

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062673.D
 Acq On : 20 May 2019 21:04
 Operator : FY/SY
 Sample : K2905-14RE
 Misc : 4.94g/5mL/MSVOA F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GIS-3-4FTRE

Quant Time: May 21 02:29:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

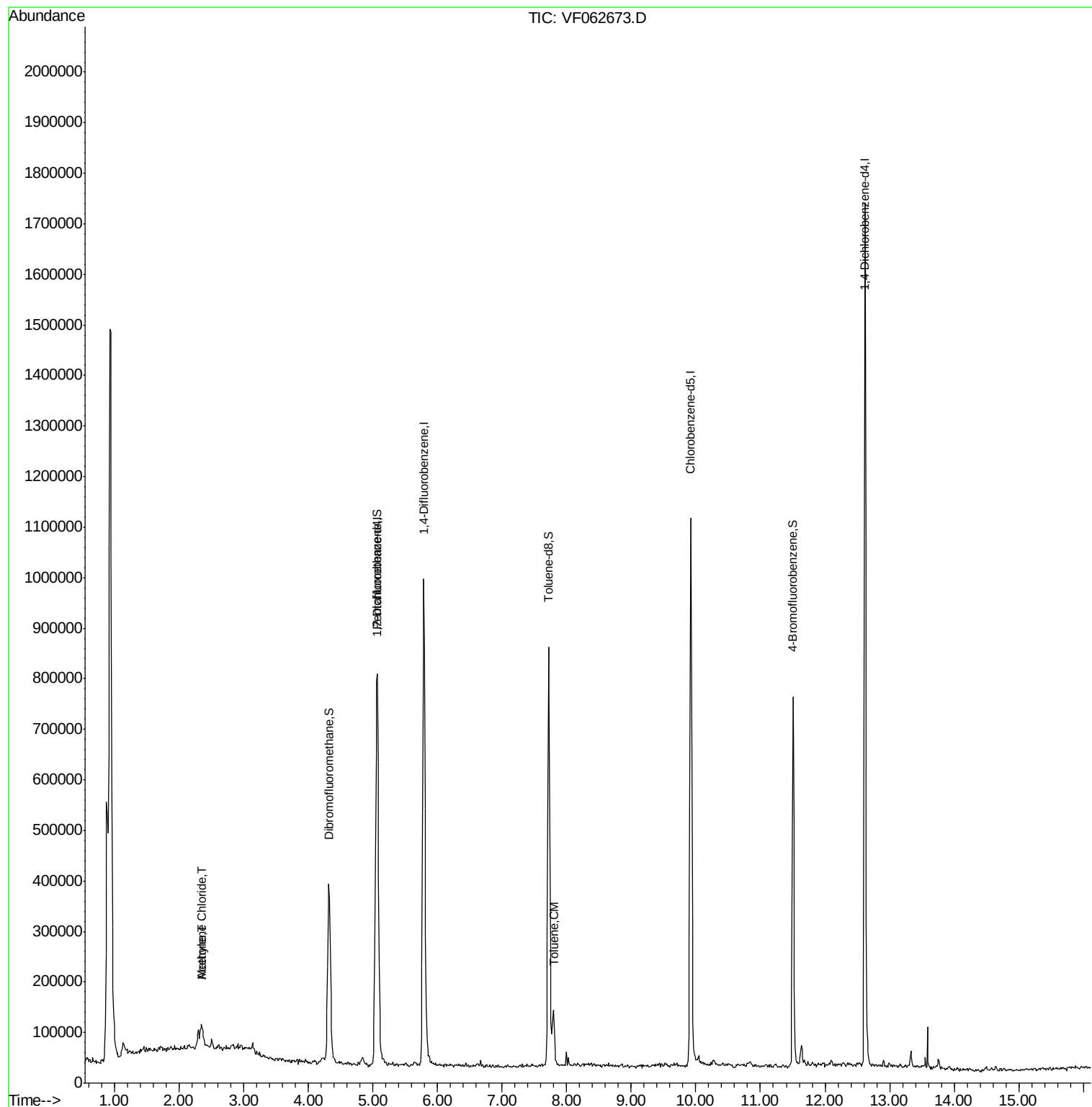
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	739181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1244089	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	903299	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	436926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	186958	35.79	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.58%	
35) Dibromofluoromethane	4.32	113	361527	37.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.96%	
50) Toluene-d8	7.72	98	758643	33.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.76%	
62) 4-Bromofluorobenzene	11.51	95	262469	30.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.90%	
Target Compounds						
16) Acetone	2.36	43	29484	21.757	ug/l #	86
20) Methylene Chloride	2.34	84	51619m	7.599	ug/l	
52) Toluene	7.79	92	64591	3.546	ug/l	93

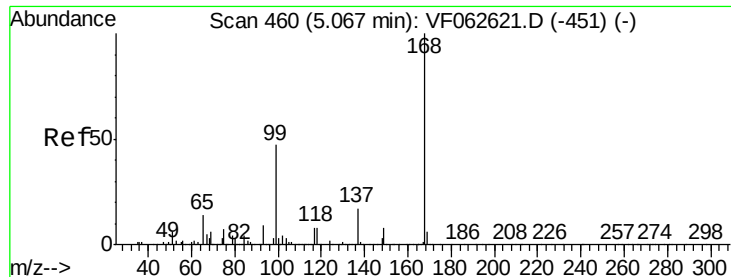
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062673.D

Acq: 20 May 2019 21:04

Instrument :

MSVOA_F

ClientSampleId :

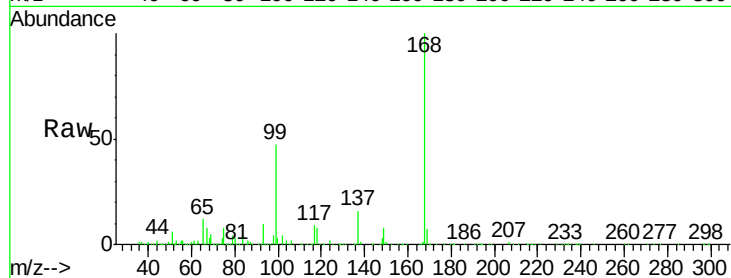
GIS-3-4FTRE

Tot Ion:168 Resp: 739181

Ion Ratio Lower Upper

168 100

99 46.5 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

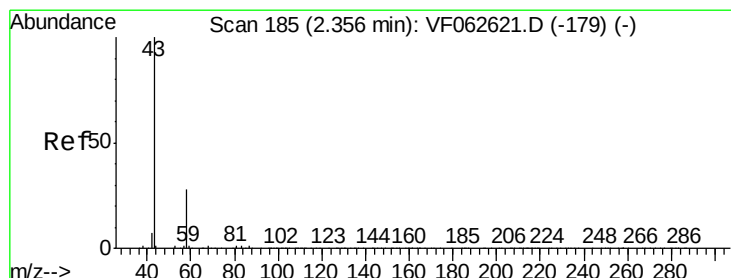
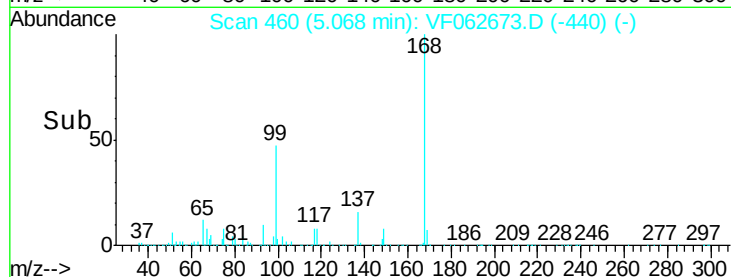
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 21.757 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062673.D

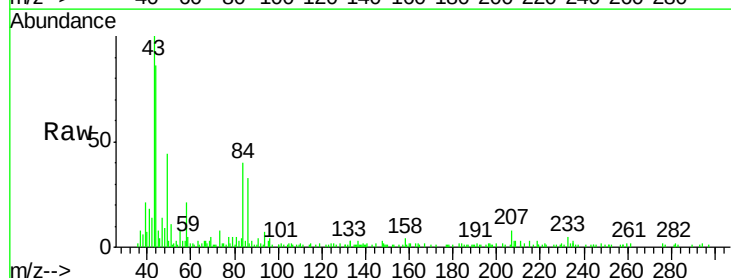
Acq: 20 May 2019 21:04

Tgt Ion: 43 Resp: 29484

Ion Ratio Lower Upper

43 100

58 20.8 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

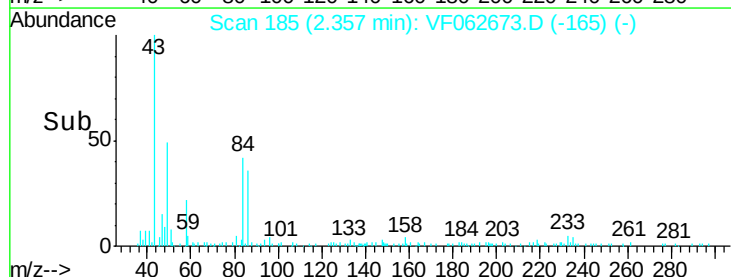
15000

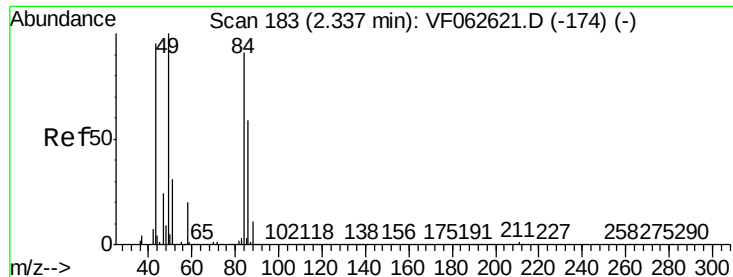
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 7.599 ug/l m

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF062673.D

Acq: 20 May 2019 21:04

Instrument :

MSVOA_F

ClientSampleId :

GIS-3-4FTRE

Tot Ion: 84 Resp: 51619

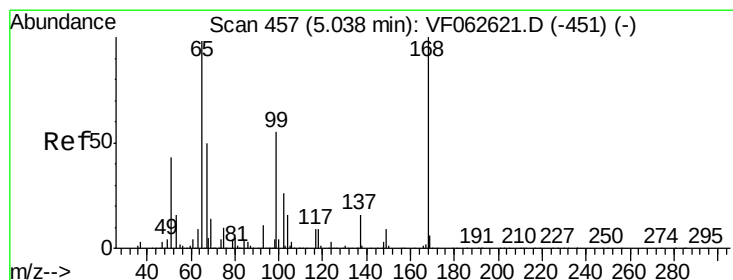
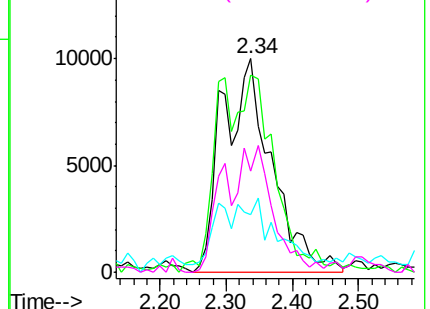
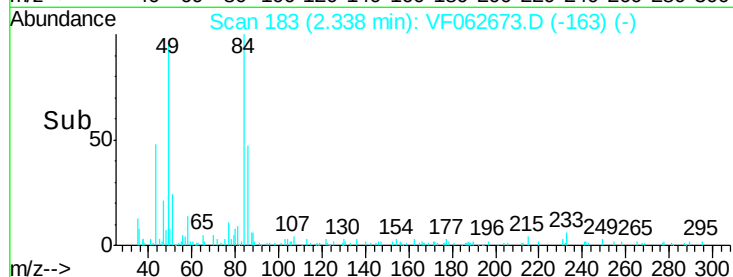
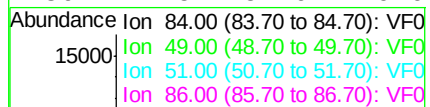
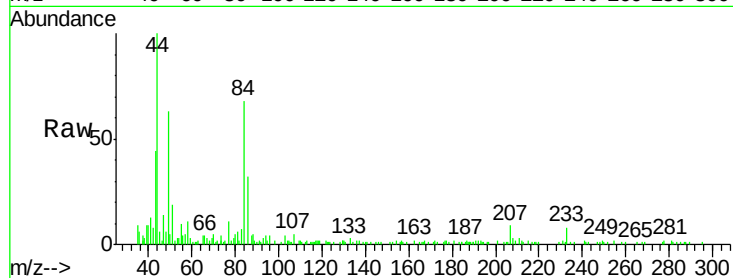
Ion Ratio Lower Upper

84 100

49 92.0 89.8 134.8

51 27.2 28.4 42.6#

86 47.5 52.6 79.0#



#33

1,2-Dichloroethane-d4

Concen: 35.792 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062673.D

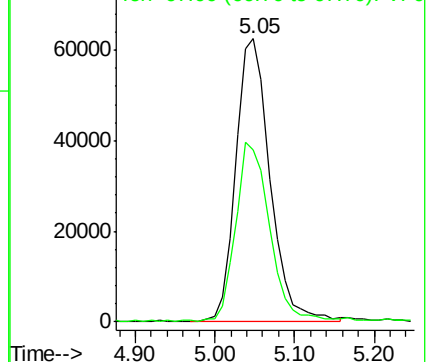
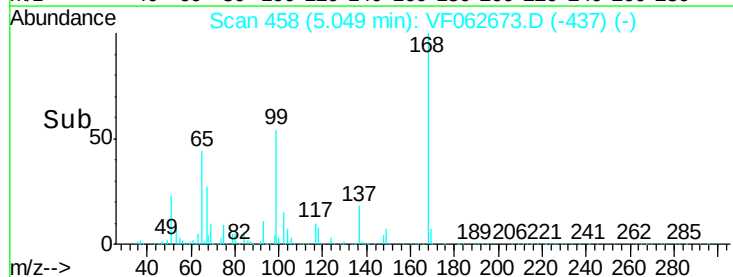
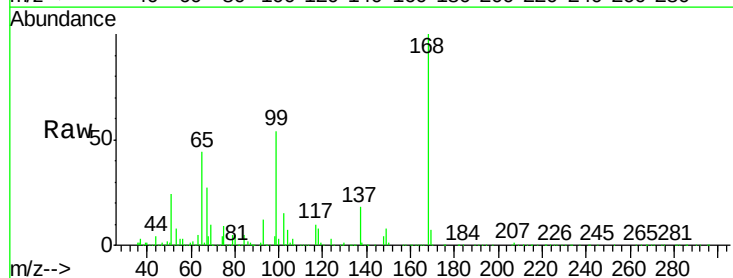
Acq: 20 May 2019 21:04

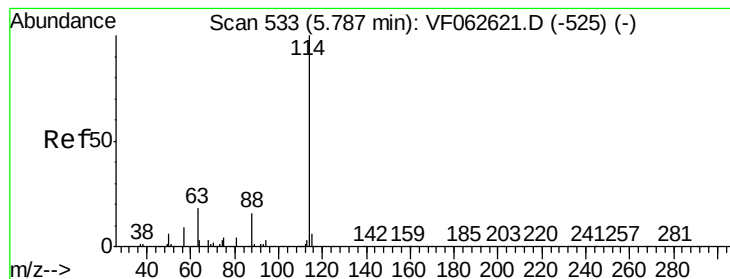
Tgt Ion: 65 Resp: 186958

Ion Ratio Lower Upper

65 100

67 60.8 0.0 117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF062673.D

Acq: 20 May 2019 21:04

Instrument :

MSVOA_F

ClientSampleId :

GIS-3-4FTRE

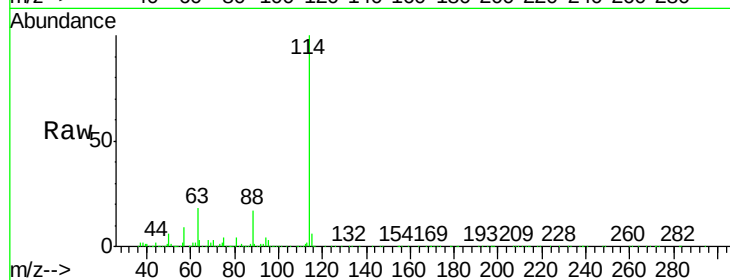
Tot Ion:114 Resp: 1244089

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

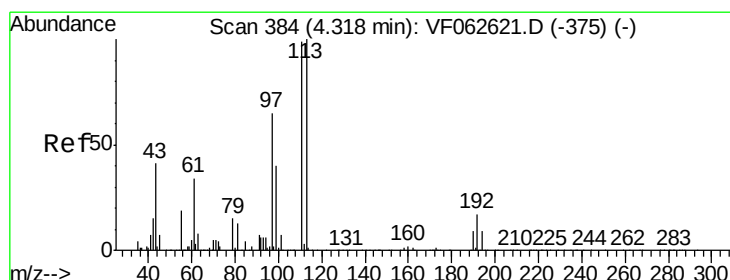
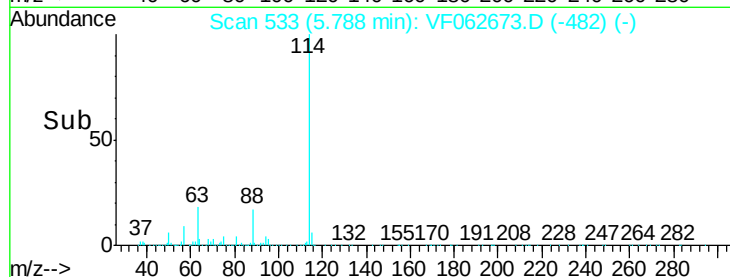
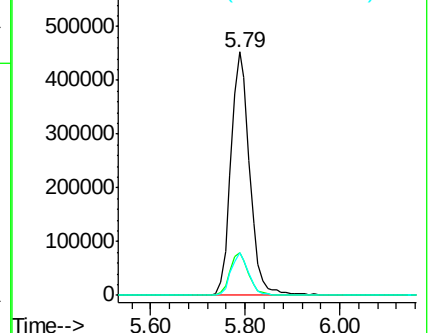
88 17.3 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 37.976 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062673.D

Acq: 20 May 2019 21:04

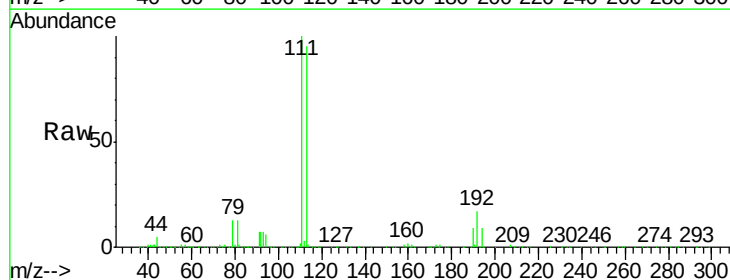
Tgt Ion:113 Resp: 361527

Ion Ratio Lower Upper

113 100

111 105.6 79.4 119.2

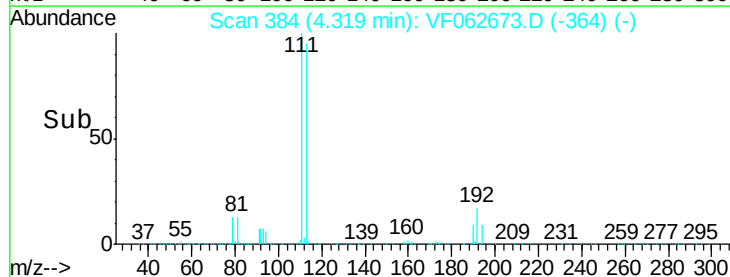
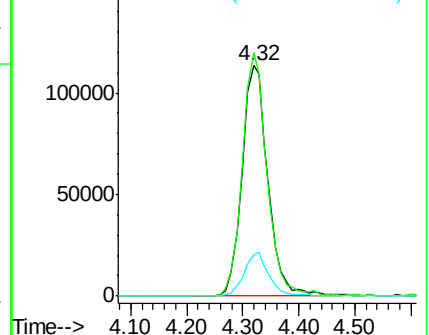
192 18.0 13.4 20.2

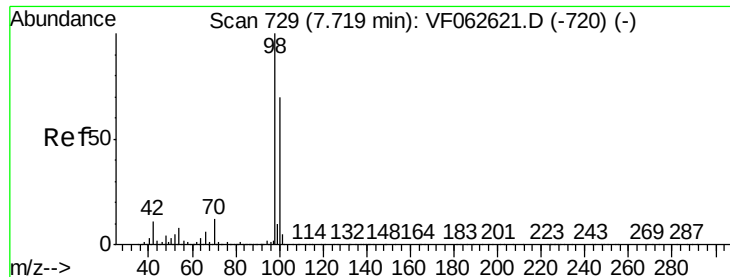


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

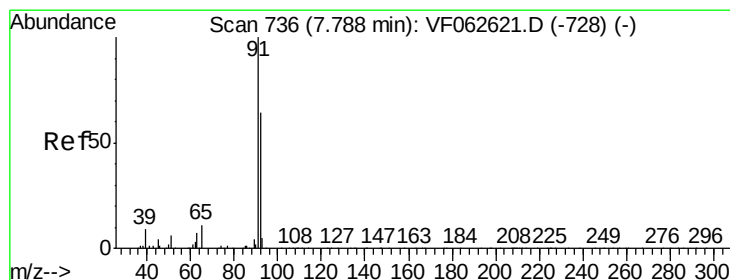
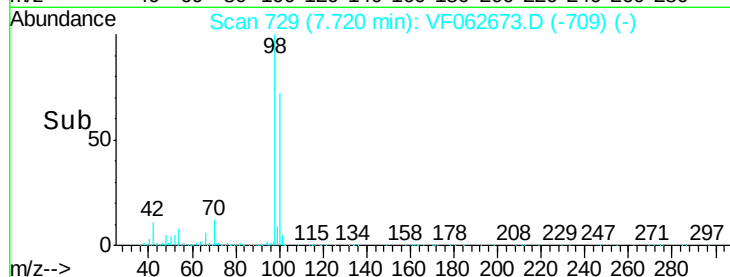
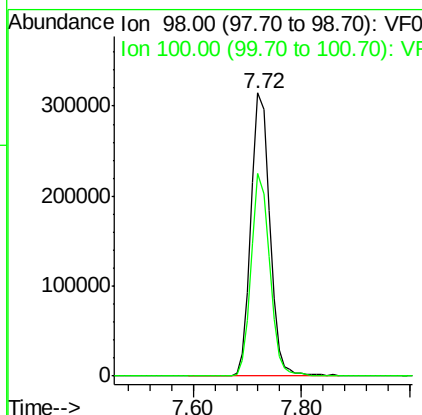
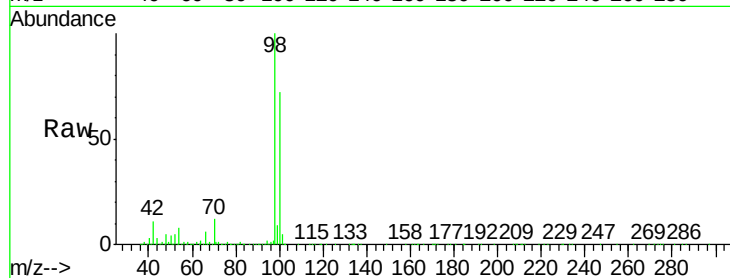




#50
Toluene-d8
Concen: 33.377 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062673.D
Acq: 20 May 2019 21:04

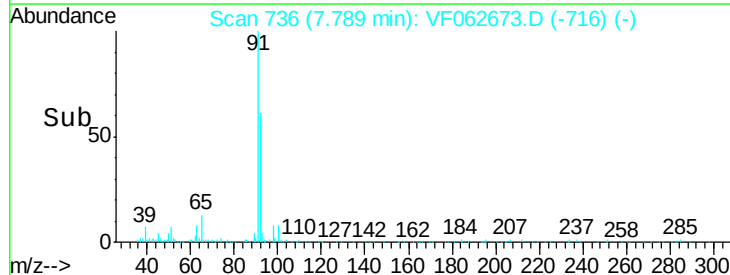
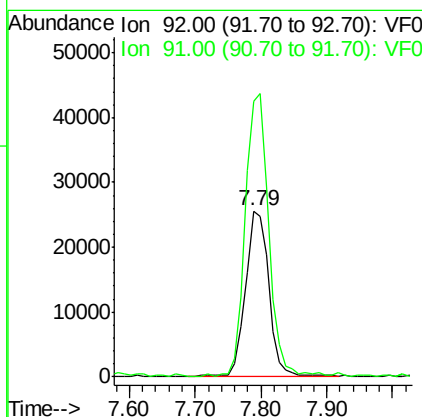
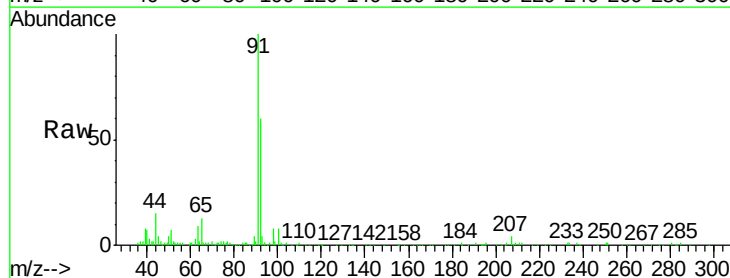
Instrument :
MSVOA_F
ClientSampleId :
GIS-3-4FTRE

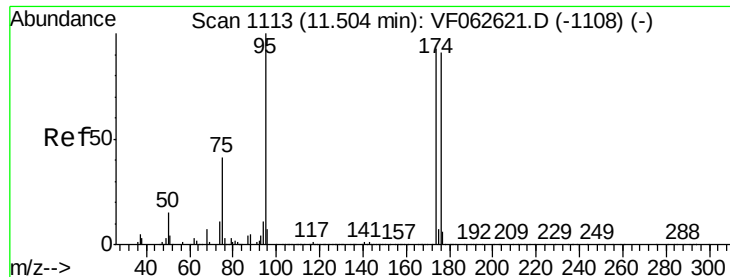
Tot Ion: 98 Resp: 758643
Ion Ratio Lower Upper
98 100
100 71.8 56.2 84.2



#52
Toluene
Concen: 3.546 ug/l
RT: 7.79 min Scan# 736
Delta R.T. 0.00 min
Lab File: VF062673.D
Acq: 20 May 2019 21:04

Tgt Ion: 92 Resp: 64591
Ion Ratio Lower Upper
92 100
91 165.6 125.4 188.0





#62

4-Bromofluorobenzene

Concen: 30.447 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062673.D

Acq: 20 May 2019 21:04

Instrument :

MSVOA_F

ClientSampleId :

GIS-3-4FTRE

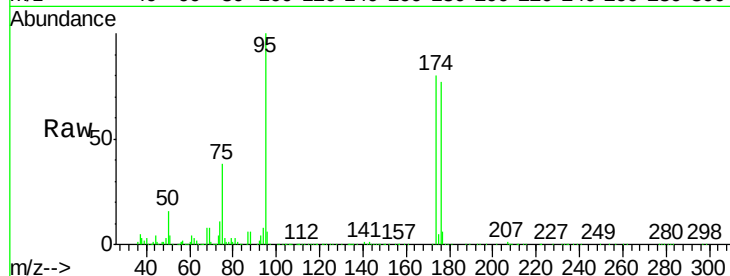
Tot Ion: 95 Resp: 262469

Ion Ratio Lower Upper

95 100

174 80.1 0.0 185.6

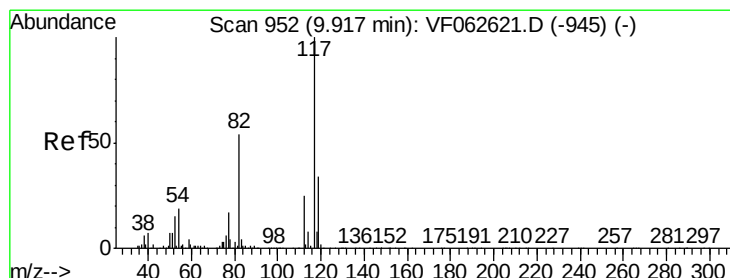
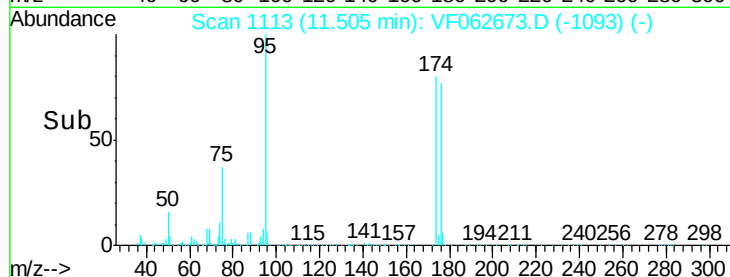
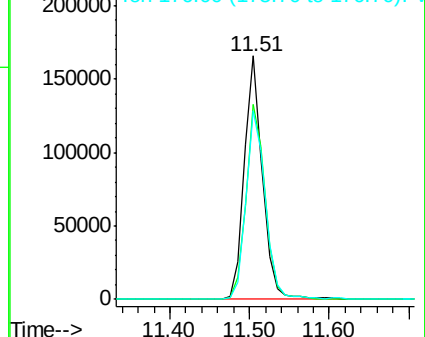
176 77.2 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.01 min

Lab File: VF062673.D

Acq: 20 May 2019 21:04

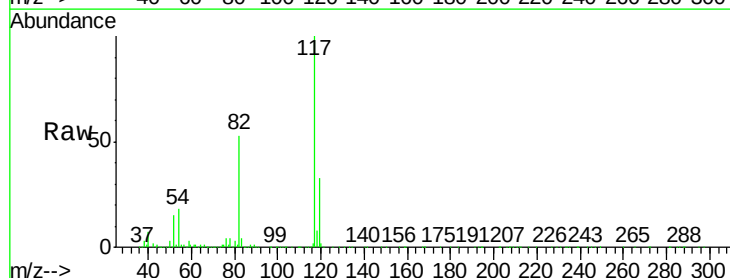
Tgt Ion: 117 Resp: 903299

Ion Ratio Lower Upper

117 100

82 52.6 43.3 64.9

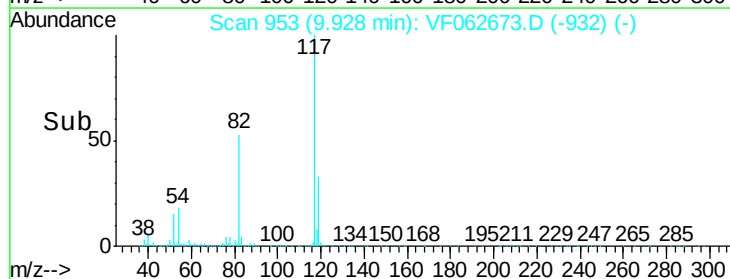
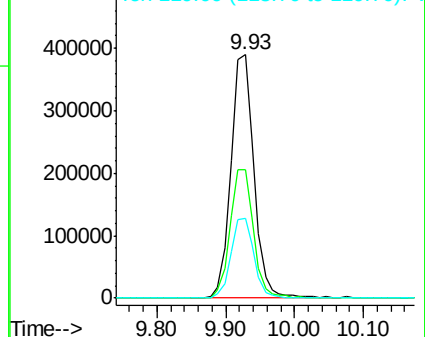
119 32.9 27.4 41.0

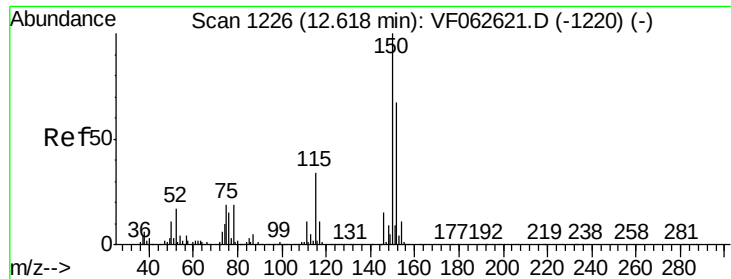


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062673.D

Acq: 20 May 2019 21:04

Instrument :

MSVOA_F

ClientSampleId :

GIS-3-4FTRE

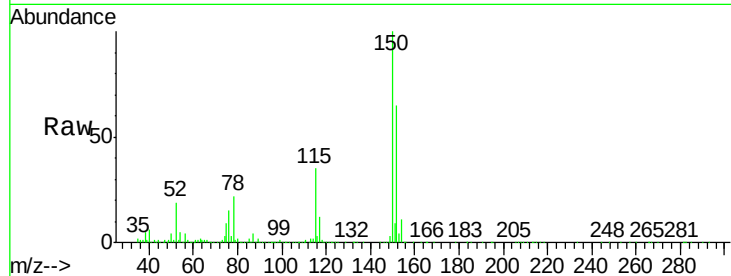
Tot Ion:152 Resp: 436926

Ion Ratio Lower Upper

152 100

115 54.3 25.2 75.6

150 153.4 0.0 306.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

