

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062252.D
 Acq On : 22 Apr 2019 18:43
 Operator : FY/SY
 Sample : K2485-01
 Misc : 7.05g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Apr 23 01:55:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

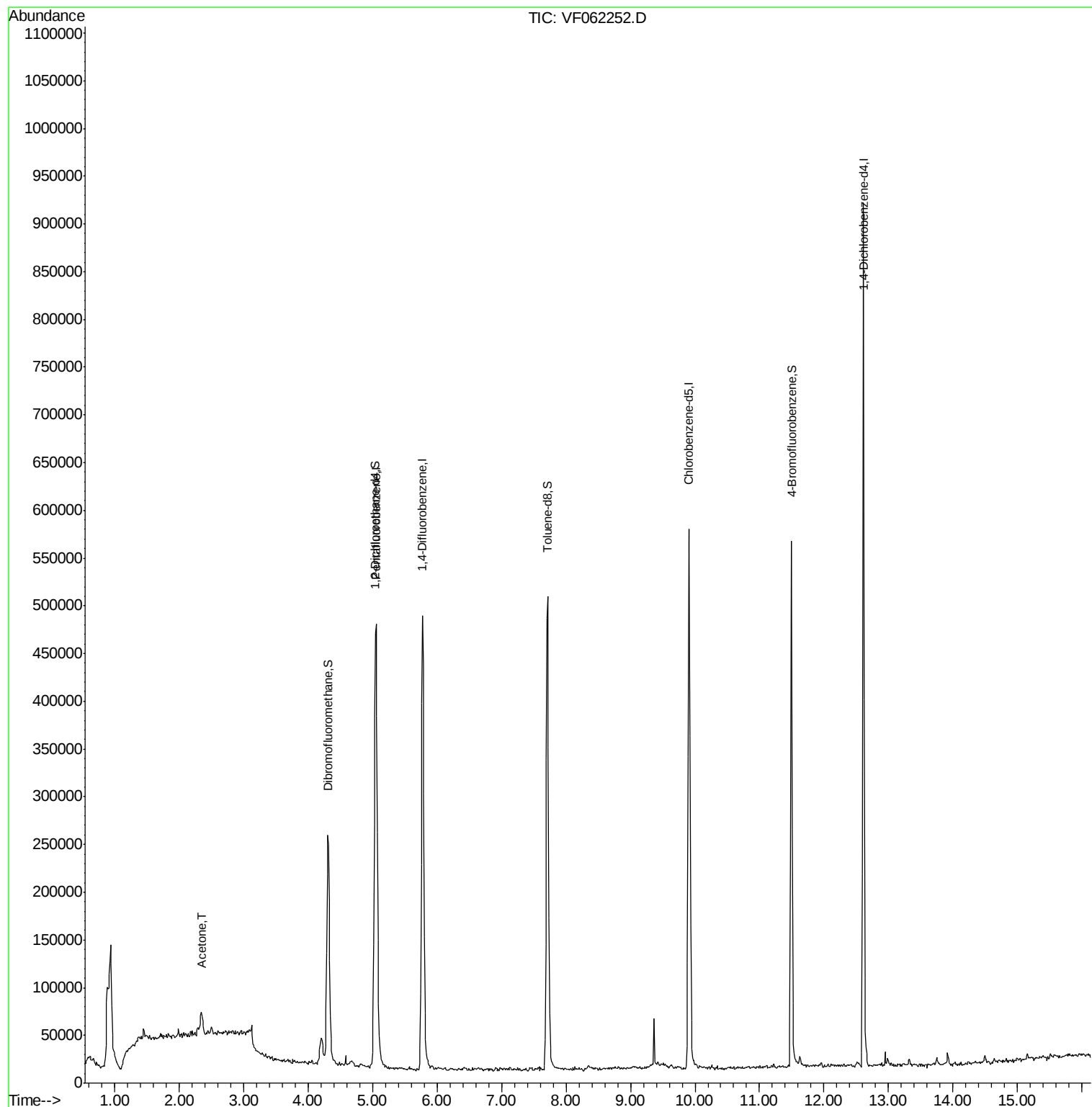
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	413165	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	578751	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	449789	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	262235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	163465	43.15	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.30%	
35) Dibromofluoromethane	4.30	113	231858	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
50) Toluene-d8	7.72	98	464911	36.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.56%	
62) 4-Bromofluorobenzene	11.49	95	211225	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.70%	
Target Compounds						
16) Acetone	2.34	43	35194	38.865	ug/l #	Qvalue 87

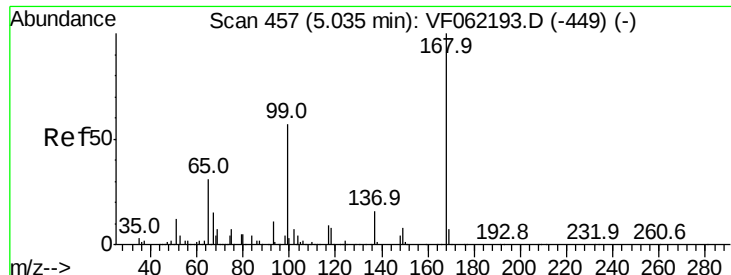
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062252.D

Acq: 22 Apr 2019 18:43

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MSVOA_F

ClientSampleId :

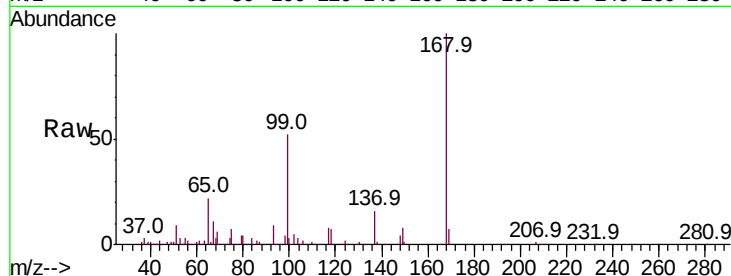
SOIL-CUTTINGS

Tot Ion:168 Resp: 413165

Ion Ratio Lower Upper

168 100

99 51.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.05

150000

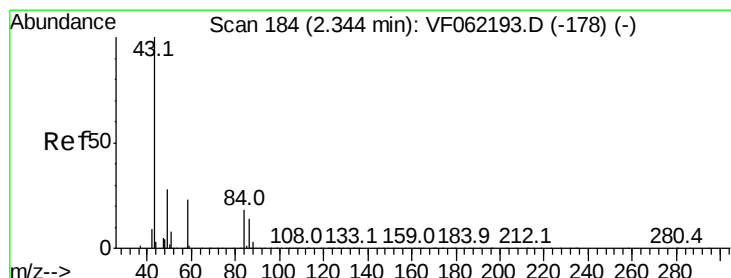
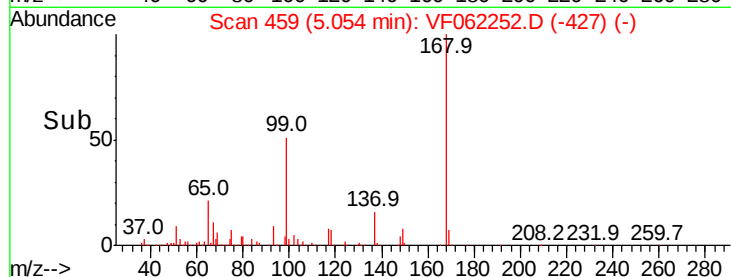
100000

50000

0

Time-->

5.00 5.20



#16

Acetone

Concen: 38.865 ug/l

RT: 2.34 min Scan# 184

Delta R.T. -0.00 min

Lab File: VF062252.D

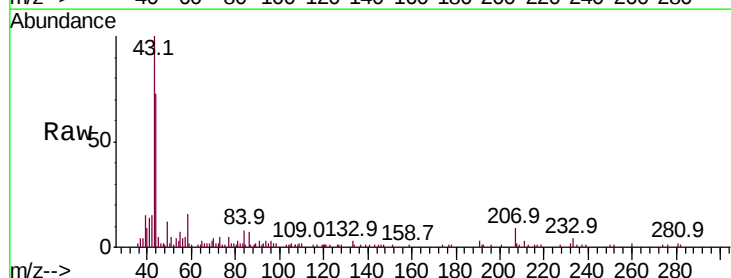
Acq: 22 Apr 2019 18:43

Tgt Ion: 43 Resp: 35194

Ion Ratio Lower Upper

43 100

58 17.1 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

15000

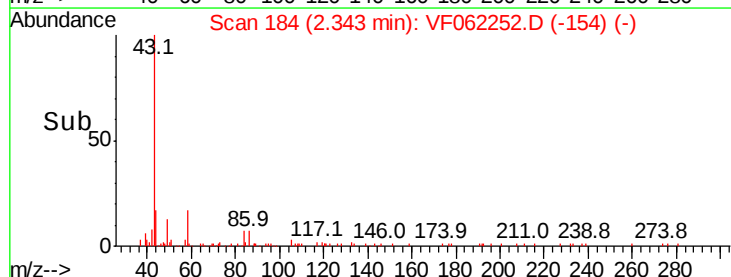
10000

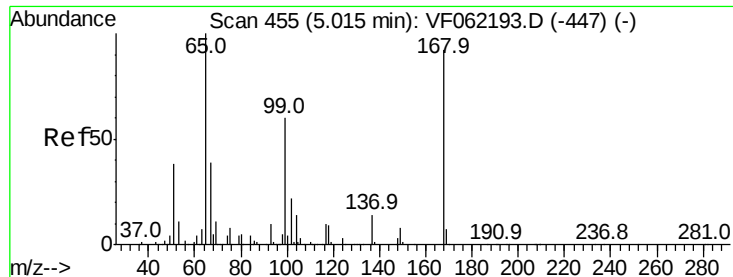
5000

0

Time-->

2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 43.148 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062252.D

Acq: 22 Apr 2019 18:43

Instrument :

MSVOA_F

ClientSampleId :

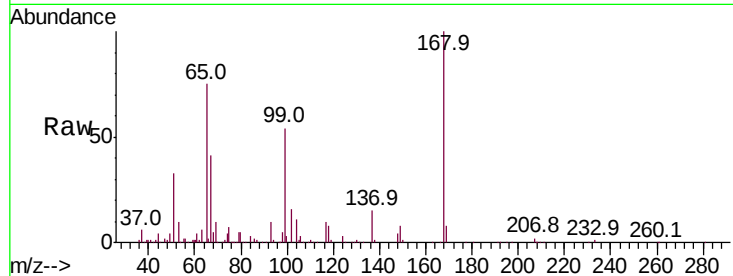
SOIL-CUTTINGS

Tot Ion: 65 Resp: 163465

Ion Ratio Lower Upper

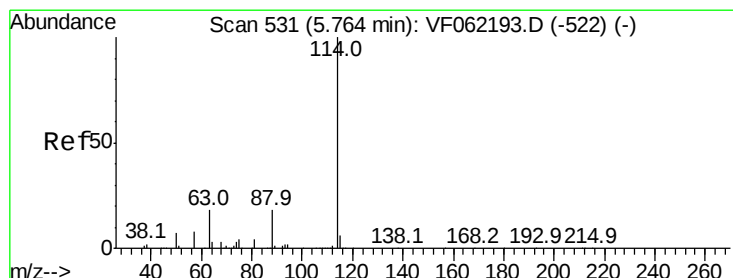
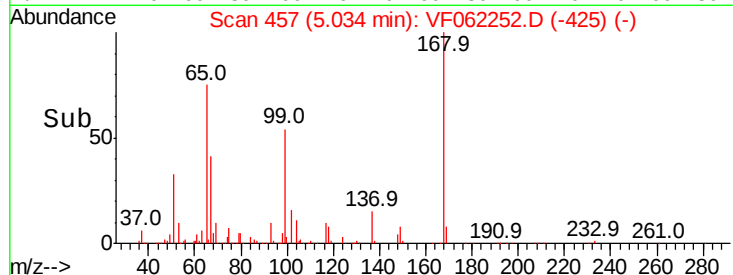
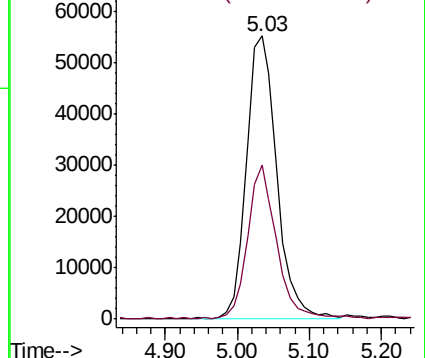
65 100

67 51.0 0.0 109.4



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: 5.77 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062252.D

Acq: 22 Apr 2019 18:43

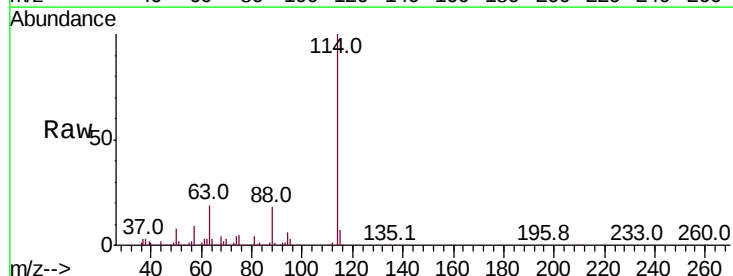
Tgt Ion: 114 Resp: 578751

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.6

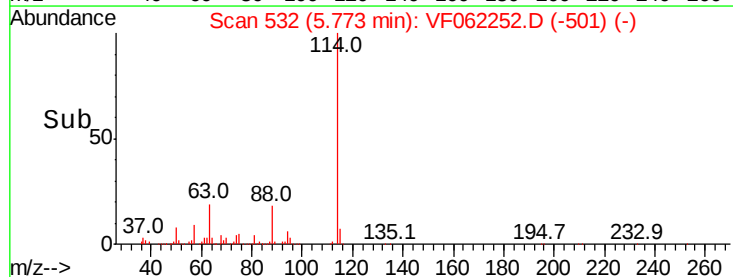
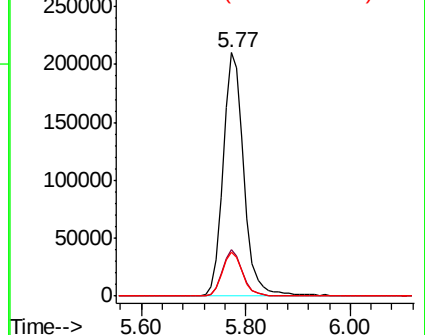
88 18.2 0.0 35.8

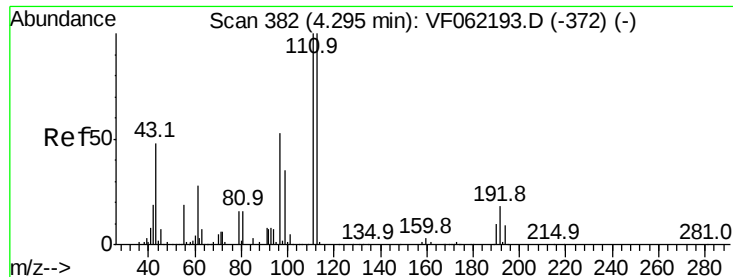


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0





#35

Dibromofluoromethane

Concen: 45.799 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062252.D

Acq: 22 Apr 2019 18:43

Instrument :

MSVOA_F

ClientSampleId :

SOIL-CUTTINGS

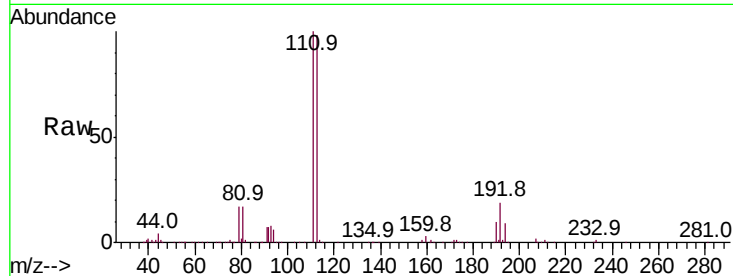
Tot Ion:113 Resp: 231858

Ion Ratio Lower Upper

113 100

111 103.9 81.1 121.7

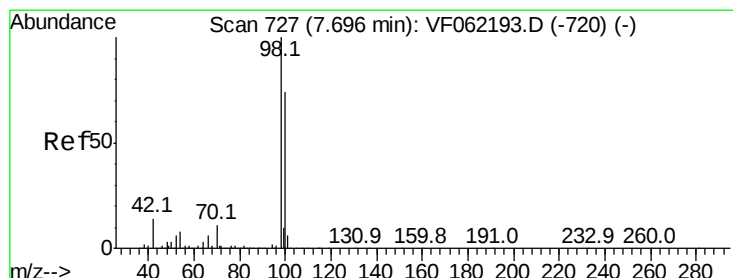
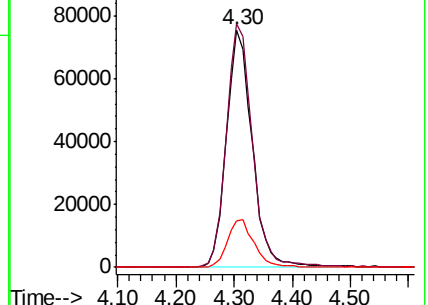
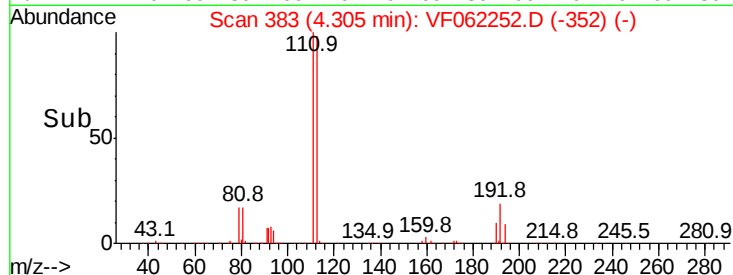
192 20.8 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 36.278 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062252.D

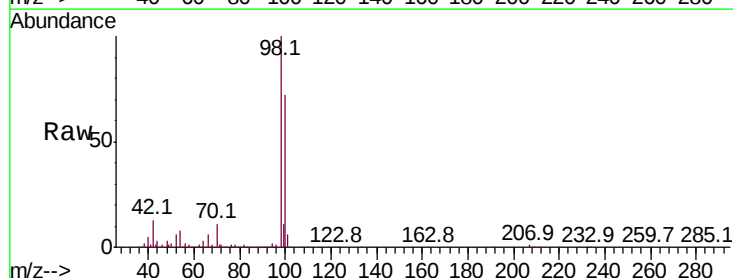
Acq: 22 Apr 2019 18:43

Tgt Ion: 98 Resp: 464911

Ion Ratio Lower Upper

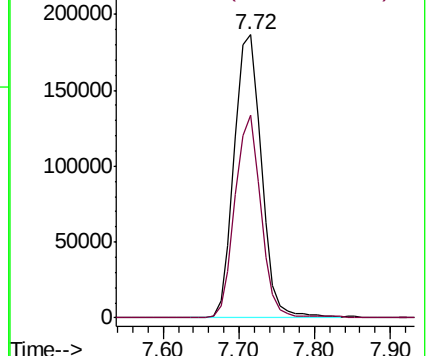
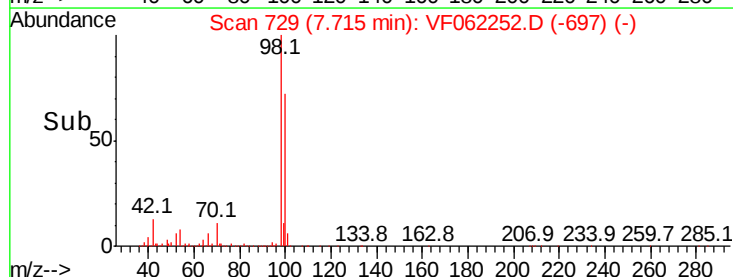
98 100

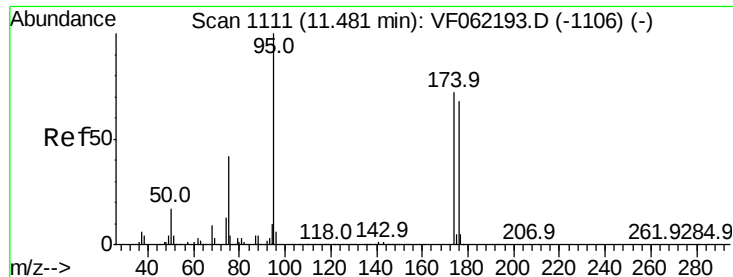
100 68.5 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

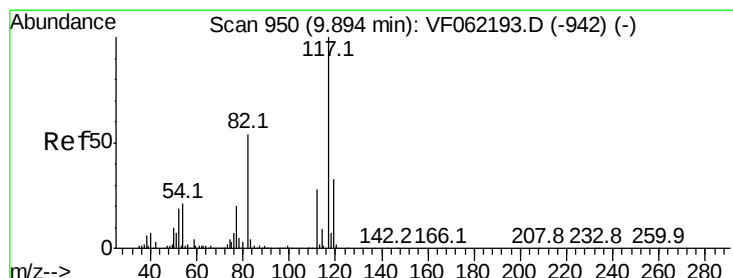
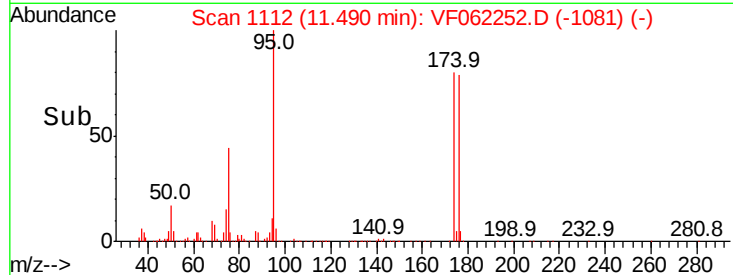
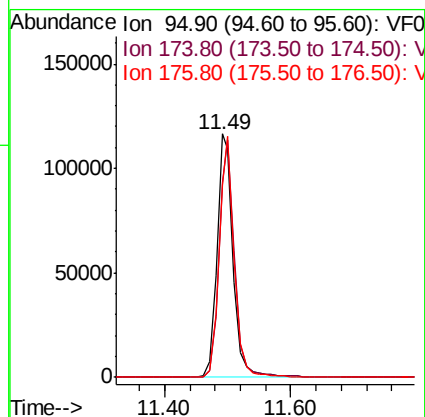
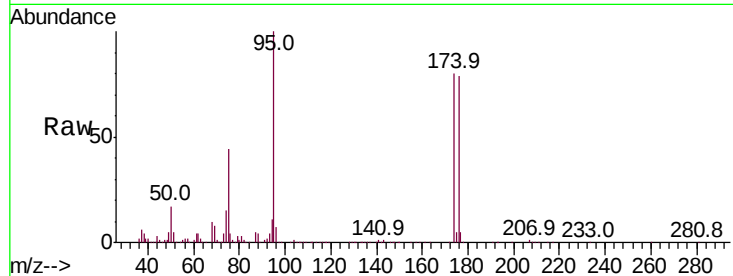




#62
4-Bromofluorobenzene
Concen: 42.846 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

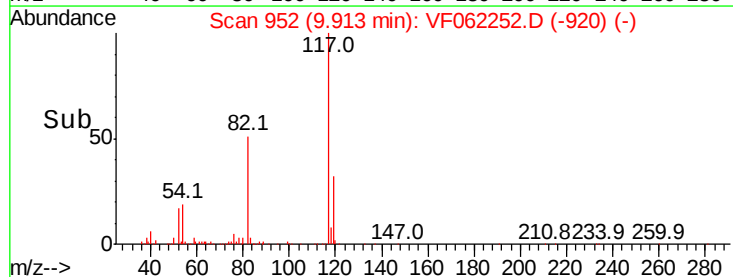
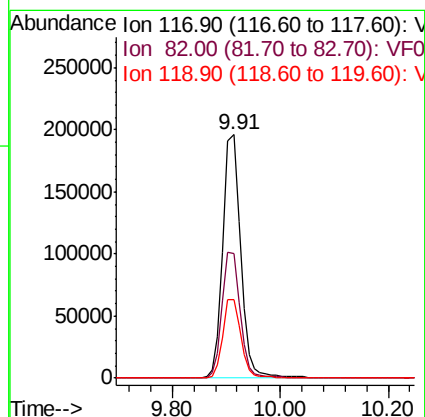
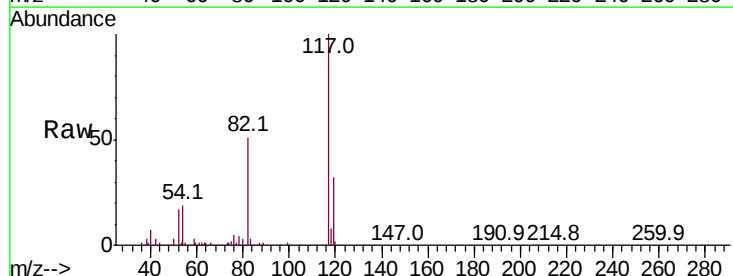
Instrument :
MSVOA_F
ClientSampleId :
SOIL-CUTTINGS

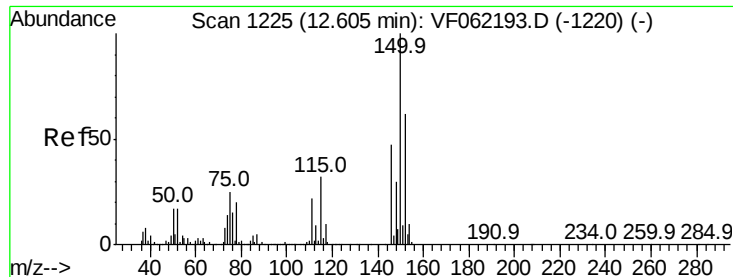
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	159.4
176	91.9	0.0	155.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062252.D
Acq: 22 Apr 2019 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.2	64.8
119	32.1	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062252.D

Acq: 22 Apr 2019 18:43

Instrument :

MSVOA_F

ClientSampleId :

SOIL-CUTTINGS

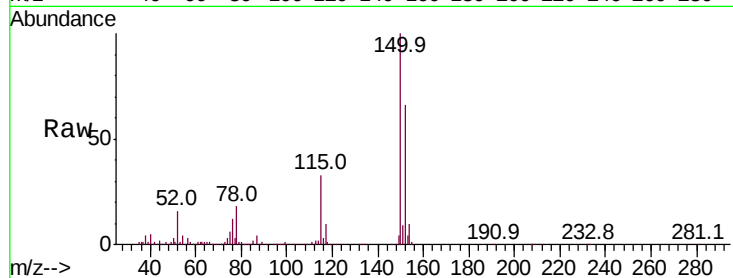
Tot Ion:152 Resp: 262235

Ion Ratio Lower Upper

152 100

115 52.1 27.8 83.3

150 152.0 0.0 341.8



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

