

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061374.D
 Acq On : 11 Jan 2019 18:06
 Operator : VA/AP
 Sample : K1118-05
 Misc : 5.62g/5mL/MSVOA-F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TESTPIT-SOIL-1

Quant Time: Jan 12 04:20:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

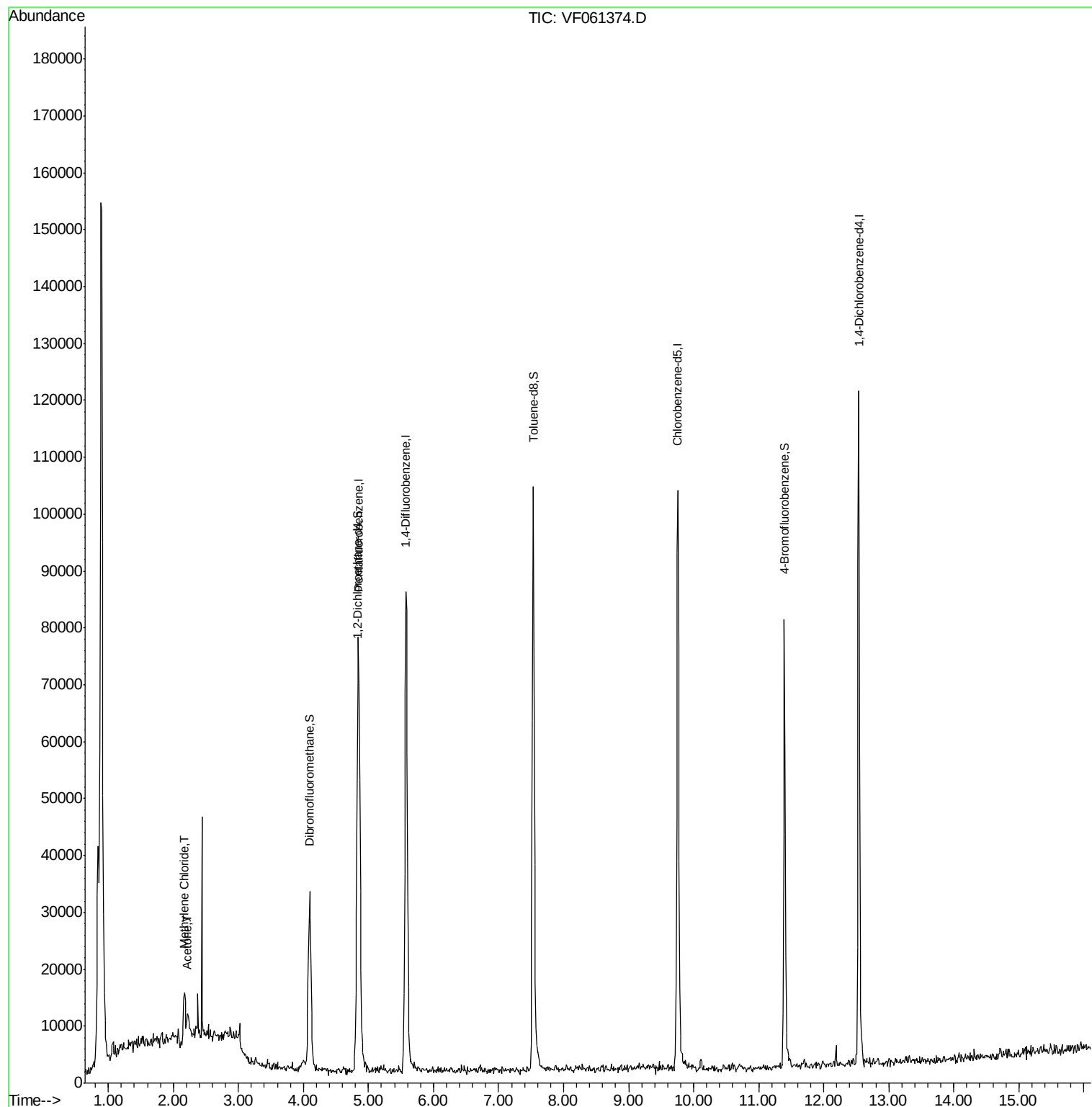
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	62488	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	99781	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	76561	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	27713	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	19465	27.99	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	55.98%	
35) Dibromofluoromethane	4.10	113	29655	38.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.68%	
50) Toluene-d8	7.54	98	90125	39.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	79.78%	
62) 4-Bromofluorobenzene	11.40	95	30468	30.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	61.76%	
Target Compounds						
16) Acetone	2.22	43	9335	57.696	ug/l	97
20) Methylene Chloride	2.17	84	4005	5.851	ug/l	96

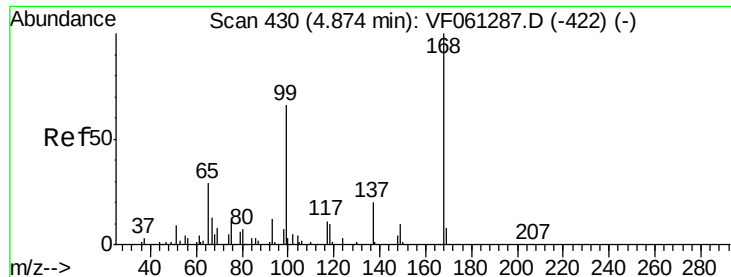
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 427

Delta R.T. -0.03 min

Lab File: VF061374.D

Acq: 11 Jan 2019 18:06

Instrument :

MSVOA_F

ClientSampleId :

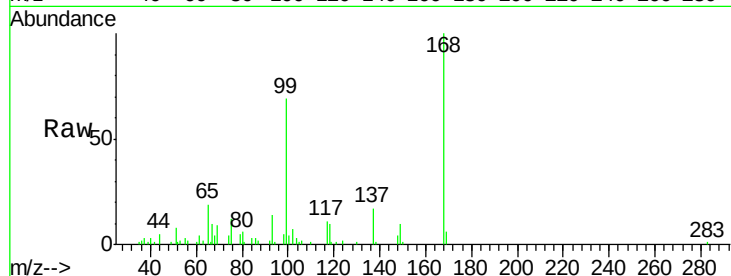
TESTPIT-SOIL-1

Tot Ion:168 Resp: 62488

Ion Ratio Lower Upper

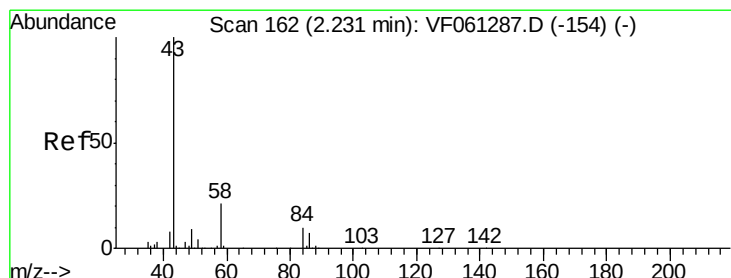
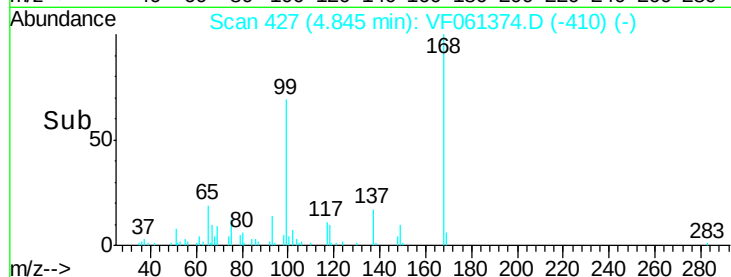
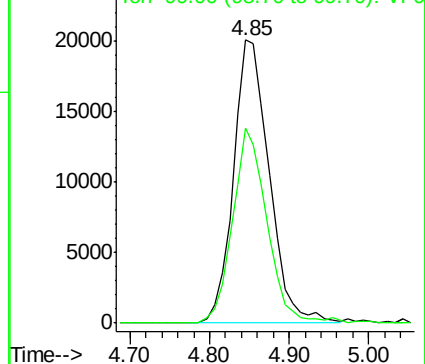
168 100

99 68.9 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 57.696 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.01 min

Lab File: VF061374.D

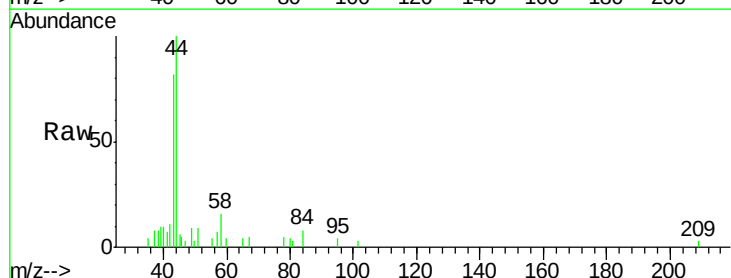
Acq: 11 Jan 2019 18:06

Tgt Ion: 43 Resp: 9335

Ion Ratio Lower Upper

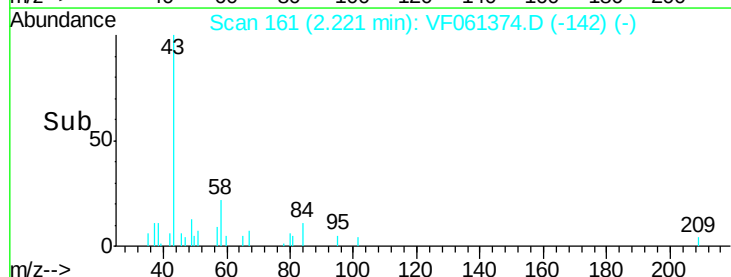
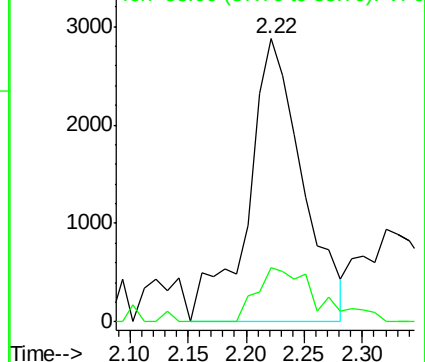
43 100

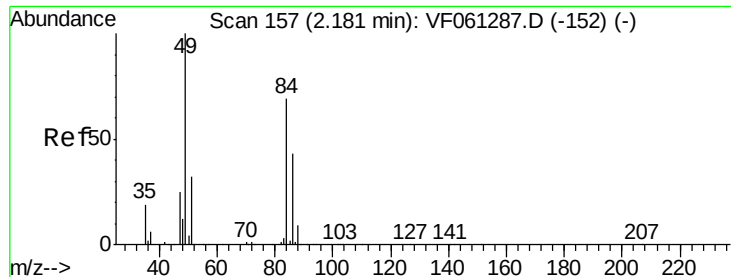
58 19.3 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

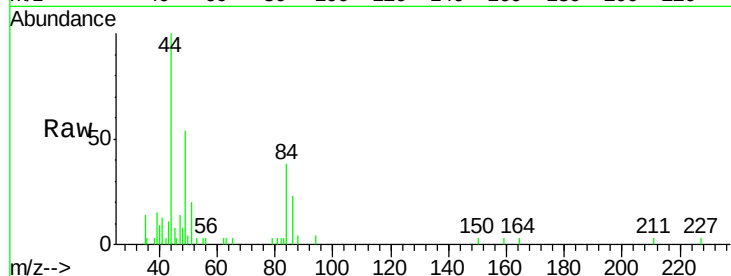




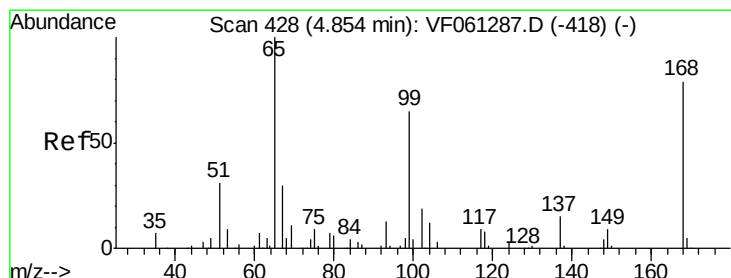
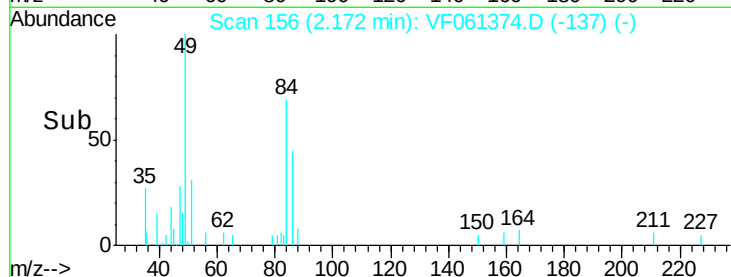
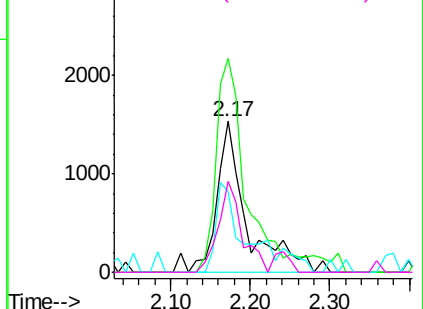
#20
Methylene Chloride
Concen: 5.851 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061374.D
Acq: 11 Jan 2019 18:06

Instrument :
MSVOA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion:	84	Resp:	4005
Ion	Ratio	Lower	Upper
84	100		
49	141.7	116.6	175.0
51	53.7	37.7	56.5
86	60.5	49.8	74.8

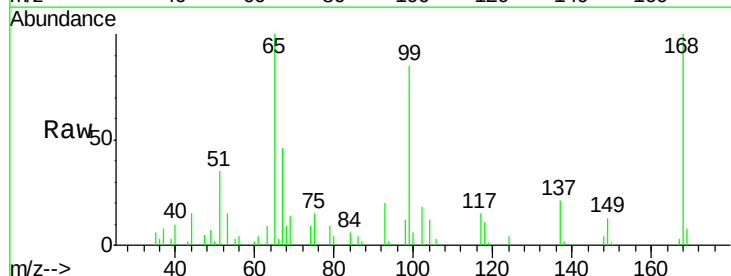


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

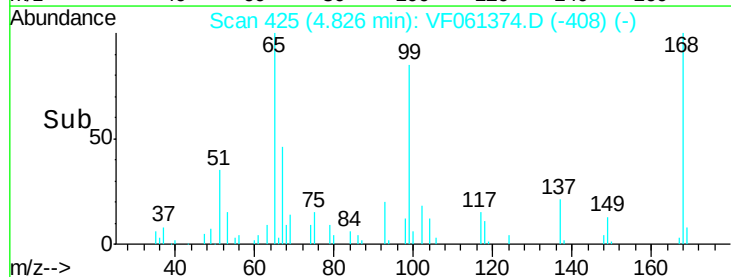
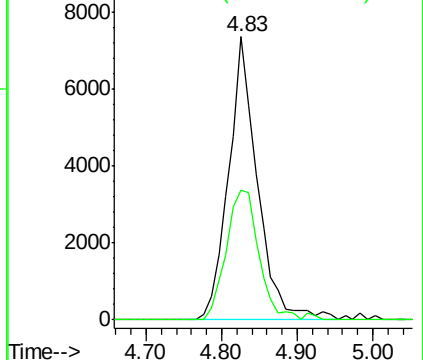


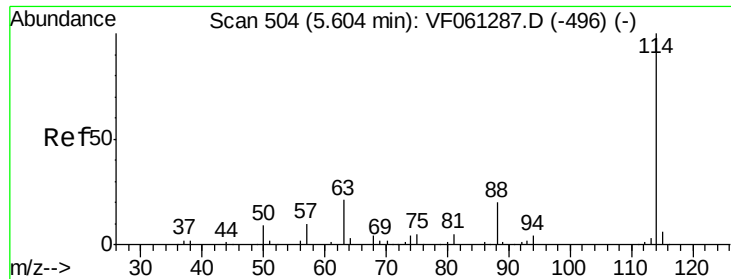
#33
1,2-Dichloroethane-d4
Concen: 27.986 ug/l
RT: 4.83 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061374.D
Acq: 11 Jan 2019 18:06

Tgt Ion:	65	Resp:	19465
Ion	Ratio	Lower	Upper
65	100		
67	46.0	0.0	98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0

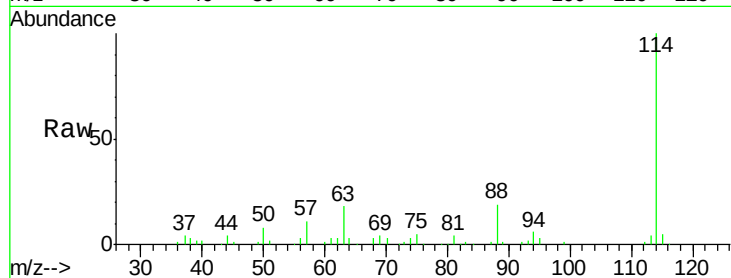




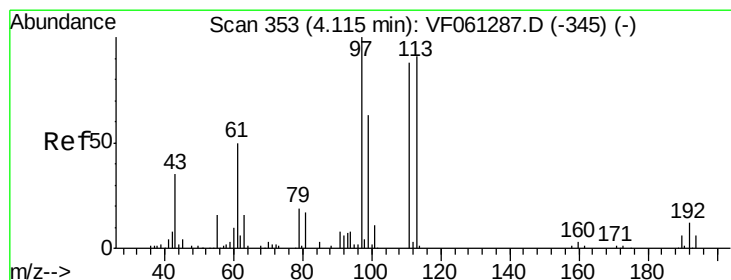
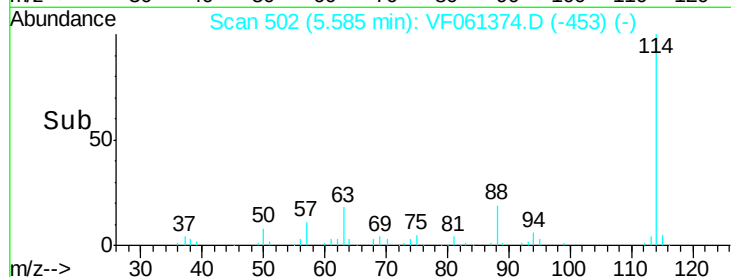
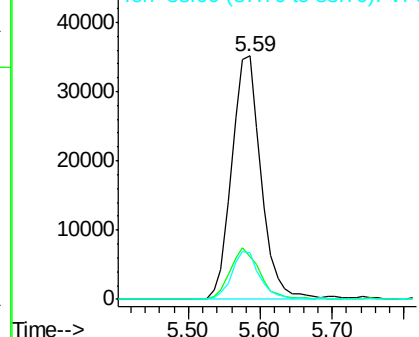
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF061374.D
Acq: 11 Jan 2019 18:06

Instrument :
MSVOA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion:114 Resp: 99781
Ion Ratio Lower Upper
114 100
63 17.7 0.0 42.8
88 19.1 0.0 40.0

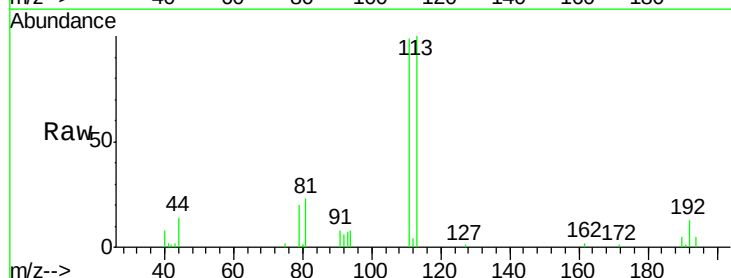


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

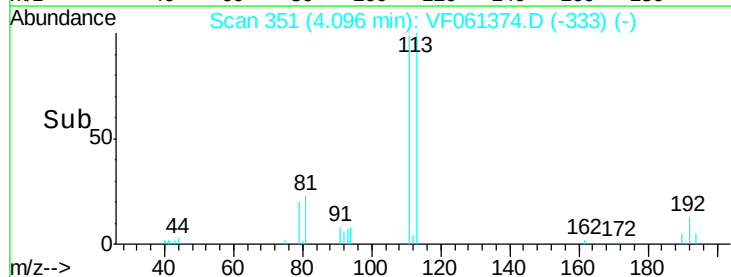
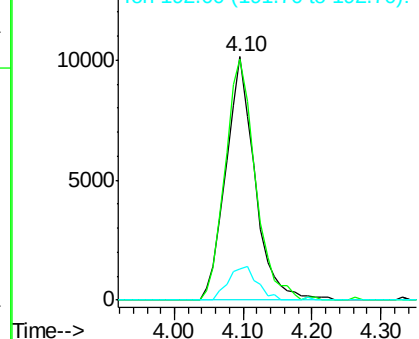


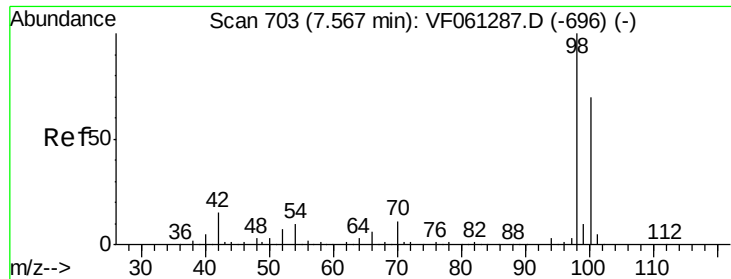
#35
Dibromofluoromethane
Concen: 38.841 ug/l
RT: 4.10 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061374.D
Acq: 11 Jan 2019 18:06

Tgt Ion:113 Resp: 29655
Ion Ratio Lower Upper
113 100
111 99.1 78.0 117.0
192 12.8 10.6 16.0



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: 39.890 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061374.D

Acq: 11 Jan 2019 18:06

Instrument :

MSVOA_F

ClientSampleId :

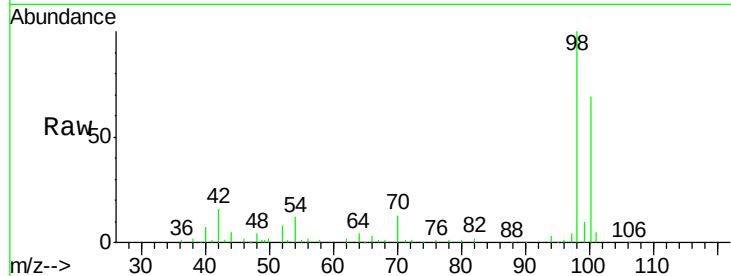
TESTPIT-SOIL-1

Tot Ion: 98 Resp: 90125

Ion Ratio Lower Upper

98 100

100 69.5 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.54

40000

30000

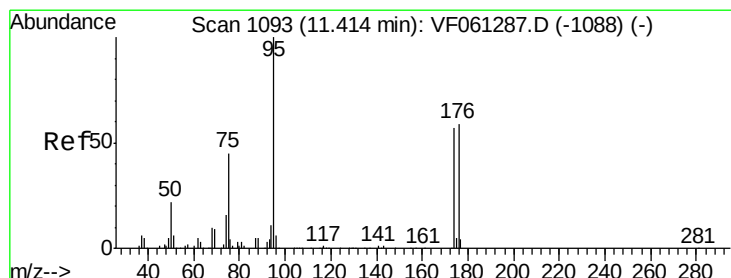
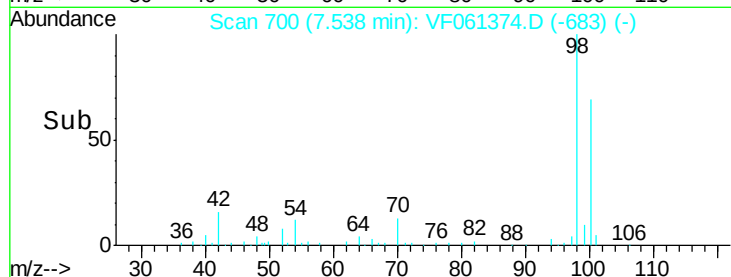
20000

10000

0

Time-->

7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 30.883 ug/l

RT: 11.40 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF061374.D

Acq: 11 Jan 2019 18:06

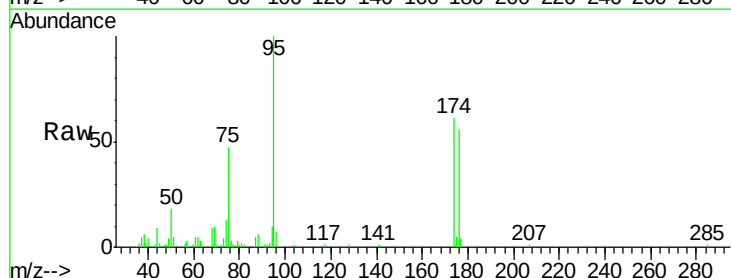
Tgt Ion: 95 Resp: 30468

Ion Ratio Lower Upper

95 100

174 60.9 0.0 114.2

176 56.0 0.0 117.8



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

25000

20000

15000

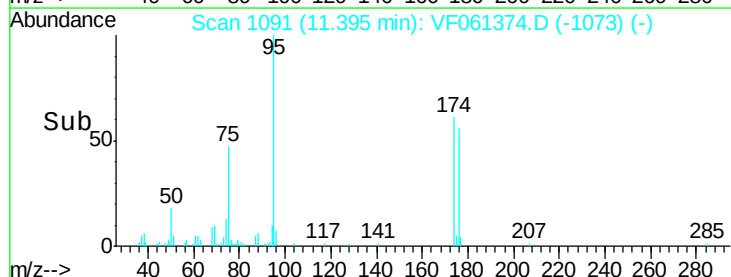
10000

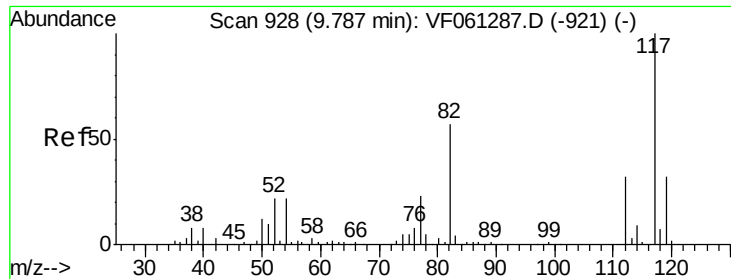
5000

0

Time-->

11.30 11.40 11.50

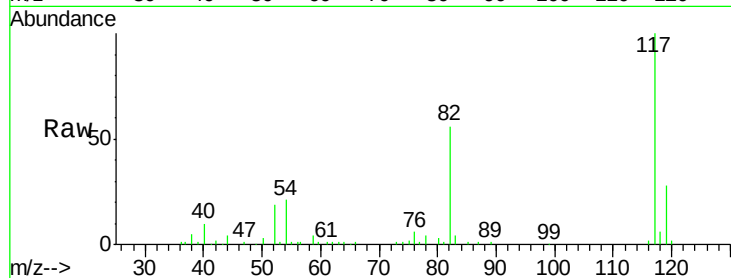




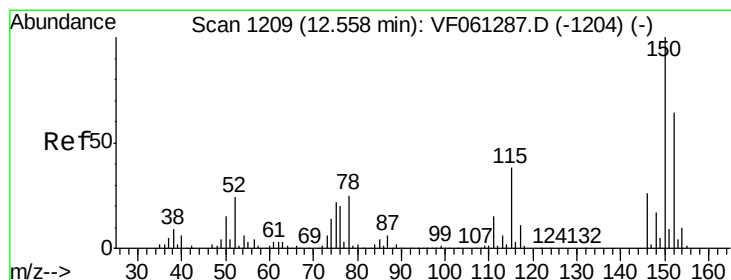
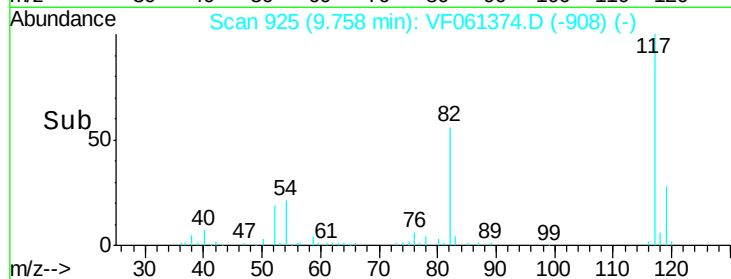
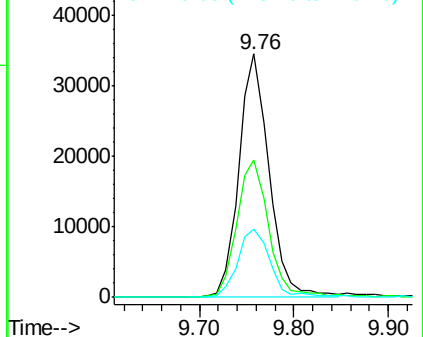
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061374.D
Acq: 11 Jan 2019 18:06

Instrument :
MSVOA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion:117 Resp: 76561
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 28.1 25.4 38.0

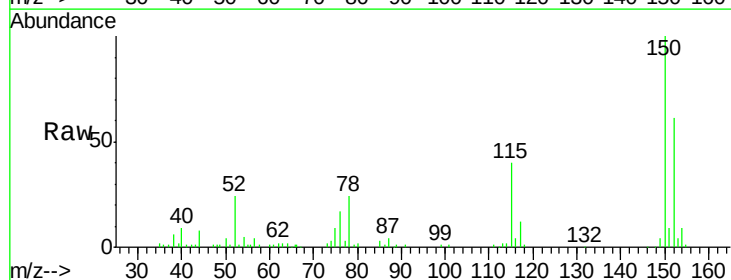


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061374.D
Acq: 11 Jan 2019 18:06

Tgt Ion:152 Resp: 27713
Ion Ratio Lower Upper
152 100
115 65.8 29.6 88.9
150 163.4 0.0 315.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

