

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061622.D
 Acq On : 12 Feb 2019 21:30
 Operator : VA/AP
 Sample : K1343-31
 Misc : 6.34g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-P

Quant Time: Feb 13 03:37:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

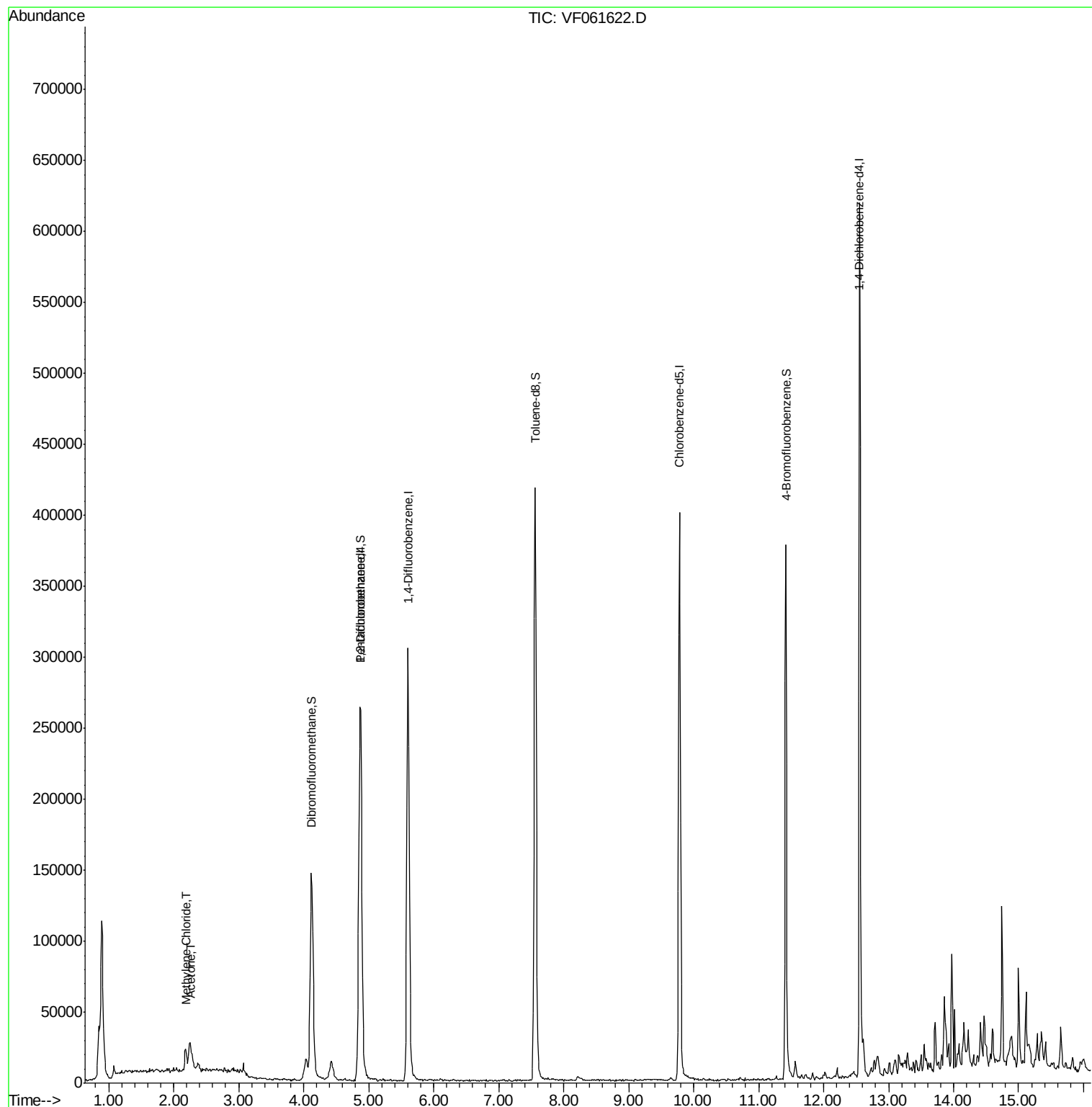
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	185574	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	339916	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.78	117	290588	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	144840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	123794	54.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	4.12	113	140031	52.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.42%	
50) Toluene-d8	7.56	98	337723	45.96	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	11.42	95	144348	42.04	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.08%	
Target Compounds						
16) Acetone	2.24	43	15518	33.762	ug/l	94
20) Methylene Chloride	2.19	84	17840m	10.029	ug/l	

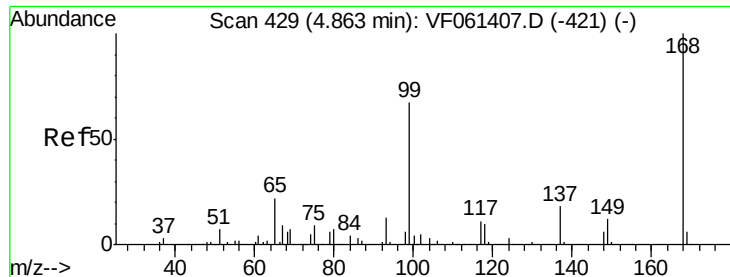
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061622.D
Acq On : 12 Feb 2019 21:30
Operator : VA/AP
Sample : K1343-31
Misc : 6.34g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Quant Time: Feb 13 03:37:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.02 min

Lab File: VF061622.D

Acq: 12 Feb 2019 21:30

Instrument :

MSVOA_F

ClientSampleId :

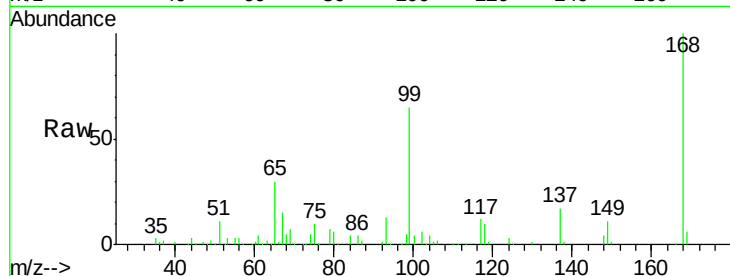
JC-02-021119-P

Tot Ion:168 Resp: 185574

Ion Ratio Lower Upper

168 100

99 65.4 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.88

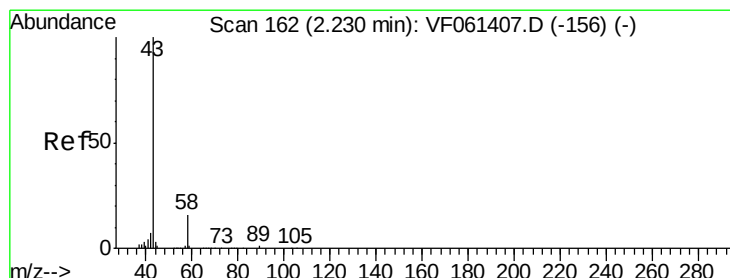
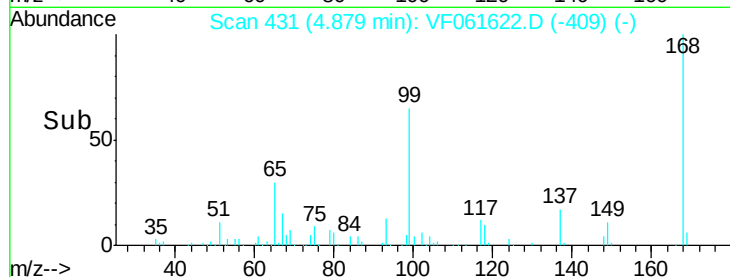
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 33.762 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.02 min

Lab File: VF061622.D

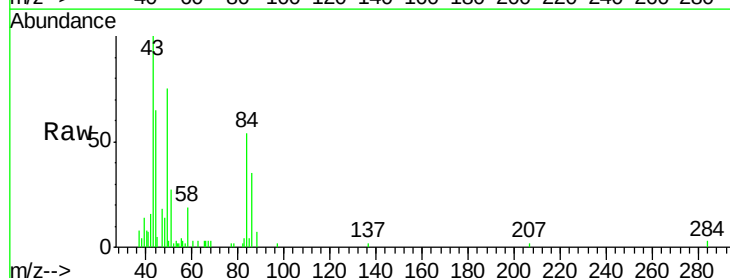
Acq: 12 Feb 2019 21:30

Tgt Ion: 43 Resp: 15518

Ion Ratio Lower Upper

43 100

58 19.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

6000

5000

4000

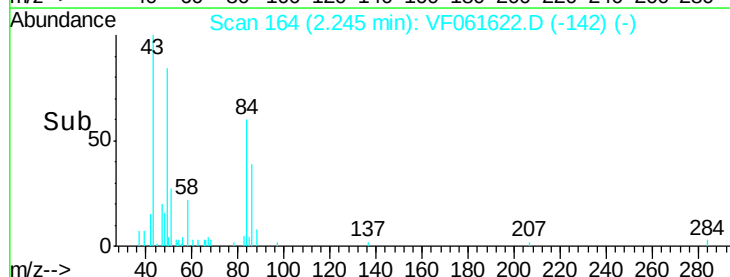
3000

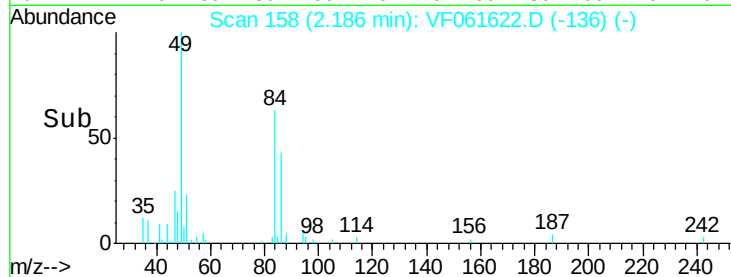
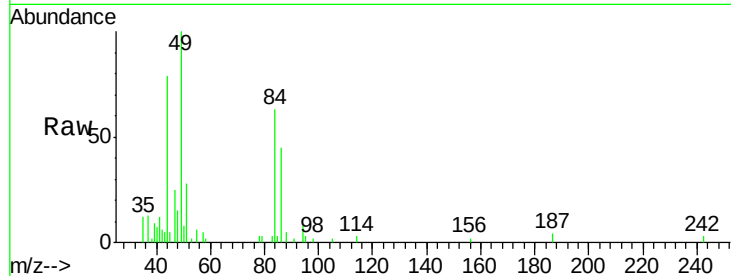
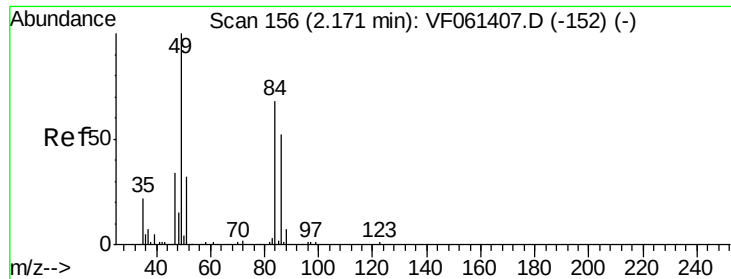
2000

1000

0

Time--> 2.15 2.20 2.25 2.30 2.35

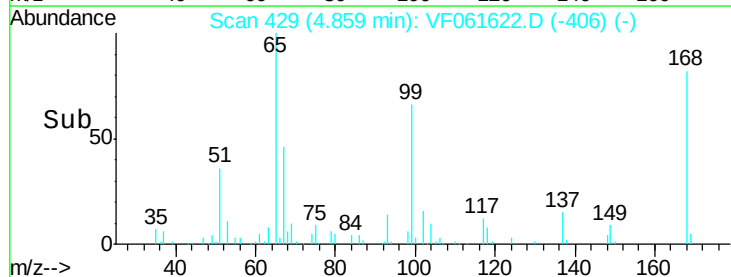
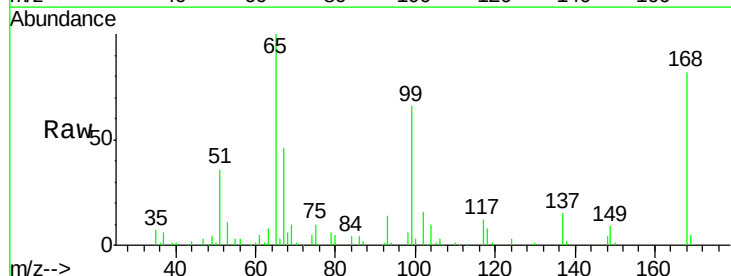
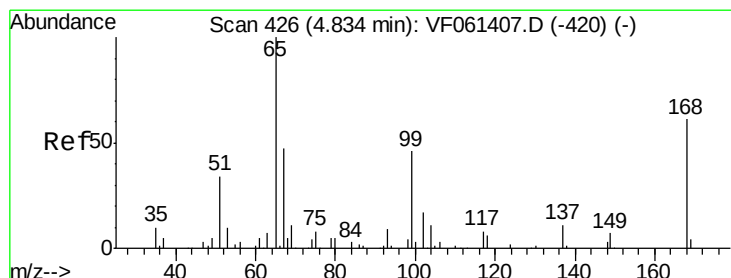
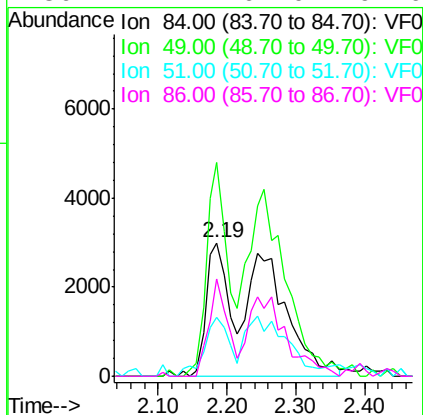




#20
Methylene Chloride
Concen: 10.029 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

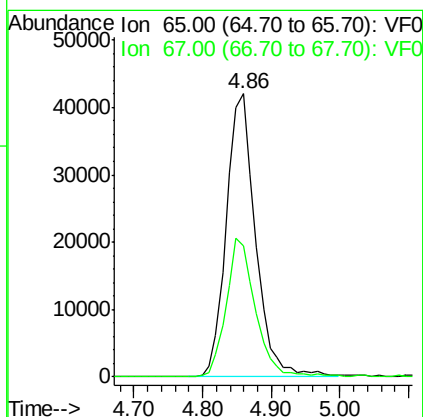
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

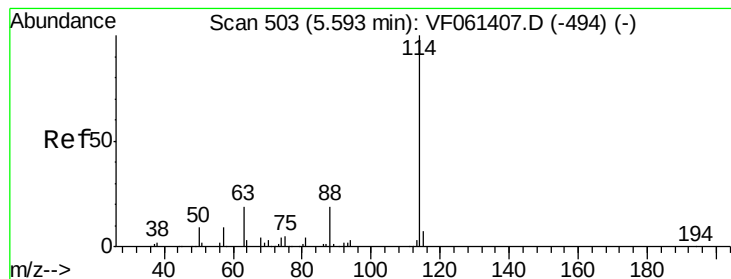
Tot Ion: 84 Resp: 17840
Ion Ratio Lower Upper
84 100
49 159.7 120.0 180.0
51 44.3 38.6 58.0
86 72.4 61.0 91.6



#33
1,2-Dichloroethane-d4
Concen: 54.031 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion: 65 Resp: 123794
Ion Ratio Lower Upper
65 100
67 46.3 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.02 min

Lab File: VF061622.D

Acq: 12 Feb 2019 21:30

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-P

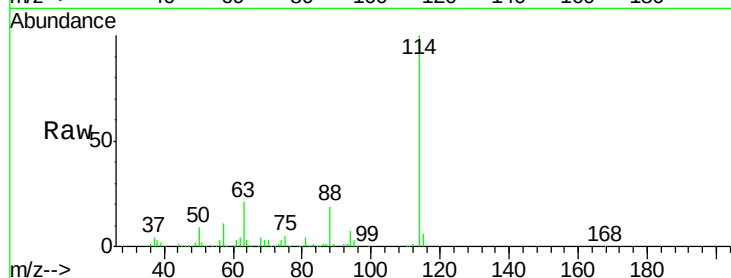
Tot Ion:114 Resp: 339916

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

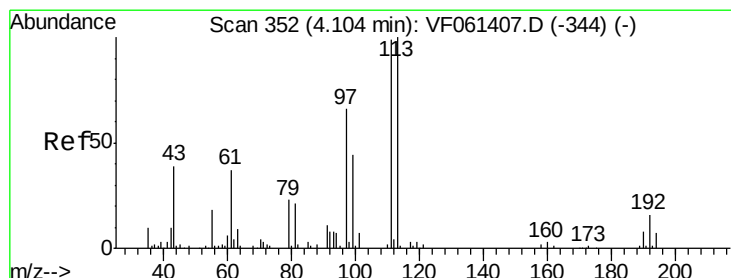
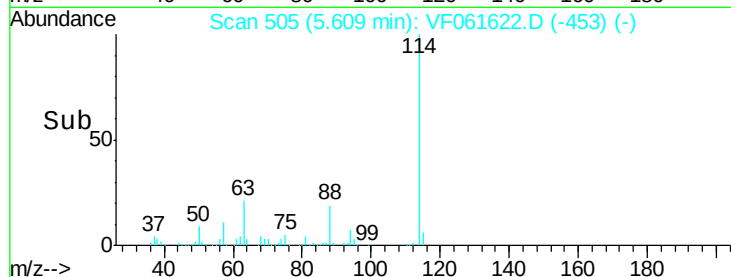
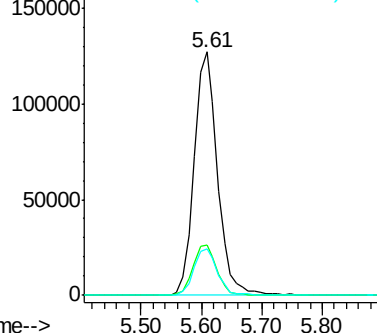
88 19.2 0.0 37.4



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: 52.207 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.02 min

Lab File: VF061622.D

Acq: 12 Feb 2019 21:30

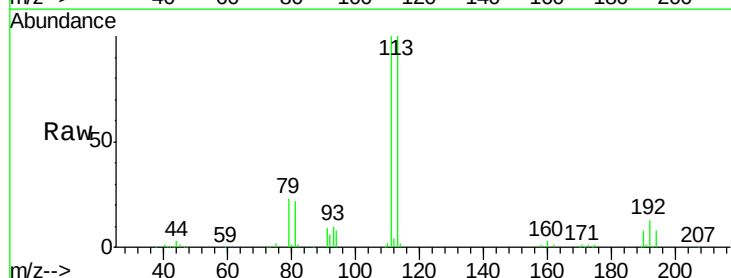
Tgt Ion:113 Resp: 140031

Ion Ratio Lower Upper

113 100

111 100.0 79.4 119.0

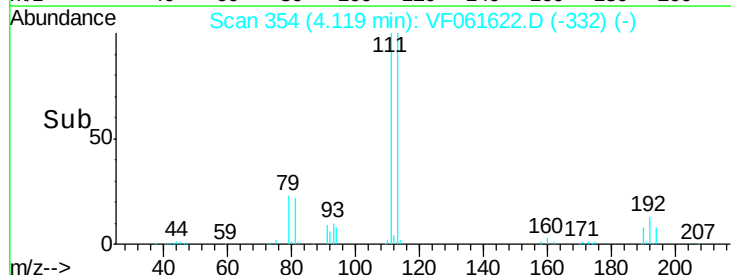
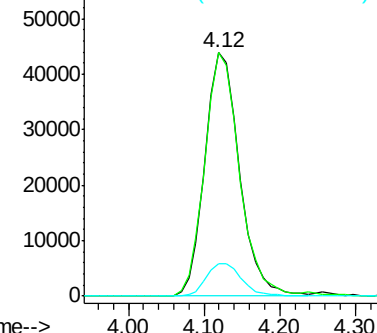
192 13.2 12.4 18.6

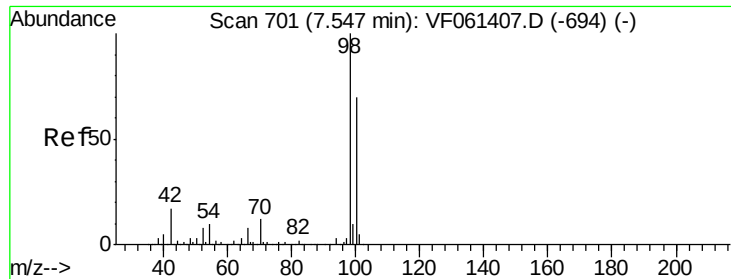


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 45.956 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.02 min

Lab File: VF061622.D

Acq: 12 Feb 2019 21:30

Instrument :

MSVOA_F

ClientSampleId :

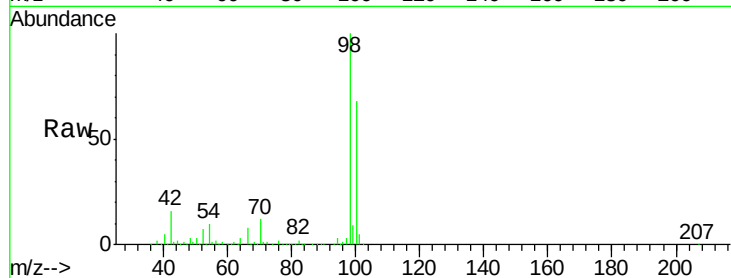
JC-02-021119-P

Tot Ion: 98 Resp: 337723

Ion Ratio Lower Upper

98 100

100 68.3 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.56

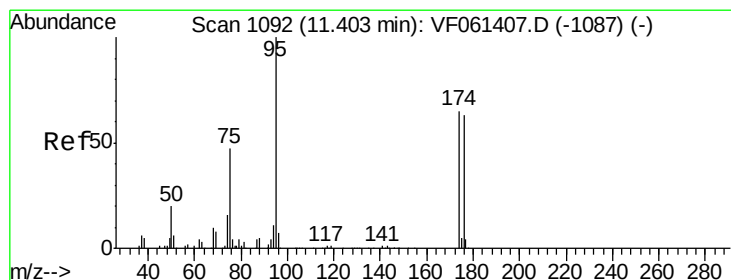
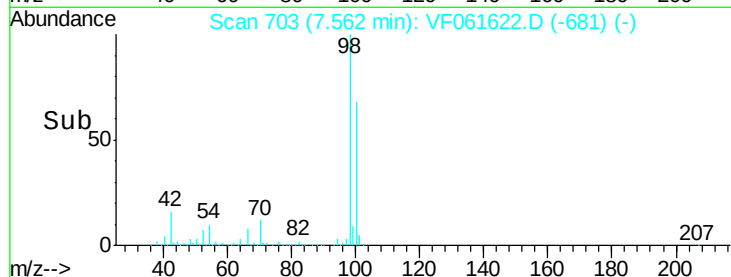
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.040 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.02 min

Lab File: VF061622.D

Acq: 12 Feb 2019 21:30

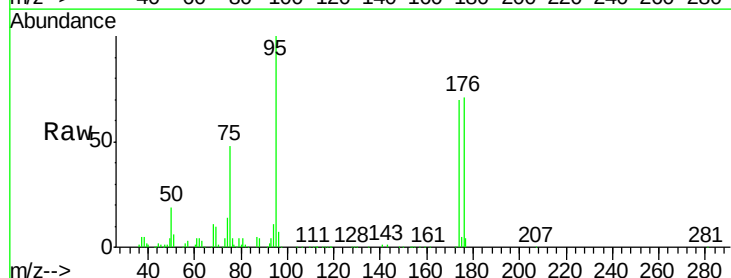
Tgt Ion: 95 Resp: 144348

Ion Ratio Lower Upper

95 100

174 69.8 0.0 130.4

176 71.2 0.0 126.2



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

110000

80000

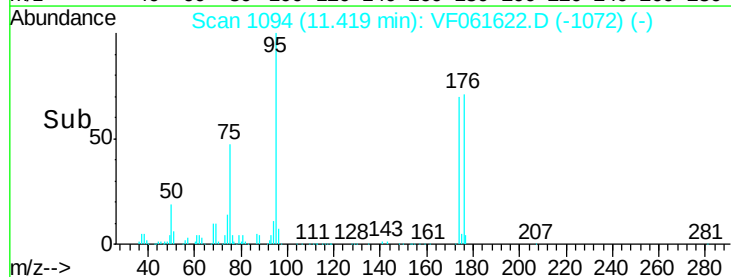
60000

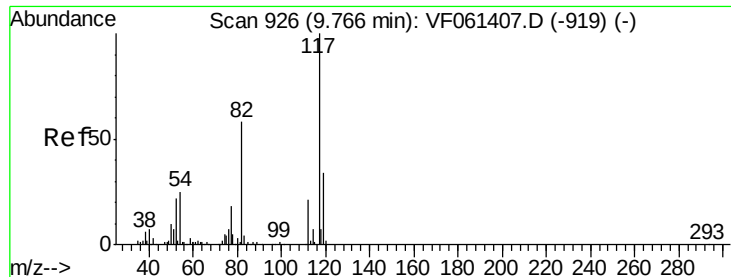
40000

20000

0

Time-->

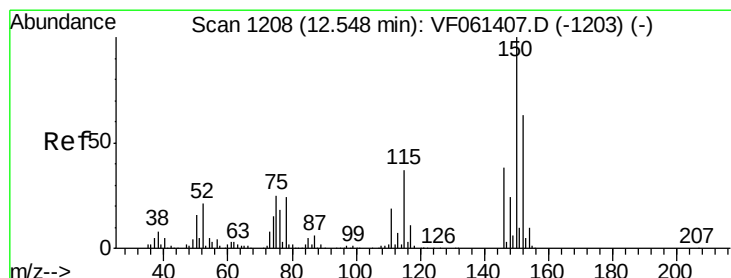
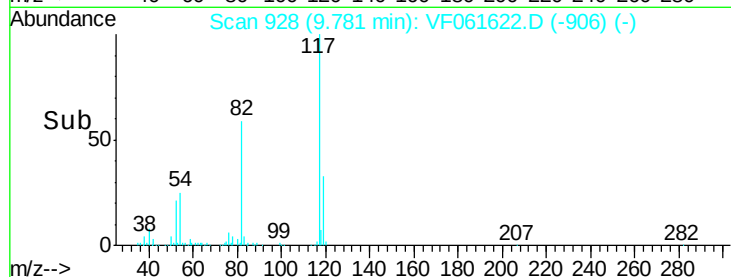
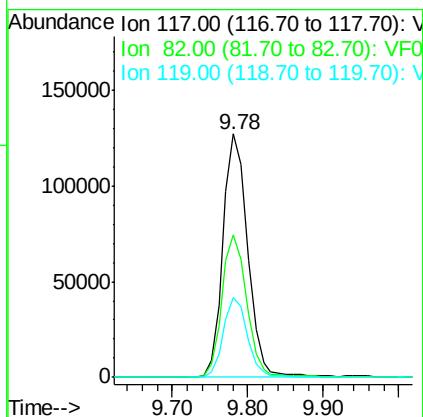
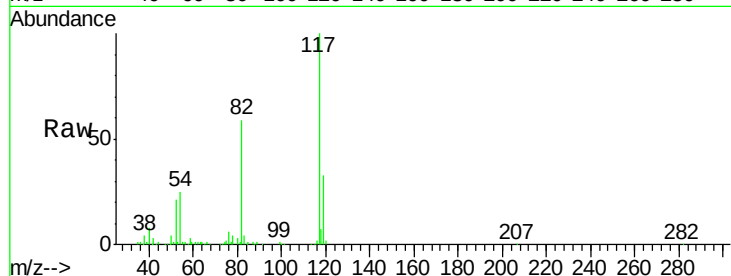




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Tot Ion:117 Resp: 290588
Ion Ratio Lower Upper
117 100
82 58.7 46.4 69.6
119 32.7 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion:152 Resp: 144840
Ion Ratio Lower Upper
152 100
115 65.3 30.0 90.0
150 158.0 0.0 321.4

