

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019078.D
 Acq On : 10 May 2018 16:19
 Operator : SY/MD
 Sample : J2784-01
 Misc : 5.27g/5mL/MSVOA T/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 RO-160

Quant Time: May 10 17:09:41 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

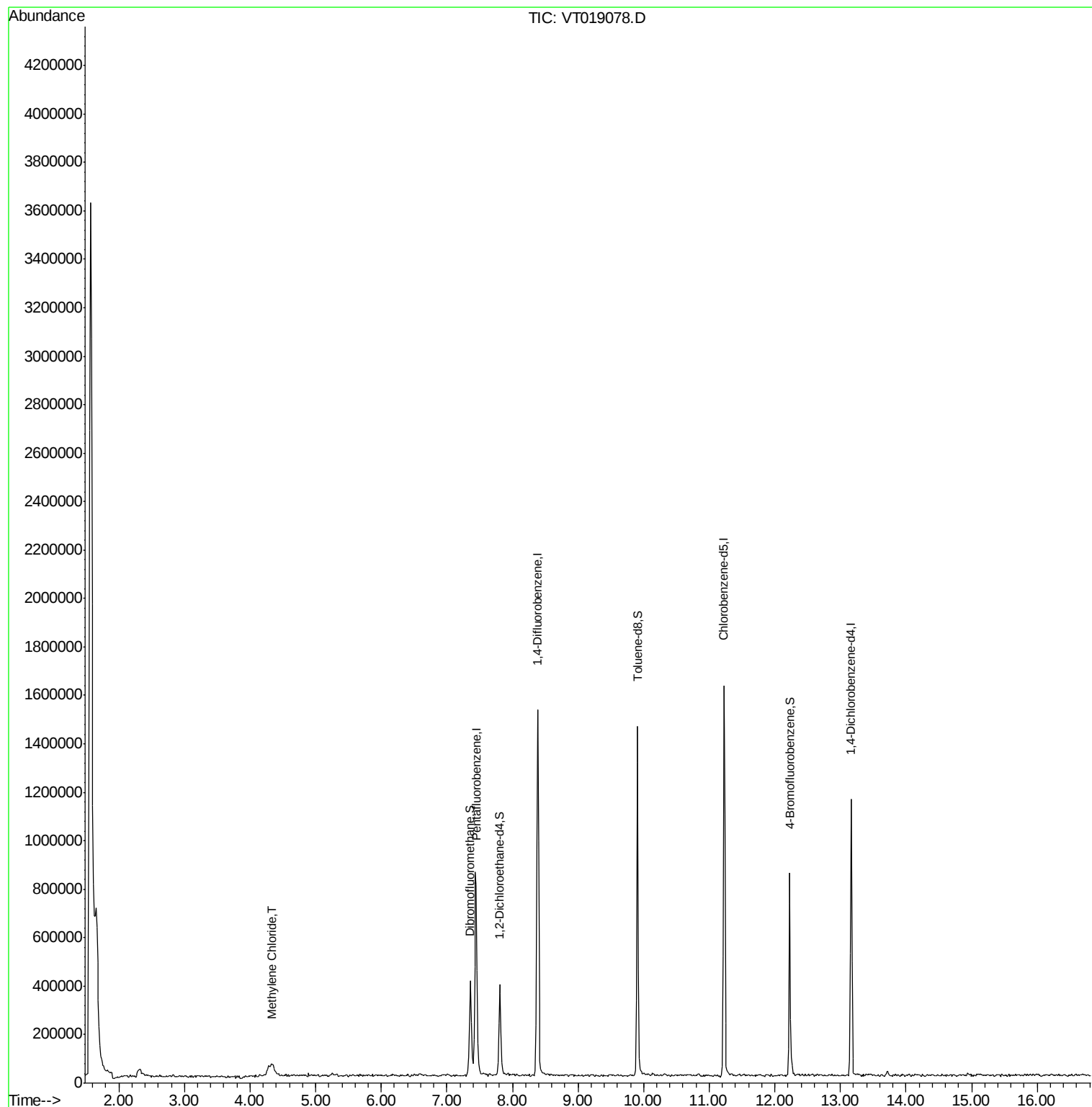
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	608769	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	1154099	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	788673	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	233308	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	336174	58.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.34%	
34) Dibromofluoromethane	7.35	113	318394	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
49) Toluene-d8	9.91	98	961400	34.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.36%	
61) 4-Bromofluorobenzene	12.23	95	302720	29.00	ug/l	0.01
Spiked Amount 50.000			Recovery	=	58.00%	
Target Compounds						
20) Methylene Chloride	4.32	84	76084m	11.52	ug/l	Qvalue

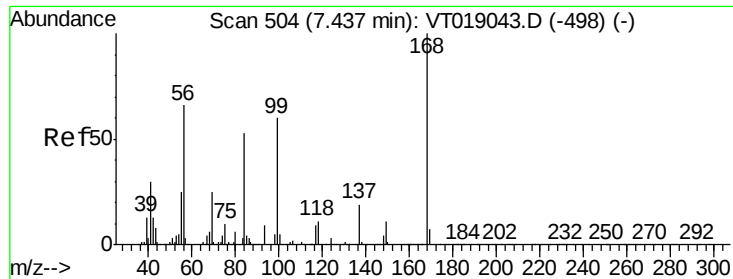
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VT019078.D

Acq: 10 May 2018 16:19

Instrument :

MSVOA_T

ClientSampleId :

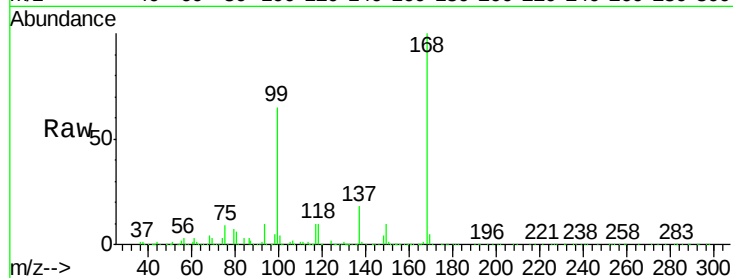
RO-160

Tot Ion:168 Resp: 608769

Ion Ratio Lower Upper

168 100

99 65.1 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

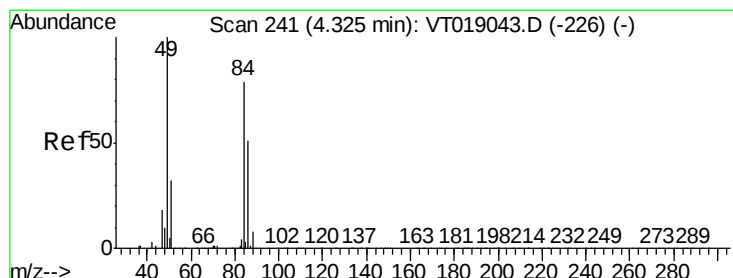
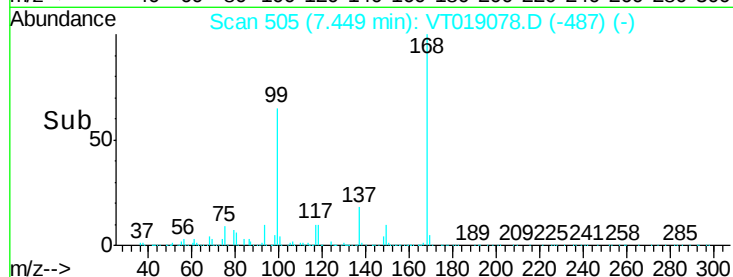
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 11.52 ug/l m

RT: 4.32 min Scan# 241

Delta R.T. -0.00 min

Lab File: VT019078.D

Acq: 10 May 2018 16:19

Tgt Ion: 84 Resp: 76084

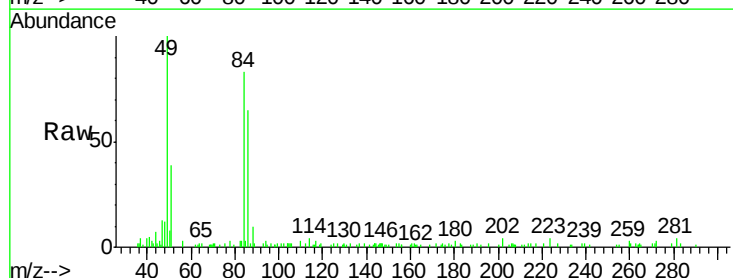
Ion Ratio Lower Upper

84 100

49 120.6 103.0 154.4

51 46.7 33.3 49.9

86 78.8 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

4.32

20000

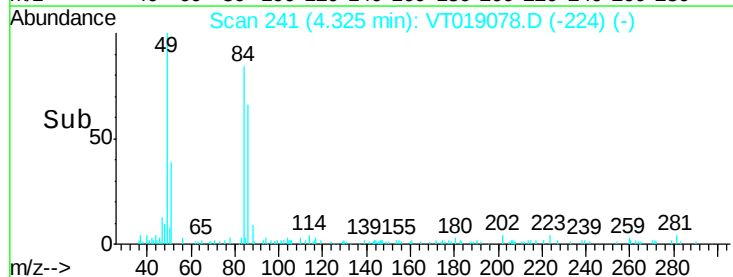
15000

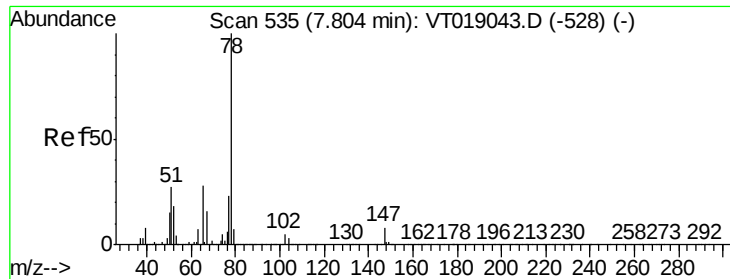
10000

5000

0

Time-->





#32

1,2-Dichloroethane-d4

Concen: 58.17 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019078.D

Acq: 10 May 2018 16:19

Instrument :

MSVOA_T

ClientSampleId :

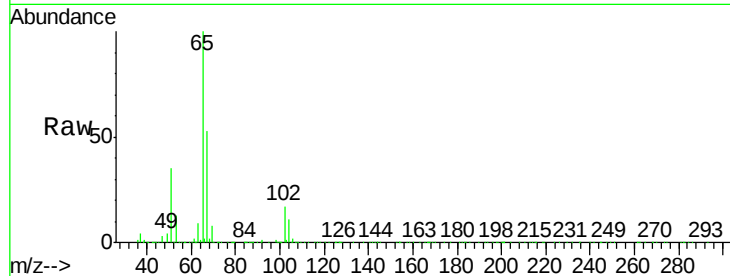
RO-160

Tot Ion: 65 Resp: 336174

Ion Ratio Lower Upper

65 100

67 53.4 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

7.80

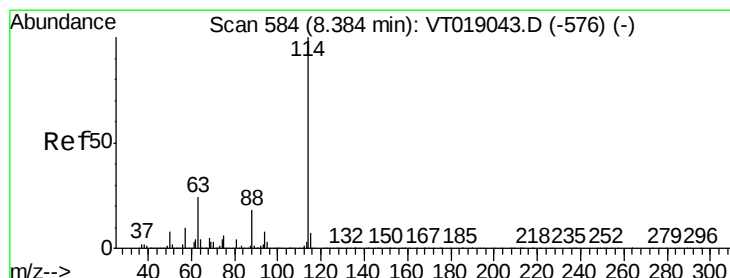
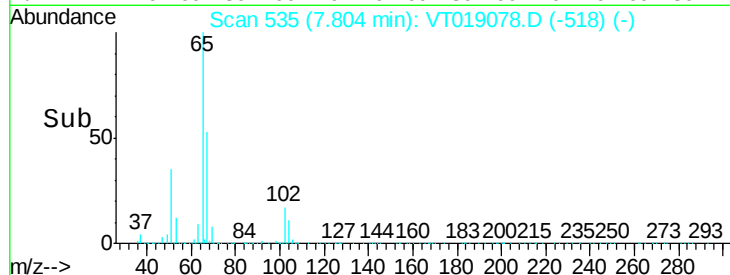
150000

100000

50000

0

Time--> 7.60 7.70 7.80 7.90 8.00



#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.38 min Scan# 584

Delta R.T. -0.00 min

Lab File: VT019078.D

Acq: 10 May 2018 16:19

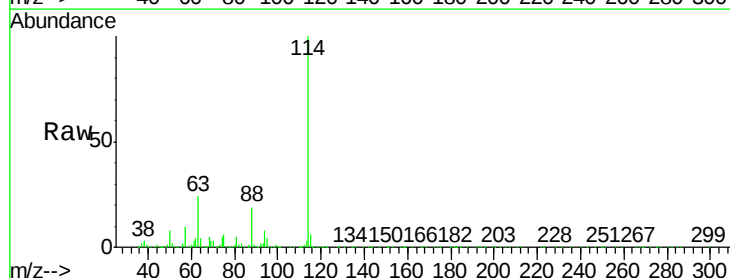
Tgt Ion: 114 Resp: 1154099

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.8

88 18.8 0.0 37.0



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VT0

Ion 88.10 (87.80 to 88.80): VT0

8.38

800000

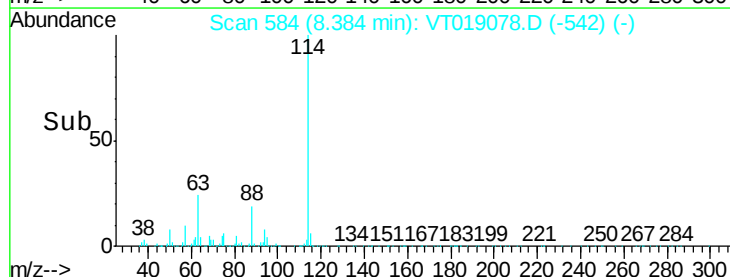
600000

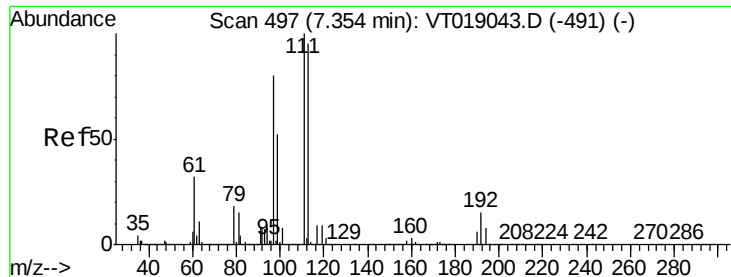
400000

200000

0

Time--> 8.20 8.40 8.60





#34

Dibromofluoromethane

Concen: 49.27 ug/l

RT: 7.35 min Scan# 497

Delta R.T. -0.00 min

Lab File: VT019078.D

Acq: 10 May 2018 16:19

Instrument :

MSVOA_T

ClientSampleId :

RO-160

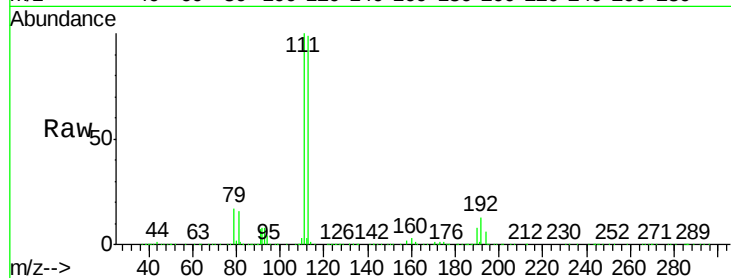
Tot Ion:113 Resp: 318394

Ion Ratio Lower Upper

113 100

111 100.9 84.0 126.0

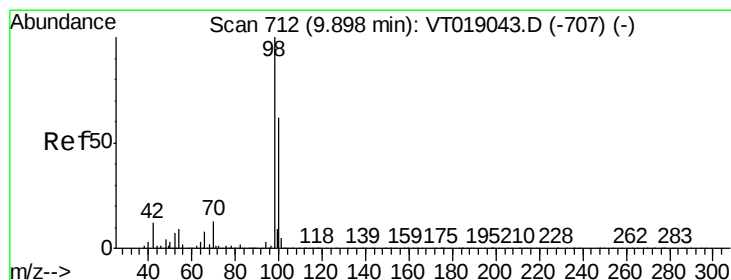
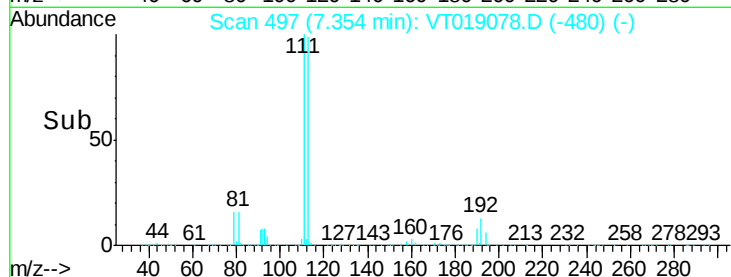
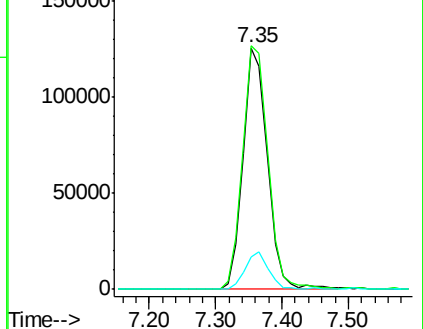
192 13.2 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#49

Toluene-d8

Concen: 34.68 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.01 min

Lab File: VT019078.D

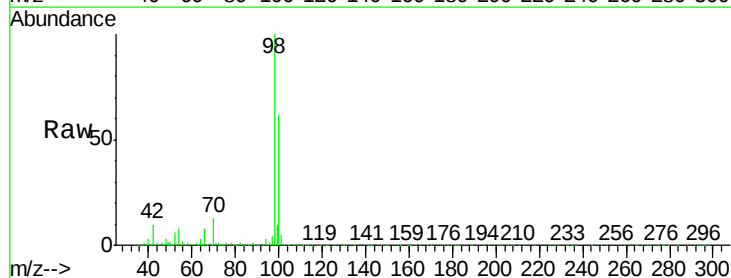
Acq: 10 May 2018 16:19

Tgt Ion: 98 Resp: 961400

Ion Ratio Lower Upper

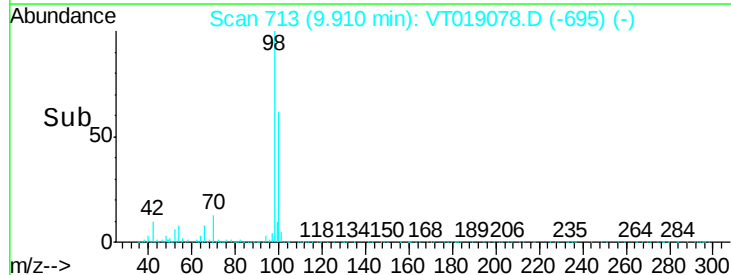
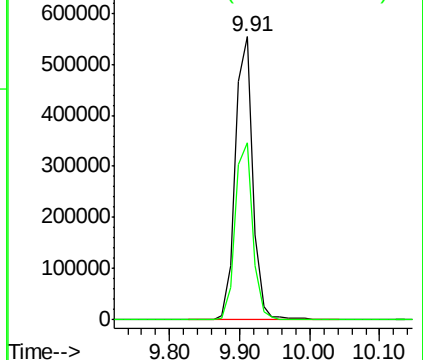
98 100

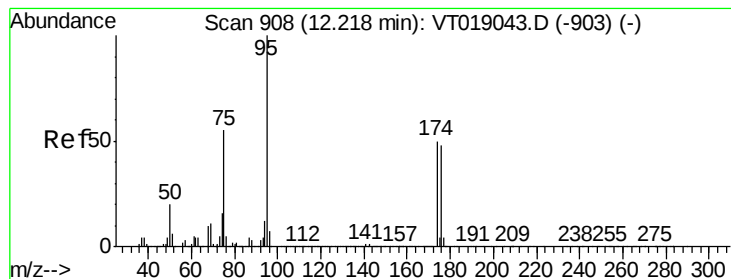
100 62.4 50.0 75.0



Abundance Ion 98.10 (97.80 to 98.80): VT0

Ion 100.10 (99.80 to 100.80): VT0





#61

4-Bromofluorobenzene

Concen: 29.00 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.01 min

Lab File: VT019078.D

Acq: 10 May 2018 16:19

Instrument :

MSVOA_T

ClientSampleId :

RO-160

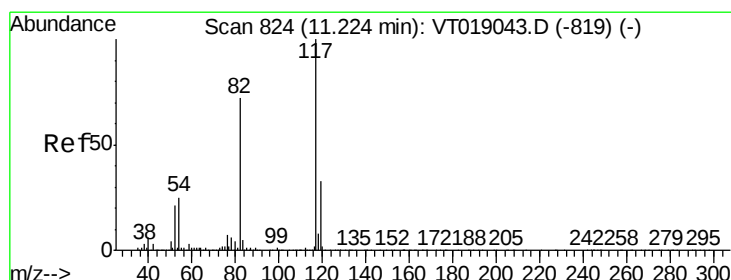
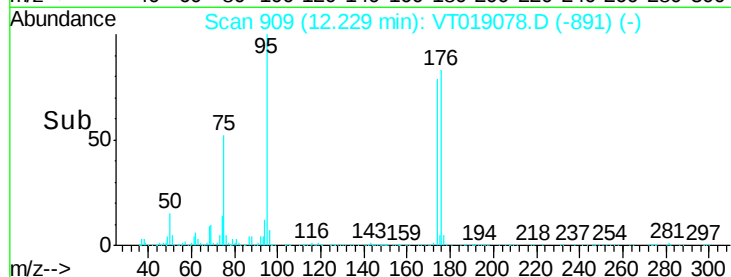
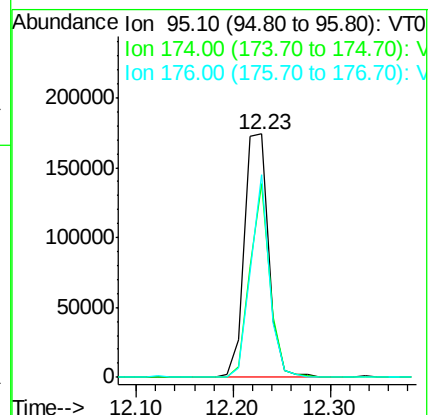
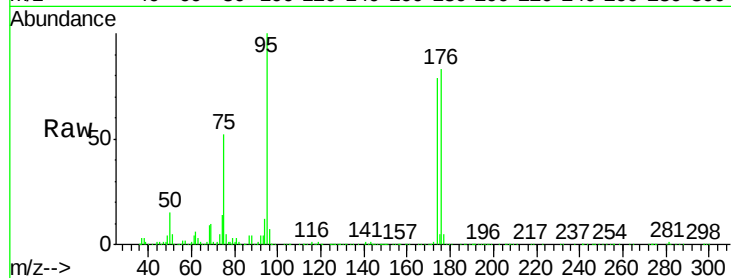
Tot Ion: 95 Resp: 302720

Ion Ratio Lower Upper

95 100

174 79.5 0.0 100.0

176 83.3 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: VT019078.D

Acq: 10 May 2018 16:19

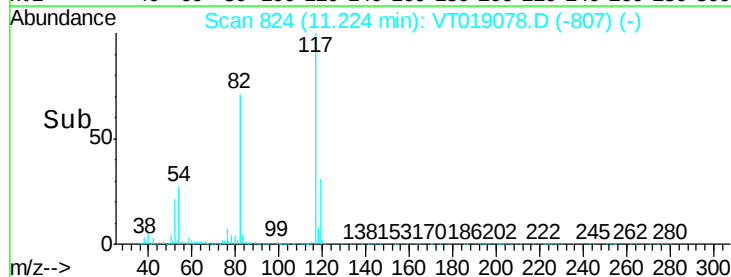
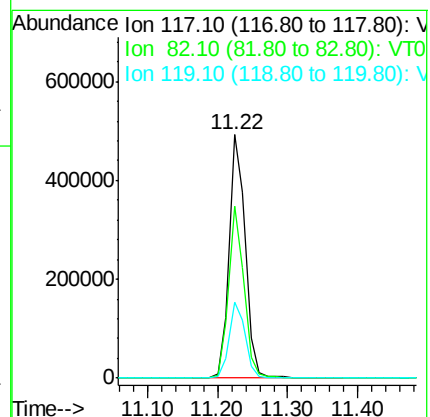
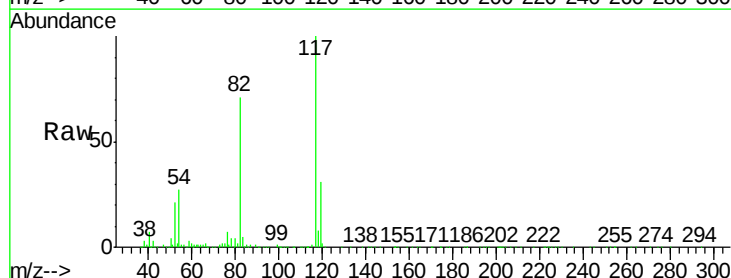
Tgt Ion: 117 Resp: 788673

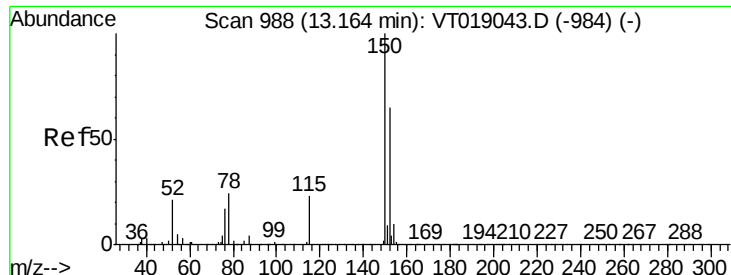
Ion Ratio Lower Upper

117 100

82 70.5 57.6 86.4

119 31.0 26.6 40.0





#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.16 min Scan# 988

Delta R.T. -0.00 min

Lab File: VT019078.D

Acq: 10 May 2018 16:19

Instrument :

MSVOA_T

ClientSampleId :

RO-160

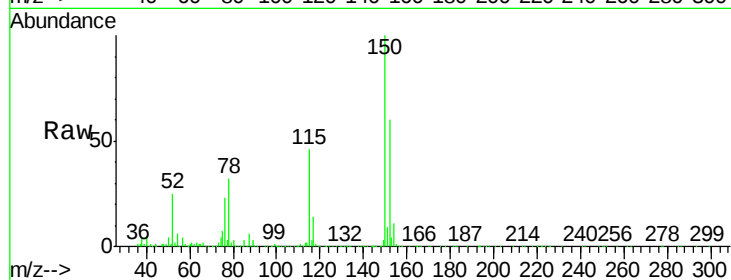
Tot Ion:152 Resp: 233308

Ion Ratio Lower Upper

152 100

115 76.1 34.2 102.6

150 166.8 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

