

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062311.D
 Acq On : 26 Apr 2019 17:54
 Operator : FY/SY
 Sample : K2601-02RE
 Misc : 6.63g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-008-ABCDRE

Quant Time: Apr 27 01:19:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

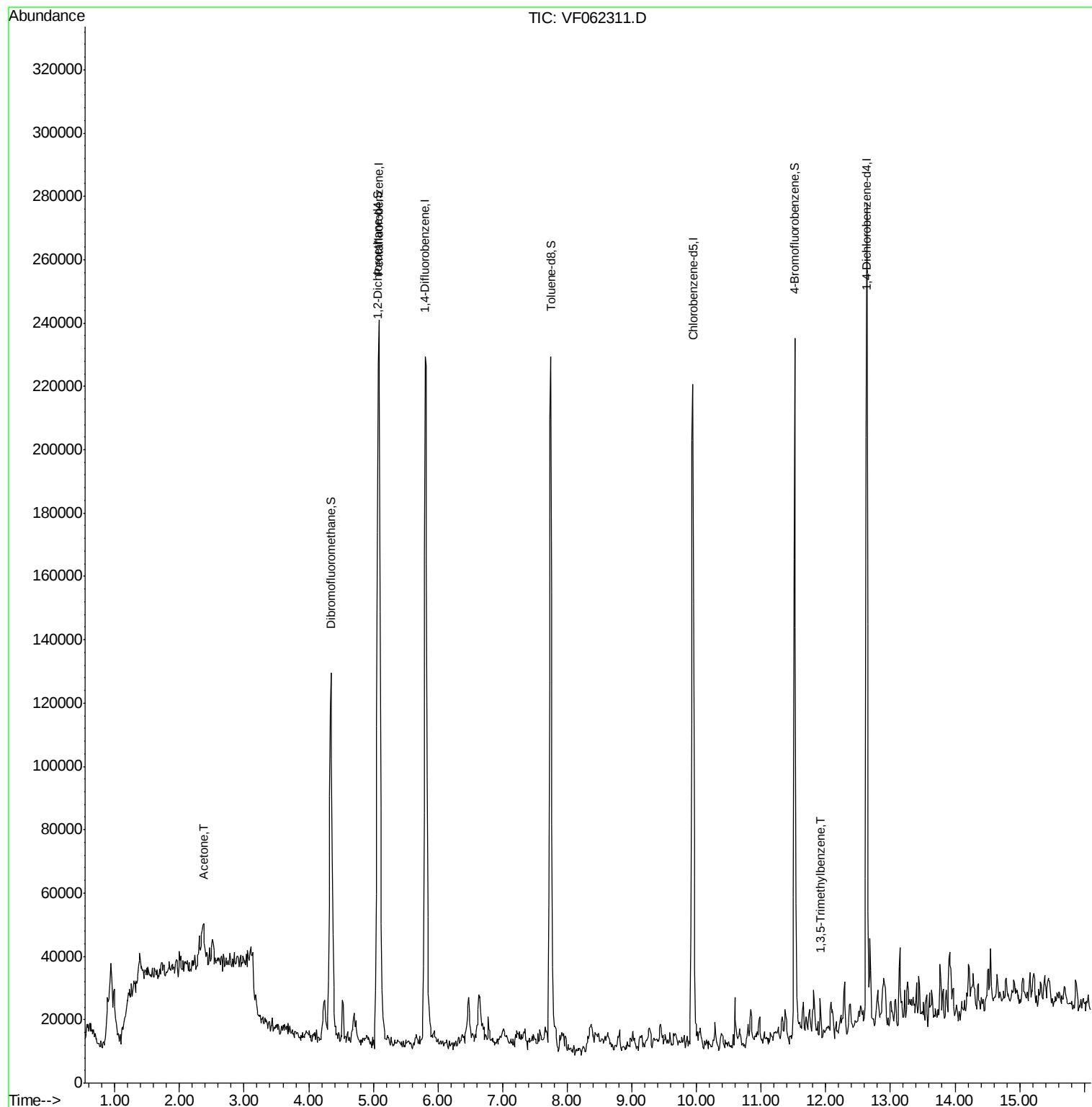
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.09	168	189829	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.81	114	253570	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.94	117	154034	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.64	152	68642	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	86573	56.30	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.60%	
35) Dibromofluoromethane	4.35	113	101685	54.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	7.75	98	186198	40.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.10%	
62) 4-Bromofluorobenzene	11.52	95	70883	37.45	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.90%	
Target Compounds						
16) Acetone	2.37	43	24965	72.515	ug/l #	86
80) 1,3,5-Trimethylbenzene	11.92	105	5171	1.302	ug/l	98

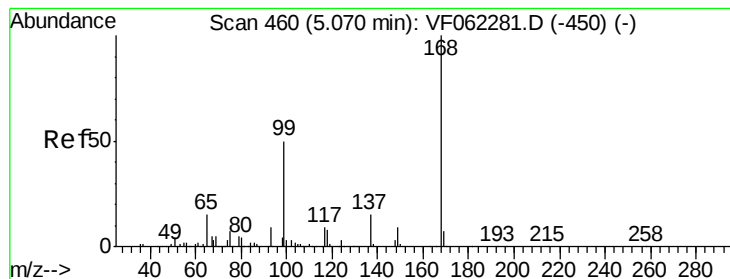
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.09 min Scan# 463

Delta R.T. 0.02 min

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MSVOA_F

ClientSampleId :

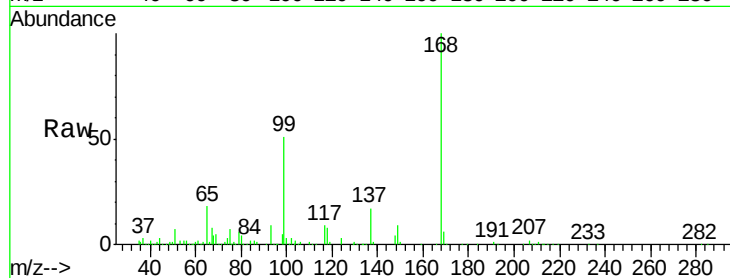
FK-EF-01-008-ABCDRE

Tot Ion:168 Resp: 189829

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.09

60000

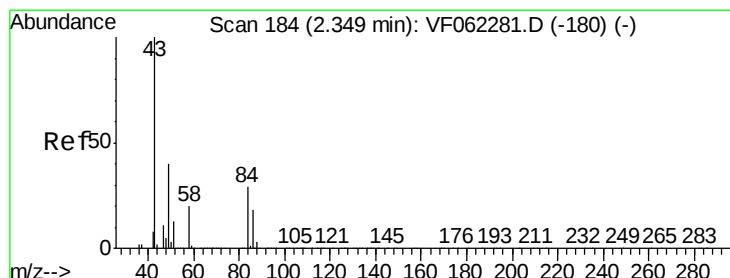
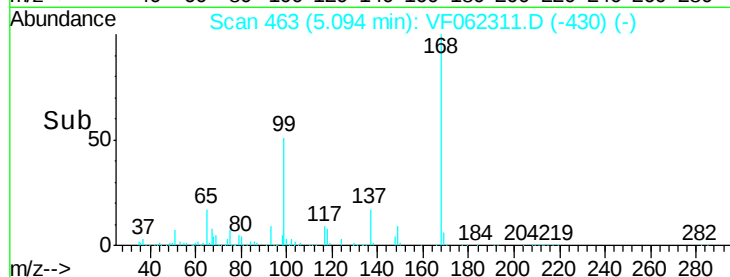
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 72.515 ug/l

RT: 2.37 min Scan# 187

Delta R.T. 0.02 min

Lab File: VF062311.D

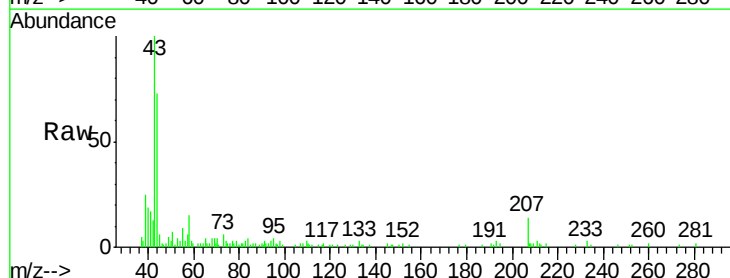
Acq: 26 Apr 2019 17:54

Tgt Ion: 43 Resp: 24965

Ion Ratio Lower Upper

43 100

58 13.9 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.37

10000

8000

6000

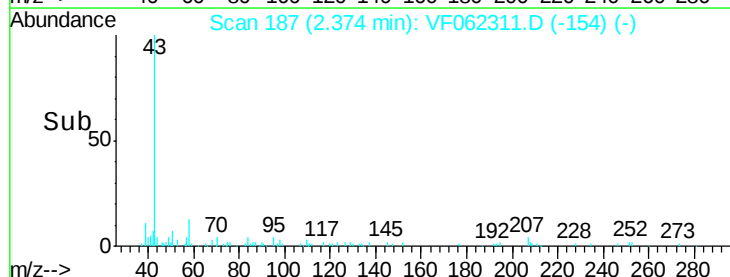
4000

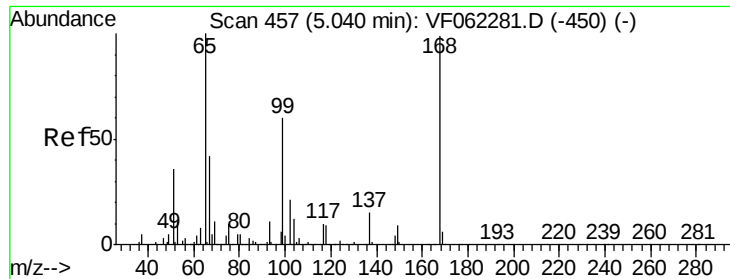
2000

0

Time-->

2.30 2.40 2.50





#33

1,2-Dichloroethane-d4

Concen: 56.303 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF062311.D

Acq: 26 Apr 2019 17:54

Instrument :

MSVOA_F

ClientSampleId :

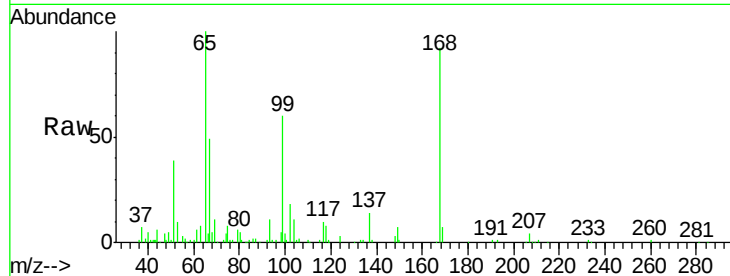
FK-EF-01-008-ABCDRE

Tot Ion: 65 Resp: 86573

Ion Ratio Lower Upper

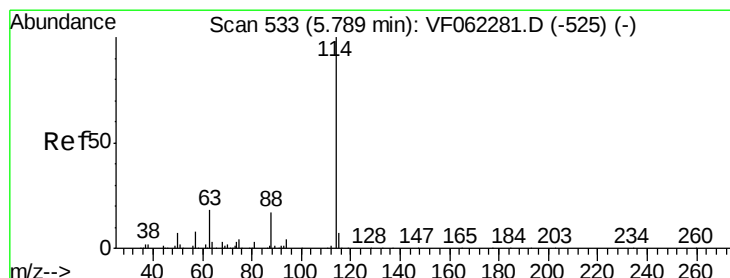
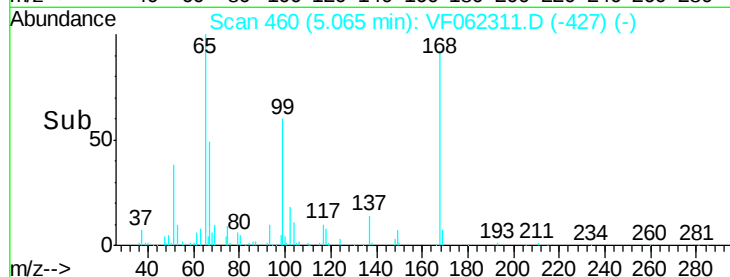
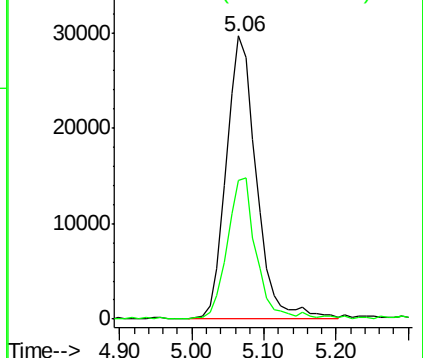
65 100

67 49.0 0.0 98.8



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: 5.81 min Scan# 536

Delta R.T. 0.02 min

Lab File: VF062311.D

Acq: 26 Apr 2019 17:54

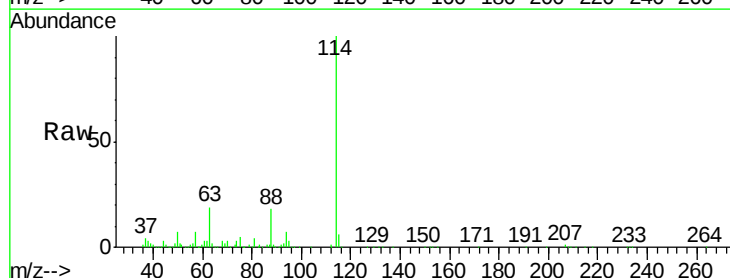
Tgt Ion: 114 Resp: 253570

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

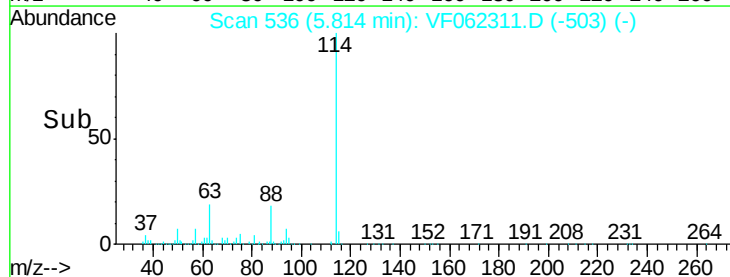
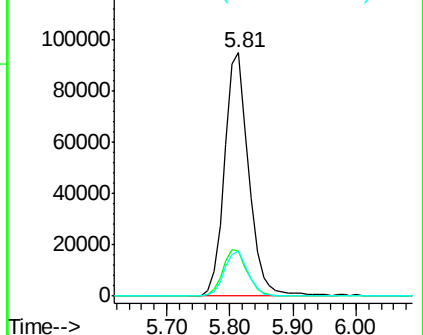
88 18.3 0.0 34.6

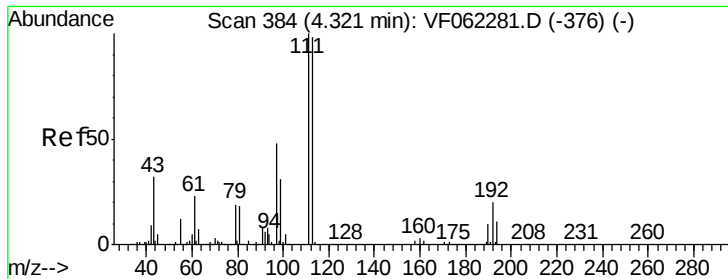


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

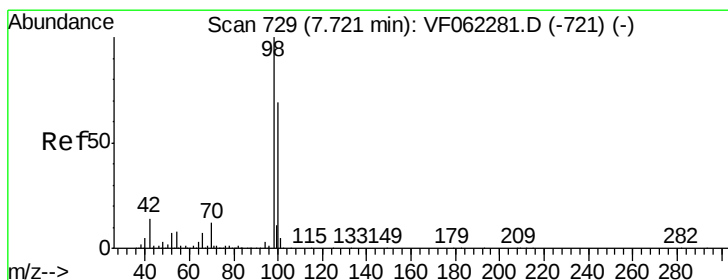
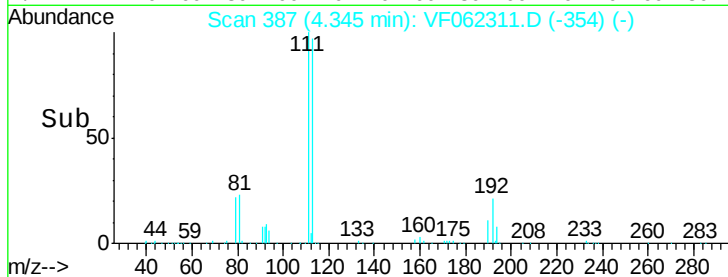
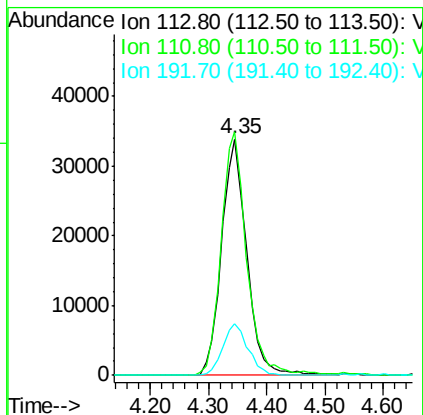
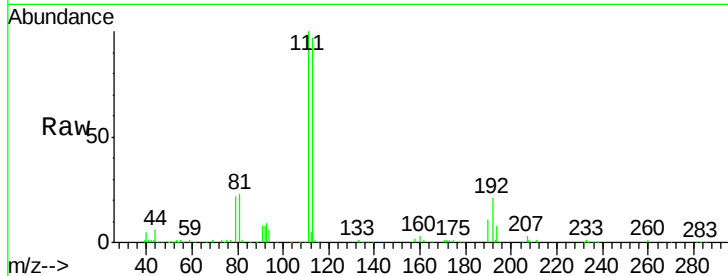




#35
 Dibromofluoromethane
 Concen: 54.085 ug/l
 RT: 4.35 min Scan# 387
 Delta R.T. 0.02 min
 Lab File: VF062311.D
 Acq: 26 Apr 2019 17:54

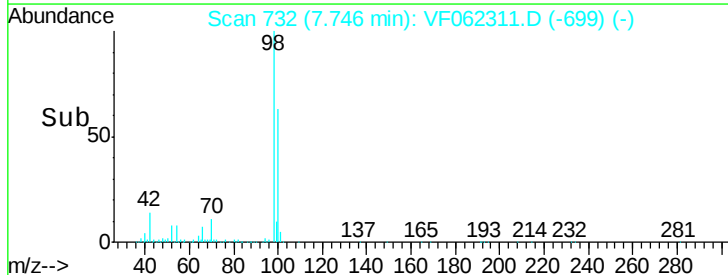
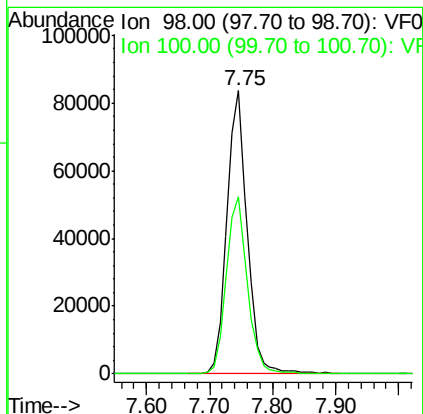
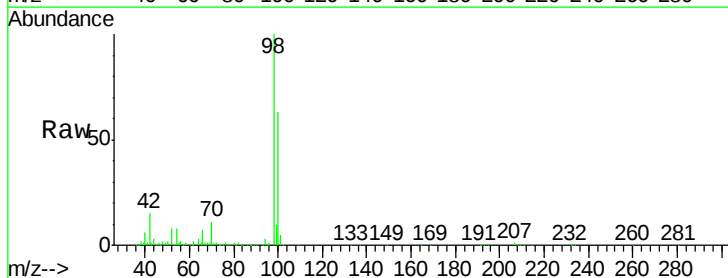
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-008-ABCDRE

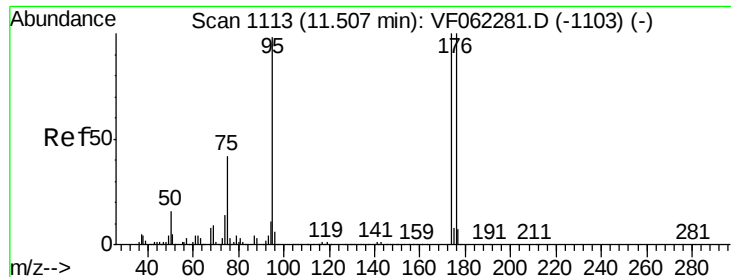
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	21.9	17.0	25.4



#50
 Toluene-d8
 Concen: 40.545 ug/l
 RT: 7.75 min Scan# 732
 Delta R.T. 0.02 min
 Lab File: VF062311.D
 Acq: 26 Apr 2019 17:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	54.4	81.6





#62

4-Bromofluorobenzene

Concen: 37.447 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VF062311.D

Acq: 26 Apr 2019 17:54

Instrument :

MSVOA_F

ClientSampleId :

FK-EF-01-008-ABCDRE

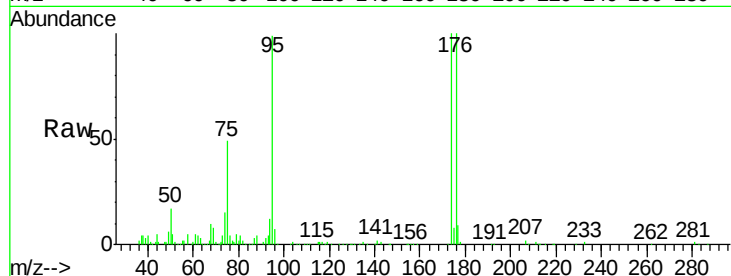
Tot Ion: 95 Resp: 70883

Ion Ratio Lower Upper

95 100

174 97.6 0.0 185.2

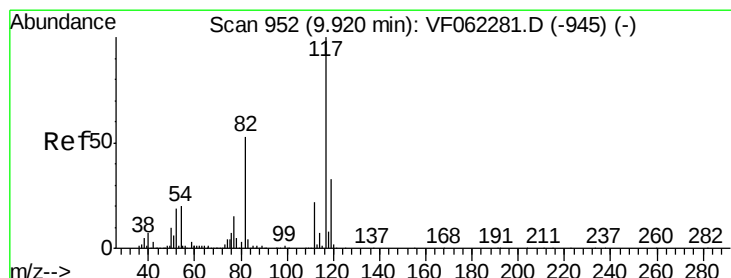
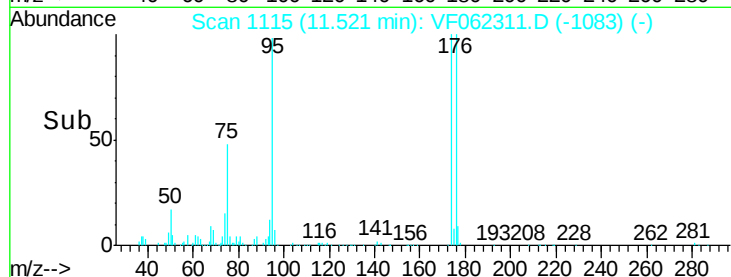
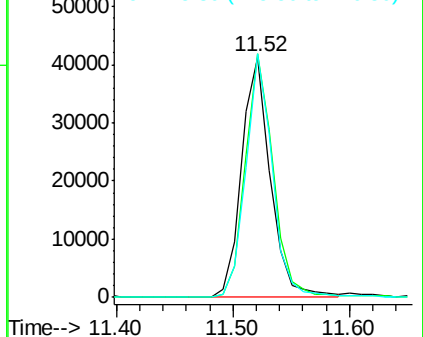
176 94.1 0.0 184.8



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: 9.94 min Scan# 955

Delta R.T. 0.02 min

Lab File: VF062311.D

Acq: 26 Apr 2019 17:54

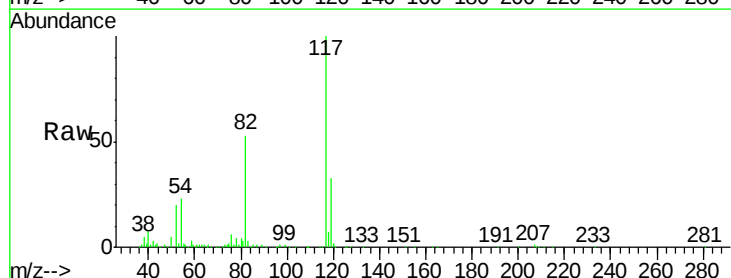
Tgt Ion: 117 Resp: 154034

Ion Ratio Lower Upper

117 100

82 52.4 42.6 64.0

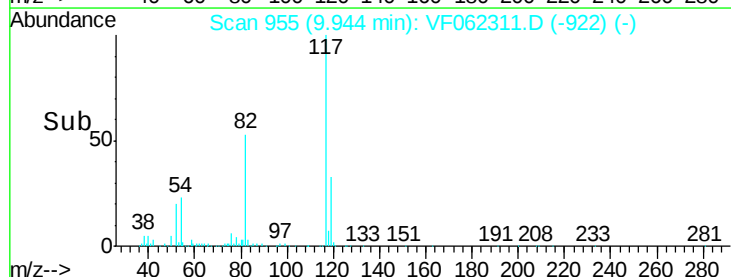
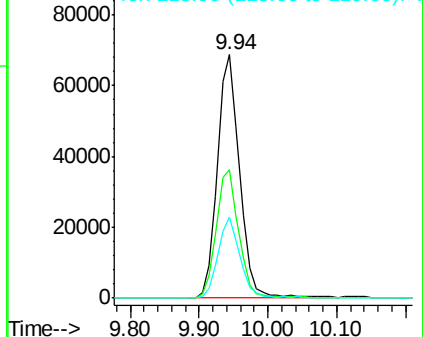
119 33.2 26.1 39.1

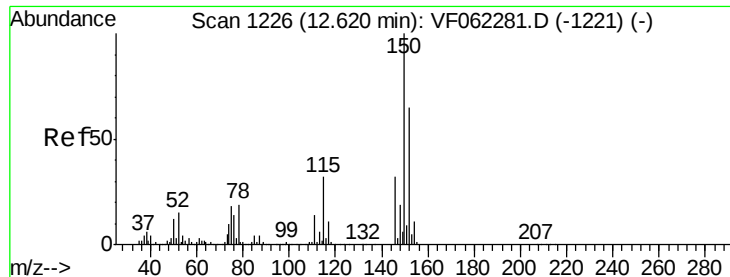


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



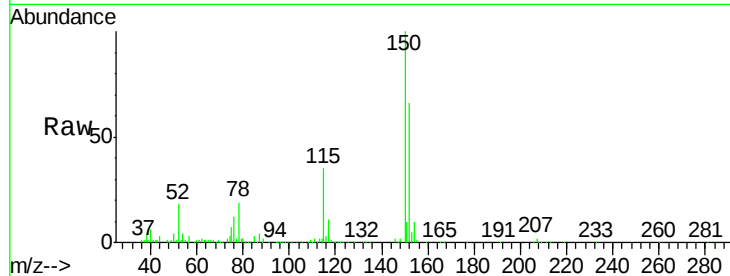


#72

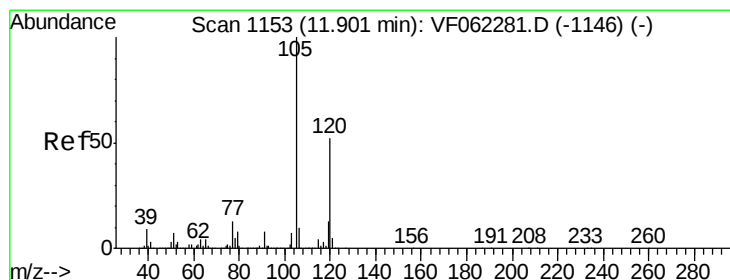
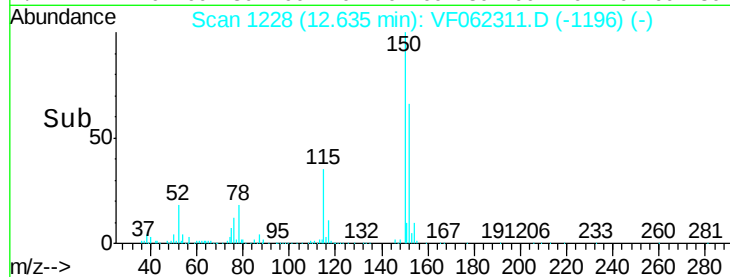
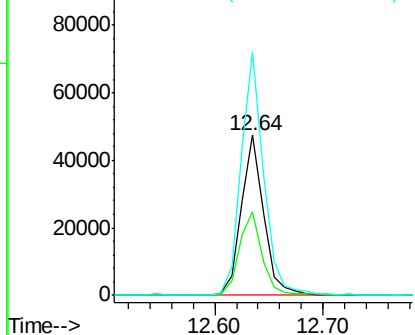
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tot Ion:152 Resp: 68642
Ion Ratio Lower Upper
152 100
115 53.9 25.6 76.8
150 153.0 0.0 330.6



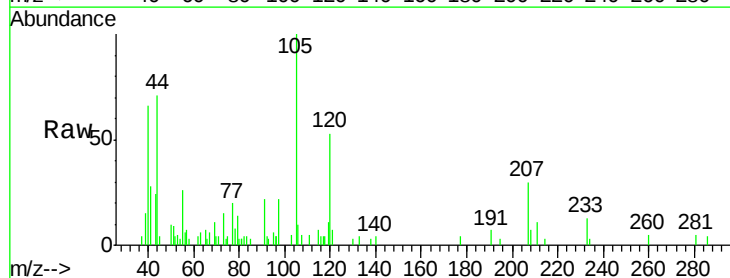
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene
Concen: 1.302 ug/l
RT: 11.92 min Scan# 1155
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion:105 Resp: 5171
Ion Ratio Lower Upper
105 100
120 53.2 25.8 77.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

