

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062886.D
 Acq On : 6 Jun 2019 16:55
 Operator : FY/SY
 Sample : K3158-01
 Misc : 6.26g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-060619

Quant Time: Jun 07 02:08:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

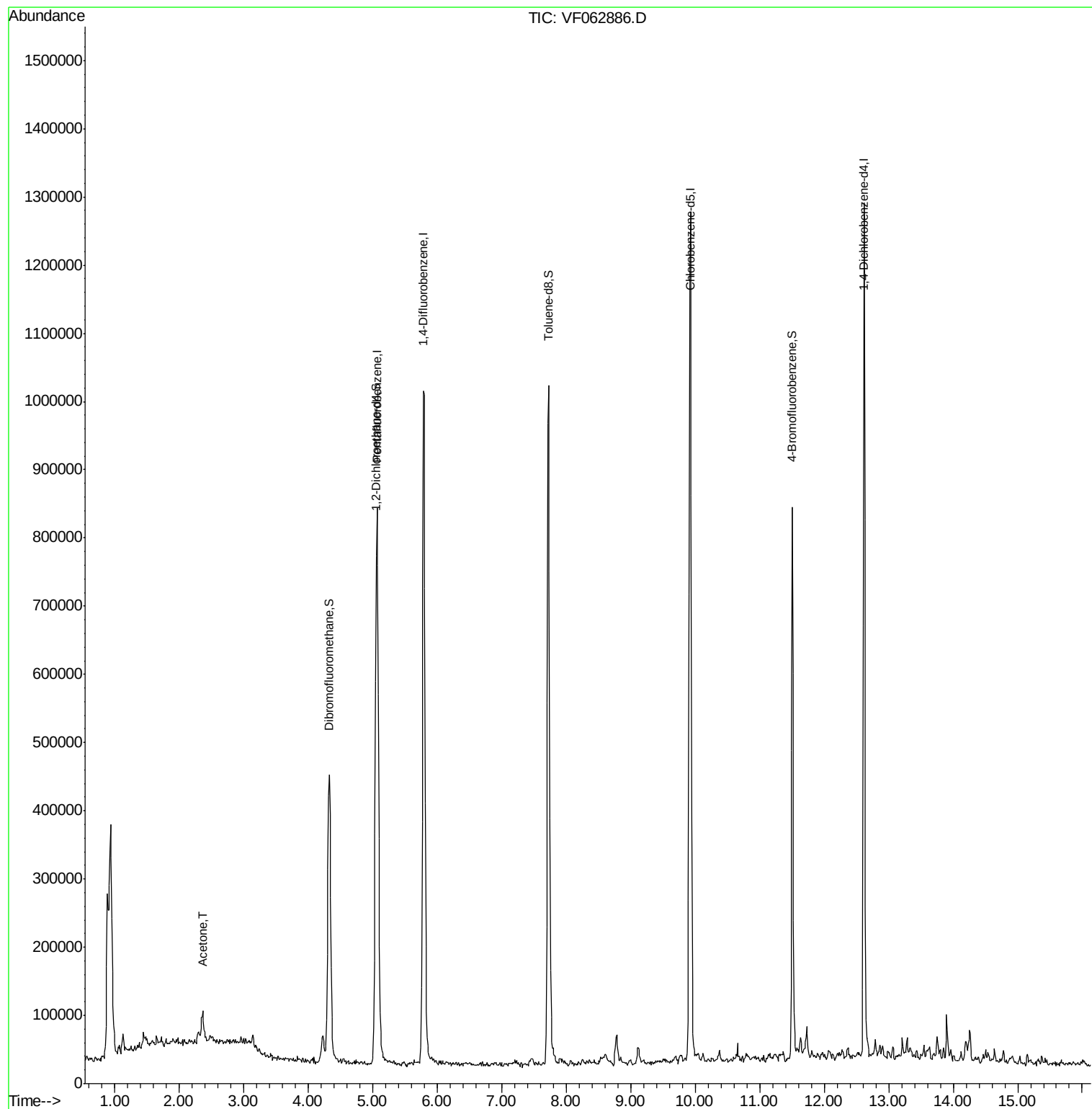
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	771346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1325711	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	995656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	304414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	218841	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.06%	
35) Dibromofluoromethane	4.33	113	431510	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
50) Toluene-d8	7.73	98	895226	35.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.68%	
62) 4-Bromofluorobenzene	11.50	95	298007	32.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.40%	
Target Compounds						
16) Acetone	2.37	43	54684	44.793	ug/l	Qvalue 98

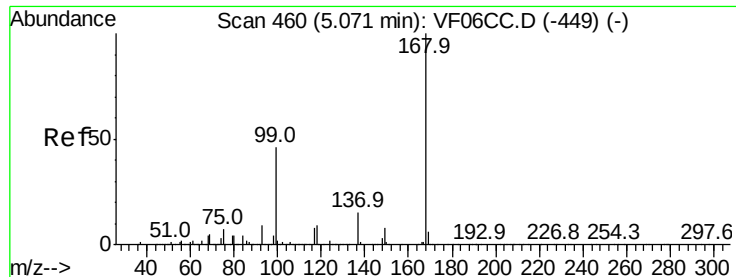
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.00 min

Lab File: VF062886.D

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MSVOA_F

ClientSampleId :

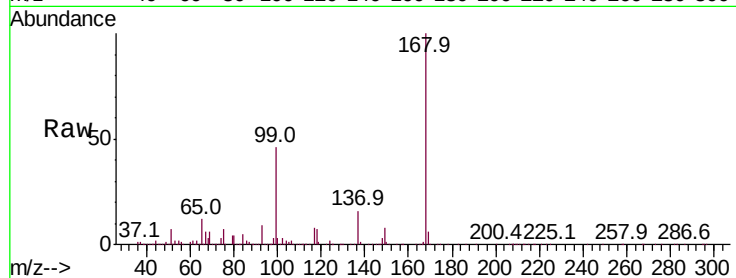
OK-03-060619

Tot Ion:168 Resp: 771346

Ion Ratio Lower Upper

168 100

99 45.6 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

250000

200000

150000

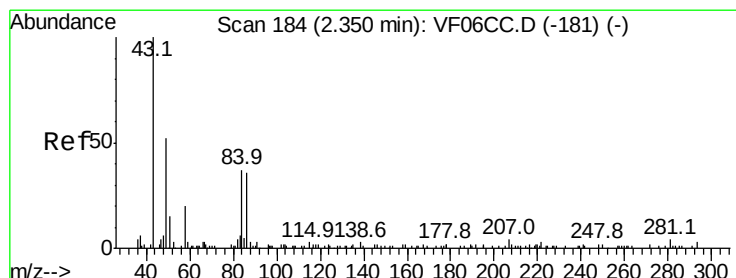
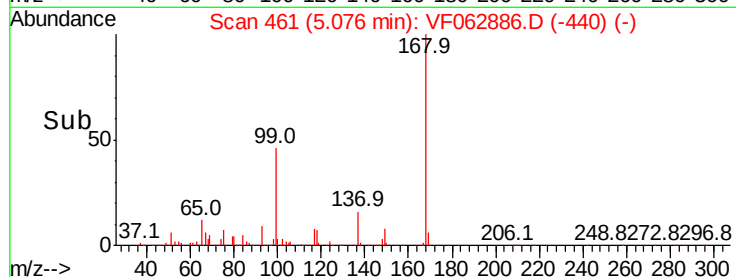
100000

50000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 44.793 ug/l

RT: 2.37 min Scan# 186

Delta R.T. 0.00 min

Lab File: VF062886.D

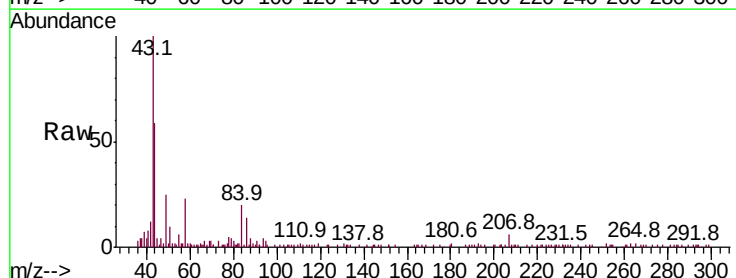
Acq: 6 Jun 2019 16:55

Tgt Ion: 43 Resp: 54684

Ion Ratio Lower Upper

43 100

58 22.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

25000

20000

15000

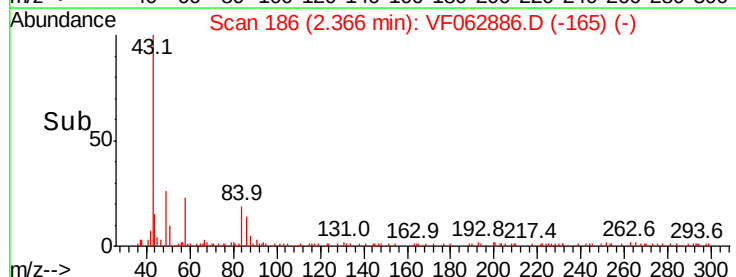
10000

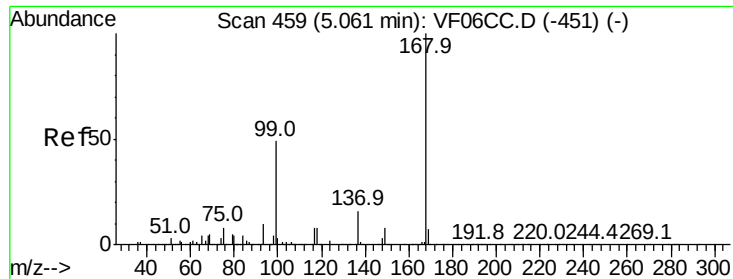
5000

0

2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.028 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062886.D

Acq: 6 Jun 2019 16:55

Instrument :

MSVOA_F

ClientSampleId :

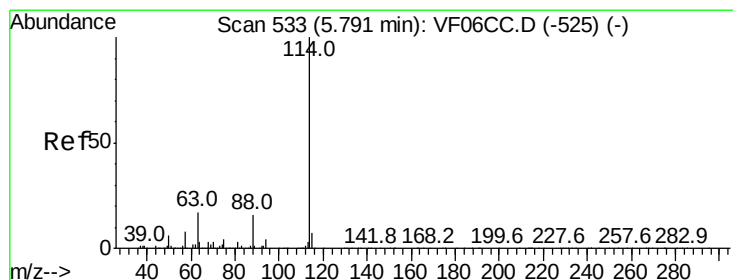
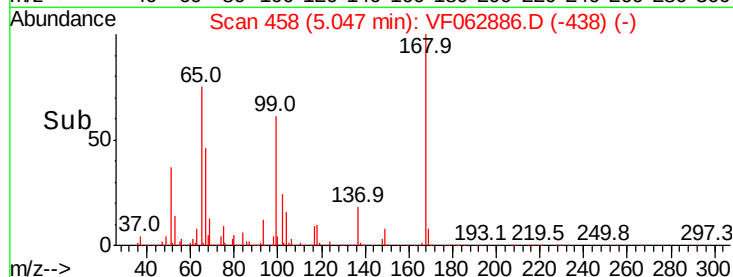
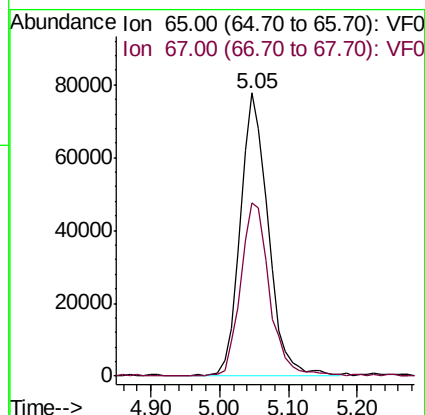
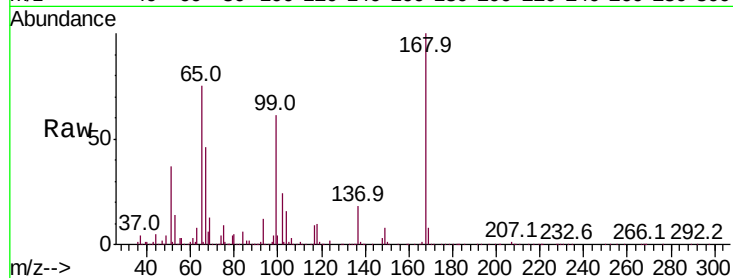
OK-03-060619

Tot Ion: 65 Resp: 218841

Ion Ratio Lower Upper

65 100

67 61.1 0.0 121.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.01 min

Lab File: VF062886.D

Acq: 6 Jun 2019 16:55

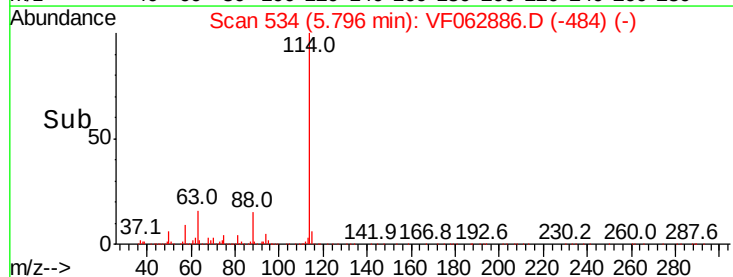
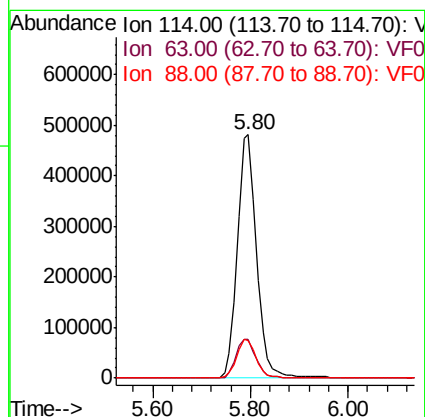
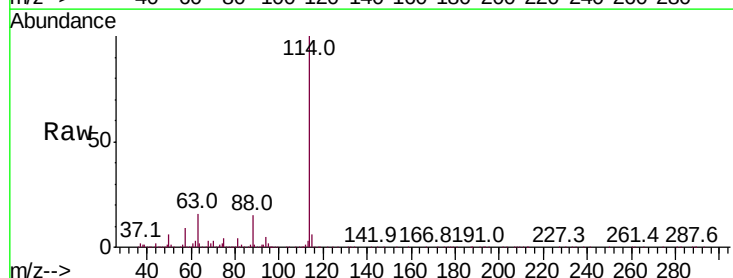
Tgt Ion: 114 Resp: 1325711

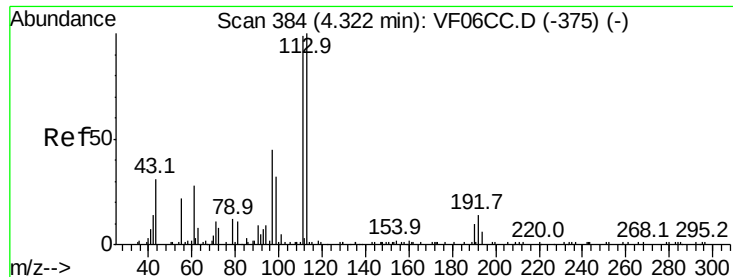
Ion Ratio Lower Upper

114 100

63 15.8 0.0 34.2

88 15.3 0.0 31.2

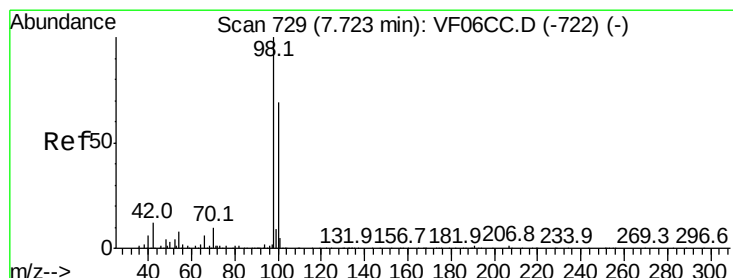
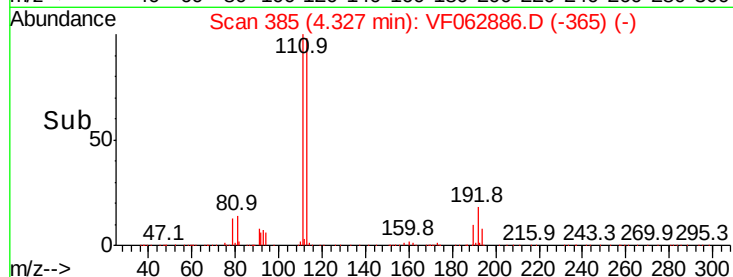
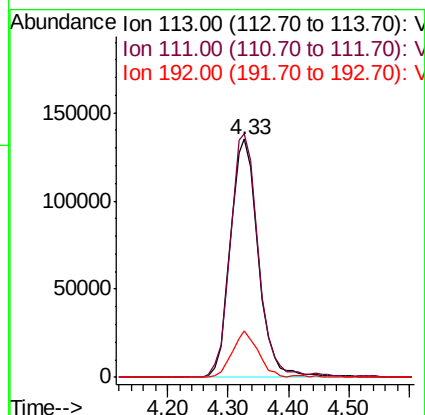
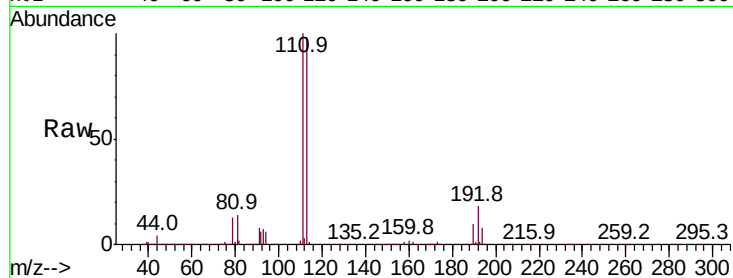




#35
Dibromofluoromethane
Concen: 43.074 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062886.D
Acq: 6 Jun 2019 16:55

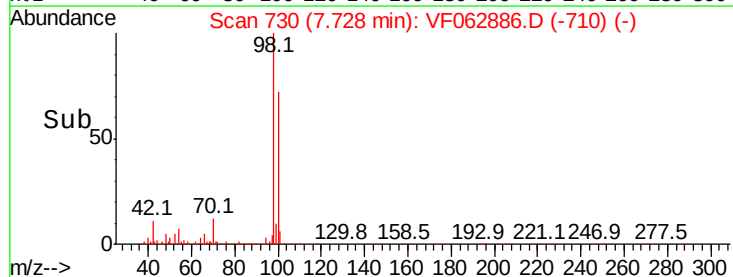
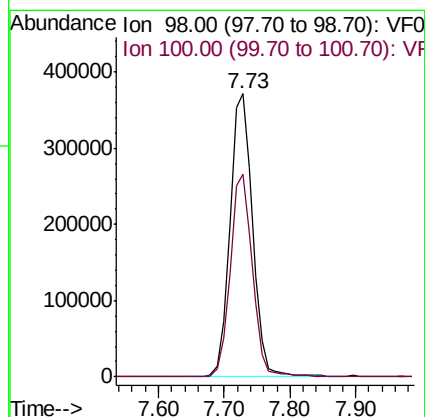
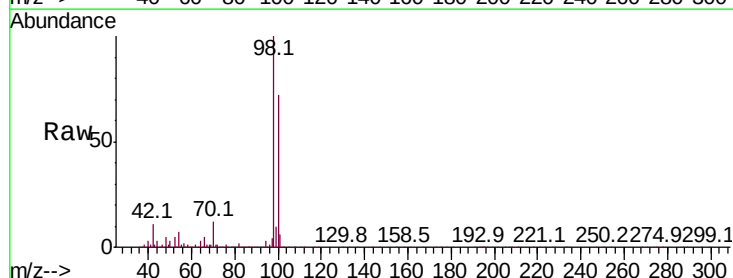
Instrument :
MSVOA_F
ClientSampleId :
OK-03-060619

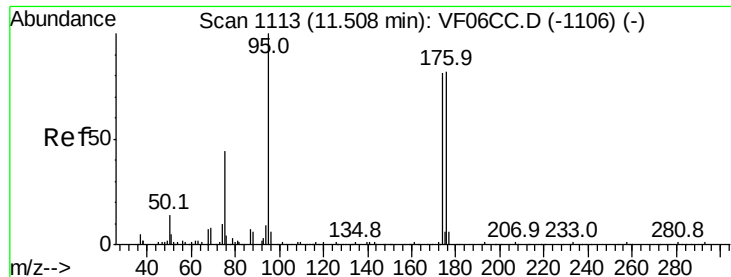
Tot Ion:113 Resp: 431510
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.5 15.1 22.7



#50
Toluene-d8
Concen: 35.339 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062886.D
Acq: 6 Jun 2019 16:55

Tgt Ion: 98 Resp: 895226
Ion Ratio Lower Upper
98 100
100 71.7 59.8 89.8





#62

4-Bromofluorobenzene

Concen: 32.703 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062886.D

Acq: 6 Jun 2019 16:55

Instrument :

MSVOA_F

ClientSampleId :

OK-03-060619

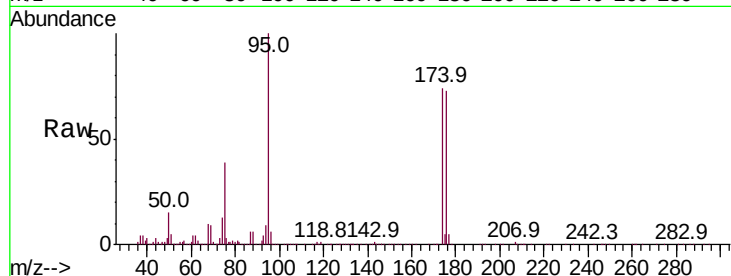
Tot Ion: 95 Resp: 298007

Ion Ratio Lower Upper

95 100

174 74.5 0.0 170.6

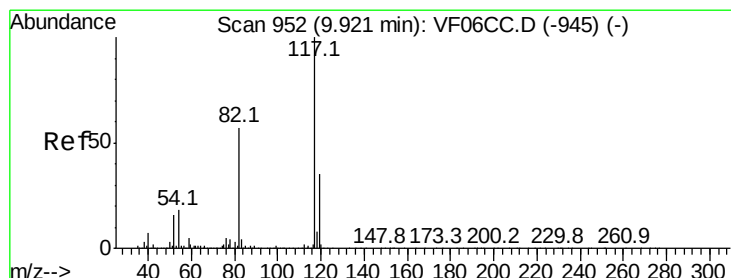
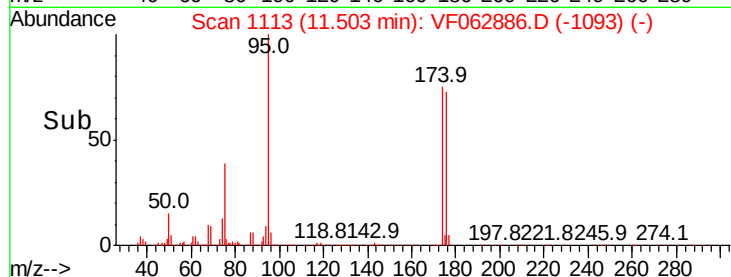
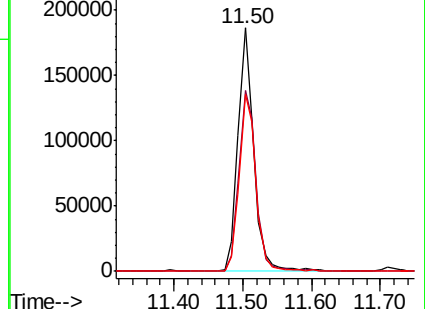
176 72.5 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062886.D

Acq: 6 Jun 2019 16:55

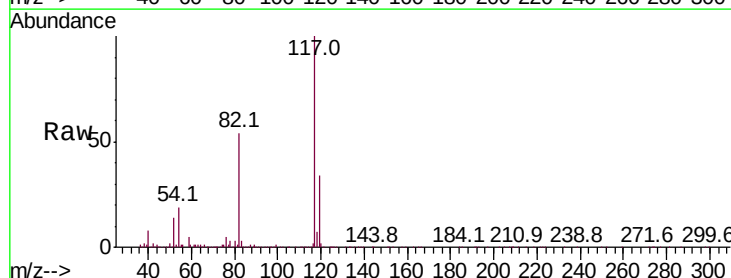
Tgt Ion: 117 Resp: 995656

Ion Ratio Lower Upper

117 100

82 54.4 42.4 63.6

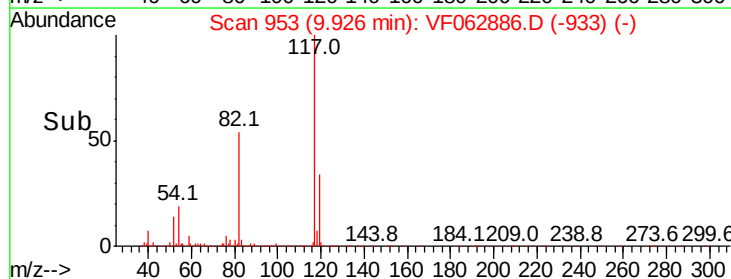
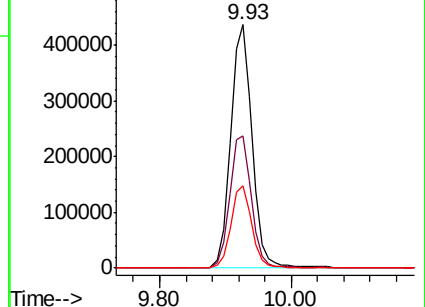
119 34.0 27.1 40.7

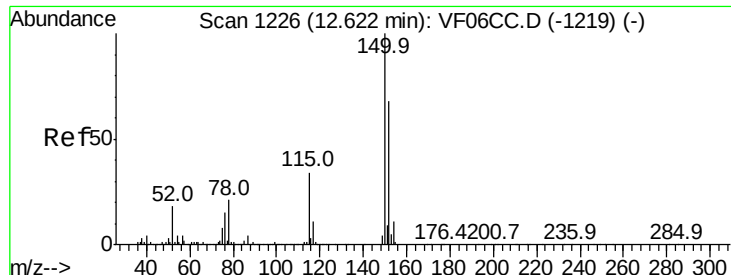


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062886.D

Acq: 6 Jun 2019 16:55

Instrument :

MSVOA_F

ClientSampleId :

OK-03-060619

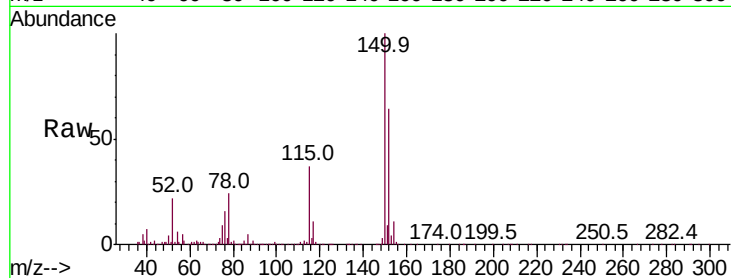
Tot Ion:152 Resp: 304414

Ion Ratio Lower Upper

152 100

115 58.7 24.6 74.0

150 157.4 0.0 290.6



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

