

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060766.D
 Acq On : 30 Mar 2020 13:33
 Operator : JC/MD
 Sample : L2032-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-CUTTINGS-1

Quant Time: Mar 31 08:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

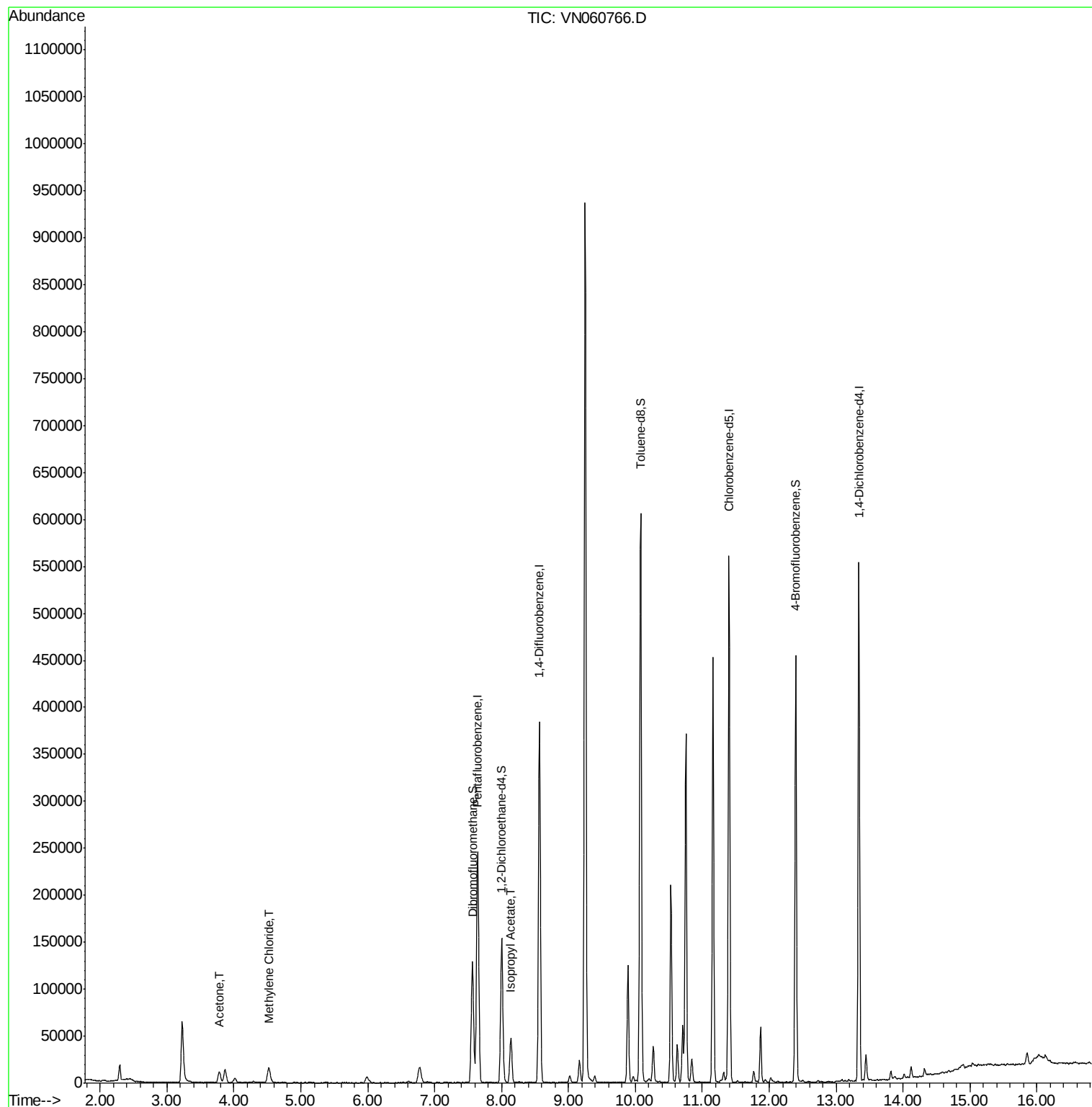
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	337194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131451	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
35) Dibromofluoromethane	7.56	113	100296	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	10.08	98	416880	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	158118	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
Target Compounds						
16) Acetone	3.78	43	21122	21.269	ug/l	96
20) Methylene Chloride	4.52	84	12222	5.003	ug/l	99
43) Isopropyl Acetate	8.14	43	57588	9.898	ug/l #	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060766.D

Acq: 30 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

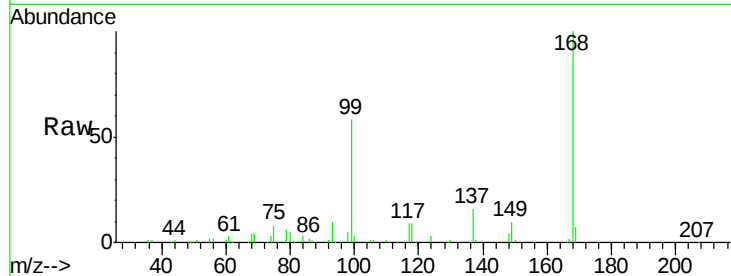
SOIL-CUTTINGS-1

Tot Ion:168 Resp: 204230

Ion Ratio Lower Upper

168 100

99 57.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

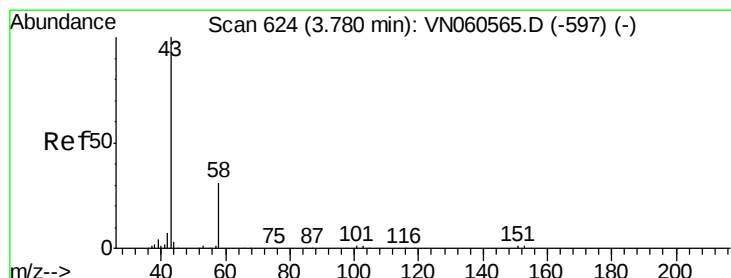
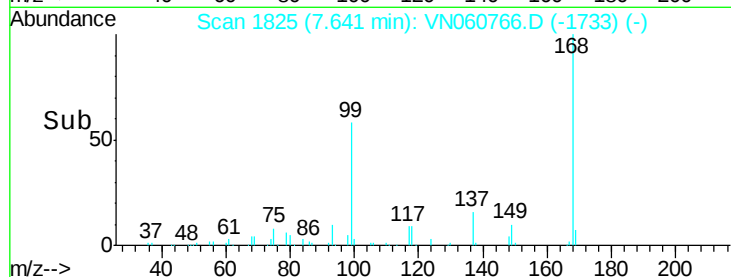
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 21.269 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060766.D

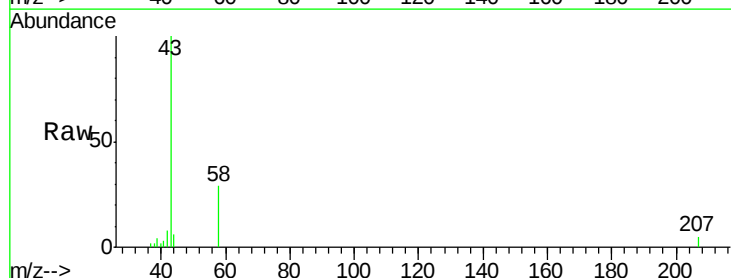
Acq: 30 Mar 2020 13:33

Tgt Ion: 43 Resp: 21122

Ion Ratio Lower Upper

43 100

58 29.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

6000

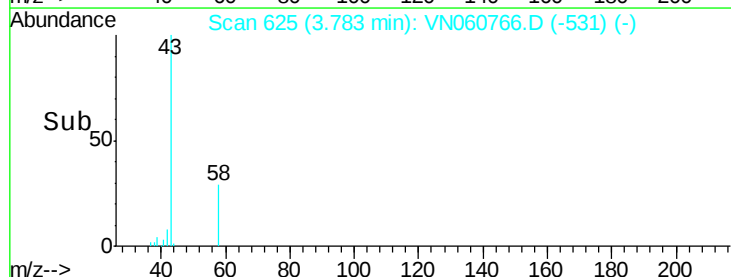
4000

2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

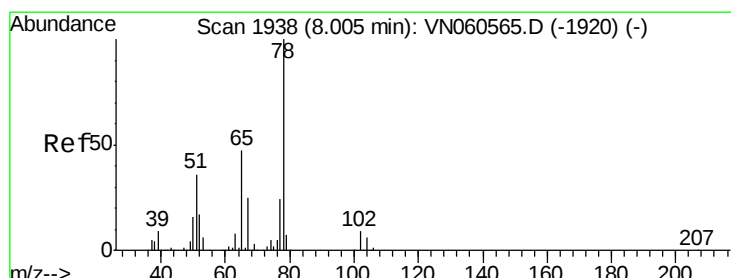
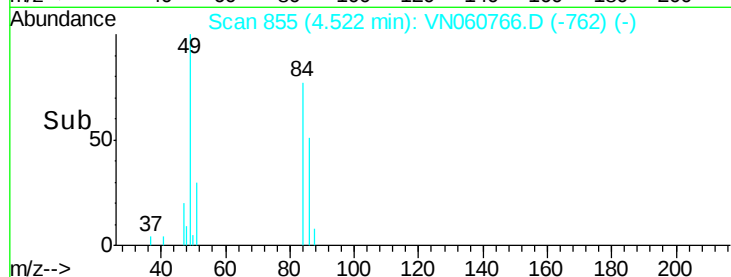
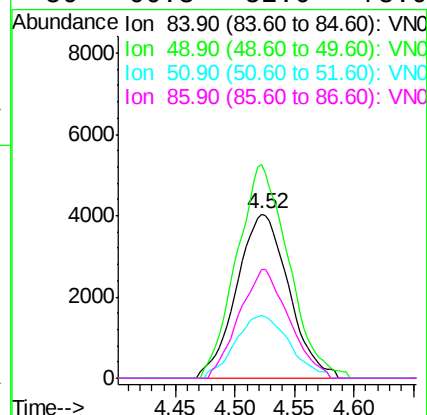
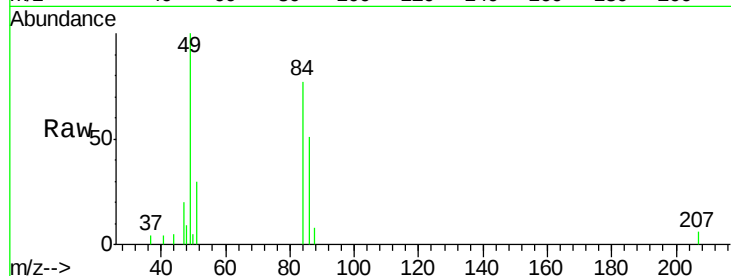




#20
Methylene Chloride
Concen: 5.003 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060766.D
Acq: 30 Mar 2020 13:33

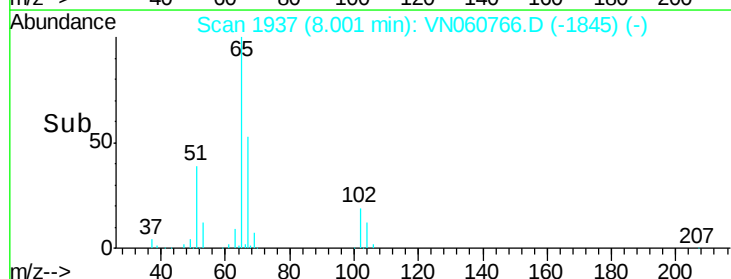
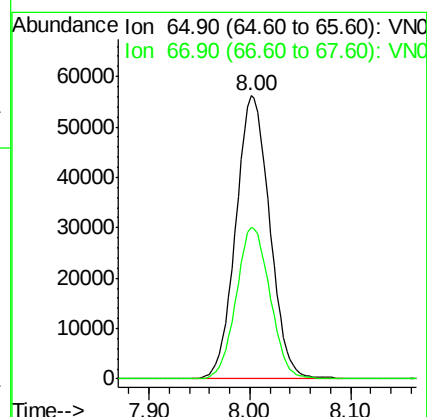
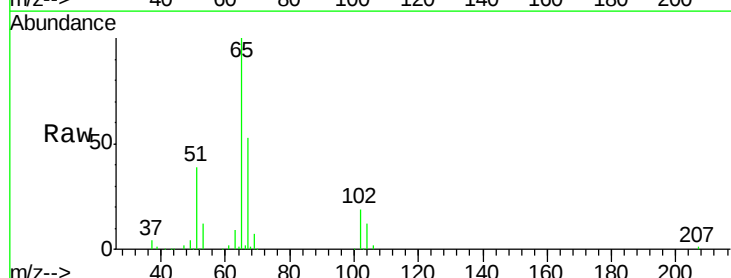
Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS-1

Tot Ion:	84	Resp:	12222
Ion	Ratio	Lower	Upper
84	100		
49	130.2	103.3	154.9
51	38.6	31.6	47.4
86	66.3	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.886 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060766.D
Acq: 30 Mar 2020 13:33

Tgt Ion:	65	Resp:	131451
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060766.D

Acq: 30 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS-1

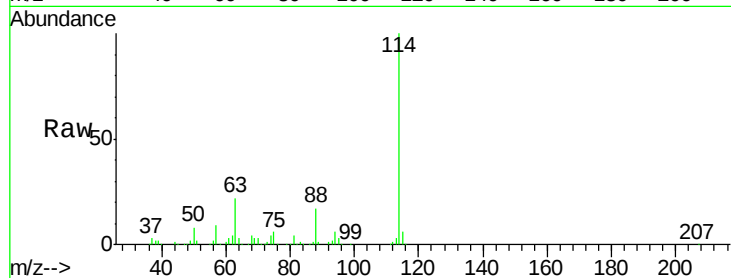
Tot Ion:114 Resp: 337194

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

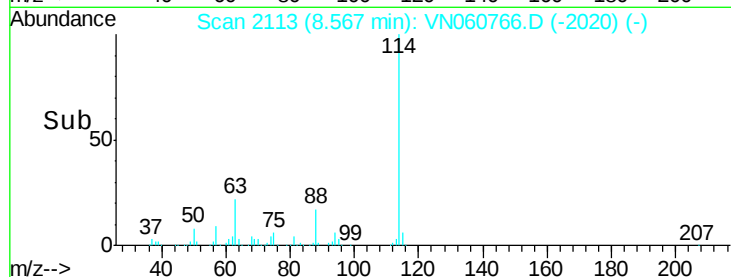
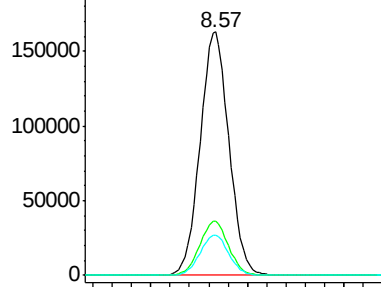
88 16.7 0.0 33.0



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: 49.191 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060766.D

Acq: 30 Mar 2020 13:33

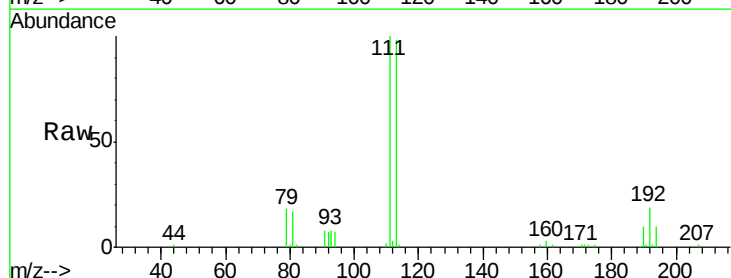
Tgt Ion:113 Resp: 100296

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

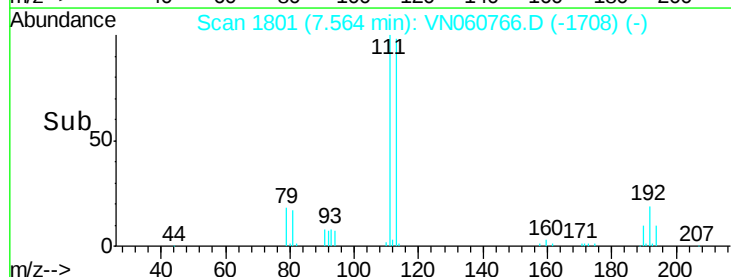
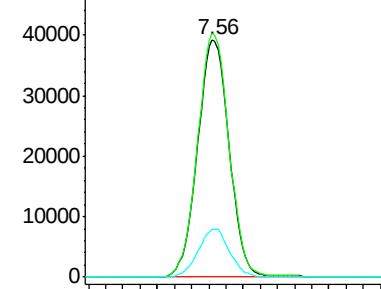
192 19.9 15.8 23.8

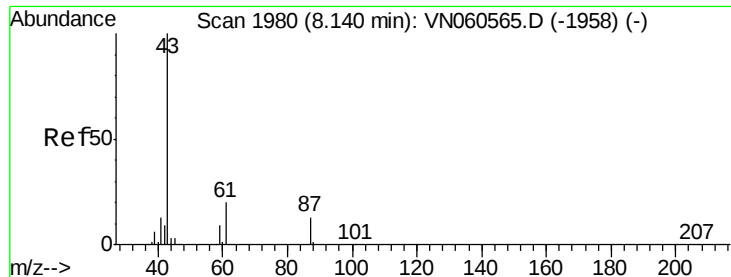


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.898 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060766.D

Acq: 30 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS-1

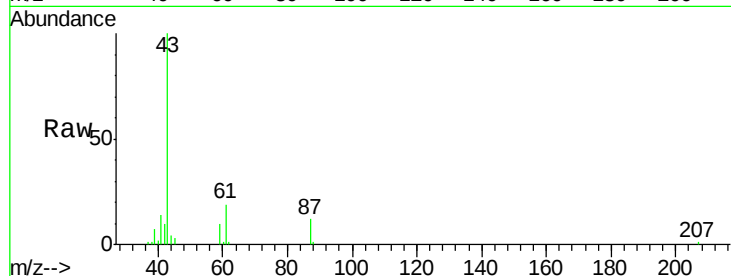
Tot Ion: 43 Resp: 57588

Ion Ratio Lower Upper

43 100

61 19.3 20.7 31.1#

87 12.1 9.8 14.8

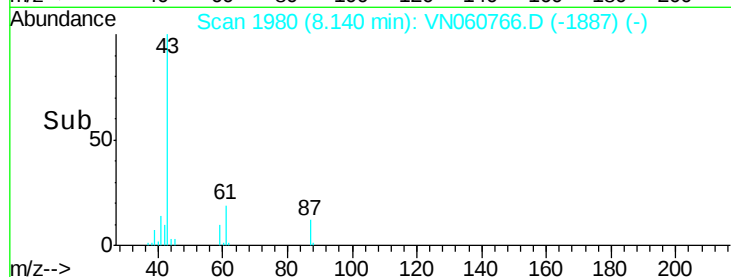


Abundance Ion 43.00 (42.70 to 43.70): VN060766.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060766.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060766.D (-1887) (-)

Time-->



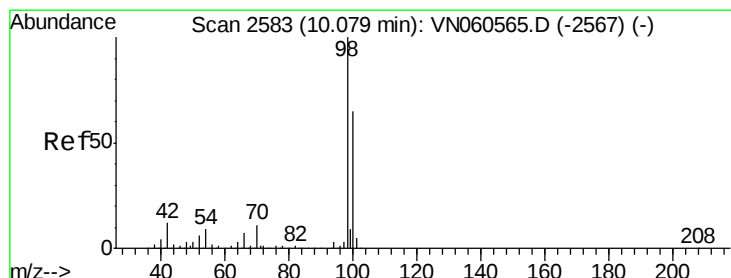
Abundance

Ion 43.00 (42.70 to 43.70): VN060766.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060766.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060766.D (-1887) (-)

Time-->



#50

Toluene-d8

Concen: 50.057 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060766.D

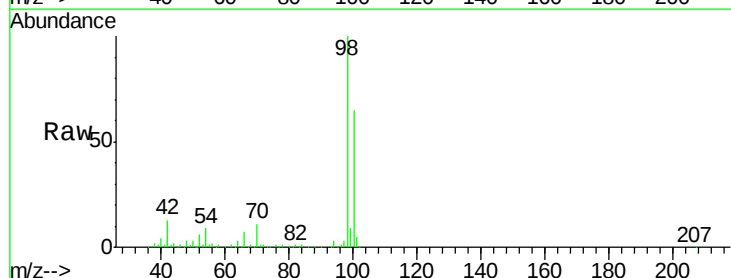
Acq: 30 Mar 2020 13:33

Tgt Ion: 98 Resp: 416880

Ion Ratio Lower Upper

98 100

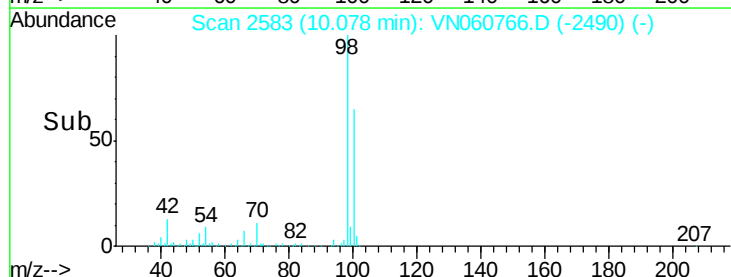
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060766.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060766.D (-2490) (-)

Time-->



Abundance

Ion 98.00 (97.70 to 98.70): VN060766.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060766.D (-2490) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 51.806 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060766.D

Acq: 30 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS-1

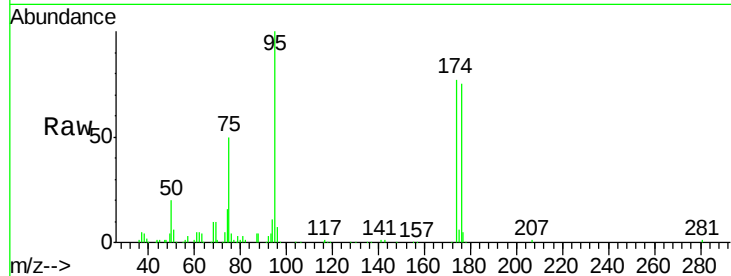
Tot Ion: 95 Resp: 158118

Ion Ratio Lower Upper

95 100

174 76.9 0.0 157.6

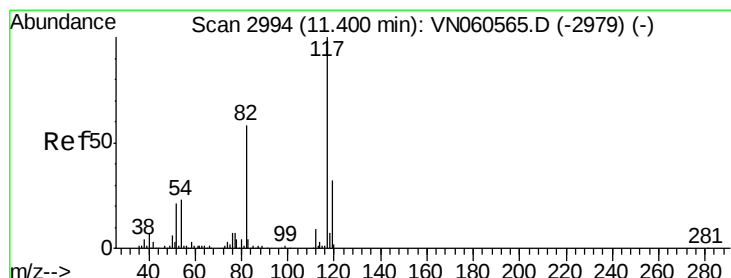
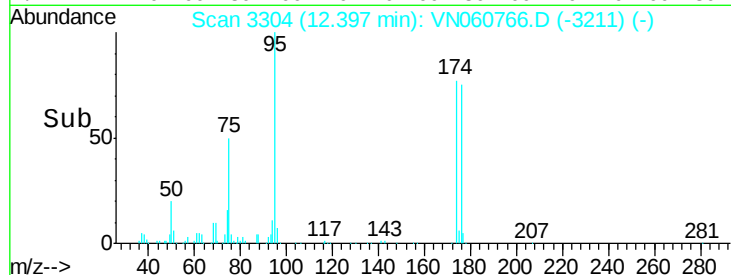
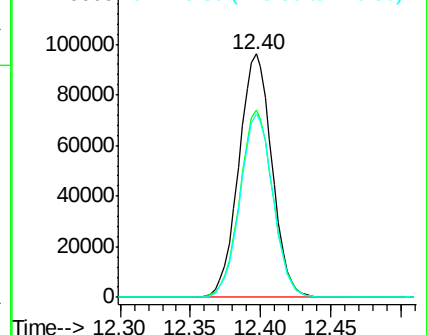
176 75.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060766.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060766.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060766.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060766.D

Acq: 30 Mar 2020 13:33

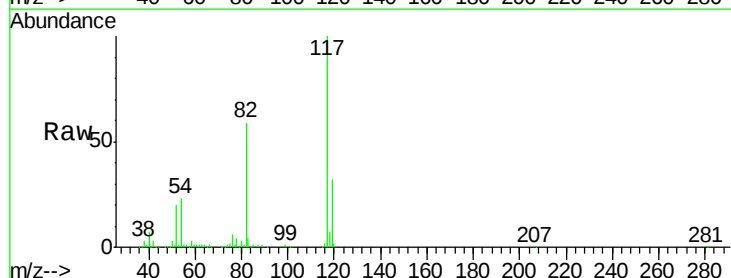
Tgt Ion: 117 Resp: 319439

Ion Ratio Lower Upper

117 100

82 58.7 46.7 70.1

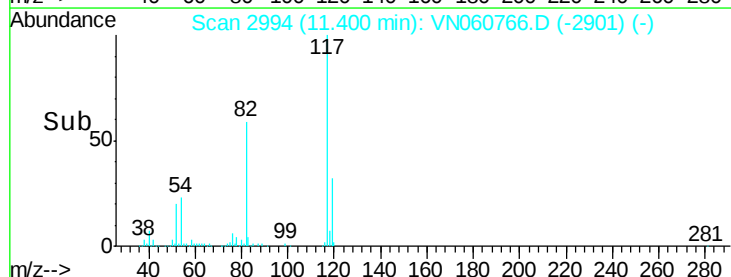
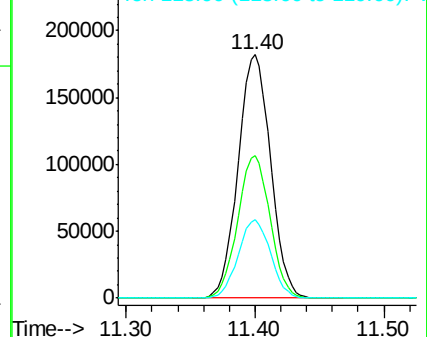
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060766.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060766.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060766.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060766.D

Acq: 30 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

SOIL-CUTTINGS-1

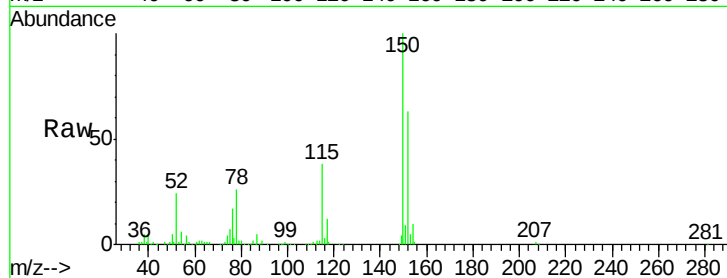
Tot Ion:152 Resp: 147004

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 157.0 0.0 350.2



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

