

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003980.D
 Acq On : 17 Jul 2018 13:08
 Operator : VA/AP
 Sample : J3958-07RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-CONCRETERE

Quant Time: Jul 17 14:09:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	176060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	139739	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131710	66.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.86%	
35) Dibromofluoromethane	7.95	113	331	0.17	ug/l	0.07
Spiked Amount	50.000		Recovery	=	0.34%	
50) Toluene-d8	10.33	98	381371	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.63	95	130661	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	

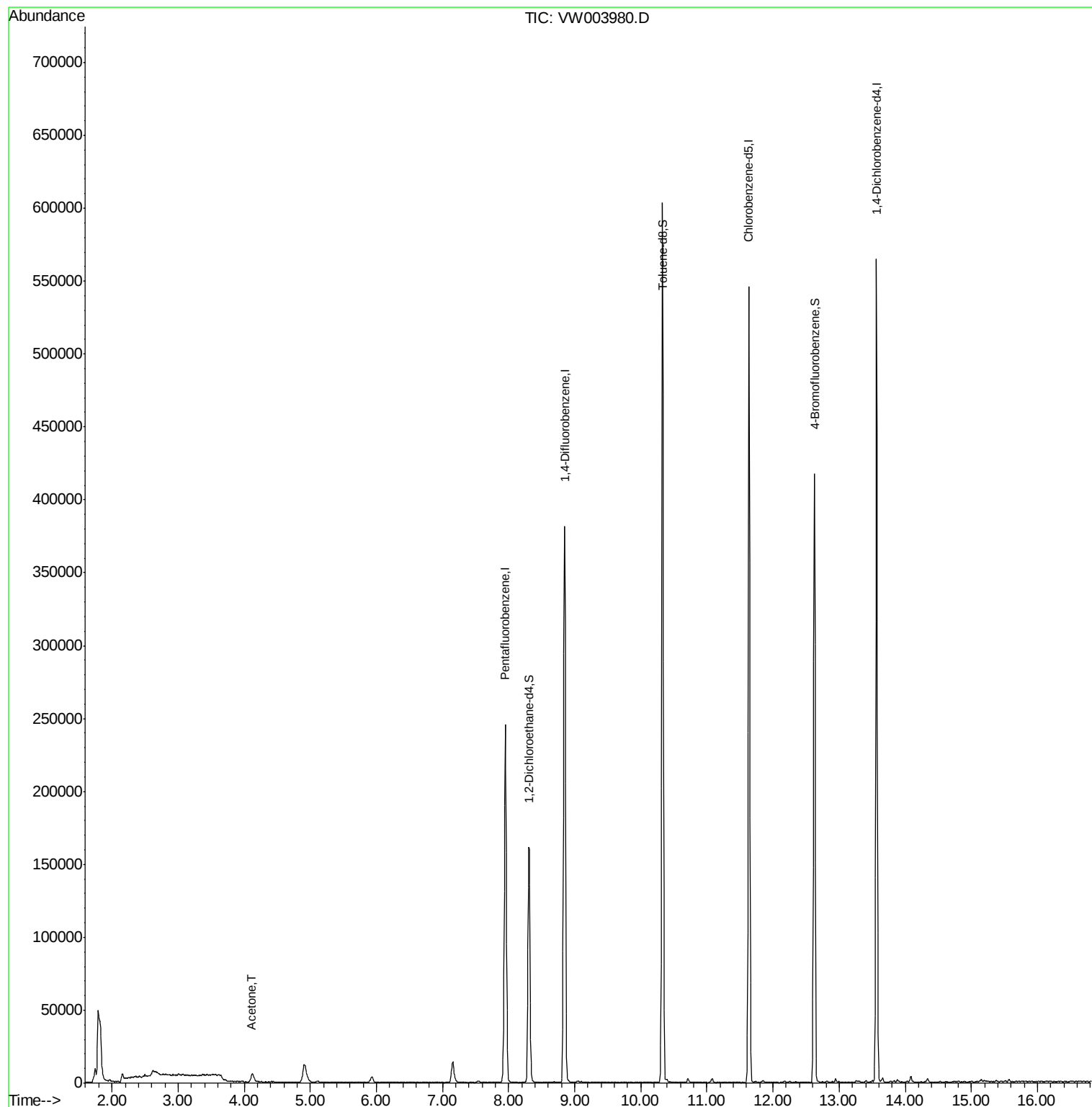
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	11023	23.31	ug/l	99

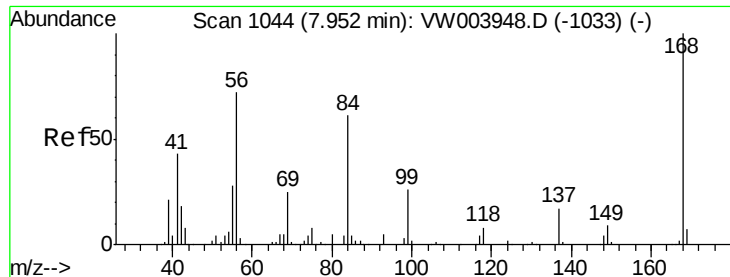
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

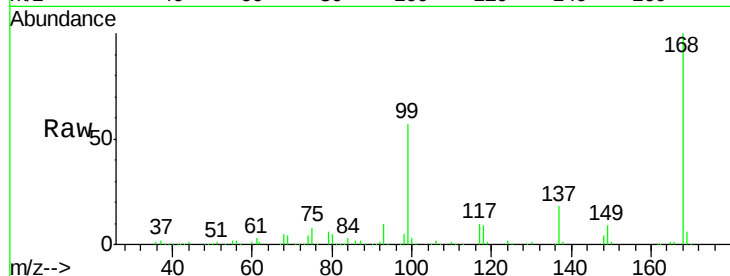
CS-CONCRETE

Tot Ion:168 Resp: 176060

Ion Ratio Lower Upper

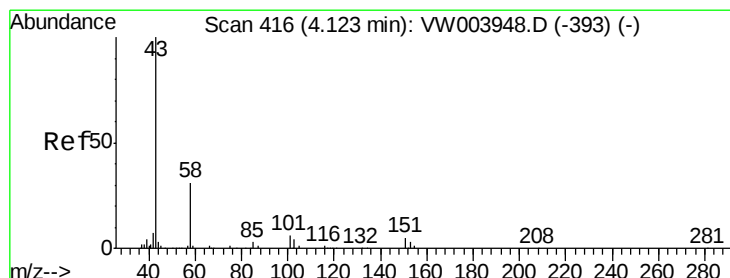
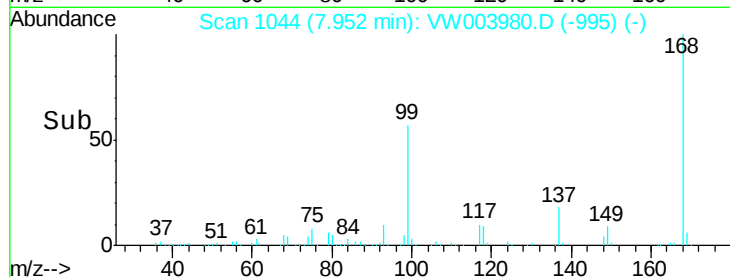
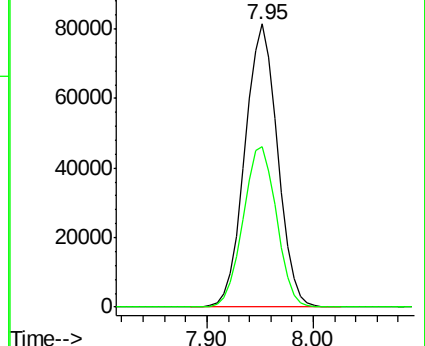
168 100

99 56.9 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: 23.31 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW003980.D

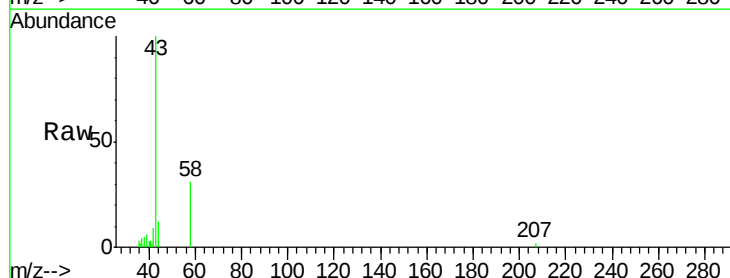
Acq: 17 Jul 2018 13:08

Tgt Ion: 43 Resp: 11023

Ion Ratio Lower Upper

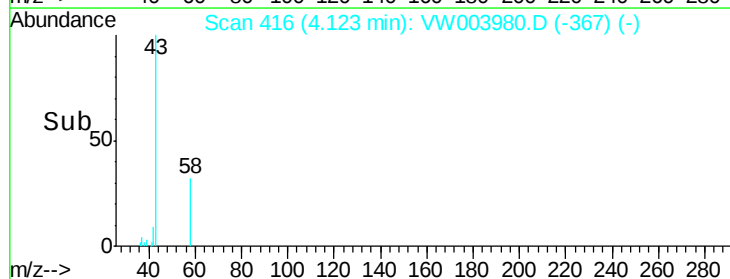
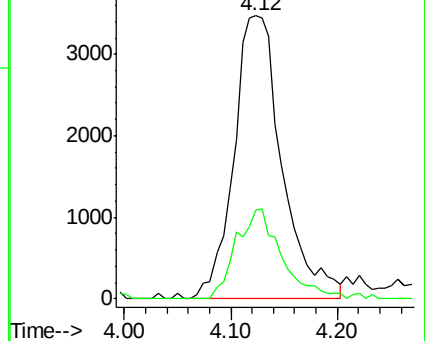
43 100

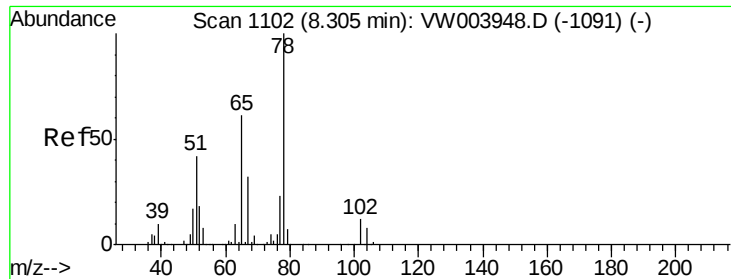
58 31.4 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 66.93 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

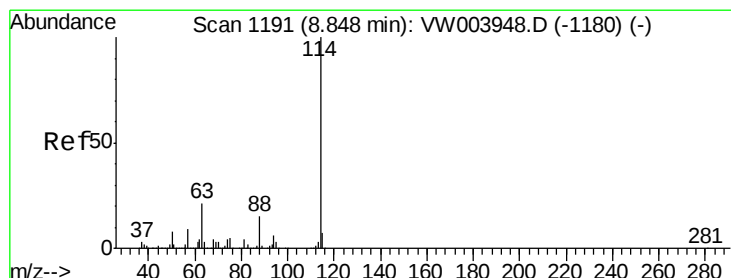
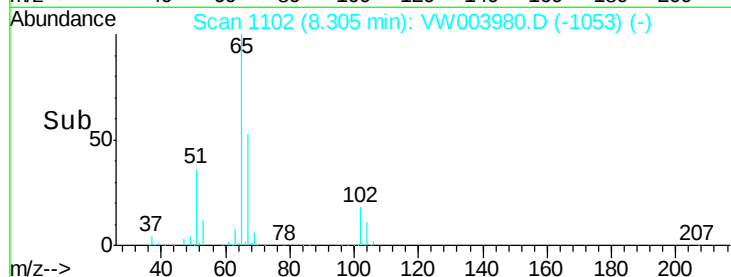
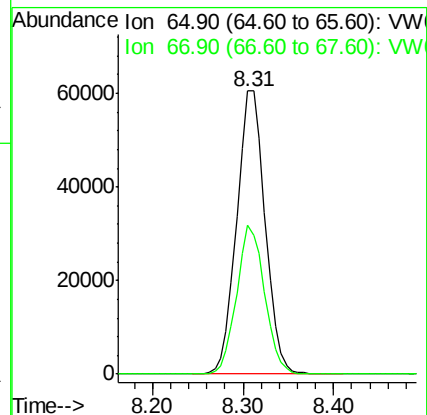
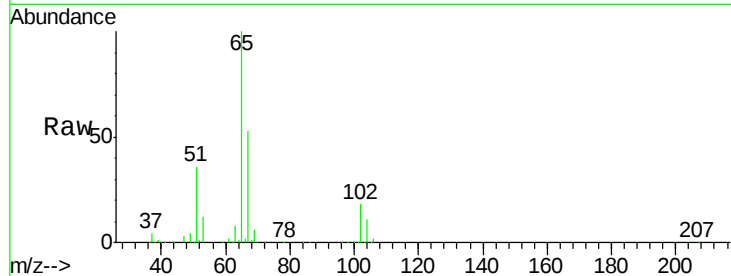
CS-CONCRETE

Tot Ion: 65 Resp: 131710

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: VW003980.D

Acq: 17 Jul 2018 13:08

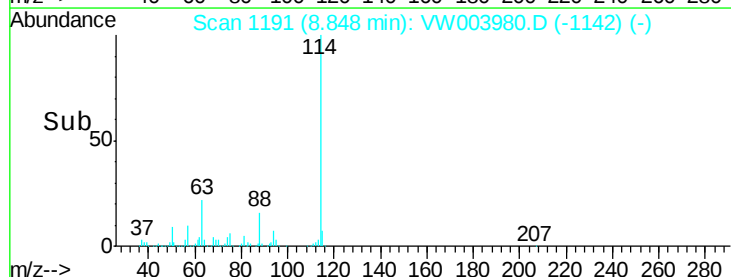
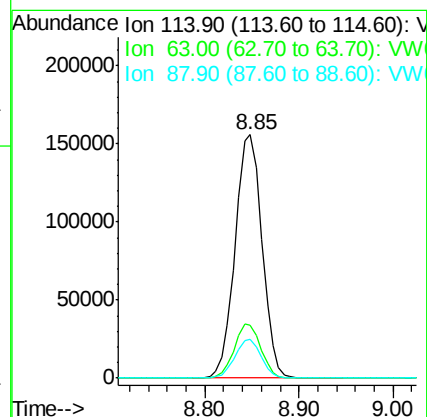
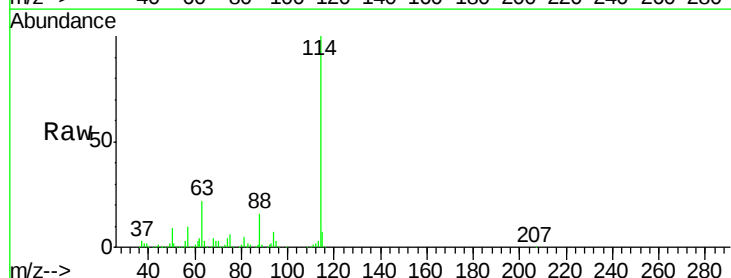
Tgt Ion: 114 Resp: 310236

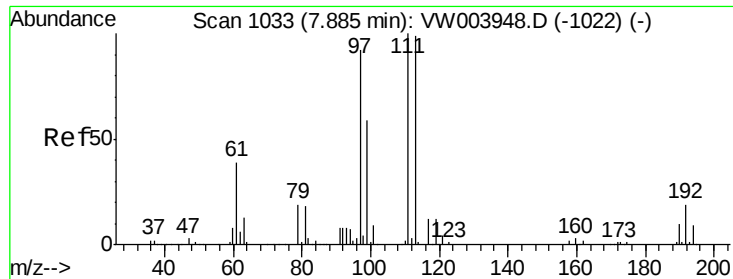
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.8

88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 0.17 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.07 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

CS-CONCRETE

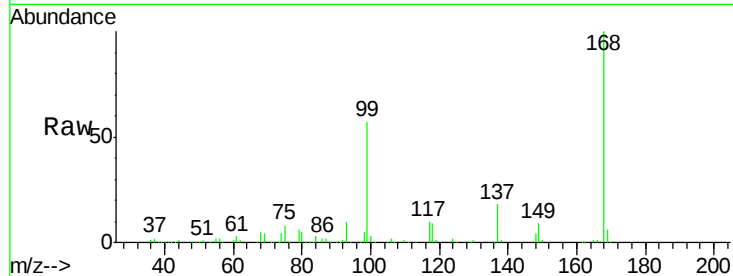
Tot Ion:113 Resp: 331

Ion Ratio Lower Upper

113 100

111 142.9 81.3 121.9#

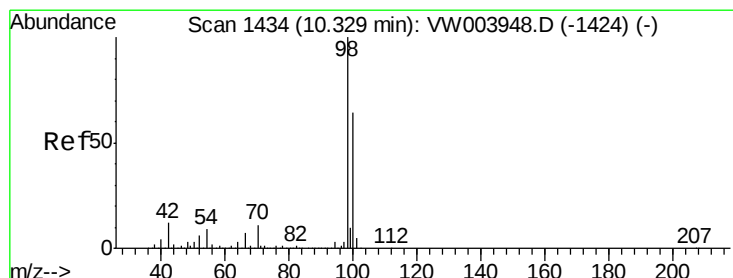
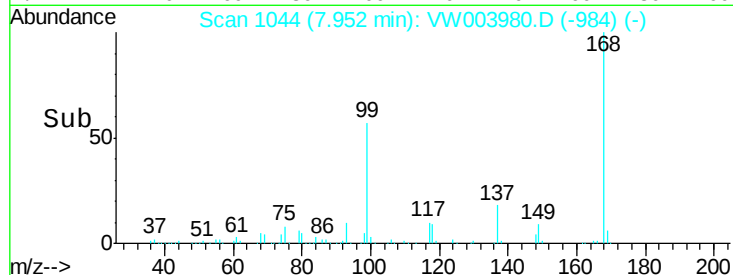
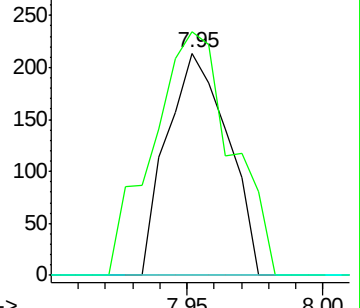
192 0.0 15.8 23.6#



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: 49.38 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003980.D

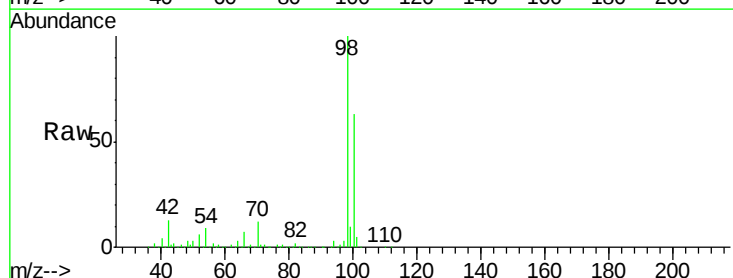
Acq: 17 Jul 2018 13:08

Tgt Ion: 98 Resp: 381371

Ion Ratio Lower Upper

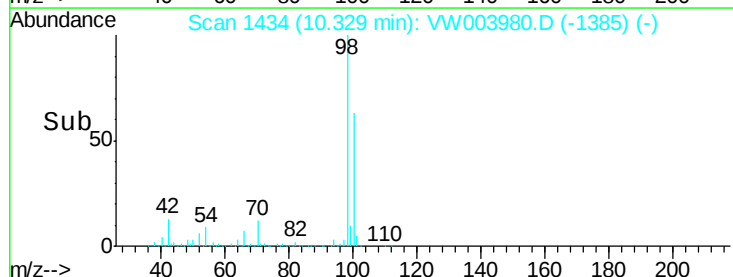
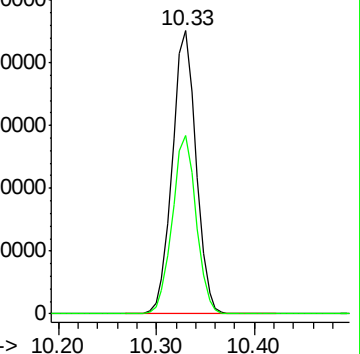
98 100

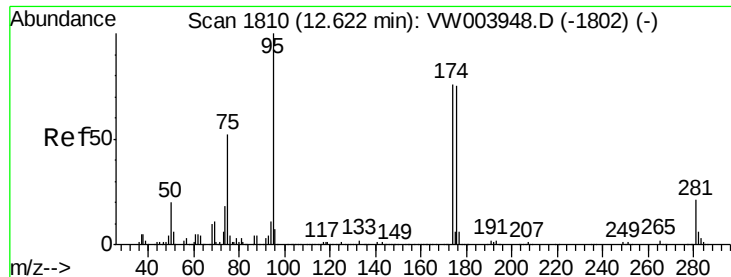
100 63.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

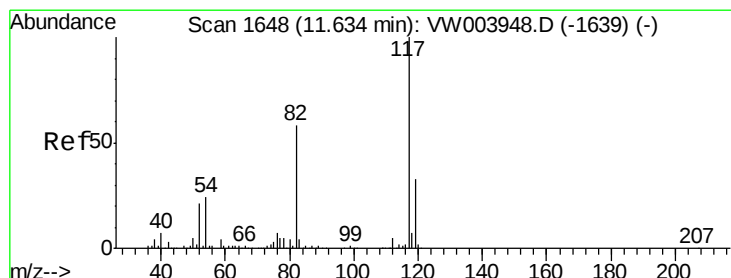
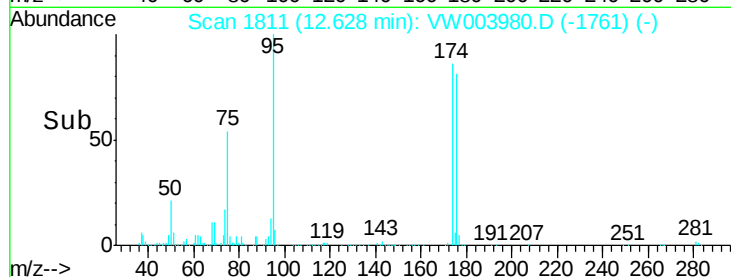
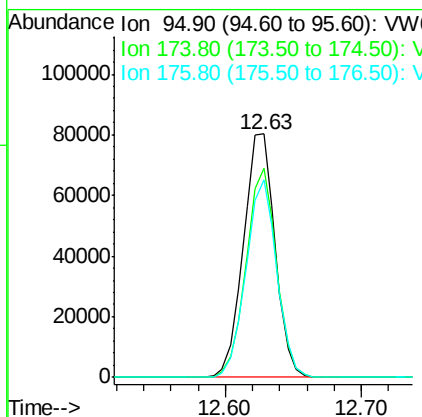
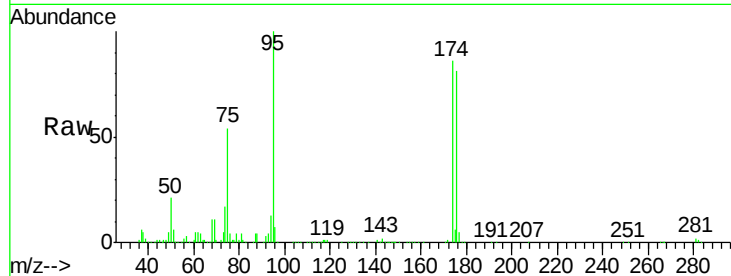




#62
4-Bromofluorobenzene
Concen: 46.91 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003980.D
Acq: 17 Jul 2018 13:08

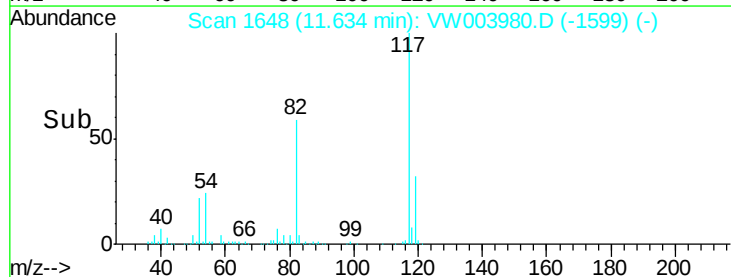
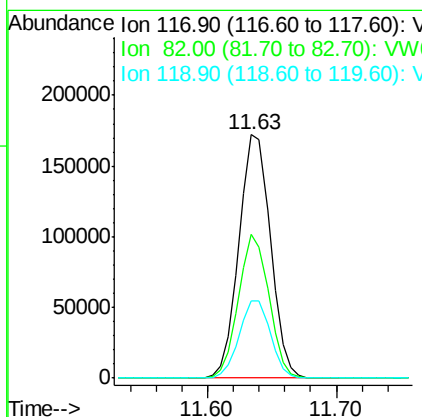
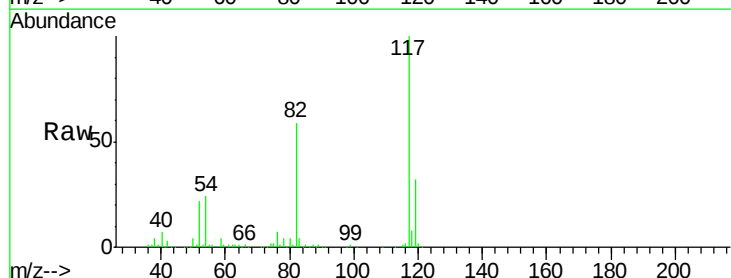
Instrument :
MSVOA_W
ClientSampleId :
CS-CONCRETE

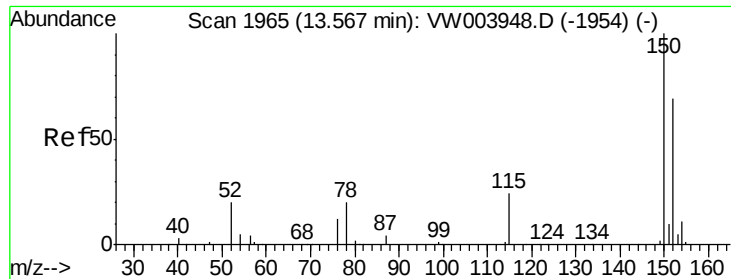
Tot Ion: 95 Resp: 130661
Ion Ratio Lower Upper
95 100
174 82.9 0.0 160.2
176 78.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003980.D
Acq: 17 Jul 2018 13:08

Tgt Ion: 117 Resp: 292699
Ion Ratio Lower Upper
117 100
82 59.3 46.5 69.7
119 31.8 26.2 39.2

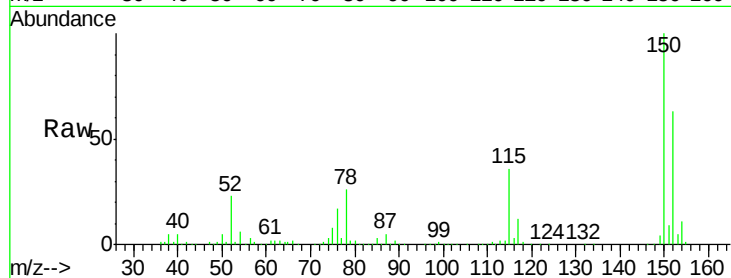




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003980.D
 Acq: 17 Jul 2018 13:08

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.2	87.6
150	156.8	0.0	345.2



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

