

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019058.D
 Acq On : 9 May 2018 15:25
 Operator : SY/MD
 Sample : J2736-02
 Misc : 4.06g/5mL/MSVOA T/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MS-SOIL

Quant Time: May 09 16:52:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	682898	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1221960	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	838589	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	209676	50.00	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	345066	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
34) Dibromofluoromethane	7.35	113	339792	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
49) Toluene-d8	9.90	98	1156226	39.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.78%	
61) 4-Bromofluorobenzene	12.22	95	307943	27.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.72%	

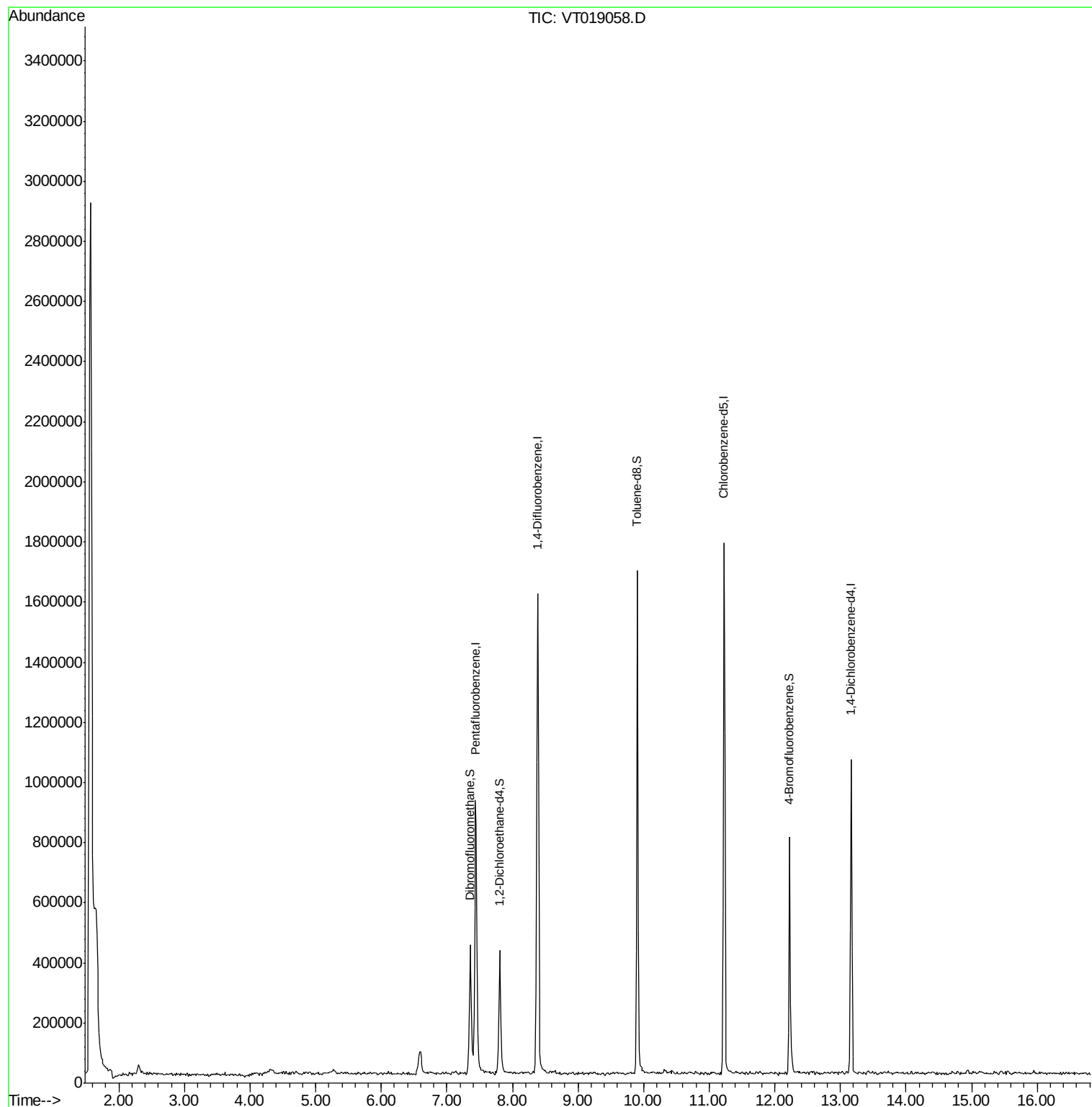
Target Compounds	Qvalue

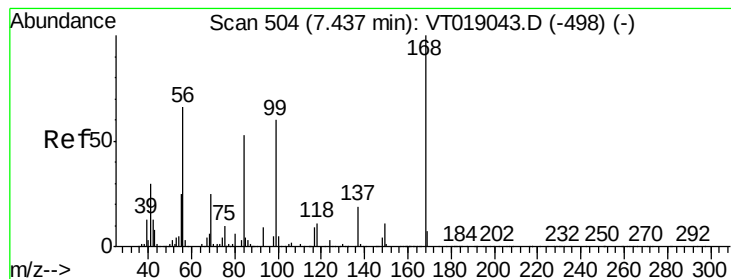
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 504

Delta R.T. 0.00 min

Lab File: VT019058.D

Acq: 9 May 2018 15:25

Instrument :

MSVOA_T

ClientSampleId :

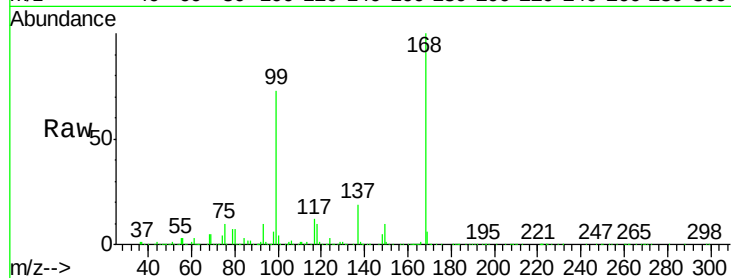
MS-SOIL

Tot Ion:168 Resp: 682898

Ion Ratio Lower Upper

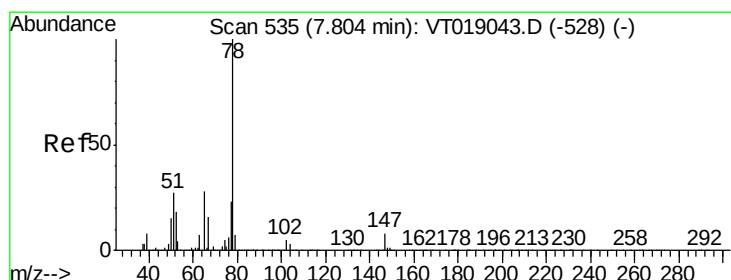
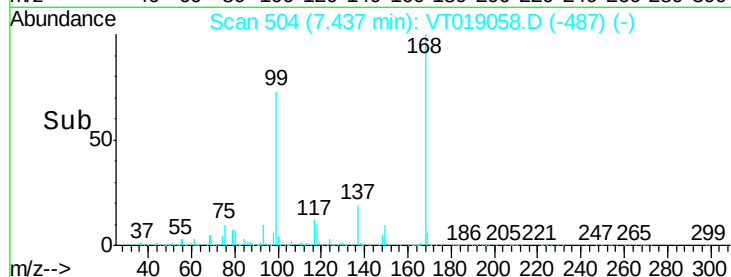
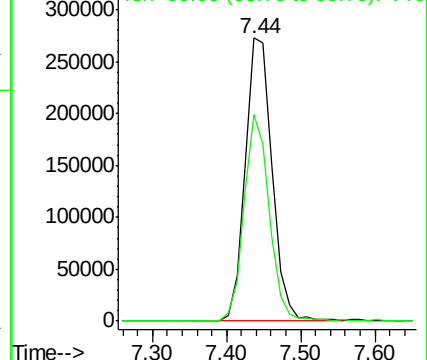
168 100

99 73.1 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0



#32

1,2-Dichloroethane-d4

Concen: 53.23 ug/l

RT: 7.80 min Scan# 535

Delta R.T. 0.00 min

Lab File: VT019058.D

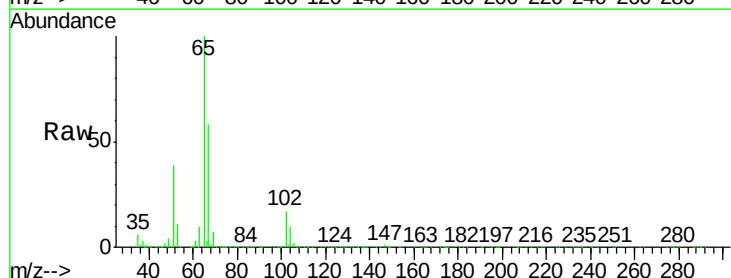
Acq: 9 May 2018 15:25

Tgt Ion: 65 Resp: 345066

Ion Ratio Lower Upper

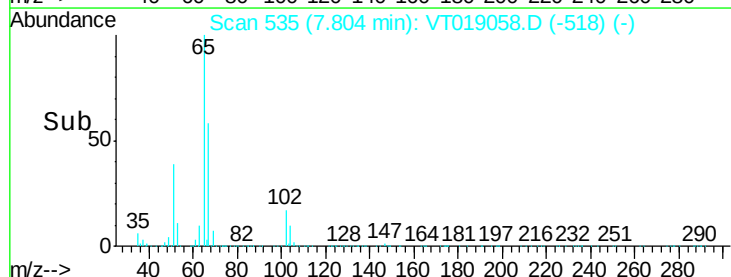
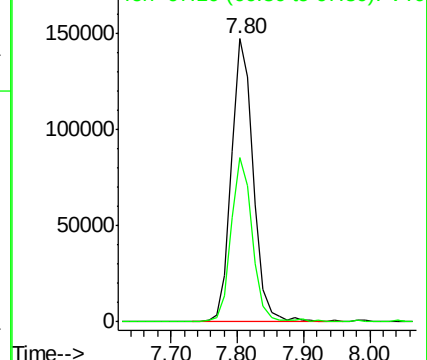
65 100

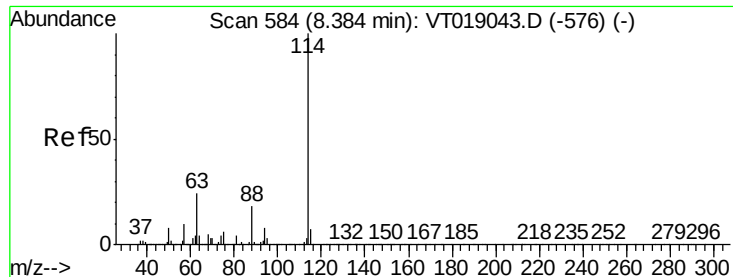
67 58.1 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

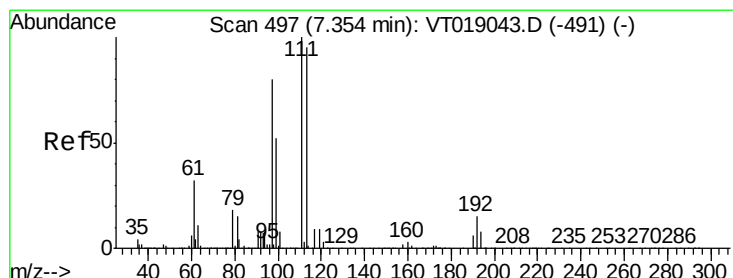
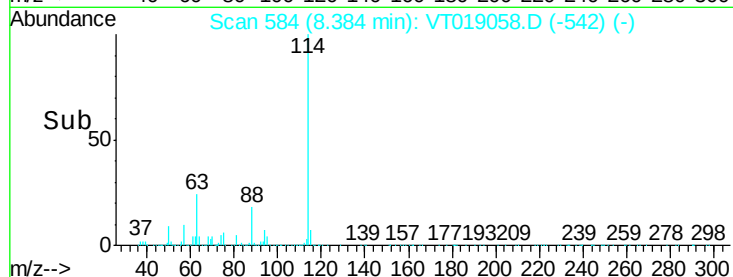
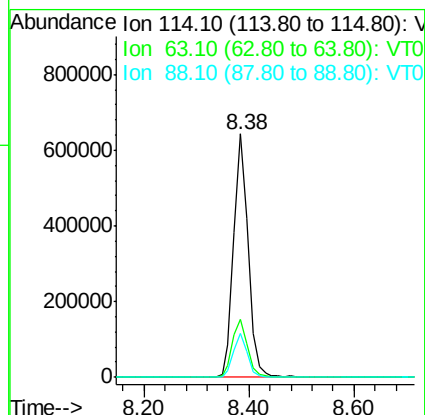
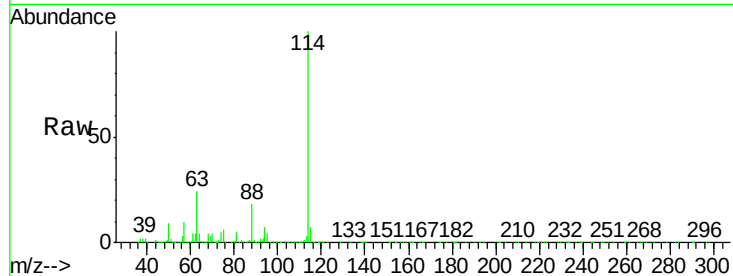




#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.38 min Scan# 584
Delta R.T. 0.00 min
Lab File: VT019058.D
Acq: 9 May 2018 15:25

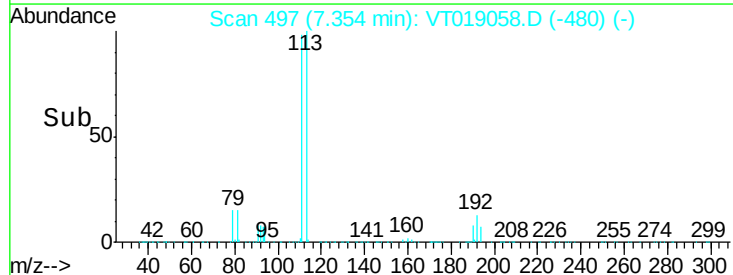
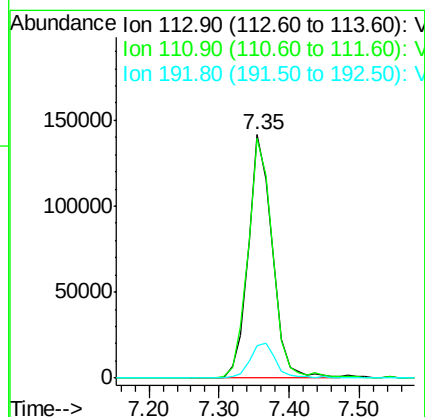
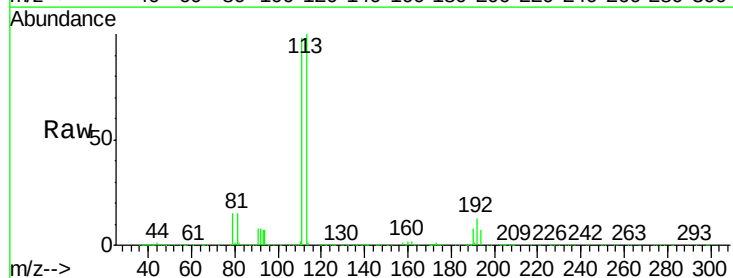
Instrument :
MSVOA_T
ClientSampleId :
MS-SOIL

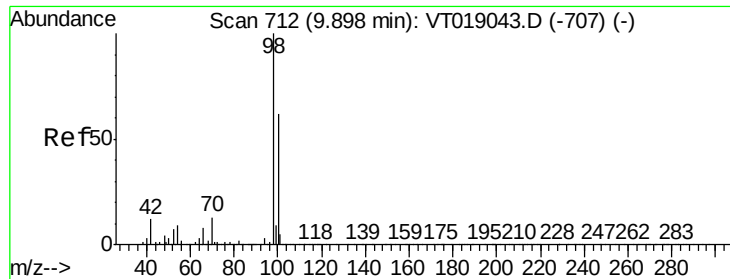
Tot Ion:114 Resp: 1221960
Ion Ratio Lower Upper
114 100
63 23.9 0.0 48.8
88 18.1 0.0 37.0



#34
Dibromofluoromethane
Concen: 49.66 ug/l
RT: 7.35 min Scan# 497
Delta R.T. 0.00 min
Lab File: VT019058.D
Acq: 9 May 2018 15:25

Tgt Ion:113 Resp: 339792
Ion Ratio Lower Upper
113 100
111 98.4 84.0 126.0
192 13.1 12.9 19.3





#49

Toluene-d8

Concen: 39.39 ug/l

RT: 9.90 min Scan# 712

Delta R.T. 0.00 min

Lab File: VT019058.D

Acq: 9 May 2018 15:25

Instrument :

MSVOA_T

ClientSampleId :

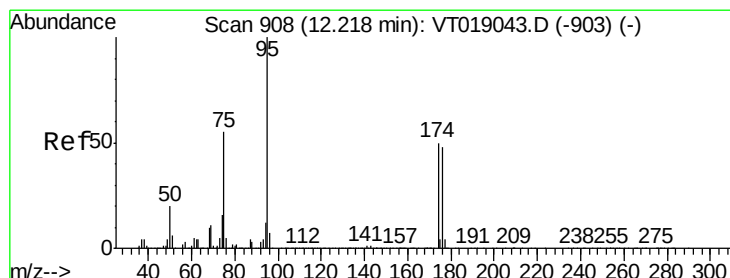
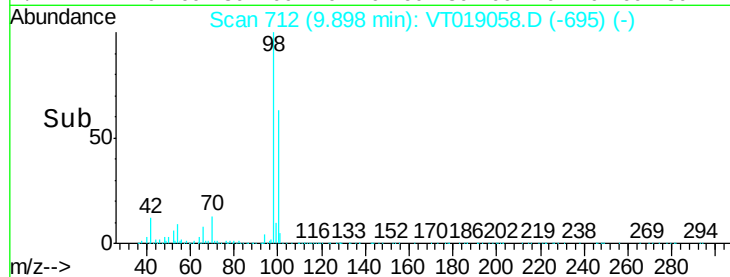
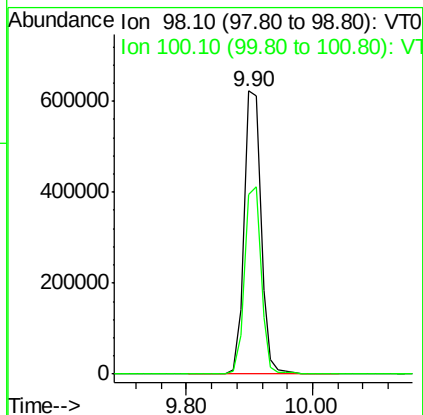
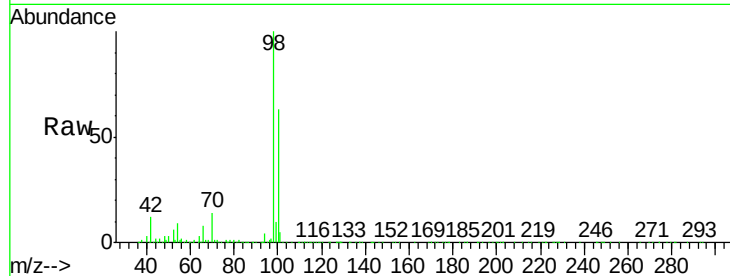
MS-SOIL

Tot Ion: 98 Resp: 1156226

Ion Ratio Lower Upper

98 100

100 63.4 50.0 75.0



#61

4-Bromofluorobenzene

Concen: 27.86 ug/l

RT: 12.22 min Scan# 908

Delta R.T. 0.00 min

Lab File: VT019058.D

Acq: 9 May 2018 15:25

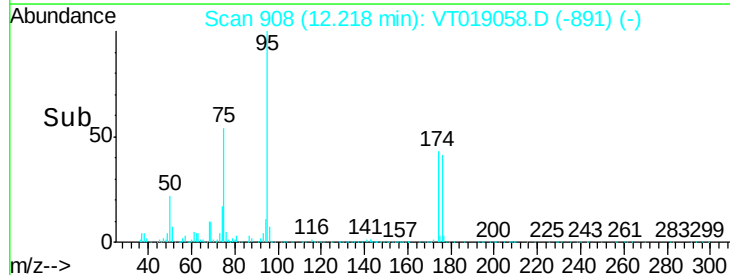
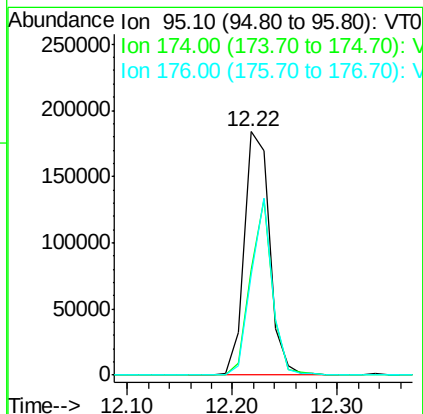
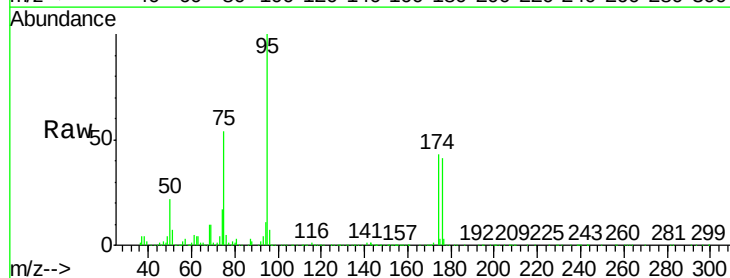
Tgt Ion: 95 Resp: 307943

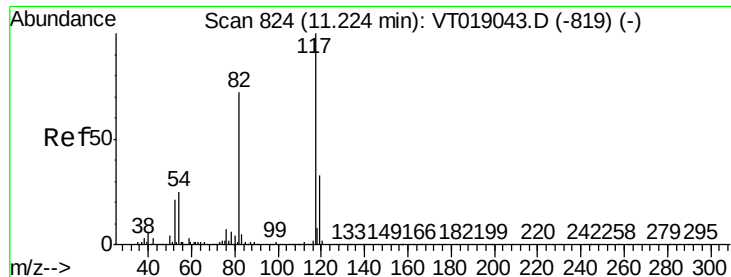
Ion Ratio Lower Upper

95 100

174 43.4 0.0 100.0

176 41.2 0.0 96.6





#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. 0.00 min

Lab File: VT019058.D

Acq: 9 May 2018 15:25

Instrument :

MSVOA_T

ClientSampleId :

MS-SOIL

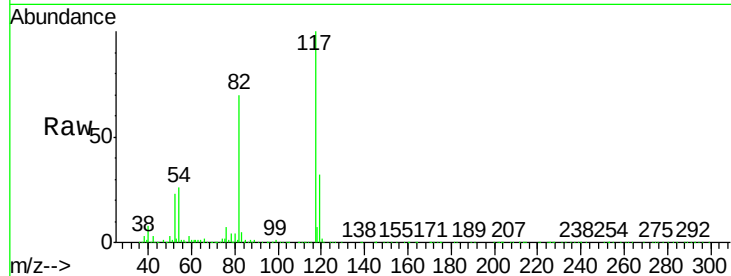
Tot Ion:117 Resp: 838589

Ion Ratio Lower Upper

117 100

82 70.3 57.6 86.4

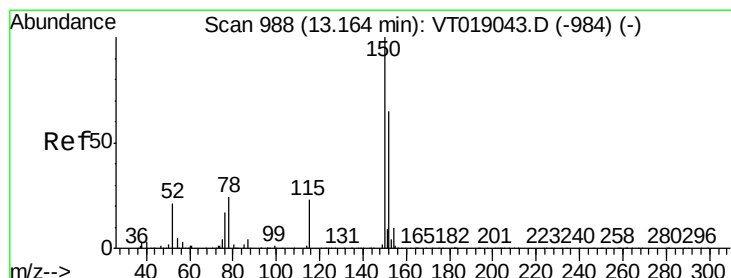
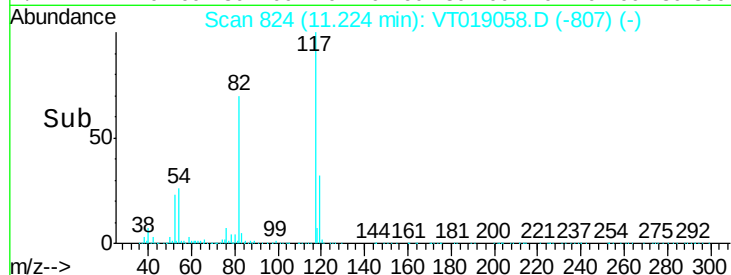
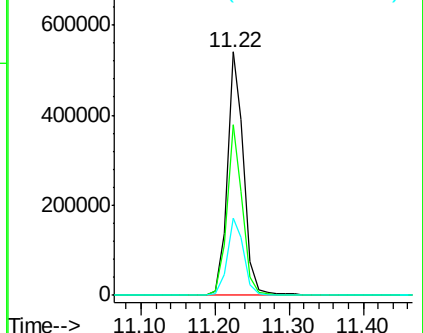
119 31.7 26.6 40.0



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VT0

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: VT019058.D

Acq: 9 May 2018 15:25

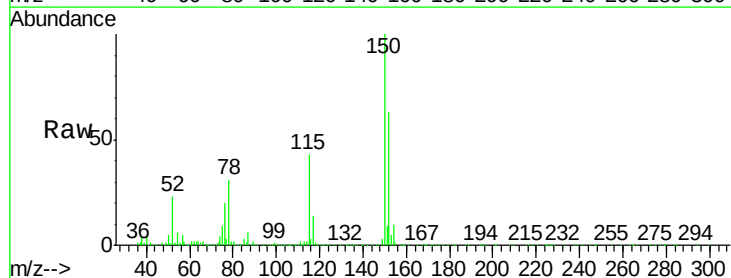
Tgt Ion:152 Resp: 209676

Ion Ratio Lower Upper

152 100

115 69.0 34.2 102.6

150 158.9 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

