

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056342.D
 Acq On : 17 Jun 2019 15:58
 Operator : JC/SP
 Sample : K3389-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-SOIL-PILE

Quant Time: Jun 18 05:26:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

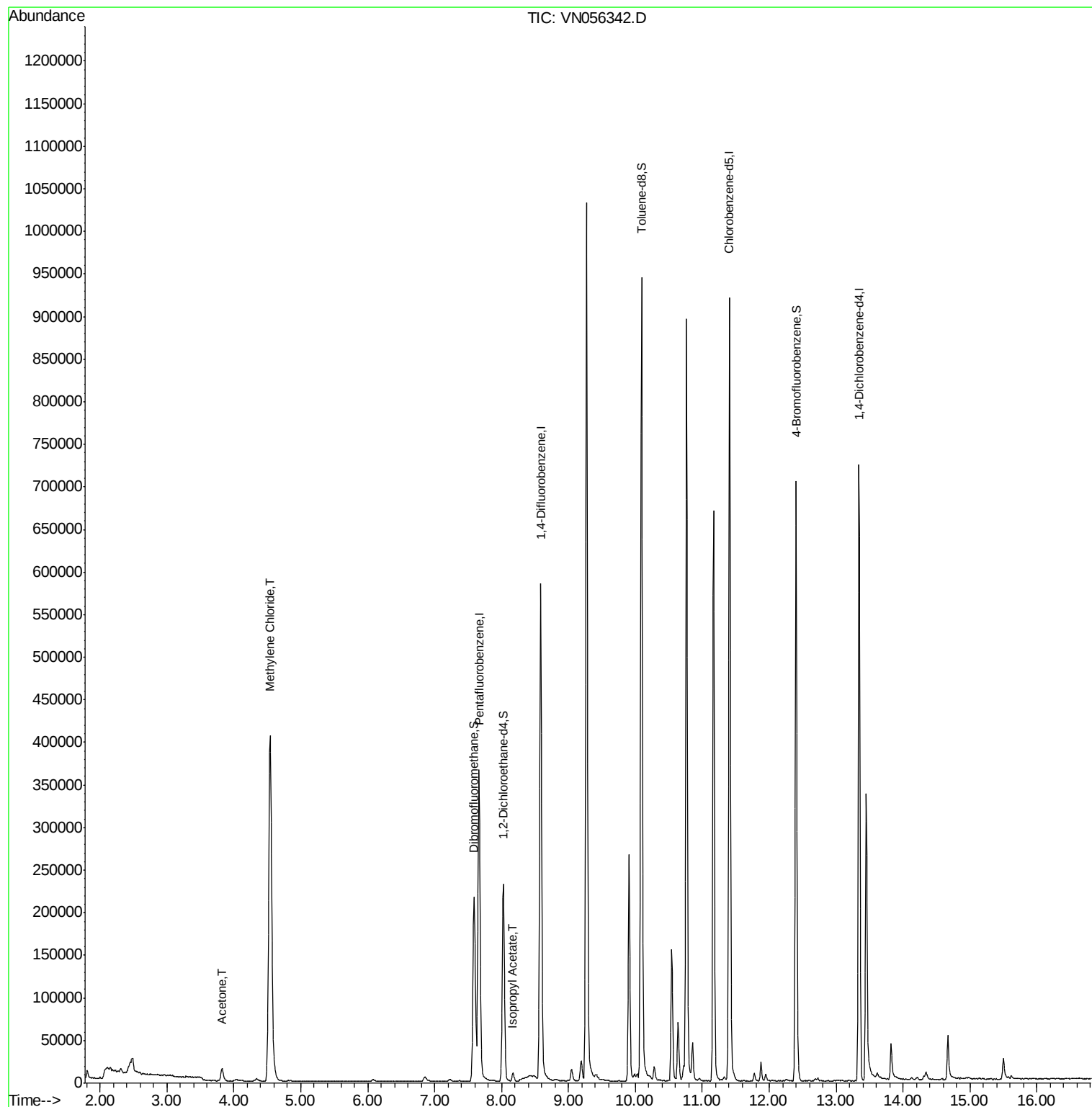
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	338103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	570980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	588888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	194525	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	7.59	113	168979	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
50) Toluene-d8	10.09	98	714652	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.40	95	253581	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
Target Compounds						
16) Acetone	3.82	43	23299	11.091	ug/l	95
20) Methylene Chloride	4.54	84	334059	90.059	ug/l	98
43) Isopropyl Acetate	8.17	43	11572	1.486	ug/l	96

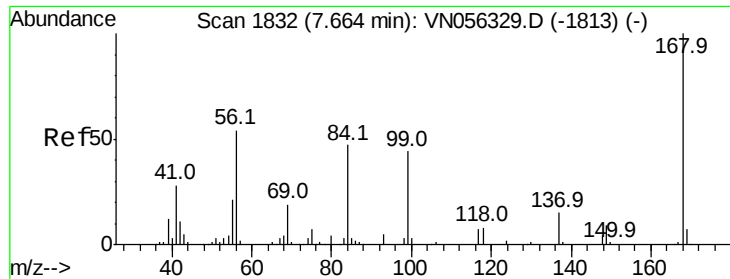
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061719\
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QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056342.D

Acq: 17 Jun 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

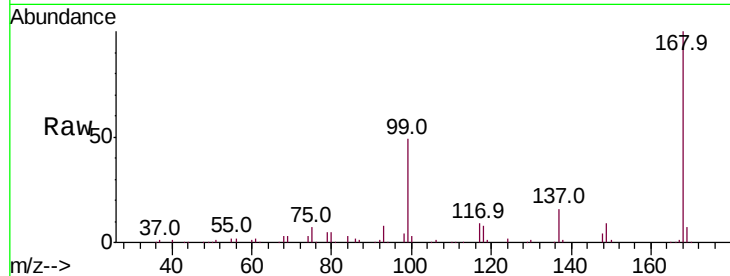
GS-SOIL-PILE

Tot Ion:168 Resp: 338103

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056342.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056342.D (-1739) (-)

7.66

150000

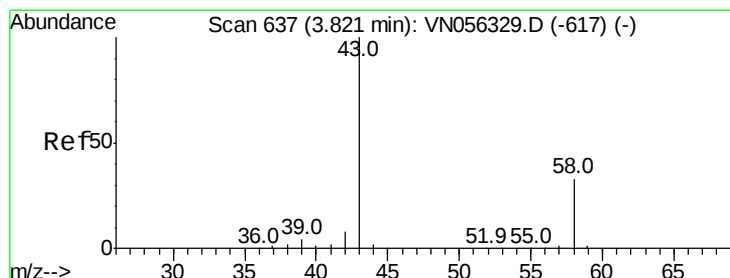
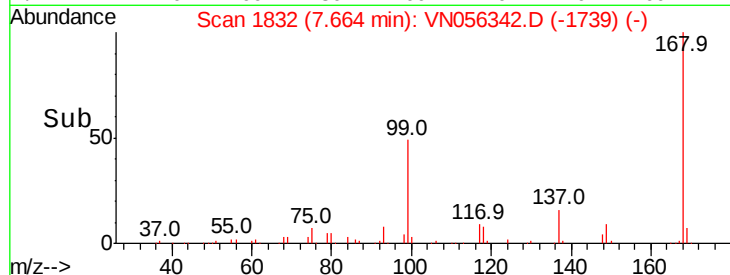
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.091 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056342.D

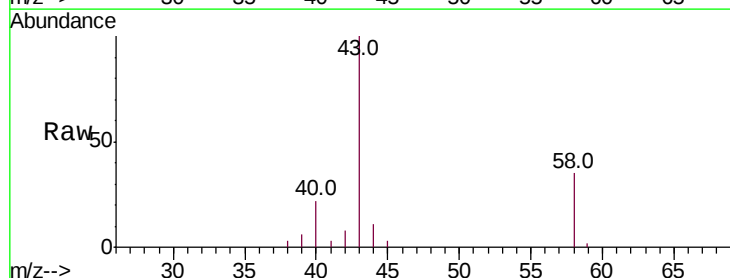
Acq: 17 Jun 2019 15:58

Tgt Ion: 43 Resp: 23299

Ion Ratio Lower Upper

43 100

58 35.9 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN056342.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN056342.D (-544) (-)

3.82

10000

8000

6000

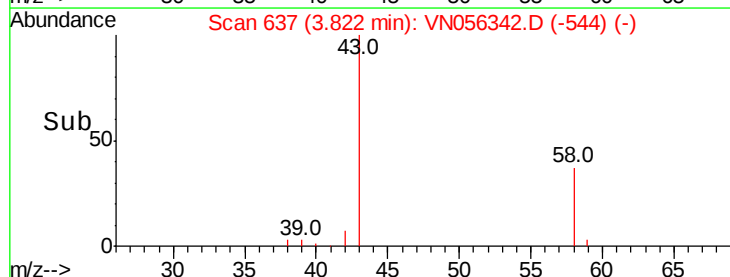
4000

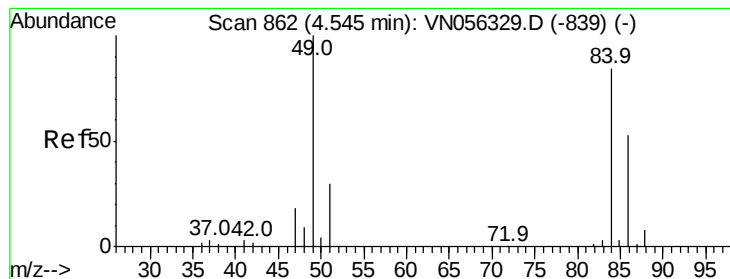
2000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 90.059 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN056342.D

Acq: 17 Jun 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

GS-SOIL-PILE

Tot Ion: 84 Resp: 334059

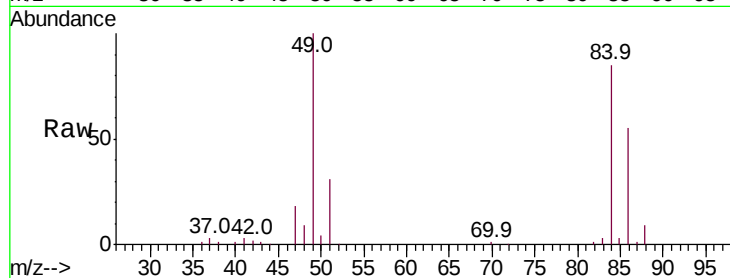
Ion Ratio Lower Upper

84 100

49 117.3 95.0 142.6

51 36.5 28.2 42.4

86 64.4 50.6 75.8

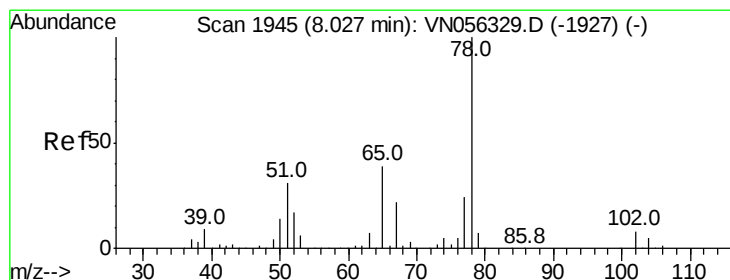
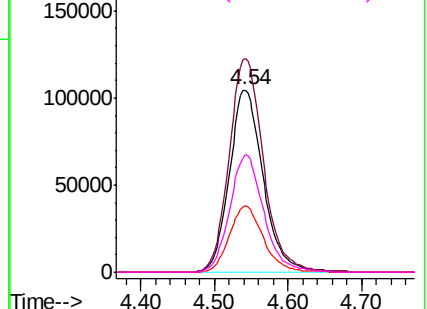
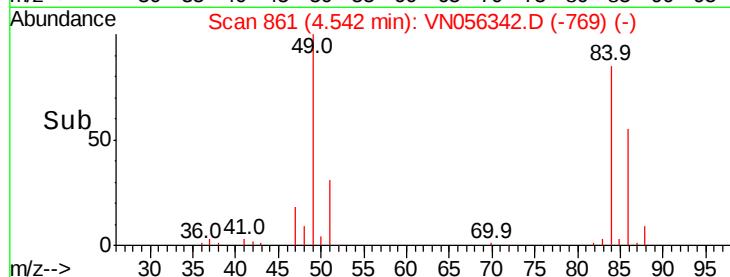


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.169 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056342.D

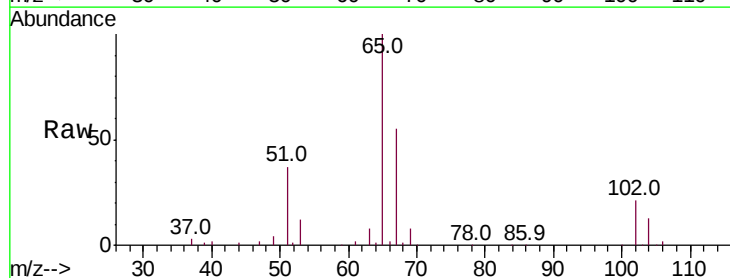
Acq: 17 Jun 2019 15:58

Tgt Ion: 65 Resp: 194525

Ion Ratio Lower Upper

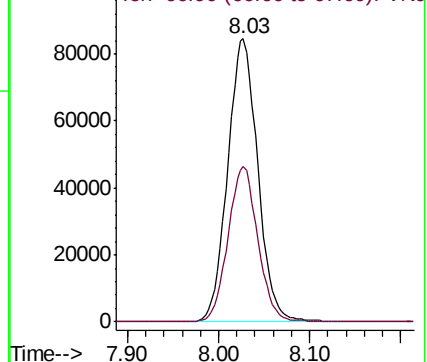
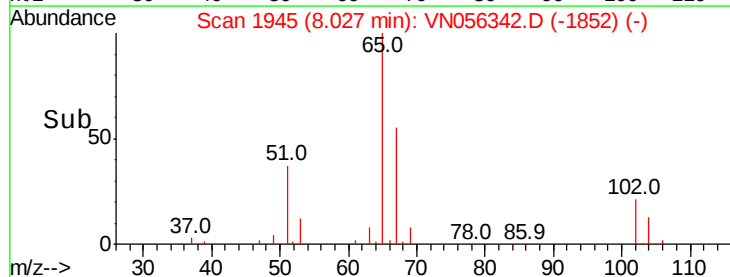
65 100

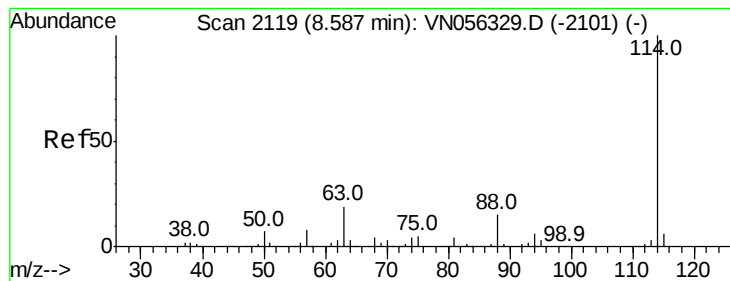
67 54.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN056342.D

Acq: 17 Jun 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

GS-SOIL-PILE

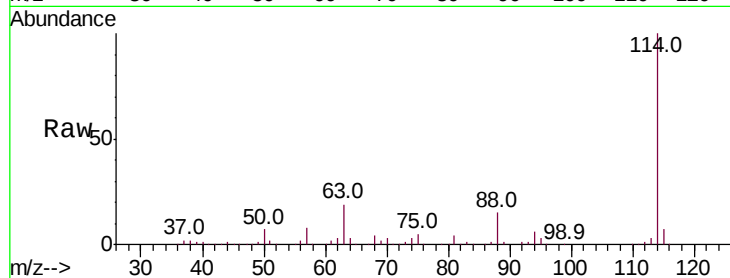
Tot Ion:114 Resp: 570980

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

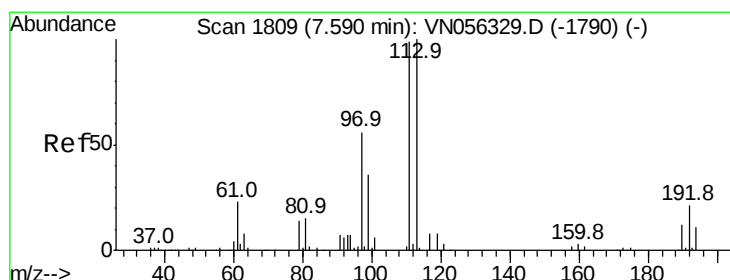
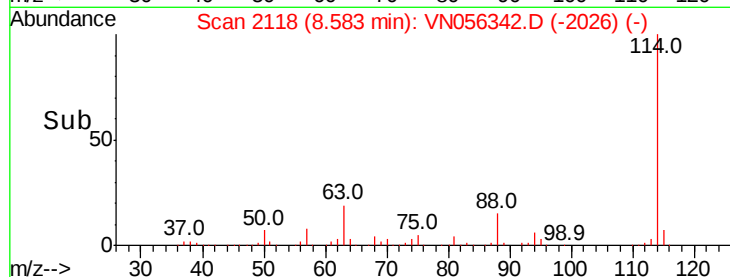
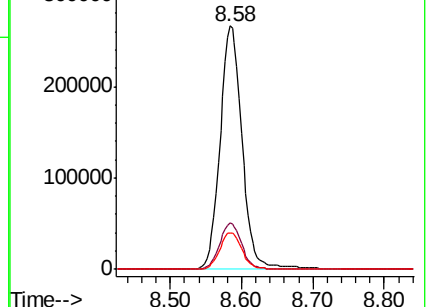
88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.149 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056342.D

Acq: 17 Jun 2019 15:58

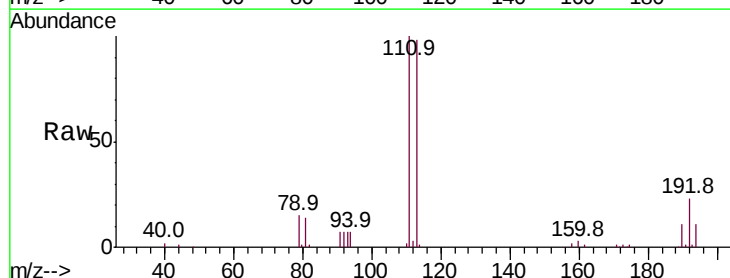
Tgt Ion:113 Resp: 168979

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

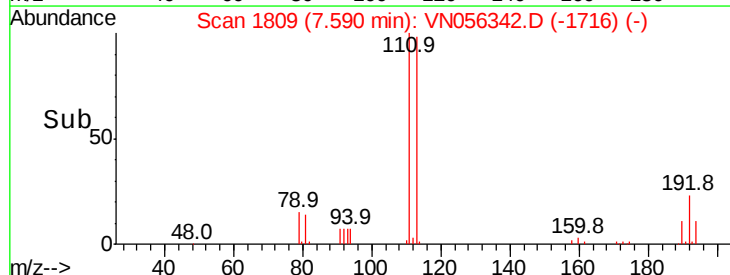
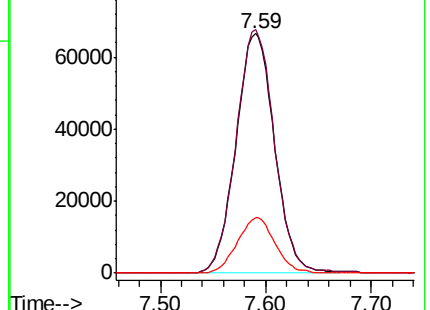
192 22.7 17.6 26.4

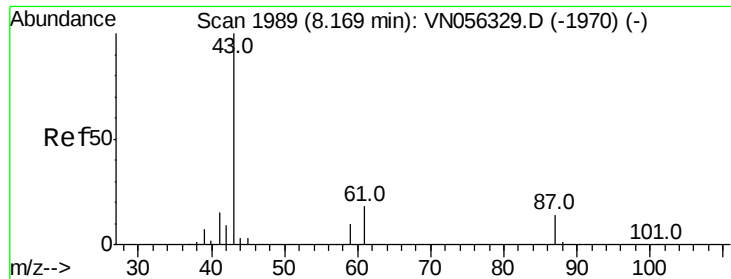


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.486 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056342.D

Acq: 17 Jun 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

GS-SOIL-PILE

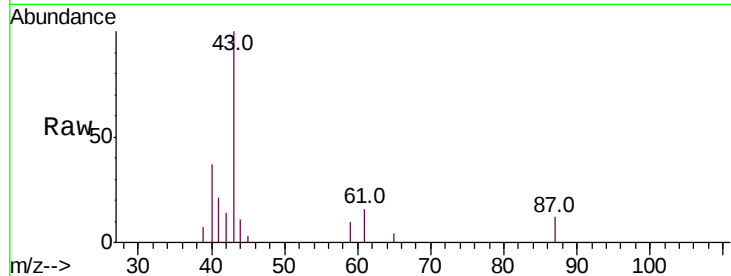
Tot Ion: 43 Resp: 11572

Ion Ratio Lower Upper

43 100

61 18.5 16.6 25.0

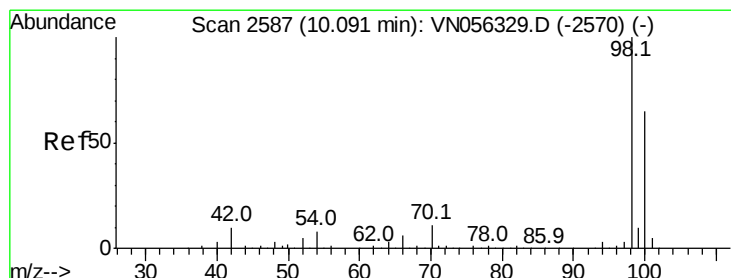
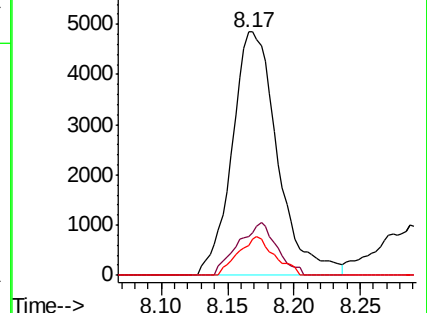
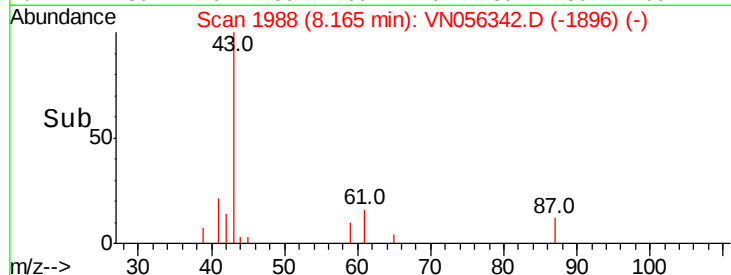
87 12.7 11.0 16.4



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: 51.090 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056342.D

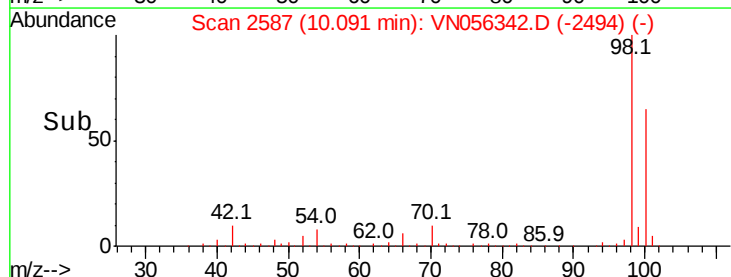
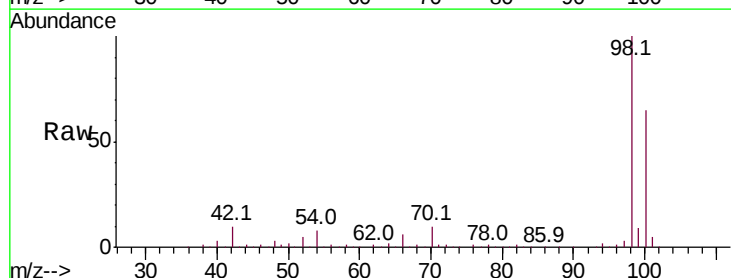
Acq: 17 Jun 2019 15:58

Tgt Ion: 98 Resp: 714652

Ion Ratio Lower Upper

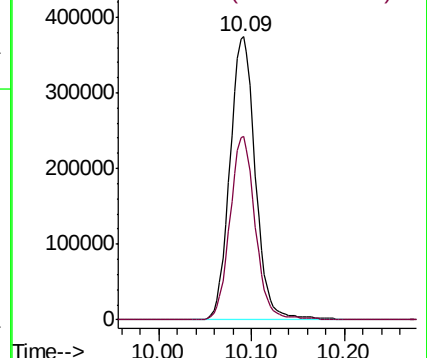
98 100

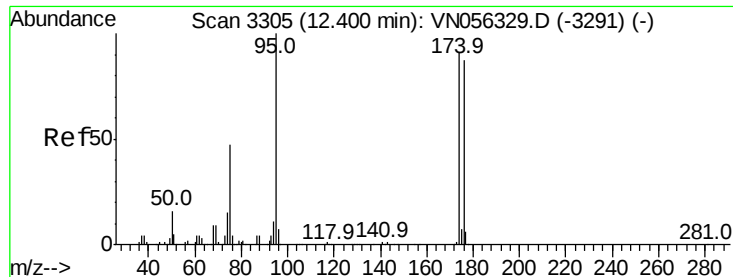
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

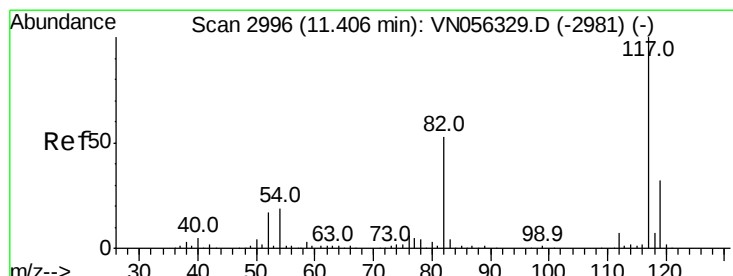
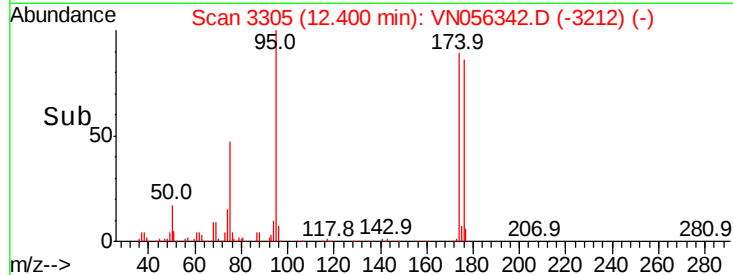
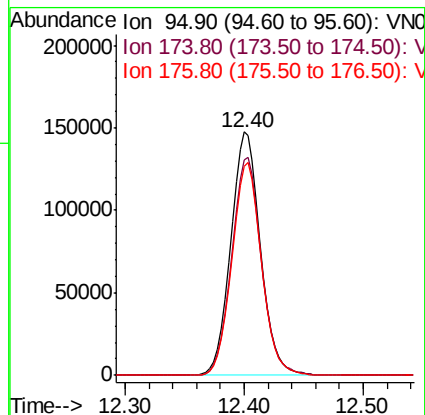
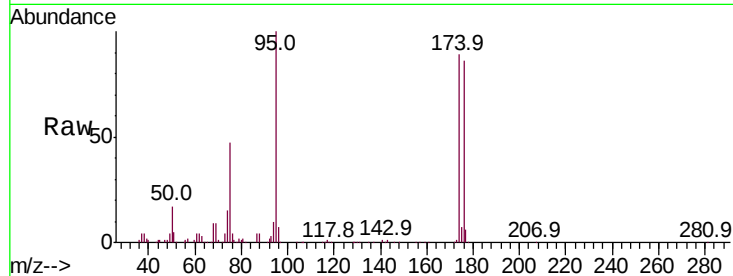




#62
4-Bromofluorobenzene
Concen: 54.706 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

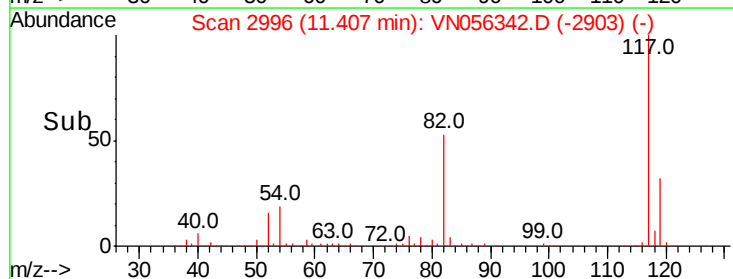
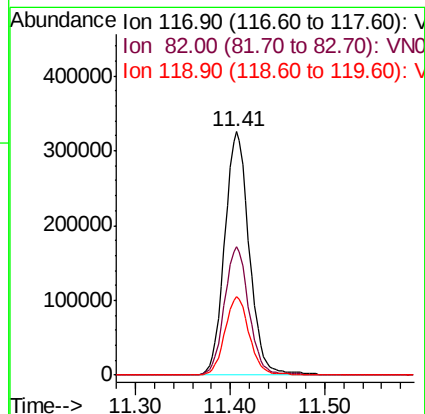
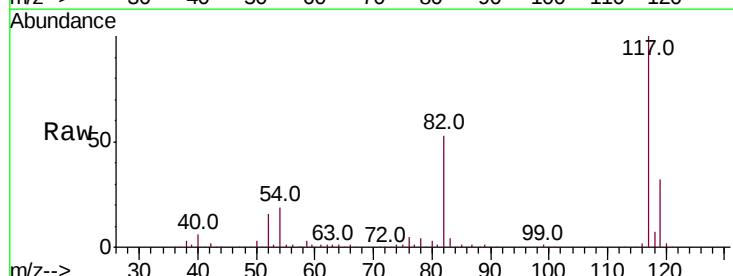
Instrument :
MSVOA_N
ClientSampleId :
GS-SOIL-PILE

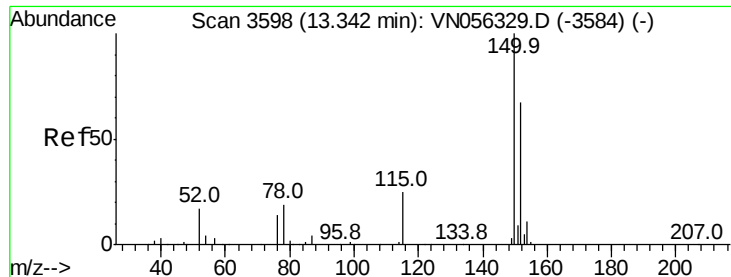
Tot Ion: 95 Resp: 253581
Ion Ratio Lower Upper
95 100
174 90.1 0.0 182.6
176 87.5 0.0 176.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 117 Resp: 588888
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056342.D

Acq: 17 Jun 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

GS-SOIL-PILE

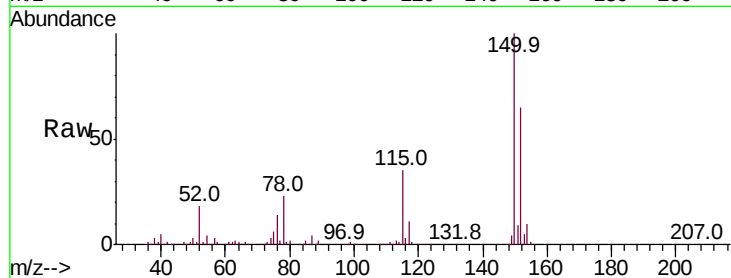
Tot Ion:152 Resp: 213789

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

150 154.9 0.0 345.8



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

