

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006954.D
 Acq On : 19 Nov 2018 20:34
 Operator : SY/AP
 Sample : J5981-01
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-01(6-10)

Quant Time: Nov 20 05:45:55 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

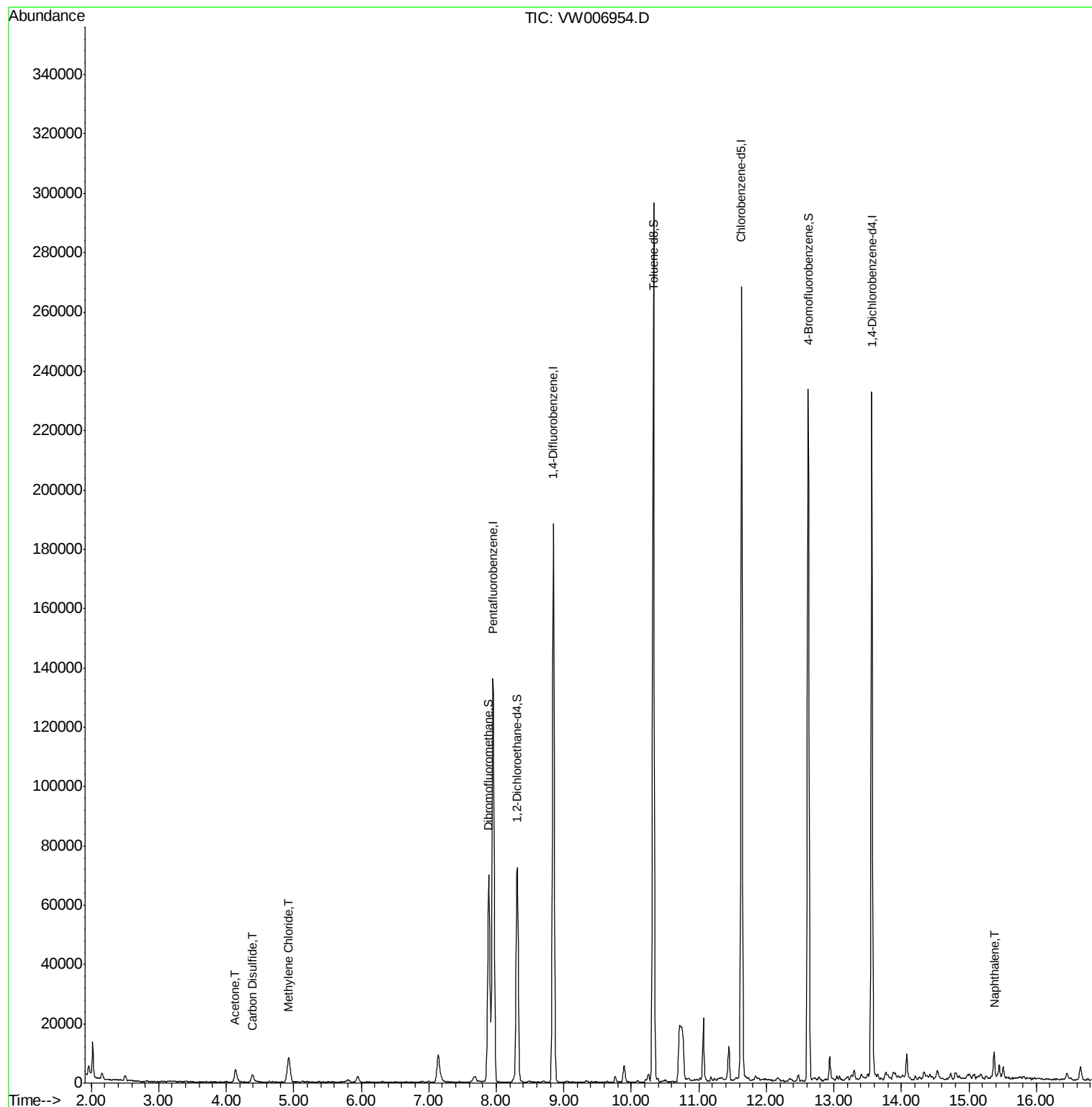
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	101219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	59497	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
35) Dibromofluoromethane	7.89	113	52770	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.33	98	204052	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.62	95	75315	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
16) Acetone	4.14	43	7566	43.850	ug/l #	88
17) Carbon Disulfide	4.39	76	4956	1.680	ug/l	96
20) Methylene Chloride	4.93	84	6854	2.567	ug/l	97
95) Naphthalene	15.38	128	8218	3.697	ug/l	99

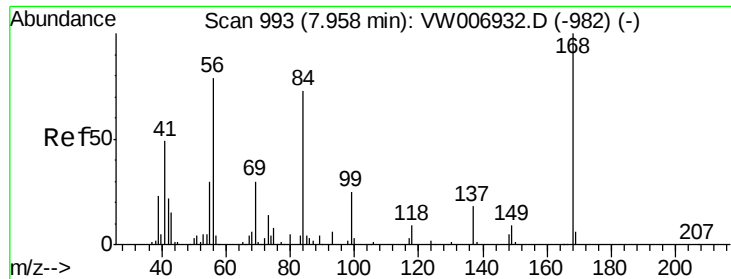
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

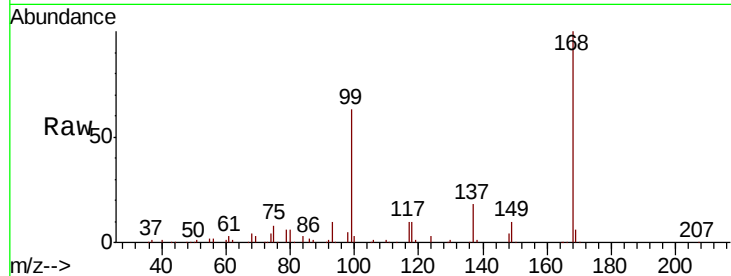
DTW-01(6-10)

Tot Ion:168 Resp: 101219

Ion Ratio Lower Upper

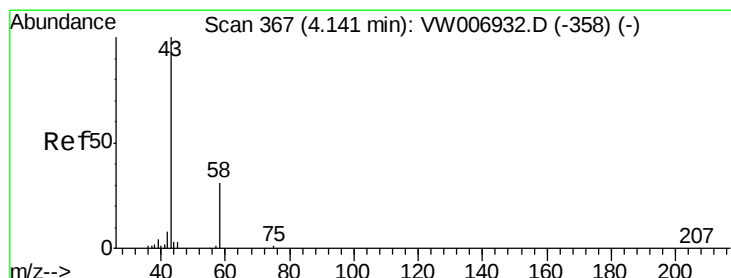
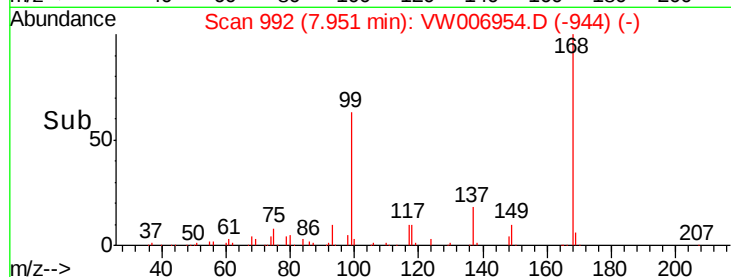
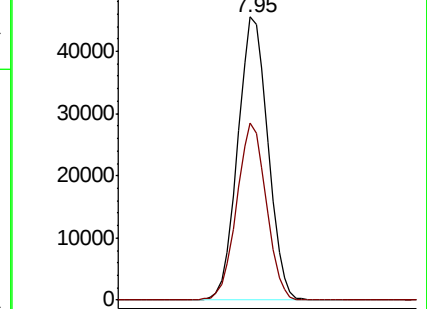
168 100

99 62.5 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: 43.850 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006954.D

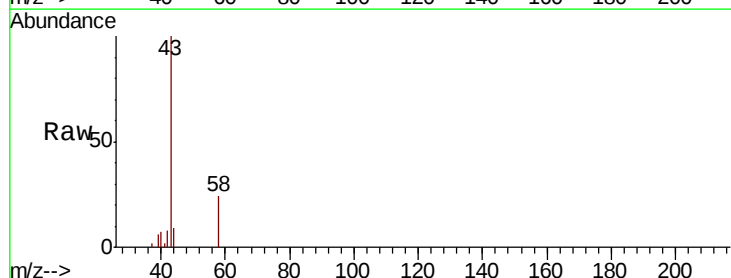
Acq: 19 Nov 2018 20:34

Tgt Ion: 43 Resp: 7566

Ion Ratio Lower Upper

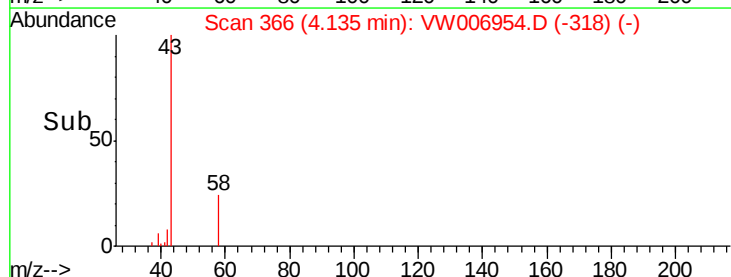
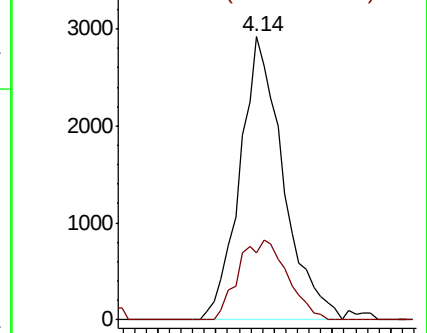
43 100

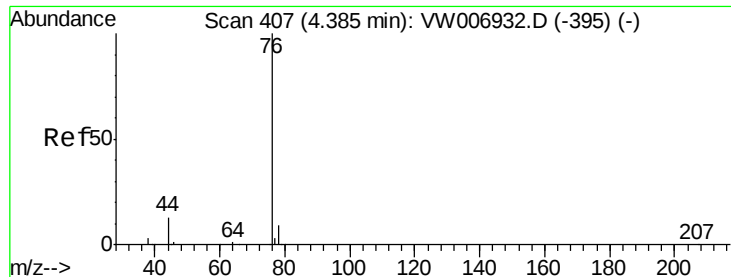
58 23.9 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.680 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

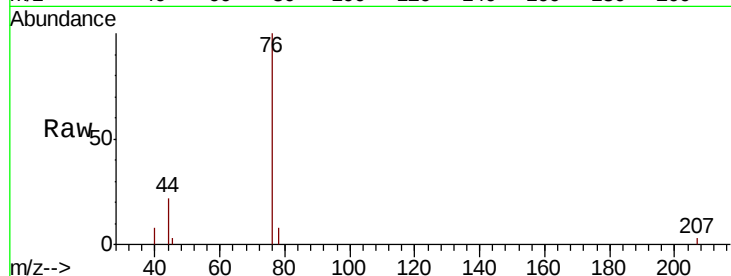
DTW-01(6-10)

Tot Ion: 76 Resp: 4956

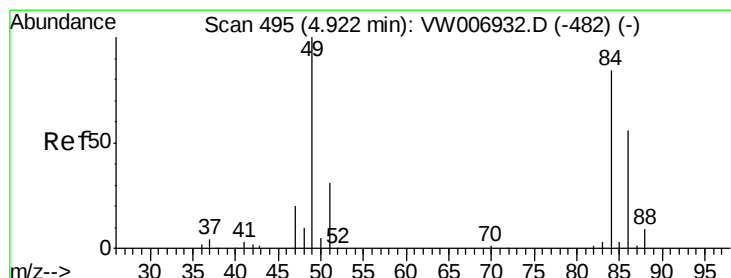
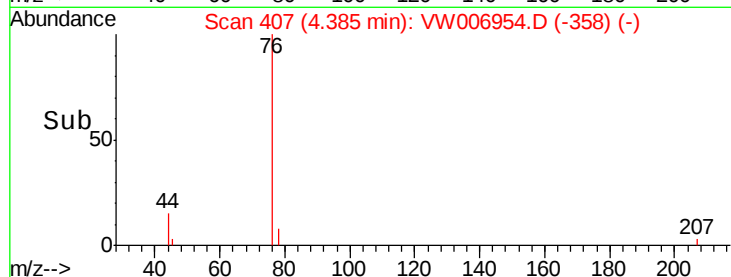
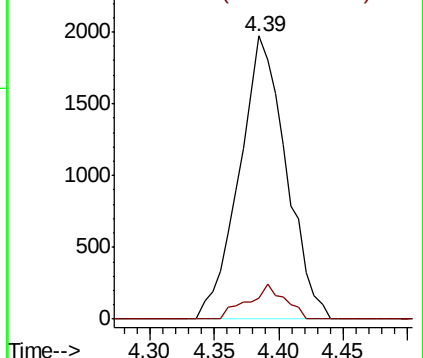
Ion Ratio Lower Upper

76 100

78 7.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.567 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Tgt Ion: 84 Resp: 6854

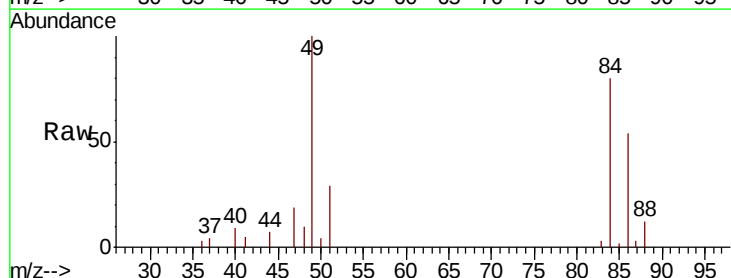
Ion Ratio Lower Upper

84 100

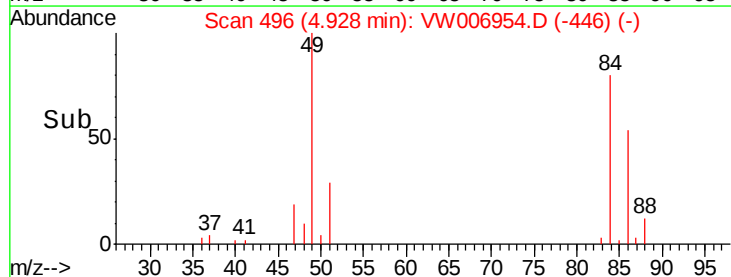
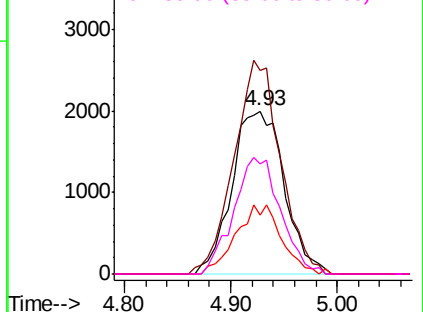
49 124.5 95.4 143.2

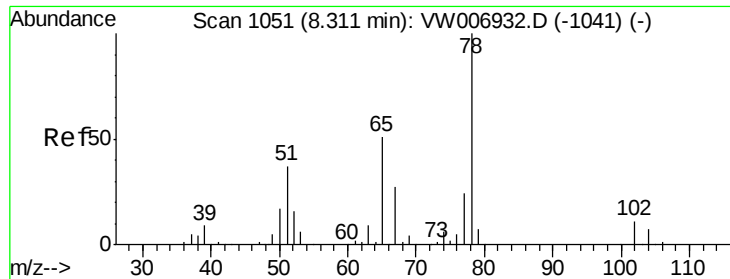
51 35.9 29.5 44.3

86 67.5 53.4 80.2



Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

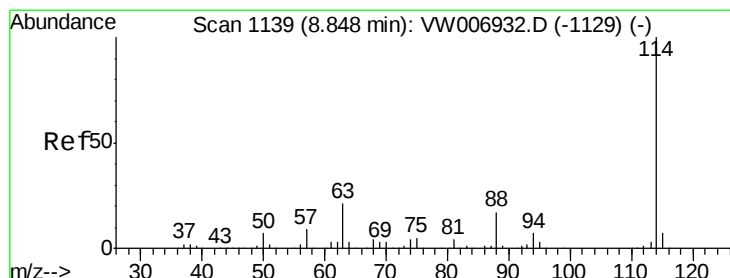
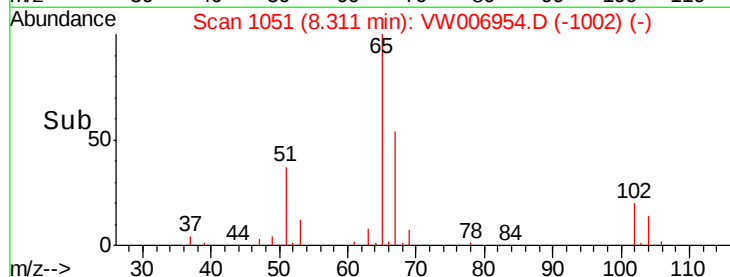
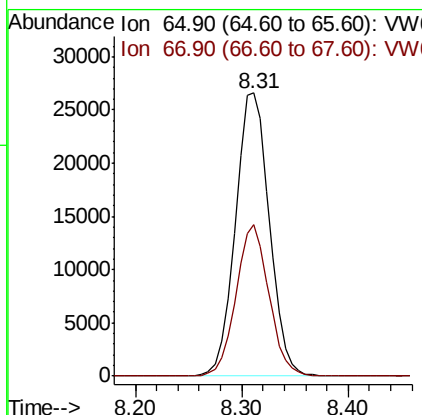
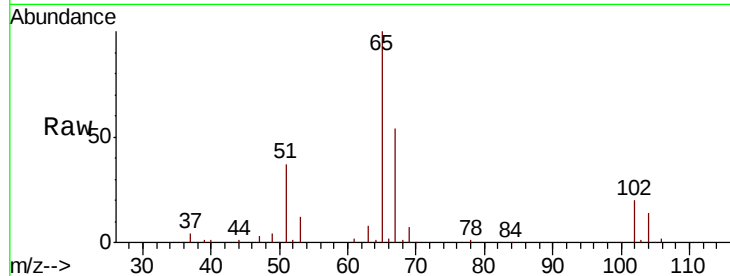




#33
 1,2-Dichloroethane-d4
 Concen: 52.744 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006954.D
 Acq: 19 Nov 2018 20:34

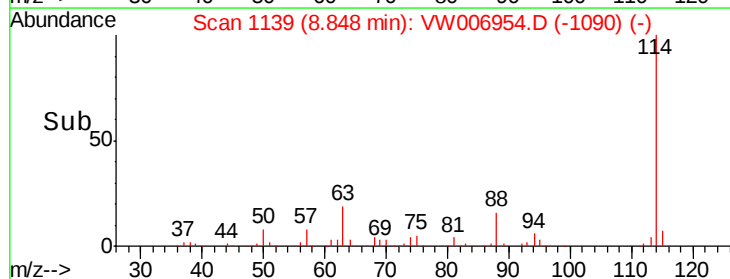
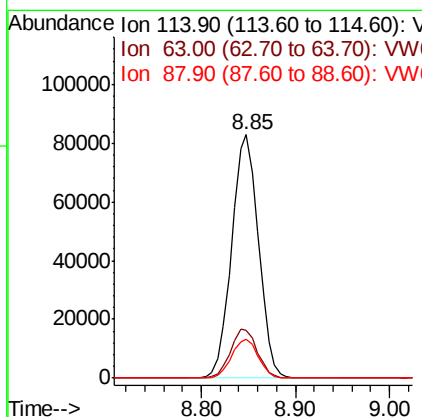
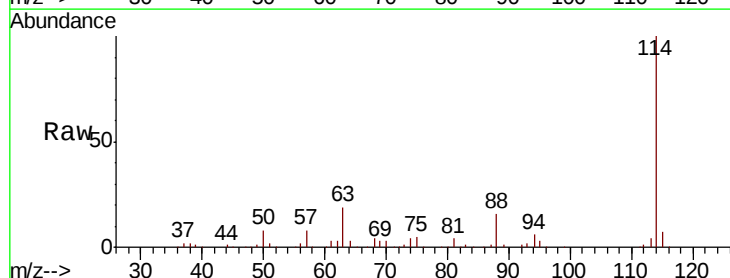
Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-01(6-10)

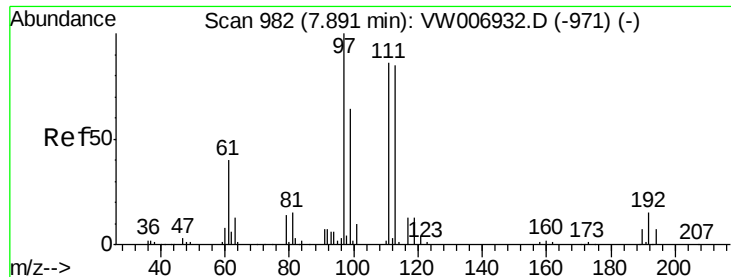
Tot Ion: 65 Resp: 59497
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006954.D
 Acq: 19 Nov 2018 20:34

Tgt Ion: 114 Resp: 164178
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.2
 88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.894 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006954.D

Acq: 19 Nov 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

DTW-01(6-10)

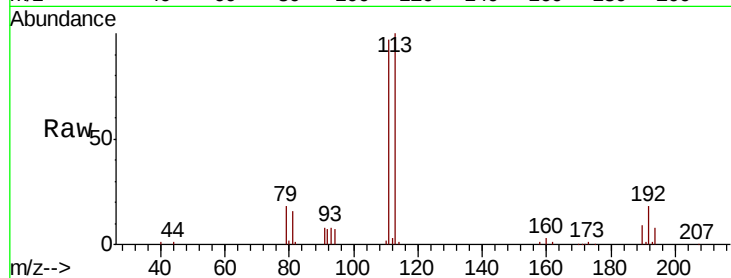
Tot Ion:113 Resp: 52770

Ion Ratio Lower Upper

113 100

111 100.2 81.7 122.5

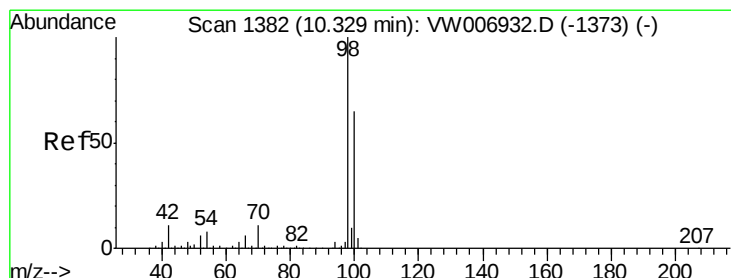
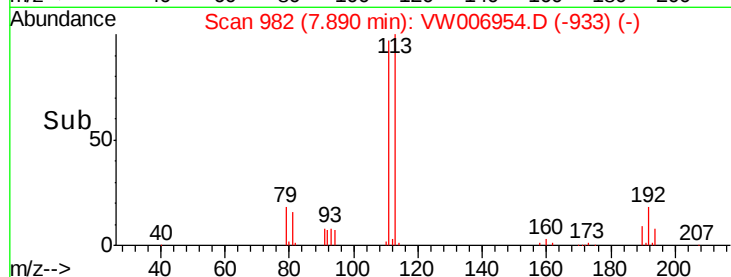
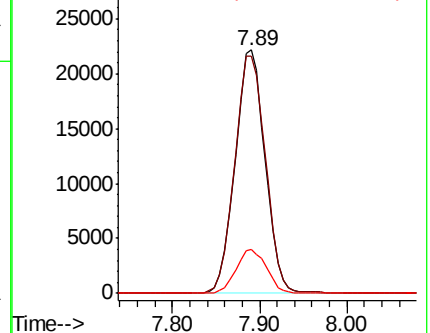
192 18.2 13.9 20.9



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: 49.394 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006954.D

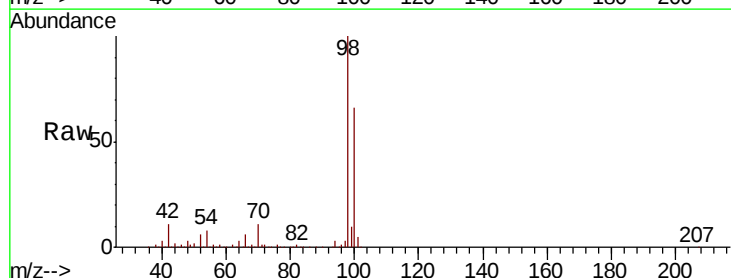
Acq: 19 Nov 2018 20:34

Tgt Ion: 98 Resp: 204052

Ion Ratio Lower Upper

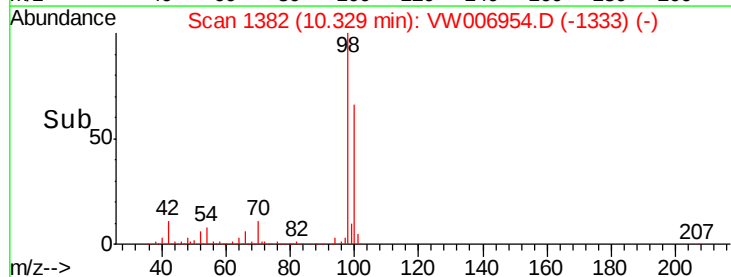
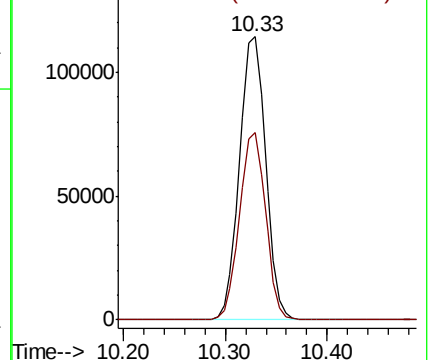
98 100

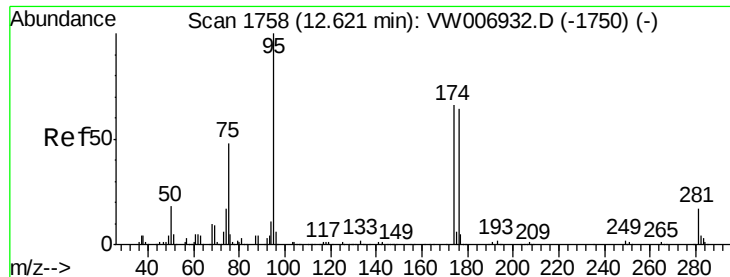
100 65.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

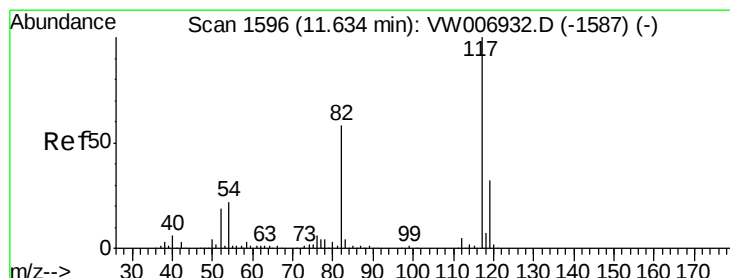
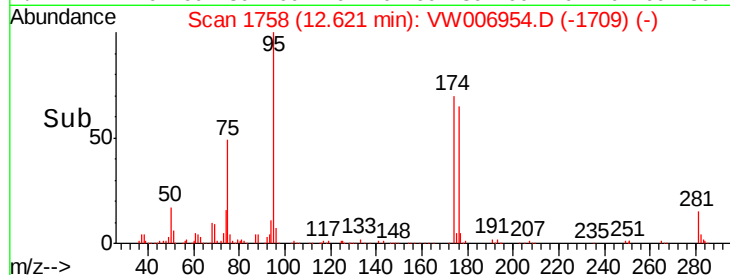
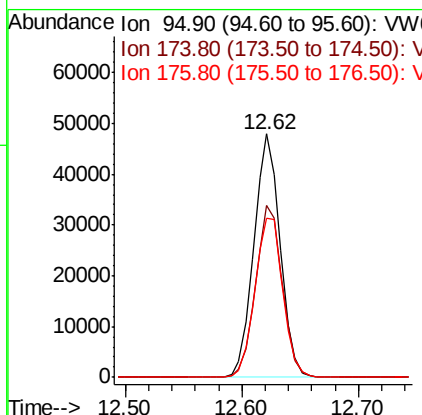
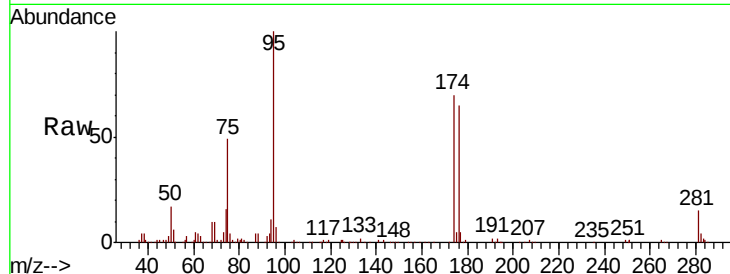




#62
4-Bromofluorobenzene
Concen: 46.755 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

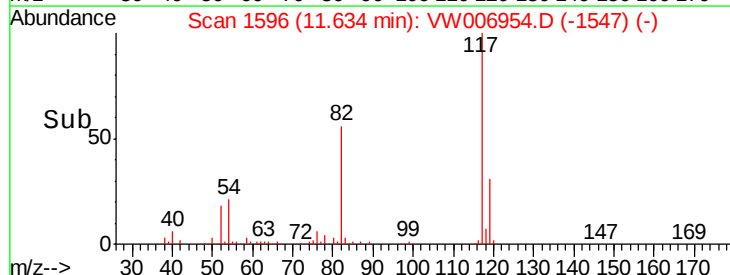
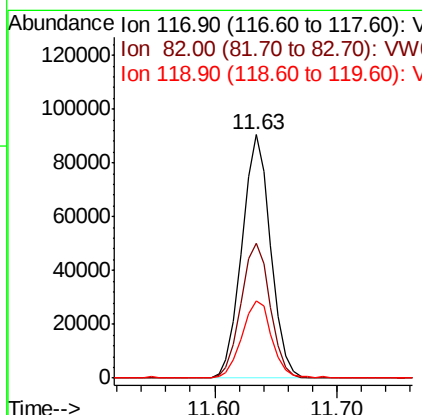
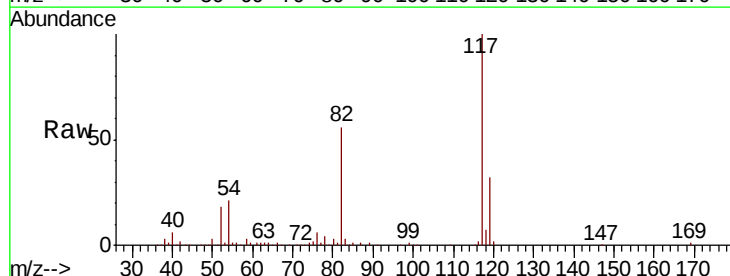
Instrument :
MSVOA_W
ClientSampleId :
DTW-01(6-10)

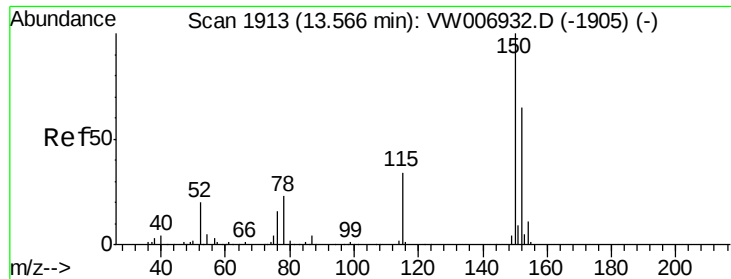
Tot Ion: 95 Resp: 75315
Ion Ratio Lower Upper
95 100
174 71.7 0.0 138.4
176 69.6 0.0 133.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

Tgt Ion: 117 Resp: 147134
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.2
119 31.3 25.5 38.3



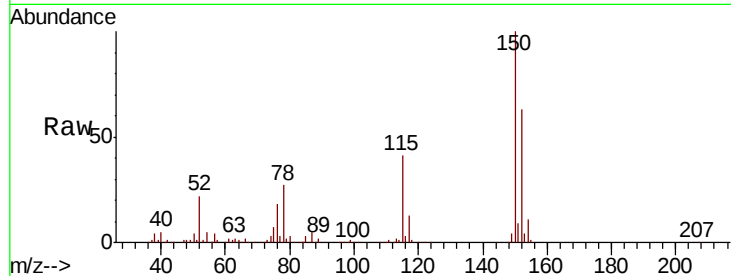


#72

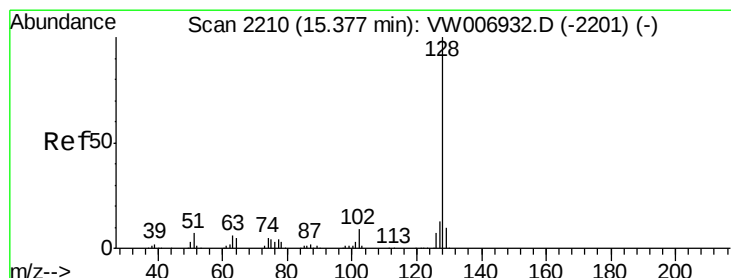
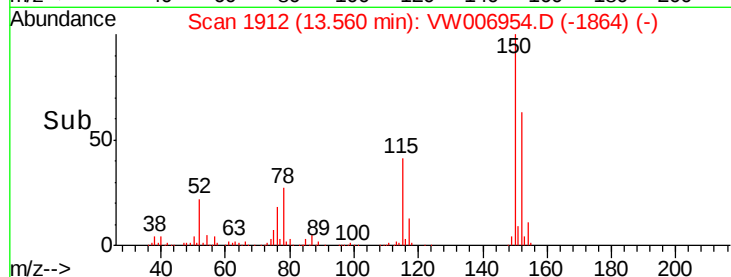
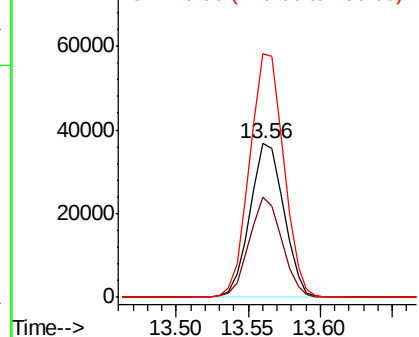
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
DTW-01(6-10)

Tot Ion:152 Resp: 59744
Ion Ratio Lower Upper
152 100
115 62.8 31.6 94.7
150 159.2 0.0 350.0



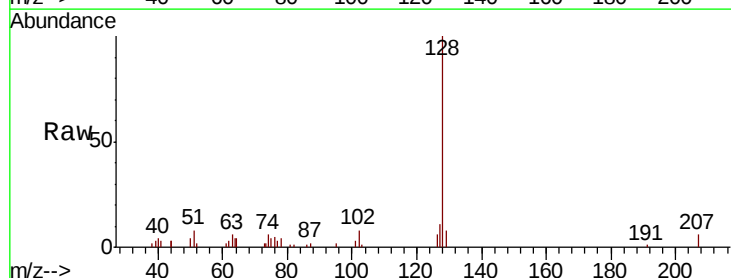
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 3.697 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006954.D
Acq: 19 Nov 2018 20:34

Tgt Ion:128 Resp: 8218
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.6 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

