

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002539.D
 Acq On : 15 May 2018 03:56
 Operator : JC/SY
 Sample : J2870-05
 Misc : 6.88G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CONCRETE-RUBBLE-PILE-B

Quant Time: May 15 08:34:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

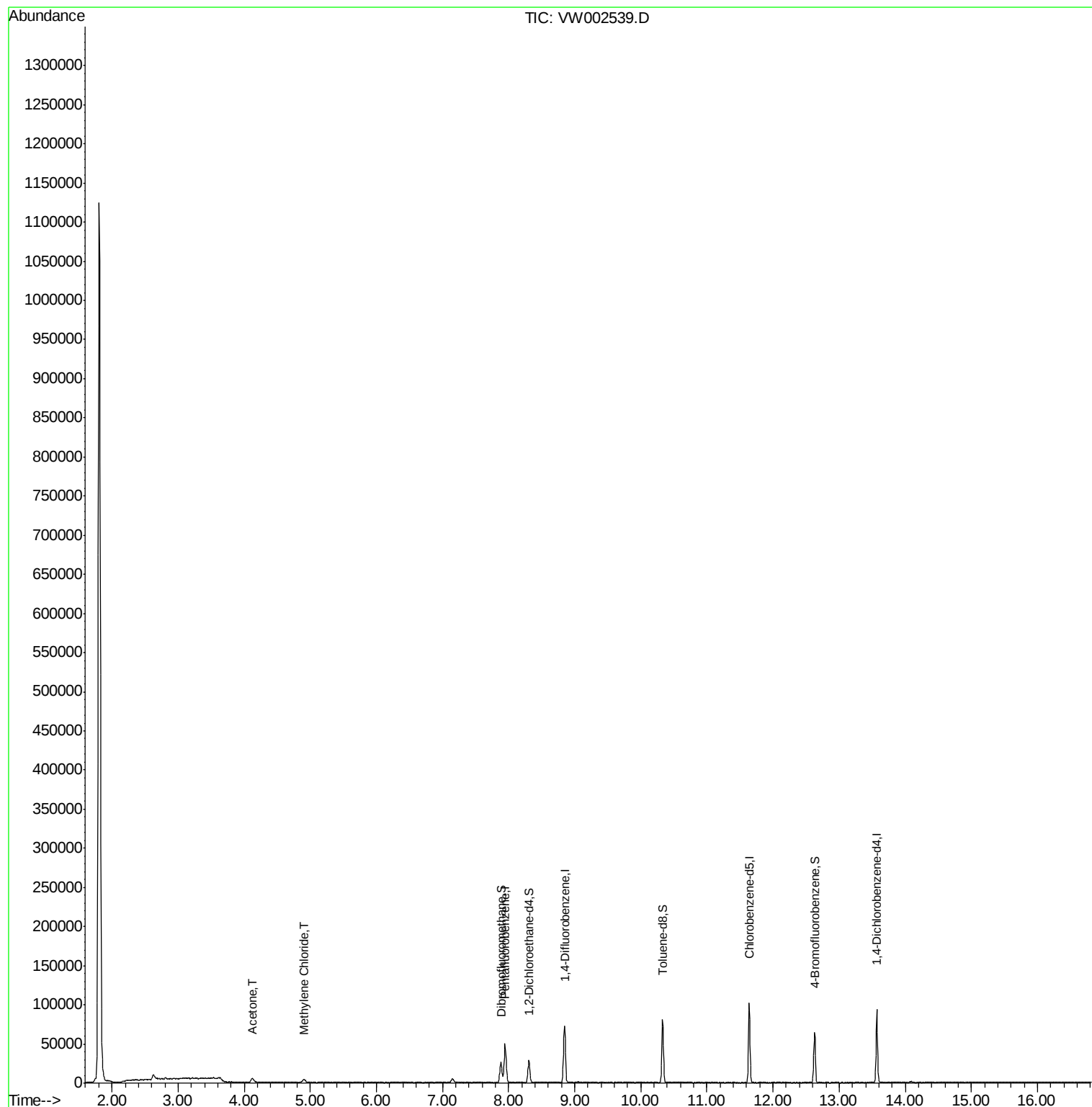
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	38431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	59560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	54680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	20438	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	7.88	113	17723	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	10.33	98	52448	36.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.96%	
62) 4-Bromofluorobenzene	12.63	95	18290	34.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.58%	
Target Compounds						
16) Acetone	4.12	43	9058	108.04	ug/l	95
20) Methylene Chloride	4.91	84	2557	5.20	ug/l #	81

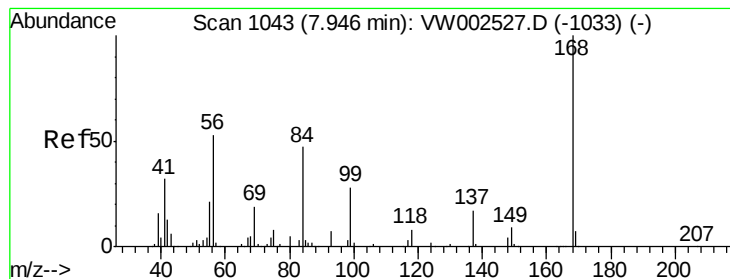
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002539.D

Acq: 15 May 2018 03:56

Instrument :

MSVOA_W

ClientSampleId :

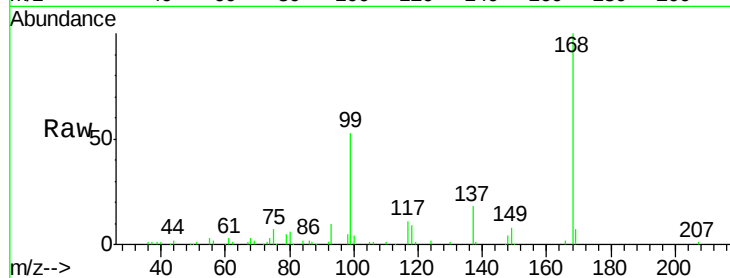
CONCRETE-RUBBLE-PILE-B

Tot Ion:168 Resp: 38431

Ion Ratio Lower Upper

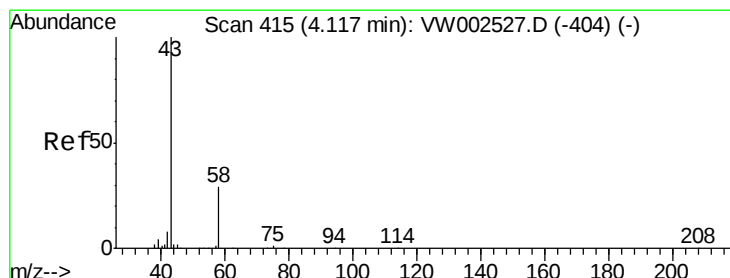
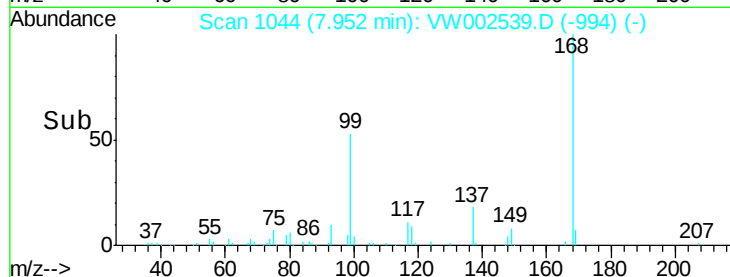
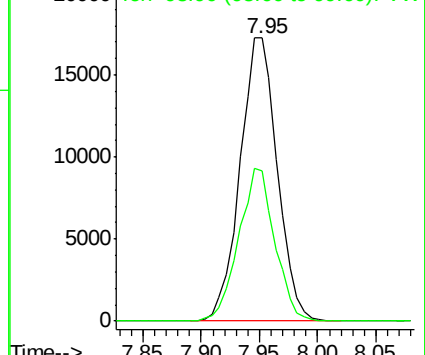
168 100

99 52.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 108.04 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002539.D

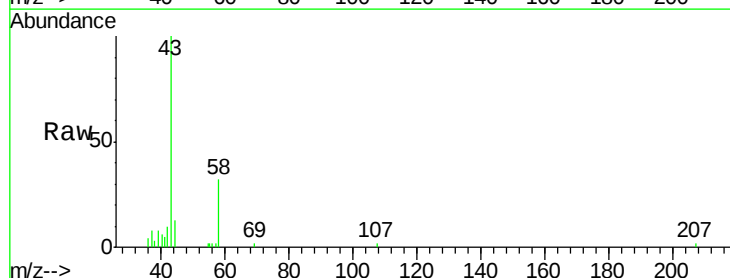
Acq: 15 May 2018 03:56

Tgt Ion: 43 Resp: 9058

Ion Ratio Lower Upper

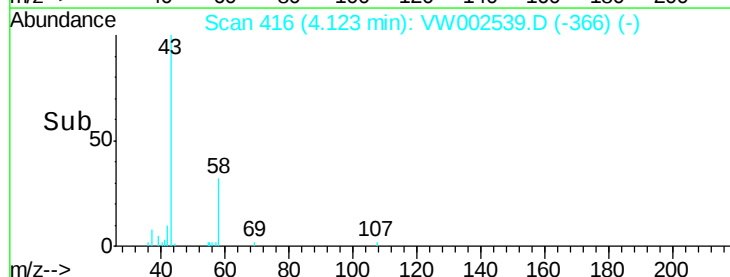
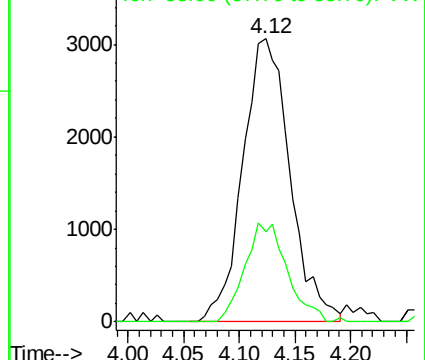
43 100

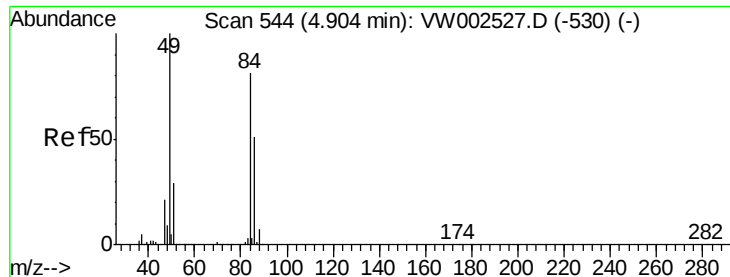
58 31.7 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

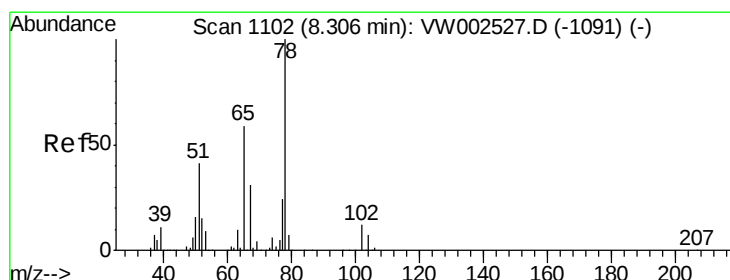
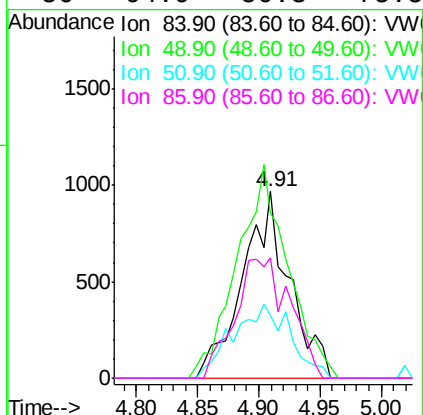
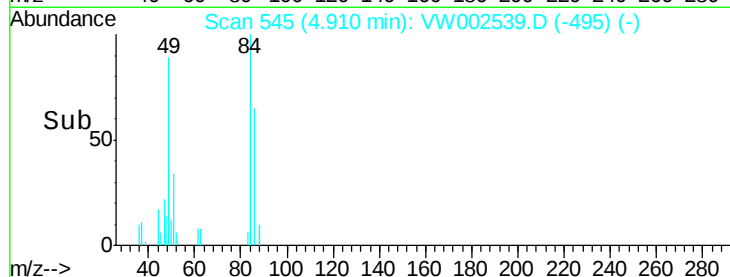
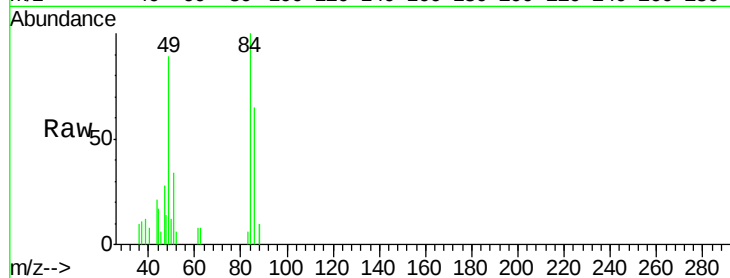




#20
Methvlene Chloride
Concen: 5.20 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW002539.D
Acq: 15 May 2018 03:56

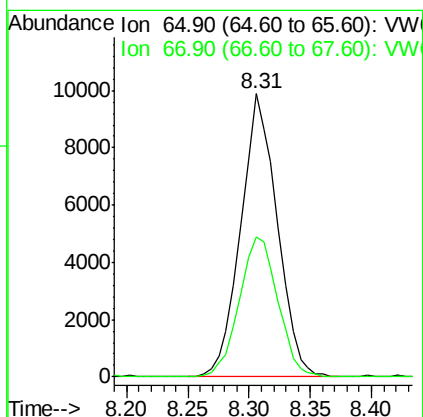
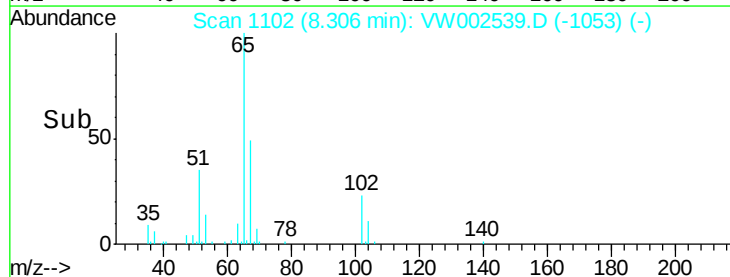
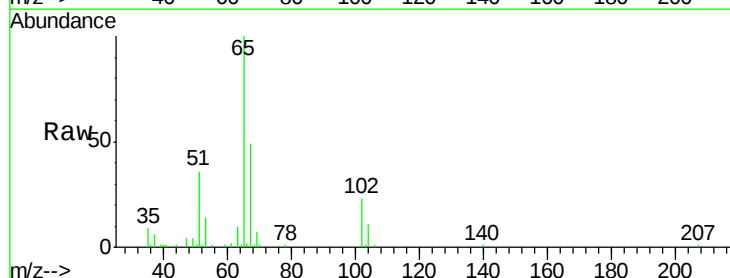
Instrument :
MSVOA_W
ClientSampleId :
CONCRETE-RUBBLE-PILE-B

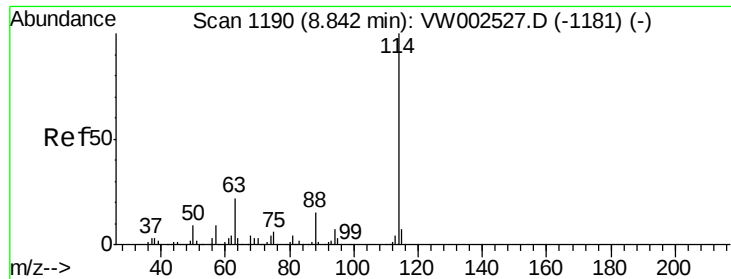
Tot Ion: 84 Resp: 2557
Ion Ratio Lower Upper
84 100
49 88.7 99.4 149.0#
51 33.8 29.0 43.6
86 64.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 51.46 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002539.D
Acq: 15 May 2018 03:56

Tgt Ion: 65 Resp: 20438
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4

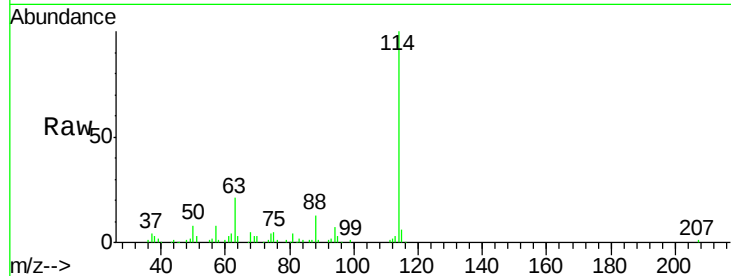




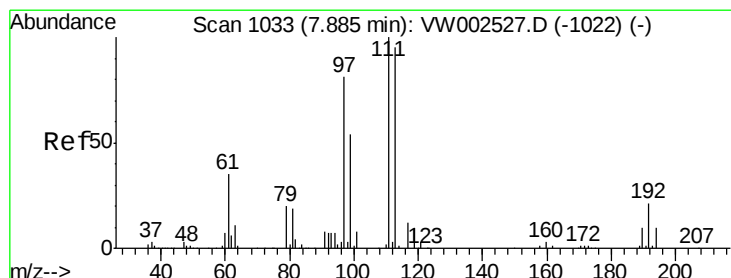
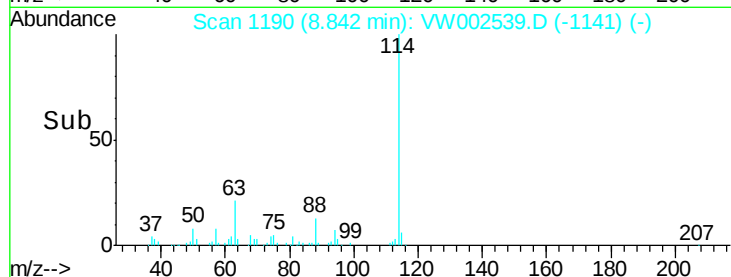
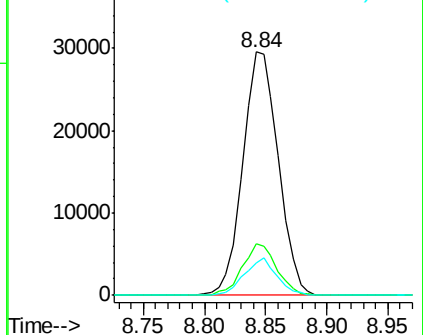
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: VW002539.D
 Acq: 15 May 2018 03:56

Instrument :
 MSVOA_W
 ClientSampleId :
 CONCRETE-RUBBLE-PILE-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	13.5	0.0	29.2

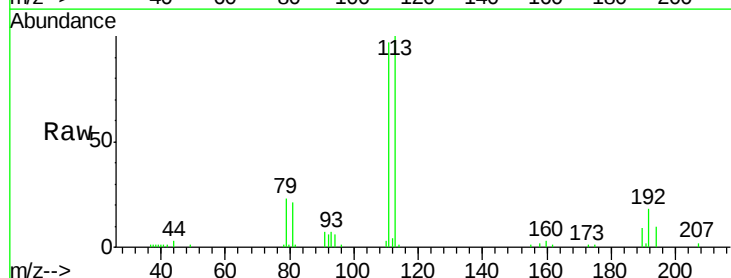


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

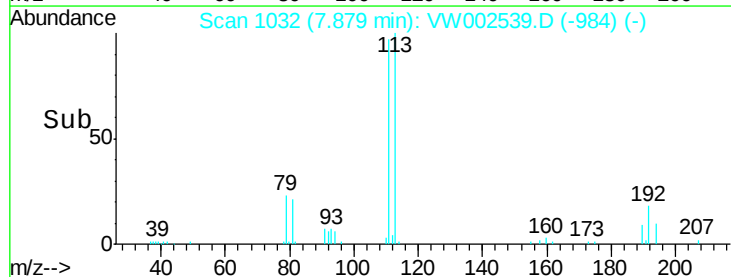
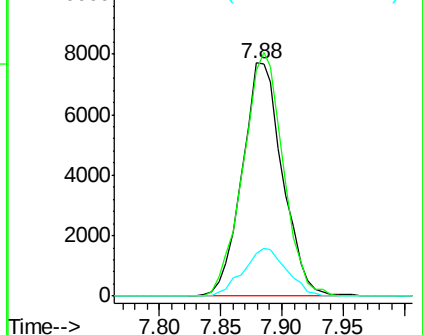


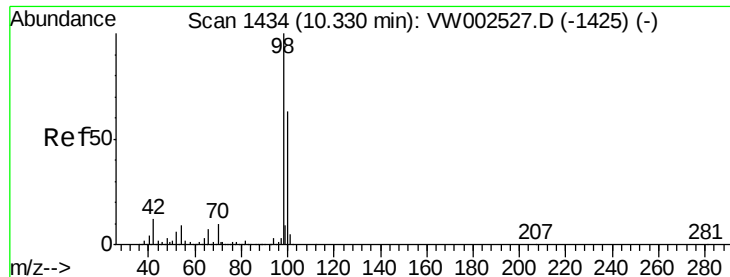
#35
 Dibromofluoromethane
 Concen: 46.91 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002539.D
 Acq: 15 May 2018 03:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	22.0	17.5	26.3



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: 36.48 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002539.D

Acq: 15 May 2018 03:56

Instrument :

MSVOA_W

ClientSampleId :

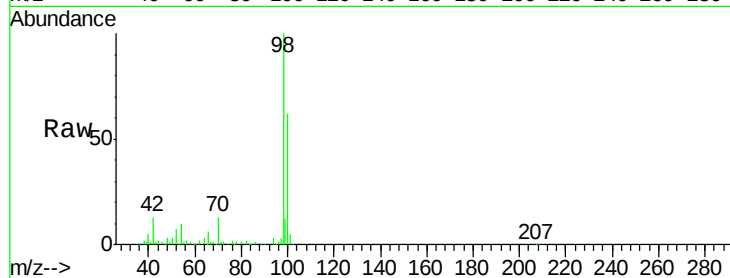
CONCRETE-RUBBLE-PILE-B

Tot Ion: 98 Resp: 52448

Ion Ratio Lower Upper

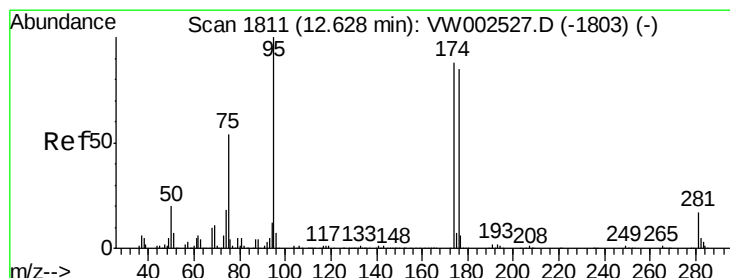
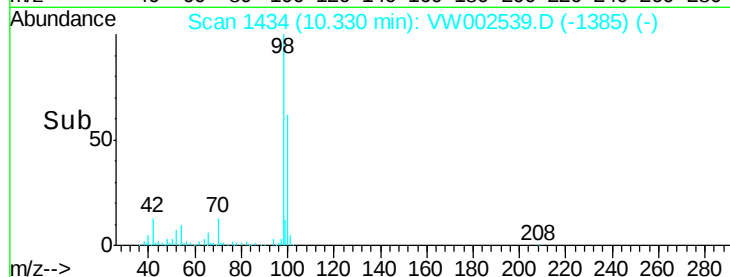
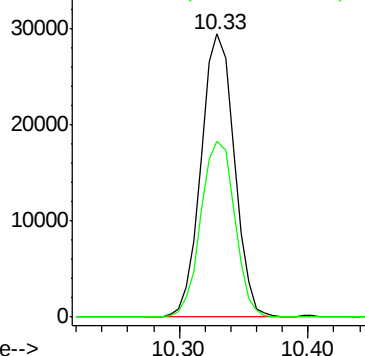
98 100

100 63.2 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 34.79 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002539.D

Acq: 15 May 2018 03:56

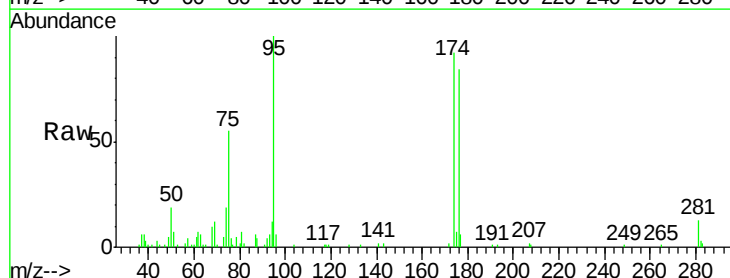
Tgt Ion: 95 Resp: 18290

Ion Ratio Lower Upper

95 100

174 93.0 0.0 176.6

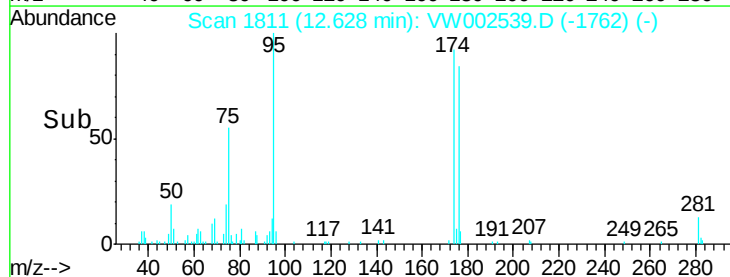
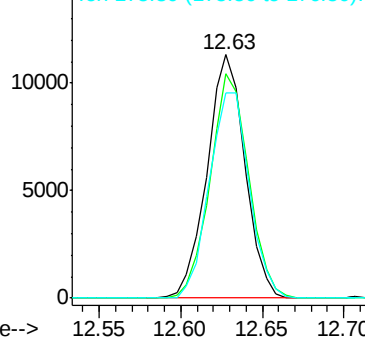
176 89.3 0.0 172.2

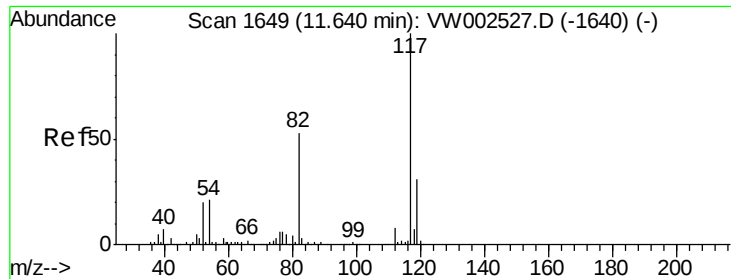


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW002539.D

Acq: 15 May 2018 03:56

Instrument :

MSVOA_W

ClientSampleId :

CONCRETE-RUBBLE-PILE-B

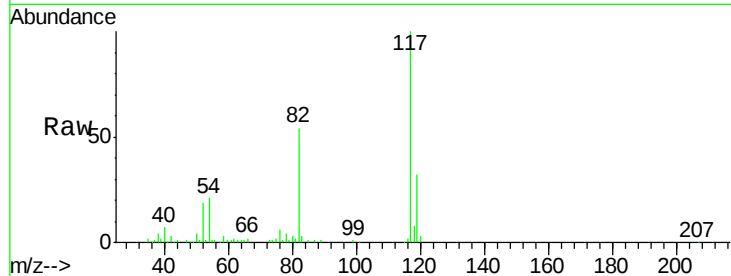
Tot Ion:117 Resp: 54680

Ion Ratio Lower Upper

117 100

82 53.6 42.6 64.0

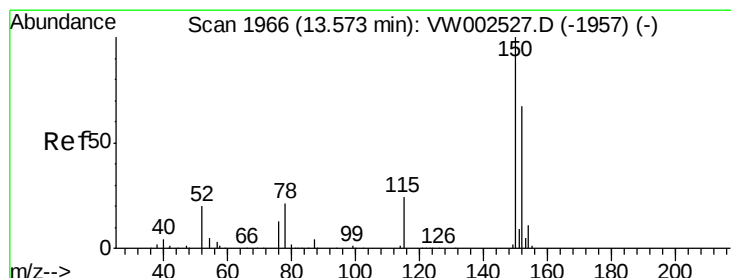
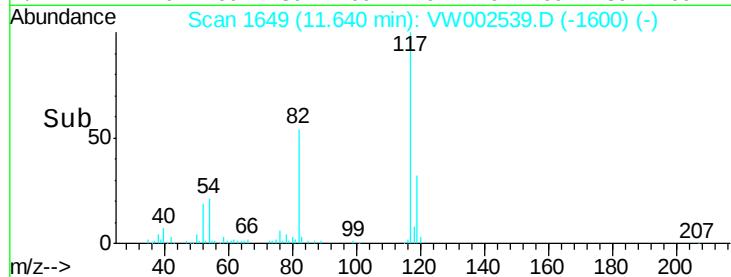
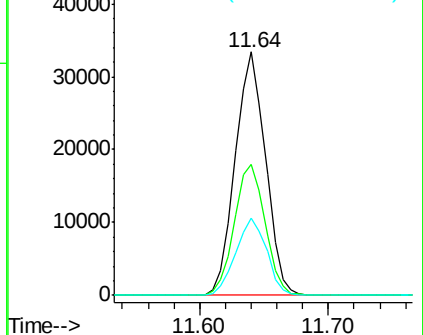
119 31.6 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002539.D

Acq: 15 May 2018 03:56

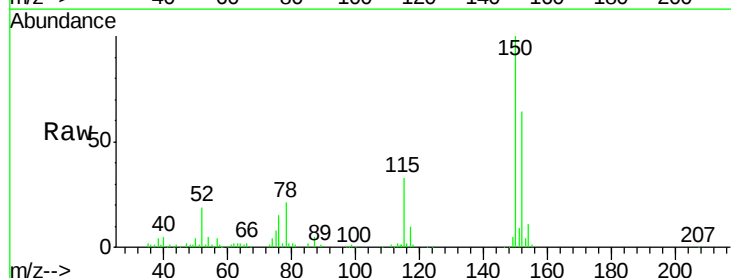
Tgt Ion:152 Resp: 24181

Ion Ratio Lower Upper

152 100

115 57.8 28.0 84.0

150 157.4 0.0 345.4



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

