

Data File : VF062461.D
Acq On : 11 May 2019 15:44
Operator : FY/SY
Sample : K2719-21RE
Misc : 3.39g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-1218-01RE

Quant Time: May 12 04:21:12 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

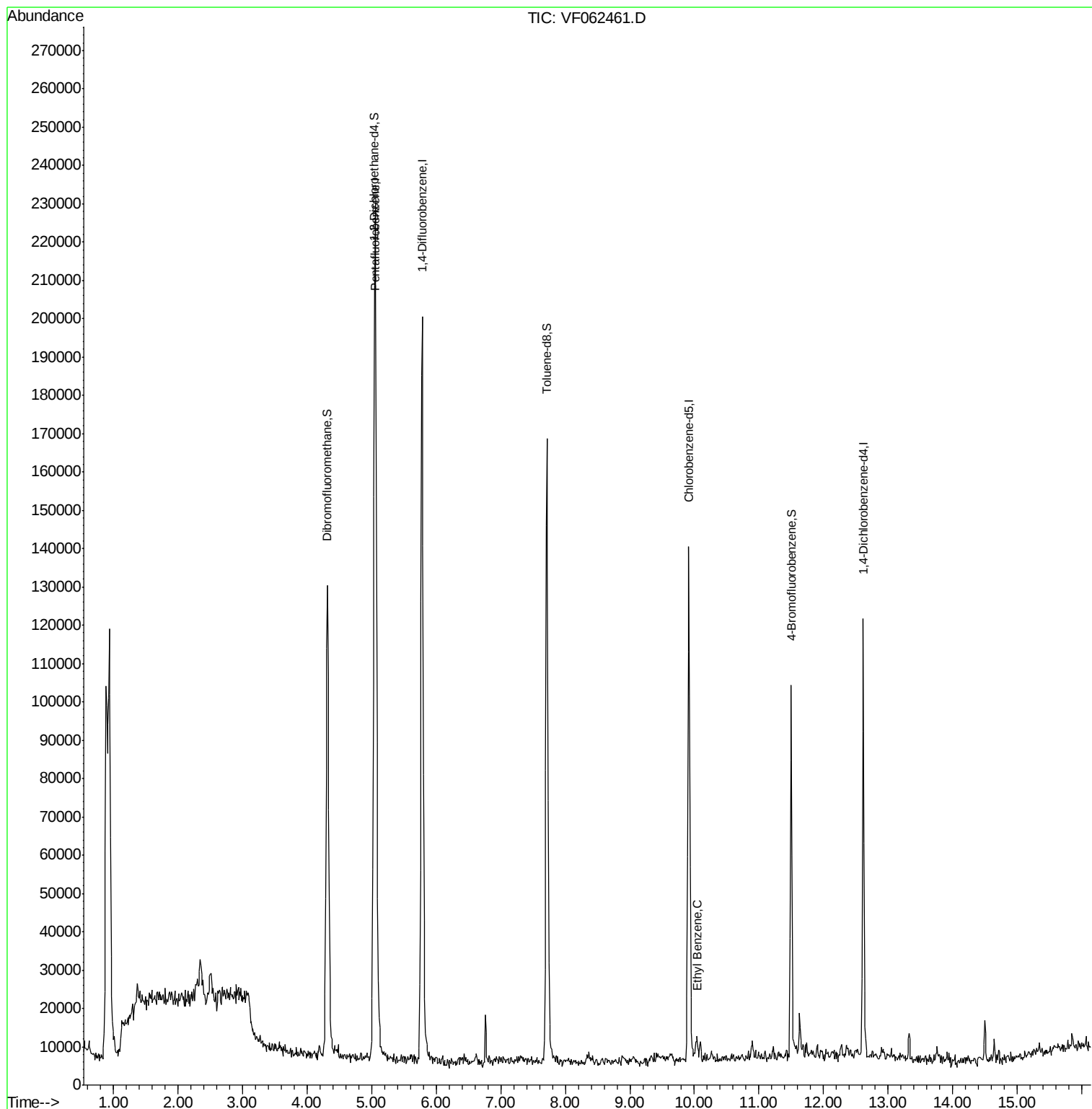
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	167295	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	204528	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	94818	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	29916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	107008	67.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	135.36%	
35) Dibromofluoromethane	4.32	113	109074	66.94	ug/l	0.01
Spiked Amount 50.000			Recovery	=	133.88%	
50) Toluene-d8	7.72	98	140063	35.51	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.02%	
62) 4-Bromofluorobenzene	11.50	95	34165	19.20	ug/l	0.01
Spiked Amount 50.000			Recovery	=	38.40%	
Target Compounds						
67) Ethyl Benzene	10.03	91	4202	1.530	ug/l #	Qvalue 69

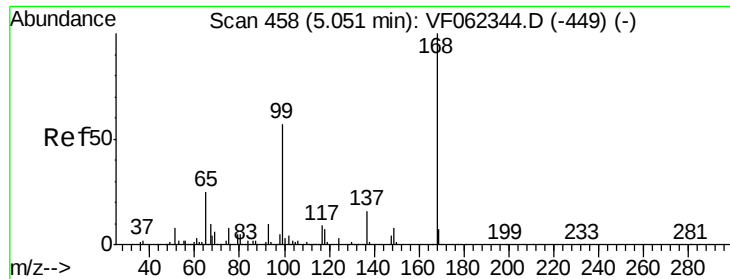
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

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ClientSampleId :

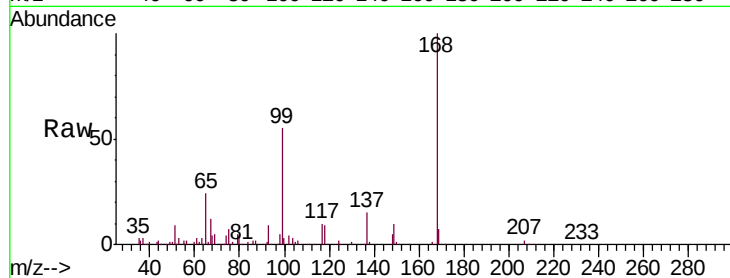
P026-SS011-1218-01RE

Tgt Ion:168 Resp: 167295

Ion Ratio Lower Upper

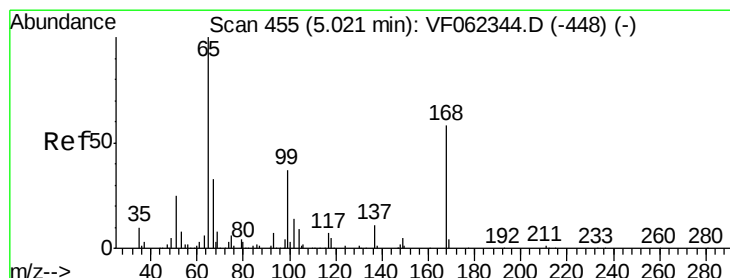
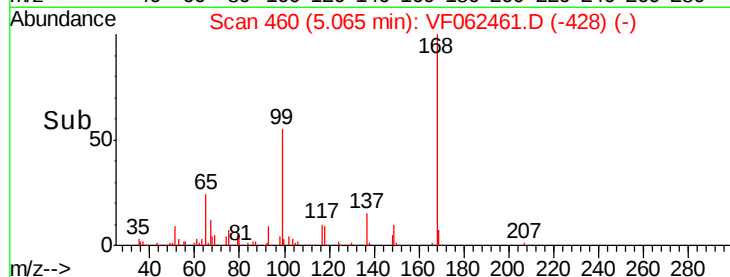
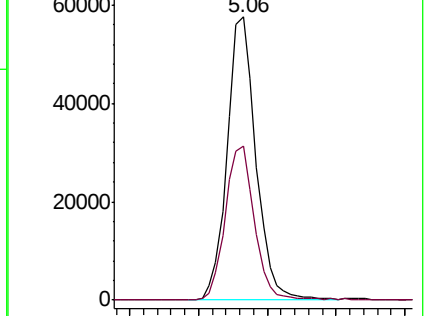
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 67.683 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF062461.D

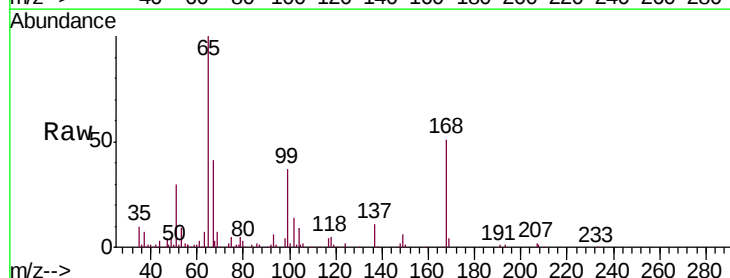
Acq: 11 May 2019 15:44

Tgt Ion: 65 Resp: 107008

Ion Ratio Lower Upper

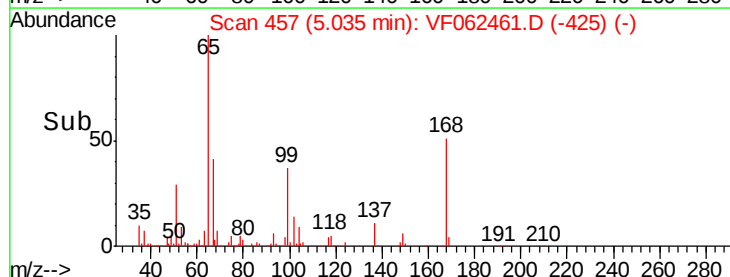
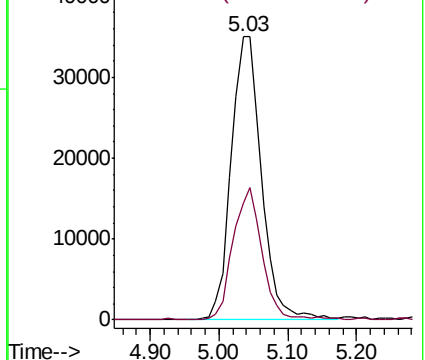
65 100

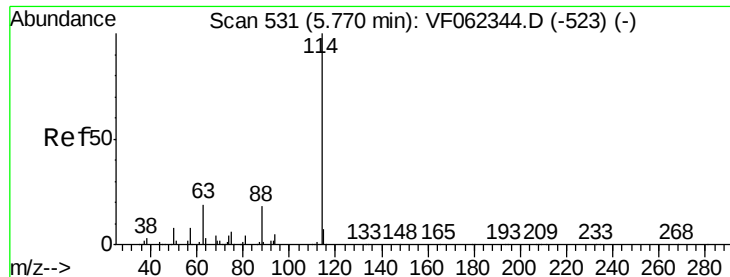
67 45.1 0.0 85.8



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: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062461.D

Acq: 11 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

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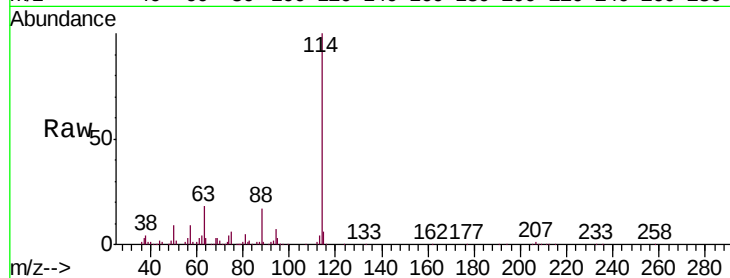
Tgt Ion:114 Resp: 204528

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

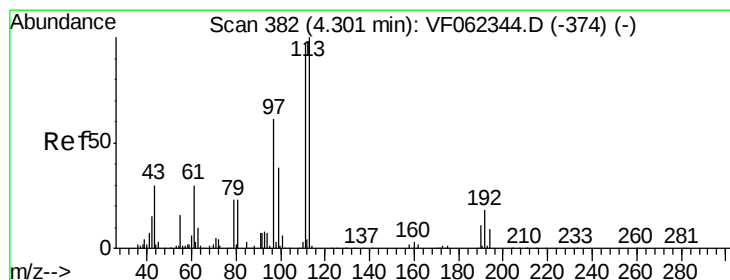
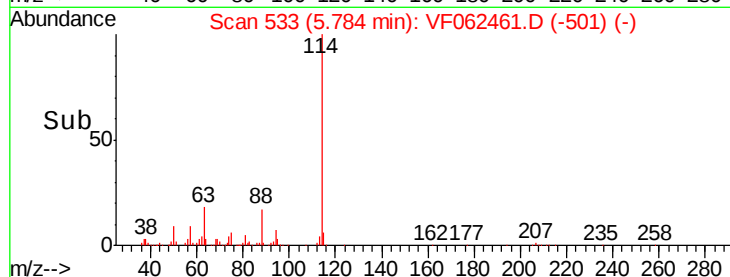
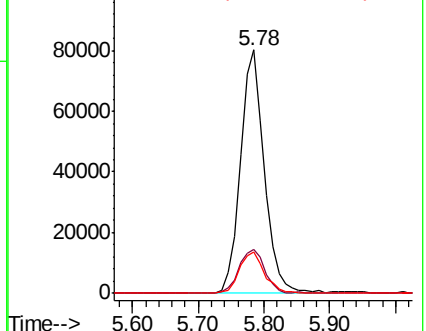
88 16.8 0.0 36.4



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: 66.940 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062461.D

Acq: 11 May 2019 15:44

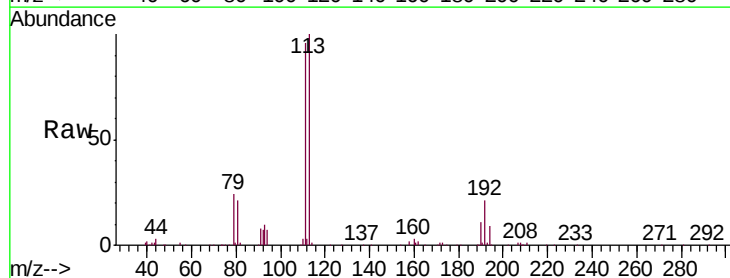
Tgt Ion:113 Resp: 109074

Ion Ratio Lower Upper

113 100

111 96.7 79.4 119.0

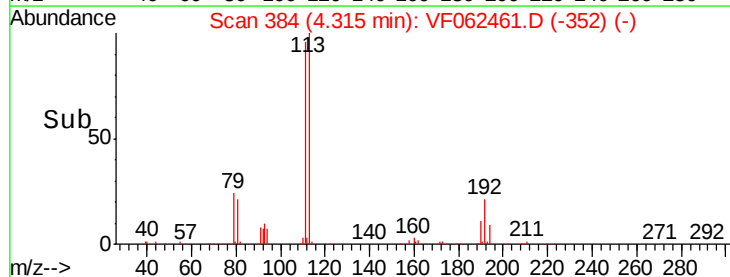
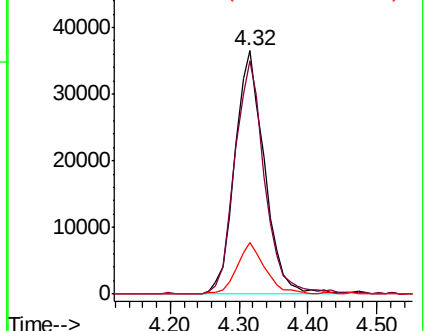
192 20.0 16.0 24.0

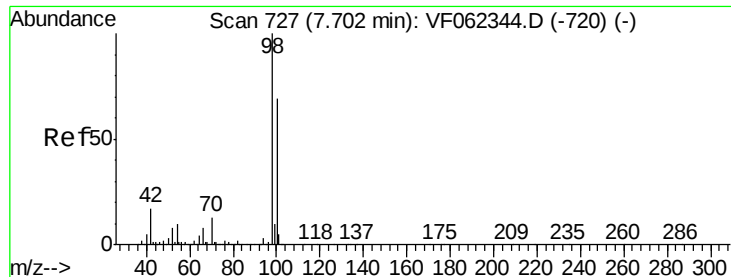


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

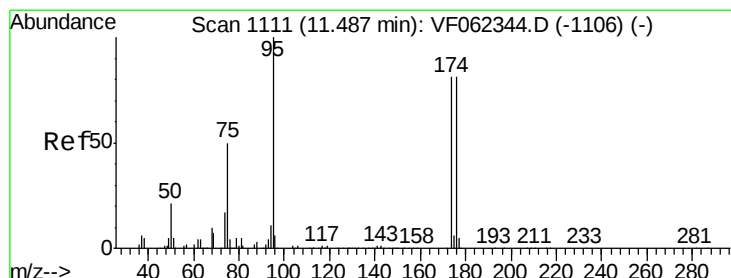
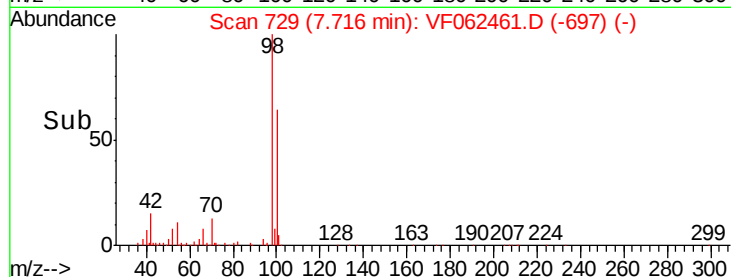
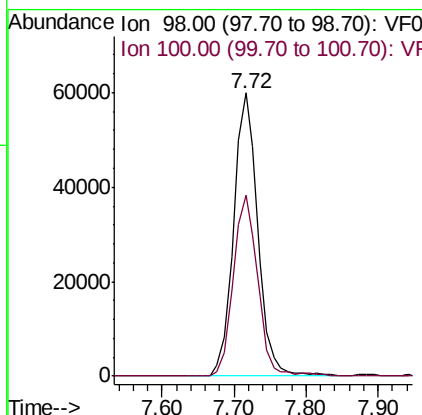
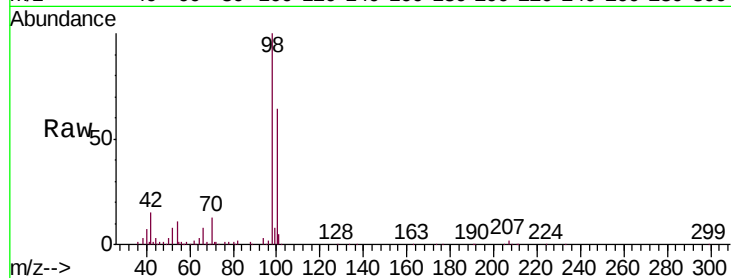




#50
Toluene-d8
Concen: 35.510 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062461.D
Acq: 11 May 2019 15:44

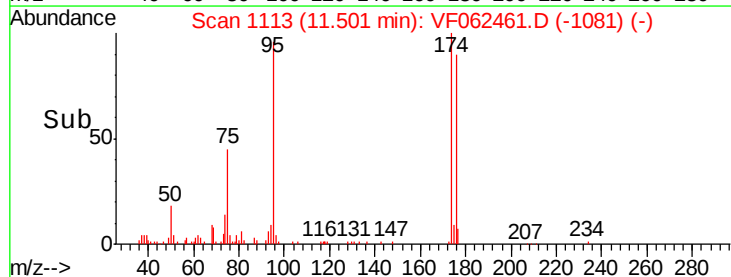
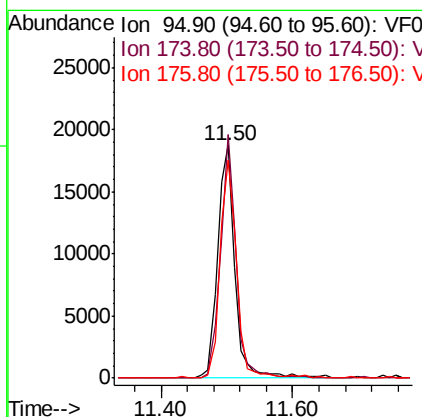
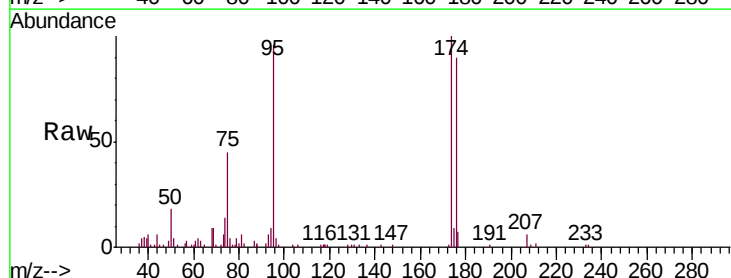
Instrument :
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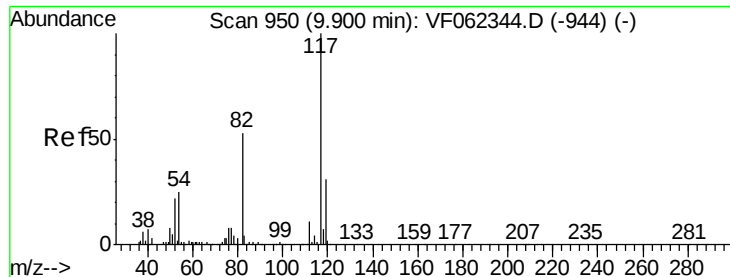
Tgt Ion: 98 Resp: 140063
Ion Ratio Lower Upper
98 100
100 64.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 19.199 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062461.D
Acq: 11 May 2019 15:44

Tgt Ion: 95 Resp: 34165
Ion Ratio Lower Upper
95 100
174 93.9 0.0 191.8
176 89.1 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF062461.D

Acq: 11 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS011-1218-01RE

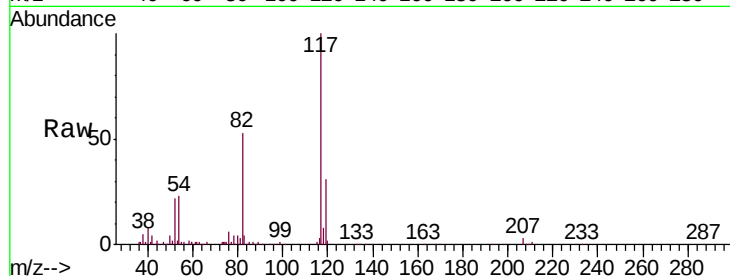
Tgt Ion:117 Resp: 94818

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.2

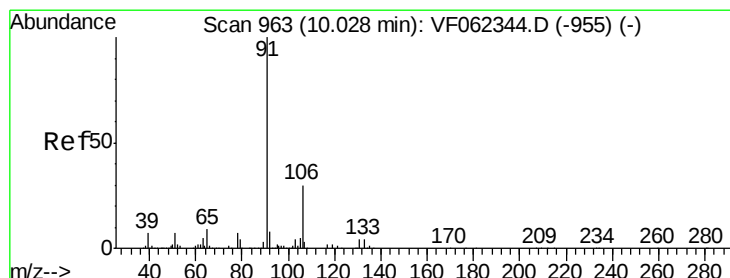
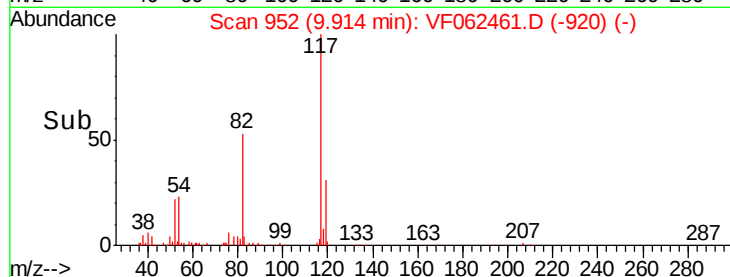
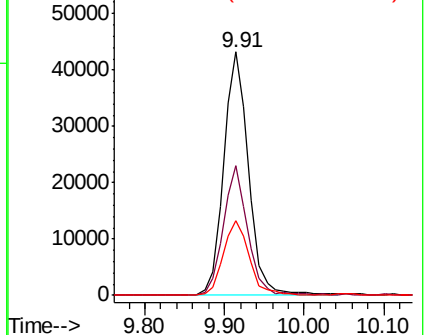
119 30.9 25.0 37.4



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



#67

Ethyl Benzene

Concen: 1.530 ug/l

RT: 10.03 min Scan# 964

Delta R.T. 0.00 min

Lab File: VF062461.D

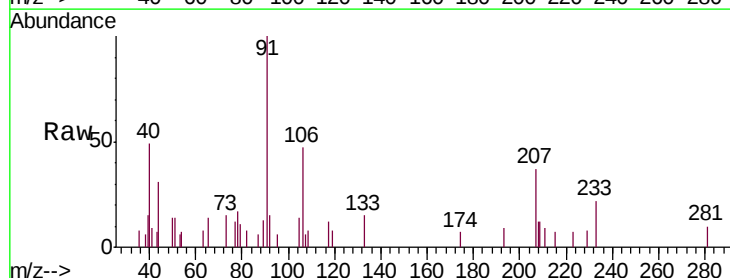
Acq: 11 May 2019 15:44

Tgt Ion: 91 Resp: 4202

Ion Ratio Lower Upper

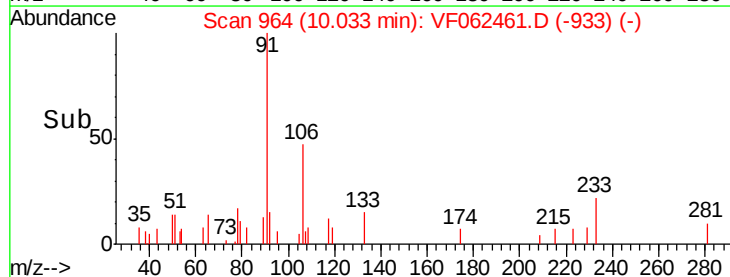
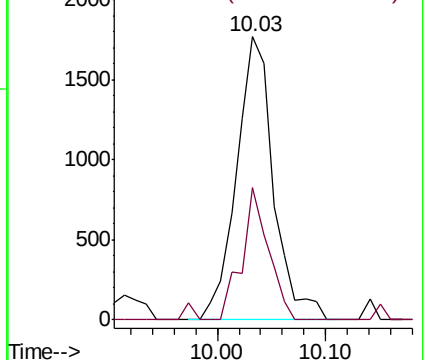
91 100

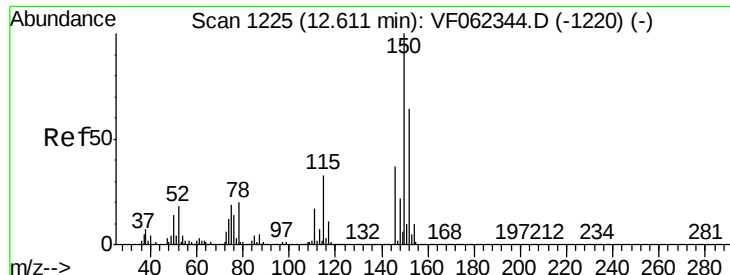
106 46.9 24.1 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062461.D

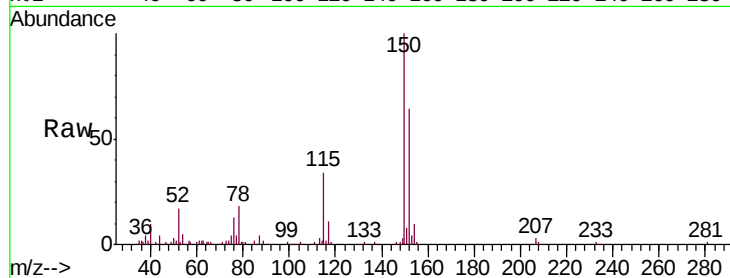
Acq: 11 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS011-1218-01RE



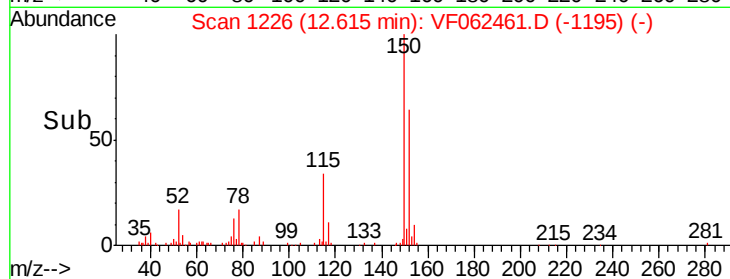
Tgt Ion:152 Resp: 29916

Ion Ratio Lower Upper

152 100

115 54.2 26.4 79.2

150 161.1 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

