

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062364.D
 Acq On : 7 May 2019 18:21
 Operator : FY/SY
 Sample : K2639-03
 Misc : 5.42g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-050319-B

Quant Time: May 08 01:21:34 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	5.04	168	362075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	519031	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	372013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	207982	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	142371	41.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.22%	
35) Dibromofluoromethane	4.30	113	171934	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
50) Toluene-d8	7.70	98	329777	32.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.90%	
62) 4-Bromofluorobenzene	11.49	95	143311	31.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.46%	

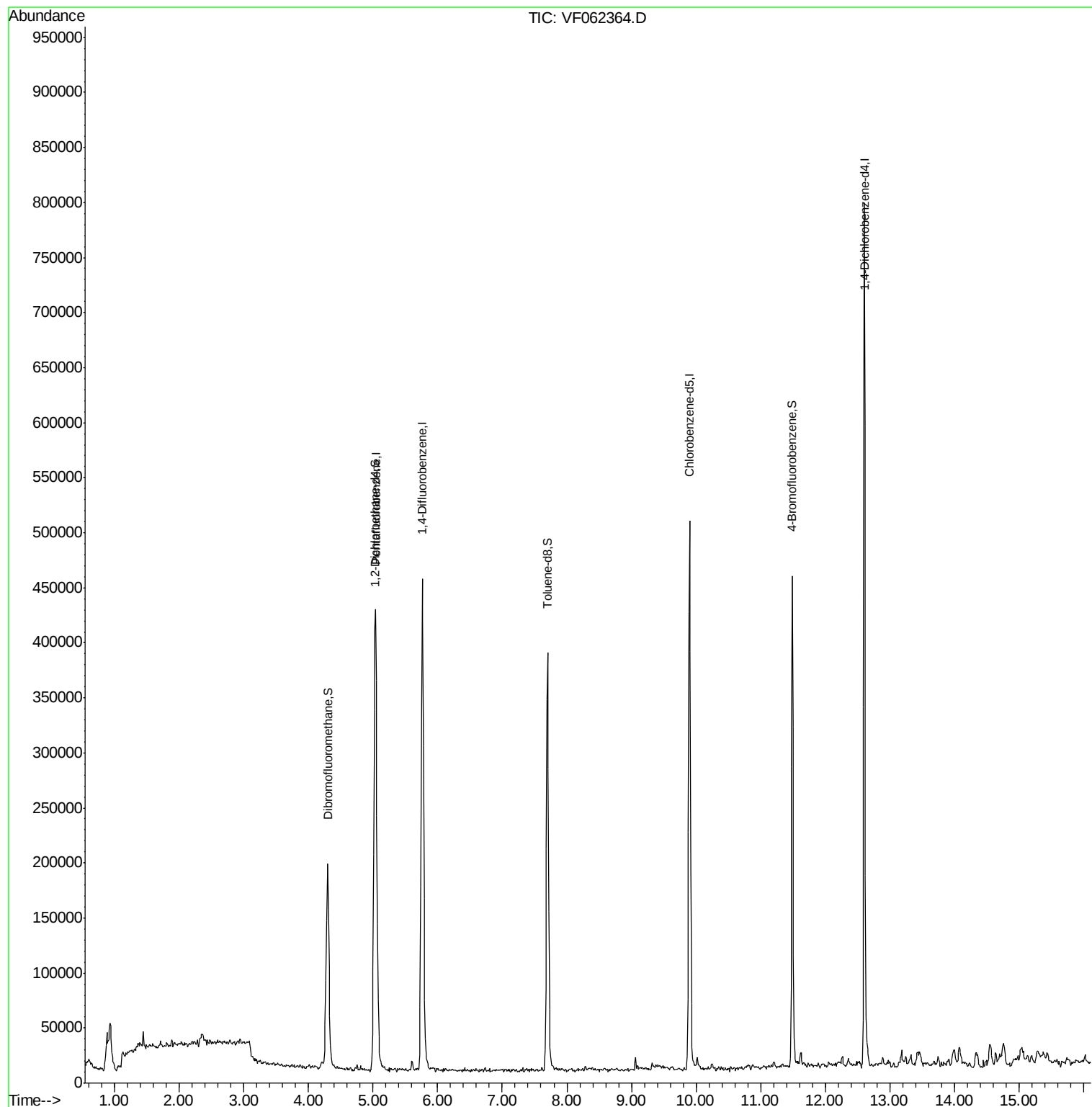
Target Compounds	Qvalue

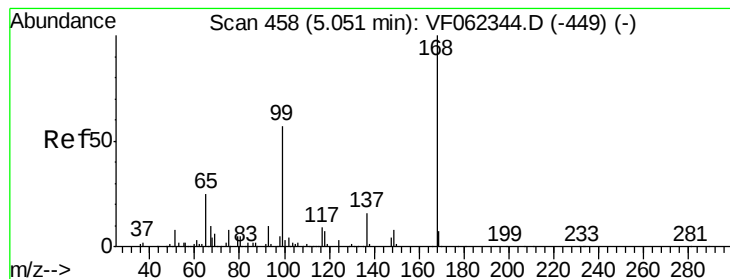
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062364.D

Acq: 7 May 2019 18:21

Instrument :

MSVOA_F

ClientSampleId :

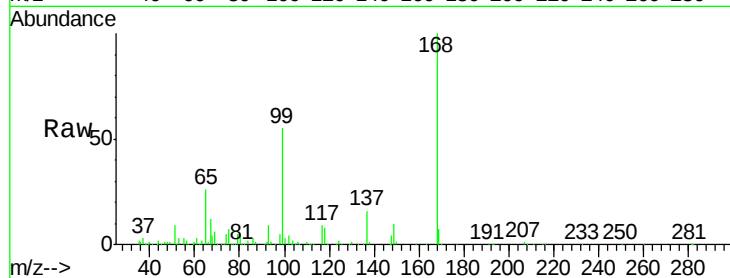
NB-08-050319-B

Tot Ion:168 Resp: 362075

Ion Ratio Lower Upper

168 100

99 54.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

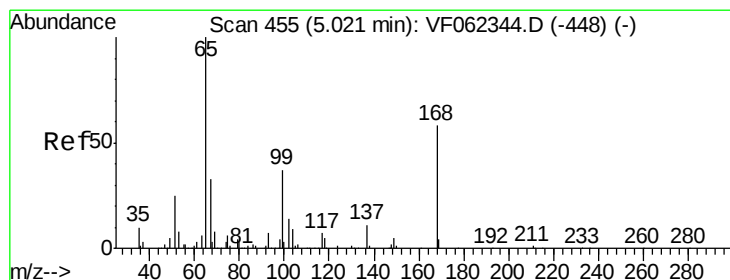
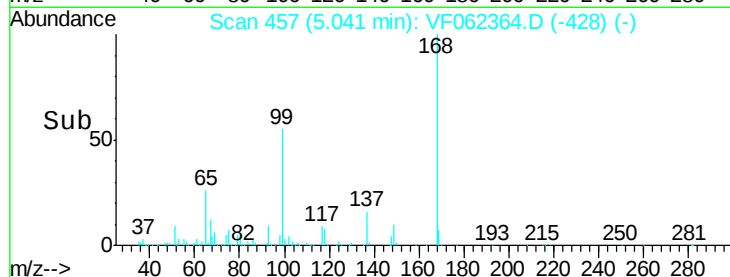
5.04

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.607 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF062364.D

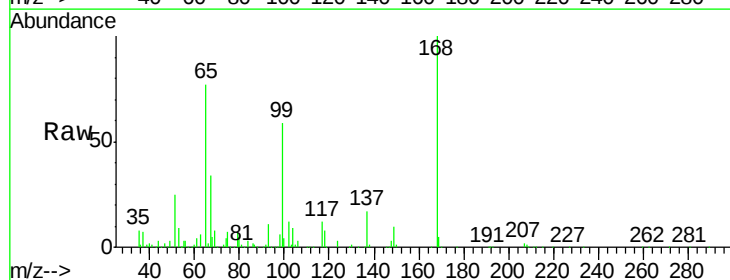
Acq: 7 May 2019 18:21

Tgt Ion: 65 Resp: 142371

Ion Ratio Lower Upper

65 100

67 46.4 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

60000

50000

40000

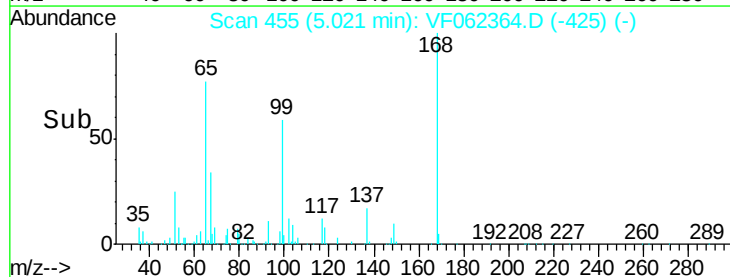
30000

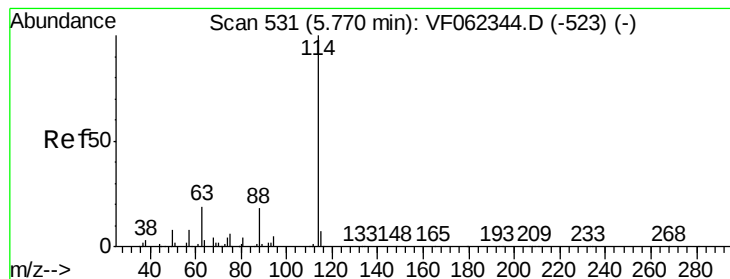
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF062364.D

Acq: 7 May 2019 18:21

Instrument :

MSVOA_F

ClientSampleId :

NB-08-050319-B

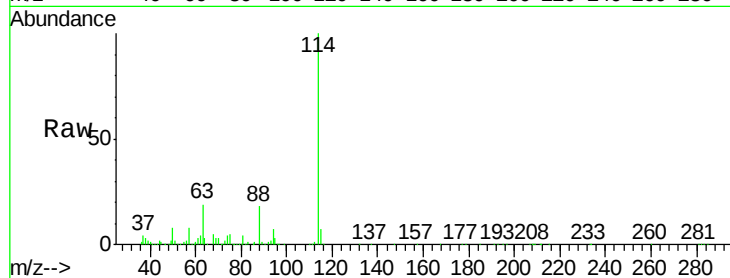
Tot Ion:114 Resp: 519031

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

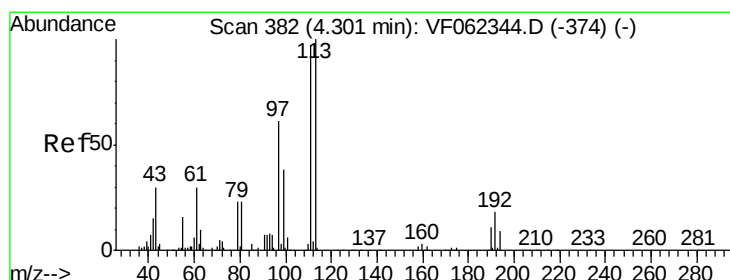
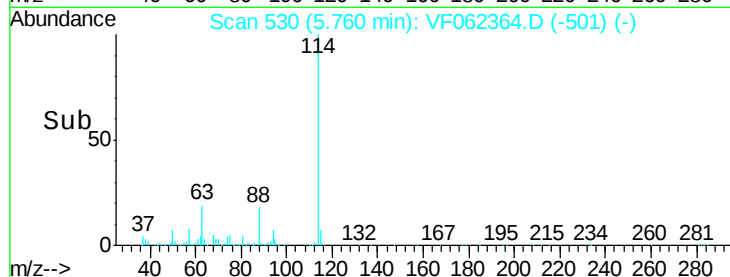
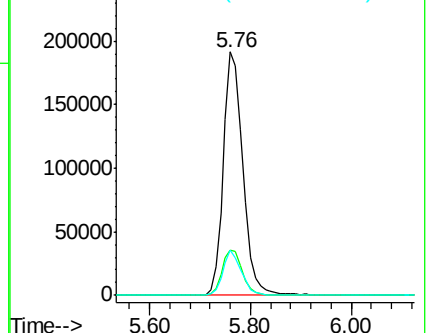
88 18.4 0.0 36.4



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: 41.580 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF062364.D

Acq: 7 May 2019 18:21

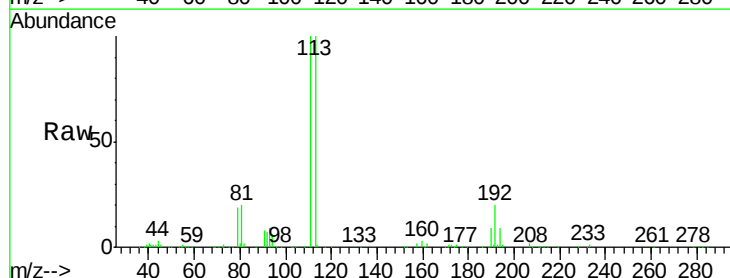
Tgt Ion:113 Resp: 171934

Ion Ratio Lower Upper

113 100

111 102.7 79.4 119.0

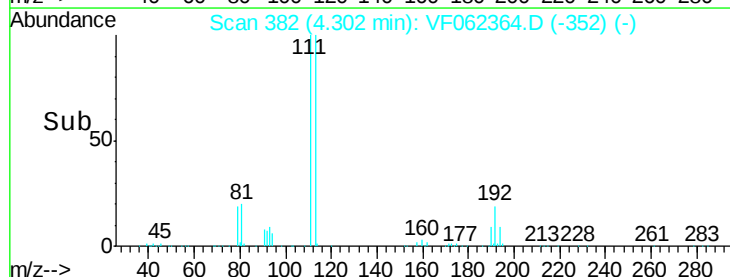
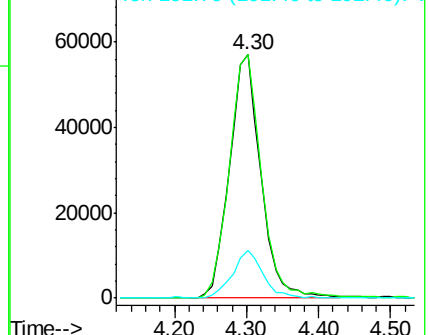
192 19.2 16.0 24.0

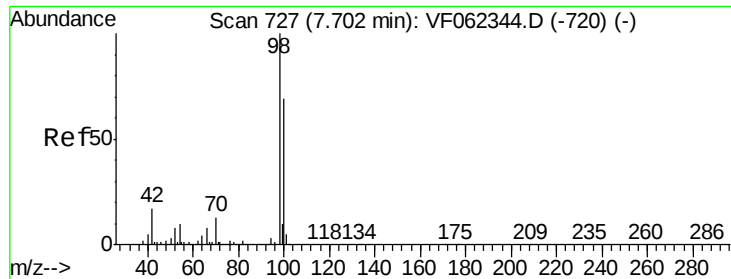


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 32.946 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.00 min

Lab File: VF062364.D

Acq: 7 May 2019 18:21

Instrument :

MSVOA_F

ClientSampleId :

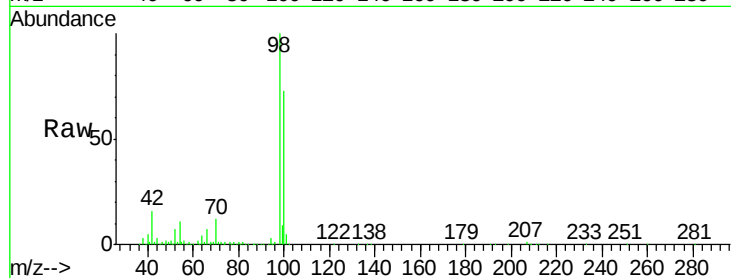
NB-08-050319-B

Tot Ion: 98 Resp: 329777

Ion Ratio Lower Upper

98 100

100 67.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

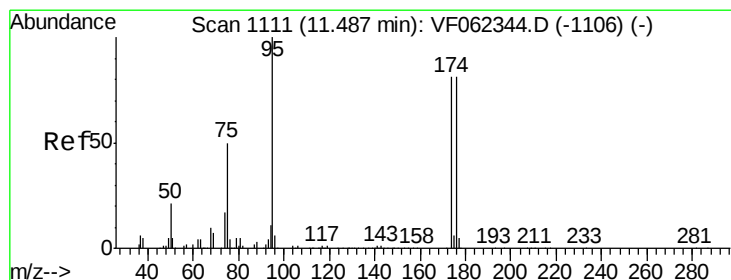
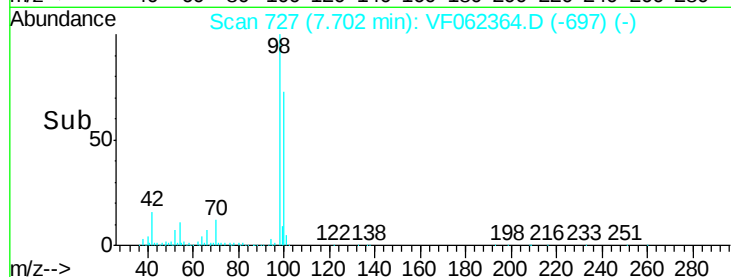
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 31.735 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VF062364.D

Acq: 7 May 2019 18:21

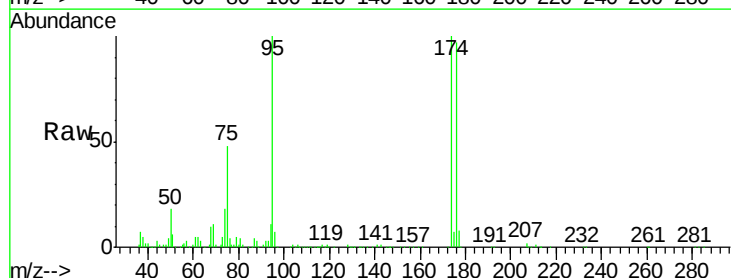
Tgt Ion: 95 Resp: 143311

Ion Ratio Lower Upper

95 100

174 98.6 0.0 191.8

176 96.9 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

11.49

100000

80000

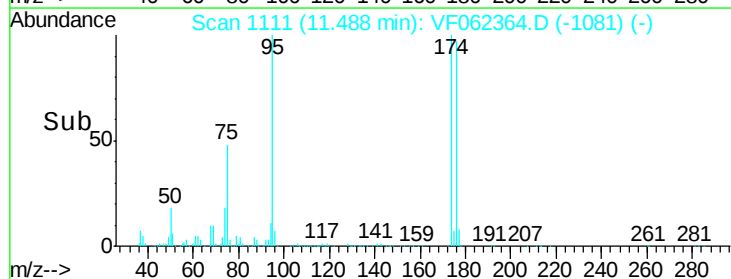
60000

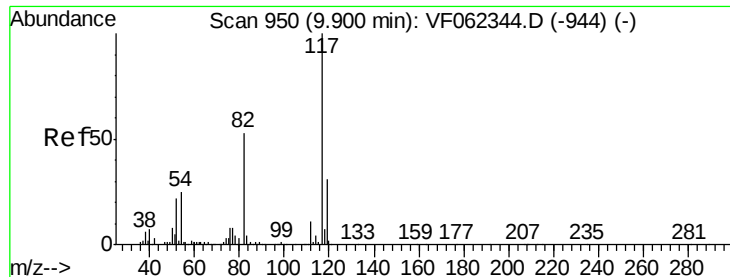
40000

20000

0

Time-->

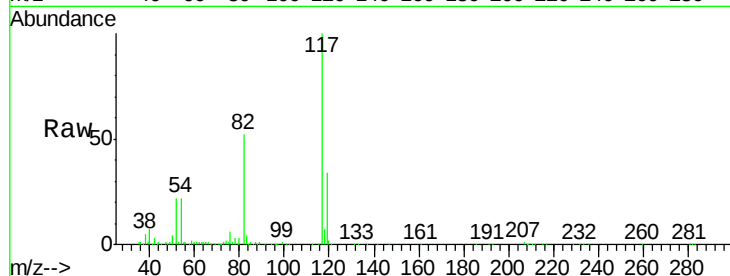




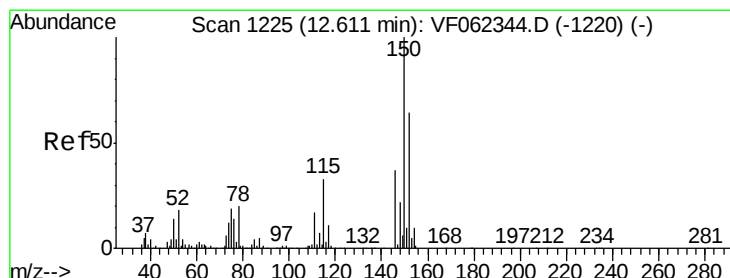
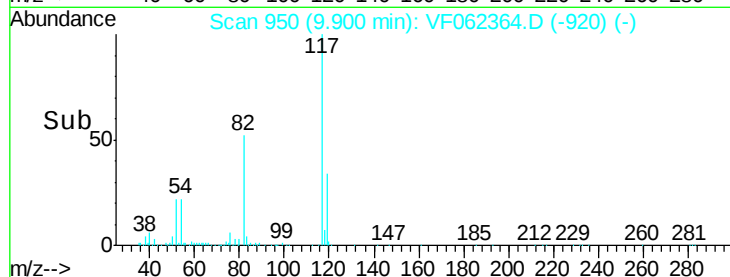
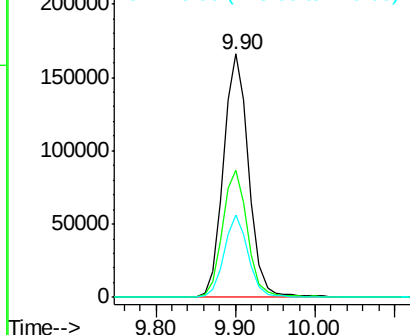
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. 0.00 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tot Ion:117 Resp: 372013
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 33.7 25.0 37.4

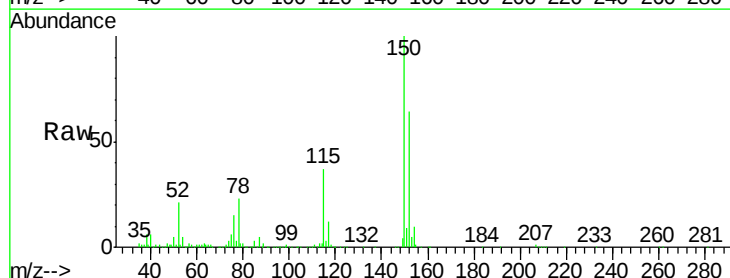


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062364.D
Acq: 7 May 2019 18:21

Tgt Ion:152 Resp: 207982
Ion Ratio Lower Upper
152 100
115 55.1 26.4 79.2
150 151.5 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

