

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019079.D
 Acq On : 10 May 2018 16:49
 Operator : SY/MD
 Sample : J2669-01RE
 Misc : 6.83g/5mL/MSVOA T/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 SU-03-050118-ARE

Quant Time: May 11 02:29:40 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

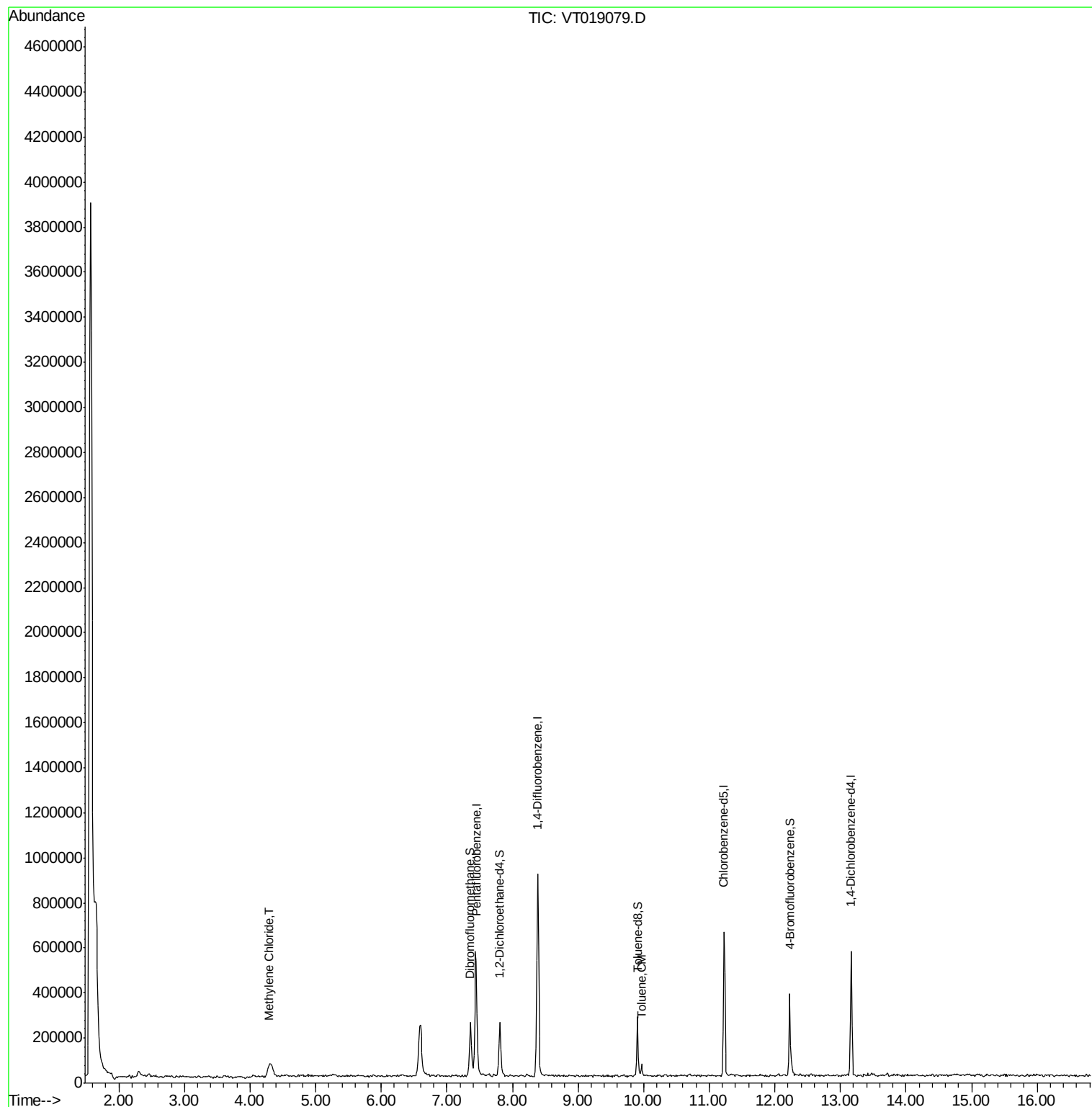
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	400064	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	677782	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	319766	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	108503	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	223006	58.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.44%	
34) Dibromofluoromethane	7.35	113	195239	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
49) Toluene-d8	9.91	98	185569	11.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	22.80%	
61) 4-Bromofluorobenzene	12.23	95	135651	22.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	44.26%	
Target Compounds						
20) Methylene Chloride	4.29	84	71183	16.40	ug/l	# 80
51) Toluene	9.97	92	17389	1.47	ug/l	81

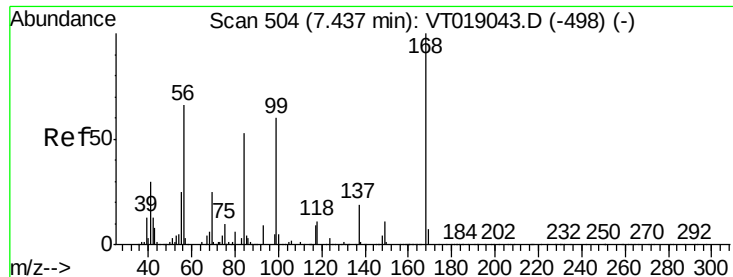
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
Data File : VT019079.D
Acq On : 10 May 2018 16:49
Operator : SY/MD
Sample : J2669-01RE
Misc : 6.83g/5mL/MSVOA T/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
SU-03-050118-ARE

Quant Time: May 11 02:29:40 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 505

Delta R.T. 0.01 min

Lab File: VT019079.D

Acq: 10 May 2018 16:49

Instrument :

MSVOA_T

ClientSampleId :

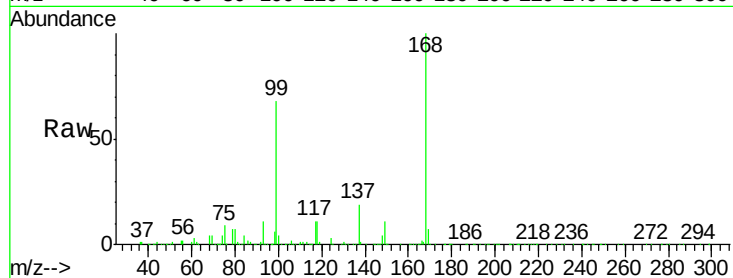
SU-03-050118-ARE

Tot Ion:168 Resp: 400064

Ion Ratio Lower Upper

168 100

99 67.9 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VT0

7.45

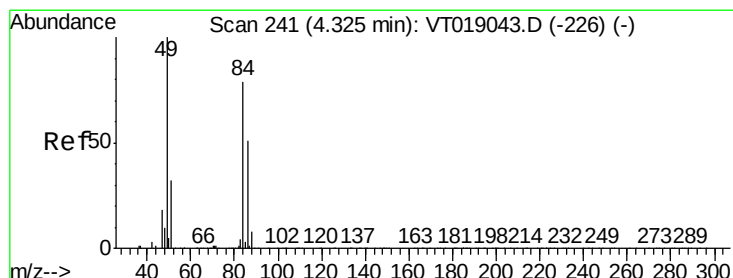
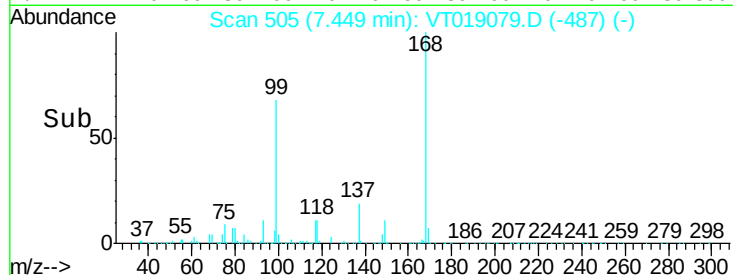
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 16.40 ug/l

RT: 4.29 min Scan# 238

Delta R.T. -0.04 min

Lab File: VT019079.D

Acq: 10 May 2018 16:49

Tgt Ion: 84 Resp: 71183

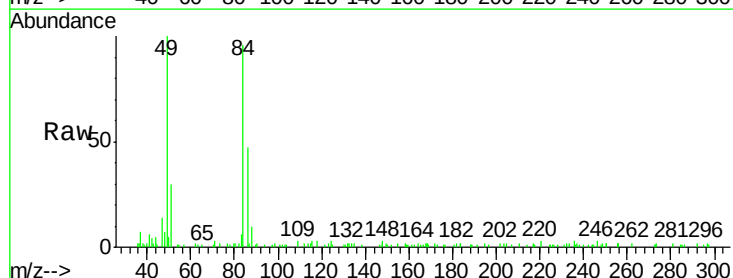
Ion Ratio Lower Upper

84 100

49 104.5 103.0 154.4

51 31.7 33.3 49.9#

86 48.9 51.7 77.5#



Abundance Ion 84.00 (83.70 to 84.70): VT0

Ion 49.10 (48.80 to 49.80): VT0

Ion 51.10 (50.80 to 51.80): VT0

Ion 86.00 (85.70 to 86.70): VT0

25000

20000

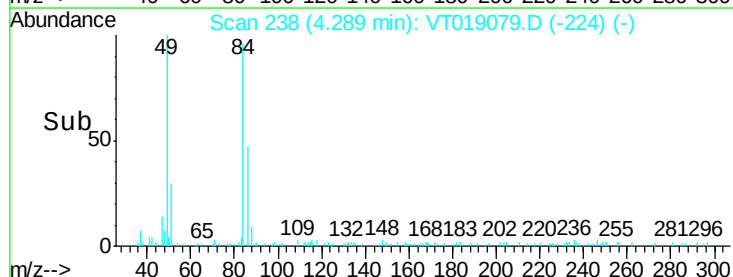
15000

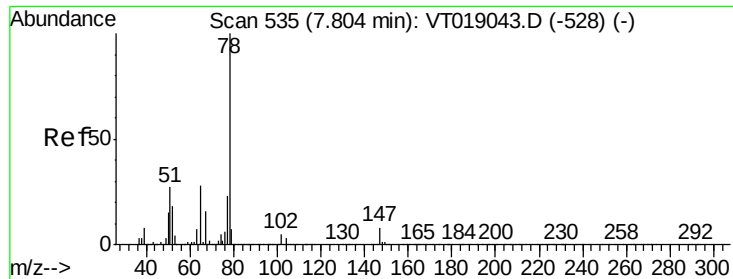
10000

5000

0

Time-->





#32

1,2-Dichloroethane-d4

Concen: 58.72 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019079.D

Acq: 10 May 2018 16:49

Instrument :

MSVOA_T

ClientSampleId :

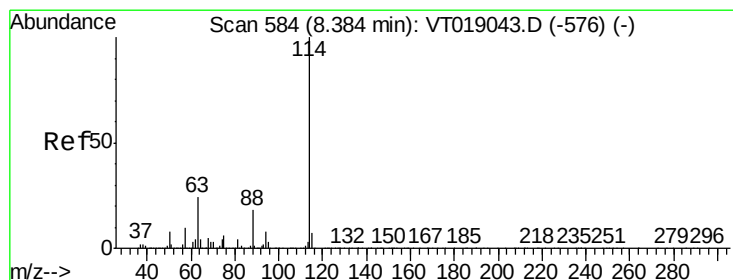
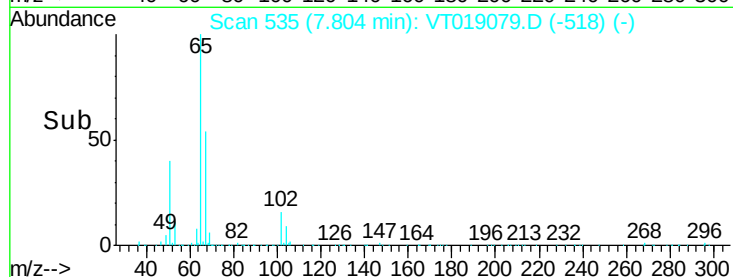
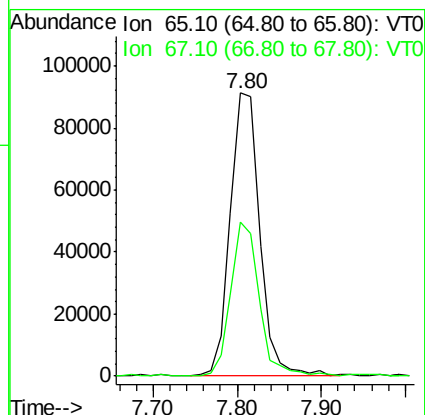
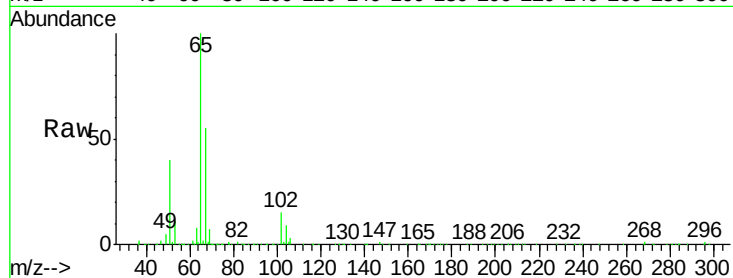
SU-03-050118-ARE

Tot Ion: 65 Resp: 223006

Ion Ratio Lower Upper

65 100

67 54.6 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: VT019079.D

Acq: 10 May 2018 16:49

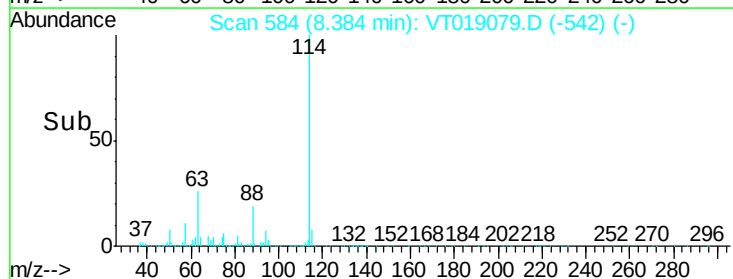
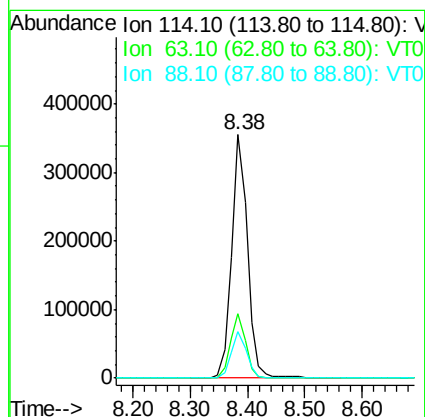
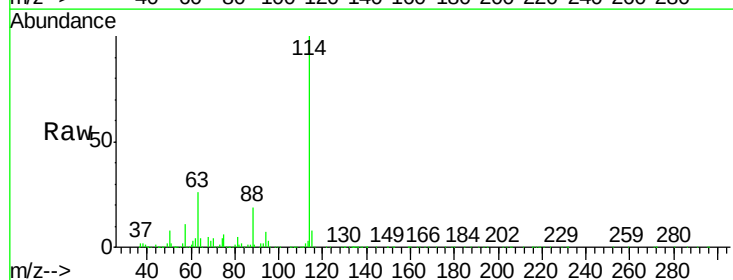
Tgt Ion:114 Resp: 677782

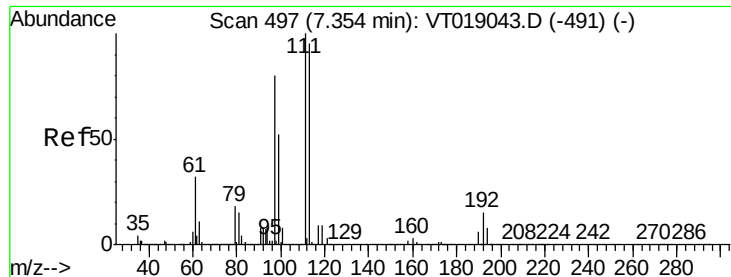
Ion Ratio Lower Upper

114 100

63 26.2 0.0 48.8

88 18.9 0.0 37.0

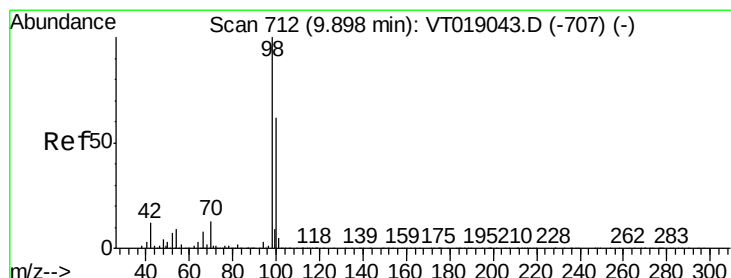
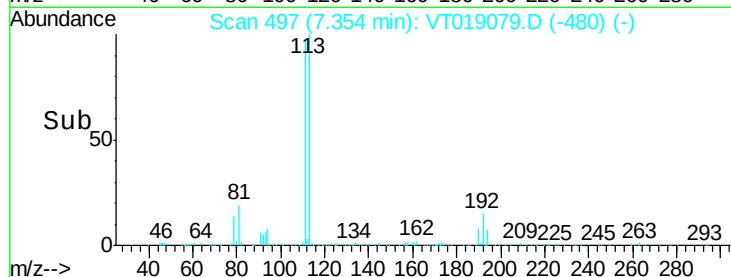
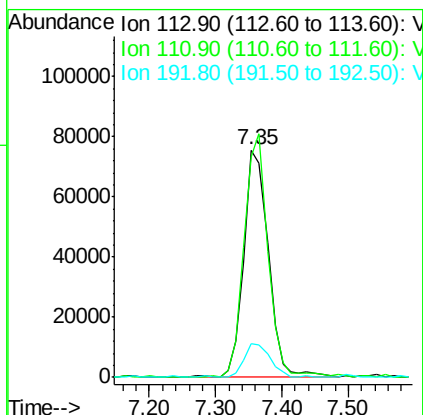
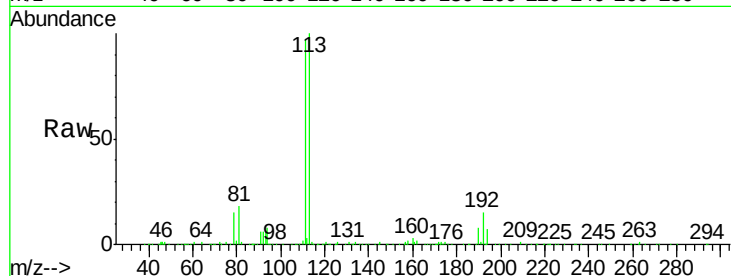




#34
 Dibromofluoromethane
 Concen: 51.44 ug/l
 RT: 7.35 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VT019079.D
 Acq: 10 May 2018 16:49

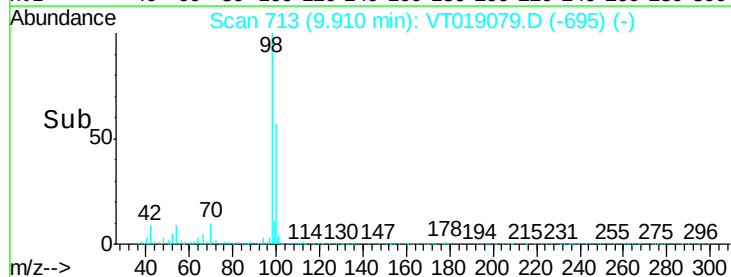
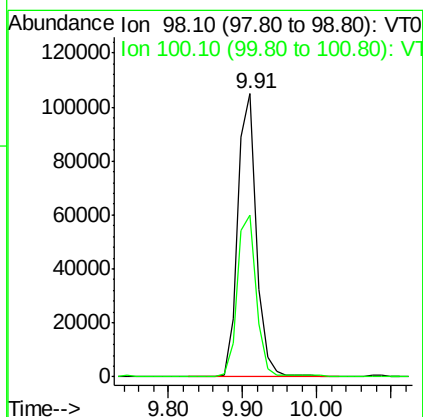
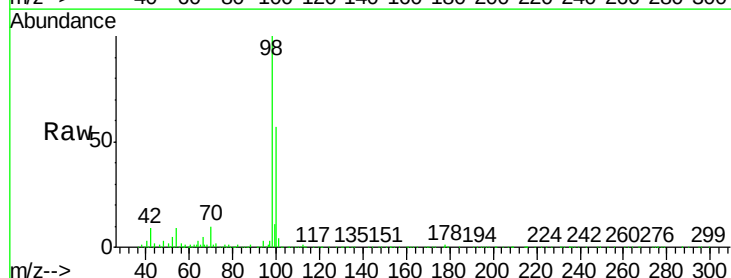
Instrument :
 MSVOA_T
 ClientSampleId :
 SU-03-050118-ARE

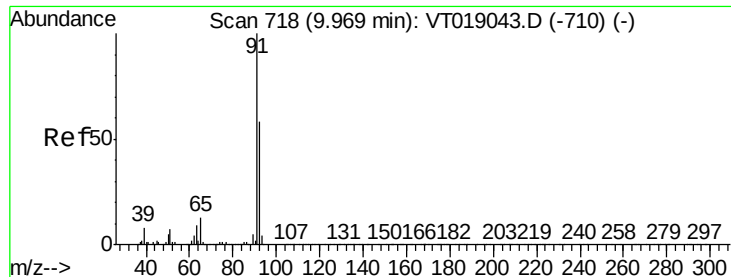
Tot Ion	Ratio	Lower	Upper
113	100		
111	96.9	84.0	126.0
192	14.7	12.9	19.3



#49
 Toluene-d8
 Concen: 11.40 ug/l
 RT: 9.91 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VT019079.D
 Acq: 10 May 2018 16:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	57.2	50.0	75.0





#51

Toluene

Concen: 1.47 ug/l

RT: 9.97 min Scan# 718

Delta R.T. -0.00 min

Lab File: VT019079.D

Acq: 10 May 2018 16:49

Instrument :

MSVOA_T

ClientSampleId :

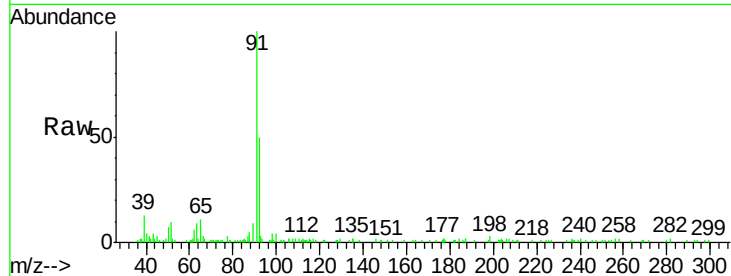
SU-03-050118-ARE

Tot Ion: 92 Resp: 17389

Ion Ratio Lower Upper

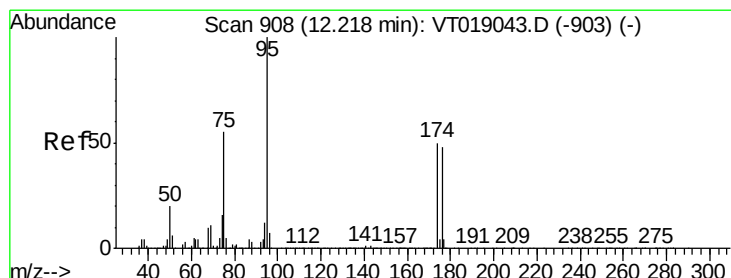
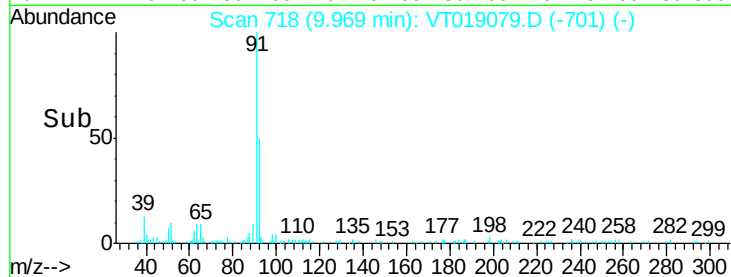
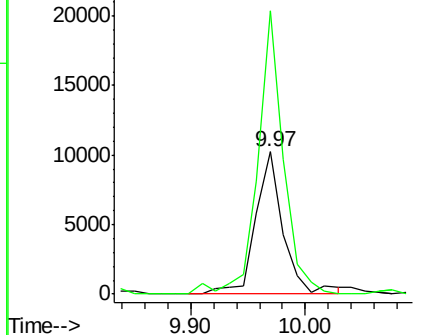
92 100

91 198.9 137.8 206.6



Abundance Ion 92.10 (91.80 to 92.80): VT0

Ion 91.10 (90.80 to 91.80): VT0



#61

4-Bromofluorobenzene

Concen: 22.13 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.01 min

Lab File: VT019079.D

Acq: 10 May 2018 16:49

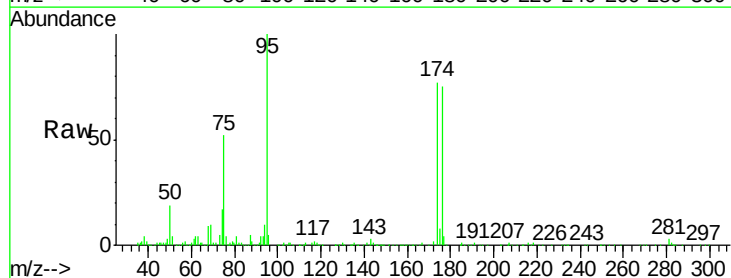
Tgt Ion: 95 Resp: 135651

Ion Ratio Lower Upper

95 100

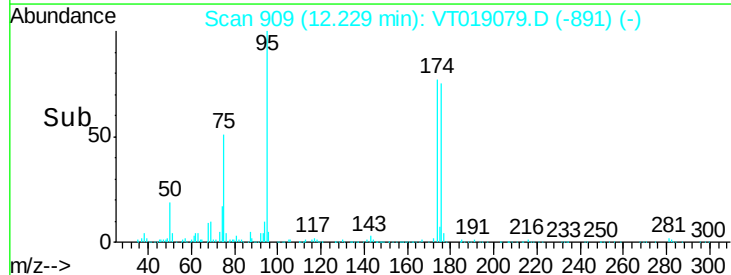
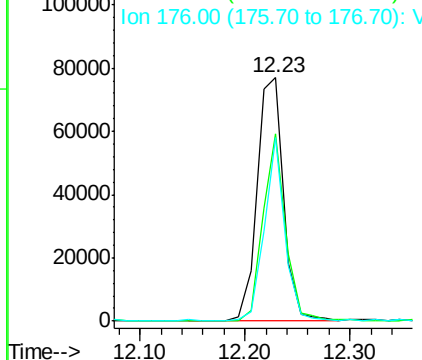
174 77.1 0.0 100.0

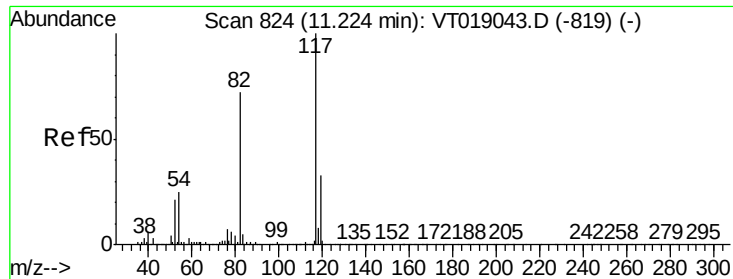
176 75.5 0.0 96.6



Abundance Ion 95.10 (94.80 to 95.80): VT0

Ion 174.00 (173.70 to 174.70): VT0





#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019079.D

Acq: 10 May 2018 16:49

Instrument :
MSVOA_T
ClientSampleId :
SU-03-050118-ARE

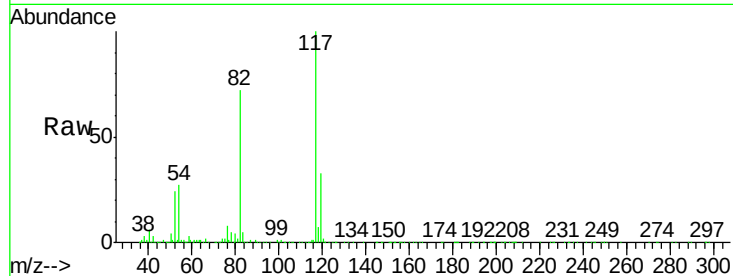
Tot Ion:117 Resp: 319766

Ion Ratio Lower Upper

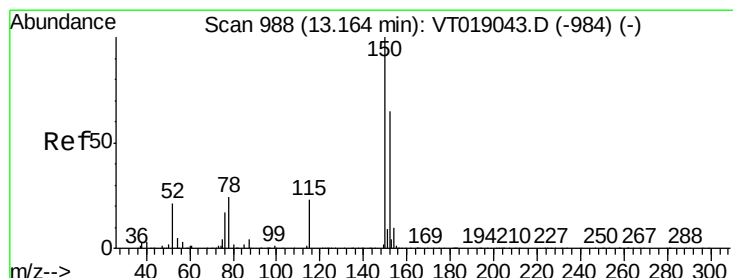
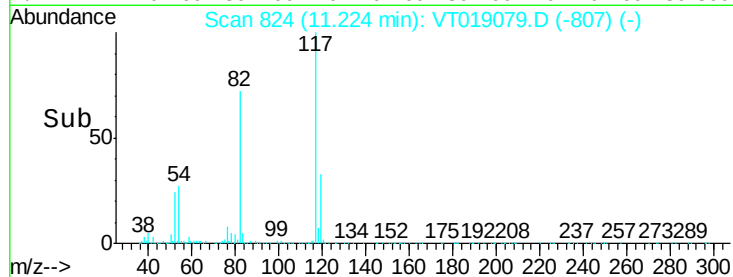
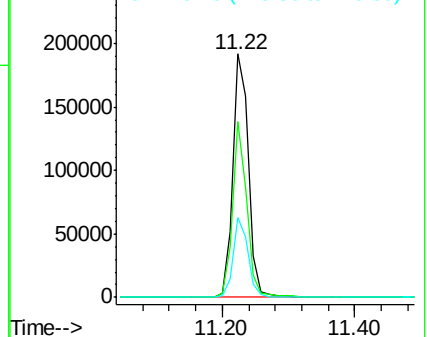
117 100

82 72.0 57.6 86.4

119 32.8 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: VT019079.D

Acq: 10 May 2018 16:49

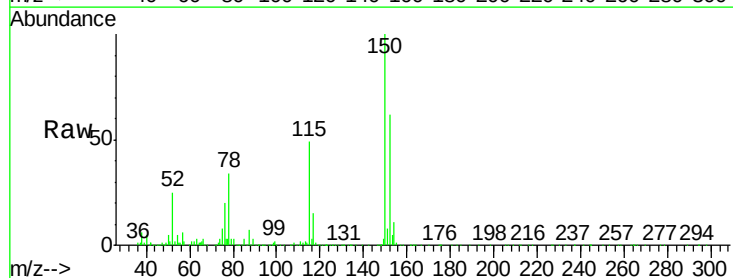
Tgt Ion:152 Resp: 108503

Ion Ratio Lower Upper

152 100

115 80.0 34.2 102.6

150 161.8 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

