

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062363.D
 Acq On : 7 May 2019 17:53
 Operator : FY/SY
 Sample : K2647-03
 Misc : 5.21g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-050219-B

Quant Time: May 07 18:17:43 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

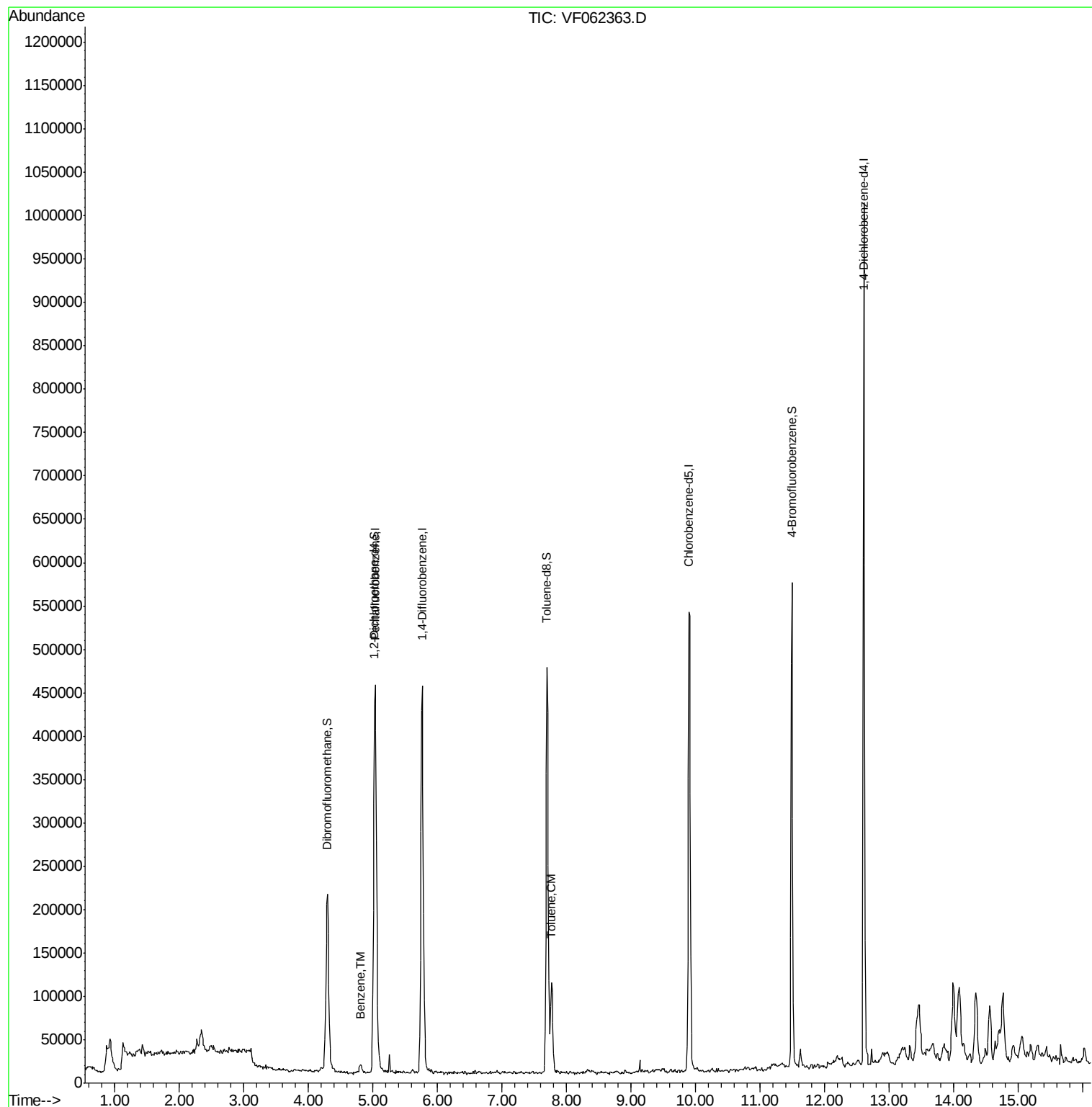
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	383797	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	511619	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	416323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	256966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	152621	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
35) Dibromofluoromethane	4.29	113	189600	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
50) Toluene-d8	7.70	98	399000	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.88%	
62) 4-Bromofluorobenzene	11.49	95	187420	42.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.20%	
Target Compounds						
40) Benzene	4.80	78	10268	1.061	ug/l	97
52) Toluene	7.76	92	52883	8.857	ug/l	97

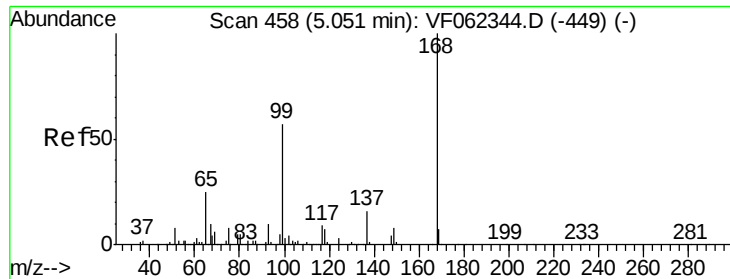
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062363.D

Acq: 7 May 2019 17:53

Instrument :

MSVOA_F

ClientSampleId :

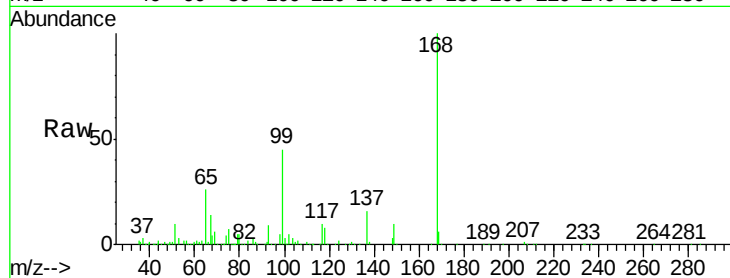
SU-04-050219-B

Tot Ion:168 Resp: 383797

Ion Ratio Lower Upper

168 100

99 44.9 45.9 68.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.03

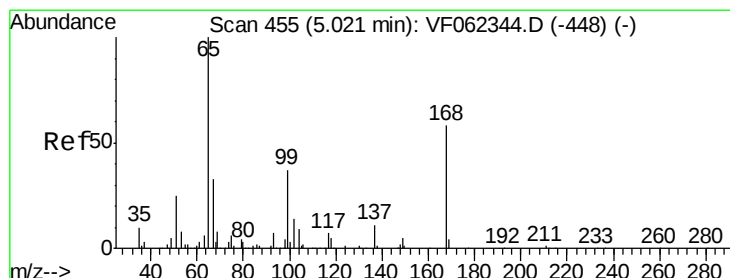
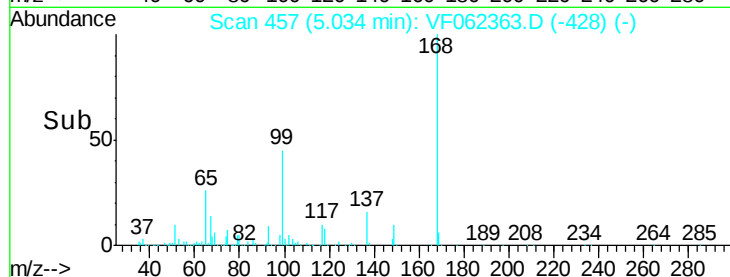
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.079 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF062363.D

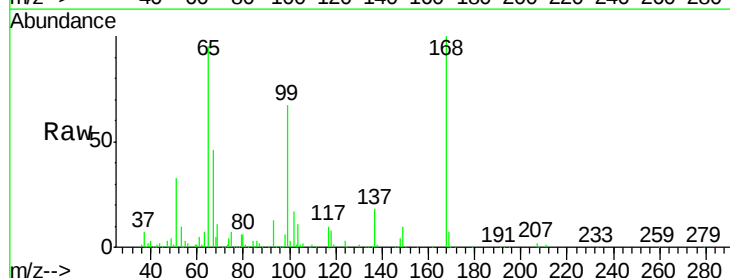
Acq: 7 May 2019 17:53

Tgt Ion: 65 Resp: 152621

Ion Ratio Lower Upper

65 100

67 48.5 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.01

60000

50000

40000

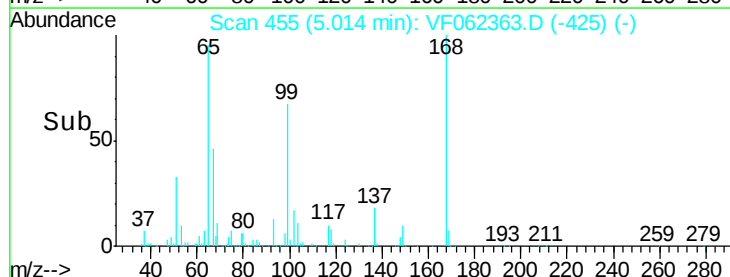
30000

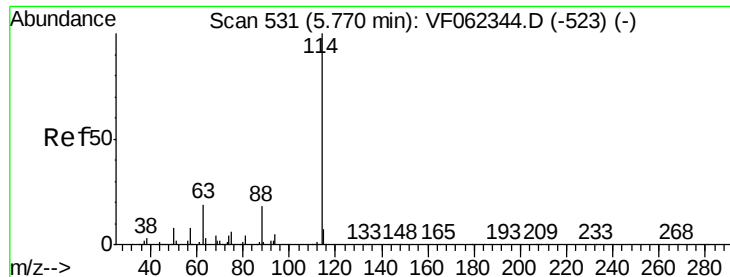
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062363.D

Acq: 7 May 2019 17:53

Instrument :

MSVOA_F

ClientSampleId :

SU-04-050219-B

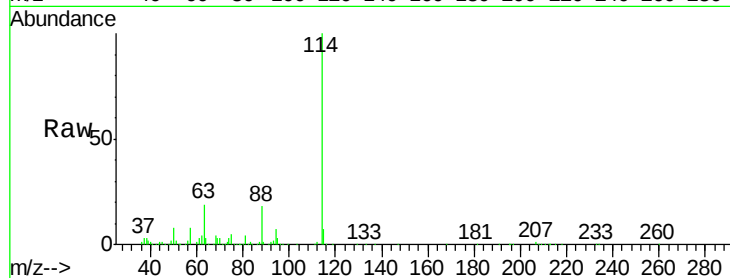
Tot Ion:114 Resp: 511619

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

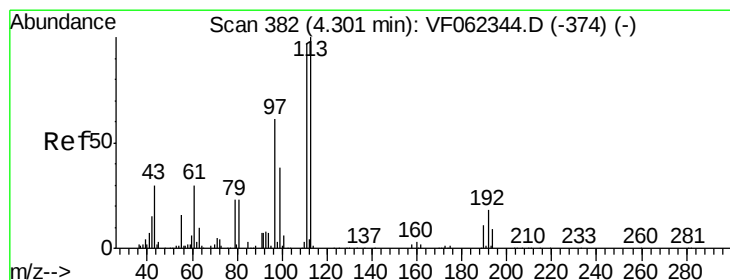
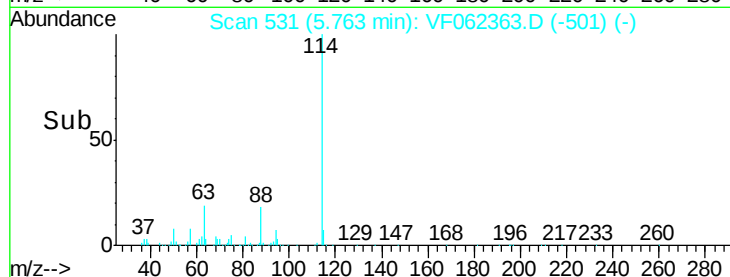
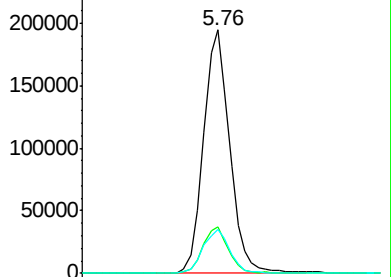
88 17.8 0.0 36.4



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: 46.516 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF062363.D

Acq: 7 May 2019 17:53

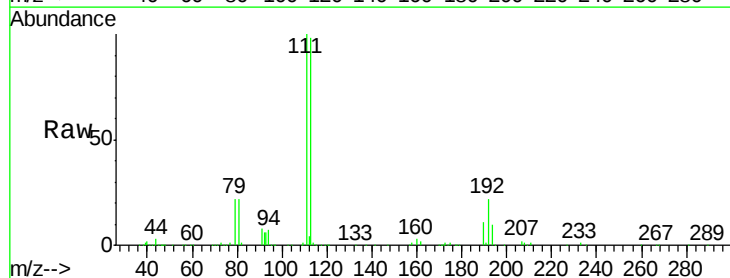
Tgt Ion:113 Resp: 189600

Ion Ratio Lower Upper

113 100

111 100.5 79.4 119.0

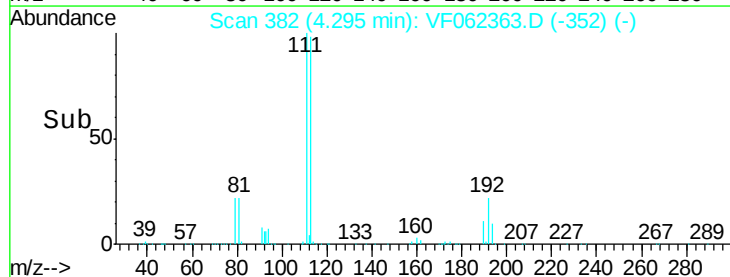
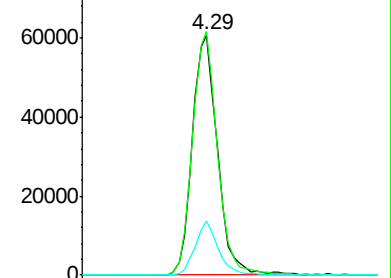
192 20.9 16.0 24.0

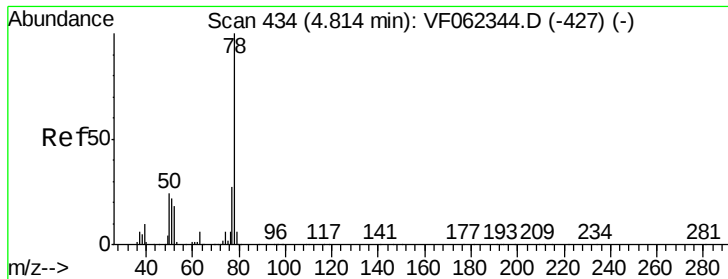


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.061 ug/l

RT: 4.80 min Scan# 433

Delta R.T. -0.02 min

Lab File: VF062363.D

Acq: 7 May 2019 17:53

Instrument :

MSVOA_F

ClientSampleId :

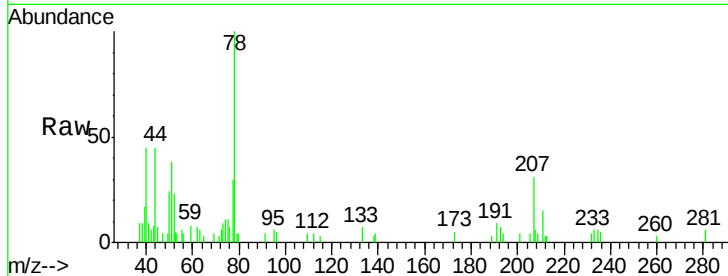
SU-04-050219-B

Tot Ion: 78 Resp: 10268

Ion Ratio Lower Upper

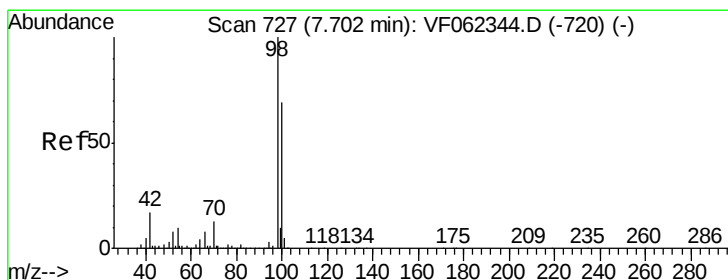
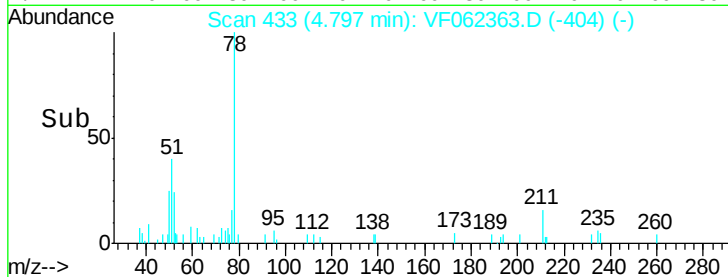
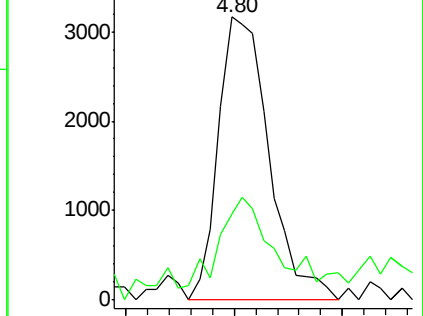
78 100

77 25.3 21.6 32.4



Abundance Ion 78.00 (77.70 to 78.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#50

Toluene-d8

Concen: 40.440 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF062363.D

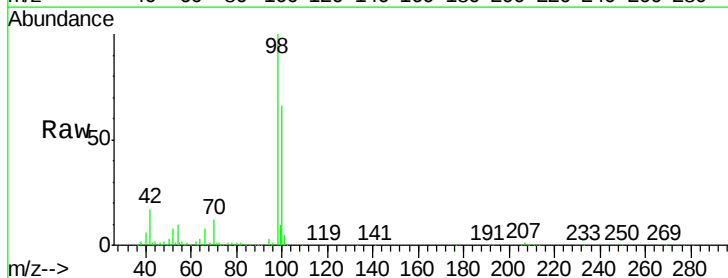
Acq: 7 May 2019 17:53

Tgt Ion: 98 Resp: 399000

Ion Ratio Lower Upper

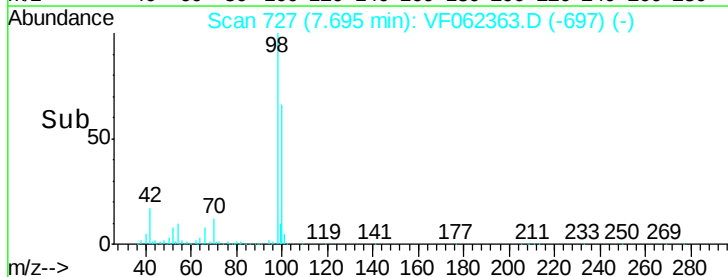
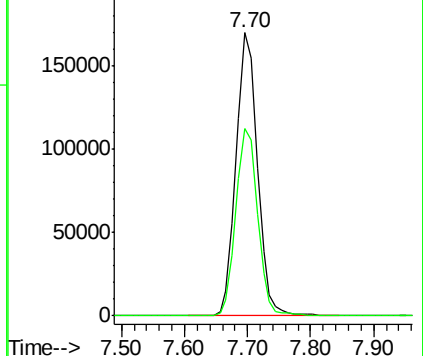
98 100

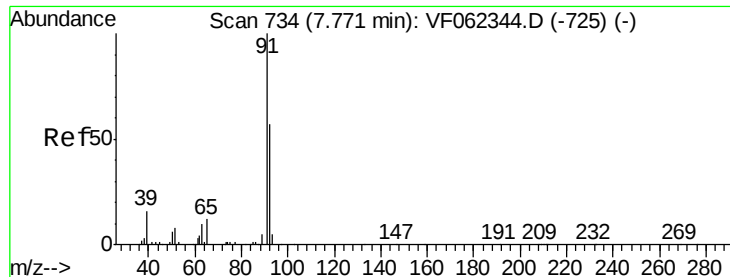
100 67.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: 8.857 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.01 min

Lab File: VF062363.D

Acq: 7 May 2019 17:53

Instrument :

MSVOA_F

ClientSampleId :

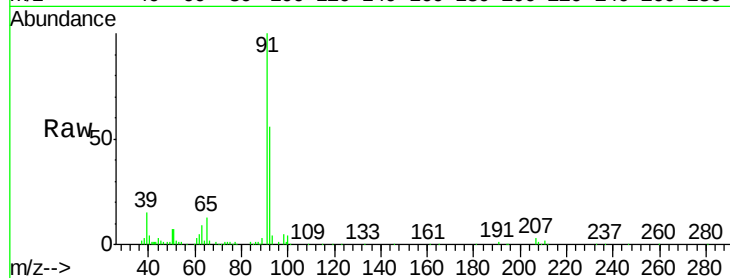
SU-04-050219-B

Tot Ion: 92 Resp: 52883

Ion Ratio Lower Upper

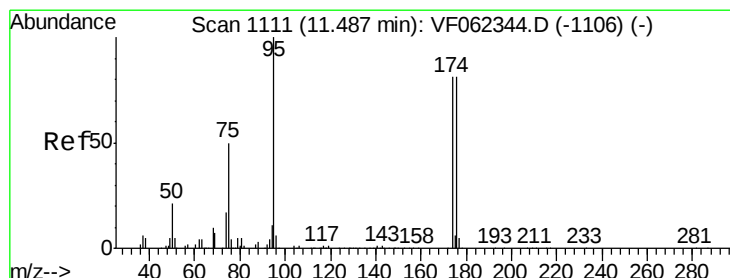
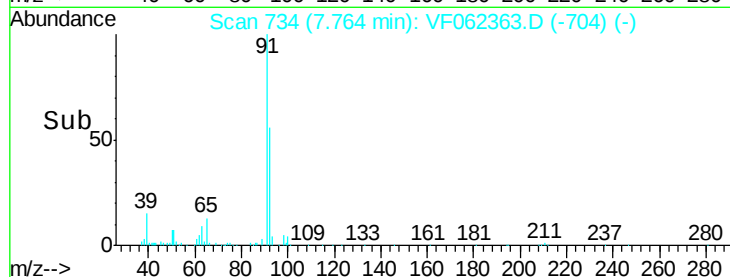
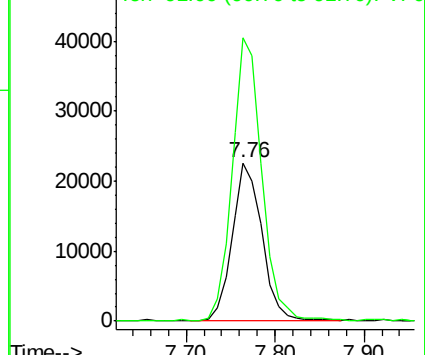
92 100

91 178.0 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 42.103 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF062363.D

Acq: 7 May 2019 17:53

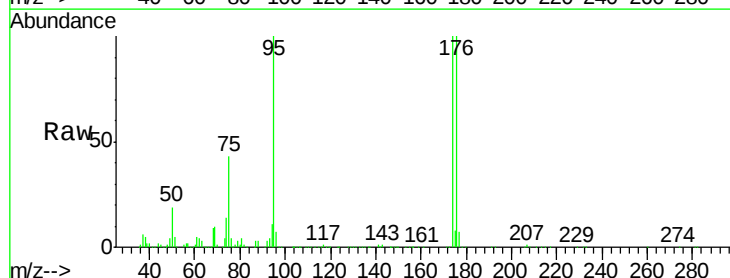
Tgt Ion: 95 Resp: 187420

Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.8

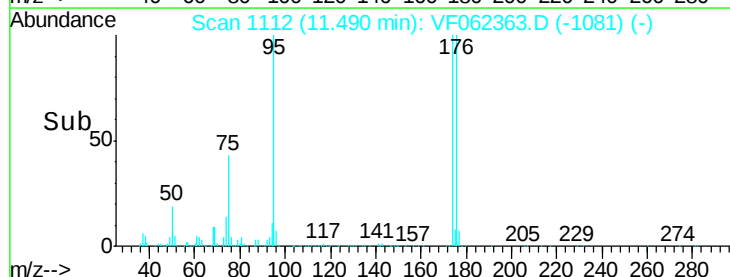
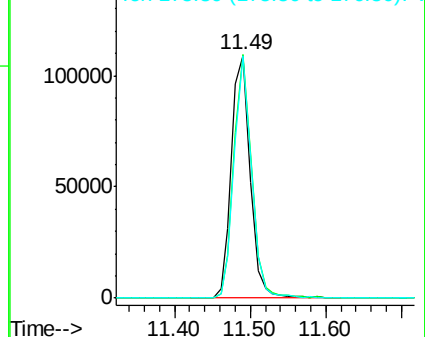
176 93.0 0.0 193.2

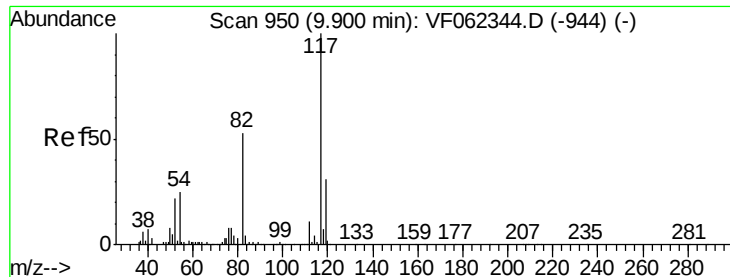


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 951

Delta R.T. 0.00 min

Lab File: VF062363.D

Acq: 7 May 2019 17:53

Instrument :

MSVOA_F

ClientSampleId :

SU-04-050219-B

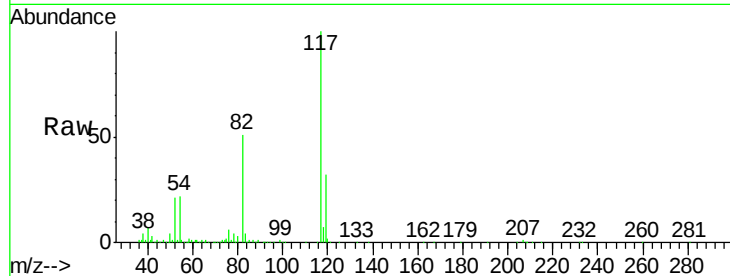
Tot Ion:117 Resp: 416323

Ion Ratio Lower Upper

117 100

82 50.6 42.2 63.2

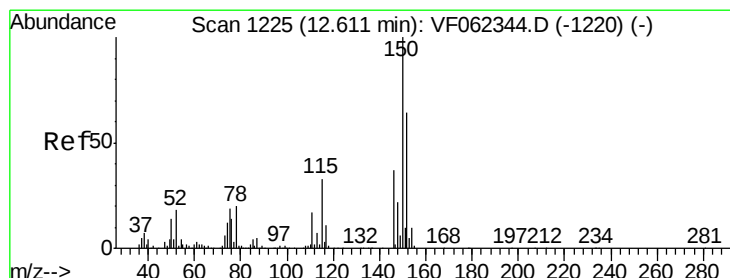
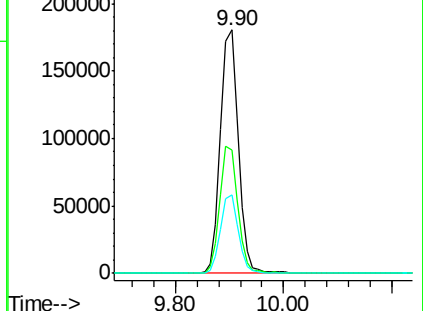
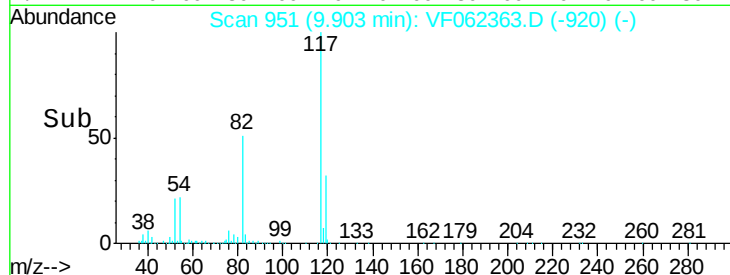
119 32.4 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.60 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062363.D

Acq: 7 May 2019 17:53

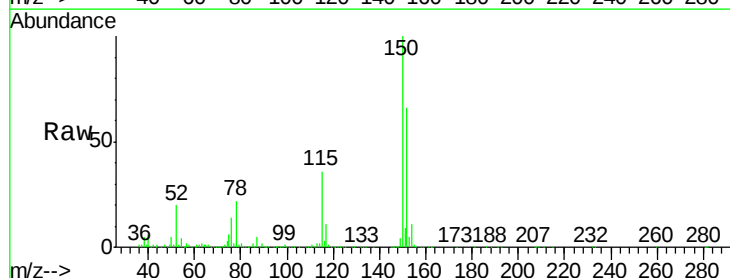
Tgt Ion:152 Resp: 256966

Ion Ratio Lower Upper

152 100

115 54.7 26.4 79.2

150 151.3 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

