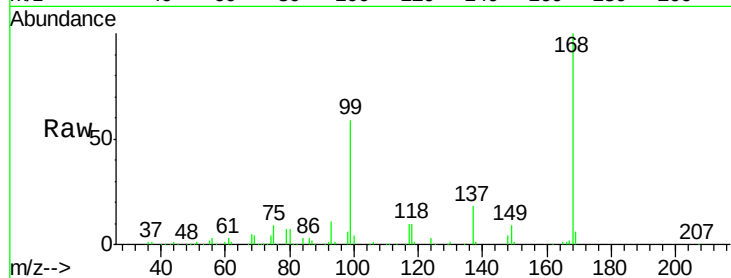
TP-H-S

Tot Ion:168 Resp: 131177

Ion Ratio Lower Upper

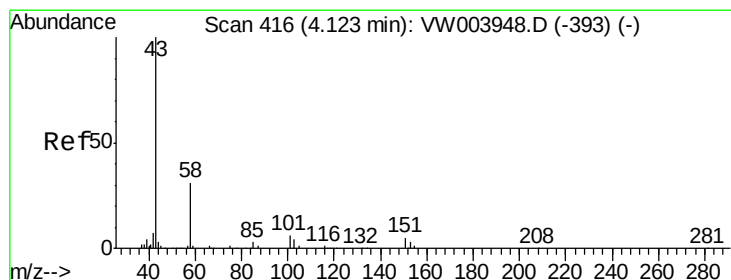
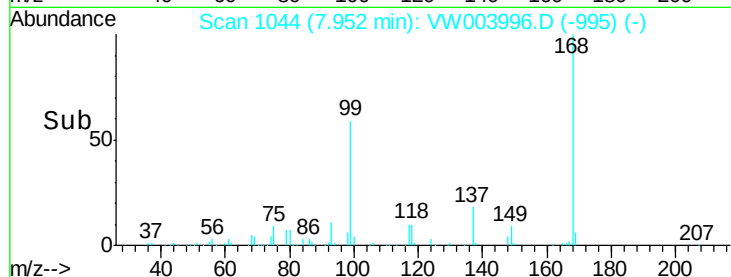
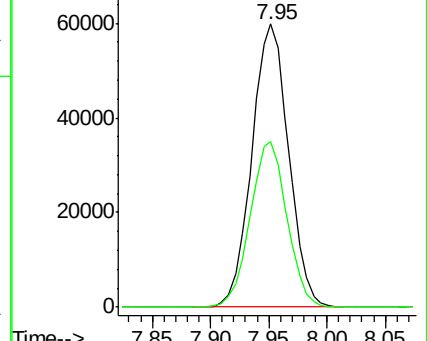
168 100

99 58.7 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: 74.54 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW003996.D

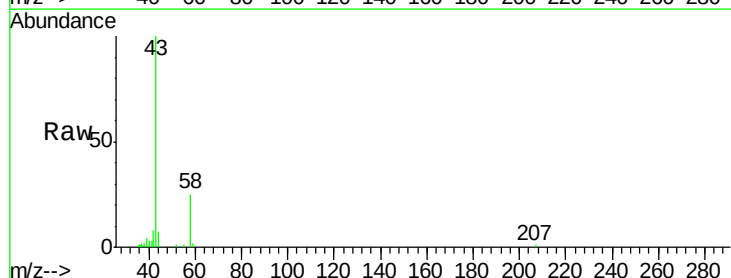
Acq: 17 Jul 2018 20:05

Tgt Ion: 43 Resp: 26263

Ion Ratio Lower Upper

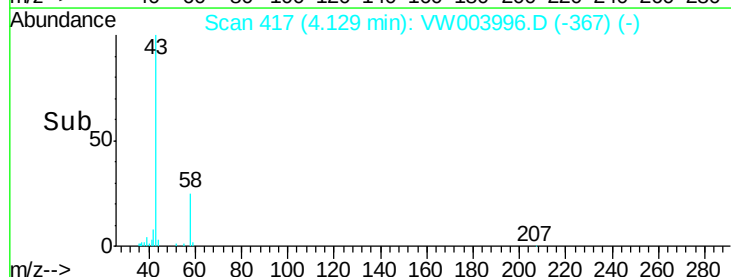
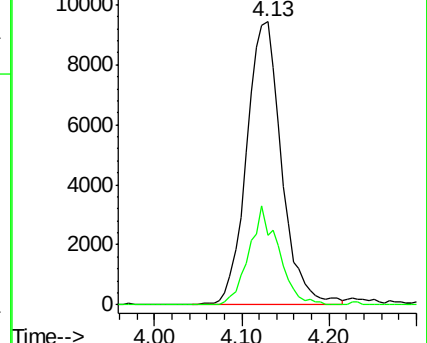
43 100

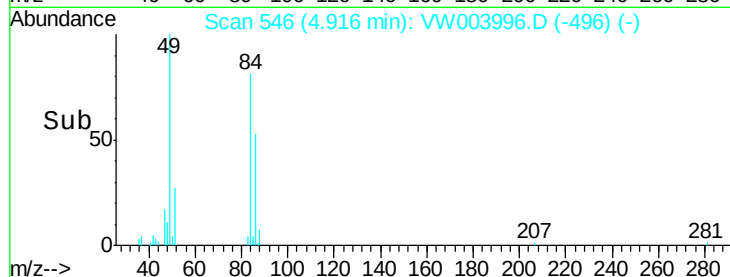
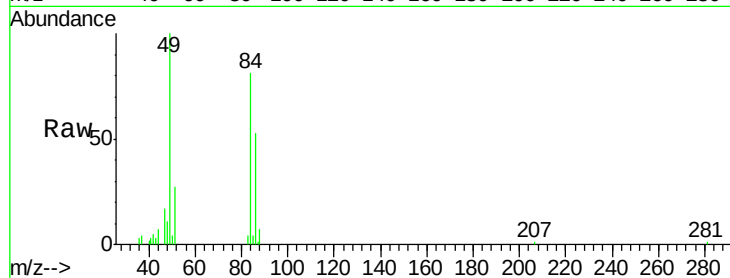
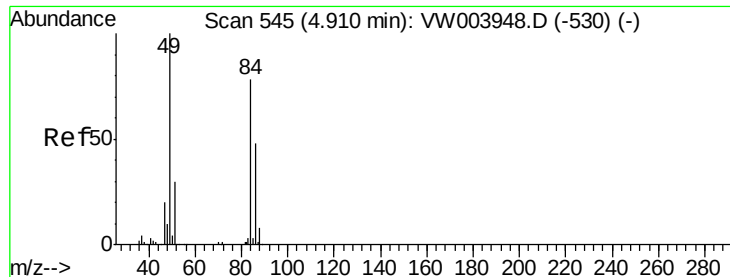
58 24.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.21 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003996.D

Acq: 17 Jul 2018 20:05

Instrument :

MSVOA_W

ClientSampleId :

TP-H-S

Tot Ion: 84 Resp: 13808

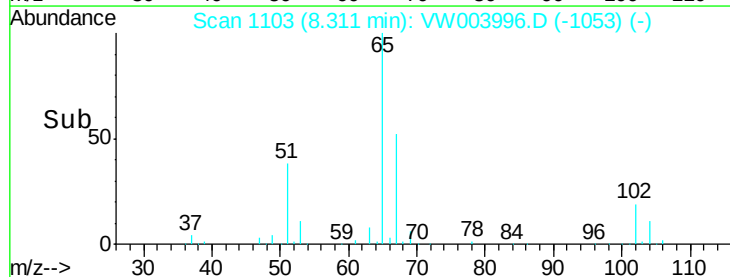
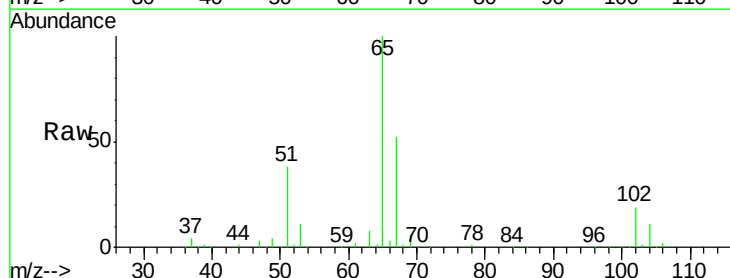
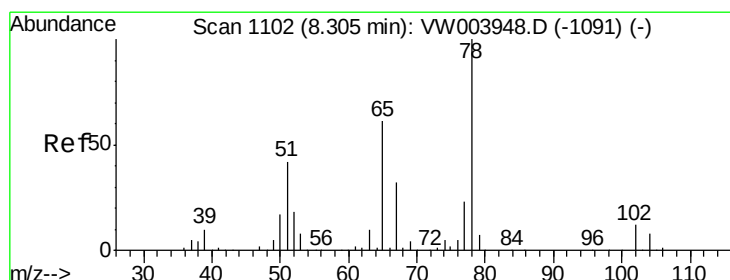
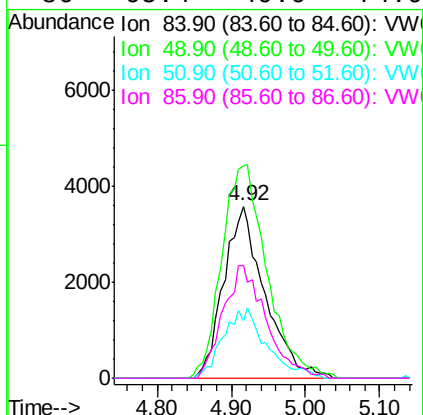
Ion Ratio Lower Upper

84 100

49 123.6 102.9 154.3

51 33.4 30.9 46.3

86 65.4 49.9 74.9



#33

1,2-Dichloroethane-d4

Concen: 58.67 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003996.D

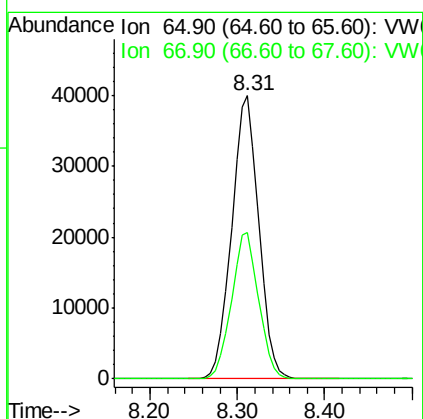
Acq: 17 Jul 2018 20:05

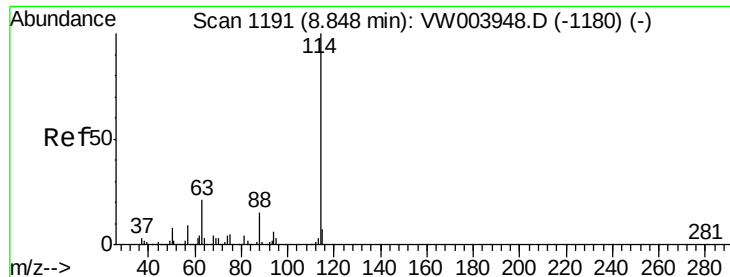
Tgt Ion: 65 Resp: 86033

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.0

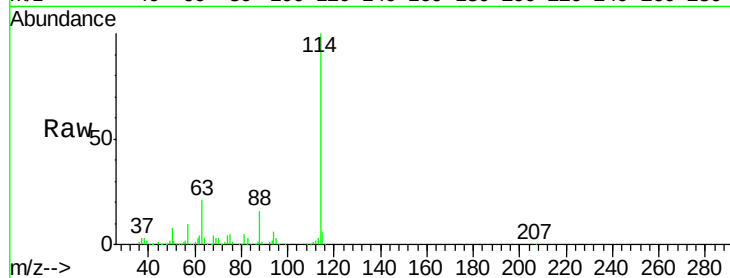




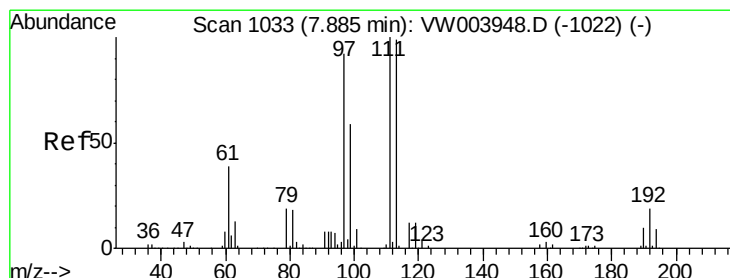
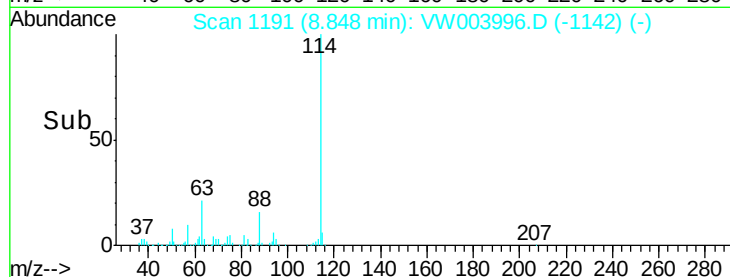
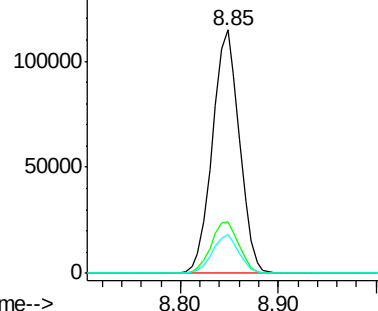
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003996.D
 Acq: 17 Jul 2018 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-S

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.8
88	15.9	0.0	30.4

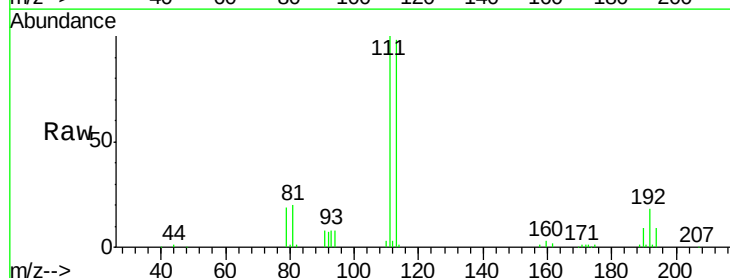


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

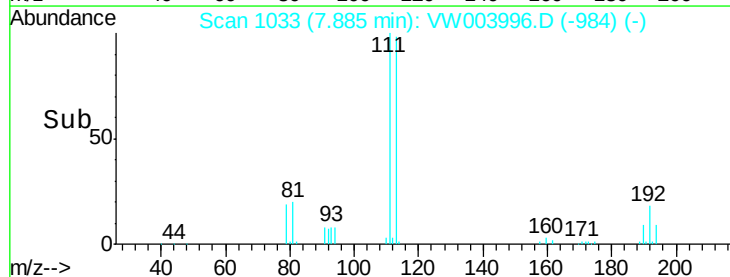
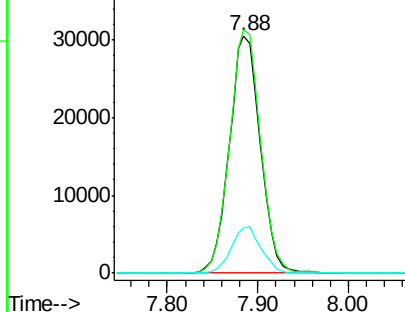


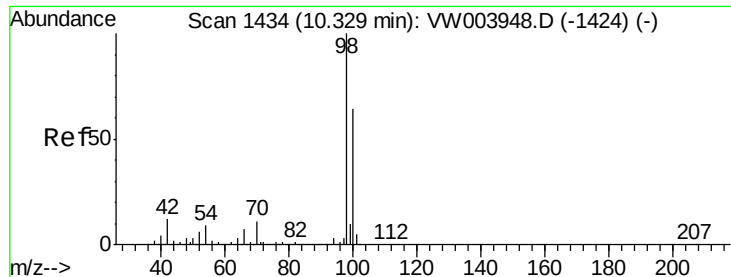
#35
 Dibromofluoromethane
 Concen: 50.93 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003996.D
 Acq: 17 Jul 2018 20:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	19.1	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: 42.90 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003996.D

Acq: 17 Jul 2018 20:05

Instrument :

MSVOA_W

ClientSampleId :

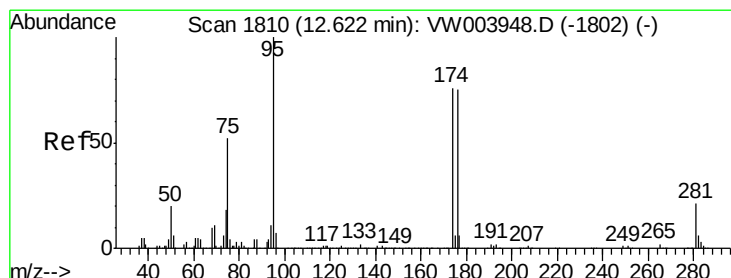
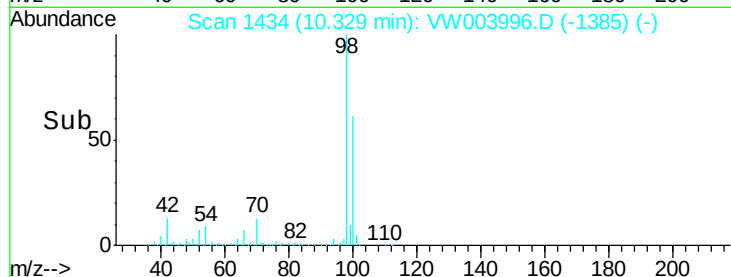
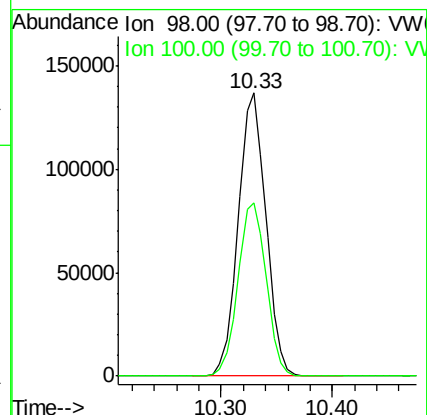
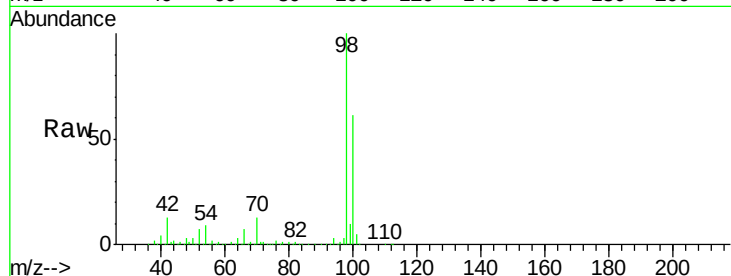
TP-H-S

Tot Ion: 98 Resp: 235192

Ion Ratio Lower Upper

98 100

100 62.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 37.12 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003996.D

Acq: 17 Jul 2018 20:05

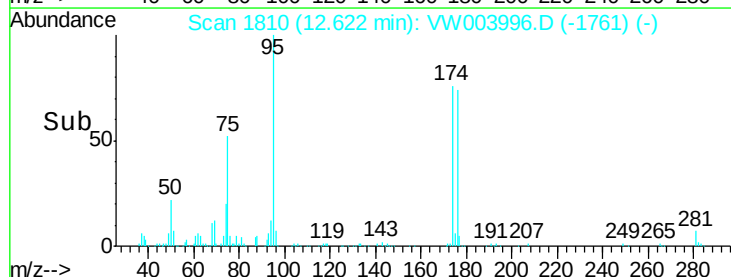
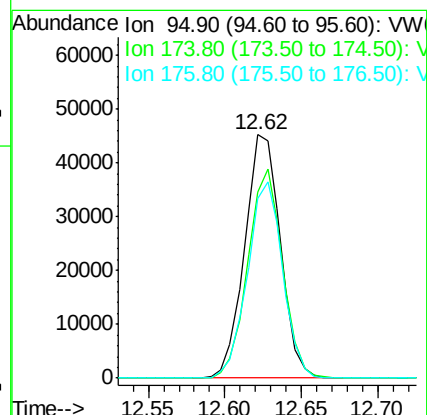
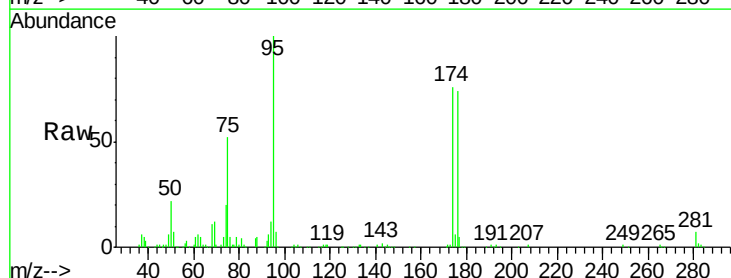
Tgt Ion: 95 Resp: 73384

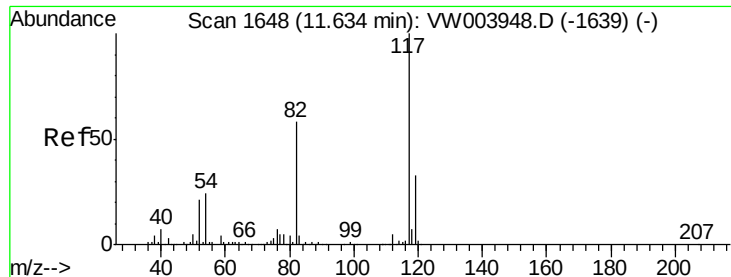
Ion Ratio Lower Upper

95 100

174 83.2 0.0 160.2

176 79.4 0.0 155.8

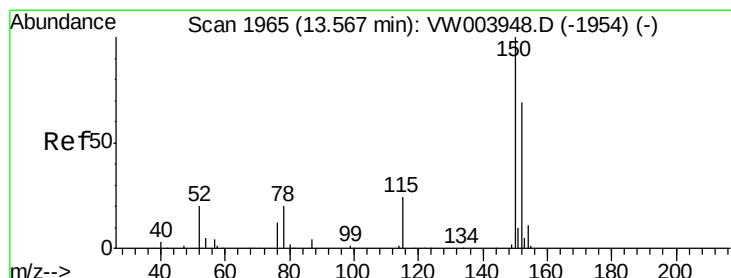
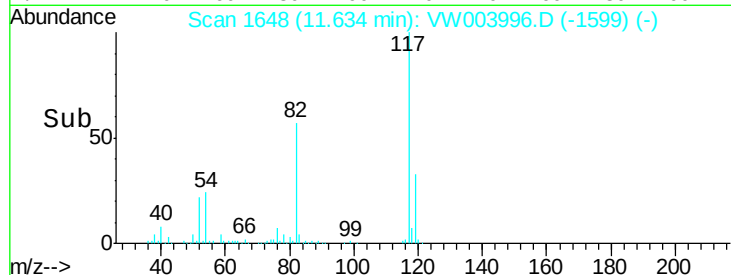
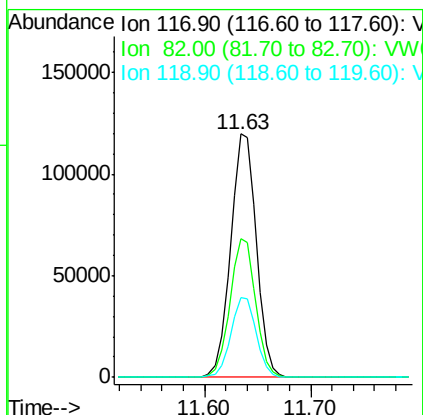
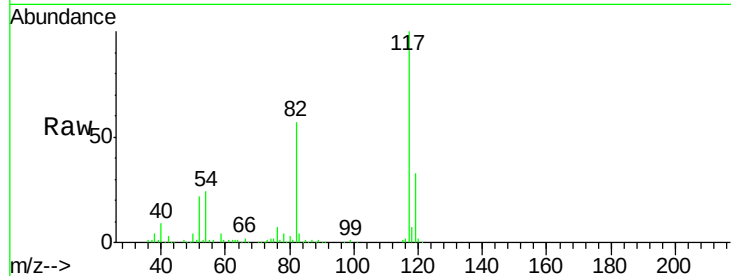




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003996.D
Acq: 17 Jul 2018 20:05

Instrument :
MSVOA_W
ClientSampled :
TP-H-S

Tot Ion:117 Resp: 202940
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 32.6 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: VW003996.D
Acq: 17 Jul 2018 20:05

Tgt Ion:152 Resp: 90810
Ion Ratio Lower Upper
152 100
115 56.7 29.2 87.6
150 153.9 0.0 345.2

