

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062672.D
 Acq On : 20 May 2019 20:37
 Operator : FY/SY
 Sample : K2905-10RE
 Misc : 4.51g/5mL/MSVOA F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GIS-2-4-FTRE

Quant Time: May 21 02:27:04 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

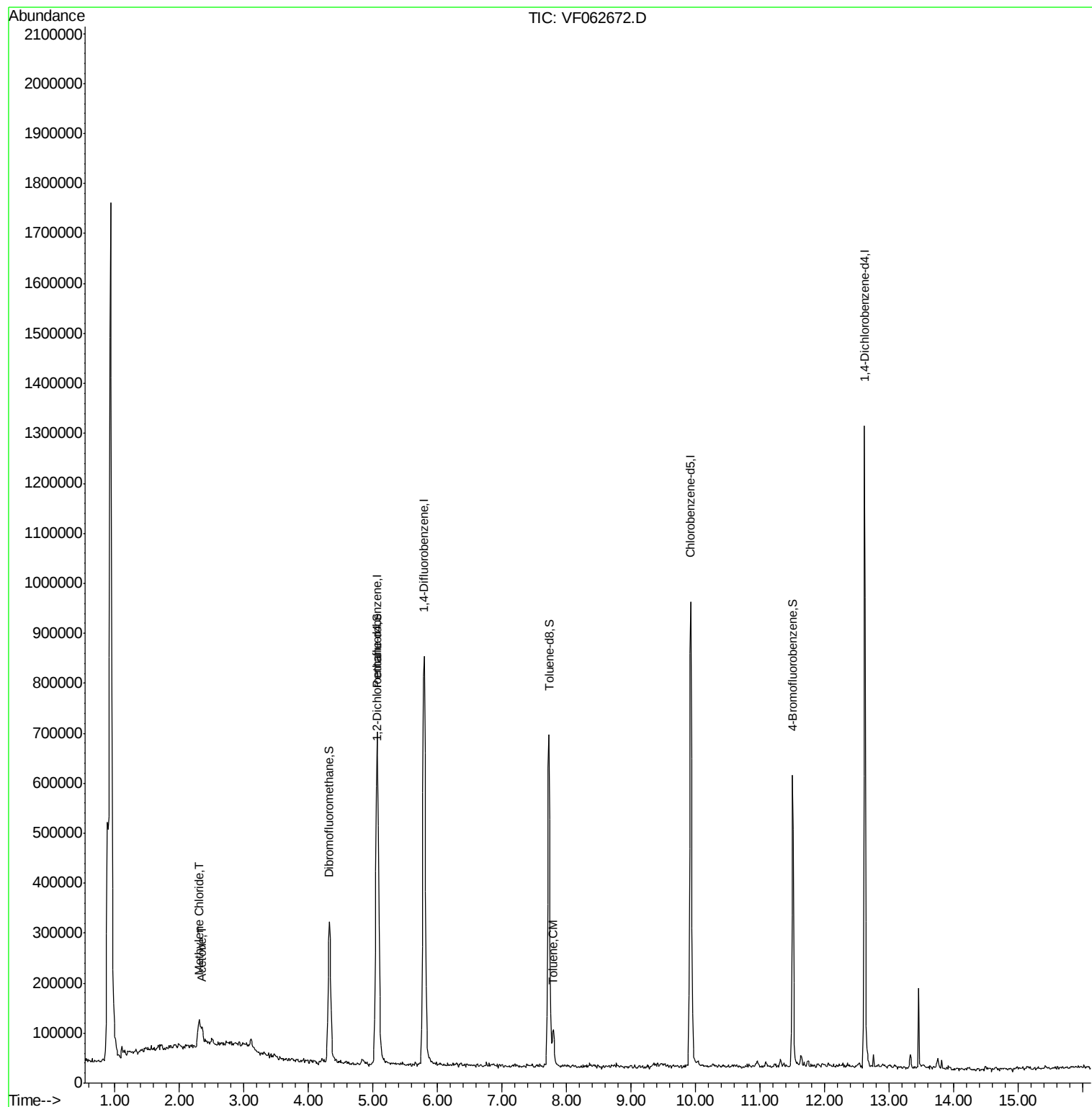
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	638078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1076006	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	724414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	345363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	148947	33.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.06%	
35) Dibromofluoromethane	4.33	113	284180	34.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.02%	
50) Toluene-d8	7.73	98	601070	30.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.16%	
62) 4-Bromofluorobenzene	11.50	95	216976	29.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.20%	
Target Compounds						
16) Acetone	2.36	43	34412	29.418	ug/l	98
20) Methylene Chloride	2.30	84	47424	8.088	ug/l #	88
52) Toluene	7.80	92	39513	2.508	ug/l	100

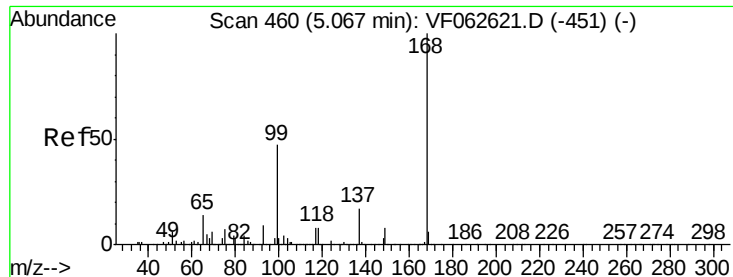
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062672.D

Acq: 20 May 2019 20:37

Instrument :

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ClientSampleId :

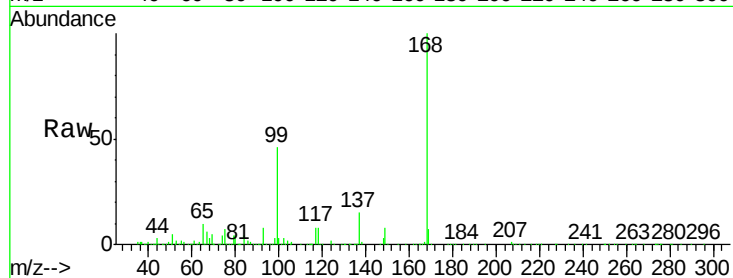
GIS-2-4-FTRE

Tot Ion:168 Resp: 638078

Ion Ratio Lower Upper

168 100

99 45.7 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.08

200000

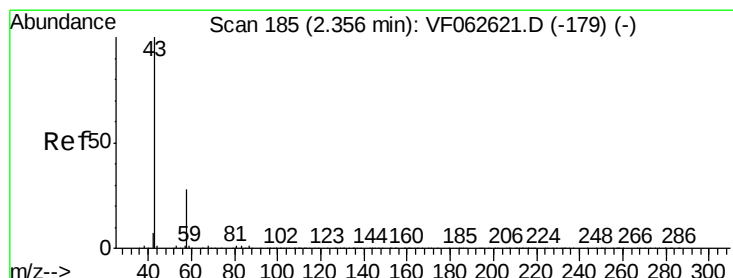
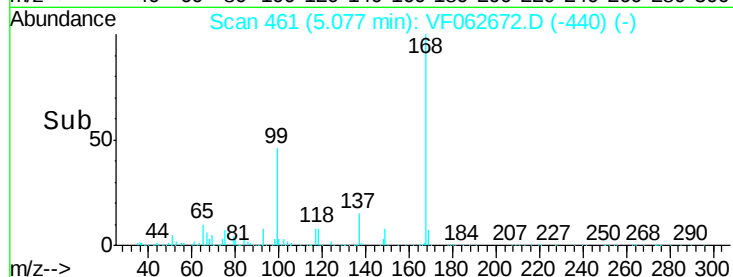
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 29.418 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062672.D

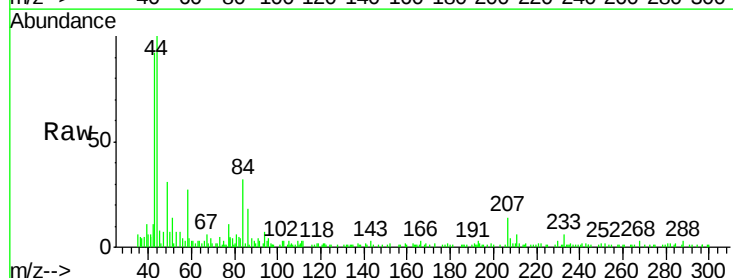
Acq: 20 May 2019 20:37

Tgt Ion: 43 Resp: 34412

Ion Ratio Lower Upper

43 100

58 29.1 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

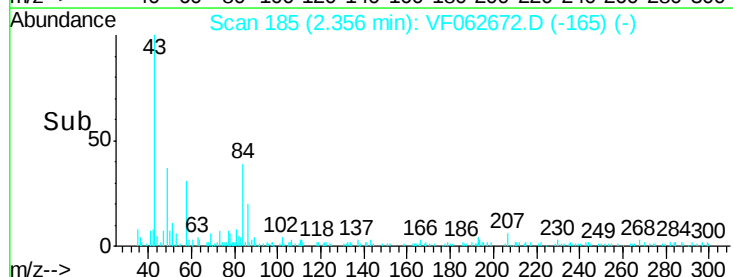
15000

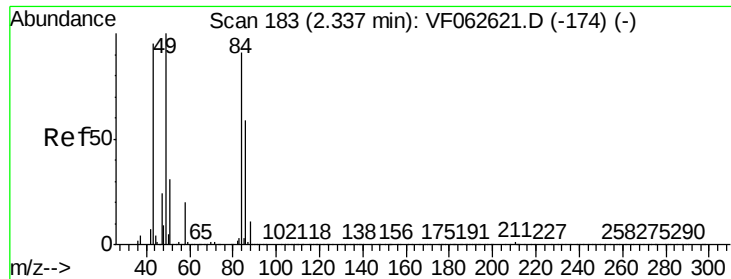
10000

5000

0

Time-->

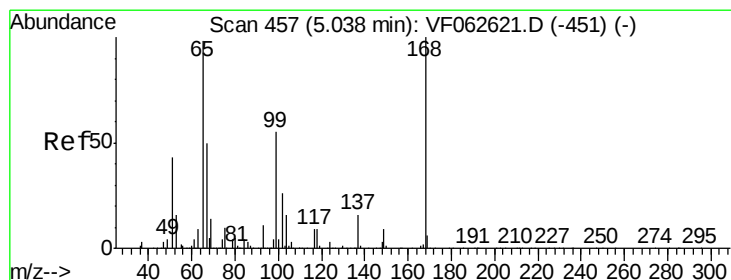
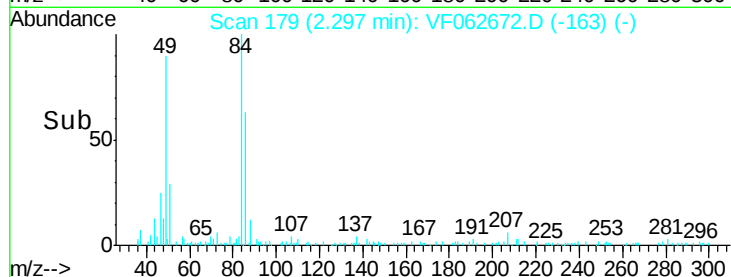
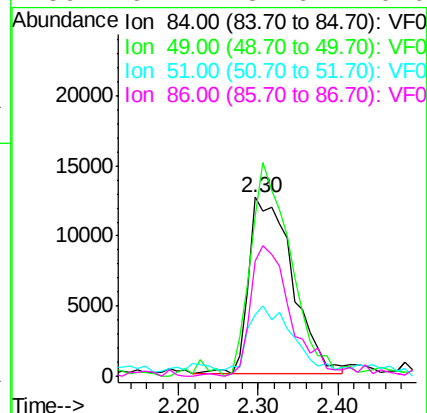
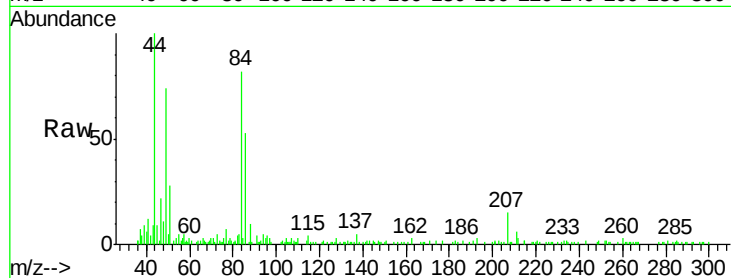




#20
Methvlene Chloride
Concen: 8.088 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF062672.D
Acq: 20 May 2019 20:37

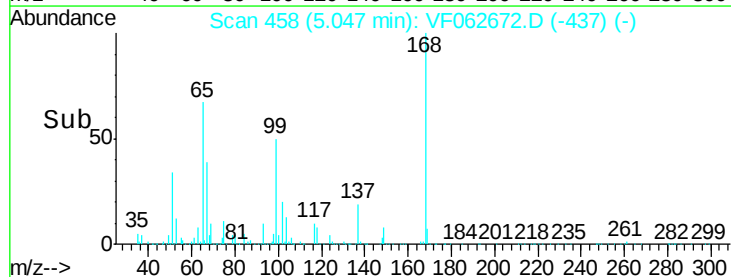
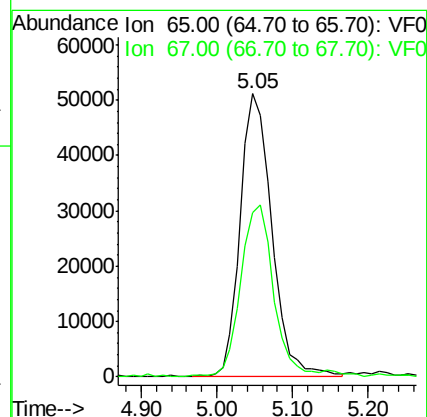
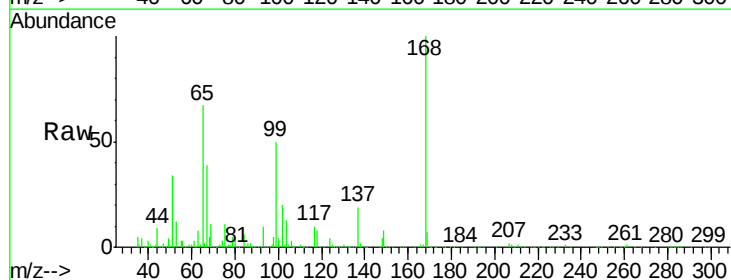
Instrument :
MSVOA_F
ClientSampleId :
GIS-2-4-FTRE

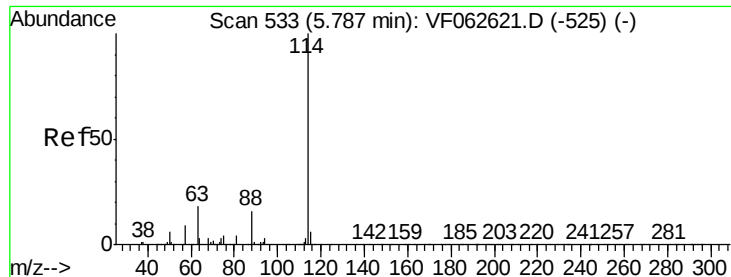
Tot Ion:	84	Resp:	47424
Ion	Ratio	Lower	Upper
84	100		
49	89.6	89.8	134.8#
51	34.5	28.4	42.6
86	64.2	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 33.033 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062672.D
Acq: 20 May 2019 20:37

Tgt Ion:	65	Resp:	148947
Ion	Ratio	Lower	Upper
65	100		
67	58.2	0.0	117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.01 min

Lab File: VF062672.D

Acq: 20 May 2019 20:37

Instrument :

MSVOA_F

ClientSampleId :

GIS-2-4-FTRE

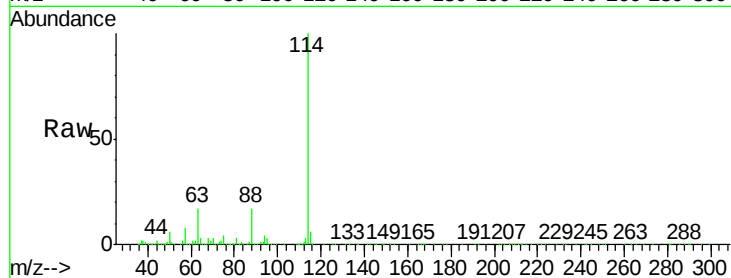
Tot Ion:114 Resp: 1076006

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.4

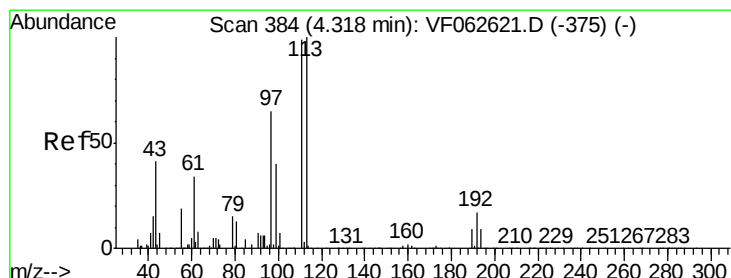
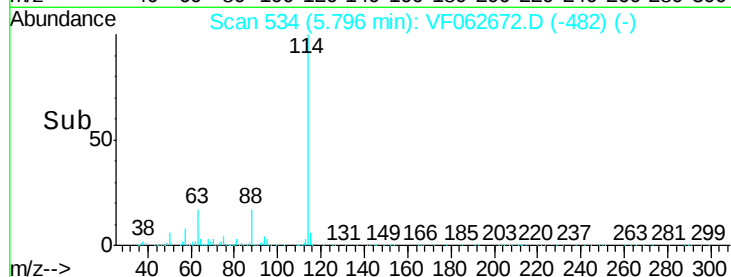
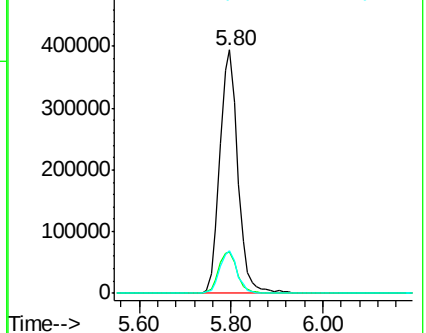
88 17.4 0.0 32.4



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: 34.515 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VF062672.D

Acq: 20 May 2019 20:37

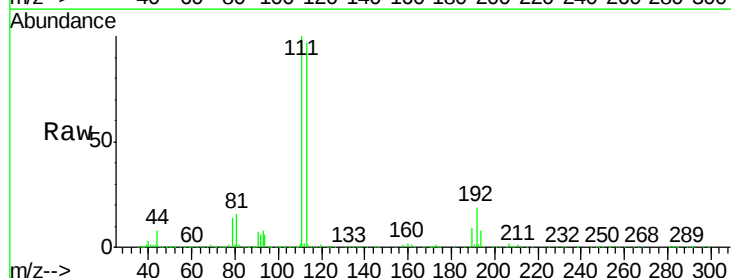
Tgt Ion:113 Resp: 284180

Ion Ratio Lower Upper

113 100

111 103.6 79.4 119.2

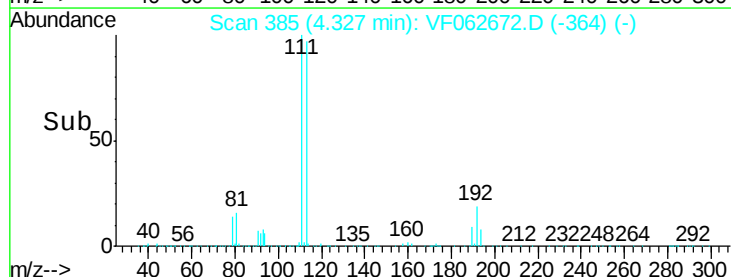
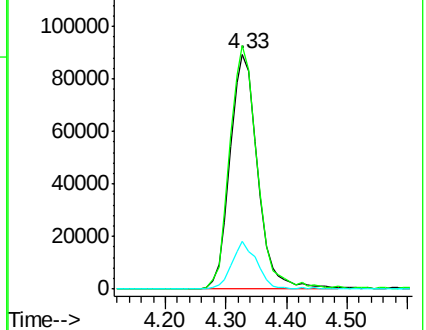
192 20.5 13.4 20.2#

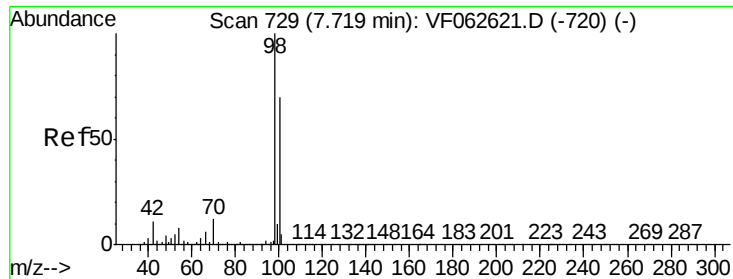


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

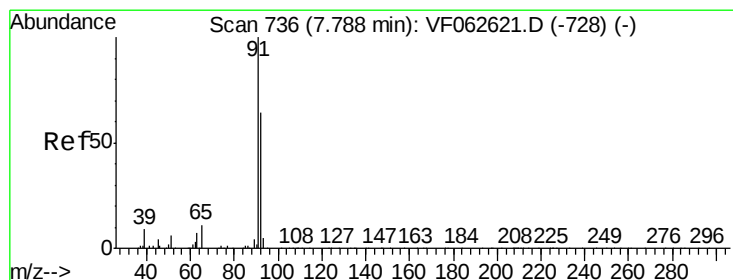
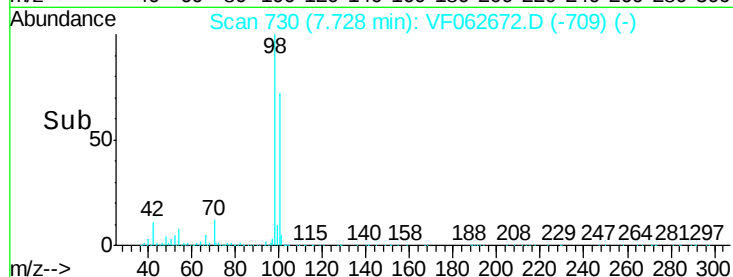
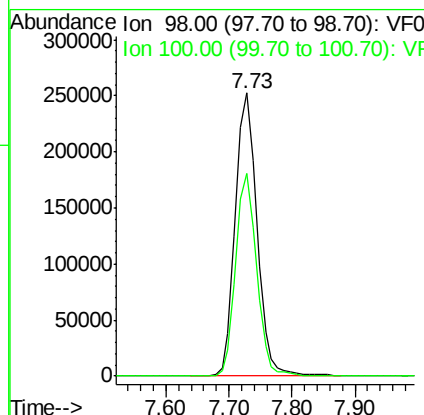
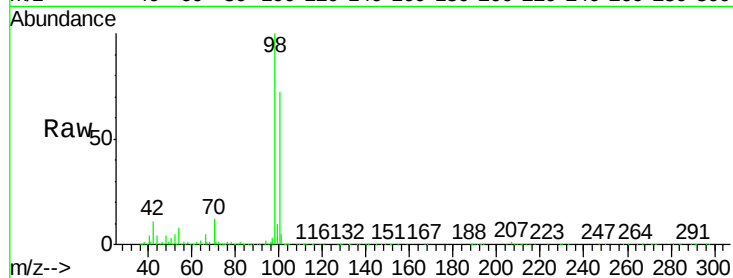




#50
Toluene-d8
Concen: 30.575 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062672.D
Acq: 20 May 2019 20:37

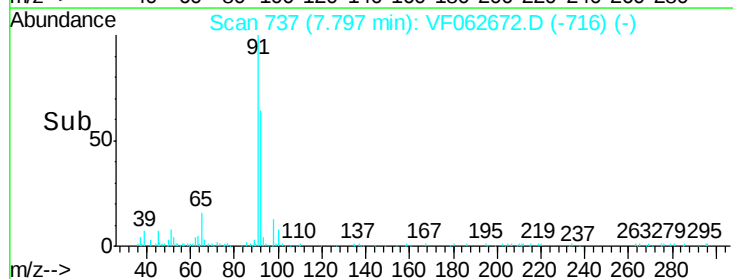
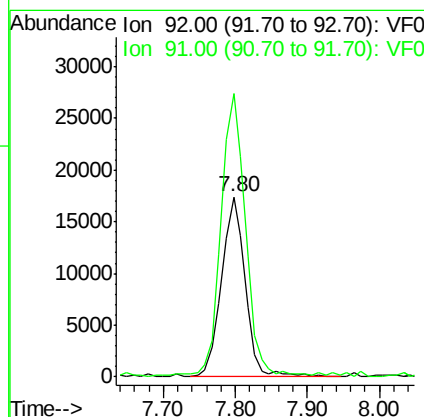
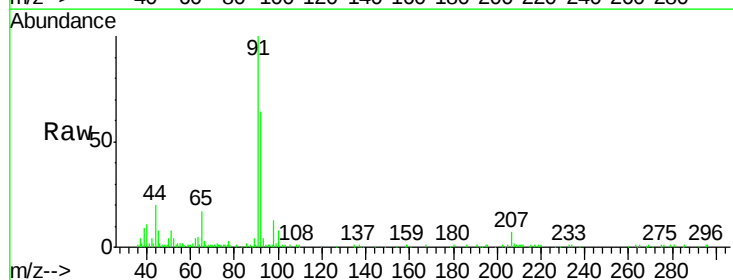
Instrument :
MSVOA_F
ClientSampleId :
GIS-2-4-FTRE

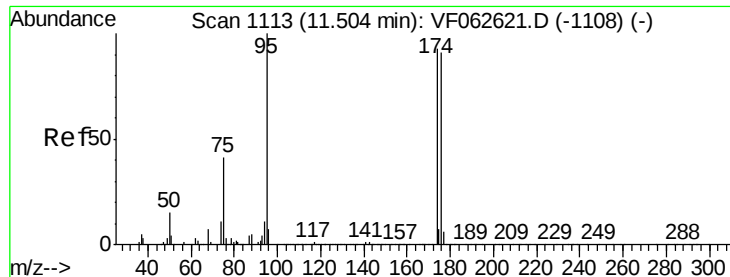
Tot Ion: 98 Resp: 601070
Ion Ratio Lower Upper
98 100
100 71.8 56.2 84.2



#52
Toluene
Concen: 2.508 ug/l
RT: 7.80 min Scan# 737
Delta R.T. 0.01 min
Lab File: VF062672.D
Acq: 20 May 2019 20:37

Tgt Ion: 92 Resp: 39513
Ion Ratio Lower Upper
92 100
91 157.0 125.4 188.0





#62

4-Bromofluorobenzene

Concen: 29.101 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062672.D

Acq: 20 May 2019 20:37

Instrument :

MSVOA_F

ClientSampleId :

GIS-2-4-FTRE

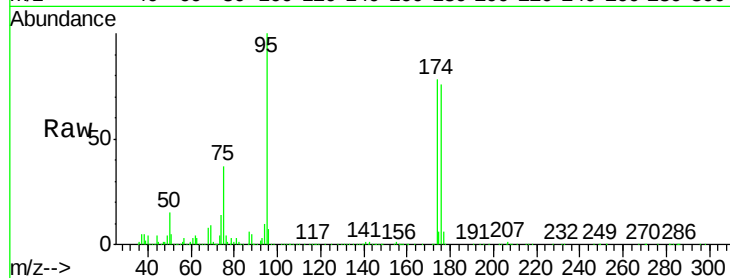
Tot Ion: 95 Resp: 216976

Ion Ratio Lower Upper

95 100

174 78.3 0.0 185.6

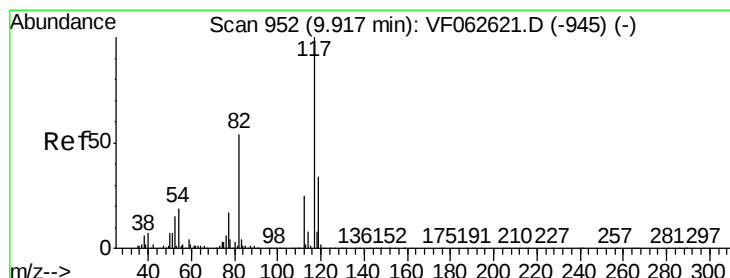
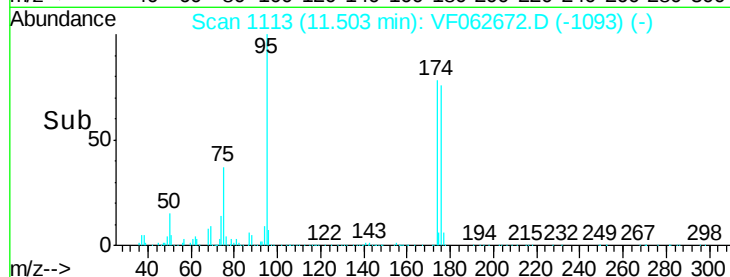
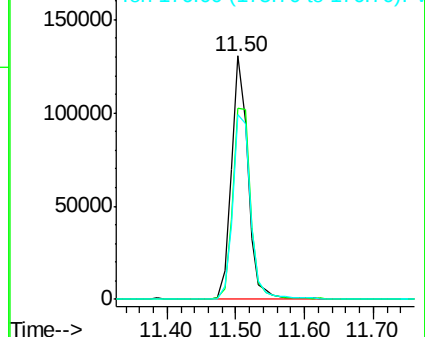
176 76.0 0.0 182.4



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: VF062672.D

Acq: 20 May 2019 20:37

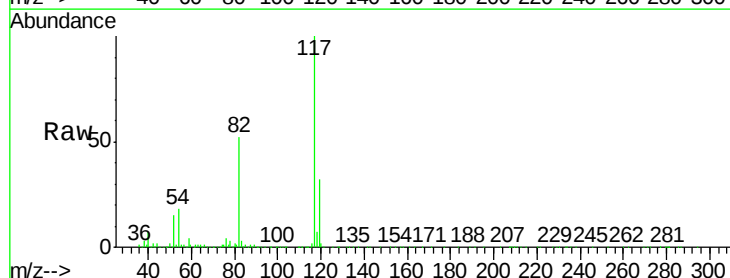
Tgt Ion: 117 Resp: 724414

Ion Ratio Lower Upper

117 100

82 52.0 43.3 64.9

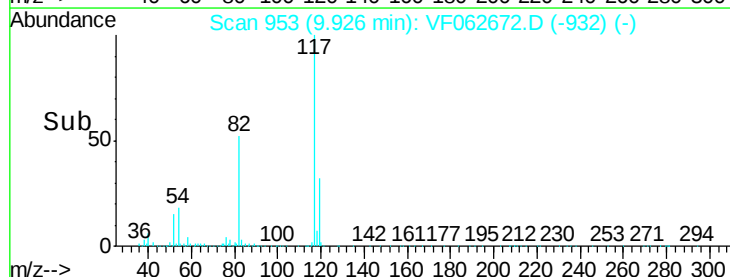
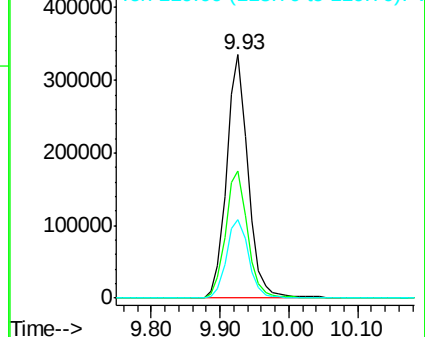
119 32.1 27.4 41.0

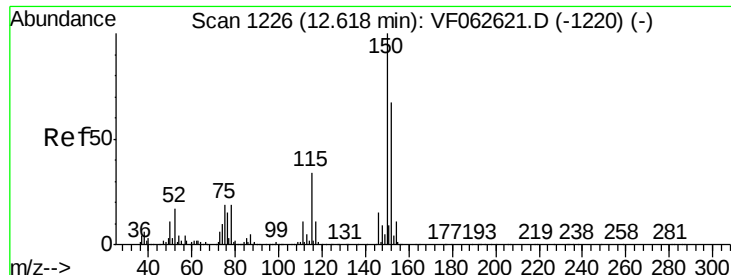


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: VF062672.D

Acq: 20 May 2019 20:37

Instrument :

MSVOA_F

ClientSampleId :

GIS-2-4-FTRE

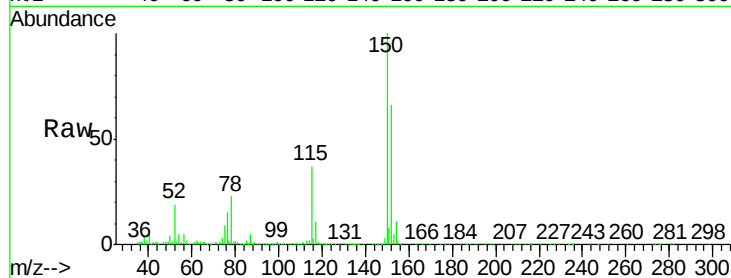
Tot Ion:152 Resp: 345363

Ion Ratio Lower Upper

152 100

115 55.3 25.2 75.6

150 151.2 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

