

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006963.D
 Acq On : 20 Nov 2018 00:23
 Operator : SY/AP
 Sample : J5977-11
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-02(10-12)

Quant Time: Nov 20 06:10:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

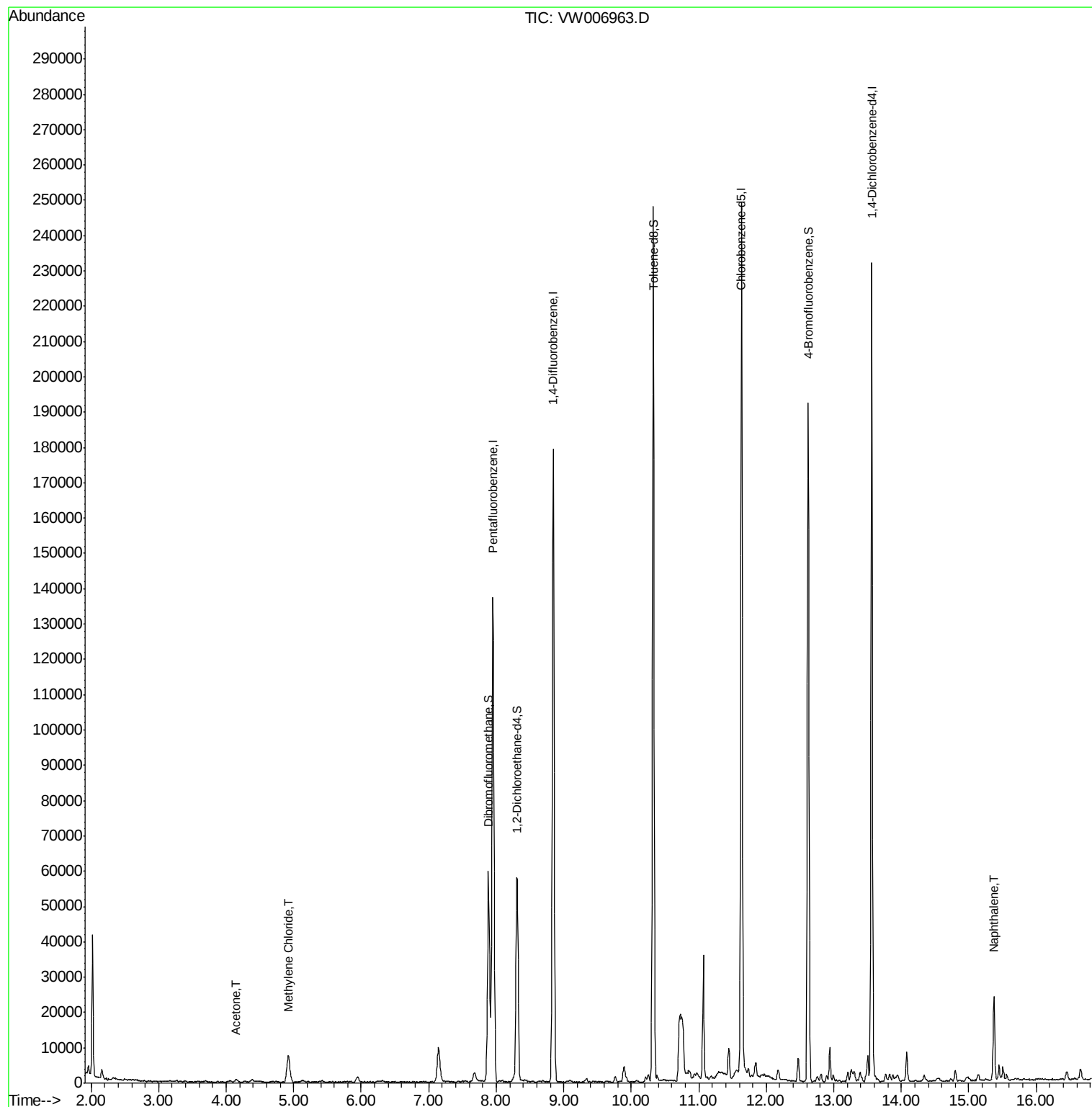
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	101800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	157247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47216	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.24%	
35) Dibromofluoromethane	7.88	113	42393	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
50) Toluene-d8	10.33	98	169632	42.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.74%	
62) 4-Bromofluorobenzene	12.62	95	61370	39.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.56%	
Target Compounds						
16) Acetone	4.14	43	1487	8.569	ug/l #	75
20) Methylene Chloride	4.93	84	6223	1.965	ug/l	87
95) Naphthalene	15.38	128	21594	9.666	ug/l	100

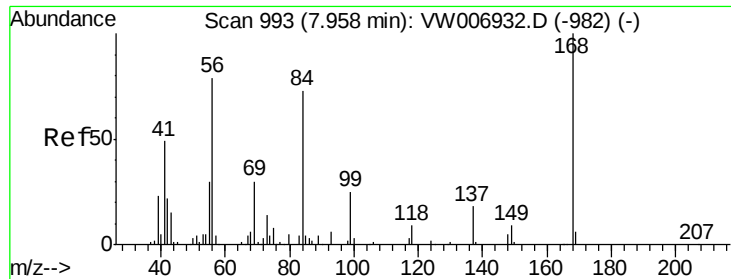
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006963.D

Acq: 20 Nov 2018 00:23

Instrument :

MSVOA_W

ClientSampleId :

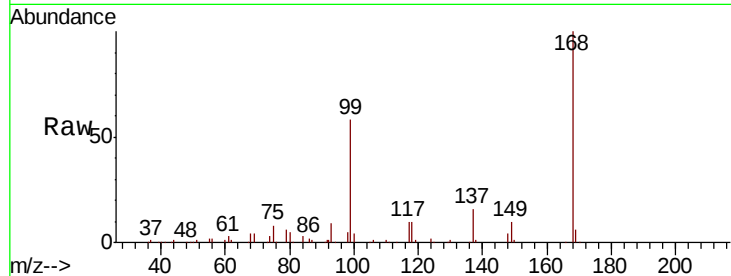
MMTW-02(10-12)

Tot Ion:168 Resp: 101800

Ion Ratio Lower Upper

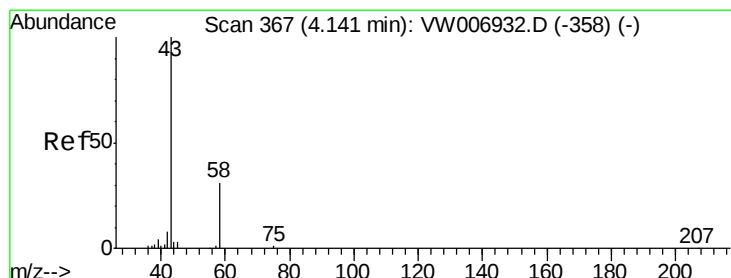
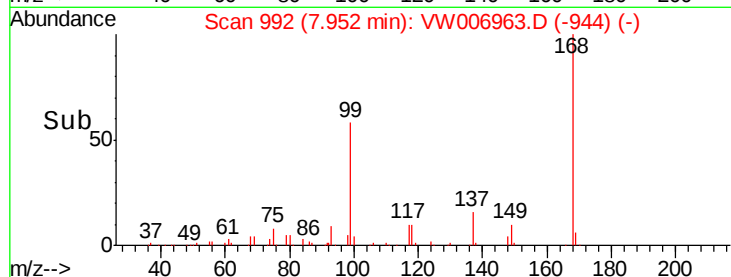
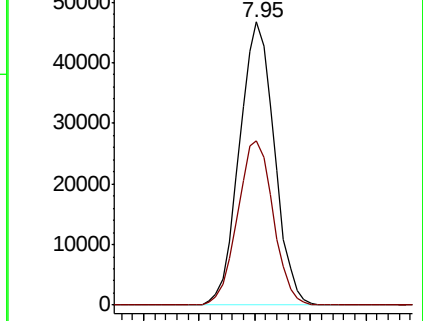
168 100

99 58.1 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.569 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006963.D

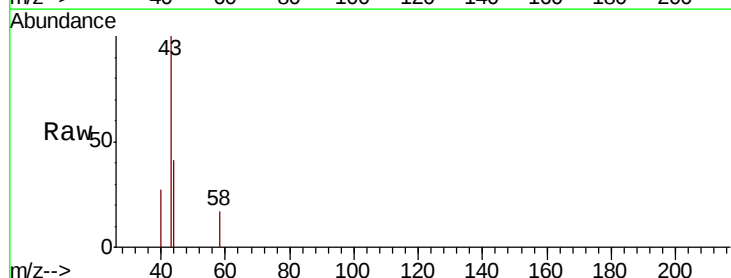
Acq: 20 Nov 2018 00:23

Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

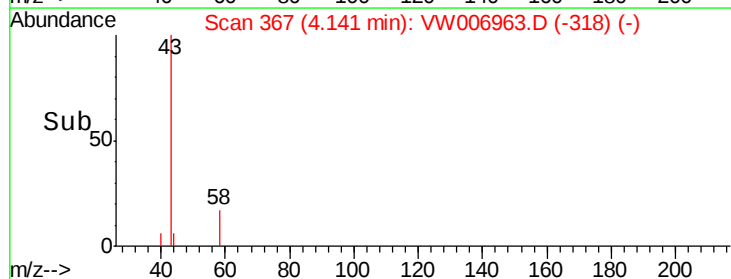
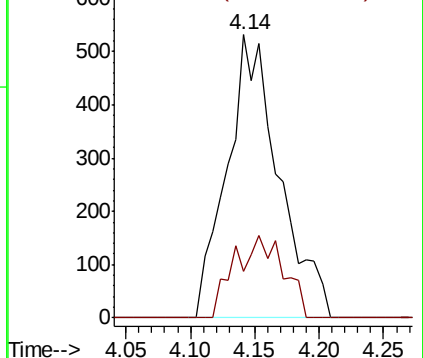
43 100

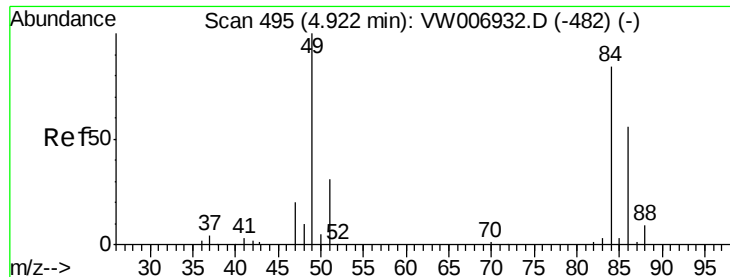
58 16.5 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

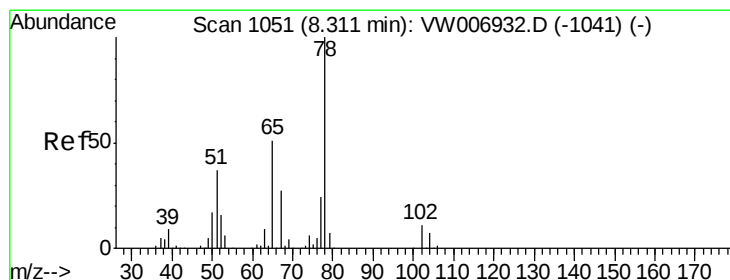
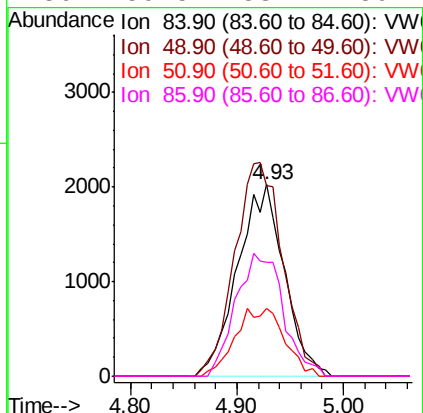
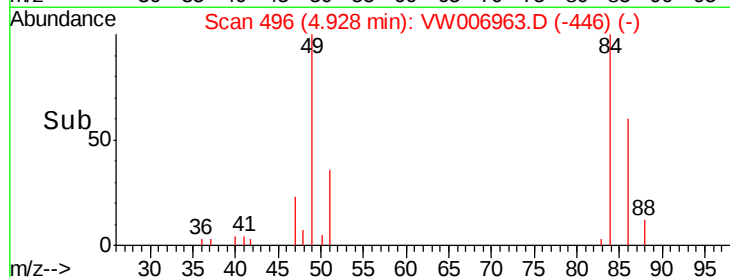
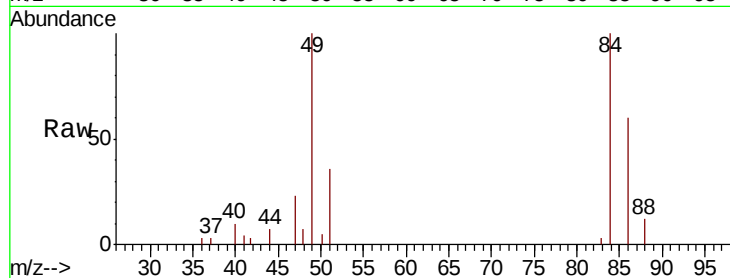




#20
Methvlene Chloride
Concen: 1.965 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006963.D
Acq: 20 Nov 2018 00:23

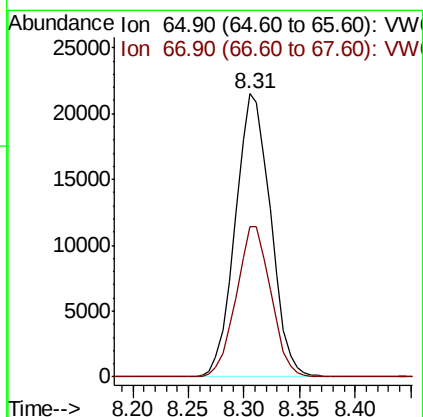
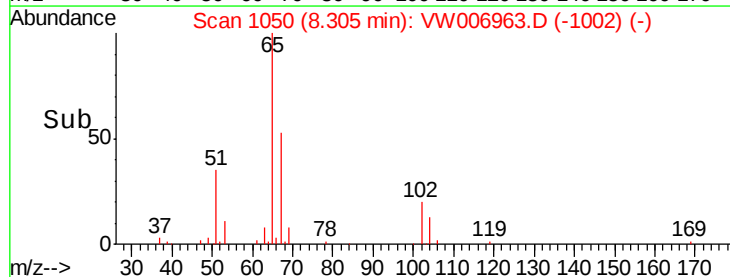
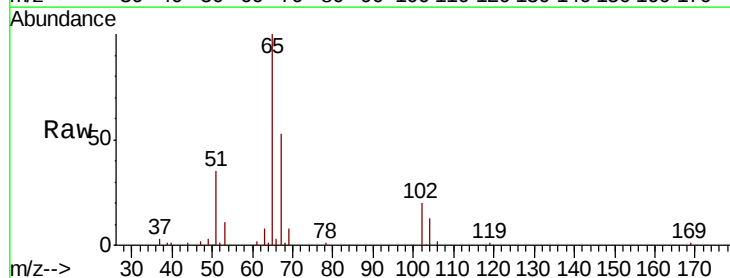
Instrument :
MSVOA_W
ClientSampleId :
MMTW-02(10-12)

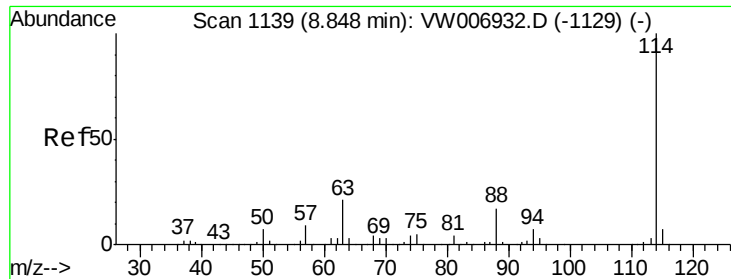
Tot Ion:	84	Resp:	6223
Ion	Ratio	Lower	Upper
84	100		
49	99.7	95.4	143.2
51	35.7	29.5	44.3
86	59.5	53.4	80.2



#33
1,2-Dichloroethane-d4
Concen: 41.618 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006963.D
Acq: 20 Nov 2018 00:23

Tgt Ion:	65	Resp:	47216
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.0

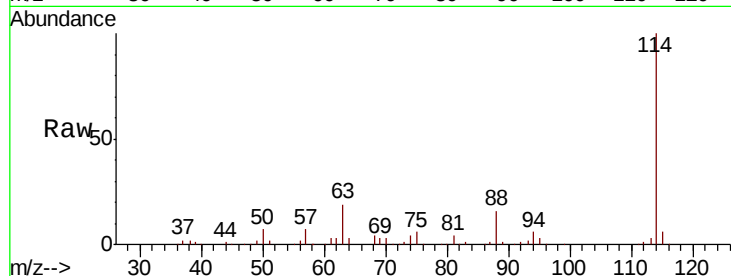




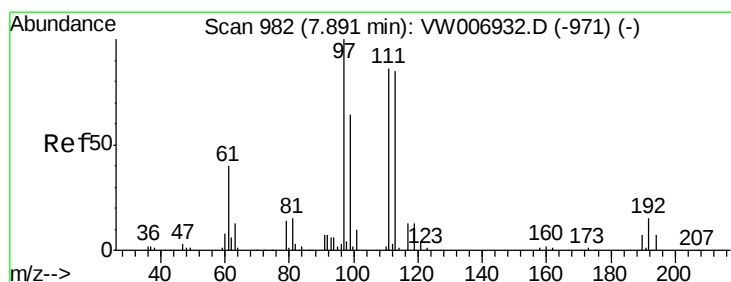
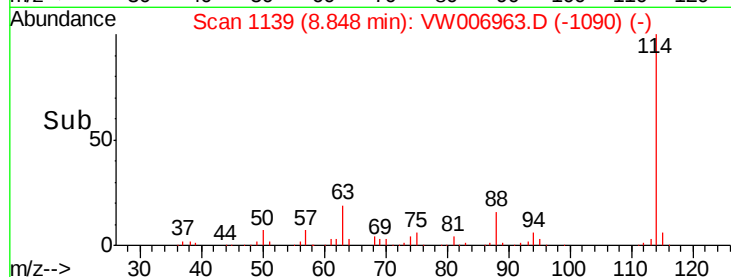
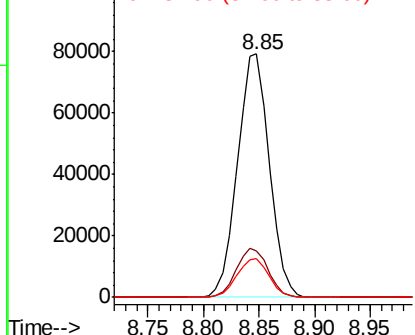
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006963.D
 Acq: 20 Nov 2018 00:23

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-02(10-12)

Tot Ion:114 Resp: 157247
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.2
 88 16.0 0.0 33.4

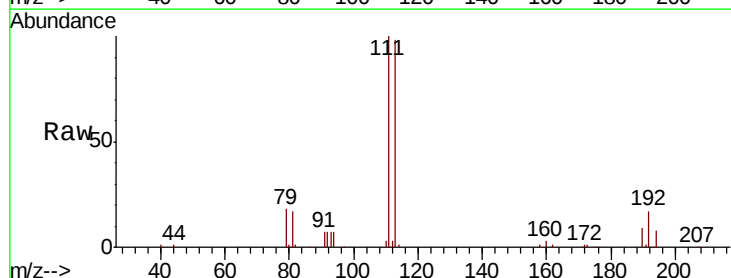


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

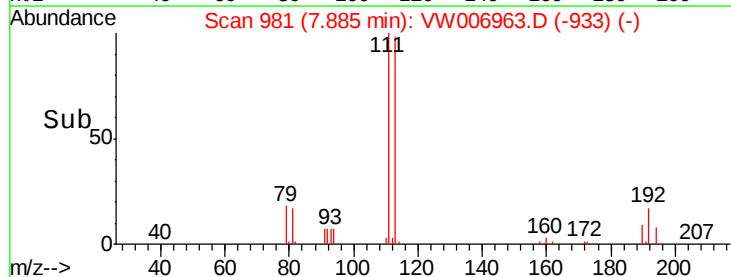
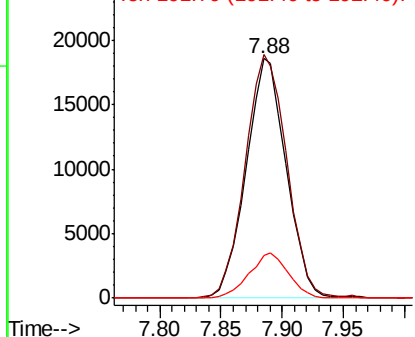


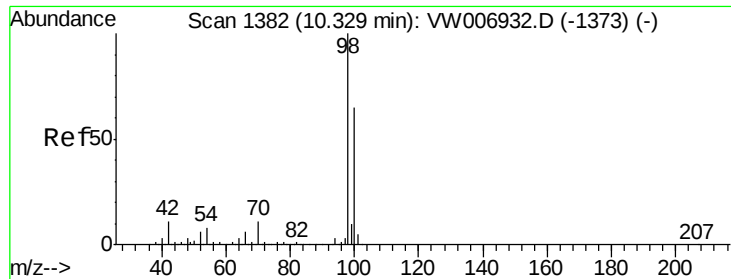
#35
 Dibromofluoromethane
 Concen: 46.043 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006963.D
 Acq: 20 Nov 2018 00:23

Tgt Ion:113 Resp: 42393
 Ion Ratio Lower Upper
 113 100
 111 105.5 81.7 122.5
 192 18.4 13.9 20.9



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: 42.872 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006963.D

Acq: 20 Nov 2018 00:23

Instrument :

MSVOA_W

ClientSampleId :

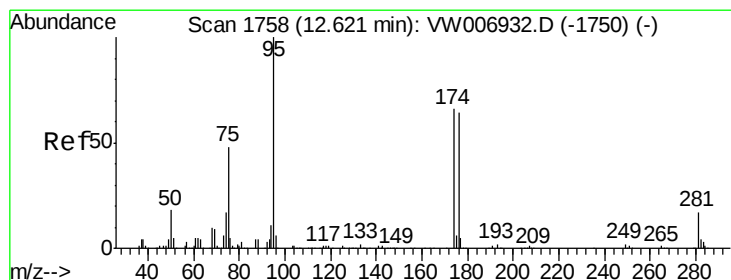
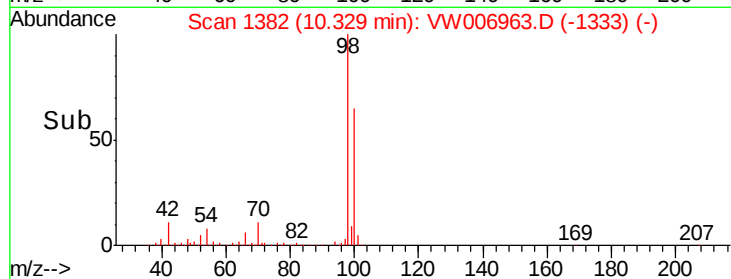
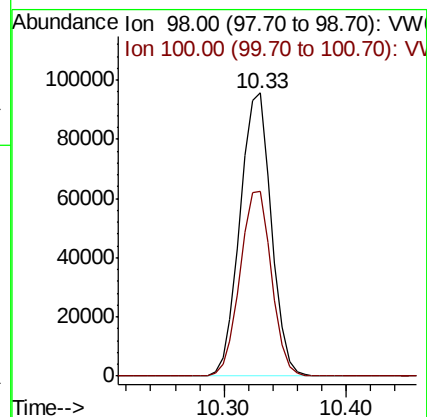
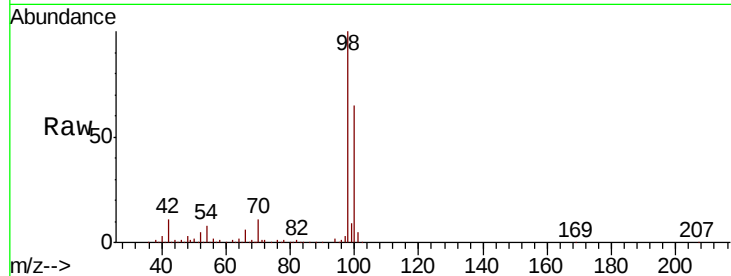
MMTW-02(10-12)

Tot Ion: 98 Resp: 169632

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.777 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006963.D

Acq: 20 Nov 2018 00:23

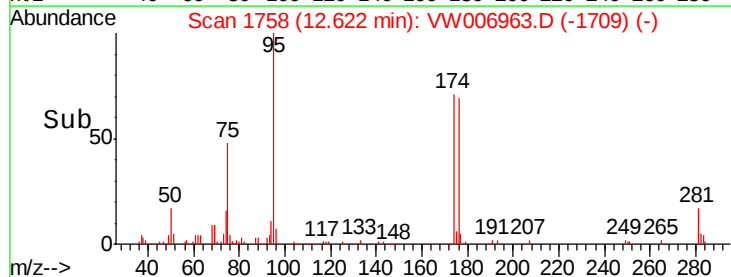
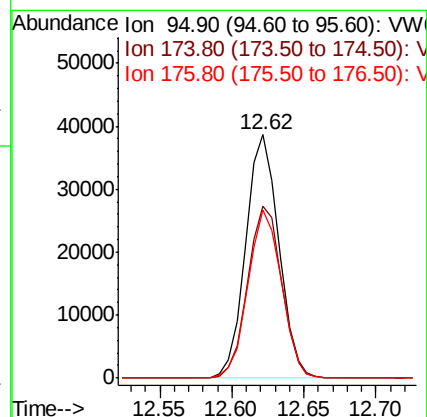
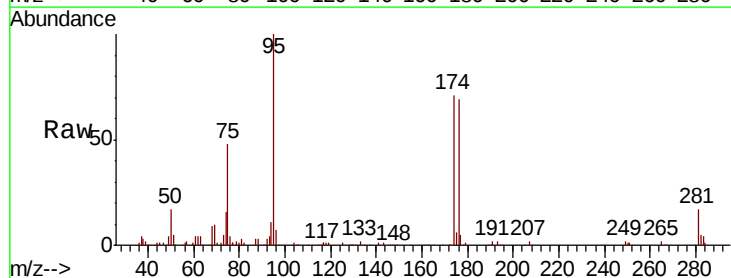
Tgt Ion: 95 Resp: 61370

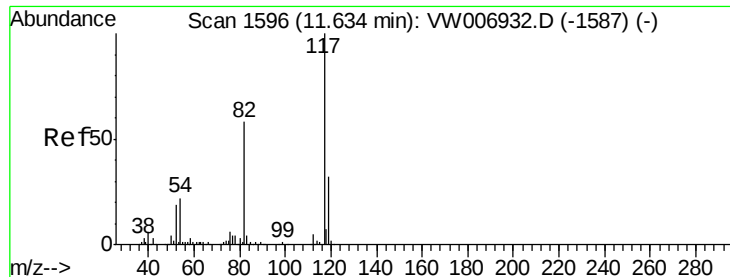
Ion Ratio Lower Upper

95 100

174 72.4 0.0 138.4

176 69.6 0.0 133.4

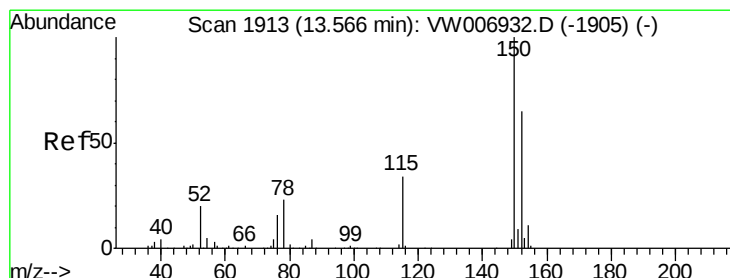
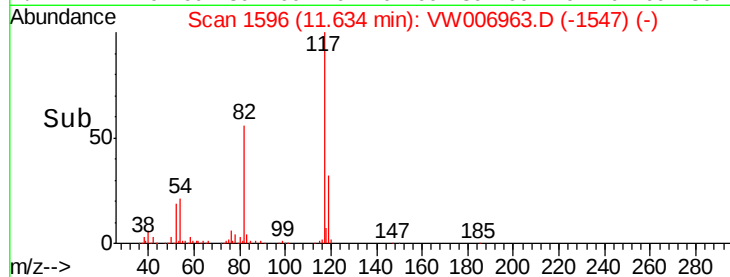
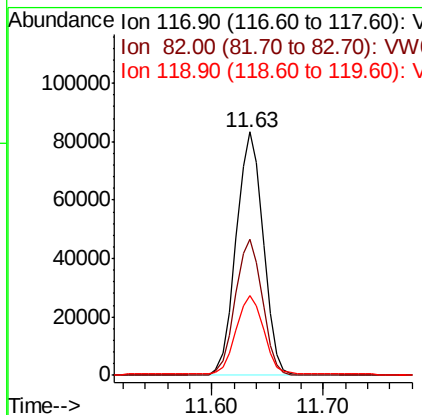
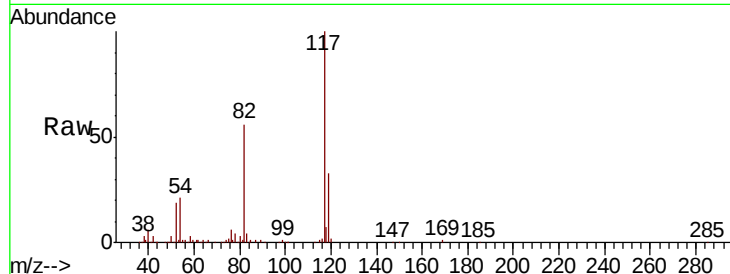




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006963.D
Acq: 20 Nov 2018 00:23

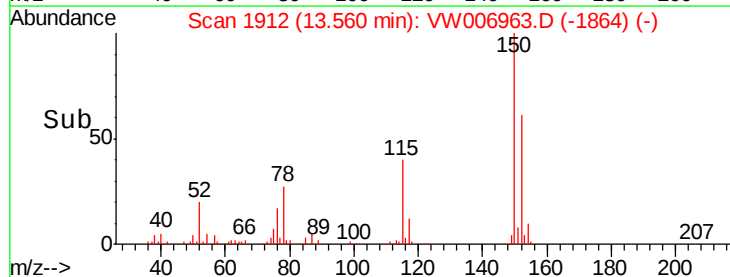
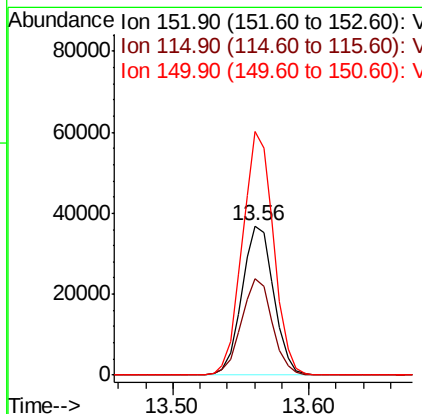
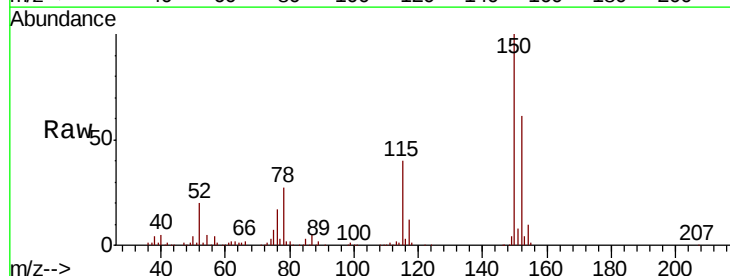
Instrument :
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MMTW-02(10-12)

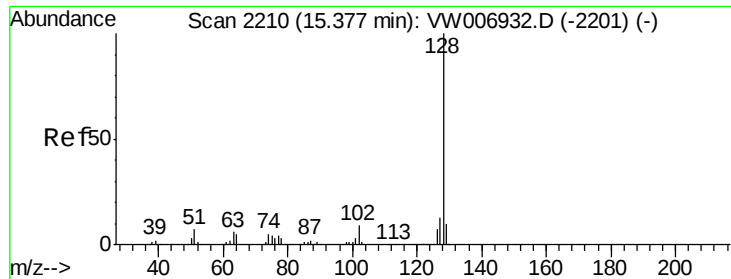
Tot Ion:117 Resp: 139685
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.2
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006963.D
Acq: 20 Nov 2018 00:23

Tgt Ion:152 Resp: 60041
Ion Ratio Lower Upper
152 100
115 63.2 31.6 94.7
150 159.7 0.0 350.0

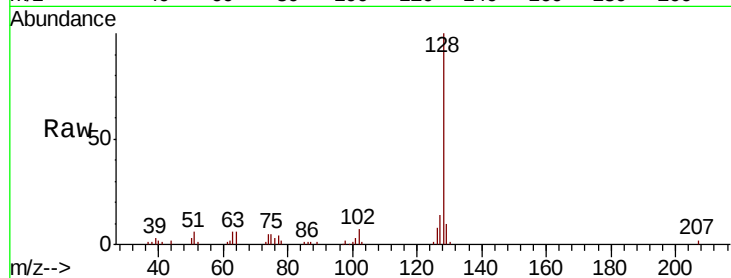




#95
Naphthalene
Concen: 9.666 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006963.D
Acq: 20 Nov 2018 00:23

Instrument :
MSVOA_W
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.5	12.7



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

