

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019082.D
 Acq On : 10 May 2018 18:22
 Operator : SY/MD
 Sample : J2783-01RE
 Misc : 5.02g/5mL/MSVOA T/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 BS-CONCRETE-RO-277RE

Quant Time: May 11 03:42:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

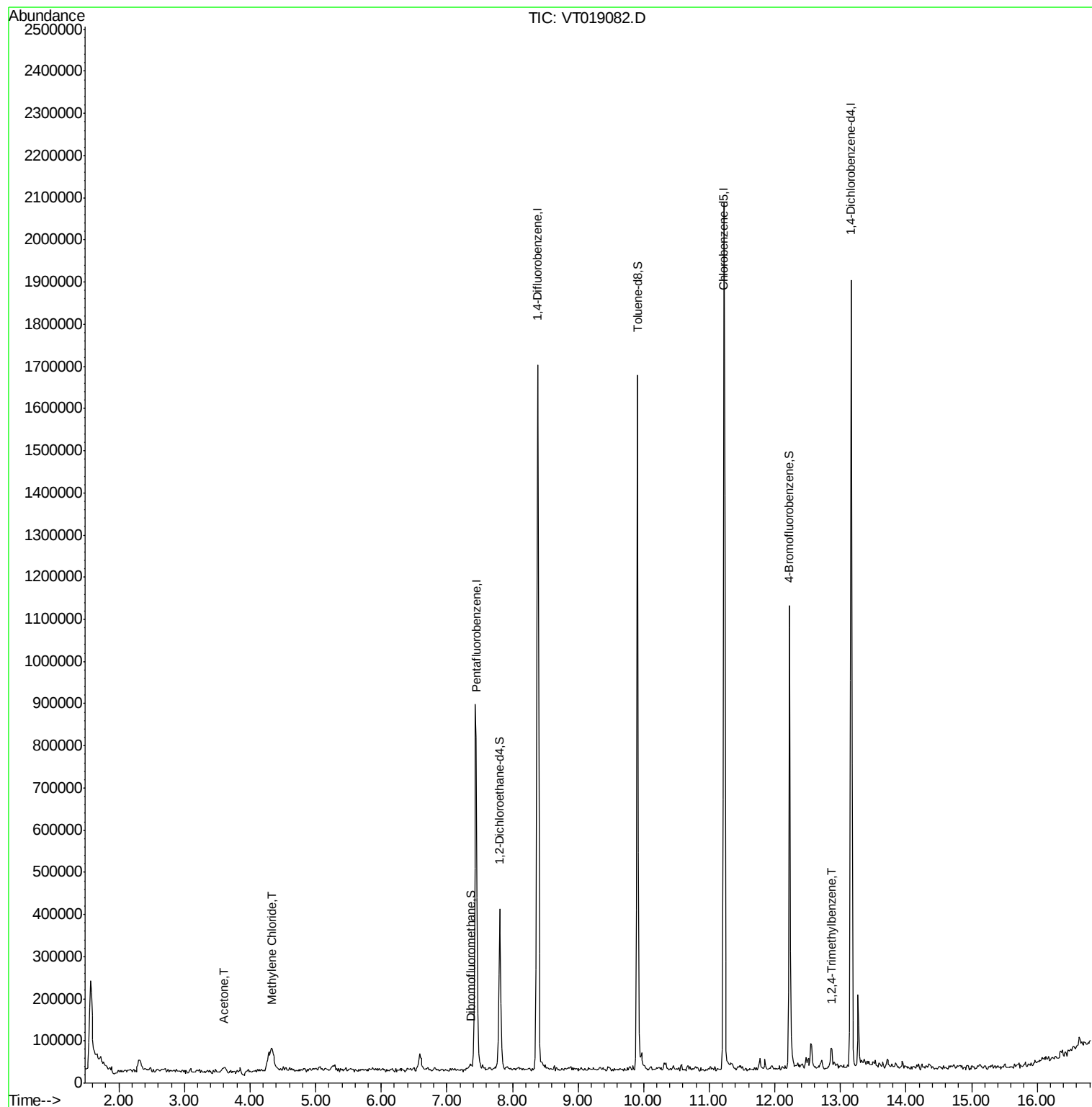
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	614445	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	1258955	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	986254	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	385231	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	326920	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
34) Dibromofluoromethane	7.37	113	10963	1.56	ug/l	0.01
Spiked Amount 50.000			Recovery	=	3.12%	
49) Toluene-d8	9.91	98	1158971	38.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.64%	
61) 4-Bromofluorobenzene	12.22	95	425683	37.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.76%	
Target Compounds						
16) Acetone	3.60	43	20866	33.70	ug/l	Qvalue # 85
20) Methylene Chloride	4.34	84	72390m	10.86	ug/l	
83) 1,2,4-Trimethylbenzene	12.86	105	27385	1.00	ug/l	96

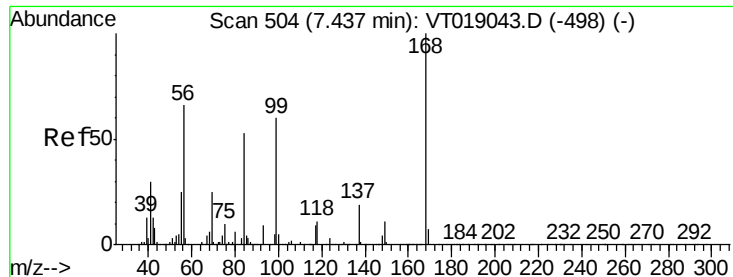
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 505

Delta R.T. 0.01 min

Lab File: VT019082.D

Acq: 10 May 2018 18:22

Instrument :

MSVOA_T

ClientSampleId :

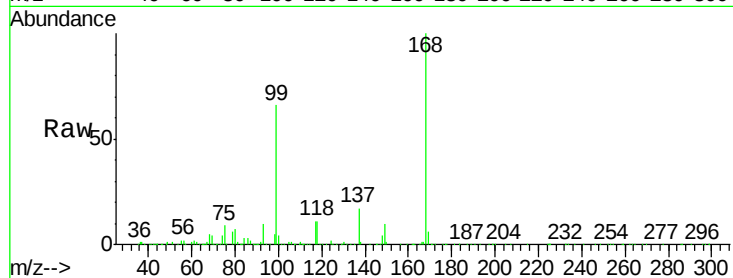
BS-CONCRETE-RO-277RE

Tot Ion:168 Resp: 614445

Ion Ratio Lower Upper

168 100

99 66.1 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.45

250000

200000

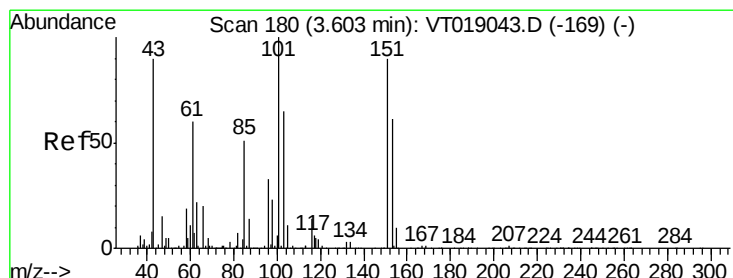
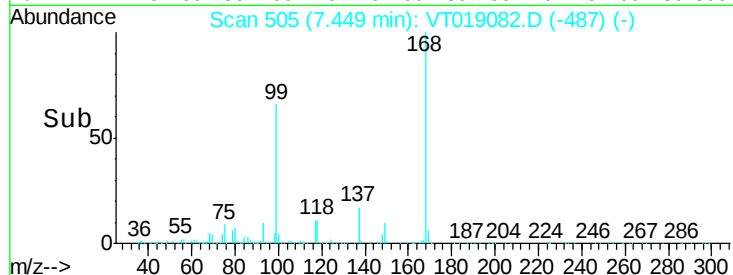
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 33.70 ug/l

RT: 3.60 min Scan# 180

Delta R.T. -0.00 min

Lab File: VT019082.D

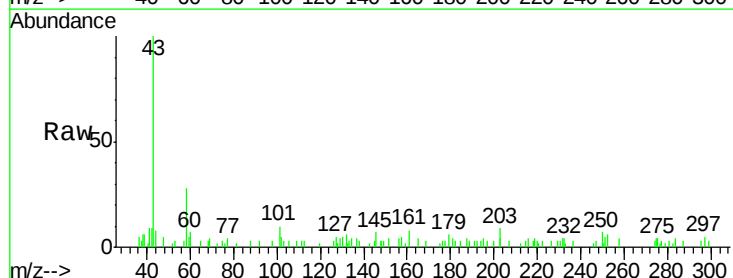
Acq: 10 May 2018 18:22

Tgt Ion: 43 Resp: 20866

Ion Ratio Lower Upper

43 100

58 27.9 16.7 25.1#



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0

8000

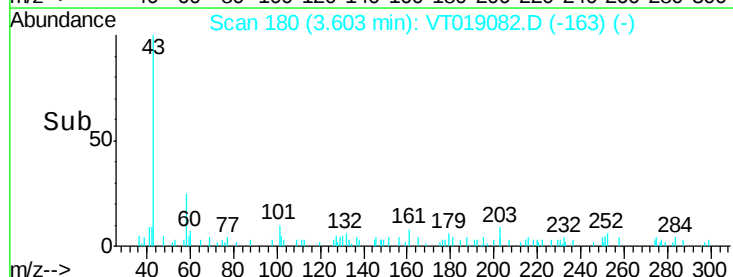
6000

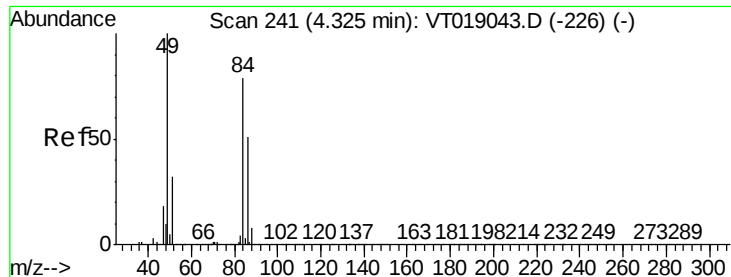
4000

2000

0

Time-->

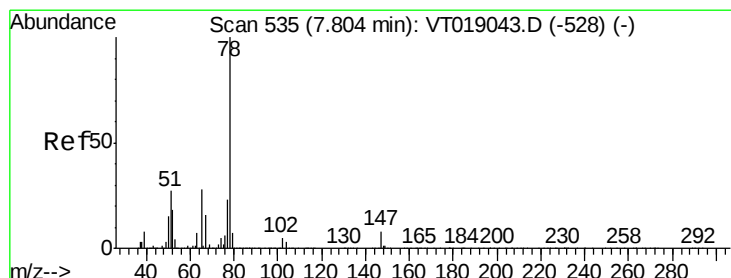
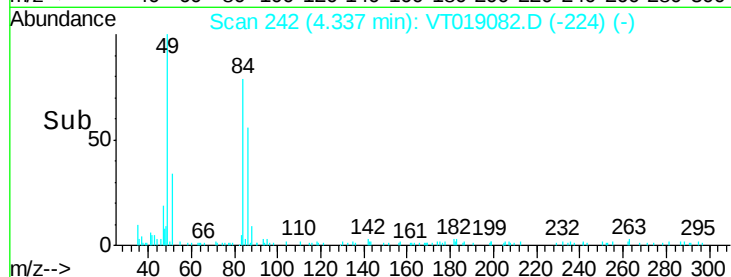
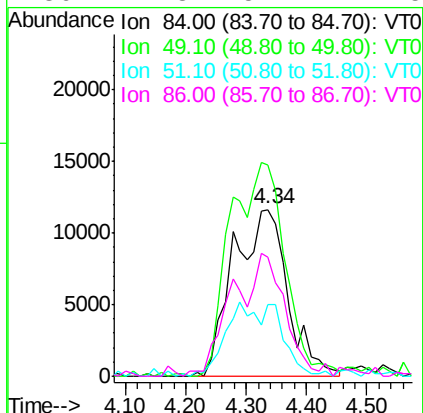
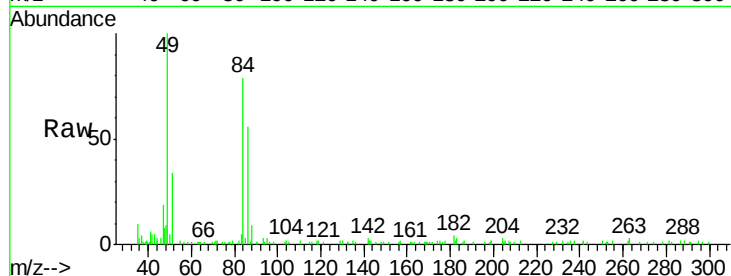




#20
Methvlene Chloride
Concen: 10.86 ug/l m
RT: 4.34 min Scan# 242
Delta R.T. 0.01 min
Lab File: VT019082.D
Acq: 10 May 2018 18:22

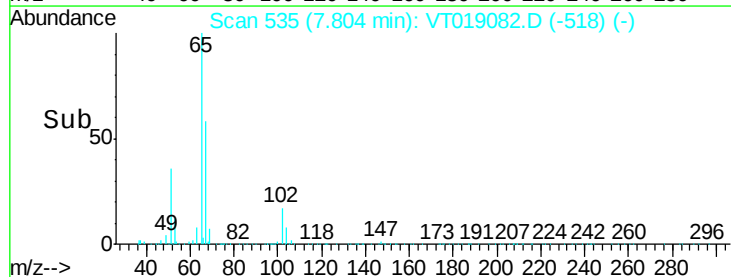
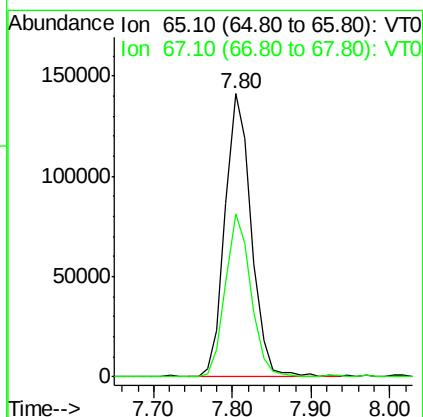
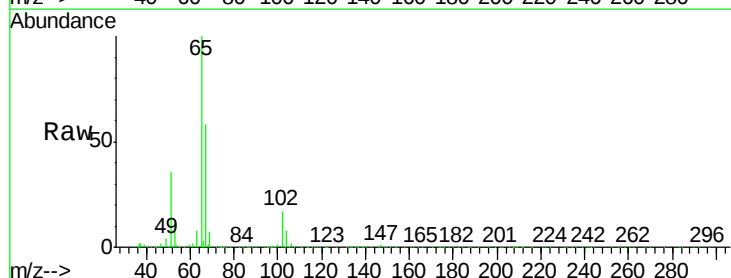
Instrument :
MSVOA_T
ClientSampleId :
BS-CONCRETE-RO-277RE

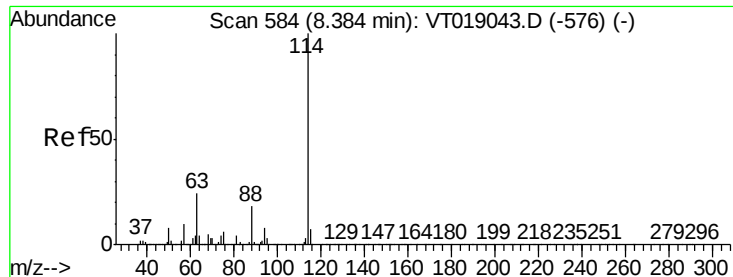
Tot Ion: 84 Resp: 72390
Ion Ratio Lower Upper
84 100
49 127.1 103.0 154.4
51 42.8 33.3 49.9
86 71.8 51.7 77.5



#32
1,2-Dichloroethane-d4
Concen: 56.05 ug/l
RT: 7.80 min Scan# 535
Delta R.T. -0.00 min
Lab File: VT019082.D
Acq: 10 May 2018 18:22

Tgt Ion: 65 Resp: 326920
Ion Ratio Lower Upper
65 100
67 57.7 0.0 114.2

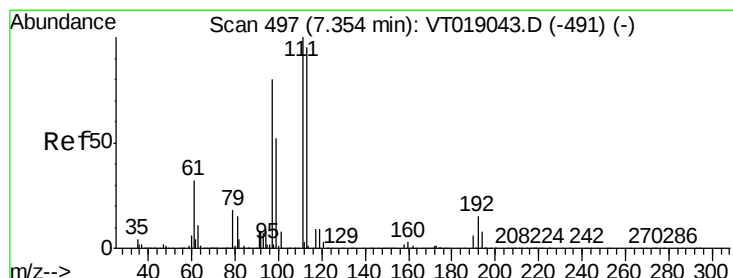
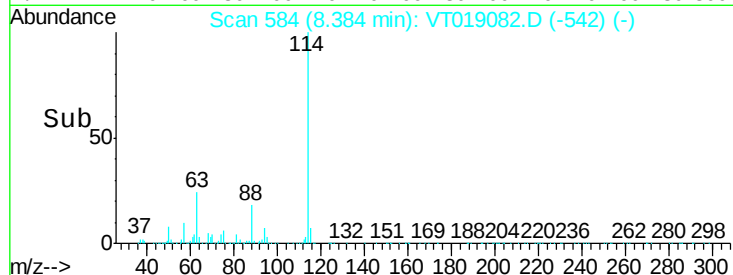
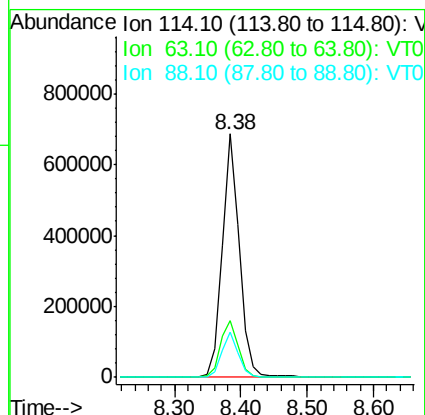
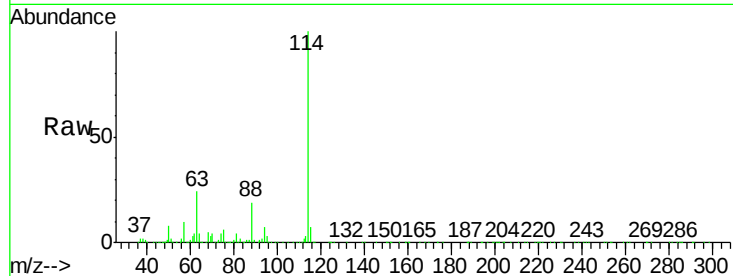




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.38 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: VT019082.D
 Acq: 10 May 2018 18:22

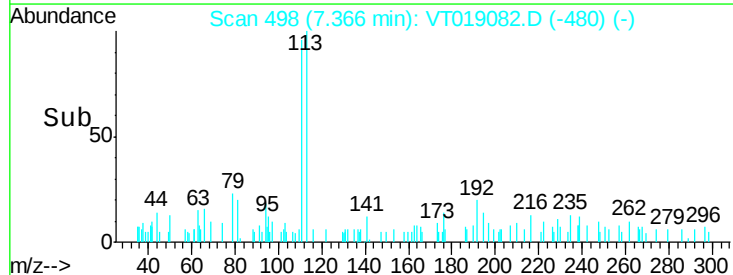
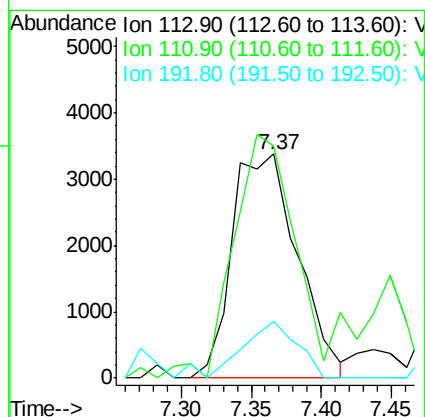
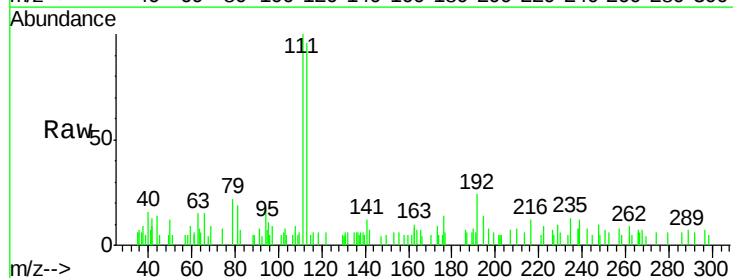
Instrument :
 MSVOA_T
 ClientSampleId :
 BS-CONCRETE-RO-277RE

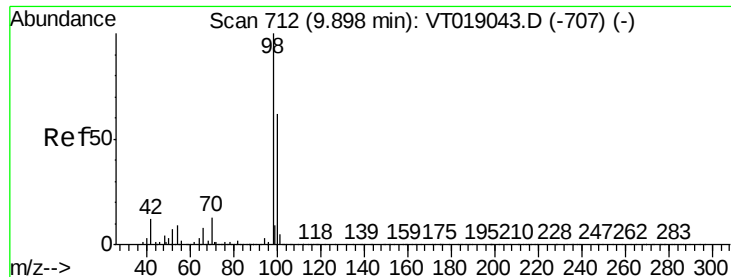
Tot Ion:114 Resp: 1258955
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.8
 88 18.5 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 1.56 ug/l
 RT: 7.37 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: VT019082.D
 Acq: 10 May 2018 18:22

Tgt Ion:113 Resp: 10963
 Ion Ratio Lower Upper
 113 100
 111 103.7 84.0 126.0
 192 25.4 12.9 19.3#





#49

Toluene-d8

Concen: 38.32 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.01 min

Lab File: VT019082.D

Acq: 10 May 2018 18:22

Instrument :

MSVOA_T

ClientSampleId :

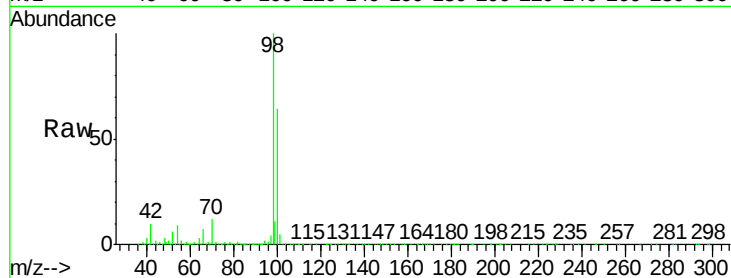
BS-CONCRETE-RO-277RE

Tot Ion: 98 Resp: 1158971

Ion Ratio Lower Upper

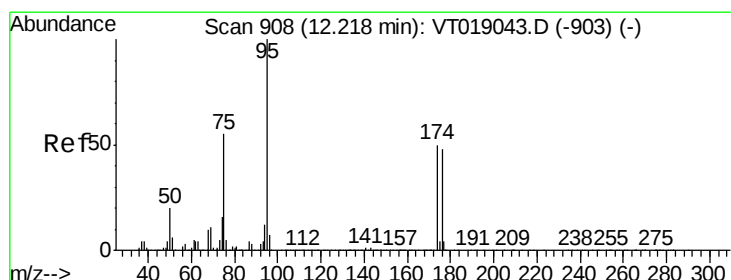
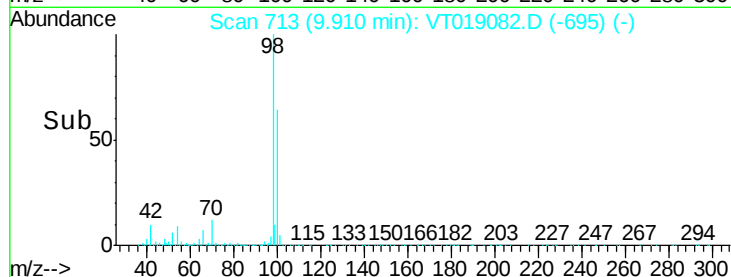
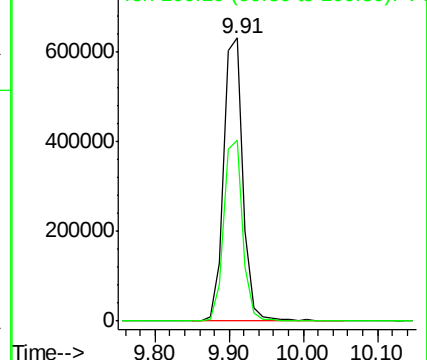
98 100

100 64.1 50.0 75.0



Abundance Ion 98.10 (97.80 to 98.80): VT0

Ion 100.10 (99.80 to 100.80): VT0



#61

4-Bromofluorobenzene

Concen: 37.38 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019082.D

Acq: 10 May 2018 18:22

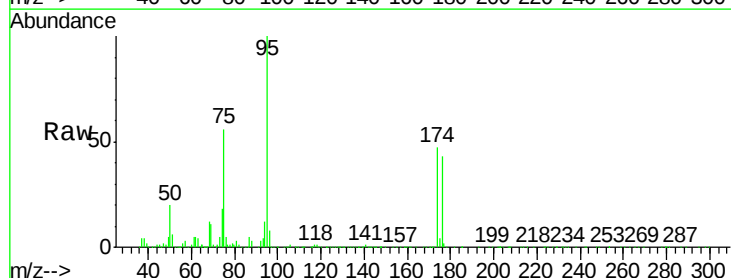
Tgt Ion: 95 Resp: 425683

Ion Ratio Lower Upper

95 100

174 46.8 0.0 100.0

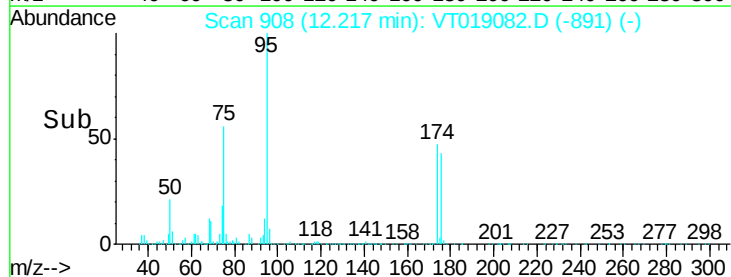
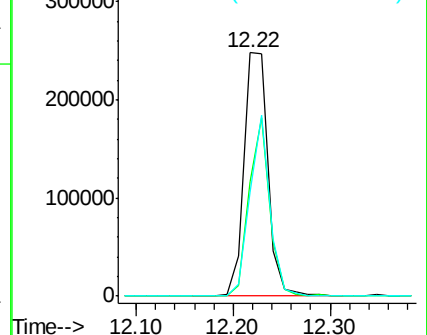
176 43.0 0.0 96.6

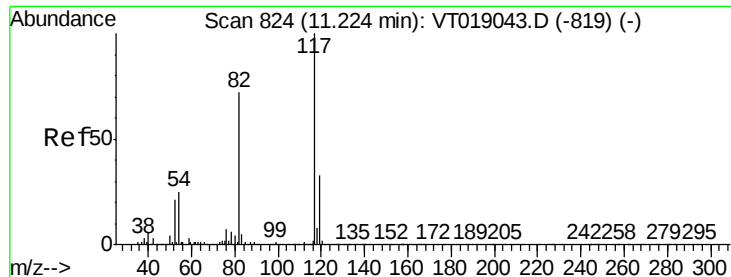


Abundance Ion 95.10 (94.80 to 95.80): VT0

Ion 174.00 (173.70 to 174.70): VT0

Ion 176.00 (175.70 to 176.70): VT0





#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019082.D

Acq: 10 May 2018 18:22

Instrument :

MSVOA_T

ClientSampleId :

BS-CONCRETE-RO-277RE

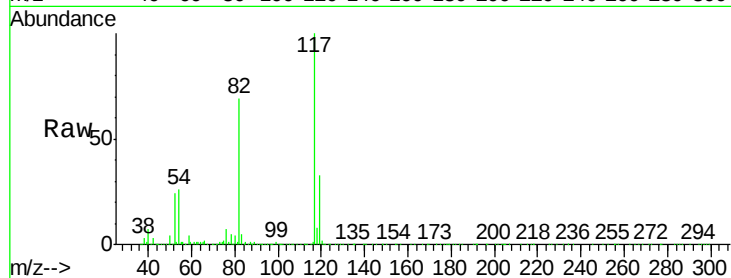
Tot Ion:117 Resp: 986254

Ion Ratio Lower Upper

117 100

82 69.0 57.6 86.4

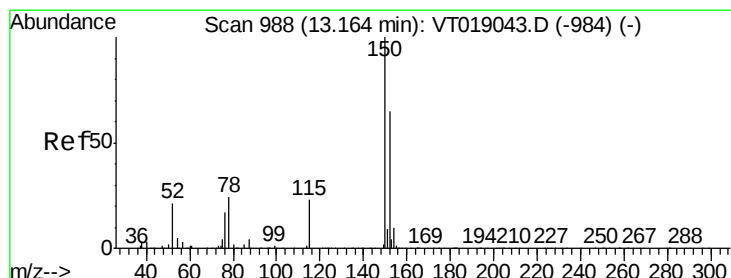
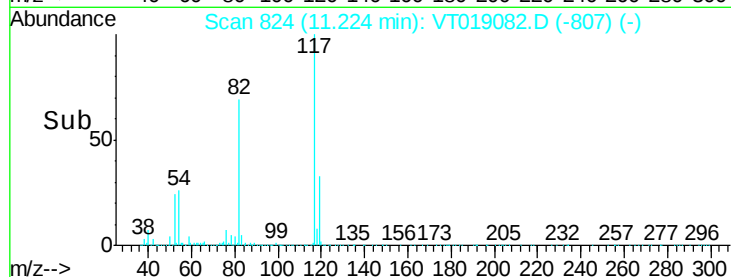
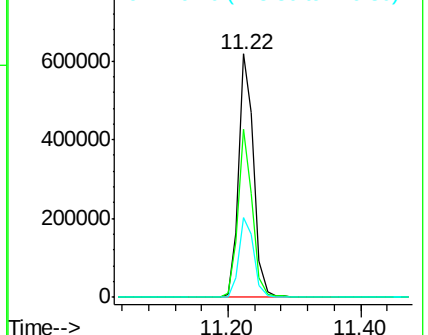
119 32.9 26.6 40.0



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.16 min Scan# 988

Delta R.T. -0.00 min

Lab File: VT019082.D

Acq: 10 May 2018 18:22

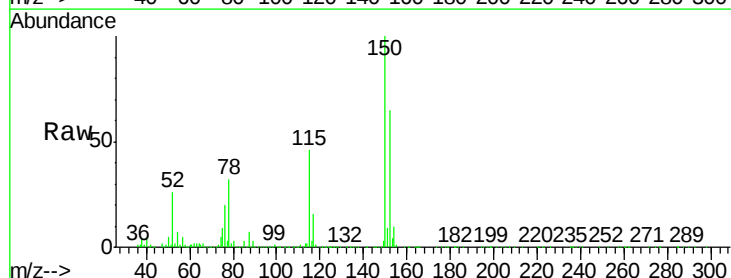
Tgt Ion:152 Resp: 385231

Ion Ratio Lower Upper

152 100

115 71.3 34.2 102.6

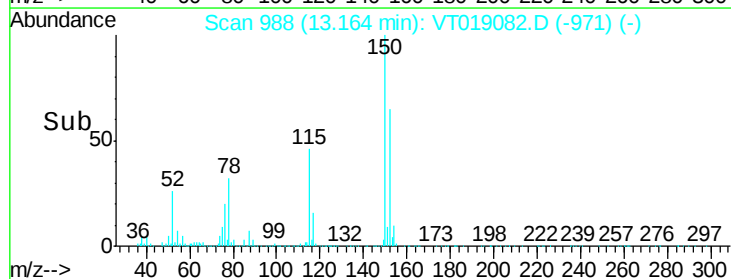
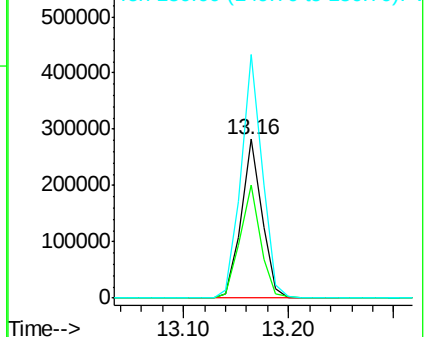
150 153.3 0.0 321.2

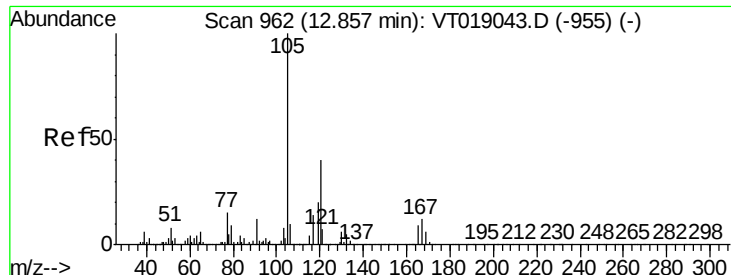


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#83

1,2,4-Trimethylbenzene

Concen: 1.00 ug/l

RT: 12.86 min Scan# 962

Delta R.T. -0.00 min

Lab File: VT019082.D

Acq: 10 May 2018 18:22

Instrument :

MSVOA_T

ClientSampleId :

BS-CONCRETE-RO-277RE

Tot Ion:105 Resp: 27385

Ion Ratio Lower Upper

105 100

120 42.2 20.0 59.9

