

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062558.D
 Acq On : 13 May 2019 22:55
 Operator : FY/SY
 Sample : K2647-05
 Misc : 7.64g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-050919-A

Quant Time: May 14 08:14:45 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

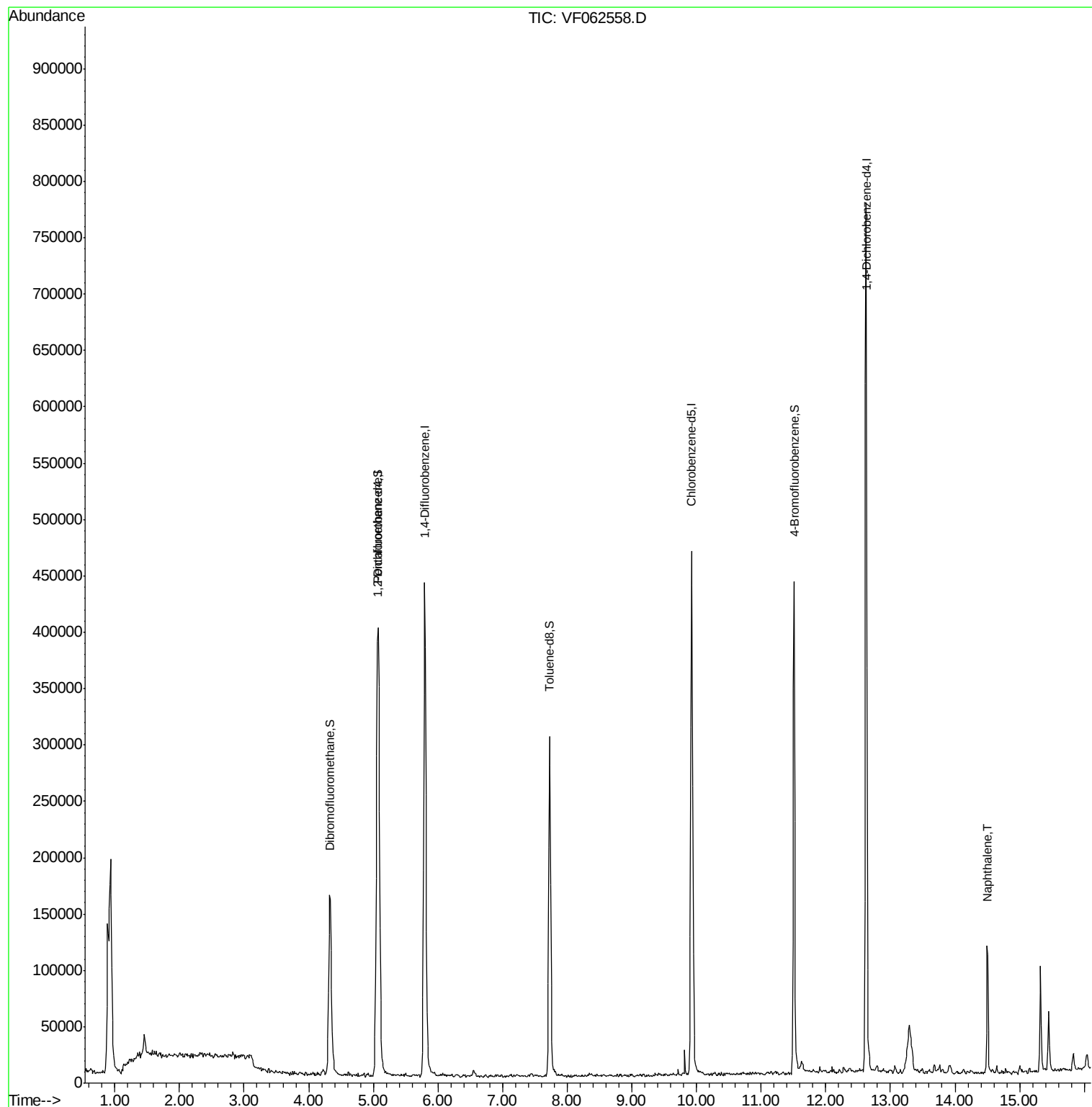
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	361844	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	493870	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	358961	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	213600	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	118696	34.71	ug/l	0.03
Spiked Amount 50.000			Recovery	=	69.42%	
35) Dibromofluoromethane	4.32	113	145626	37.01	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.02%	
50) Toluene-d8	7.73	98	261991	27.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	55.02%	
62) 4-Bromofluorobenzene	11.51	95	140887	32.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.58%	
Target Compounds						
95) Naphthalene	14.50	128	91869	11.596	ug/l	Qvalue 98

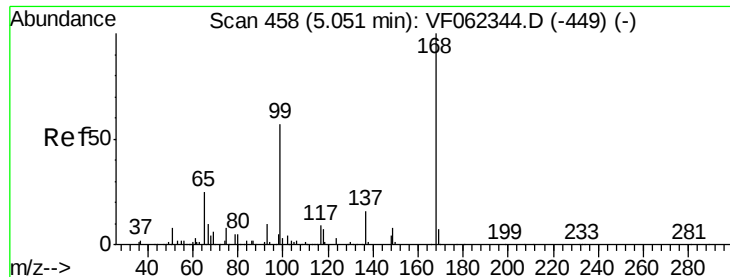
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

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MSVOA_F

ClientSampleId :

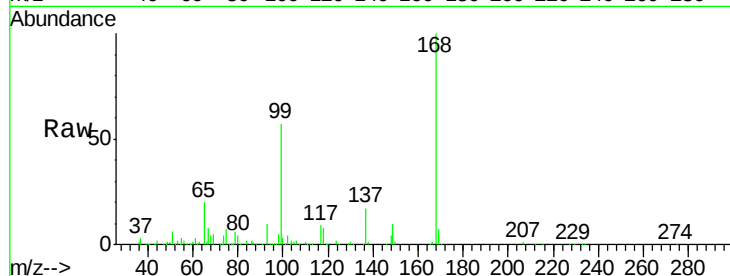
SU-02-050919-A

Tot Ion:168 Resp: 361844

Ion Ratio Lower Upper

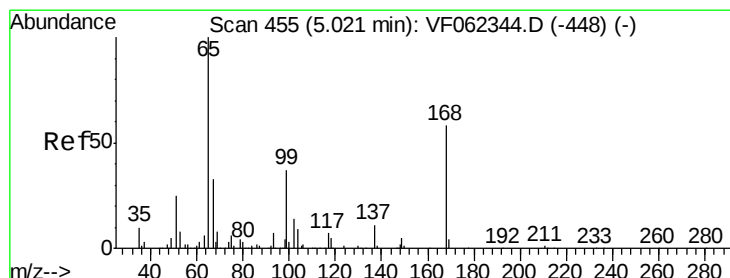
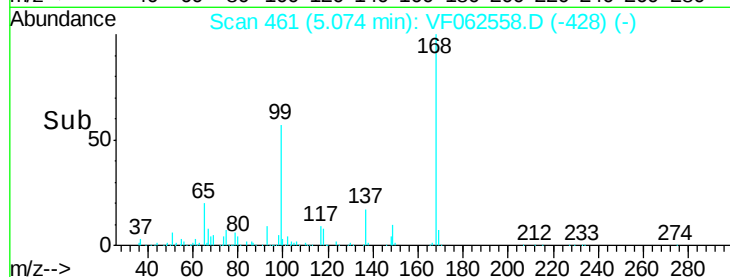
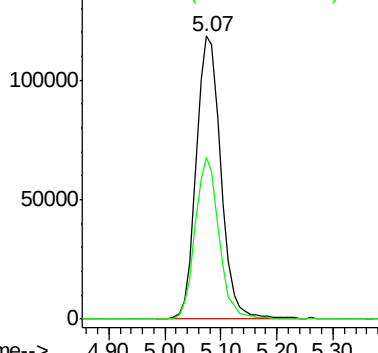
168 100

99 57.0 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: 34.711 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062558.D

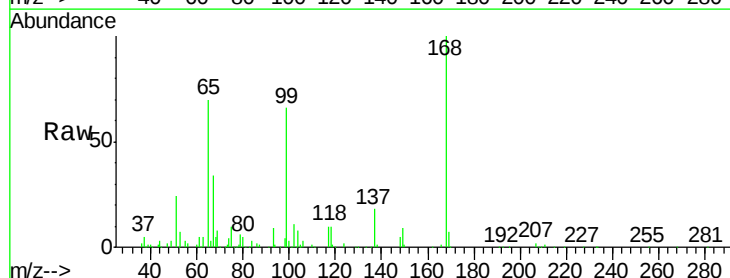
Acq: 13 May 2019 22:55

Tgt Ion: 65 Resp: 118696

Ion Ratio Lower Upper

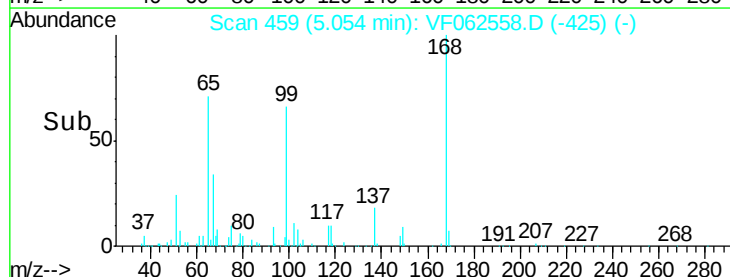
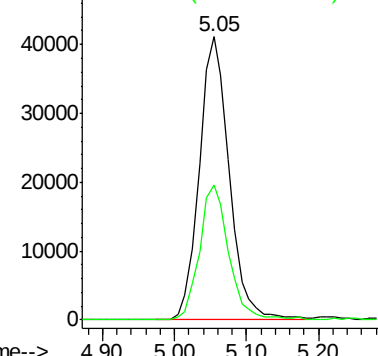
65 100

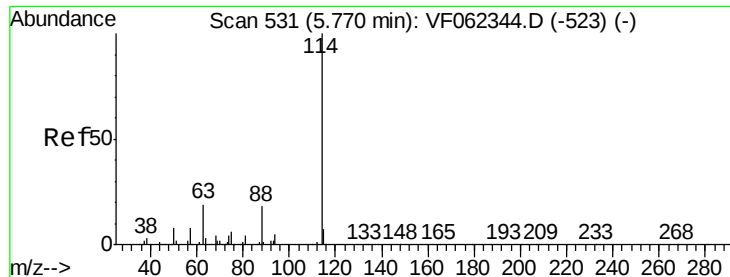
67 47.1 0.0 85.8



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: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062558.D

Acq: 13 May 2019 22:55

Instrument :

MSVOA_F

ClientSampleId :

SU-02-050919-A

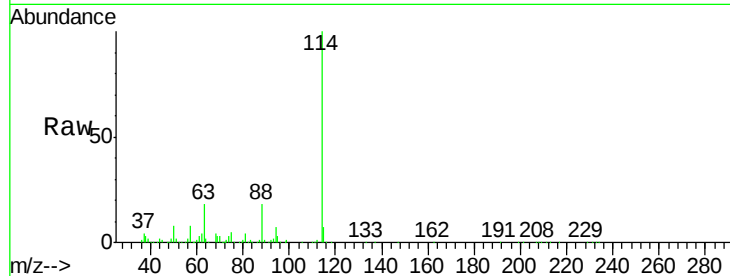
Tot Ion:114 Resp: 493870

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

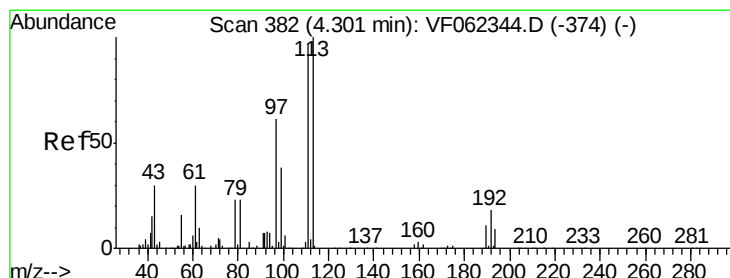
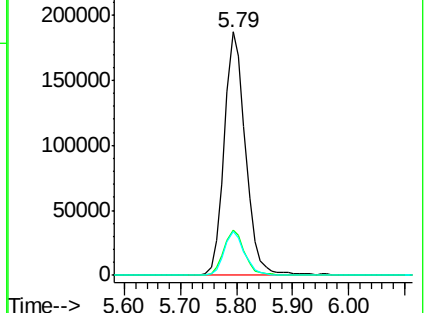
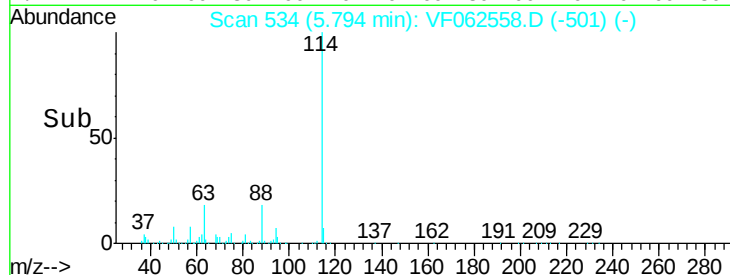
88 18.2 0.0 36.4



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: 37.012 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062558.D

Acq: 13 May 2019 22:55

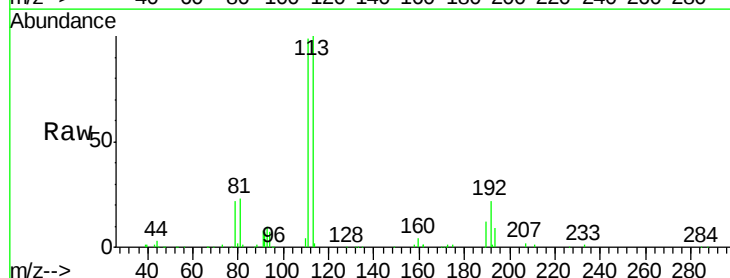
Tgt Ion:113 Resp: 145626

Ion Ratio Lower Upper

113 100

111 102.3 79.4 119.0

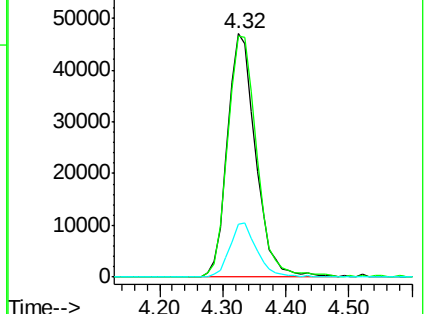
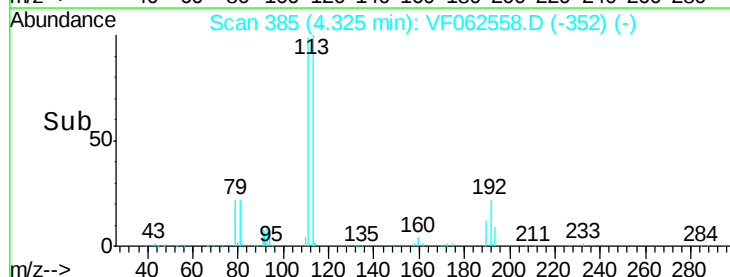
192 21.2 16.0 24.0

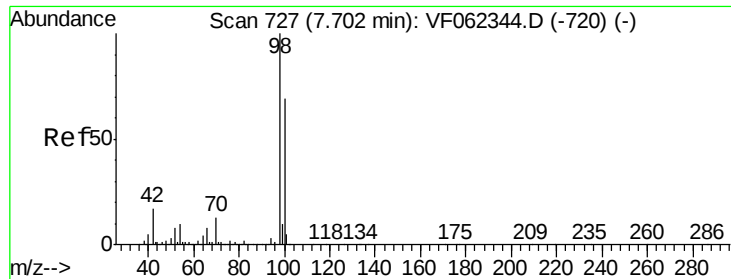


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 27.508 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062558.D

Acq: 13 May 2019 22:55

Instrument :

MSVOA_F

ClientSampleId :

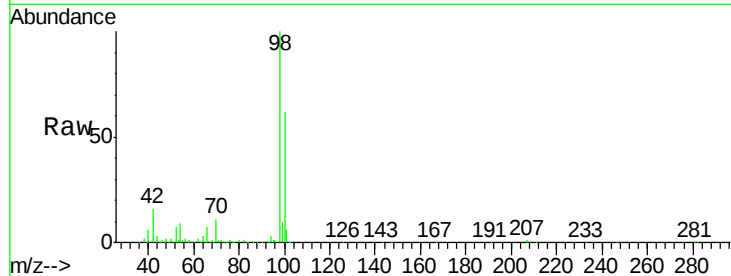
SU-02-050919-A

Tot Ion: 98 Resp: 261991

Ion Ratio Lower Upper

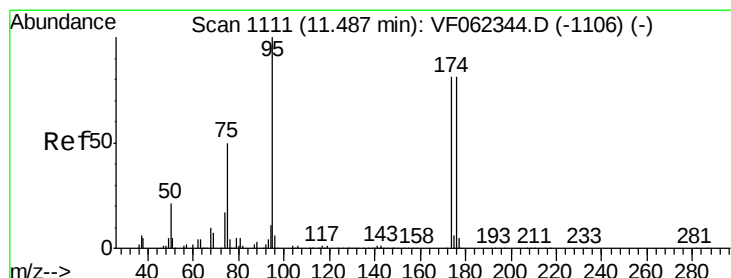
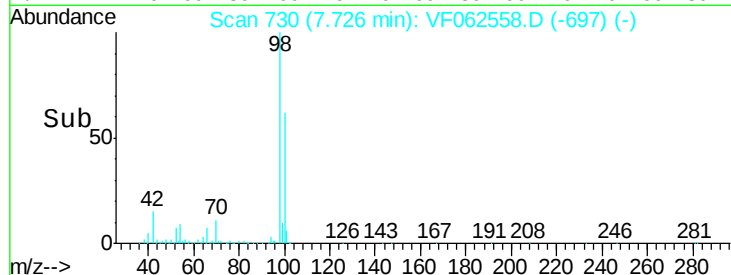
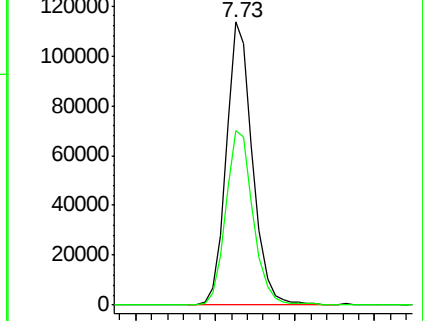
98 100

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



#62

4-Bromofluorobenzene

Concen: 32.787 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062558.D

Acq: 13 May 2019 22:55

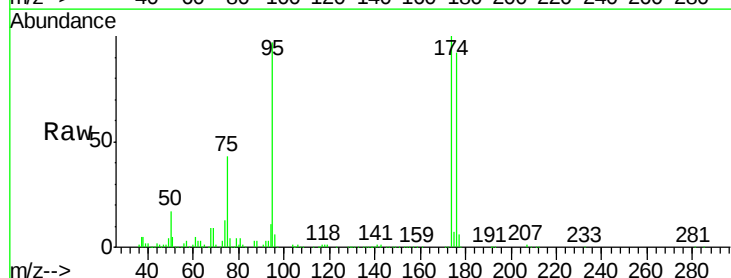
Tgt Ion: 95 Resp: 140887

Ion Ratio Lower Upper

95 100

174 101.1 0.0 191.8

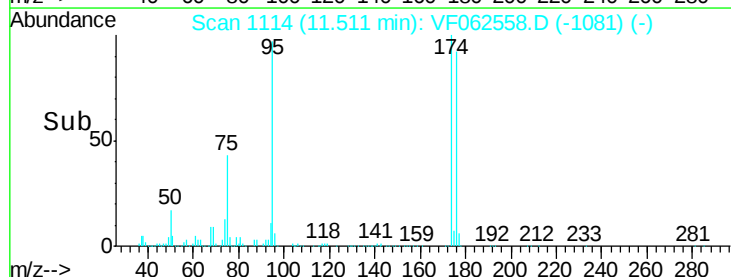
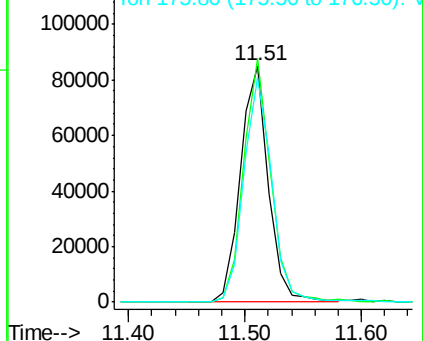
176 95.8 0.0 193.2

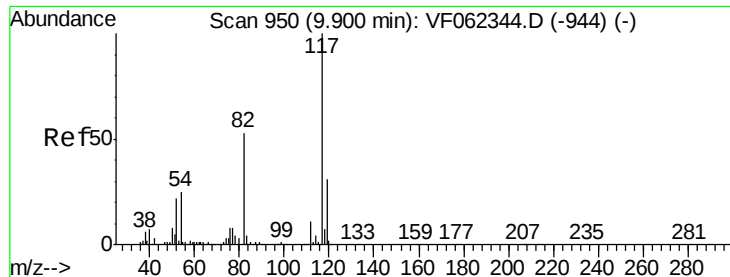


Abundance Ion 94.90 (94.60 to 95.60): VF0

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: 9.92 min Scan# 953

Delta R.T. 0.02 min

Lab File: VF062558.D

Acq: 13 May 2019 22:55

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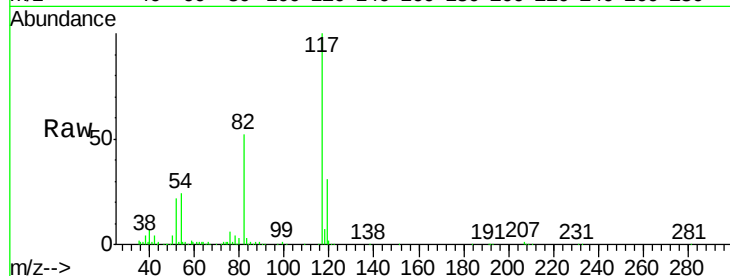
Tot Ion:117 Resp: 358961

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.2

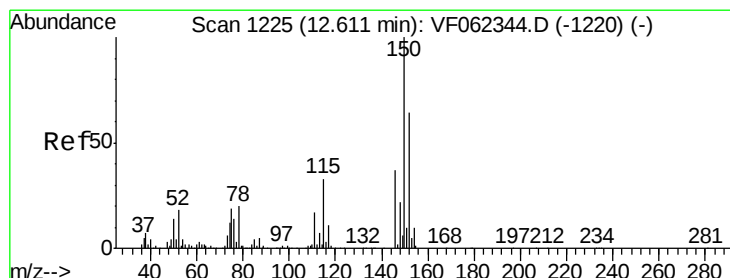
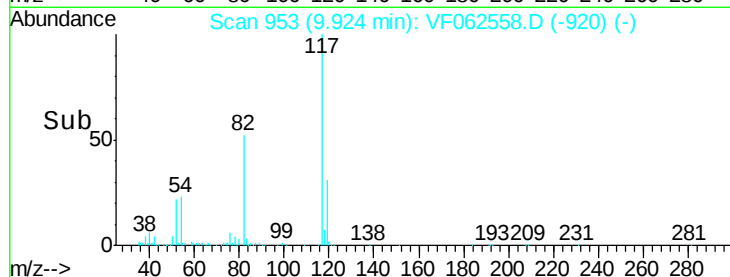
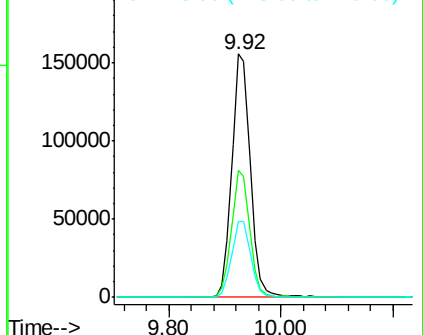
119 31.2 25.0 37.4



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: 12.62 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF062558.D

Acq: 13 May 2019 22:55

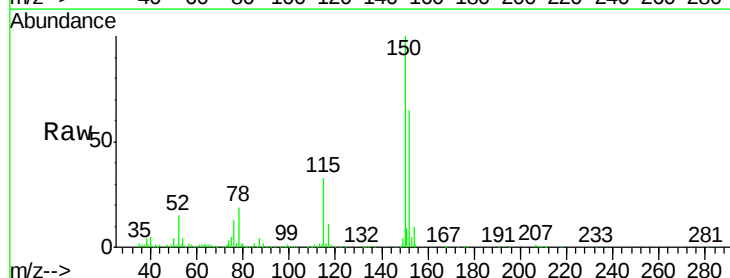
Tgt Ion:152 Resp: 213600

Ion Ratio Lower Upper

152 100

115 53.3 26.4 79.2

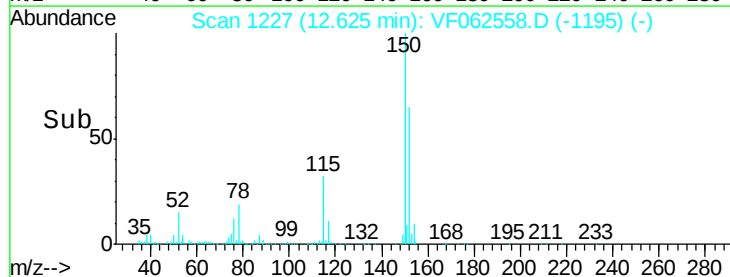
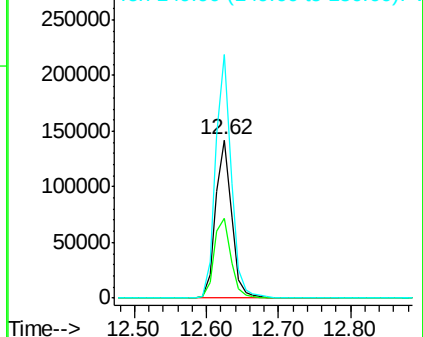
150 151.6 0.0 335.0

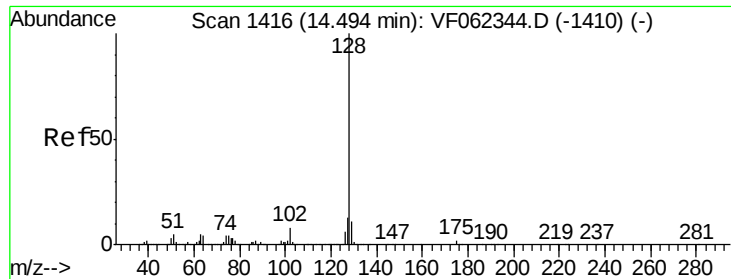


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 11.596 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062558.D

Acq: 13 May 2019 22:55

Instrument :

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ClientSampleId :

SU-02-050919-A

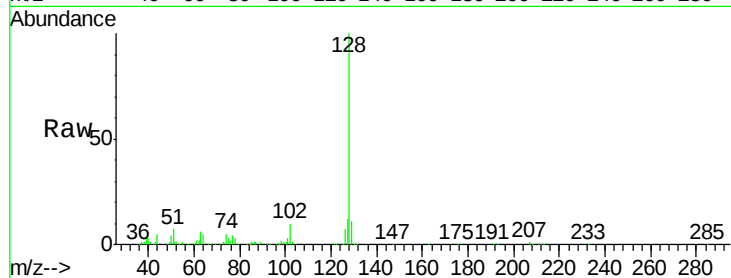
Tot Ion:128 Resp: 91869

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

