

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055650.D
 Acq On : 18 May 2019 8:04
 Operator : JC/SP
 Sample : K2869-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ROCKY-SOIL

Quant Time: May 20 03:01:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

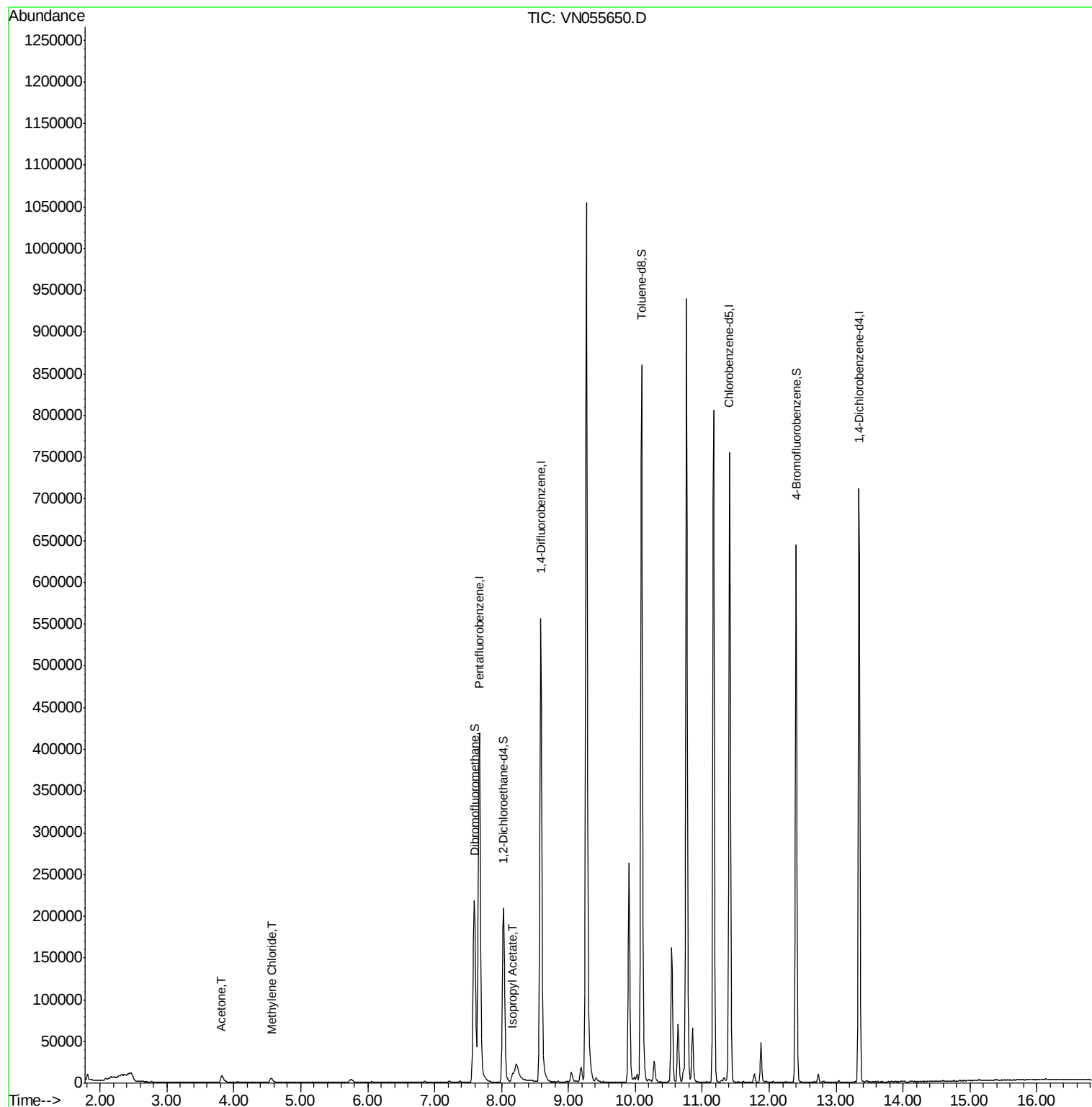
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	399726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	566839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	185009	42.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.44%	
35) Dibromofluoromethane	7.59	113	173050	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	655414	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.40	95	221396	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
16) Acetone	3.82	43	16428	9.187	ug/l	92
20) Methylene Chloride	4.56	84	4577	1.122	ug/l	93
43) Isopropyl Acetate	8.17	43	10858	1.369	ug/l	97

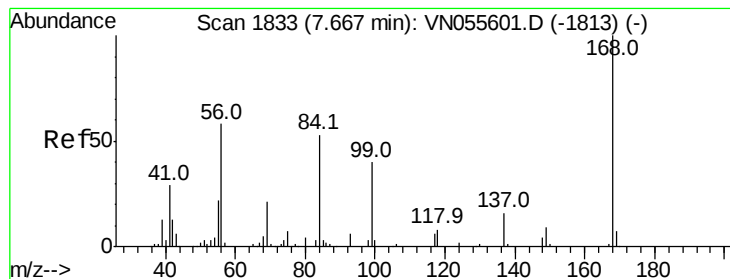
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055650.D

Acq: 18 May 2019 8:04

Instrument :

MSVOA_N

ClientSampleId :

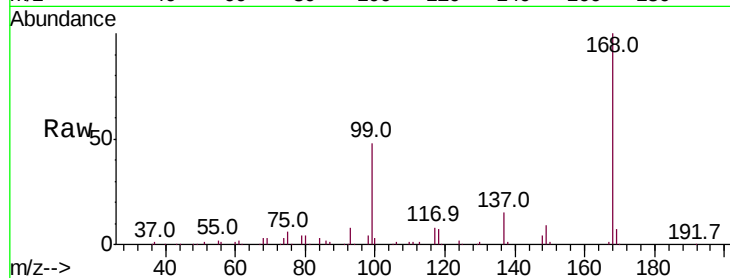
ROCKY-SOIL

Tot Ion:168 Resp: 399726

Ion Ratio Lower Upper

168 100

99 47.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055650.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055650.D (-1740) (-)

7.67

150000

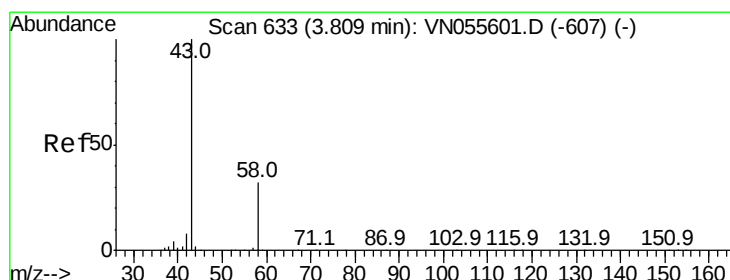
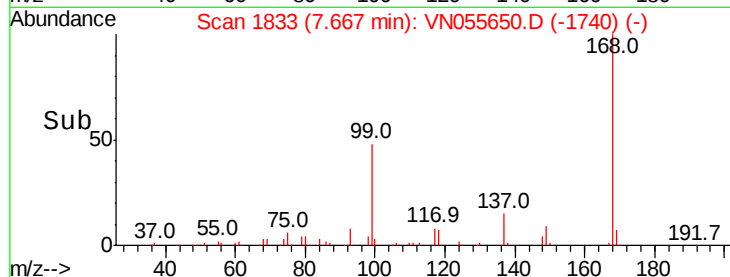
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 9.187 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055650.D

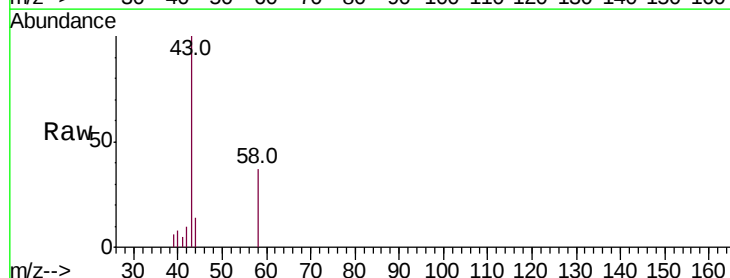
Acq: 18 May 2019 8:04

Tgt Ion: 43 Resp: 16428

Ion Ratio Lower Upper

43 100

58 37.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055650.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055650.D (-540) (-)

3.82

5000

4000

3000

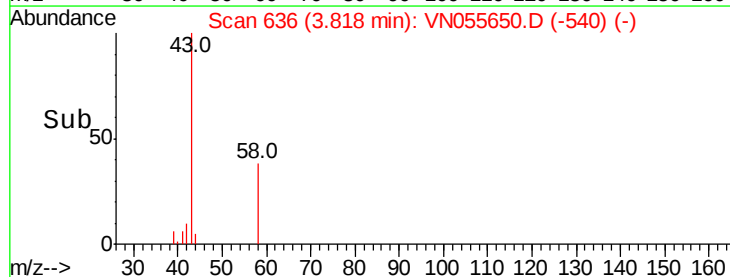
2000

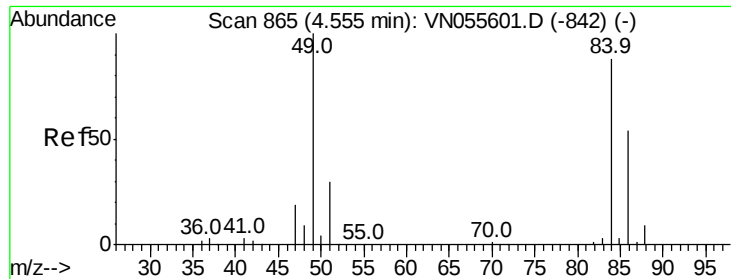
1000

0

3.70 3.80 3.90

Time-->

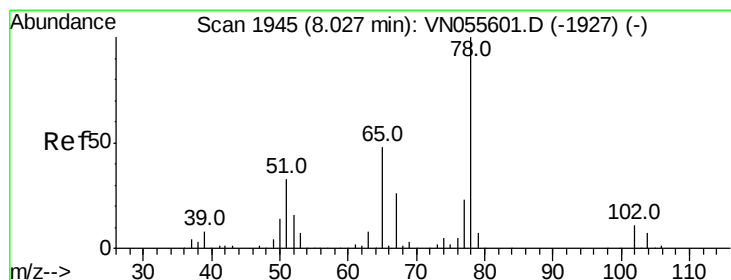
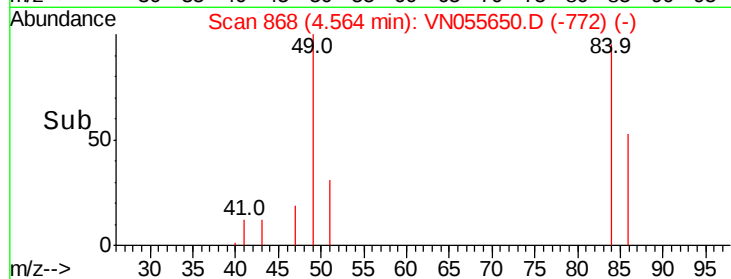
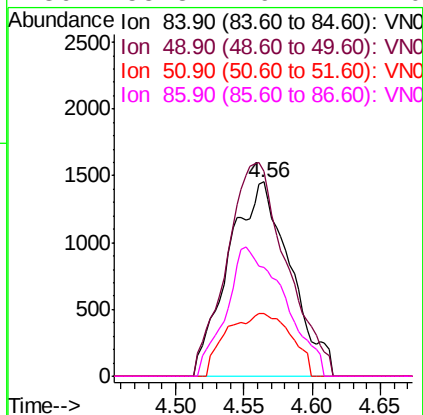
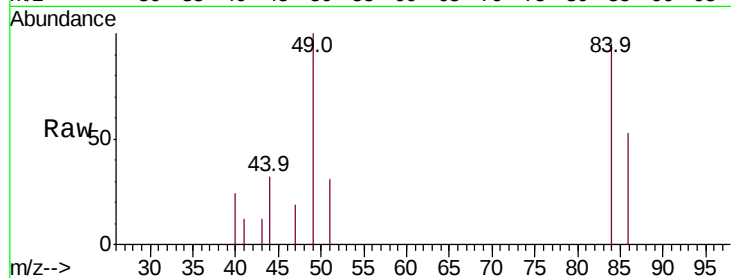




#20
Methylene Chloride
Concen: 1.122 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.01 min
Lab File: VN055650.D
Acq: 18 May 2019 8:04

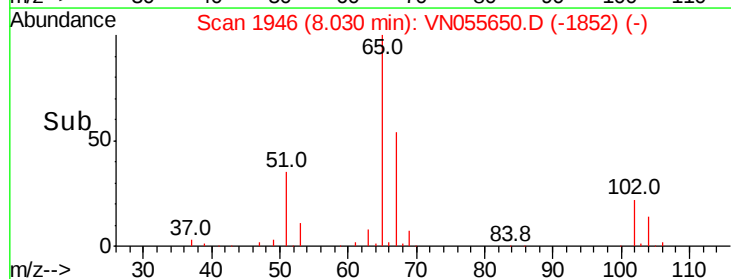
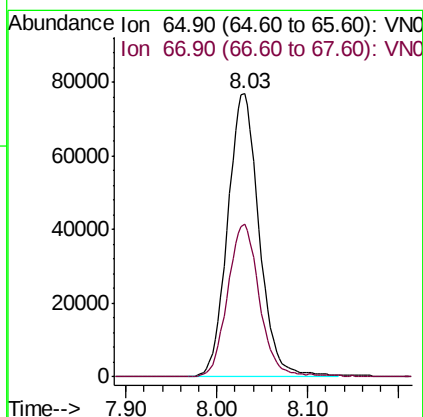
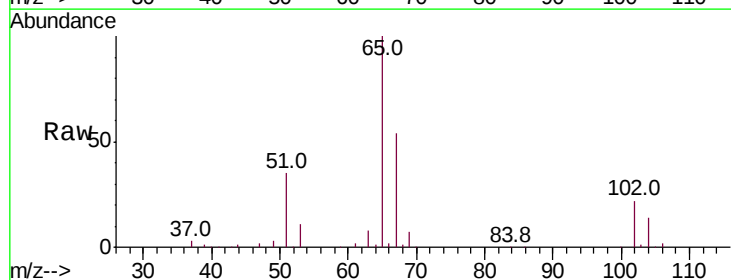
Instrument :
MSVOA_N
ClientSampled :
ROCKY-SOIL

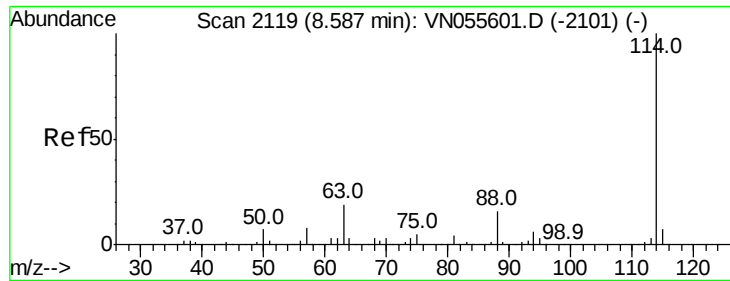
Tot Ion: 84 Resp: 4577
Ion Ratio Lower Upper
84 100
49 105.6 91.0 136.4
51 32.3 27.5 41.3
86 55.8 49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 42.222 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055650.D
Acq: 18 May 2019 8:04

Tgt Ion: 65 Resp: 185009
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.6

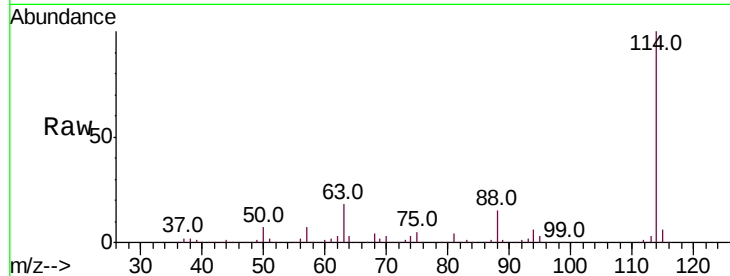




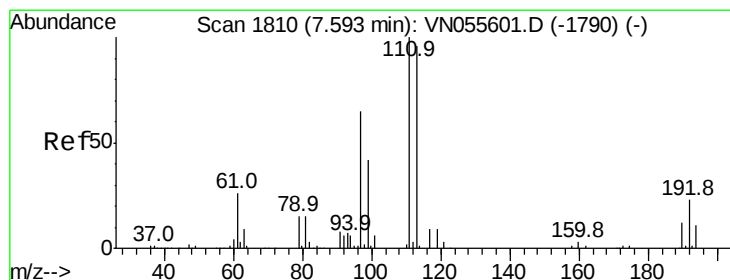
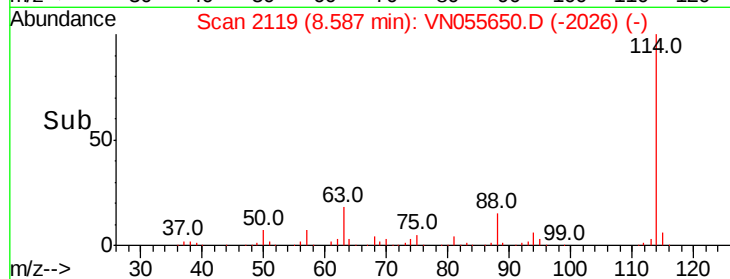
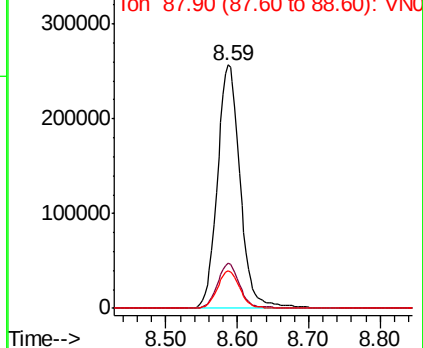
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055650.D
 Acq: 18 May 2019 8:04

Instrument :
 MSVOA_N
 ClientSampleId :
 ROCKY-SOIL

Tot Ion:	114	Resp:	566839
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.2
88	15.4	0.0	31.0

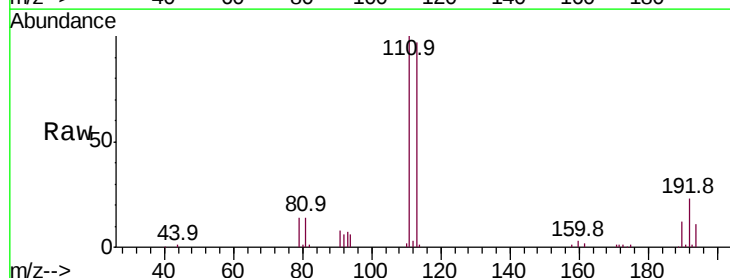


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

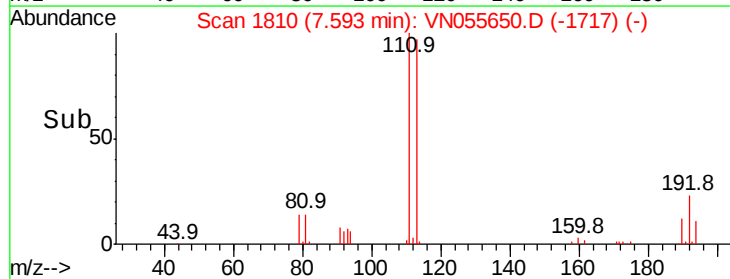
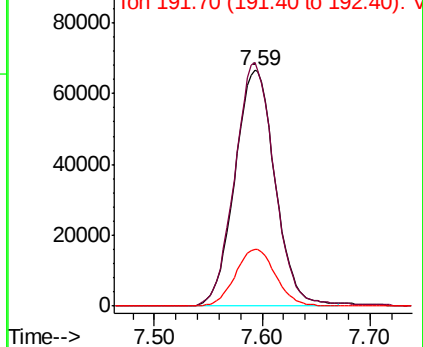


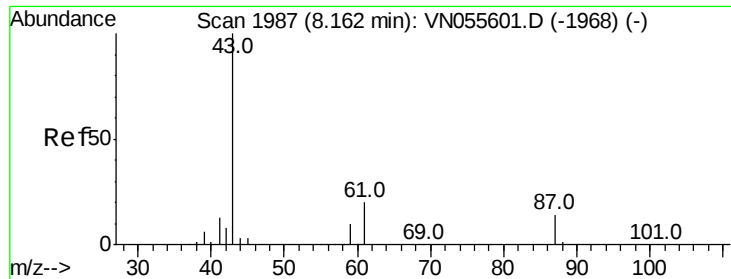
#35
 Dibromofluoromethane
 Concen: 48.059 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055650.D
 Acq: 18 May 2019 8:04

Tgt Ion:	113	Resp:	173050
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.5	123.7
192	24.1	18.7	28.1



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





#43

Isopropyl Acetate

Concen: 1.369 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055650.D

Acq: 18 May 2019 8:04

Instrument :

MSVOA_N

ClientSampled :

ROCKY-SOIL

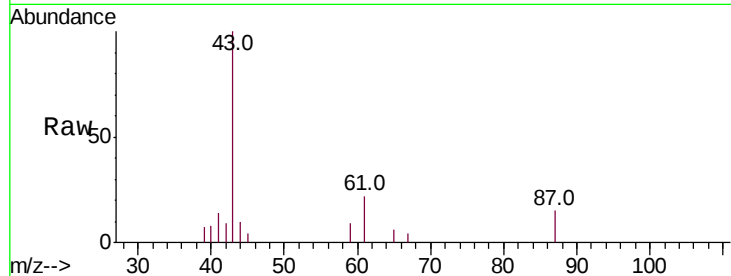
Tot Ion: 43 Resp: 10858

Ion Ratio Lower Upper

43 100

61 28.7 22.1 33.1

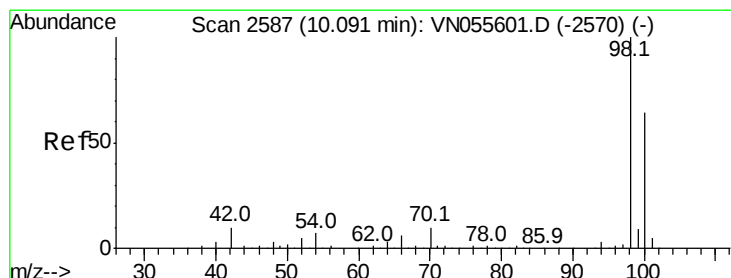
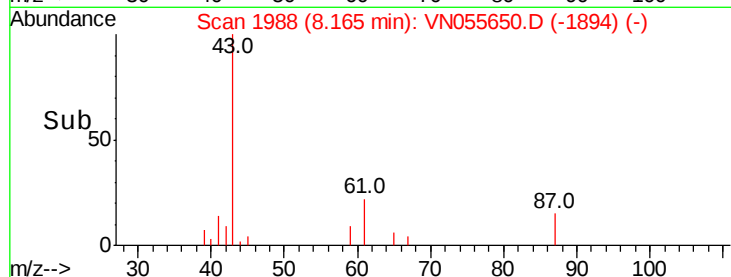
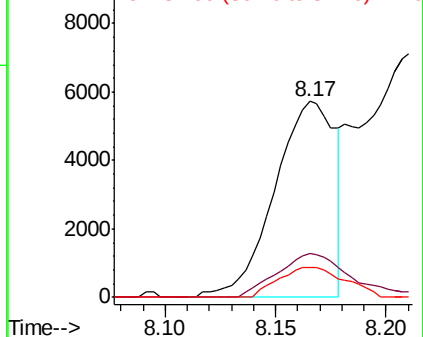
87 16.8 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.139 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055650.D

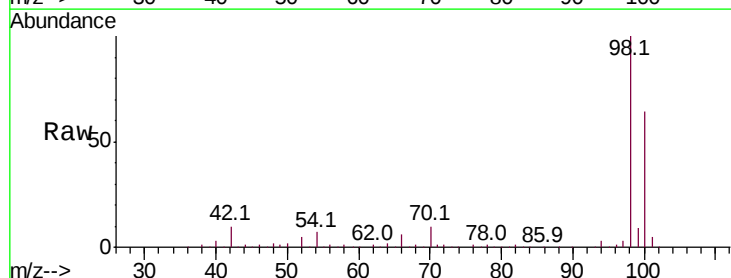
Acq: 18 May 2019 8:04

Tgt Ion: 98 Resp: 655414

Ion Ratio Lower Upper

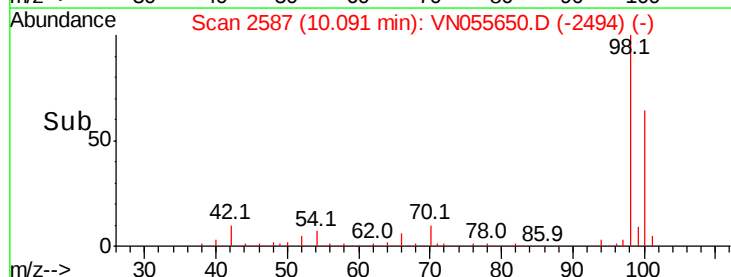
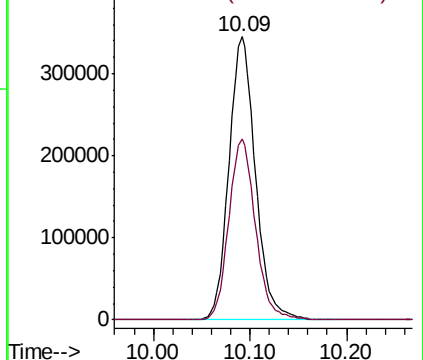
98 100

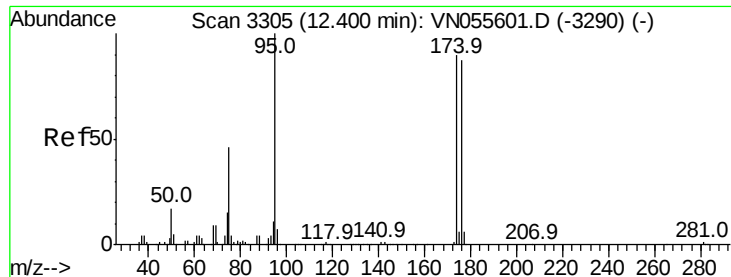
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.090 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055650.D

Acq: 18 May 2019 8:04

Instrument :

MSVOA_N

ClientSampleId :

ROCKY-SOIL

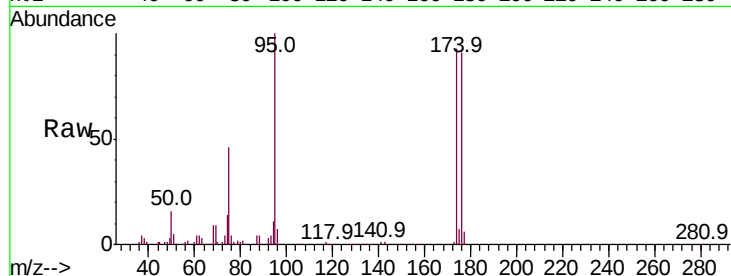
Tot Ion: 95 Resp: 221396

Ion Ratio Lower Upper

95 100

174 93.8 0.0 180.6

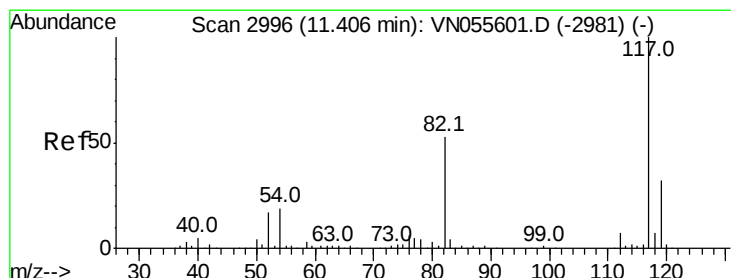
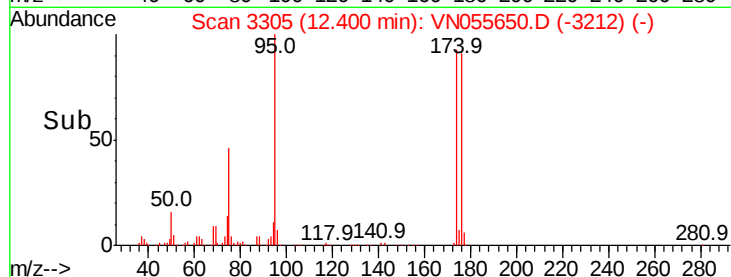
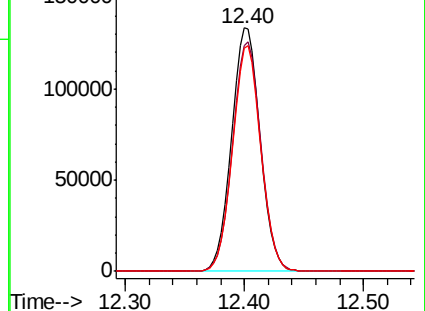
176 91.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055650.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055650.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055650.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055650.D

Acq: 18 May 2019 8:04

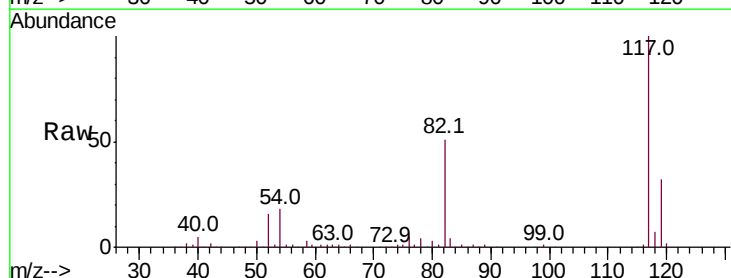
Tgt Ion: 117 Resp: 488836

Ion Ratio Lower Upper

117 100

82 50.9 42.3 63.5

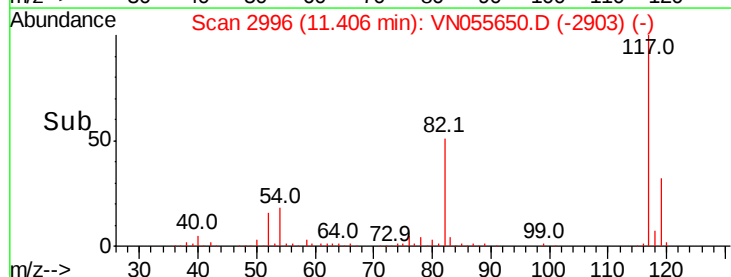
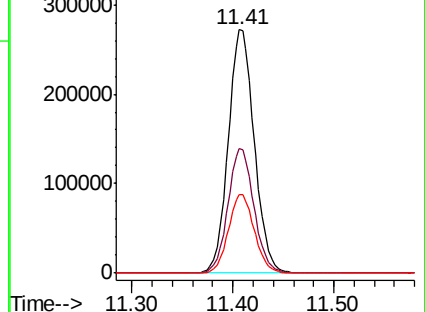
119 32.2 25.4 38.2

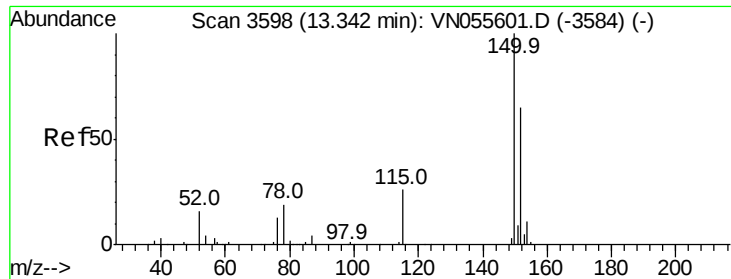


Abundance Ion 116.90 (116.60 to 117.60): VN055650.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055650.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055650.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055650.D

Acq: 18 May 2019 8:04

Instrument :

MSVOA_N

ClientSampleId :

ROCKY-SOIL

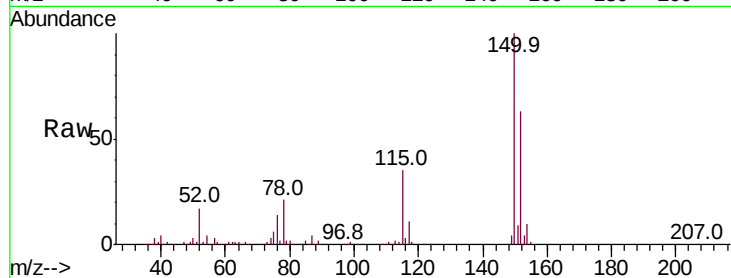
Tot Ion:152 Resp: 207645

Ion Ratio Lower Upper

152 100

115 54.7 28.1 84.2

150 156.8 0.0 348.0



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

