

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019077.D
 Acq On : 10 May 2018 15:48
 Operator : SY/MD
 Sample : J2791-04
 Misc : 10.29g/5mL/MSVOA T/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 FK-GF-01-004-B

Quant Time: May 10 17:02:29 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

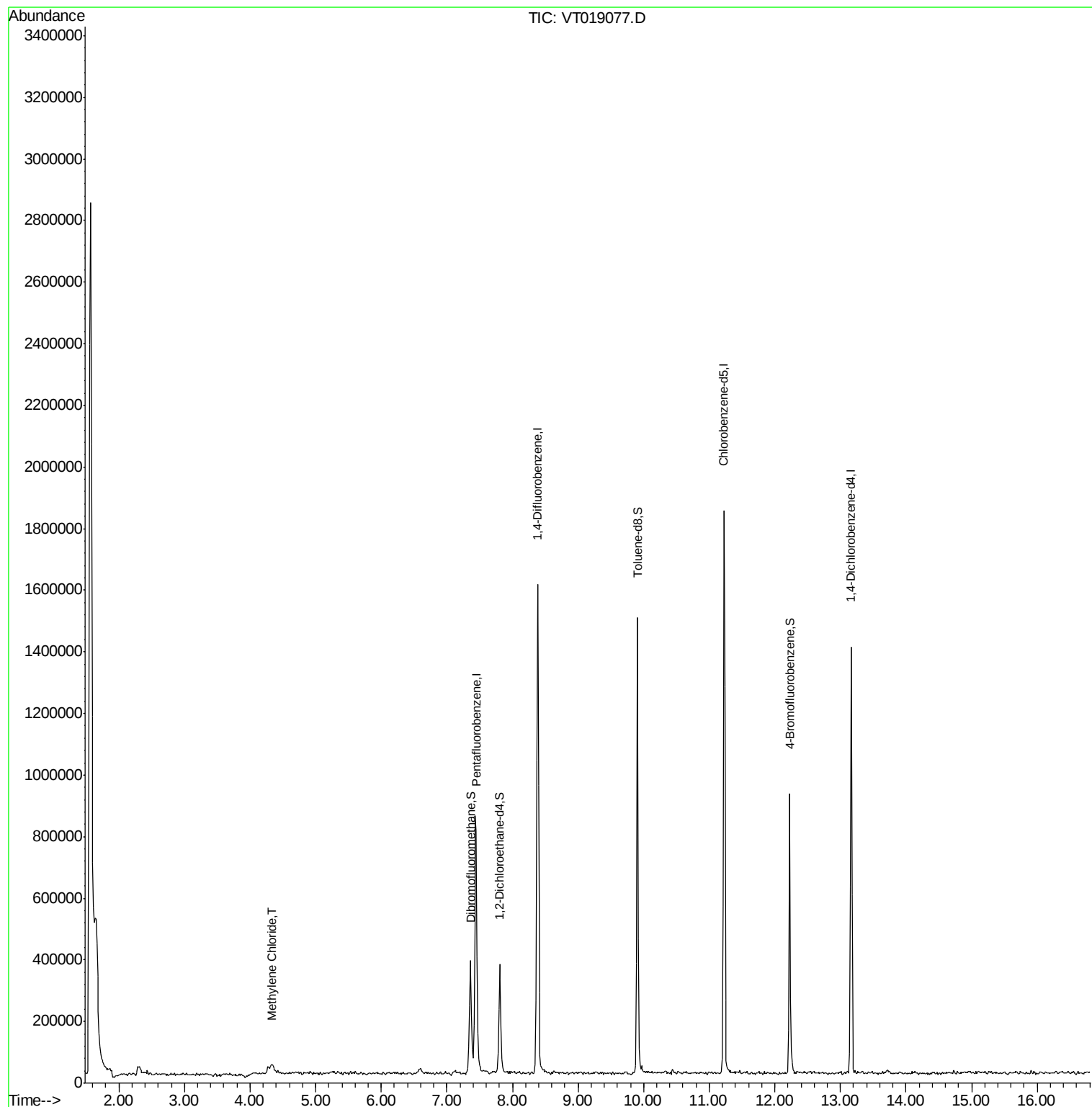
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	607185	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	1203583	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	890032	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	283619	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	307868	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
34) Dibromofluoromethane	7.37	113	299778	44.48	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.96%	
49) Toluene-d8	9.91	98	1042966	36.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	72.14%	
61) 4-Bromofluorobenzene	12.23	95	318306	29.24	ug/l	0.01
Spiked Amount 50.000			Recovery	=	58.48%	
Target Compounds						
20) Methylene Chloride	4.33	84	39776	6.04	ug/l	Qvalue # 92

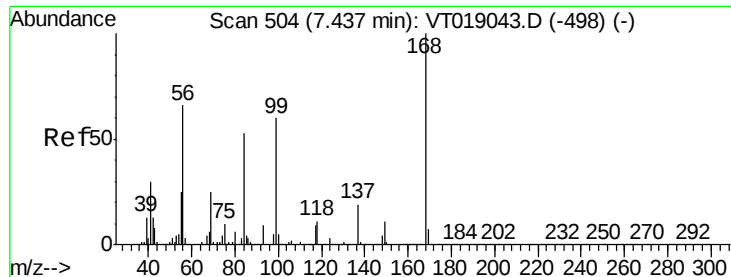
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 10 07:01:04 2018
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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: VT019077.D

Acq: 10 May 2018 15:48

Instrument :

MSVOA_T

ClientSampleId :

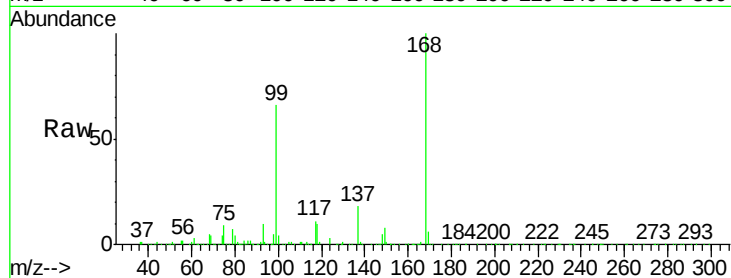
FK-GF-01-004-B

Tot Ion:168 Resp: 607185

Ion Ratio Lower Upper

168 100

99 66.0 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

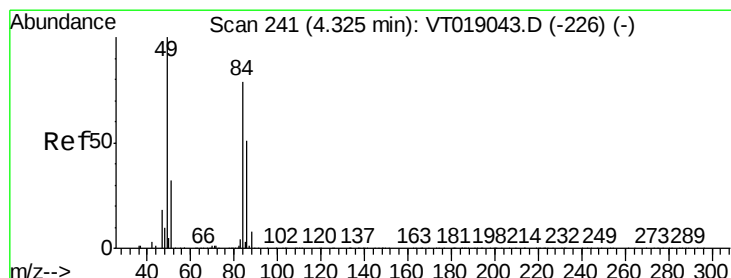
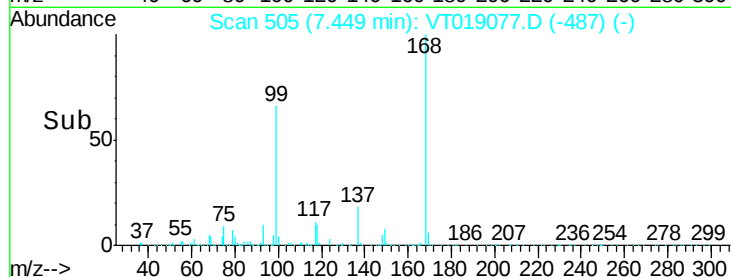
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.04 ug/l

RT: 4.33 min Scan# 241

Delta R.T. -0.00 min

Lab File: VT019077.D

Acq: 10 May 2018 15:48

Tgt Ion: 84 Resp: 39776

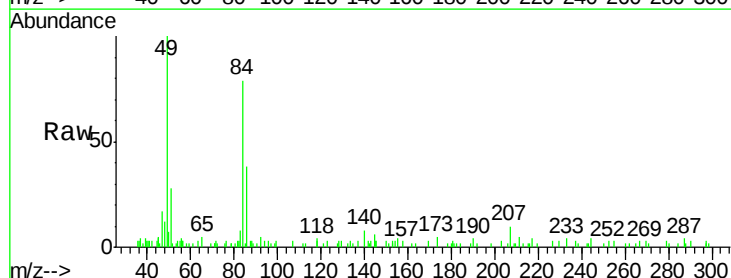
Ion Ratio Lower Upper

84 100

49 126.7 103.0 154.4

51 37.8 33.3 49.9

86 47.9 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

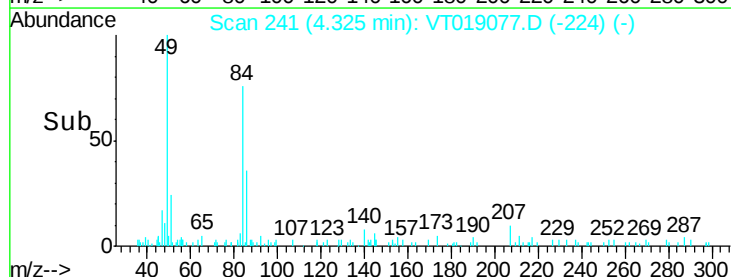
4.33

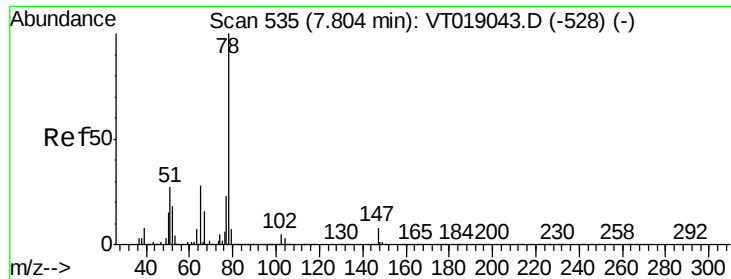
10000

5000

0

Time-->





#32

1,2-Dichloroethane-d4

Concen: 53.41 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019077.D

Acq: 10 May 2018 15:48

Instrument :

MSVOA_T

ClientSampleId :

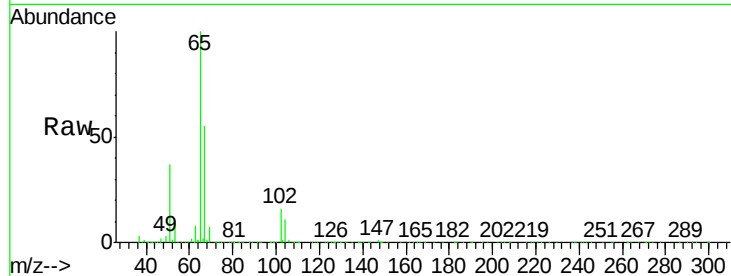
FK-GF-01-004-B

Tot Ion: 65 Resp: 307868

Ion Ratio Lower Upper

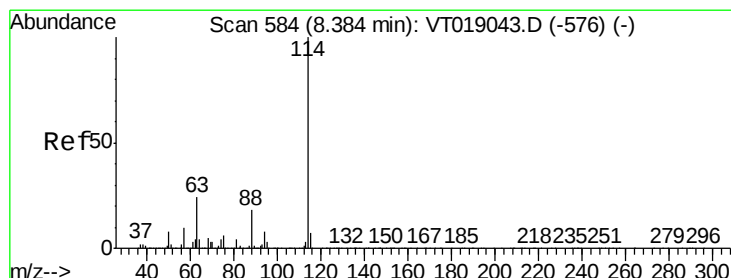
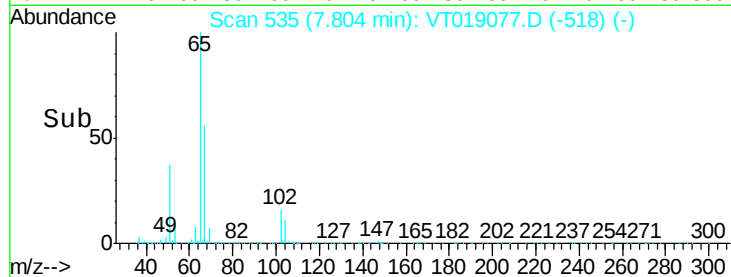
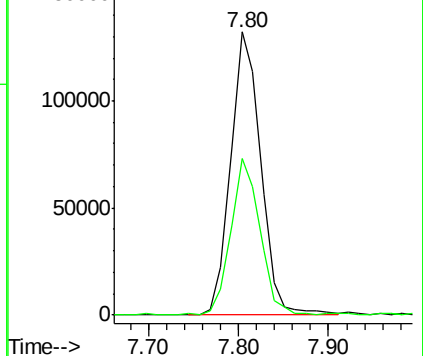
65 100

67 55.5 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: VT019077.D

Acq: 10 May 2018 15:48

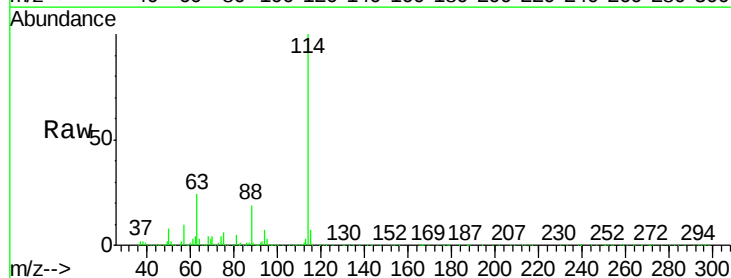
Tgt Ion: 114 Resp: 1203583

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.8

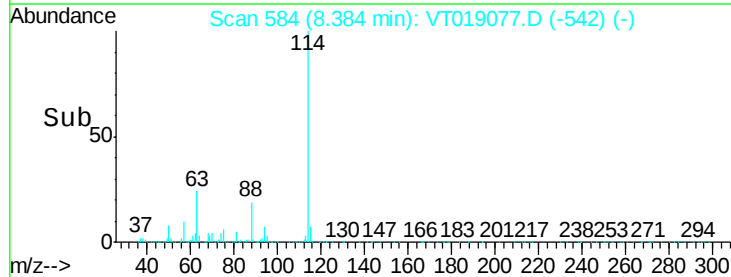
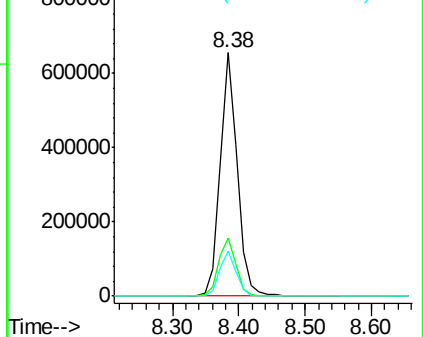
88 18.8 0.0 37.0

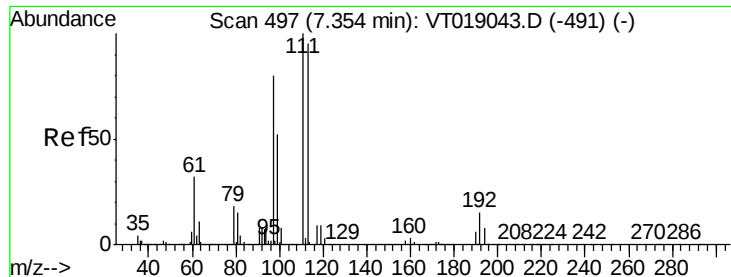


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VT0

Ion 88.10 (87.80 to 88.80): VT0

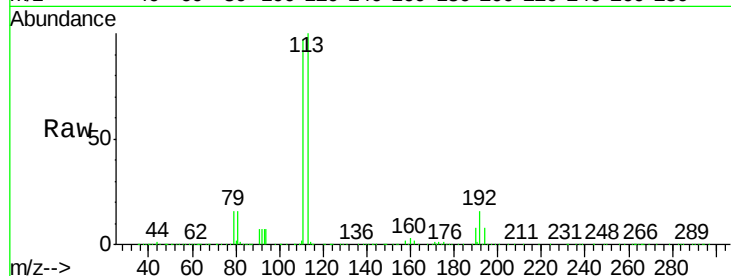




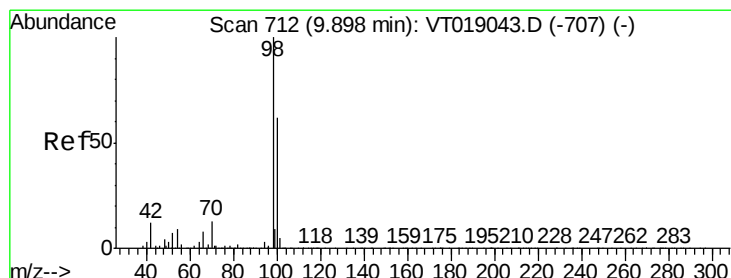
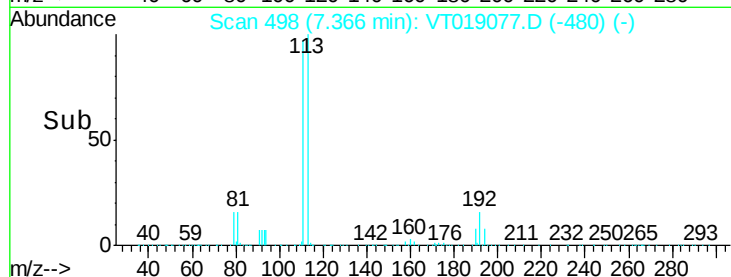
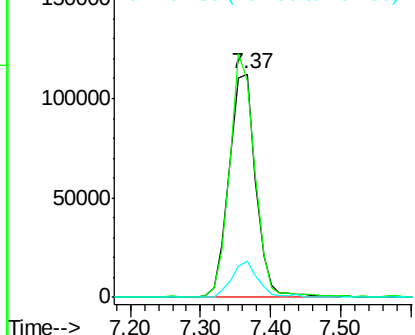
#34
Dibromofluoromethane
Concen: 44.48 ug/l
RT: 7.37 min Scan# 498
Delta R.T. 0.01 min
Lab File: VT019077.D
Acq: 10 May 2018 15:48

Instrument :
MSVOA_T
ClientSampleId :
FK-GF-01-004-B

Tot Ion:113 Resp: 299778
Ion Ratio Lower Upper
113 100
111 96.9 84.0 126.0
192 16.3 12.9 19.3

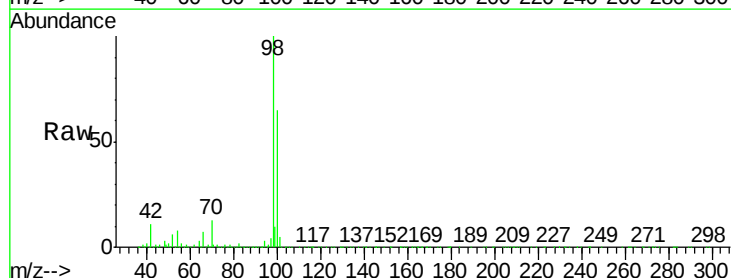


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

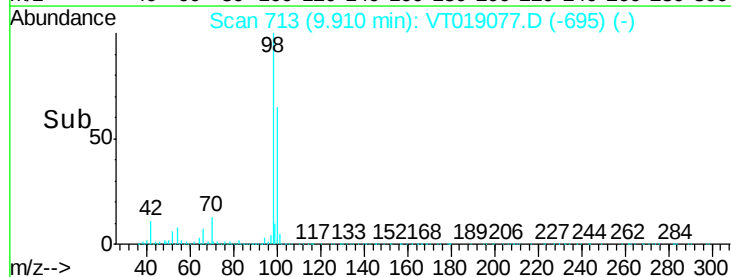
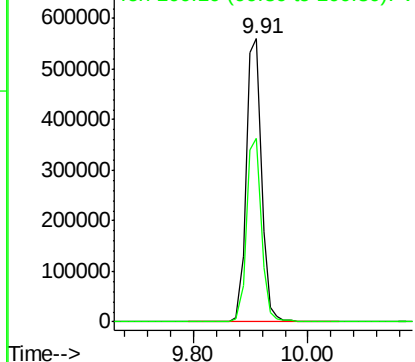


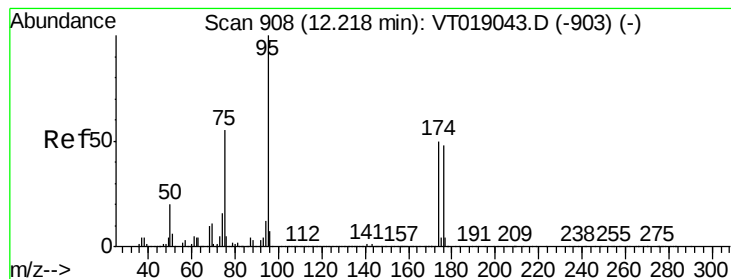
#49
Toluene-d8
Concen: 36.07 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.01 min
Lab File: VT019077.D
Acq: 10 May 2018 15:48

Tgt Ion: 98 Resp: 1042966
Ion Ratio Lower Upper
98 100
100 64.8 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: 29.24 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.01 min

Lab File: VT019077.D

Acq: 10 May 2018 15:48

Instrument :

MSVOA_T

ClientSampleId :

FK-GF-01-004-B

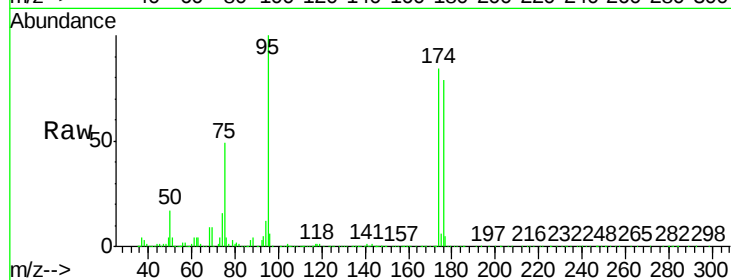
Tot Ion: 95 Resp: 318306

Ion Ratio Lower Upper

95 100

174 83.8 0.0 100.0

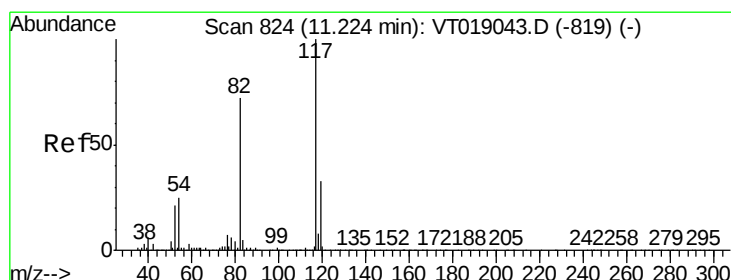
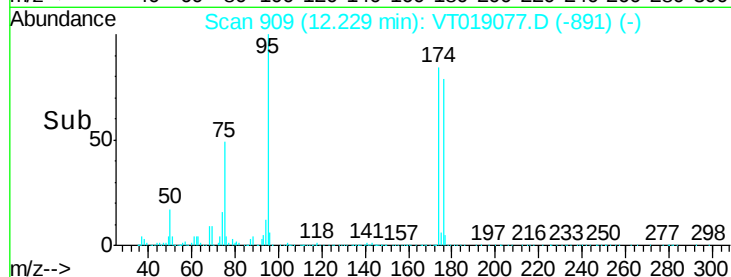
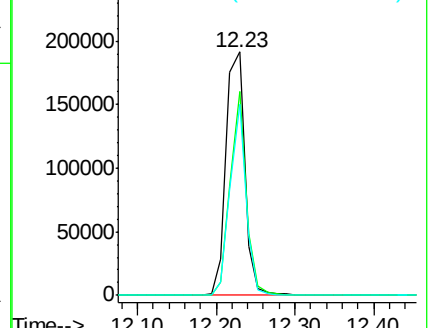
176 78.6 0.0 96.6



Abundance Ion 95.10 (94.80 to 95.80): VT019077.D (-891) (-)

Ion 174.00 (173.70 to 174.70): VT019077.D (-891) (-)

Ion 176.00 (175.70 to 176.70): VT019077.D (-891) (-)



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019077.D

Acq: 10 May 2018 15:48

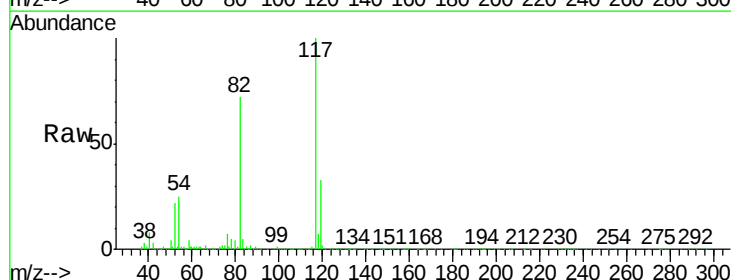
Tgt Ion: 117 Resp: 890032

Ion Ratio Lower Upper

117 100

82 72.3 57.6 86.4

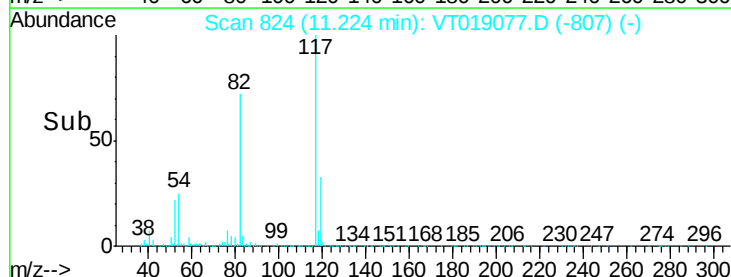
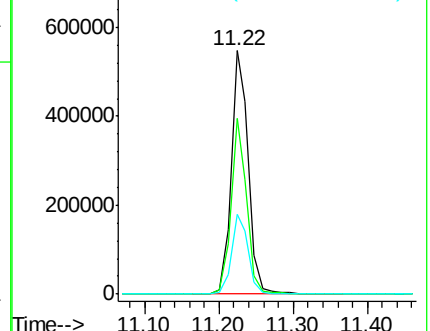
119 32.5 26.6 40.0

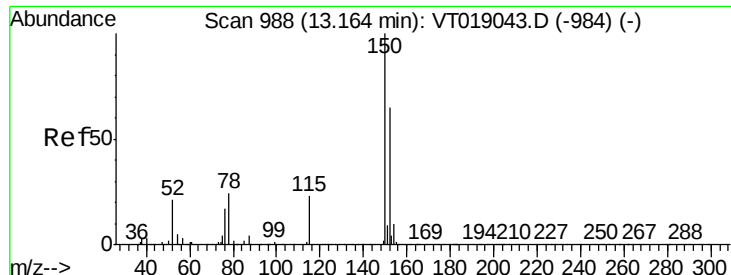


Abundance Ion 117.10 (116.80 to 117.80): VT019077.D (-807) (-)

Ion 82.10 (81.80 to 82.80): VT019077.D (-807) (-)

Ion 119.10 (118.80 to 119.80): VT019077.D (-807) (-)





#71
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.16 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: VT019077.D
 Acq: 10 May 2018 15:48

Instrument :
 MSVOA_T
 ClientSampleId :
 FK-GF-01-004-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	73.4	34.2	102.6
150	160.4	0.0	321.2

