

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

Instrument :
 MSVOA_F
 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

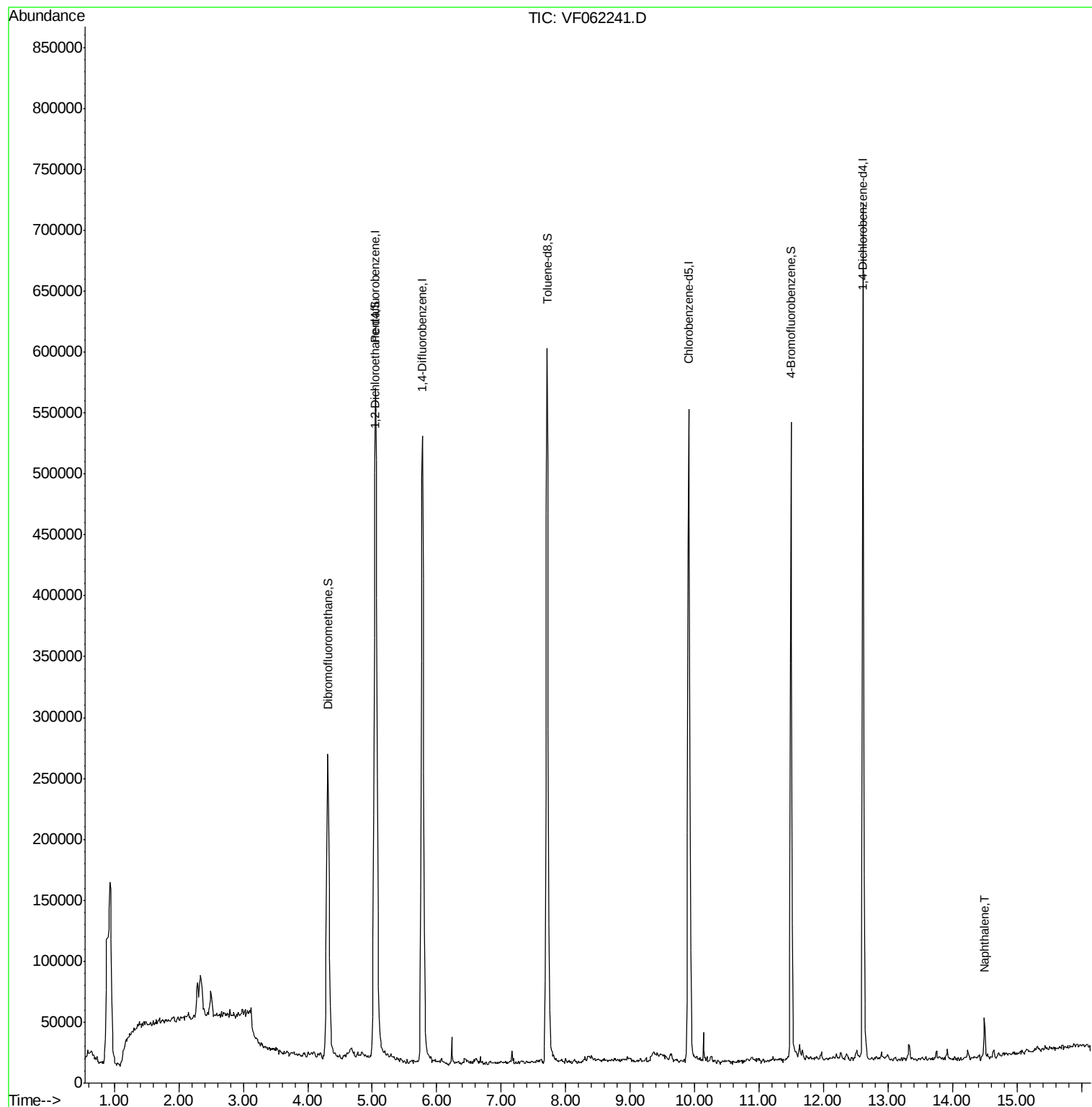
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	486300	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	644276	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	428799	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	196654	50.00	ug/l	0.00
System Monitoring Compounds						
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	Qvalue 98

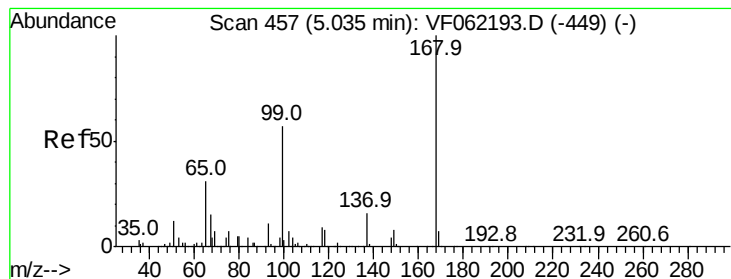
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.06 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

Instrument :

MSVOA_F

ClientSampleId :

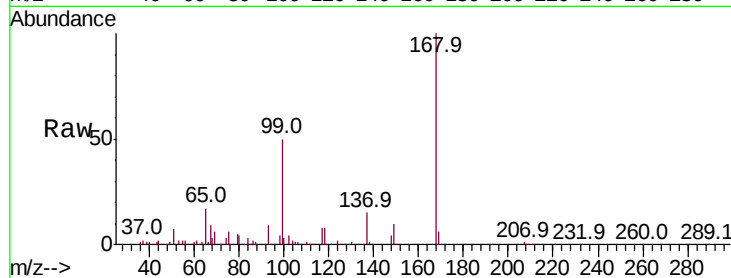
NCC-TOPSOIL-CR

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): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

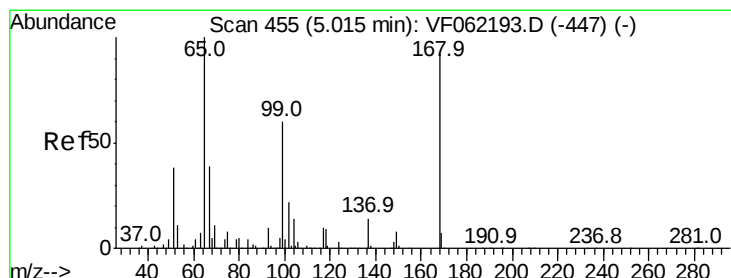
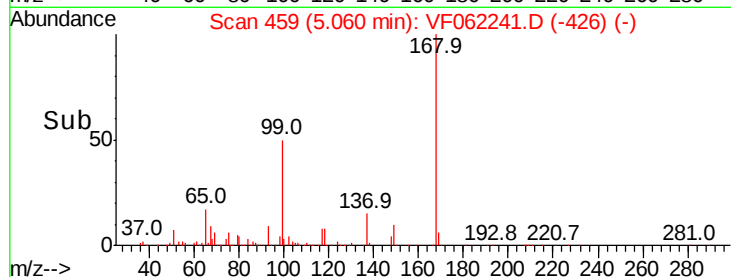
100000

50000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.189 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF062241.D

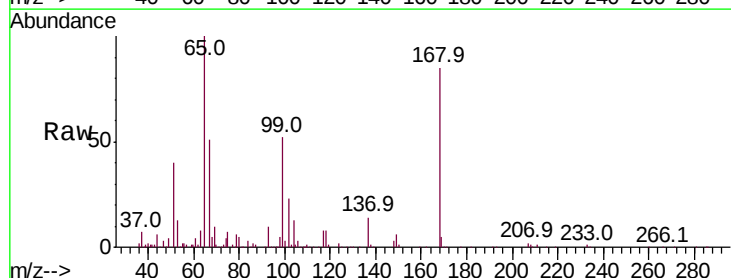
Acq: 22 Apr 2019 13:33

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

Ion 66.90 (66.60 to 67.60): VF0

5.03

60000

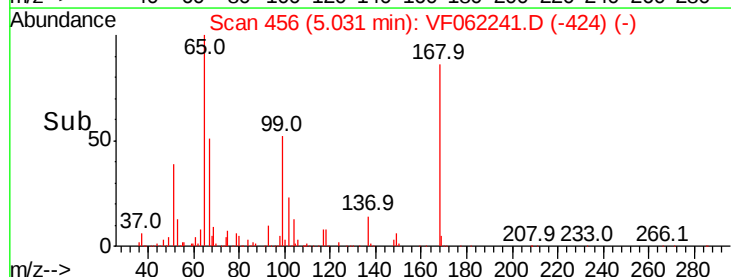
40000

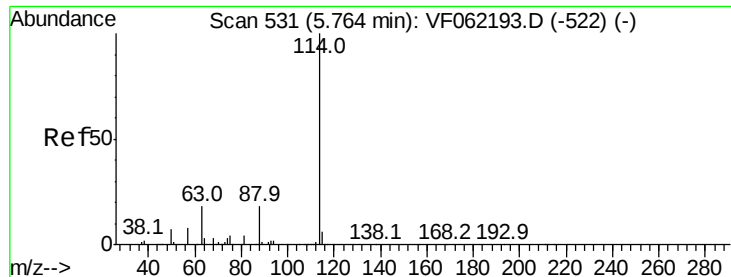
20000

0

4.80 5.00 5.20 5.40

Time-->





#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 :

MSVOA_F

ClientSampleId :

NCC-TOPSOIL-CR

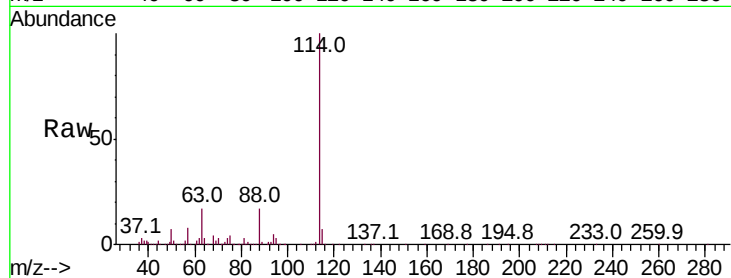
Tot Ion:114 Resp: 644276

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

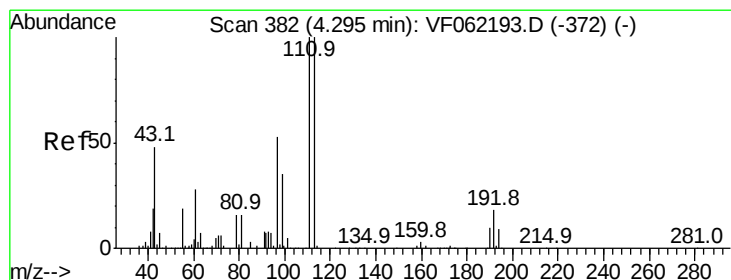
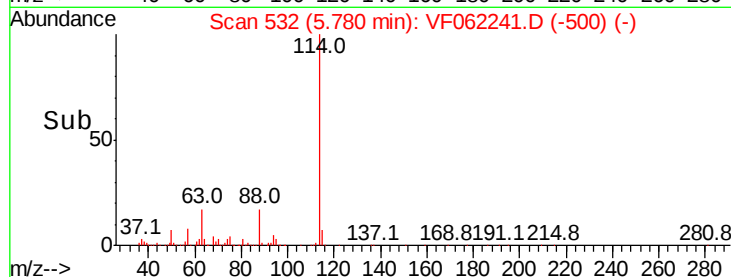
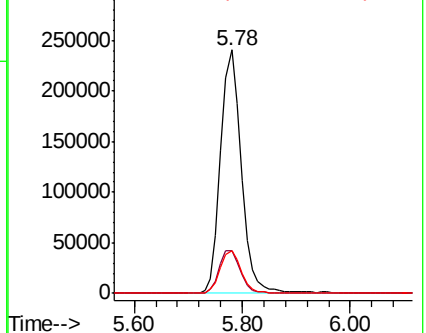
88 17.3 0.0 35.8



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: 42.900 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.02 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

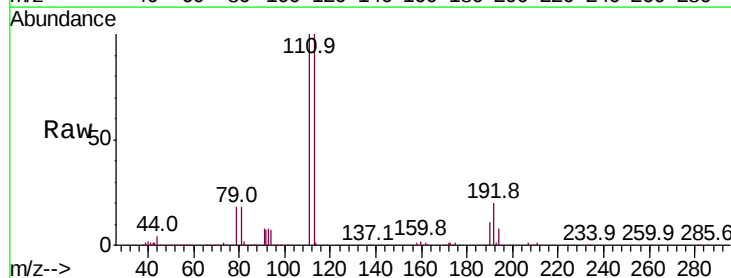
Tgt Ion:113 Resp: 241771

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

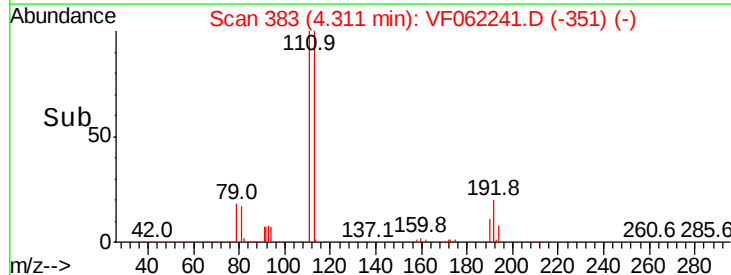
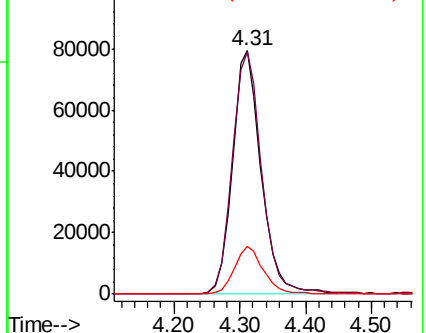
192 19.8 14.7 22.1

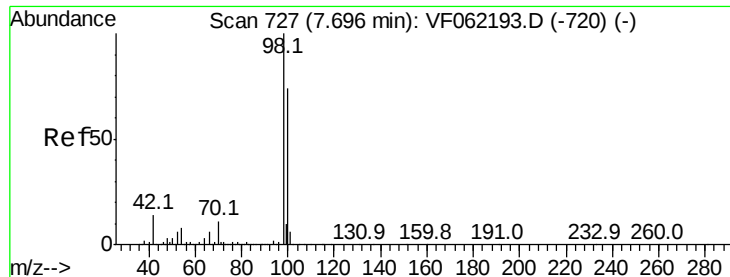


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.122 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 :

MSVOA_F

ClientSampleId :

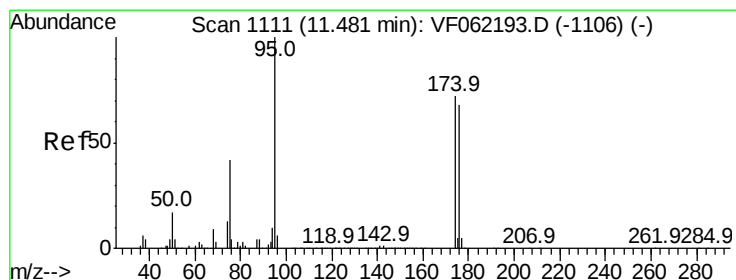
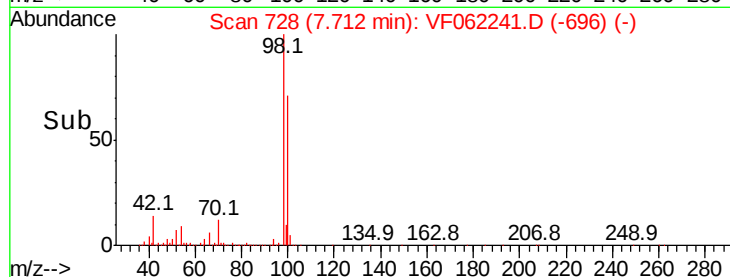
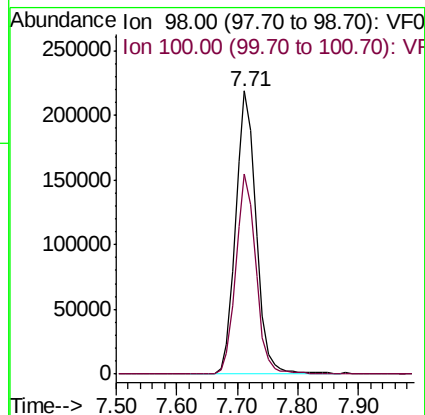
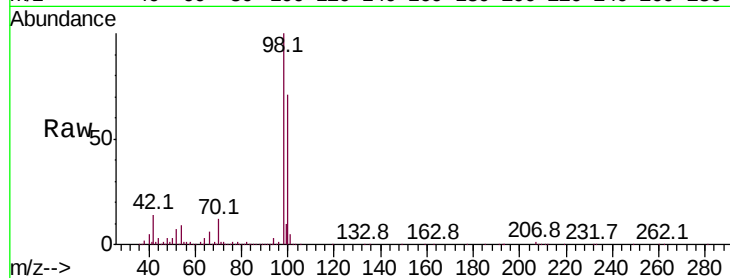
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Tot Ion: 98 Resp: 515310

Ion Ratio Lower Upper

98 100

100 69.4 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 33.653 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VF062241.D

Acq: 22 Apr 2019 13:33

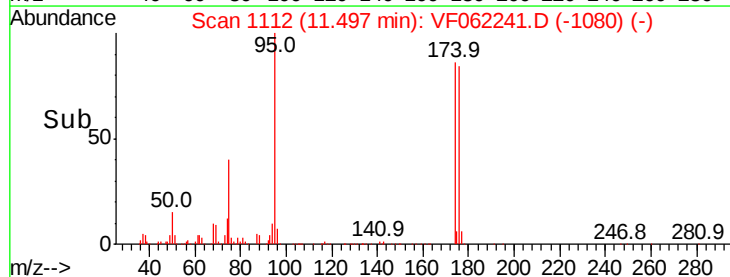
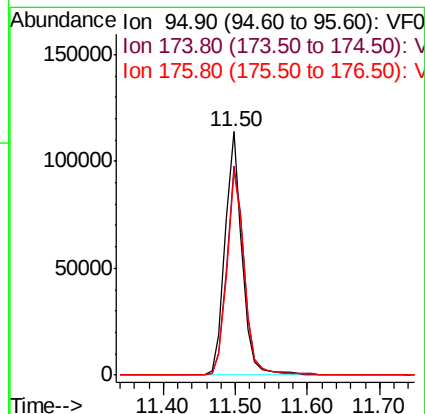
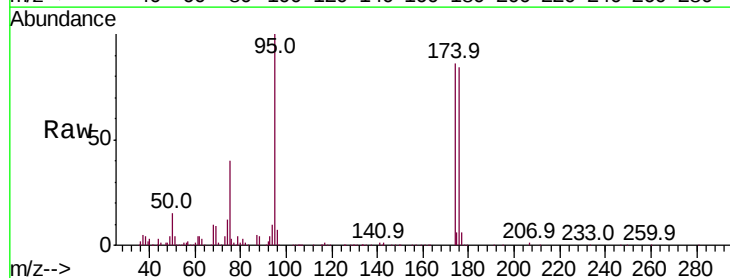
Tgt Ion: 95 Resp: 184691

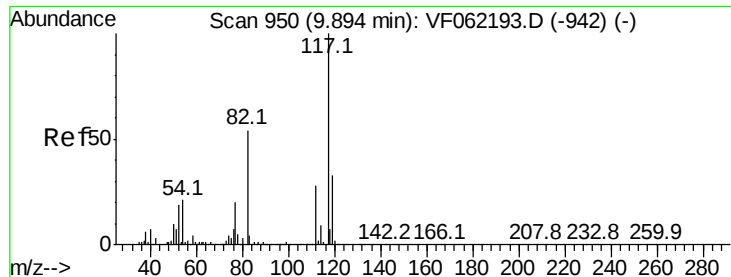
Ion Ratio Lower Upper

95 100

174 89.2 0.0 159.4

176 86.8 0.0 155.4

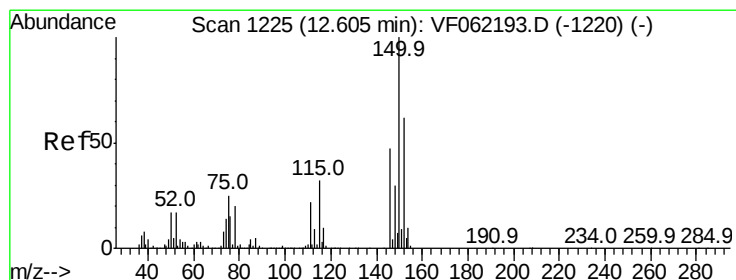
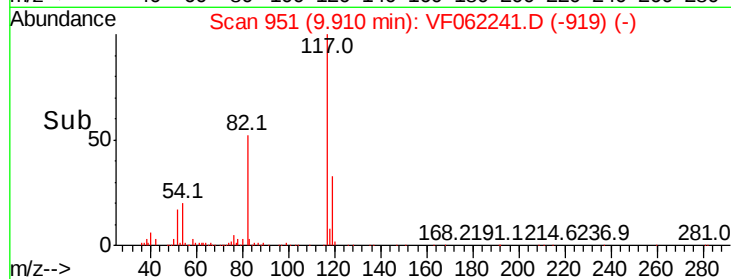
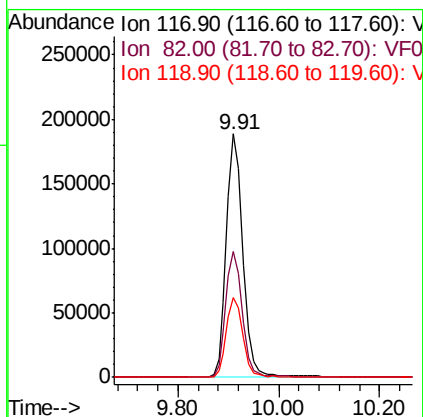
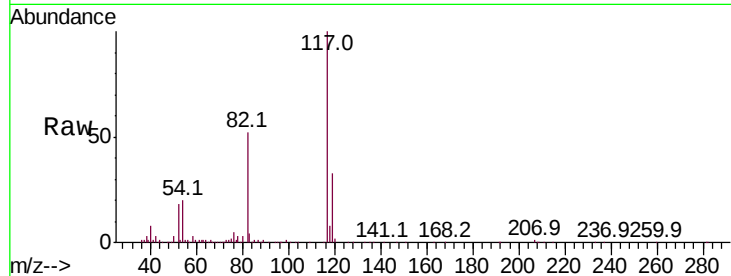




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF062241.D
Acq: 22 Apr 2019 13:33

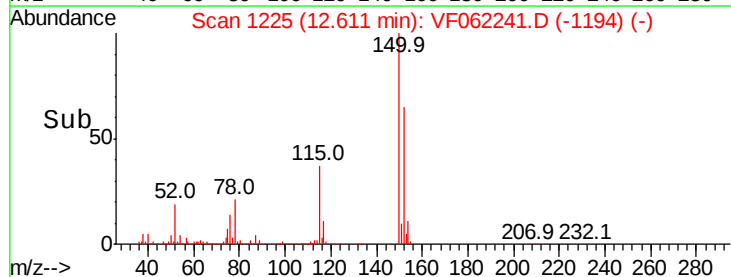
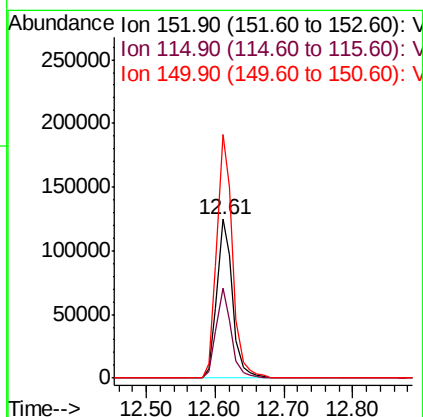
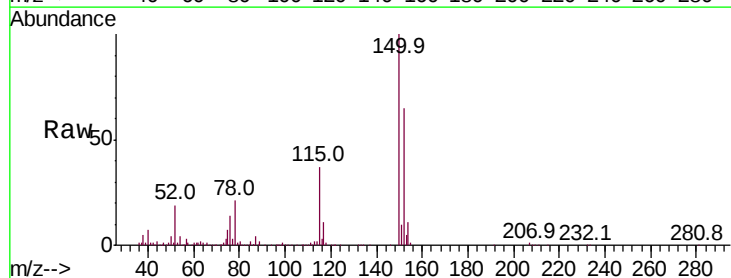
Instrument :
MSVOA_F
ClientSampleId :
NCC-TOPSOIL-CR

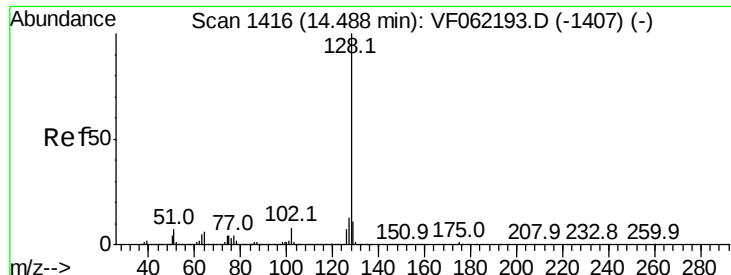
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.2	64.8
119	32.8	26.2	39.4



#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	Ratio	Lower	Upper
152	100		
115	54.5	27.8	83.3
150	154.3	0.0	341.8





#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 :

MSVOA_F

ClientSampleId :

NCC-TOPSOIL-CR

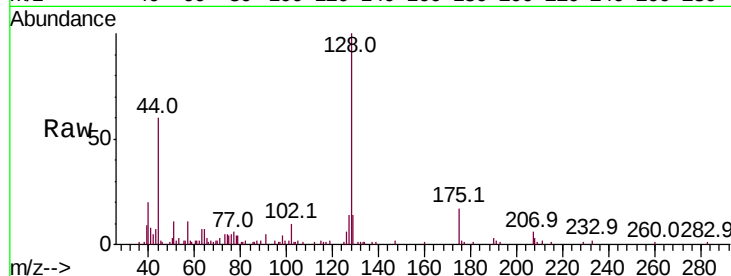
Tot Ion:128 Resp: 17437

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

