

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW052119\
 Data File : VW010490.D
 Acq On : 21 May 2019 16:26
 Operator : SY/VA
 Sample : K2935-04RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PURGE-WATER-MUDRE

Quant Time: May 28 05:48:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

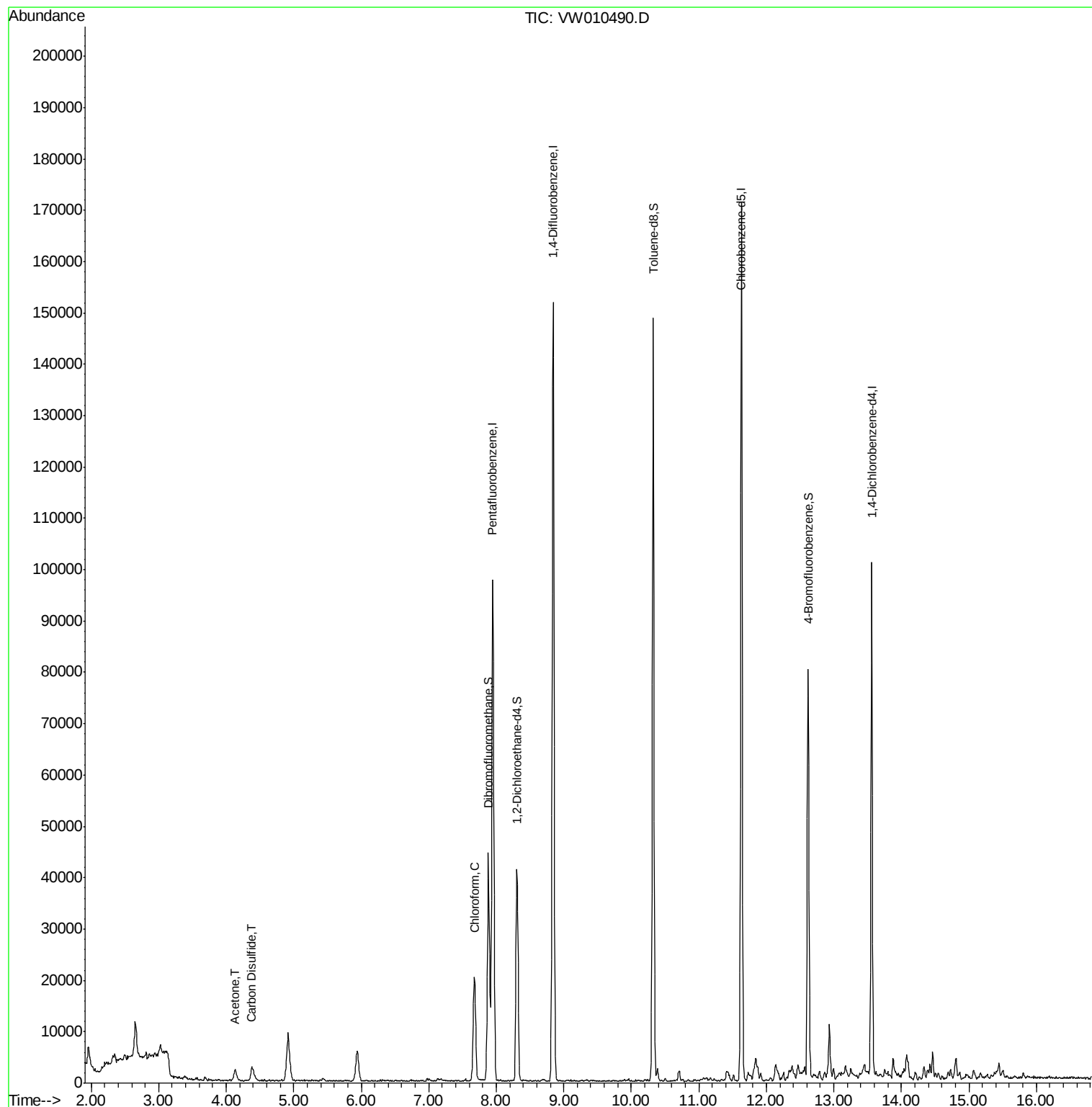
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	136842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	24927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32875	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
35) Dibromofluoromethane	7.88	113	32091	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
50) Toluene-d8	10.32	98	100110	31.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.12%	
62) 4-Bromofluorobenzene	12.62	95	28842	22.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.66%	
Target Compounds						
16) Acetone	4.14	43	4342	28.750	ug/l	92
17) Carbon Disulfide	4.38	76	3918	1.735	ug/l	95
30) Chloroform	7.68	83	19611	13.557	ug/l	92

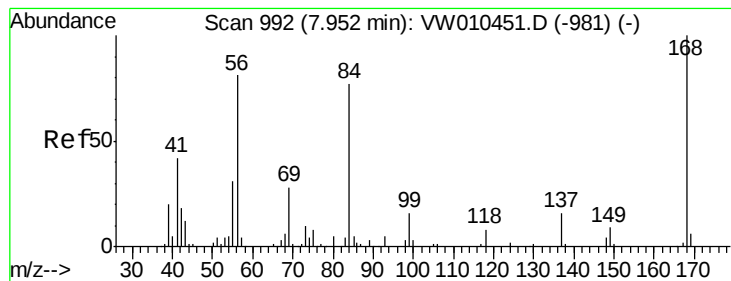
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:38:43 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010490.D

Acq: 21 May 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

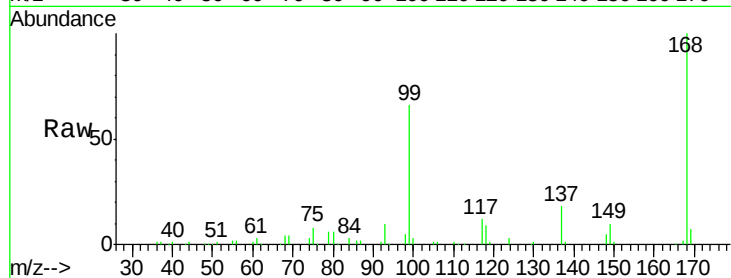
PURGE-WATER-MUDRE

Tot Ion:168 Resp: 71683

Ion Ratio Lower Upper

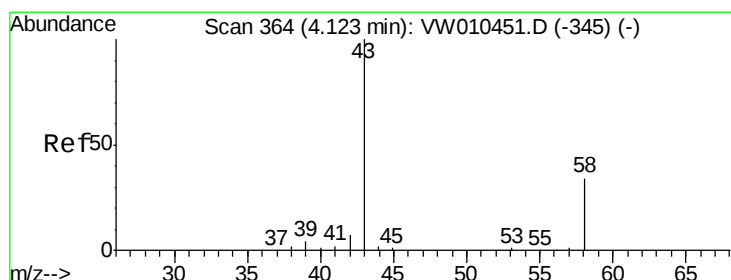
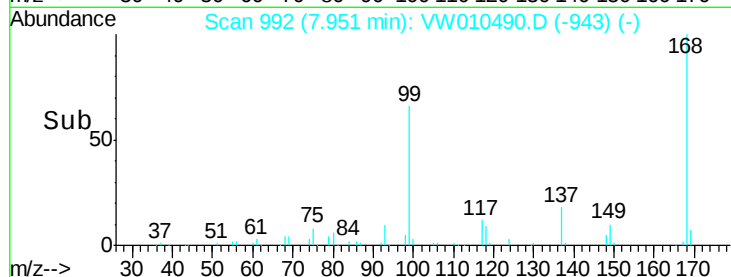
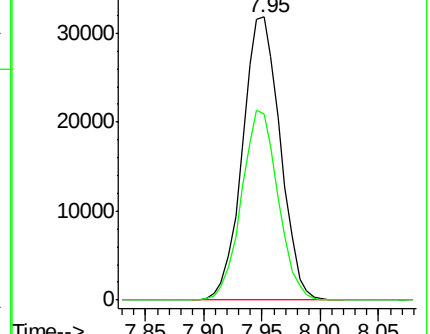
168 100

99 65.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 28.750 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010490.D

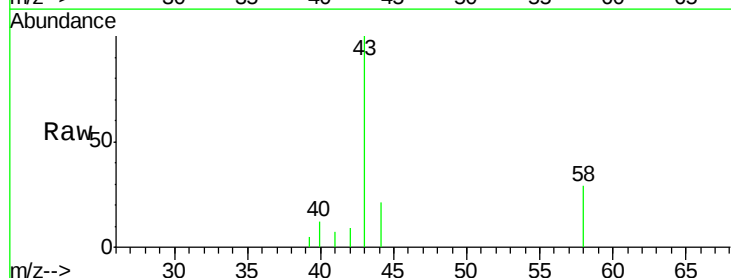
Acq: 21 May 2019 16:26

Tgt Ion: 43 Resp: 4342

Ion Ratio Lower Upper

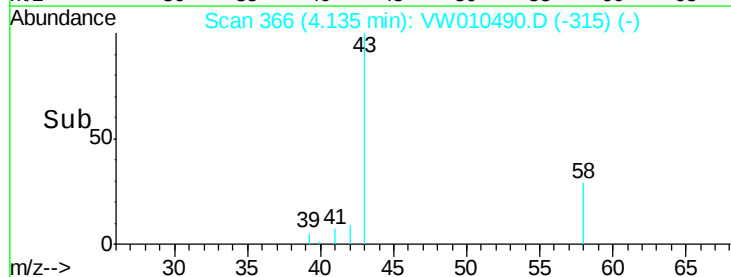
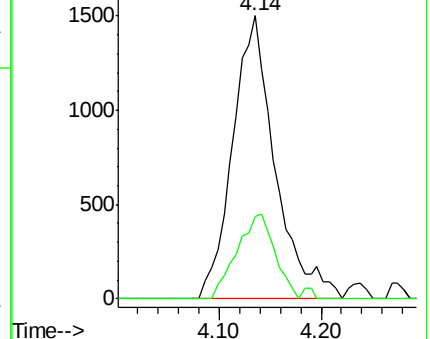
43 100

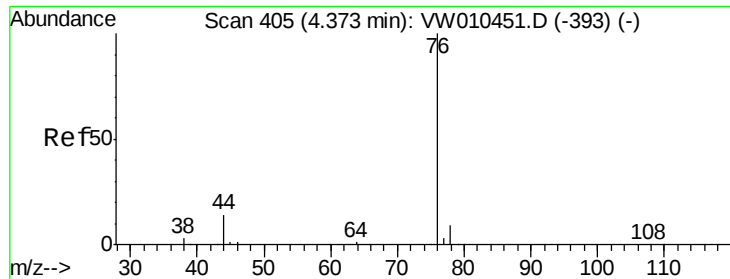
58 28.9 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

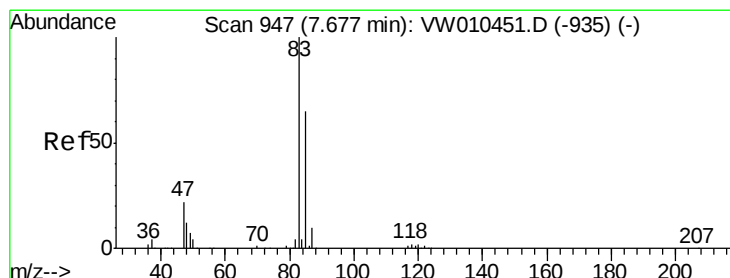
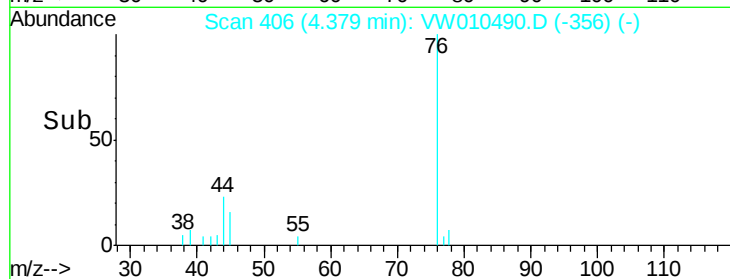
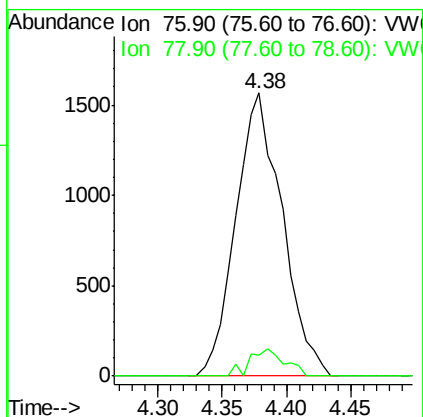
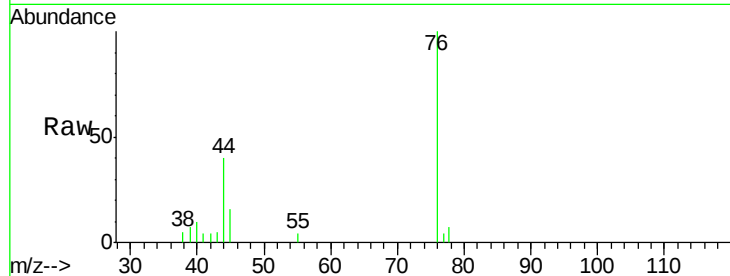




#17
Carbon Disulfide
Concen: 1.735 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010490.D
Acq: 21 May 2019 16:26

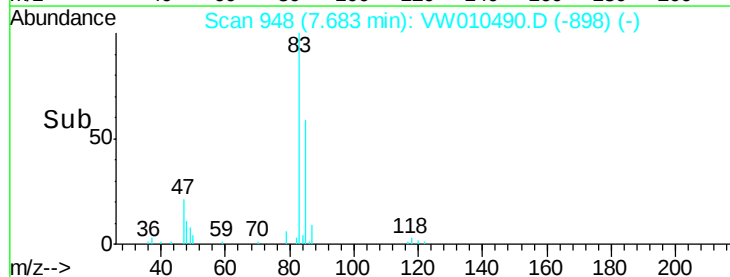
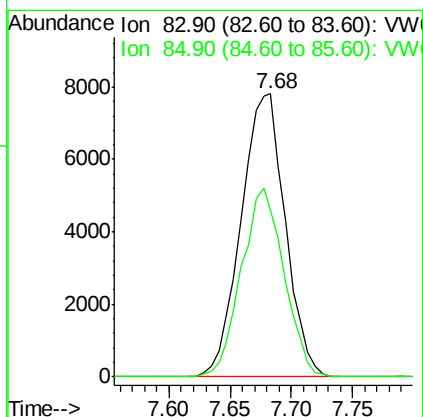
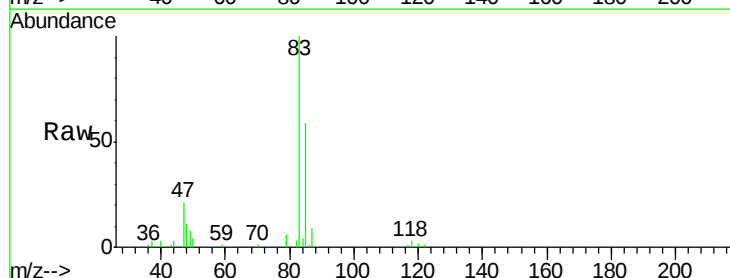
Instrument :
MSVOA_W
ClientSampleId :
PURGE-WATER-MUDRE

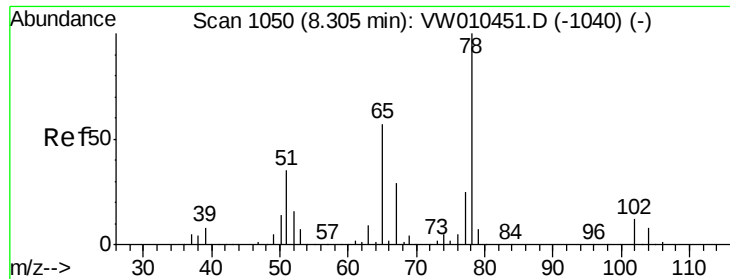
Tot Ion: 76 Resp: 3918
Ion Ratio Lower Upper
76 100
78 7.2 7.1 10.7



#30
Chloroform
Concen: 13.557 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW010490.D
Acq: 21 May 2019 16:26

Tgt Ion: 83 Resp: 19611
Ion Ratio Lower Upper
83 100
85 58.9 52.2 78.4

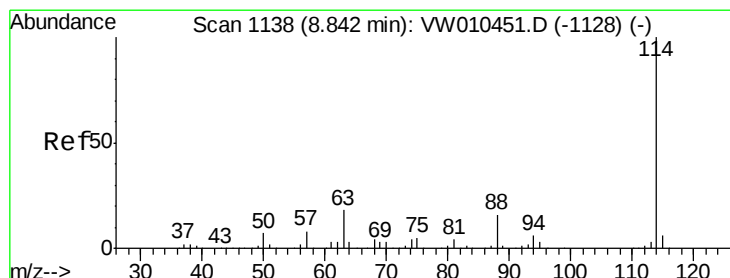
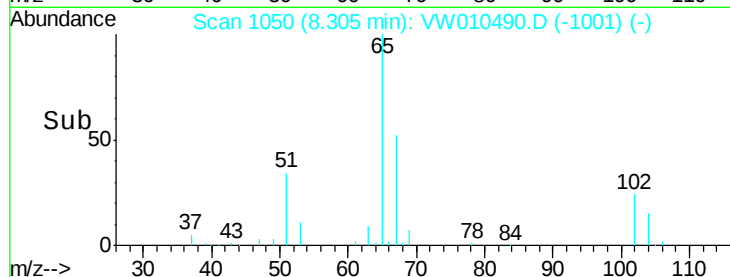
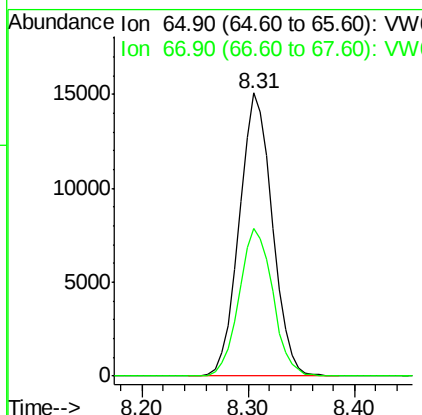
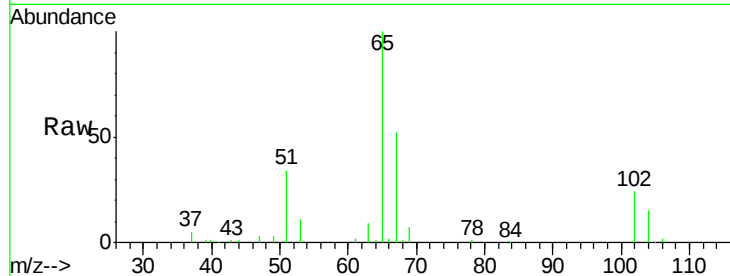




#33
 1,2-Dichloroethane-d4
 Concen: 44.432 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010490.D
 Acq: 21 May 2019 16:26

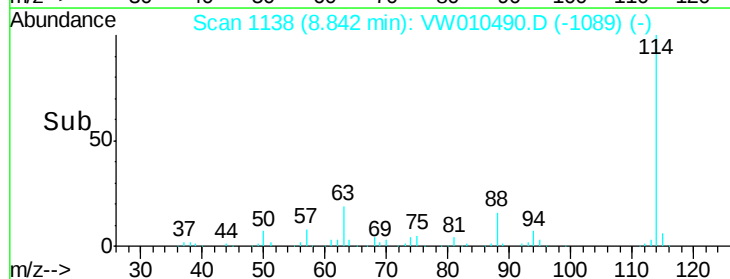
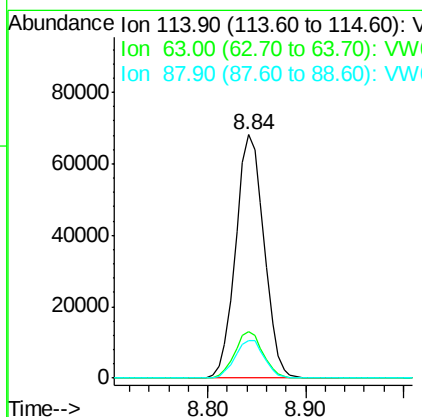
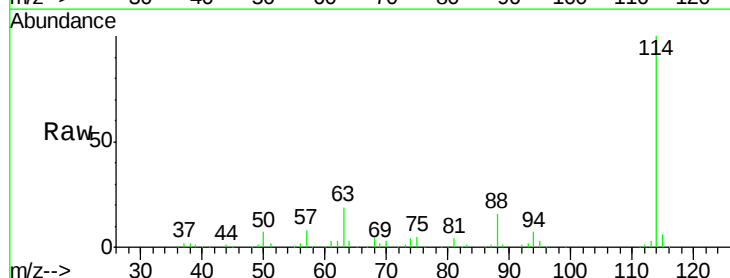
Instrument :
 MSVOA_W
 ClientSampleId :
 PURGE-WATER-MUDRE

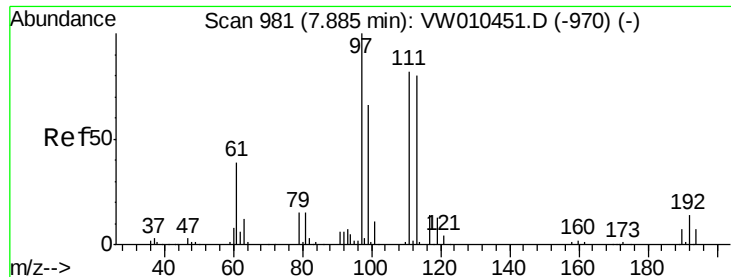
Tot Ion: 65 Resp: 32875
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010490.D
 Acq: 21 May 2019 16:26

Tgt Ion: 114 Resp: 136842
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.0
 88 15.6 0.0 32.0

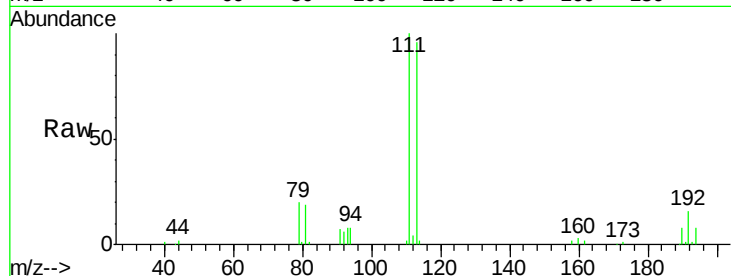




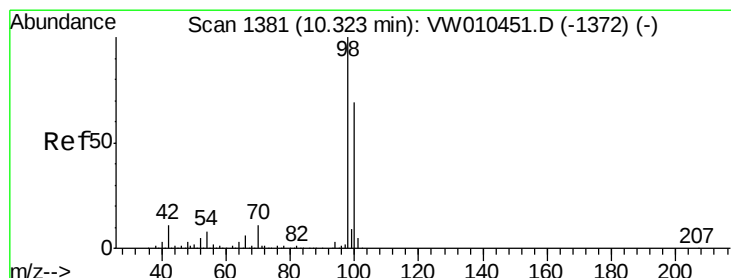
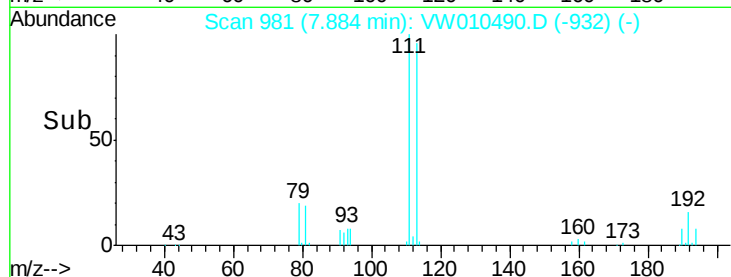
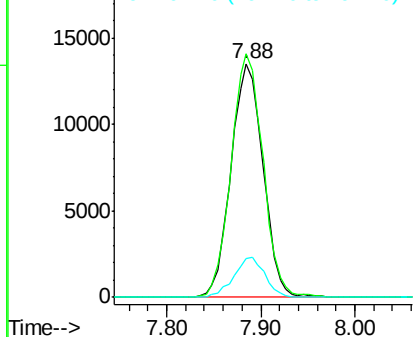
#35
Dibromofluoromethane
Concen: 38.648 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010490.D
Acq: 21 May 2019 16:26

Instrument :
MSVOA_W
ClientSampleId :
PURGE-WATER-MUDRE

Tot Ion:113 Resp: 32091
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 16.5 14.3 21.5

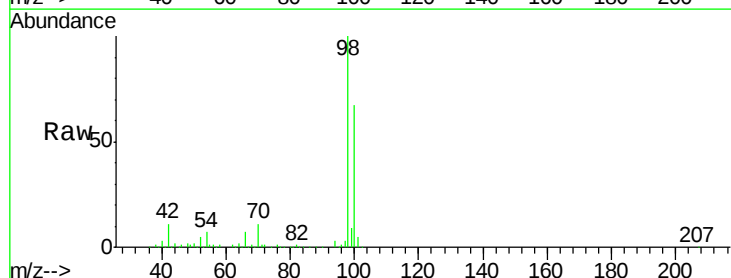


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

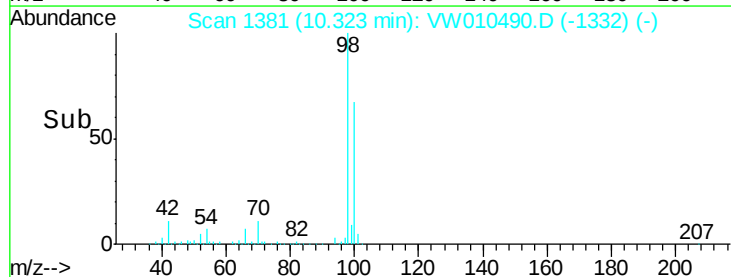
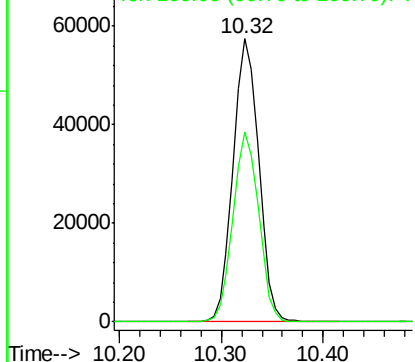


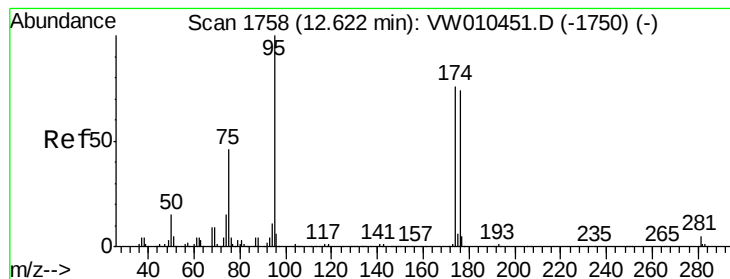
#50
Toluene-d8
Concen: 31.560 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010490.D
Acq: 21 May 2019 16:26

Tgt Ion: 98 Resp: 100110
Ion Ratio Lower Upper
98 100
100 66.9 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 22.827 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010490.D

Acq: 21 May 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

PURGE-WATER-MUDRE

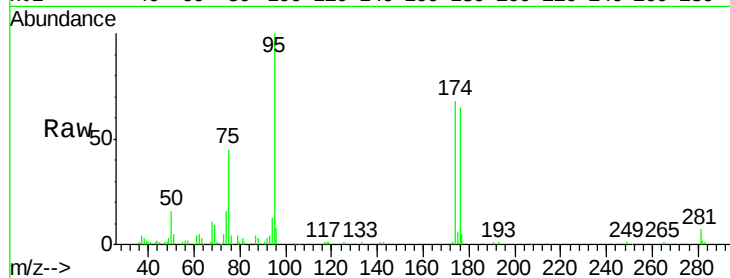
Tot Ion: 95 Resp: 28842

Ion Ratio Lower Upper

95 100

174 67.0 0.0 148.6

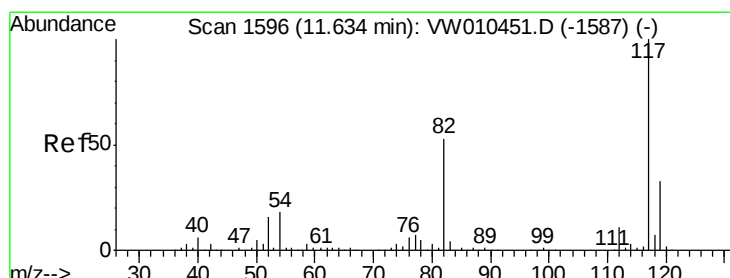
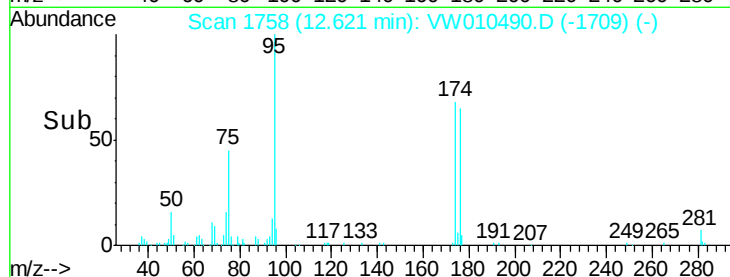
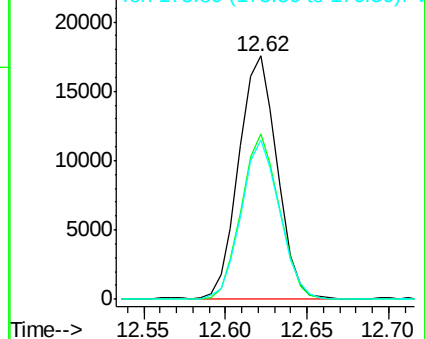
176 65.2 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010490.D

Acq: 21 May 2019 16:26

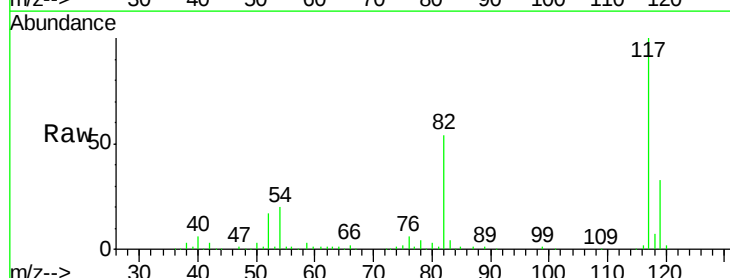
Tgt Ion: 117 Resp: 98636

Ion Ratio Lower Upper

117 100

82 54.4 42.8 64.2

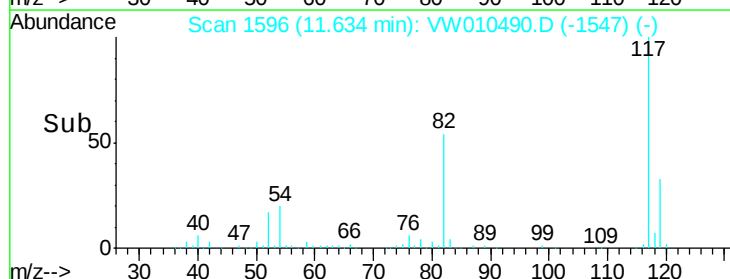
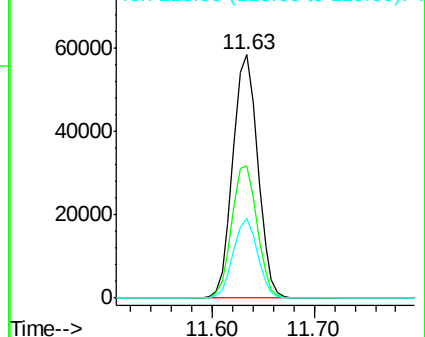
119 32.7 26.3 39.5

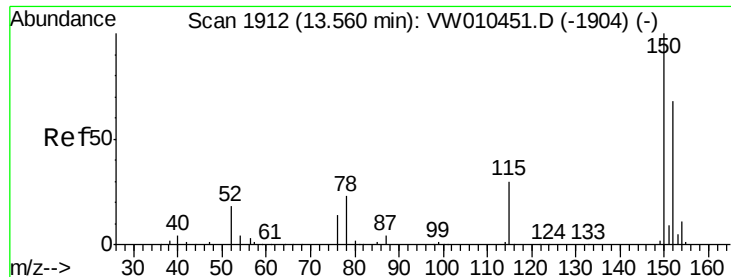


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010490.D

Acq: 21 May 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

PURGE-WATER-MUDRE

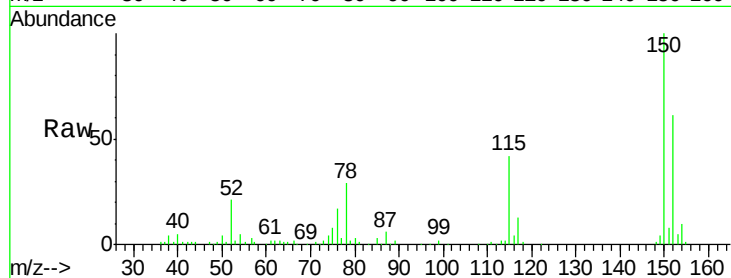
Tot Ion:152 Resp: 24927

Ion Ratio Lower Upper

152 100

115 65.1 30.3 91.0

150 160.9 0.0 349.8



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

