

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019076.D
 Acq On : 10 May 2018 15:17
 Operator : SY/MD
 Sample : J2791-02
 Misc : 9.66g/5mL/MSVOA T/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 10 17:30:50 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	624348	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	1242086	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	929186	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	312689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) 1,2-Dichloroethane-d4	7.80	65	352680	59.51	ug/l	0.00
Spiked Amount			Recovery	=	119.02%	
34) Dibromofluoromethane	7.35	113	334213	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
49) Toluene-d8	9.91	98	1213036	40.65	ug/l	0.01
Spiked Amount			Recovery	=	81.30%	
61) 4-Bromofluorobenzene	12.23	95	393659	35.04	ug/l	0.01
Spiked Amount			Recovery	=	70.08%	

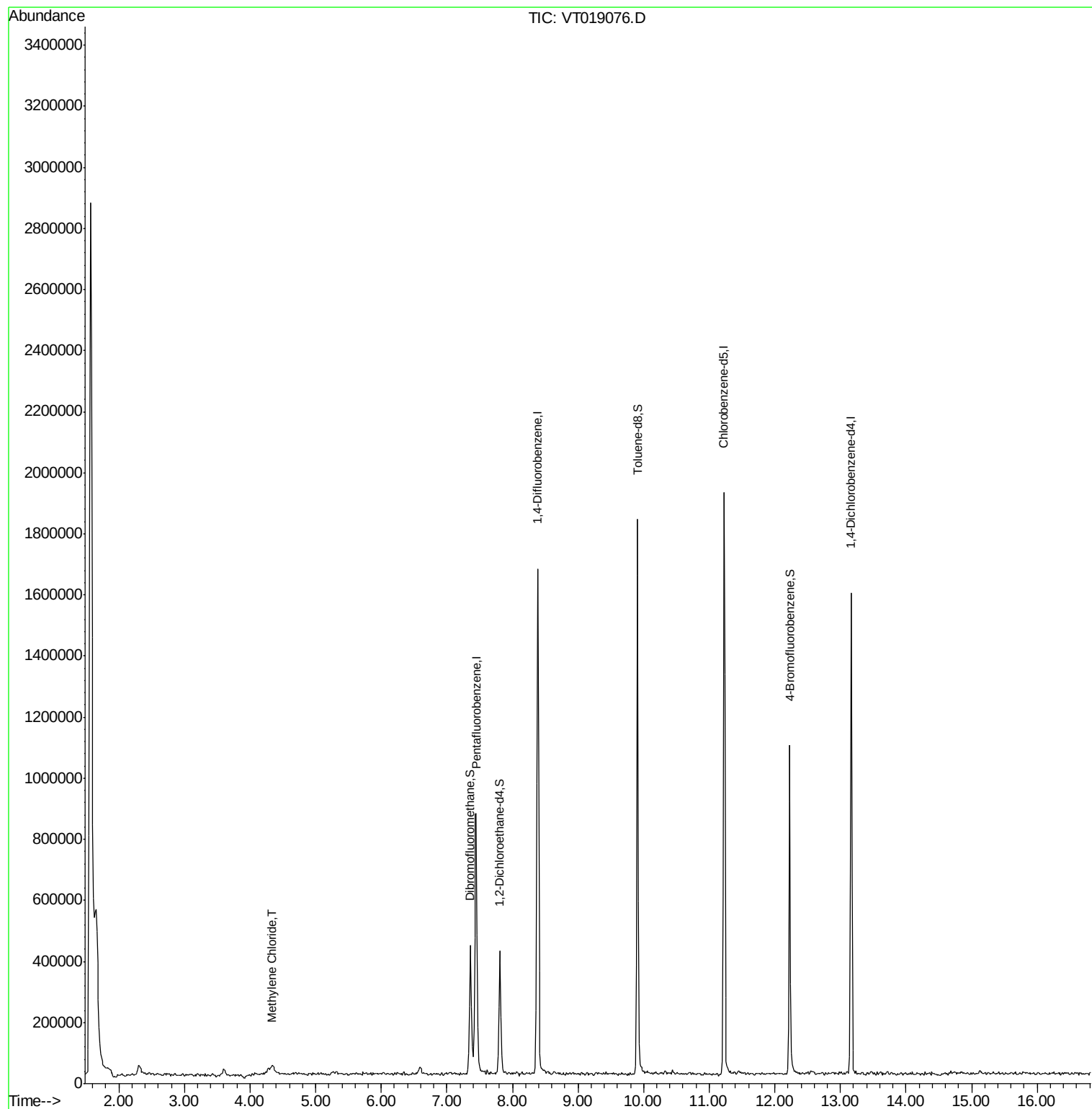
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.33	84	37337m	5.51	ug/l	

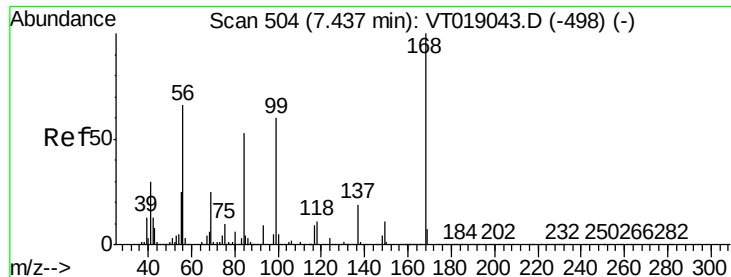
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VT019076.D

Acq: 10 May 2018 15:17

Instrument :

MSVOA_T

ClientSampleId :

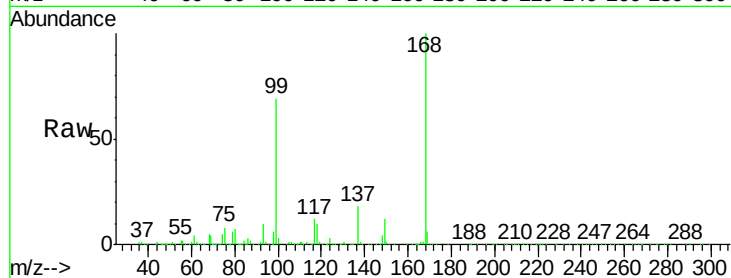
FK-GF-01-004-A

Tot Ion:168 Resp: 624348

Ion Ratio Lower Upper

168 100

99 69.0 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

300000

250000

200000

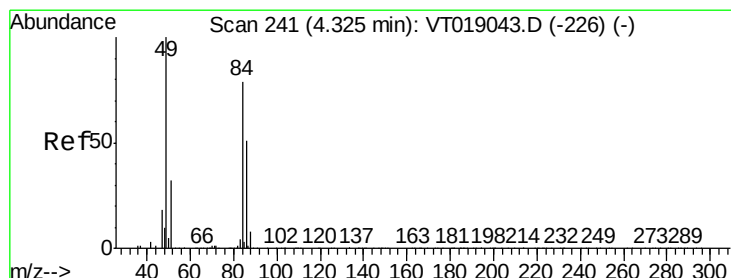
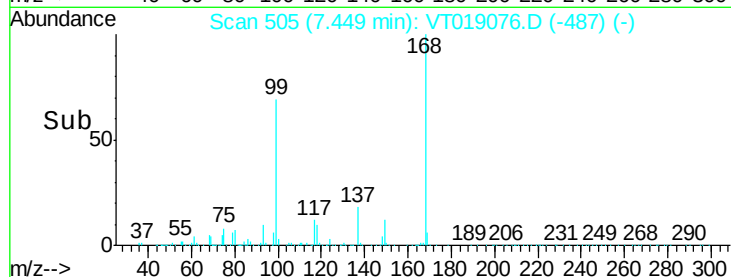
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#20

Methylene Chloride

Concen: 5.51 ug/l m

RT: 4.33 min Scan# 241

Delta R.T. -0.00 min

Lab File: VT019076.D

Acq: 10 May 2018 15:17

Tgt Ion: 84 Resp: 37337

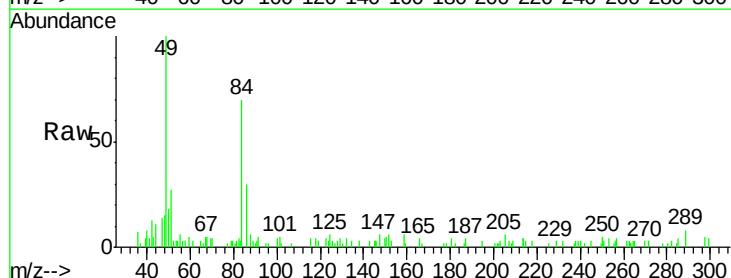
Ion Ratio Lower Upper

84 100

49 142.7 103.0 154.4

51 39.1 33.3 49.9

86 42.5 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

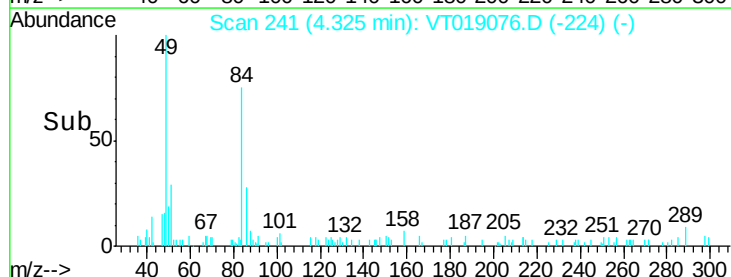
Ion 86.00 (85.70 to 86.70): VT0

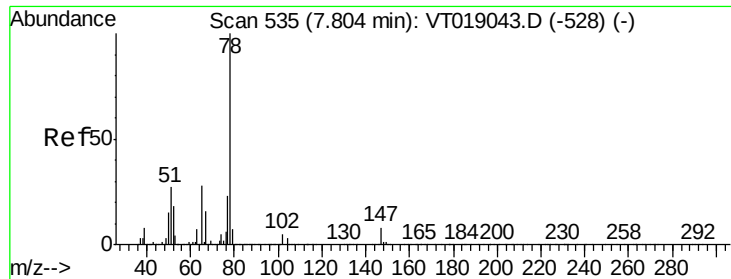
10000

5000

0

Time--> 4.20 4.40





#32

1,2-Dichloroethane-d4

Concen: 59.51 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019076.D

Acq: 10 May 2018 15:17

Instrument :

MSVOA_T

ClientSampleId :

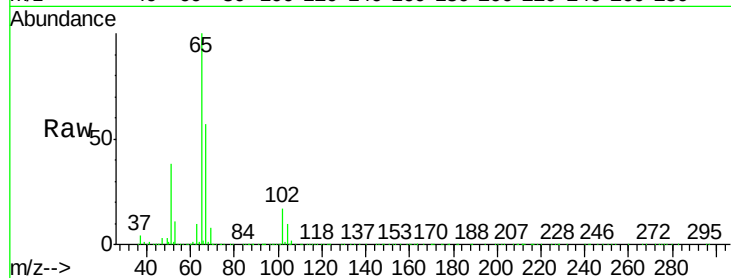
FK-GF-01-004-A

Tot Ion: 65 Resp: 352680

Ion Ratio Lower Upper

65 100

67 56.7 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

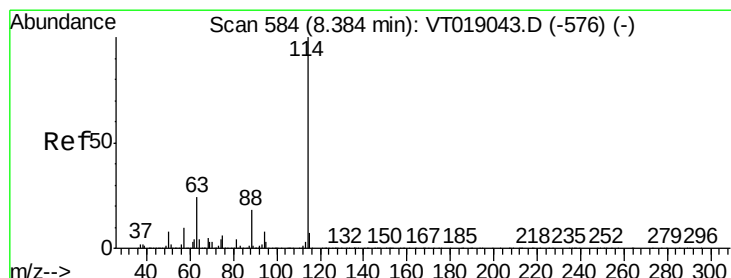
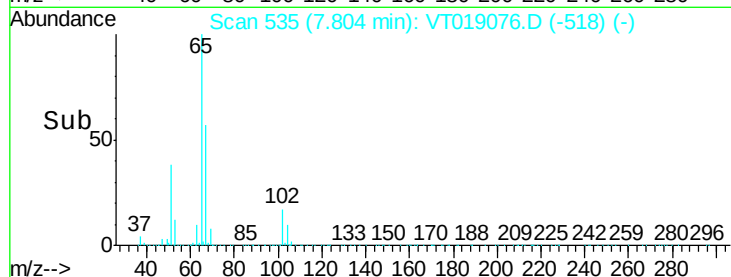
100000

50000

0

Time-->

7.70 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: VT019076.D

Acq: 10 May 2018 15:17

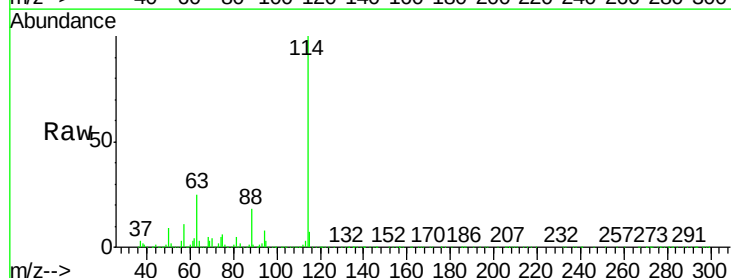
Tgt Ion: 114 Resp: 1242086

Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.8

88 18.5 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

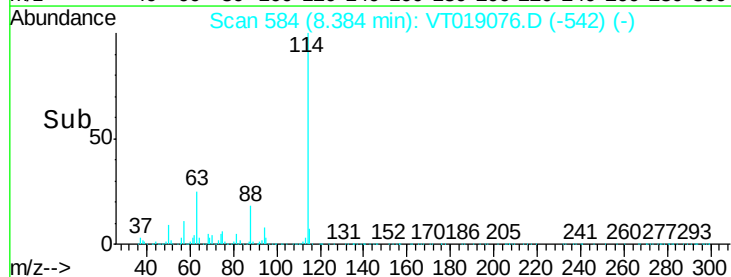
400000

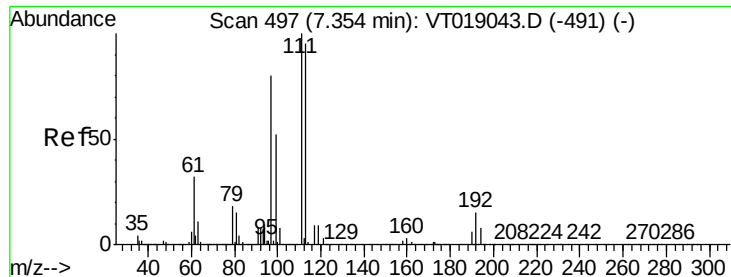
200000

0

Time-->

8.20 8.30 8.40 8.50 8.60

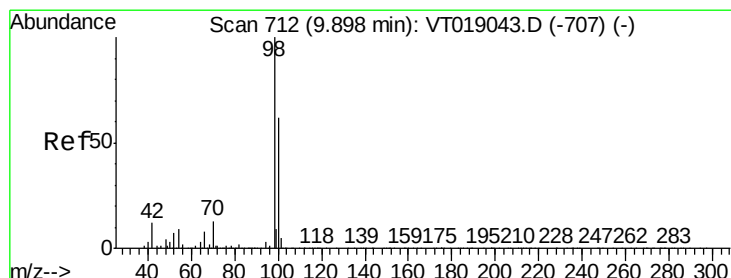
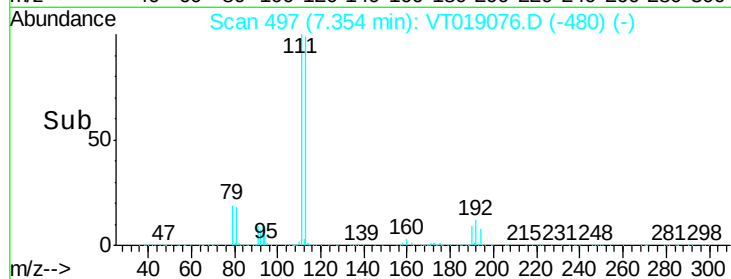
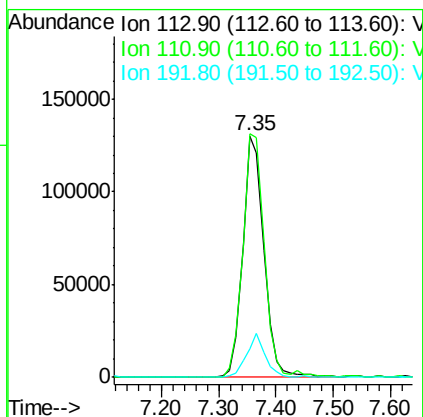
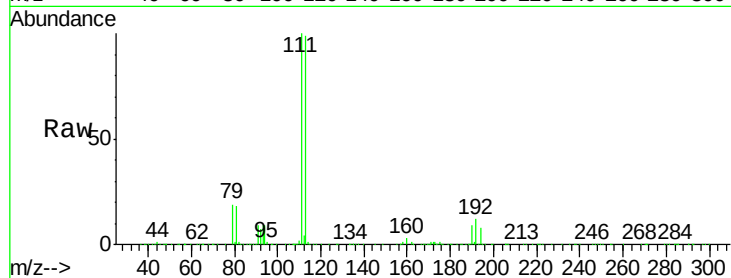




#34
 Dibromofluoromethane
 Concen: 48.05 ug/l
 RT: 7.35 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VT019076.D
 Acq: 10 May 2018 15:17

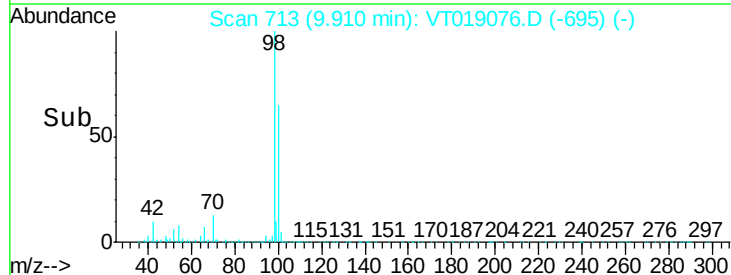
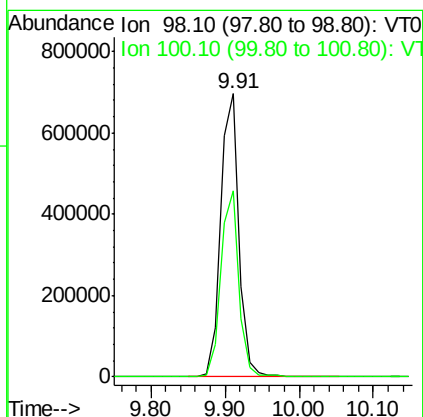
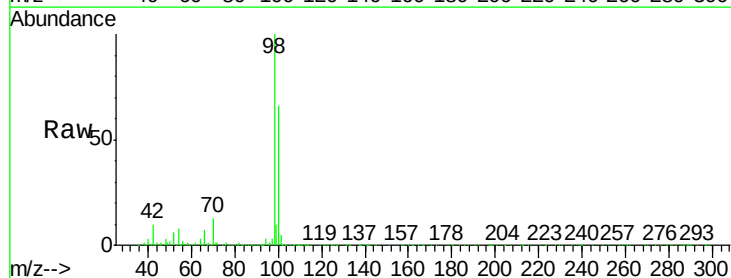
Instrument :
 MSVOA_T
 ClientSampleId :
 FK-GF-01-004-A

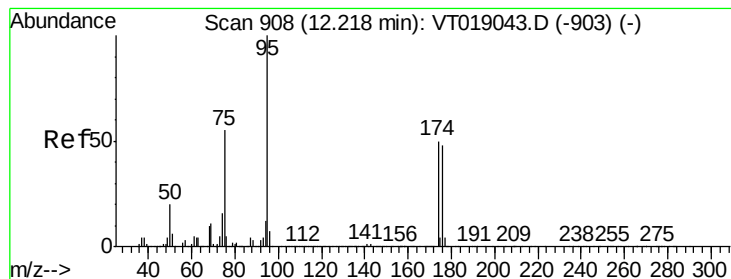
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	84.0	126.0
192	12.0	12.9	19.3#



#49
 Toluene-d8
 Concen: 40.65 ug/l
 RT: 9.91 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VT019076.D
 Acq: 10 May 2018 15:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.0	75.0





#61

4-Bromofluorobenzene

Concen: 35.04 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.01 min

Lab File: VT019076.D

Acq: 10 May 2018 15:17

Instrument :

MSVOA_T

ClientSampleId :

FK-GF-01-004-A

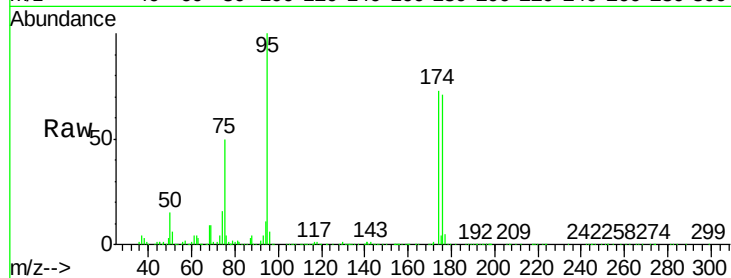
Tot Ion: 95 Resp: 393659

Ion Ratio Lower Upper

95 100

174 72.9 0.0 100.0

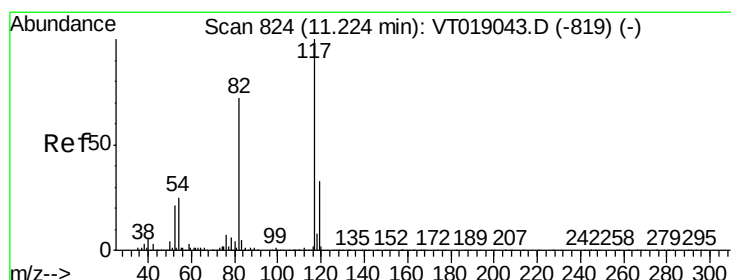
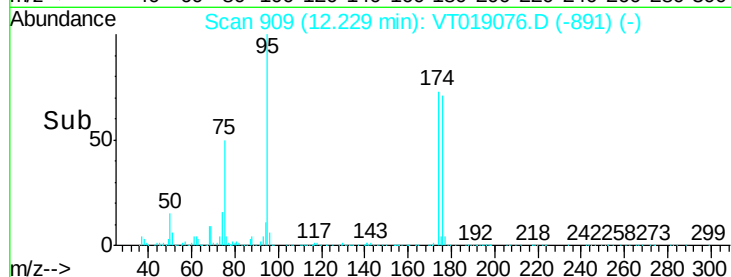
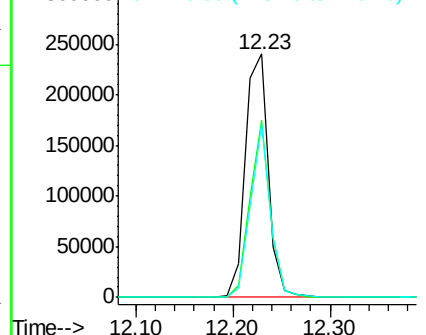
176 71.2 0.0 96.6



Abundance Ion 95.10 (94.80 to 95.80): VT019076.D (-891) (-)

Ion 174.00 (173.70 to 174.70): VT019076.D (-891) (-)

Ion 176.00 (175.70 to 176.70): VT019076.D (-891) (-)



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019076.D

Acq: 10 May 2018 15:17

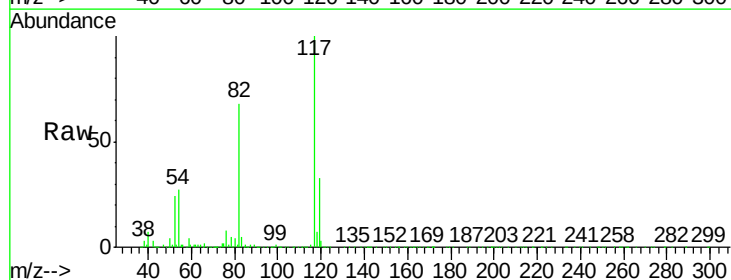
Tgt Ion: 117 Resp: 929186

Ion Ratio Lower Upper

117 100

82 68.1 57.6 86.4

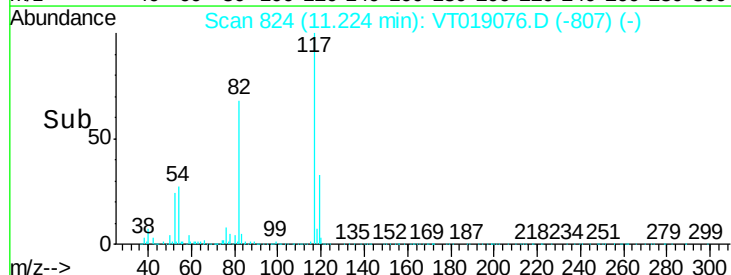
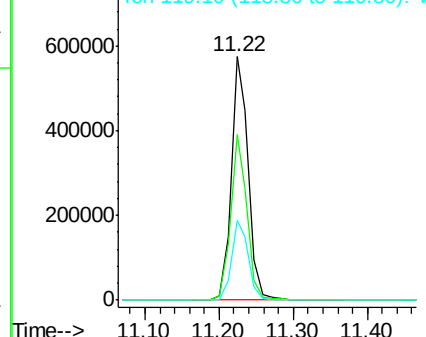
119 32.9 26.6 40.0

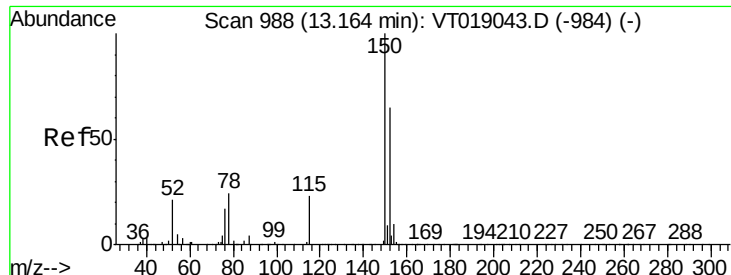


Abundance Ion 117.10 (116.80 to 117.80): VT019076.D (-807) (-)

Ion 82.10 (81.80 to 82.80): VT019076.D (-807) (-)

Ion 119.10 (118.80 to 119.80): VT019076.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: VT019076.D

Acq: 10 May 2018 15:17

Instrument :

MSVOA_T

ClientSampleId :

FK-GF-01-004-A

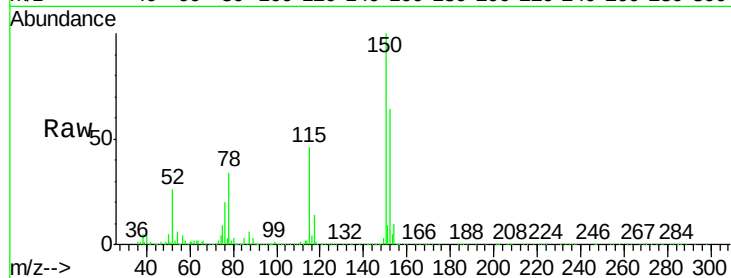
Tot Ion:152 Resp: 312689

Ion Ratio Lower Upper

152 100

115 71.8 34.2 102.6

150 156.5 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

