

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052119\
 Data File : VF062695.D
 Acq On : 21 May 2019 20:54
 Operator : FY/SY
 Sample : K2971-06RE
 Misc : 5.94g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SUP-2A-G-6-052019RE

Quant Time: May 22 04:44:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	771276	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1272770	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	860318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	413738	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	175318	32.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.34%	
35) Dibromofluoromethane	4.31	113	347869	35.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.44%	
50) Toluene-d8	7.71	98	699583	30.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.16%	
62) 4-Bromofluorobenzene	11.49	95	235234	26.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	53.34%	

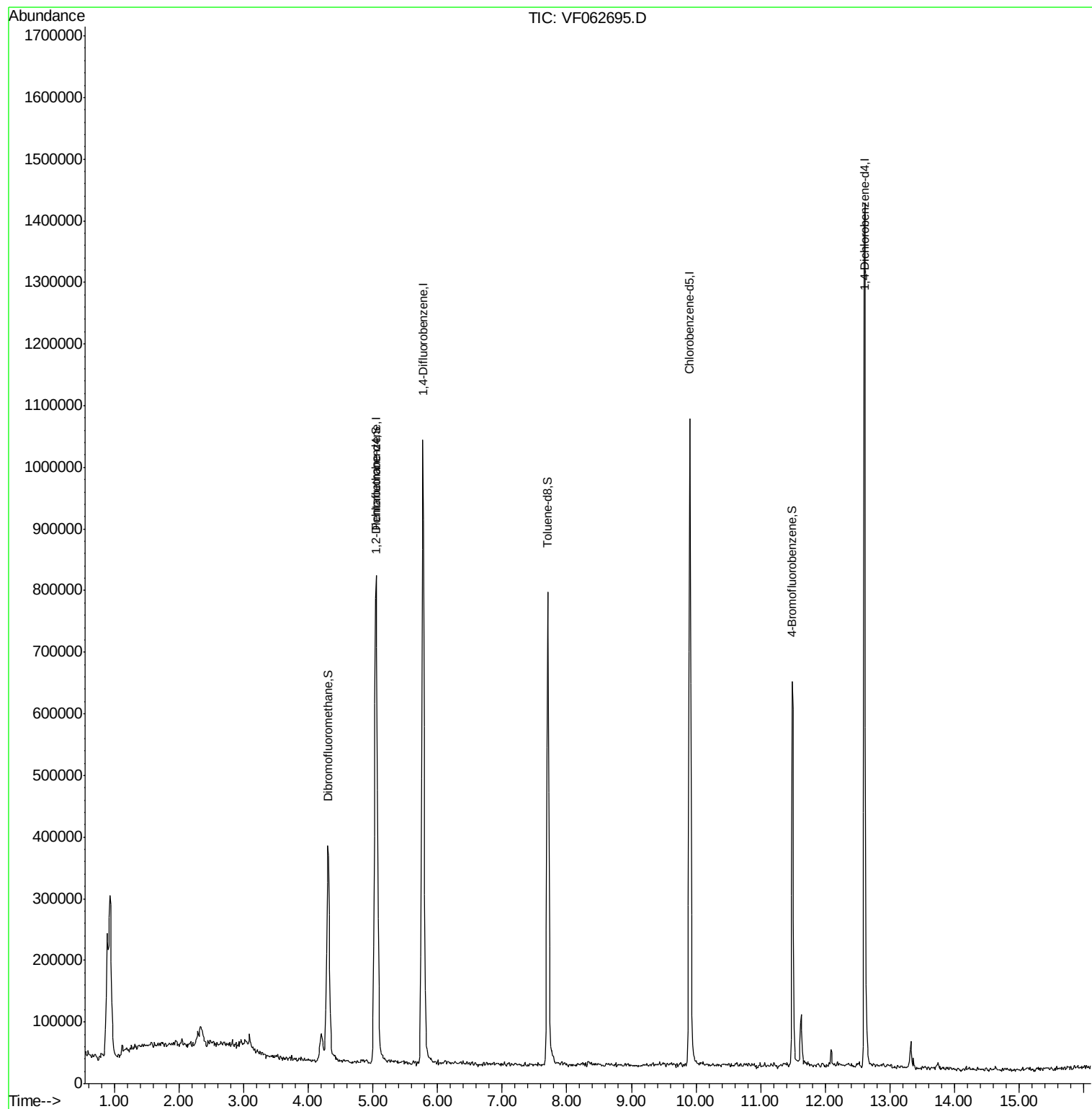
Target Compounds	Qvalue

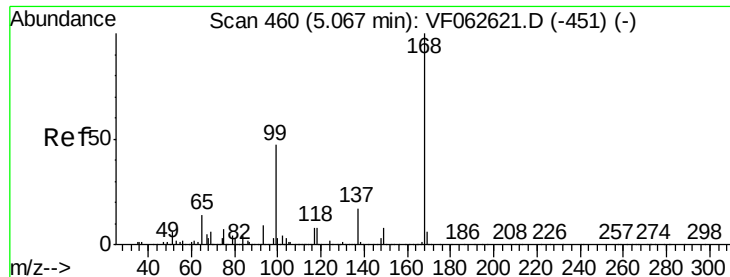
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062695.D

Acq: 21 May 2019 20:54

Instrument :

MSVOA_F

ClientSampleId :

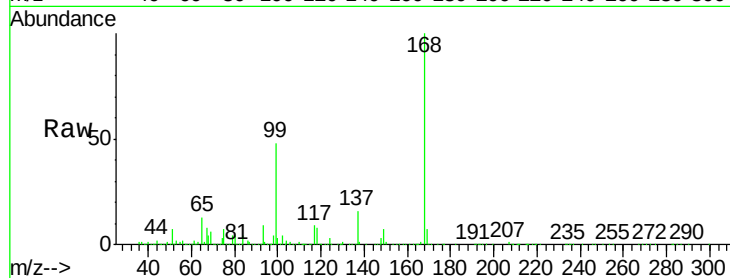
SUP-2A-G-6-052019RE

Tot Ion:168 Resp: 771276

Ion Ratio Lower Upper

168 100

99 48.3 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

250000

200000

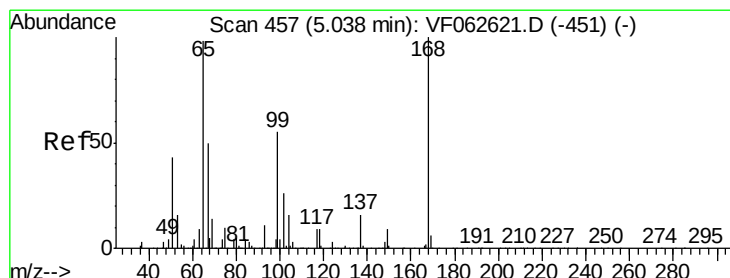
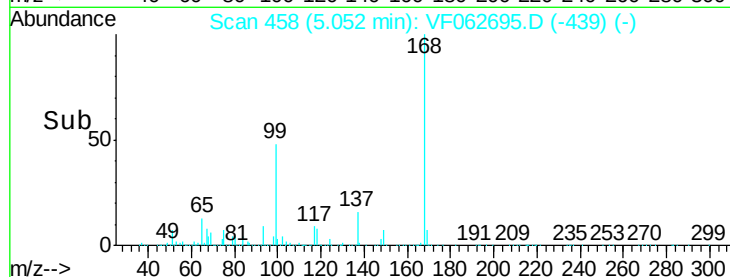
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 32.167 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF062695.D

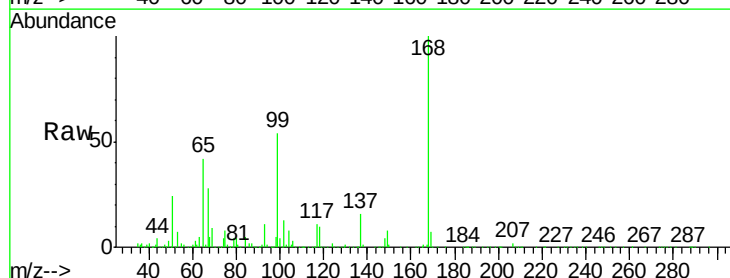
Acq: 21 May 2019 20:54

Tgt Ion: 65 Resp: 175318

Ion Ratio Lower Upper

65 100

67 66.8 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

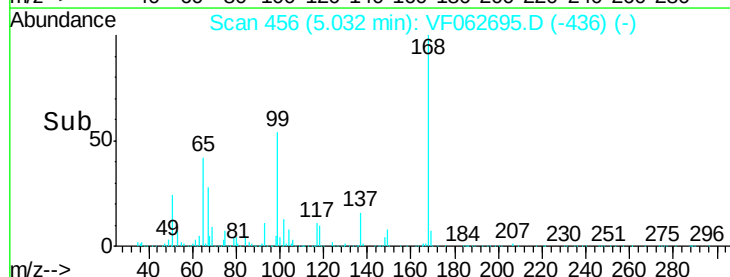
60000

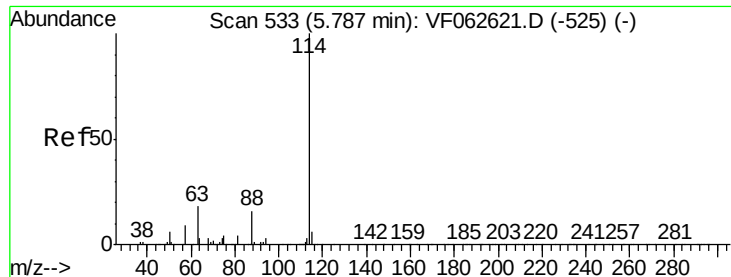
40000

20000

0

Time-->

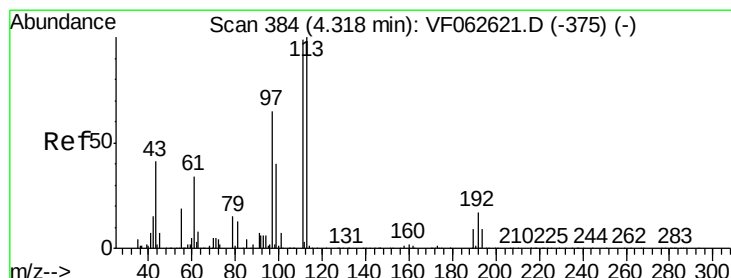
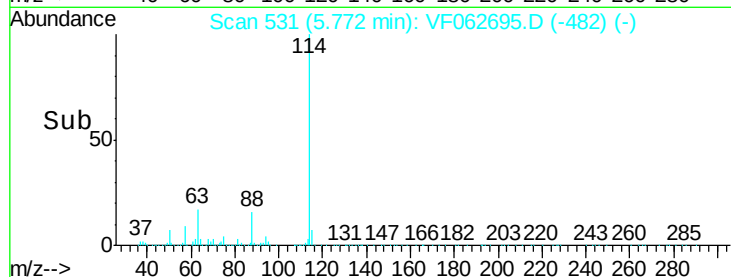
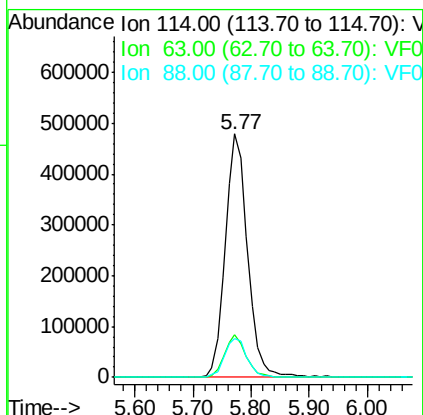
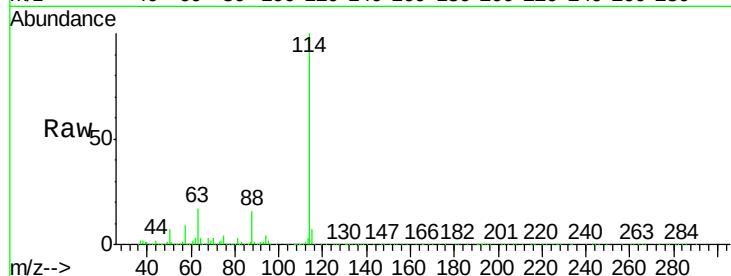




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF062695.D
Acq: 21 May 2019 20:54

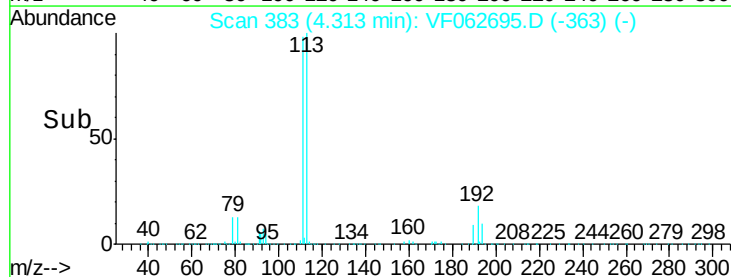
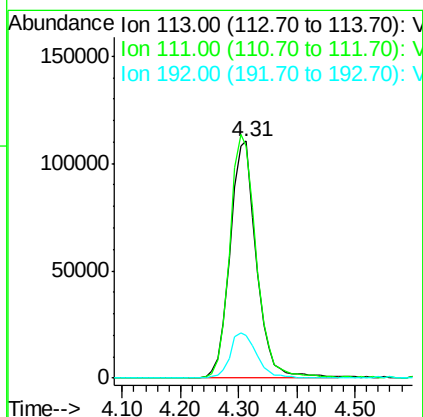
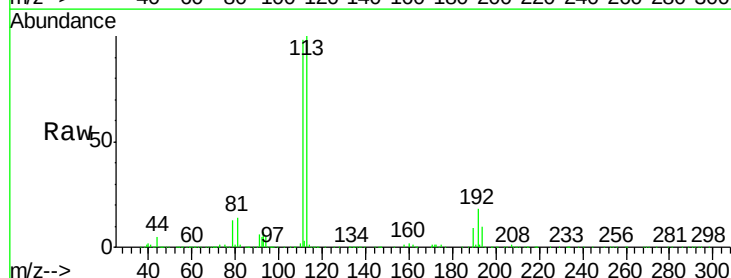
Instrument :
MSVOA_F
ClientSampleId :
SUP-2A-G-6-052019RE

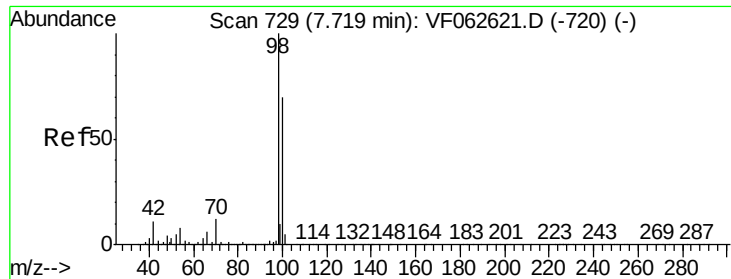
Tot Ion:114 Resp: 1272770
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.4
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 35.718 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF062695.D
Acq: 21 May 2019 20:54

Tgt Ion:113 Resp: 347869
Ion Ratio Lower Upper
113 100
111 98.0 79.4 119.2
192 18.2 13.4 20.2





#50

Toluene-d8

Concen: 30.085 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF062695.D

Acq: 21 May 2019 20:54

Instrument :

MSVOA_F

ClientSampleId :

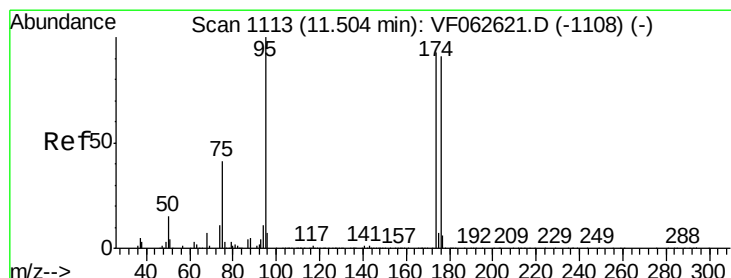
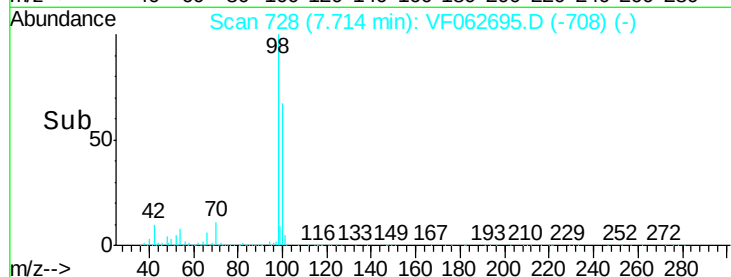
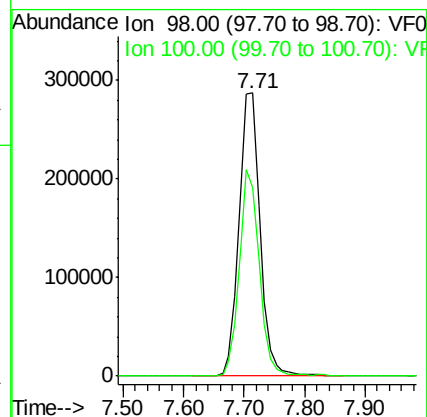
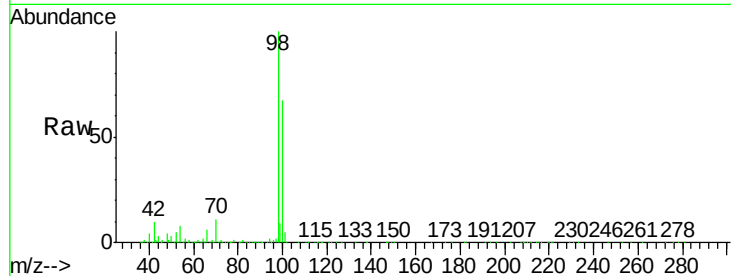
SUP-2A-G-6-052019RE

Tot Ion: 98 Resp: 699583

Ion Ratio Lower Upper

98 100

100 66.5 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 26.672 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062695.D

Acq: 21 May 2019 20:54

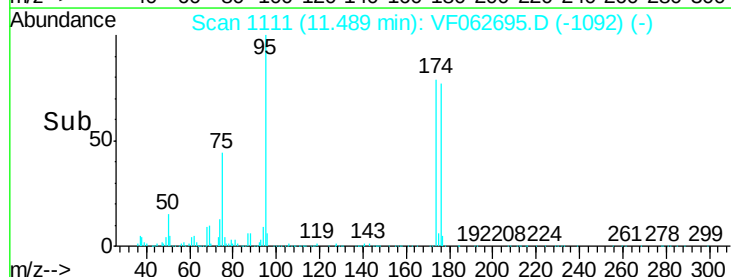
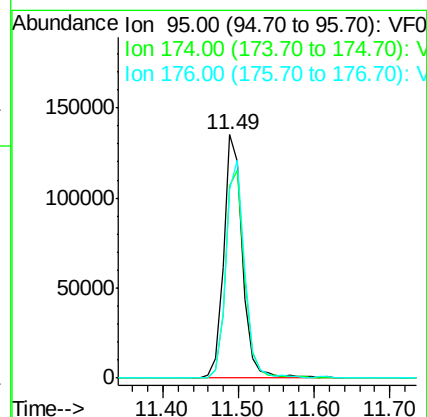
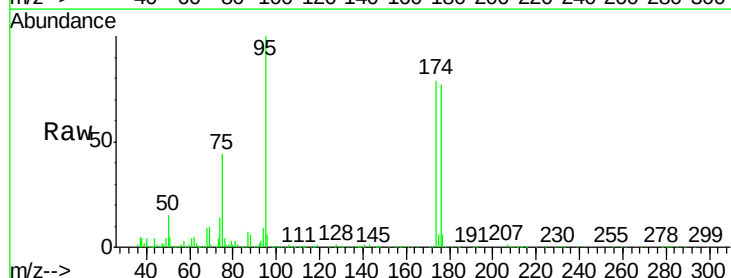
Tgt Ion: 95 Resp: 235234

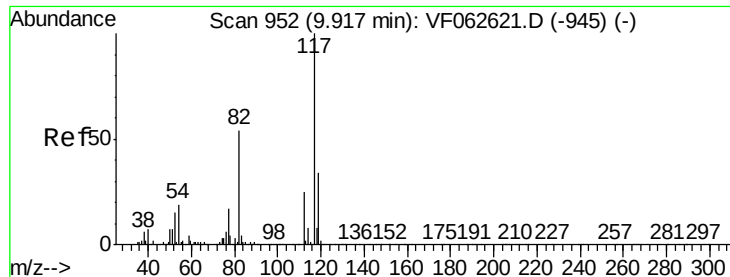
Ion Ratio Lower Upper

95 100

174 78.8 0.0 185.6

176 77.3 0.0 182.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF062695.D

Acq: 21 May 2019 20:54

Instrument :

MSVOA_F

ClientSampleId :

SUP-2A-G-6-052019RE

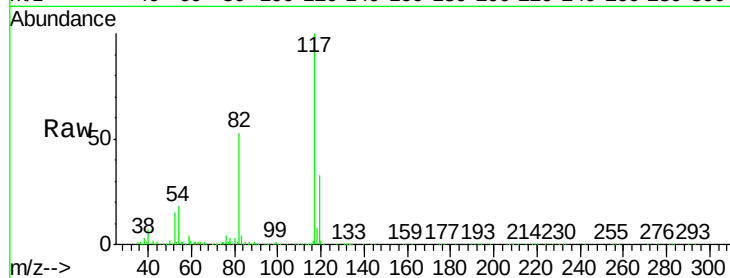
Tot Ion:117 Resp: 860318

Ion Ratio Lower Upper

117 100

82 52.8 43.3 64.9

119 33.1 27.4 41.0

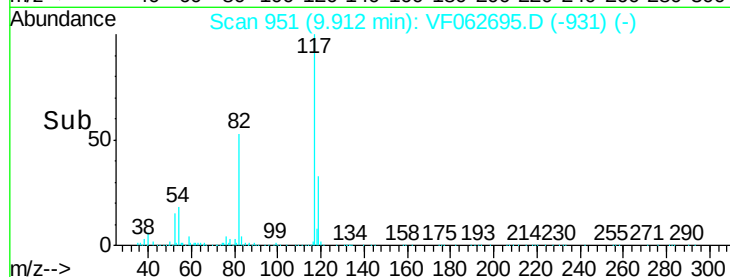


Abundance Ion 117.00 (116.70 to 117.70): V

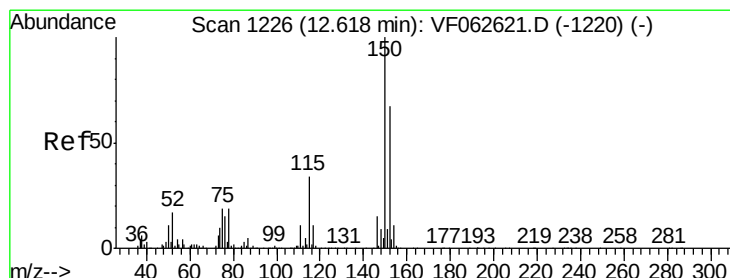
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062695.D

Acq: 21 May 2019 20:54

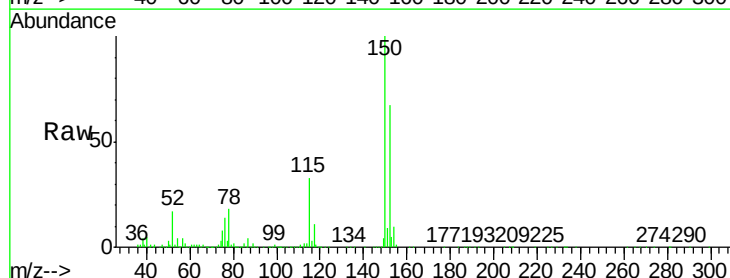
Tgt Ion:152 Resp: 413738

Ion Ratio Lower Upper

152 100

115 49.3 25.2 75.6

150 148.9 0.0 306.2

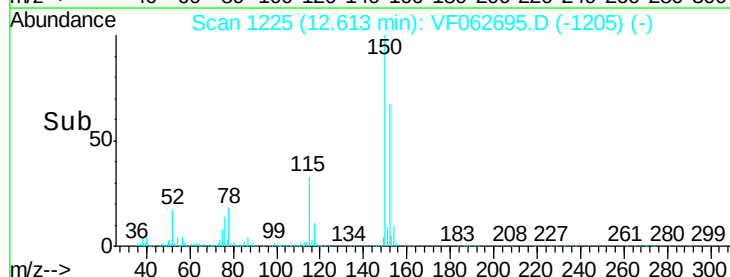


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

Time-->



Time-->