

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062403.D
 Acq On : 9 May 2019 18:42
 Operator : FY/SY
 Sample : K2641-05
 Misc : 5.97g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-050719-C

Quant Time: May 10 03:39:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	79925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	77913	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	51629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	20344	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	35385	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	4.31	113	40496	65.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.48%	
50) Toluene-d8	7.71	98	65381	43.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.02%	
62) 4-Bromofluorobenzene	11.48	95	23636	34.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.74%	

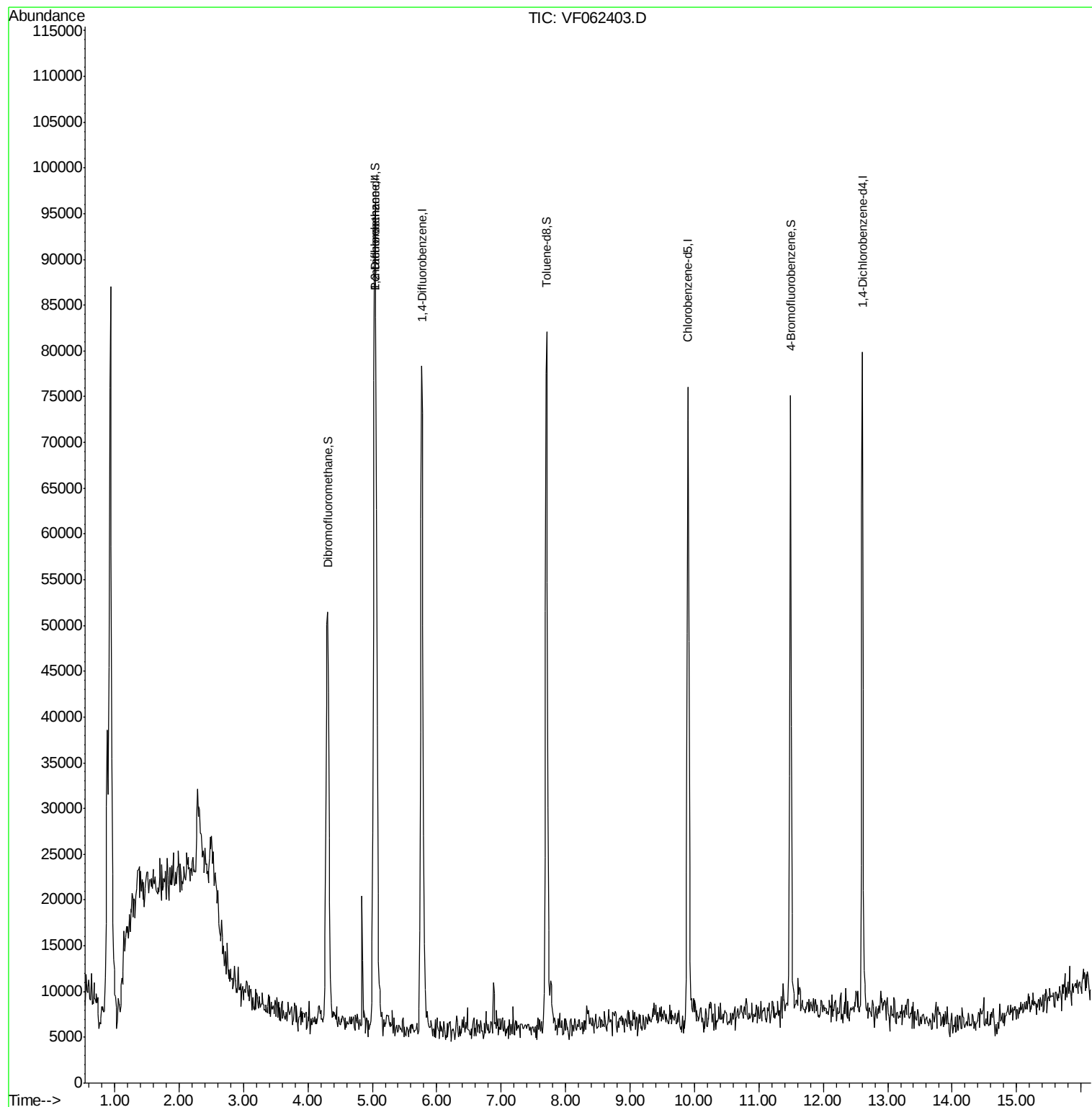
Target Compounds	Qvalue

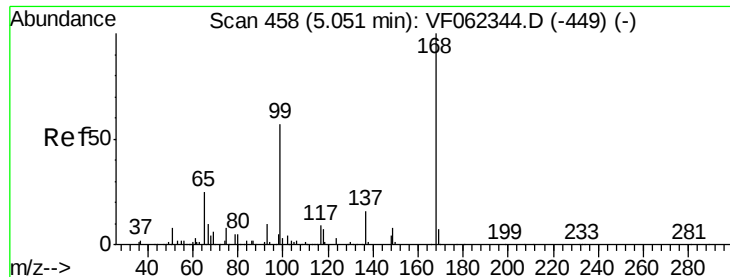
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062403.D

Acq: 9 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

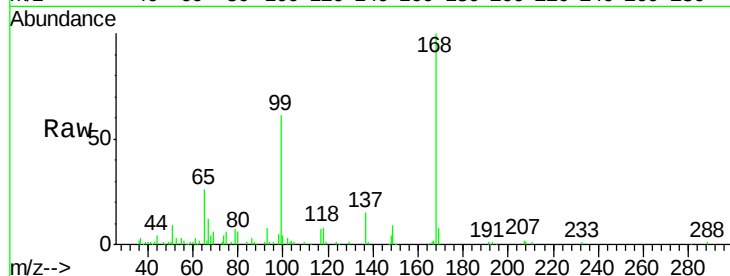
CL-02-050719-C

Tot Ion:168 Resp: 79925

Ion Ratio Lower Upper

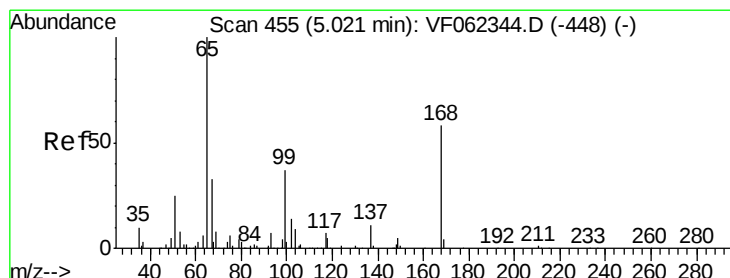
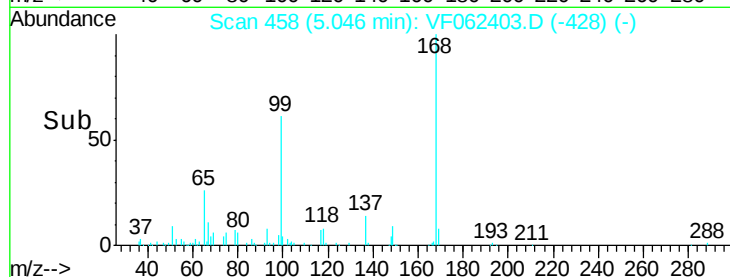
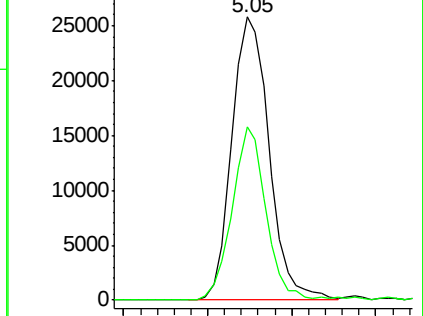
168 100

99 61.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 46.847 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF062403.D

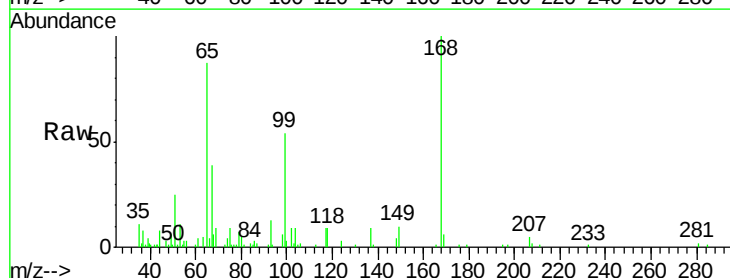
Acq: 9 May 2019 18:42

Tgt Ion: 65 Resp: 35385

Ion Ratio Lower Upper

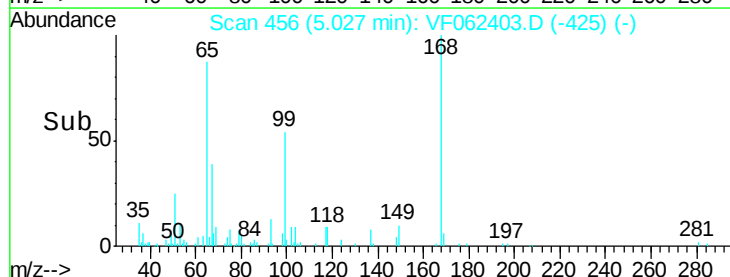
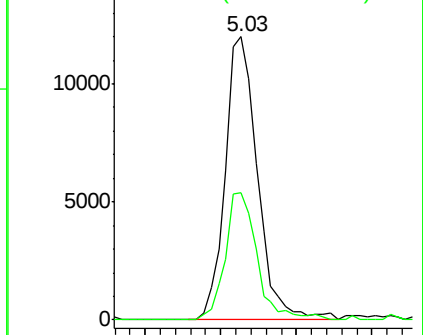
65 100

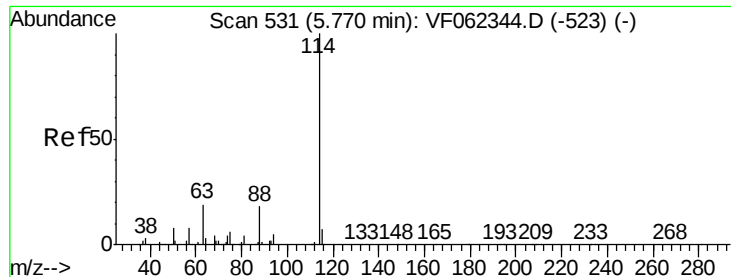
67 43.3 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062403.D

Acq: 9 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

CL-02-050719-C

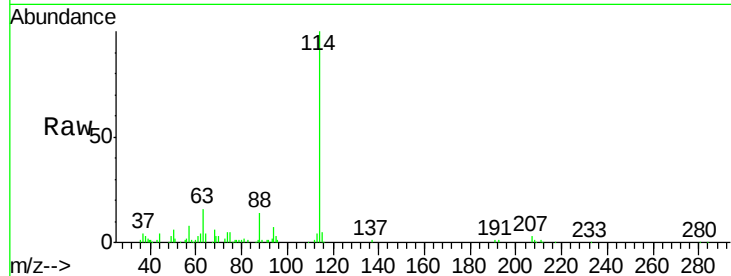
Tot Ion:114 Resp: 77913

Ion Ratio Lower Upper

114 100

63 16.4 0.0 37.4

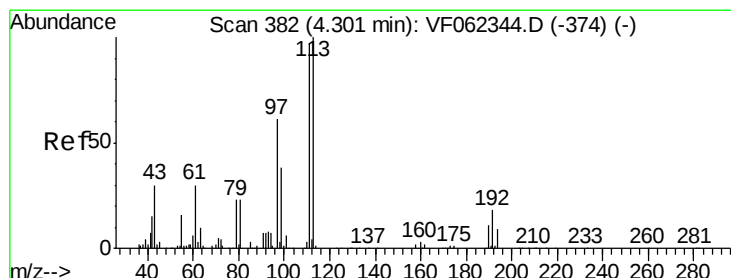
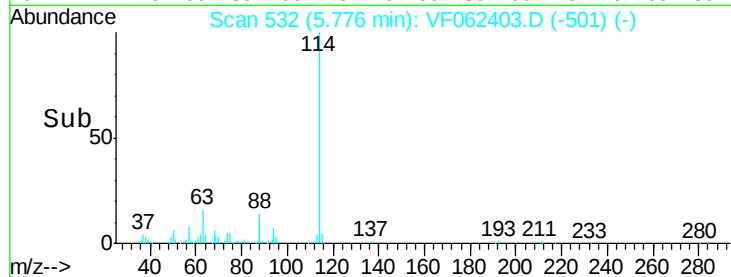
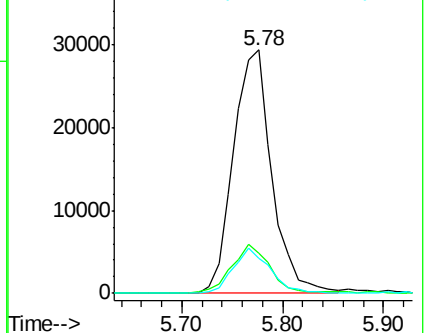
88 14.1 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 65.240 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062403.D

Acq: 9 May 2019 18:42

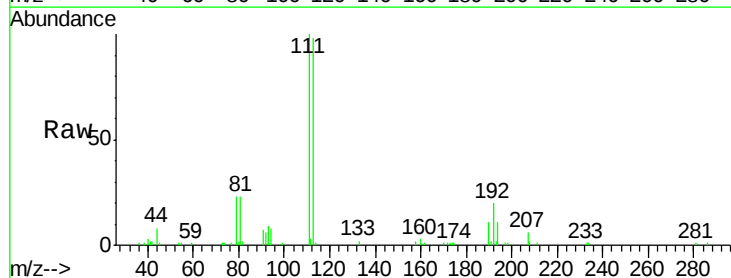
Tgt Ion:113 Resp: 40496

Ion Ratio Lower Upper

113 100

111 103.2 79.4 119.0

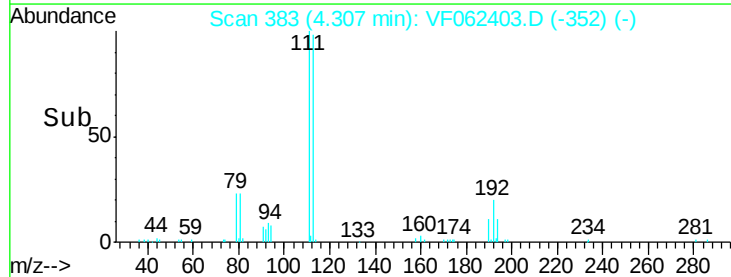
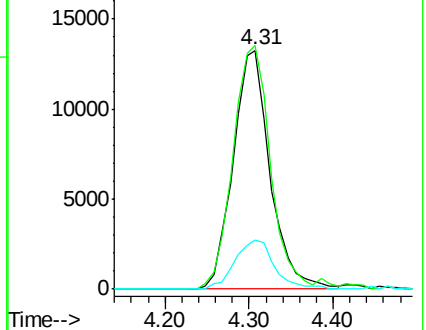
192 21.9 16.0 24.0

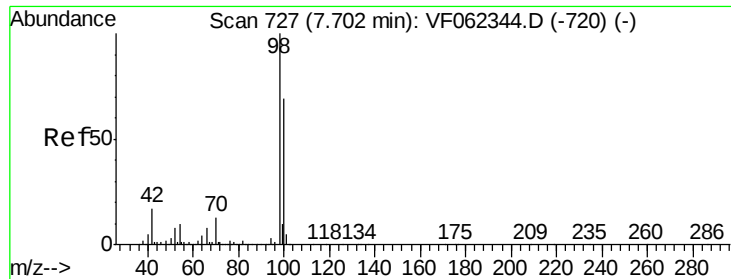


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.513 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF062403.D

Acq: 9 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

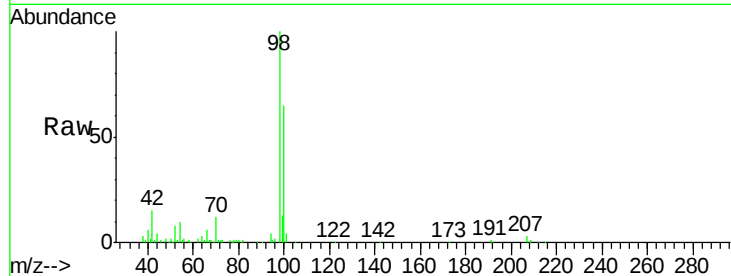
CL-02-050719-C

Tot Ion: 98 Resp: 65381

Ion Ratio Lower Upper

98 100

100 64.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

30000

25000

20000

15000

10000

5000

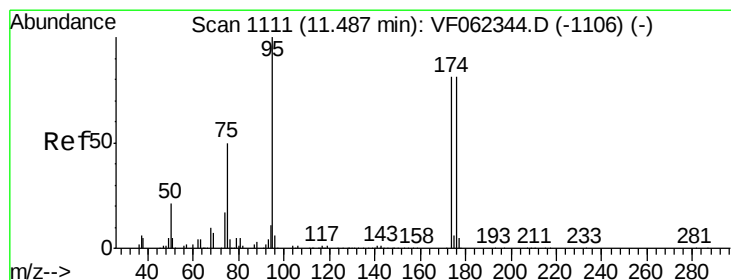
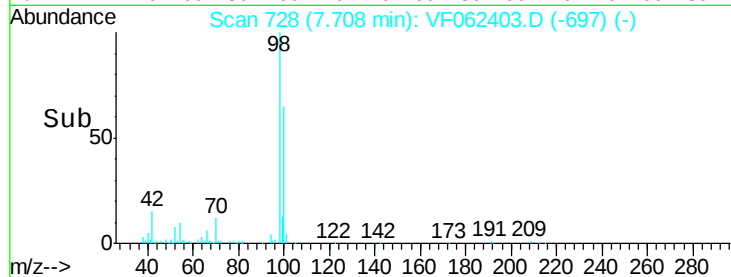
0

7.60

7.70

7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 34.867 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF062403.D

Acq: 9 May 2019 18:42

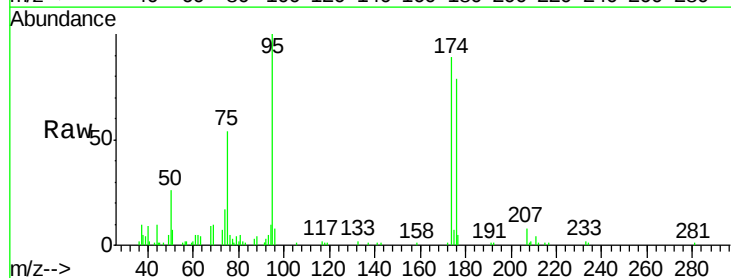
Tgt Ion: 95 Resp: 23636

Ion Ratio Lower Upper

95 100

174 104.1 0.0 191.8

176 95.4 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

20000

15000

10000

5000

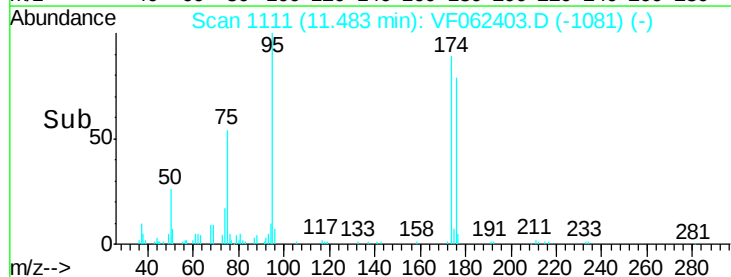
0

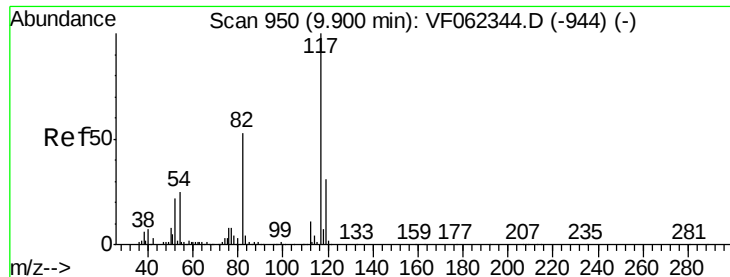
11.40

11.50

11.60

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. 0.01 min

Lab File: VF062403.D

Acq: 9 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

CL-02-050719-C

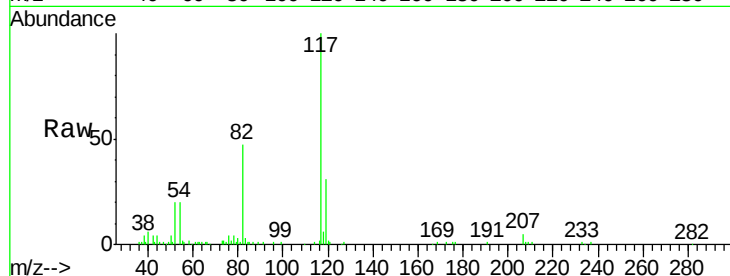
Tot Ion:117 Resp: 51629

Ion Ratio Lower Upper

117 100

82 46.8 42.2 63.2

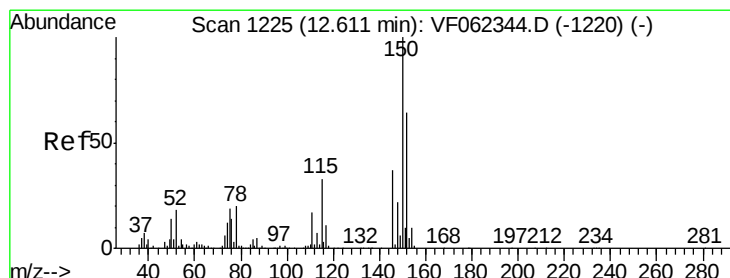
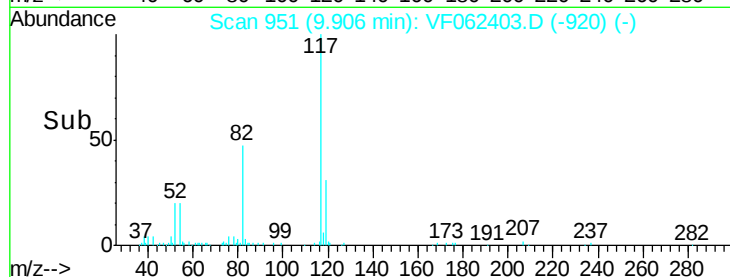
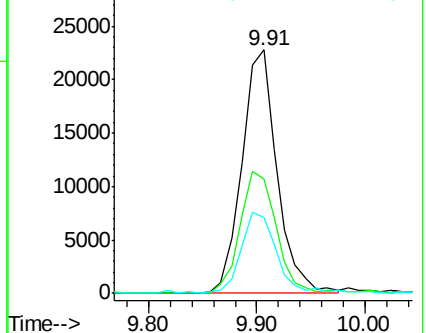
119 30.8 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VF062403.D

Acq: 9 May 2019 18:42

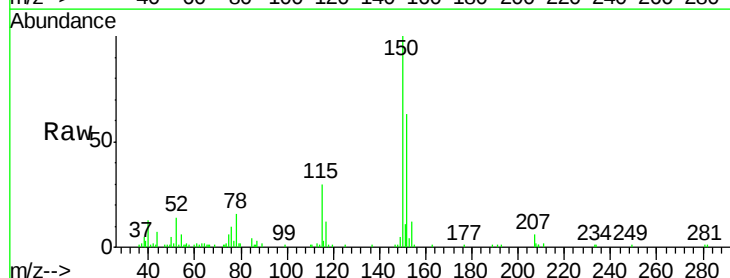
Tgt Ion:152 Resp: 20344

Ion Ratio Lower Upper

152 100

115 53.7 26.4 79.2

150 152.4 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

