

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062241.D
 Acq On : 22 Apr 2019 13:33
 Operator : FY/SY
 Sample : K2413-02RE
 Misc : 5.09g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 NCC-TOPSOIL-CR

Quant Time: Apr 22 16:51:05 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

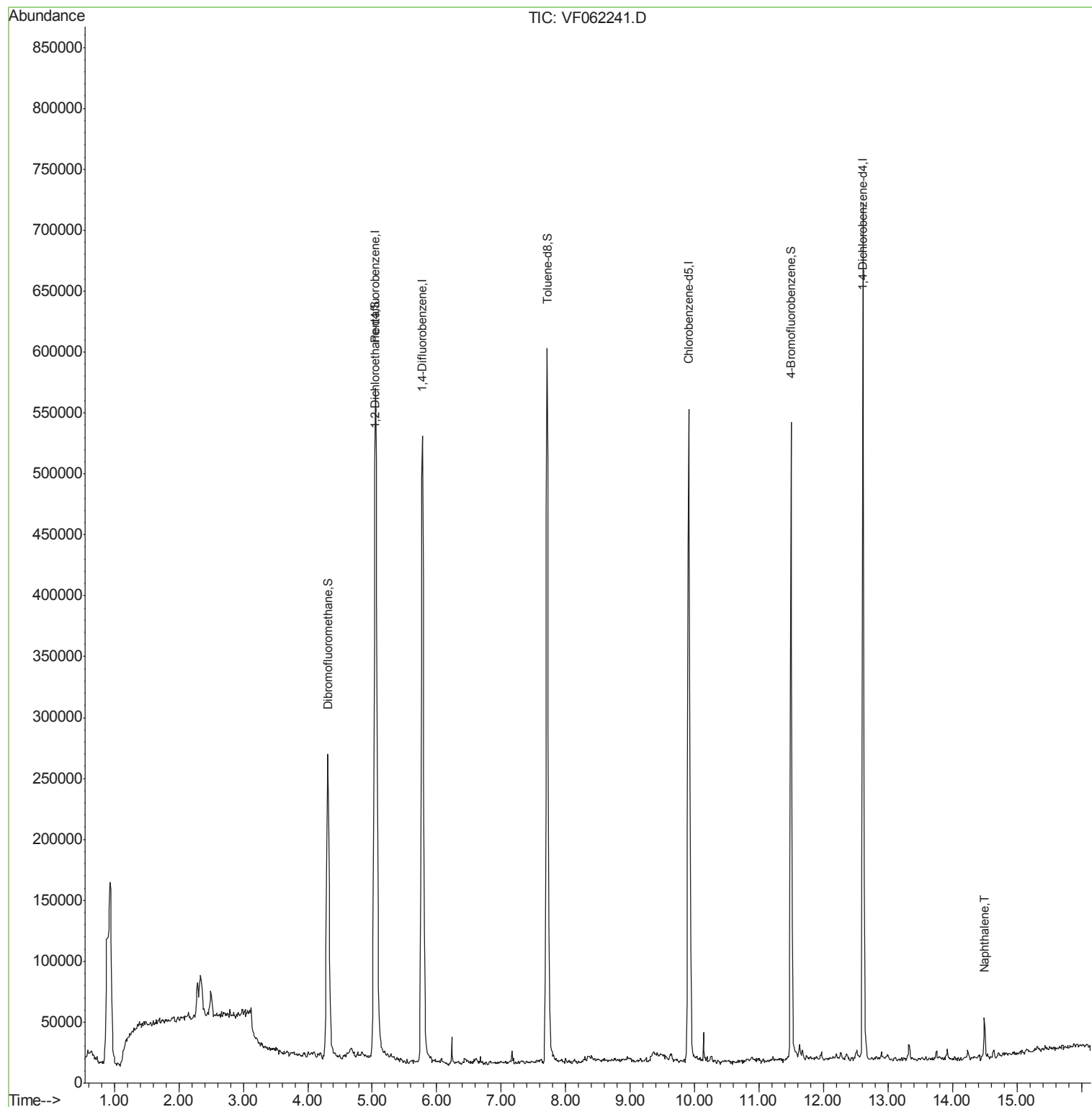
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Pentafluorobenzene	5.06	168	486300	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	644276	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	428799	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	196654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	192582	43.19	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	4.31	113	241771	42.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.80%	
50) Toluene-d8	7.71	98	515310	36.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.24%	
62) 4-Bromofluorobenzene	11.50	95	184691	33.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	67.30%	
Target Compounds						
95) Naphthalene	14.49	128	17437	1.838	ug/l	98

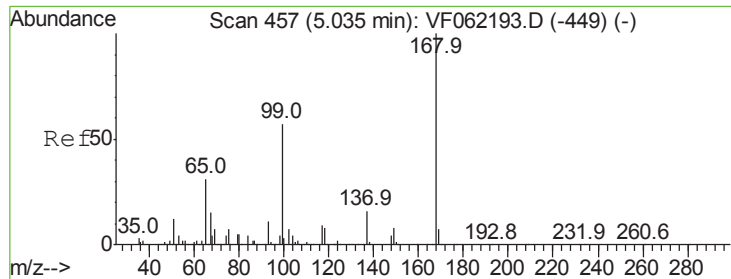
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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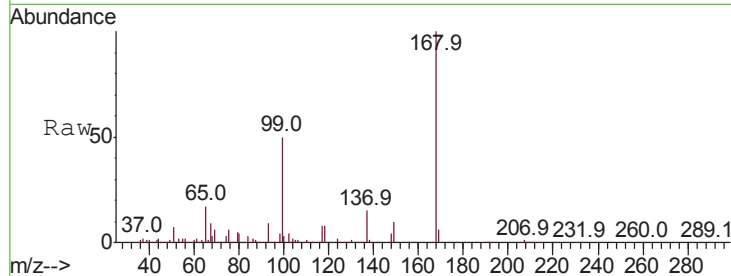


#1

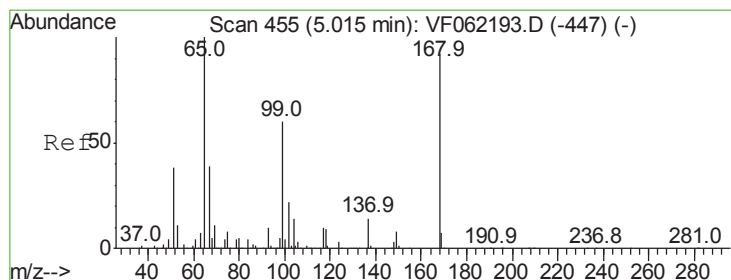
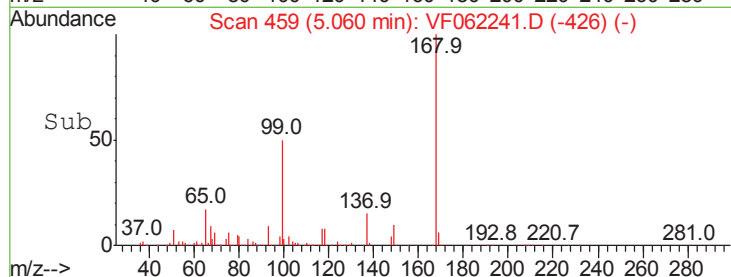
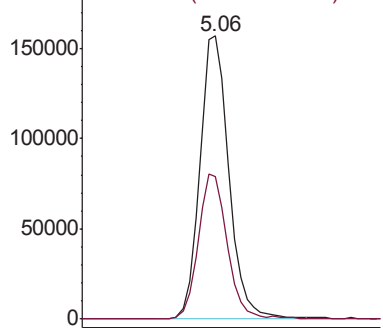
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.06 min Scan# 459
 Delta R.T. 0.03 min
 Lab File: VF062241.D
 Acq: 22 Apr 2019 13:33

Instrument :
 ECD_Q
 ClientSampleId :
 NCC-TOPSOIL-CR

Tot Ion:168 Resp: 486300
 Ion Ratio Lower Upper
 168 100
 99 50.2 45.5 68.3



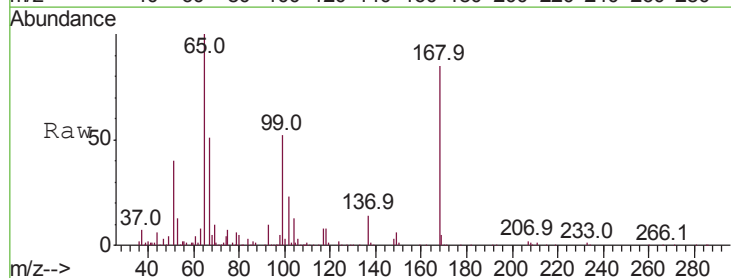
Abundance Ion 167.90 (167.60 to 168.60): V



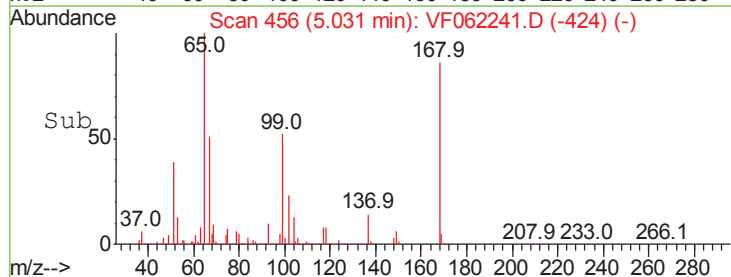
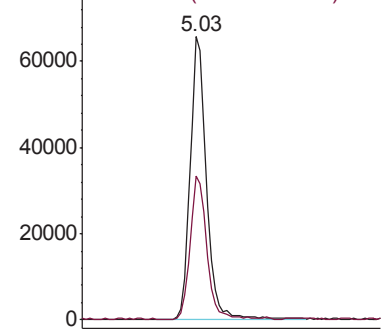
#33

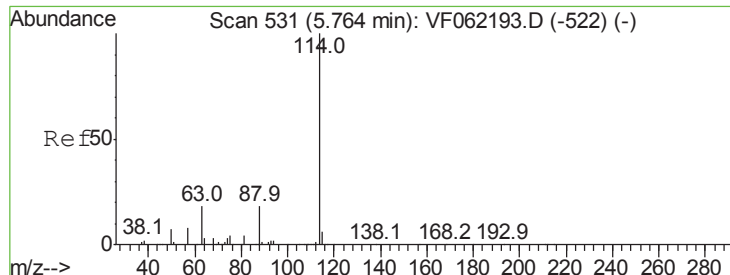
1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.02 min
 Lab File: VF062241.D
 Acq: 22 Apr 2019 13:33

Tgt Ion: 65 Resp: 192582
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.02 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

Instrument :

ECD_Q

ClientSampleId :

NCC-TOPSOIL-CR

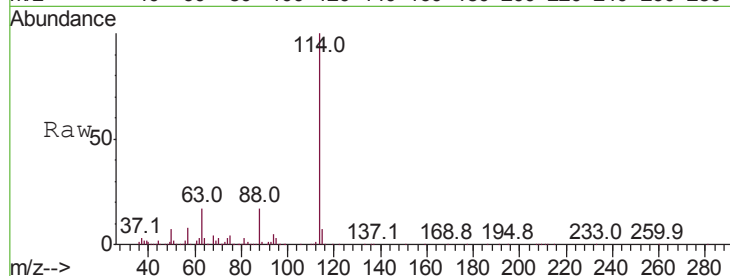
Tot Ion:114 Resp: 644276

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

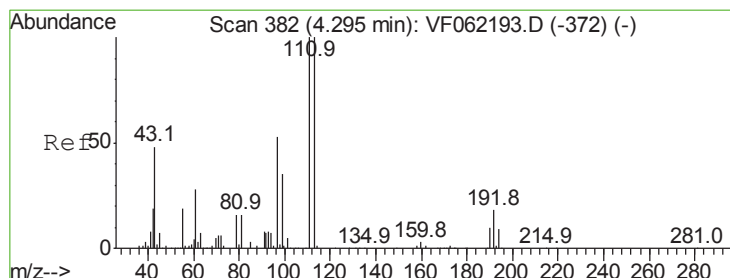
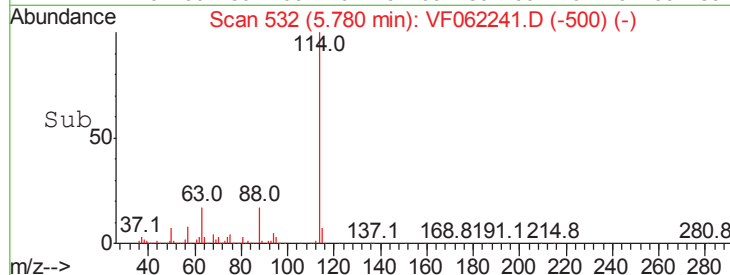
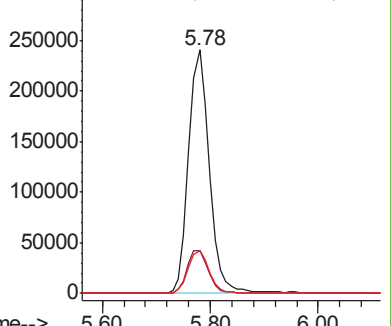
88 17.3 0.0 35.8



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: 50.000 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.02 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

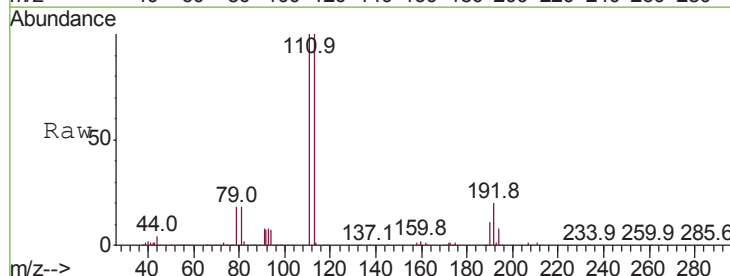
Tgt Ion:113 Resp: 241771

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

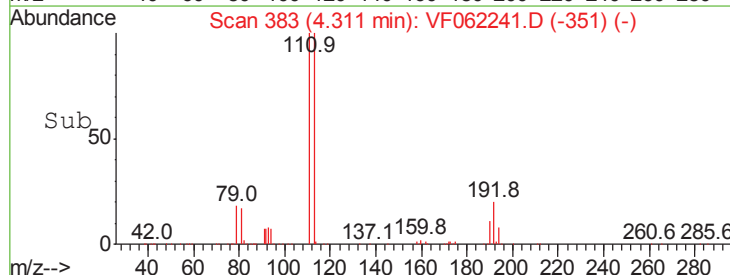
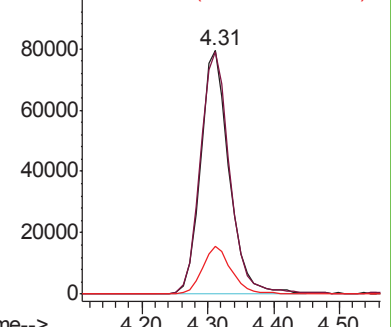
192 19.8 14.7 22.1

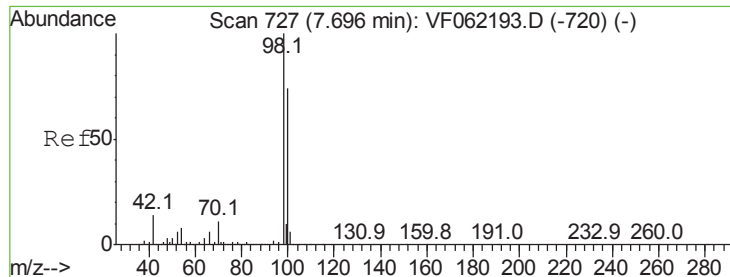


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.02 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

Instrument :

ECD_Q

ClientSampleId :

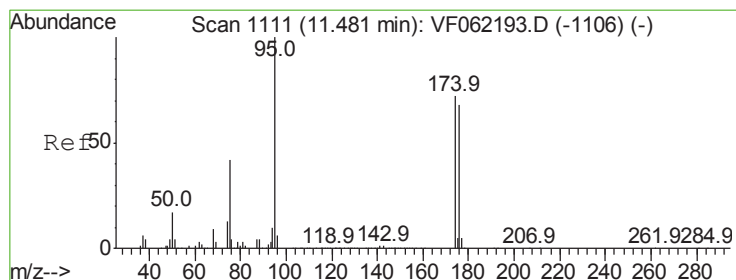
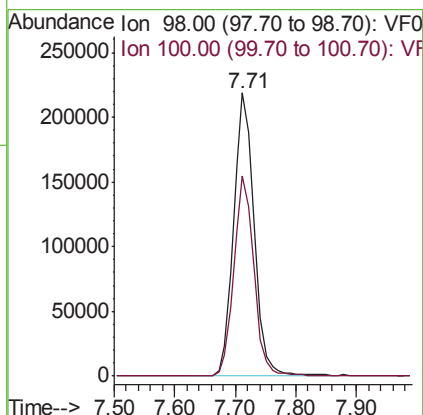
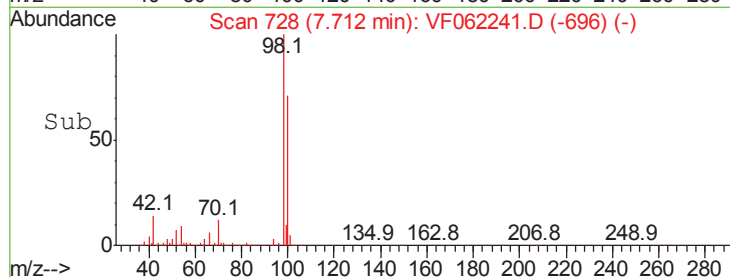
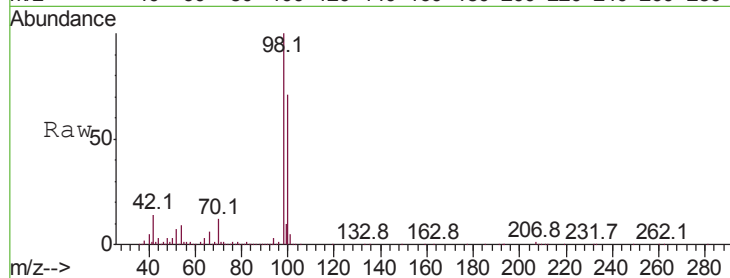
NCC-TOPSOIL-CR

Tot Ion: 98 Resp: 515310

Ion Ratio Lower Upper

98 100

100 69.4 56.2 84.2



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

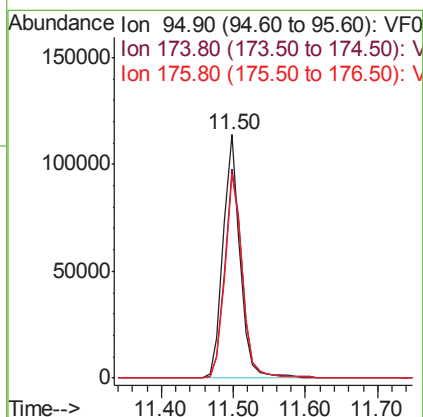
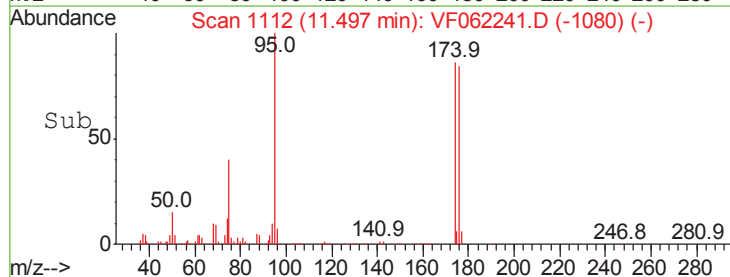
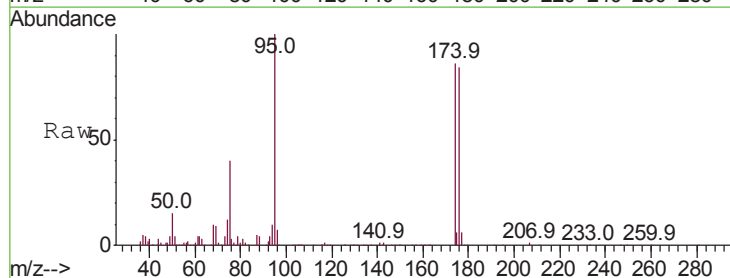
Tgt Ion: 95 Resp: 184691

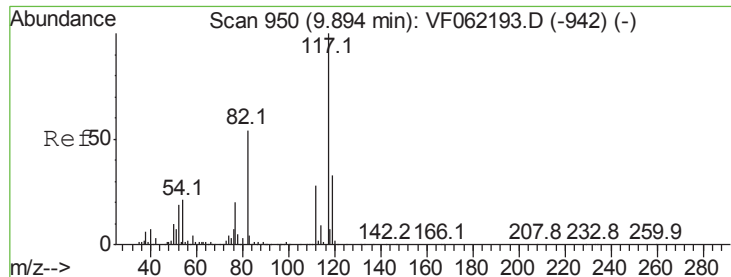
Ion Ratio Lower Upper

95 100

174 89.2 0.0 159.4

176 86.8 0.0 155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. 0.02 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

Instrument :

ECD_Q

ClientSampleId :

NCC-TOPSOIL-CR

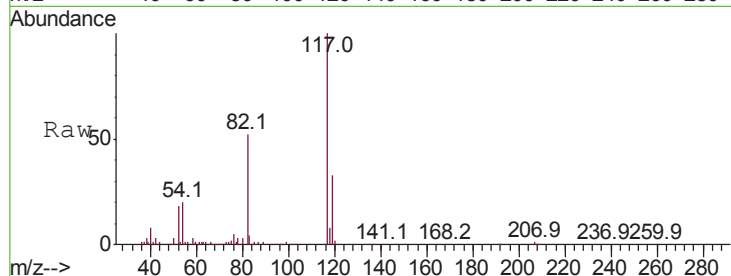
Tot Ion:117 Resp: 428799

Ion Ratio Lower Upper

117 100

82 51.8 43.2 64.8

119 32.8 26.2 39.4



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

250000

200000

150000

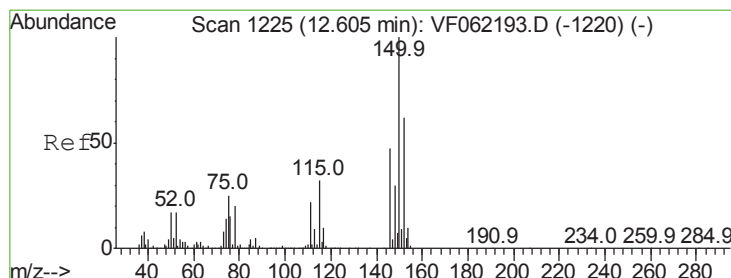
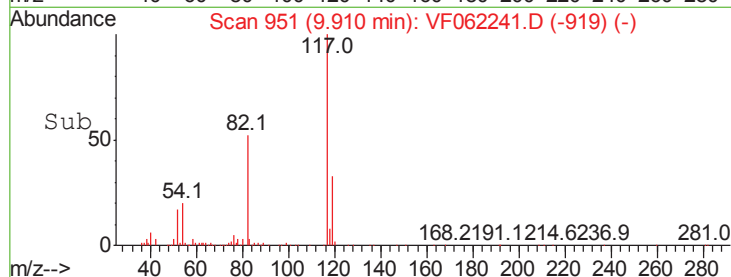
100000

50000

0

9.80 9.90 10.00 10.20

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

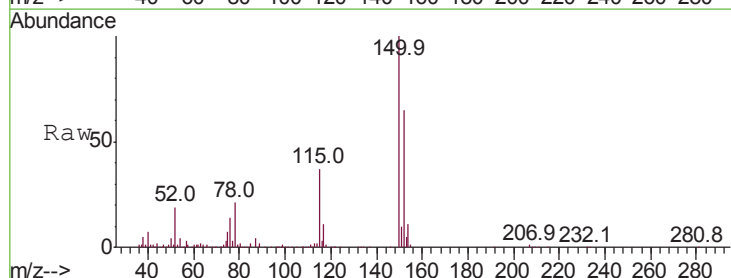
Tgt Ion:152 Resp: 196654

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.3

150 154.3 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

250000

200000

150000

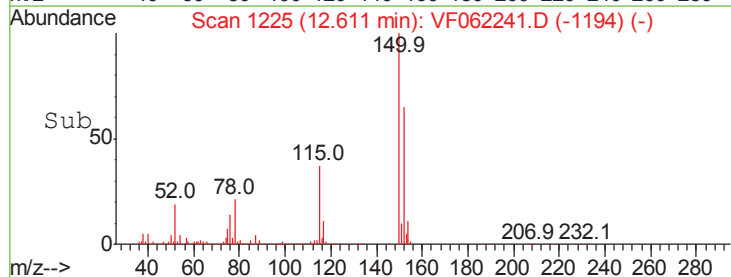
100000

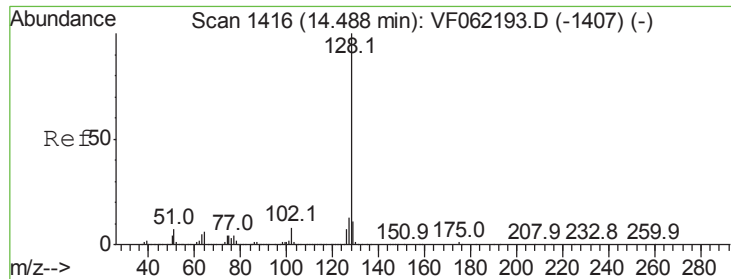
50000

0

12.50 12.60 12.70 12.80

Time-->





#95

Naphthalene

Concen: 1.838 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

Instrument :

ECD_Q

ClientSampleId :

NCC-TOPSOIL-CR

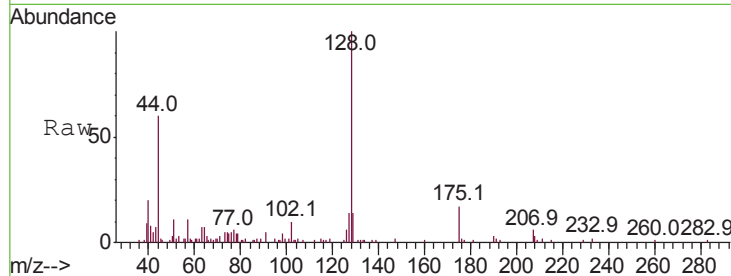
Tot Ion:128 Resp: 17437

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.5 9.2 13.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

