

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062245.D
 Acq On : 22 Apr 2019 15:29
 Operator : FY/SY
 Sample : K2413-01RE
 Misc : 5.10g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NCC-TOPSOIL-KYRE

Quant Time: Apr 22 17:07:57 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

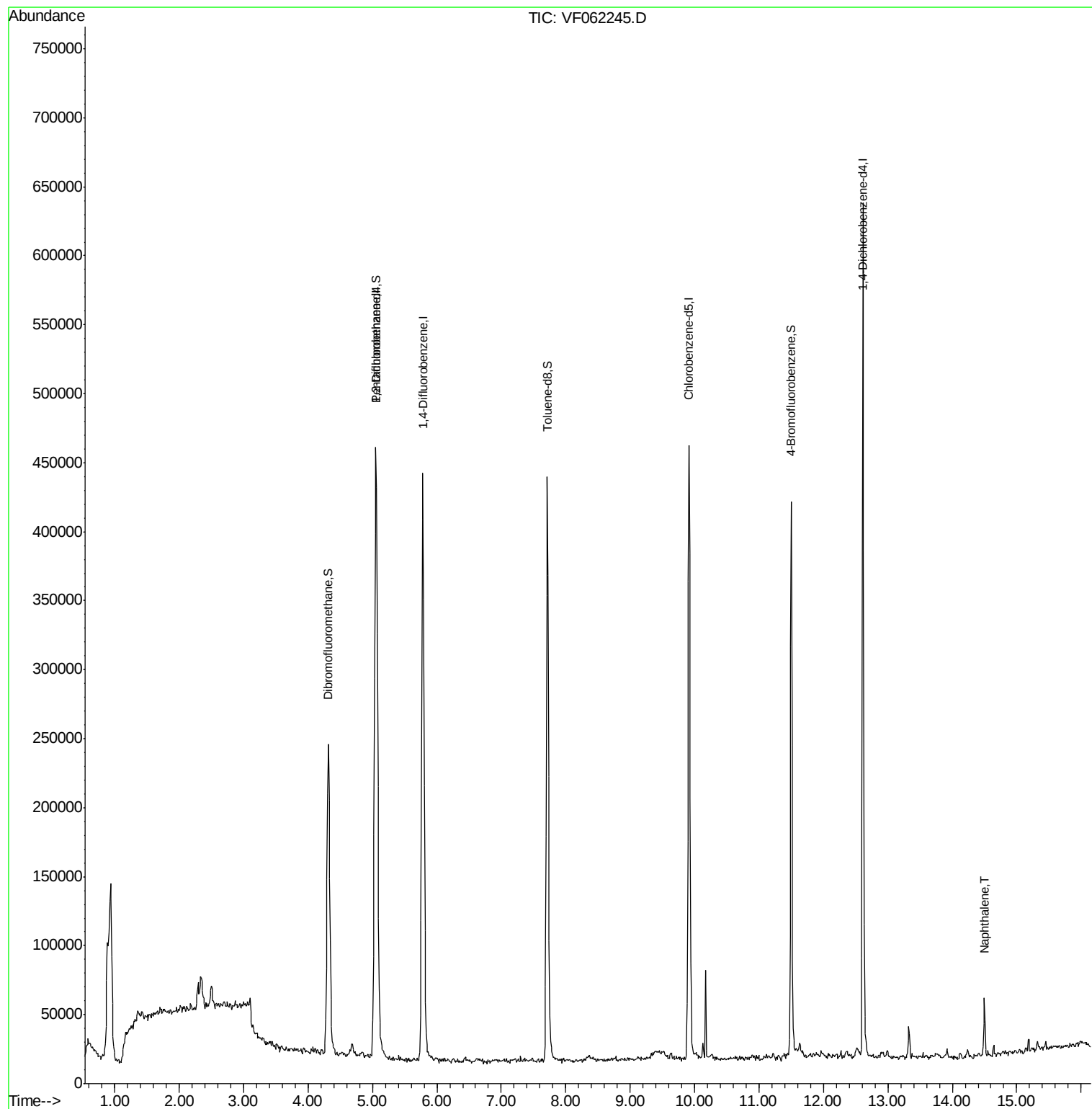
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	380119	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	517795	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	348216	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	167813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	168552	48.36	ug/l	0.03
Spiked Amount 50.000			Recovery	=	96.72%	
35) Dibromofluoromethane	4.31	113	207019	45.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	7.72	98	381023	33.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.46%	
62) 4-Bromofluorobenzene	11.50	95	141894	32.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	64.34%	
Target Compounds						
95) Naphthalene	14.50	128	18815	2.324	ug/l	Qvalue 98

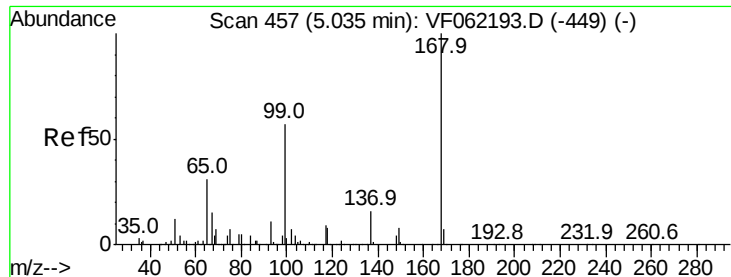
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

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Instrument :

MSVOA_F

ClientSampleId :

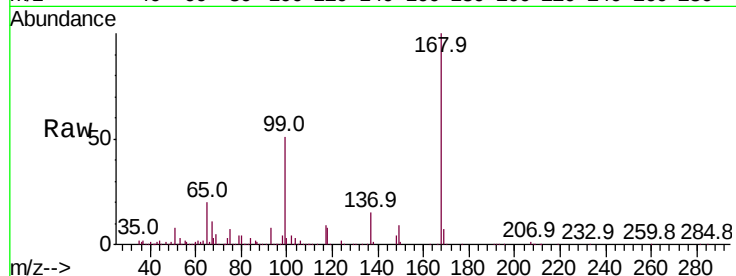
NCC-TOPSOIL-KYRE

Tot Ion:168 Resp: 380119

Ion Ratio Lower Upper

168 100

99 50.8 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

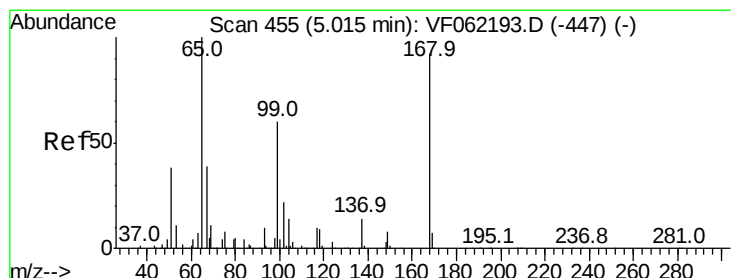
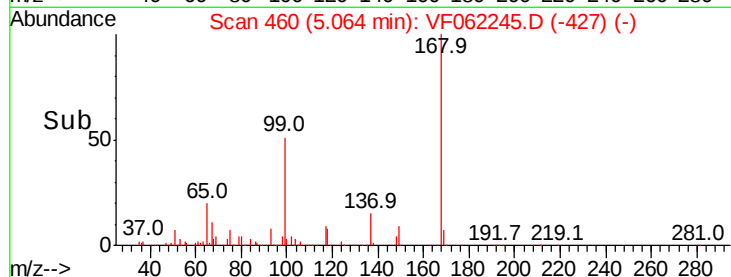
150000

100000

50000

0

Time--> 4.80 5.00 5.20



#33

1,2-Dichloroethane-d4

Concen: 48.358 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062245.D

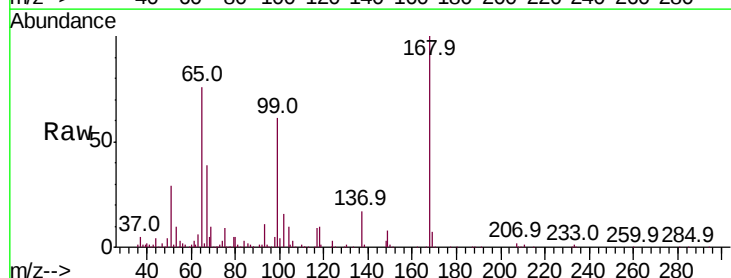
Acq: 22 Apr 2019 15:29

Tgt Ion: 65 Resp: 168552

Ion Ratio Lower Upper

65 100

67 50.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

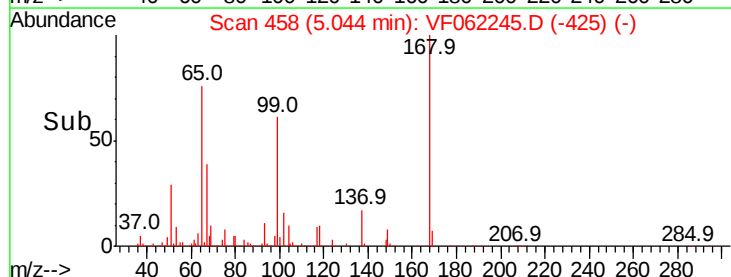
60000

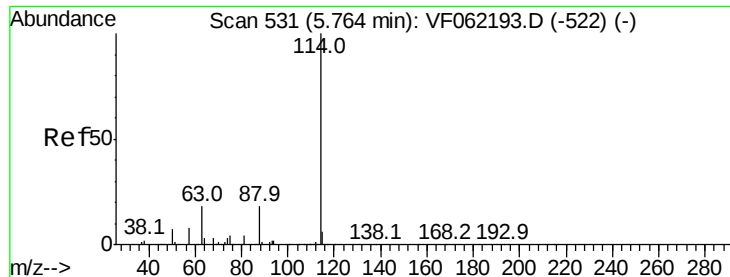
40000

20000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062245.D

Acq: 22 Apr 2019 15:29

Instrument :

MSVOA_F

ClientSampleId :

NCC-TOPSOIL-KYRE

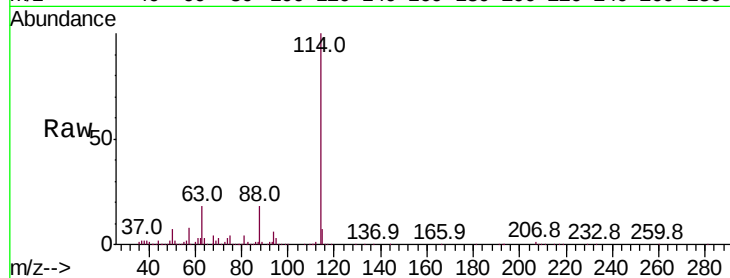
Tot Ion:114 Resp: 517795

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

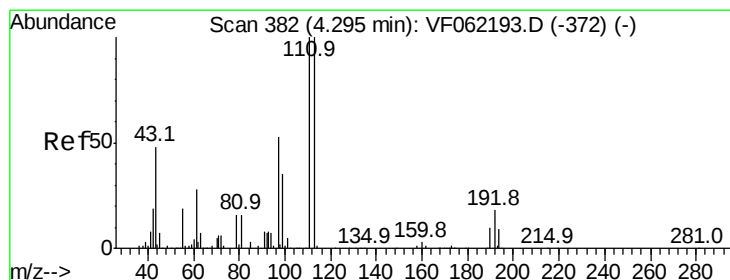
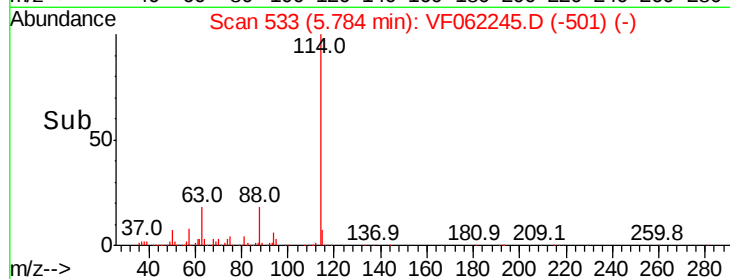
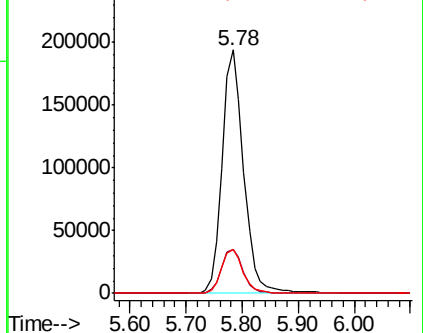
88 17.8 0.0 35.8



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: 45.706 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062245.D

Acq: 22 Apr 2019 15:29

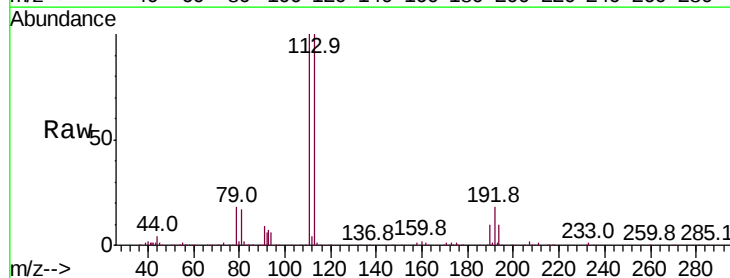
Tgt Ion:113 Resp: 207019

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

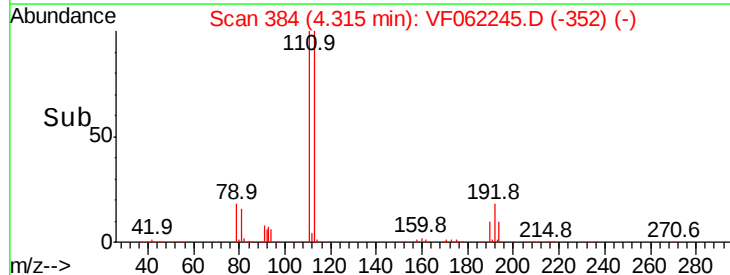
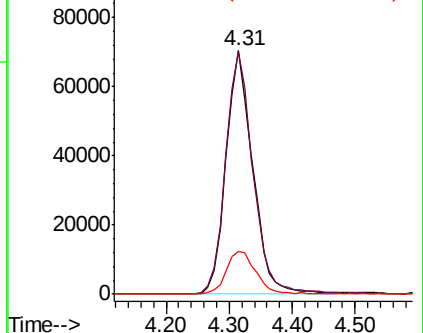
192 19.2 14.7 22.1

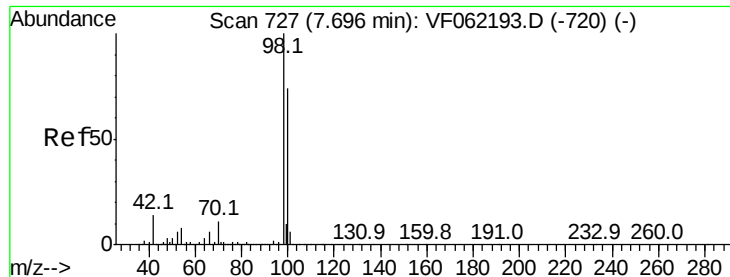


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 33.232 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062245.D

Acq: 22 Apr 2019 15:29

Instrument :

MSVOA_F

ClientSampleId :

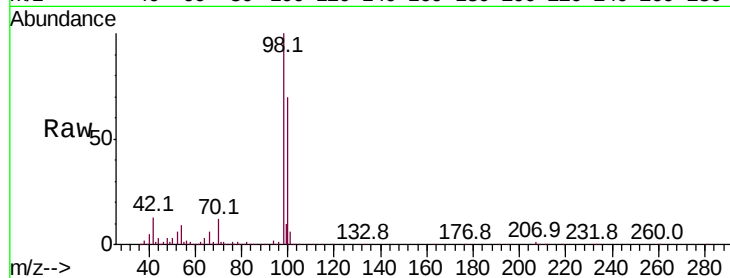
NCC-TOPSOIL-KYRE

Tot Ion: 98 Resp: 381023

Ion Ratio Lower Upper

98 100

100 68.8 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.72

150000

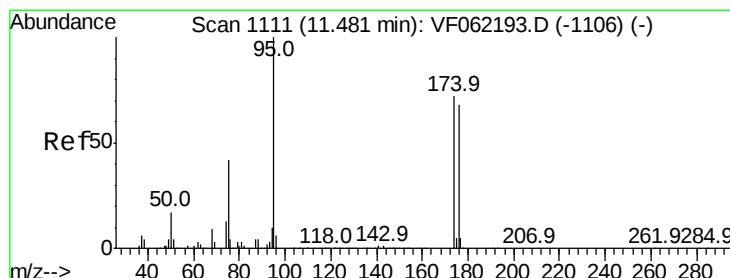
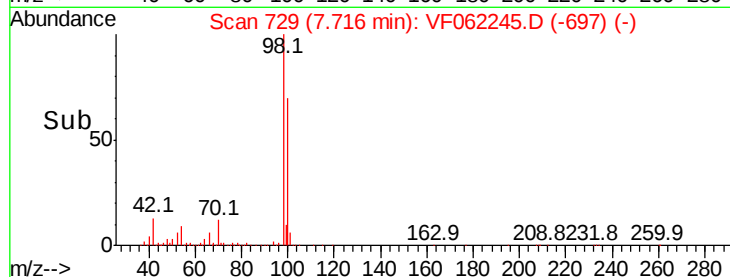
100000

50000

0

7.60 7.70 7.80 7.90

Time-->



#62

4-Bromofluorobenzene

Concen: 32.171 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062245.D

Acq: 22 Apr 2019 15:29

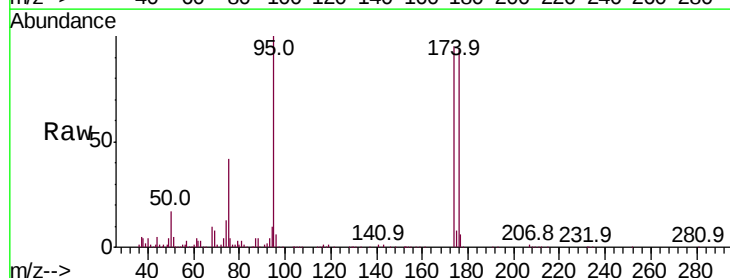
Tgt Ion: 95 Resp: 141894

Ion Ratio Lower Upper

95 100

174 90.6 0.0 159.4

176 89.5 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

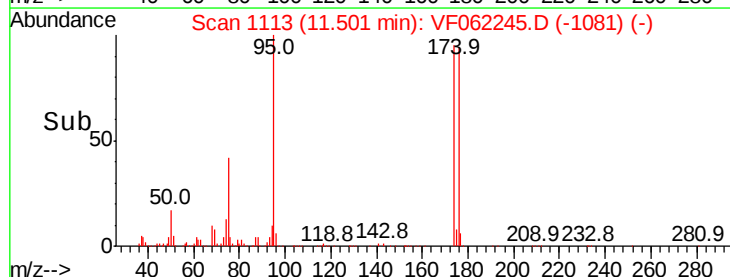
40000

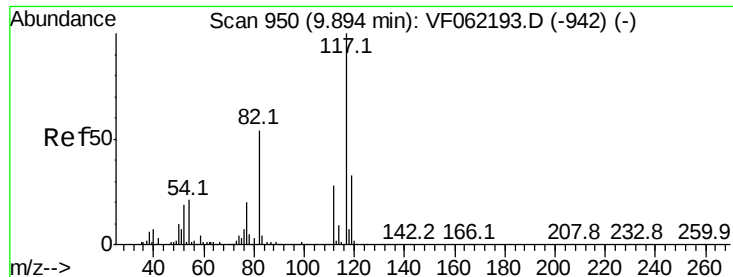
20000

0

11.40 11.50 11.60

Time-->

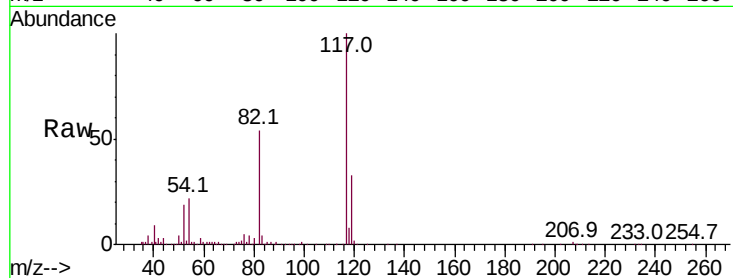




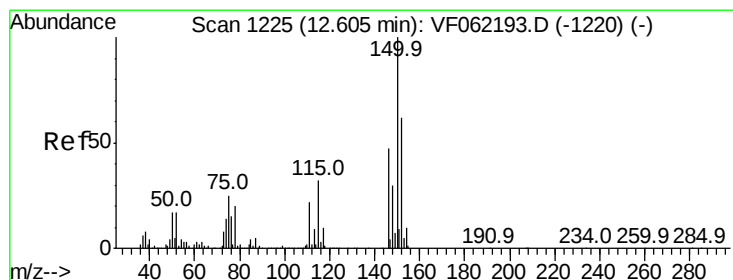
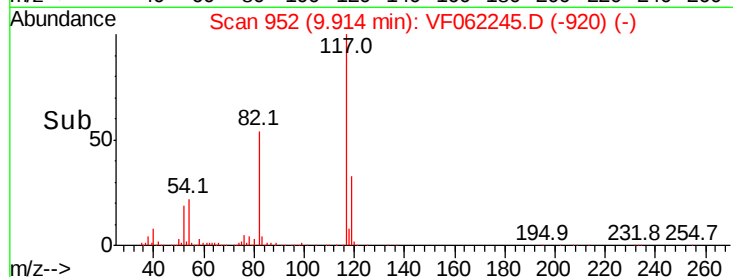
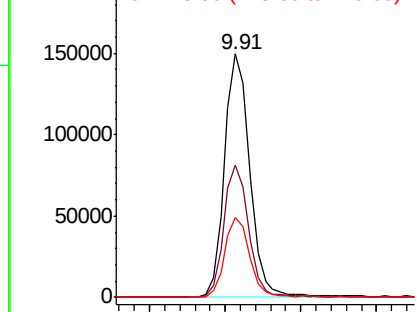
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062245.D
Acq: 22 Apr 2019 15:29

Instrument :
MSVOA_F
ClientSampleId :
NCC-TOPSOIL-KYRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.2	64.8
119	32.7	26.2	39.4

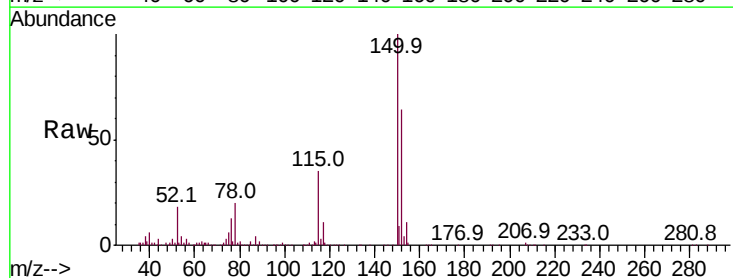


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

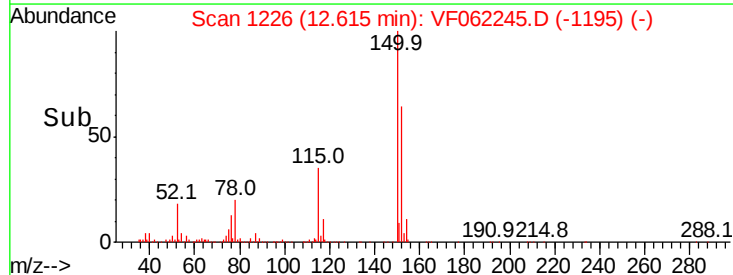
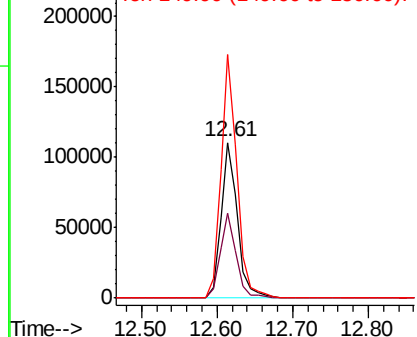


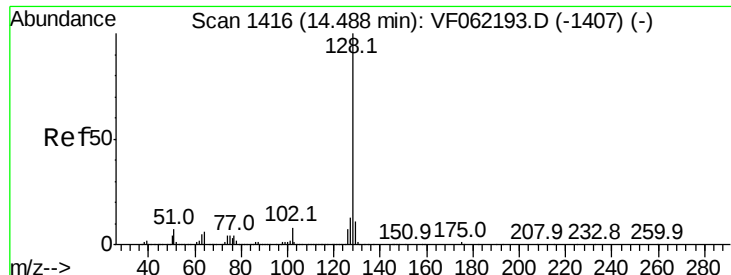
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062245.D
Acq: 22 Apr 2019 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.8	83.3
150	154.4	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





#95

Naphthalene

Concen: 2.324 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VF062245.D

Acq: 22 Apr 2019 15:29

Instrument :

MSVOA_F

ClientSampleId :

NCC-TOPSOIL-KYRE

Tot Ion:128 Resp: 18815

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

129 11.4 9.2 13.8

