

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060765.D
 Acq On : 30 Mar 2020 13:11
 Operator : JC/MD
 Sample : L2031-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Quant Time: Mar 31 08:22:37 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

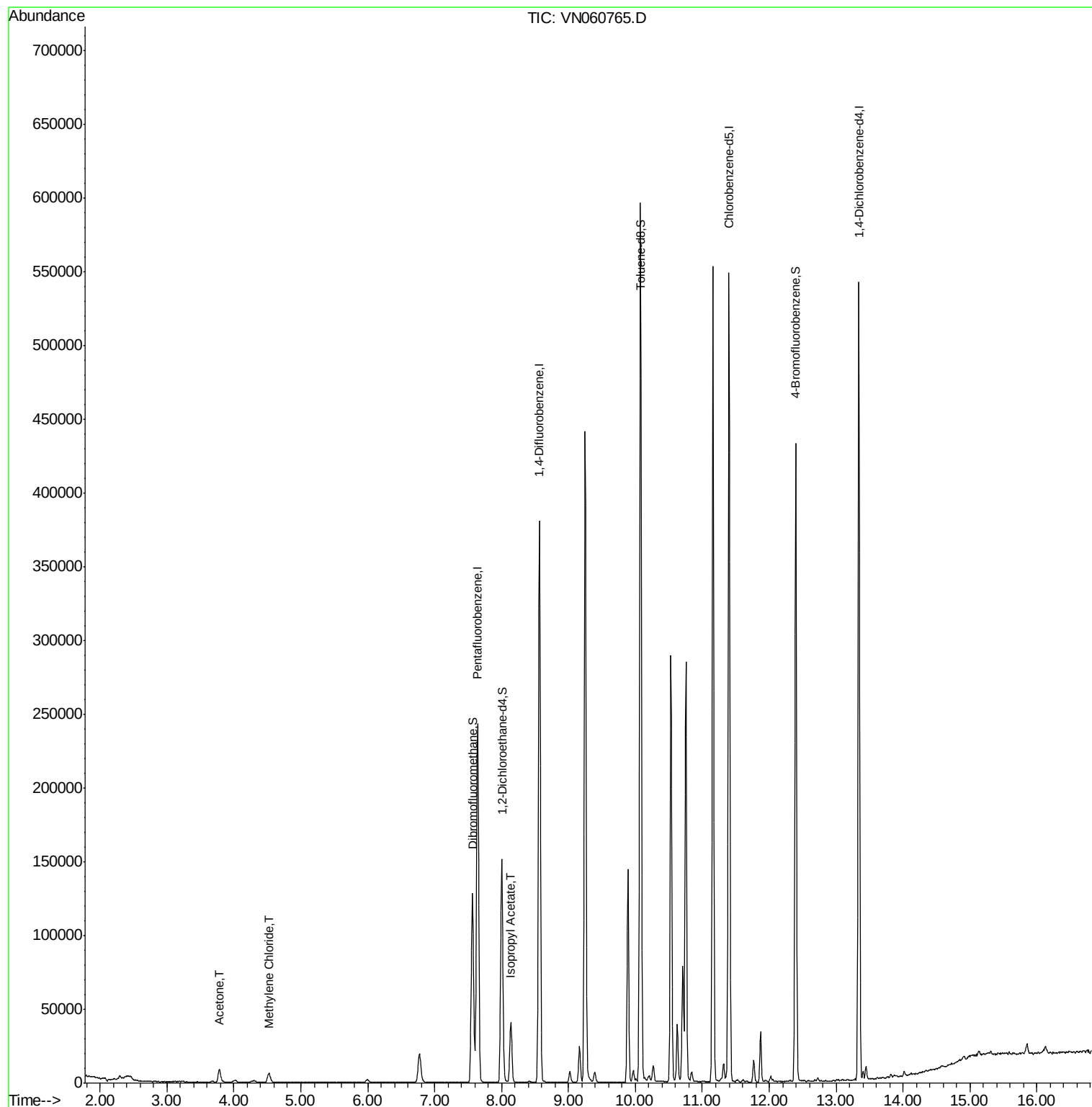
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129286	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	7.56	113	99047	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	10.08	98	411880	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	154230	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
Target Compounds						
16) Acetone	3.78	43	15160	15.492	ug/l	99
20) Methylene Chloride	4.53	84	5293	2.199	ug/l	94
43) Isopropyl Acetate	8.14	43	49224	8.606	ug/l #	92

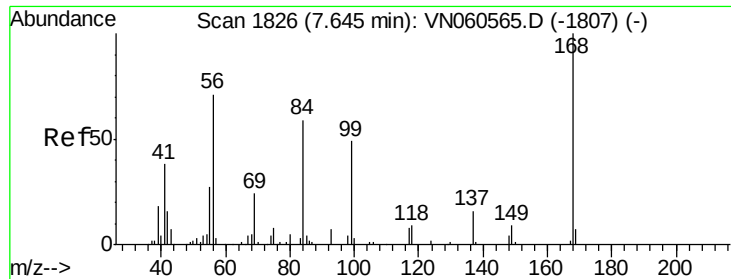
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033020\
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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060765.D

Acq: 30 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

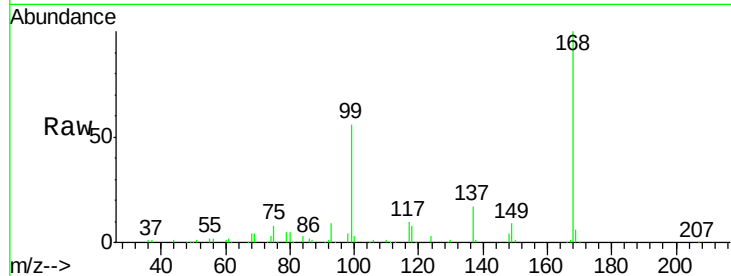
SOIL-COMP

Tot Ion:168 Resp: 201241

Ion Ratio Lower Upper

168 100

99 55.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

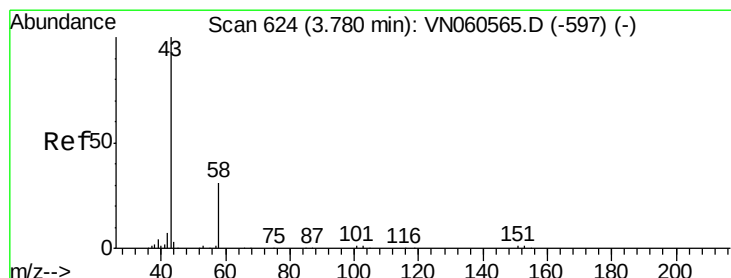
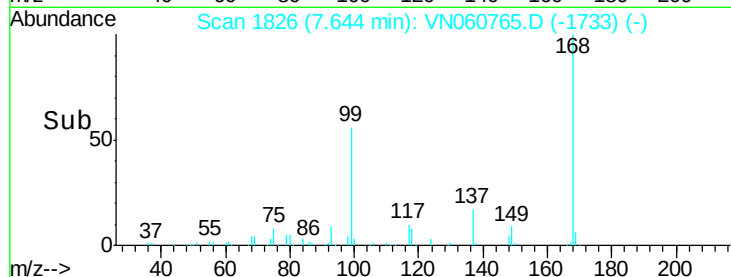
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 15.492 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060765.D

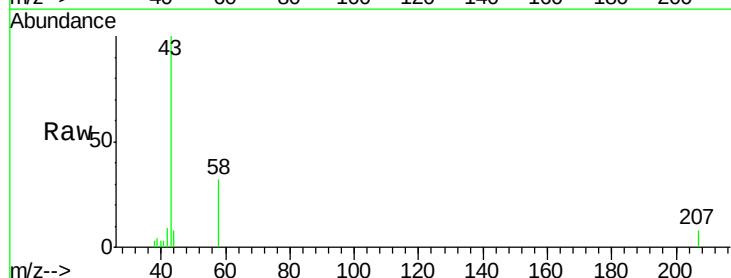
Acq: 30 Mar 2020 13:11

Tgt Ion: 43 Resp: 15160

Ion Ratio Lower Upper

43 100

58 31.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

6000

5000

4000

3000

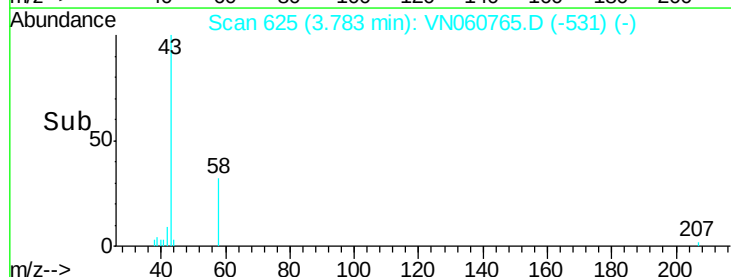
2000

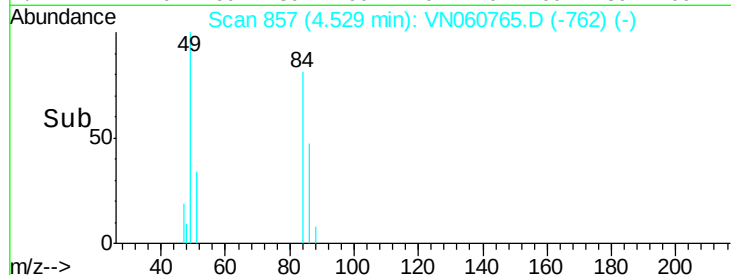
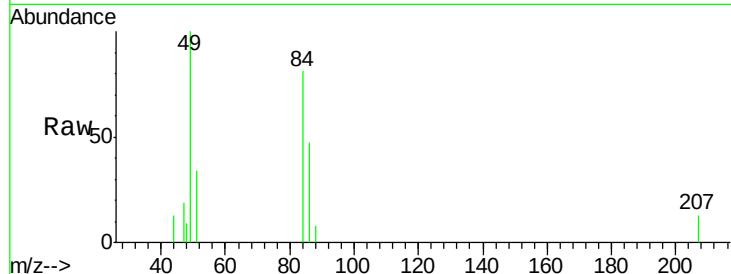
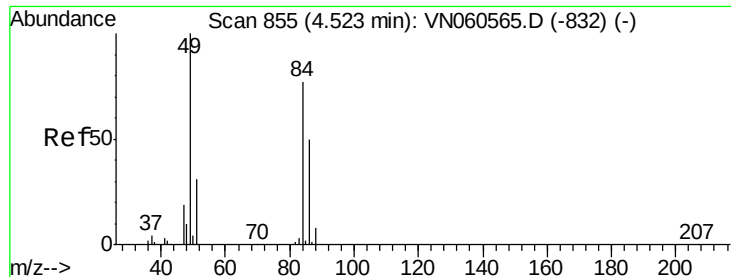
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

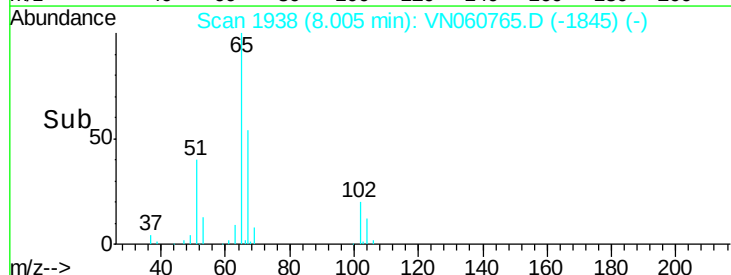
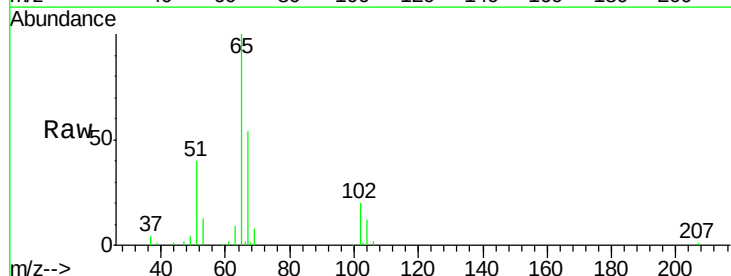
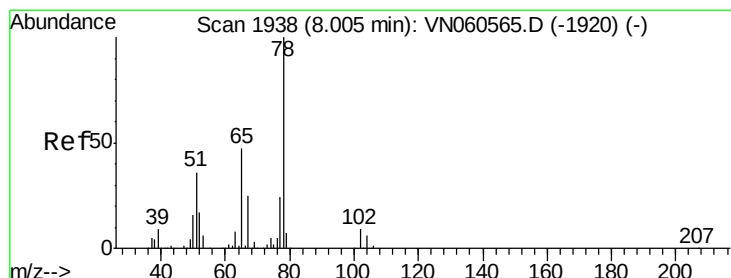
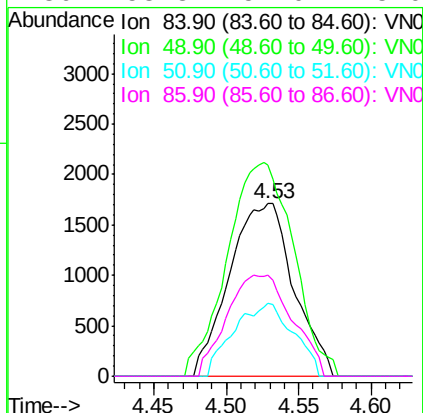




#20
Methylene Chloride
Concen: 2.199 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060765.D
Acq: 30 Mar 2020 13:11

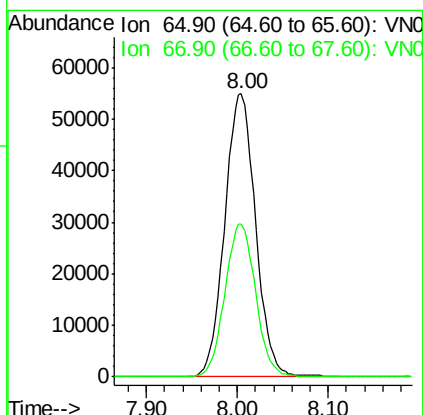
Instrument :
MSVOA_N
ClientSampled :
SOIL-COMP

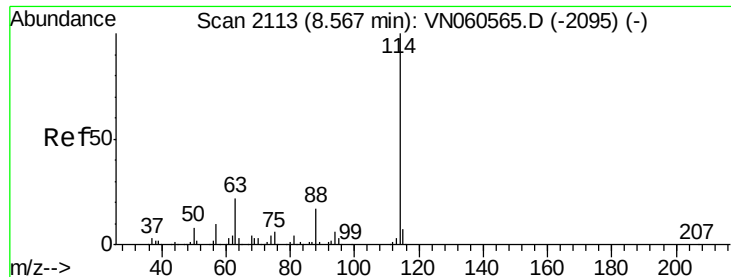
Tot Ion:	84	Resp:	5293
Ion	Ratio	Lower	Upper
84	100		
49	122.7	103.3	154.9
51	42.2	31.6	47.4
86	58.3	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.799 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060765.D
Acq: 30 Mar 2020 13:11

Tgt Ion:	65	Resp:	129286
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.6

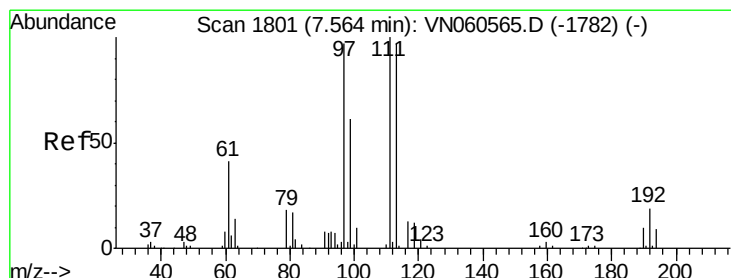
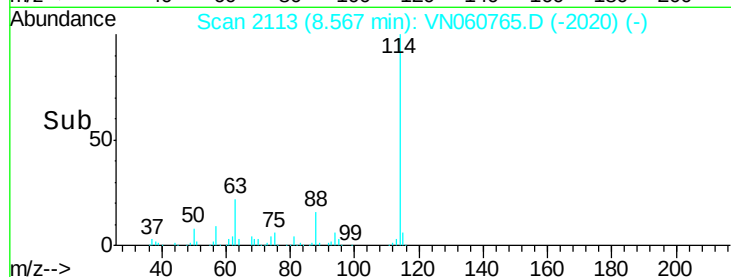
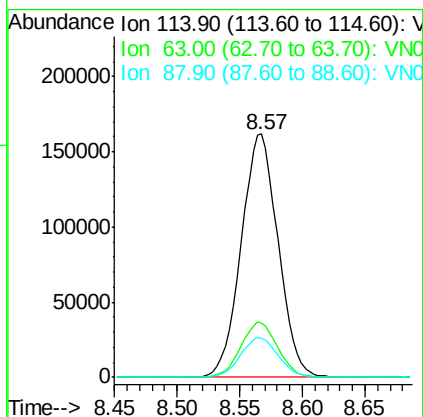
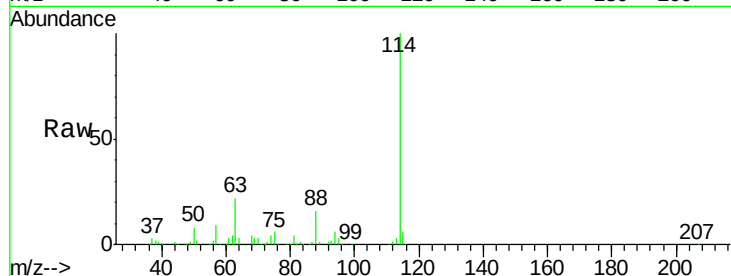




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060765.D
 Acq: 30 Mar 2020 13:11

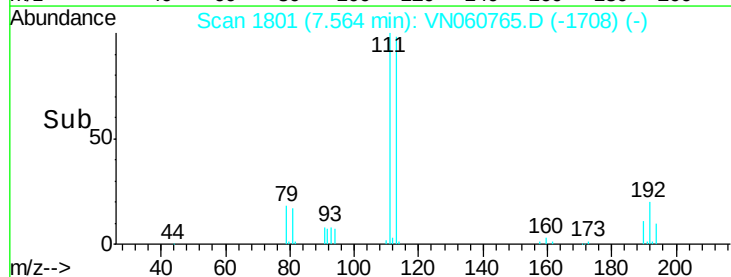
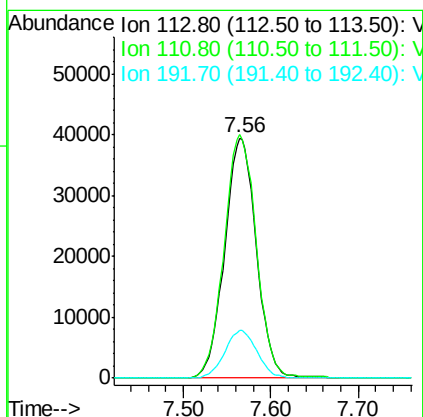
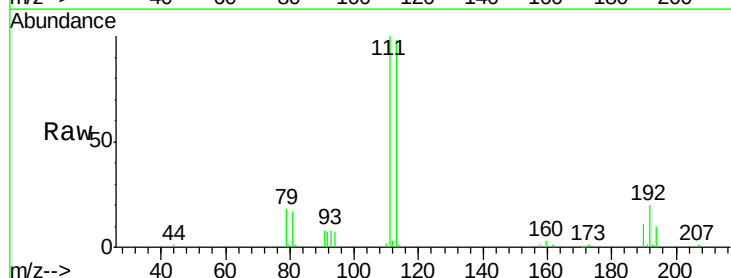
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

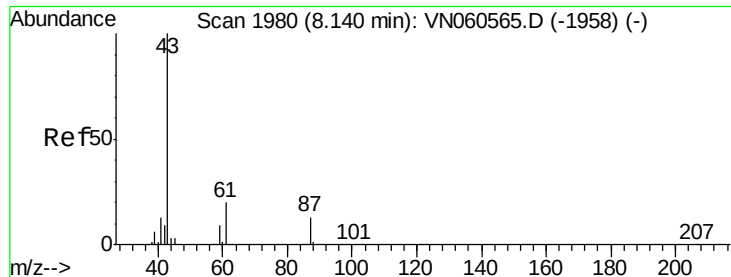
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.8
88	16.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.414 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060765.D
 Acq: 30 Mar 2020 13:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	20.1	15.8	23.8





#43

Isopropyl Acetate

Concen: 8.606 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060765.D

Acq: 30 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

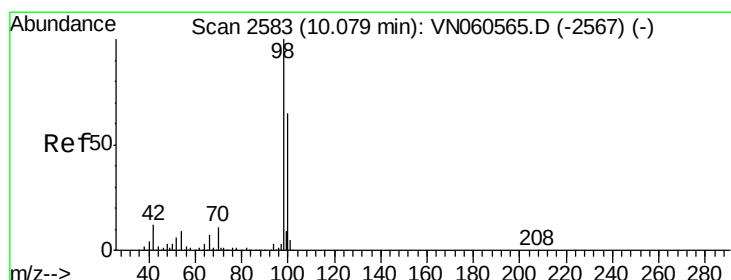
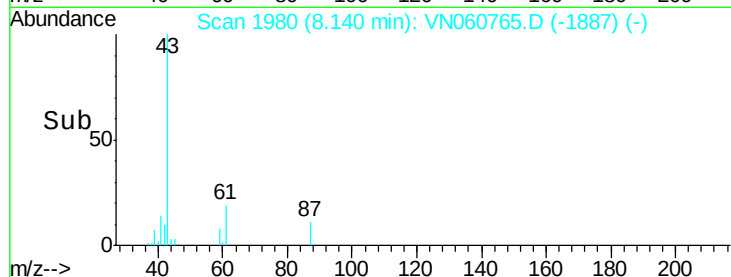
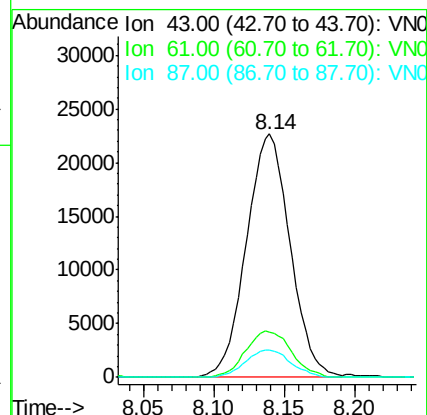
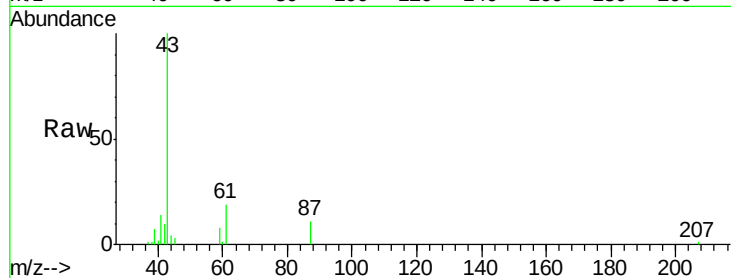
Tot Ion: 43 Resp: 49224

Ion Ratio Lower Upper

43 100

61 20.0 20.7 31.1#

87 11.6 9.8 14.8



#50

Toluene-d8

Concen: 50.307 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060765.D

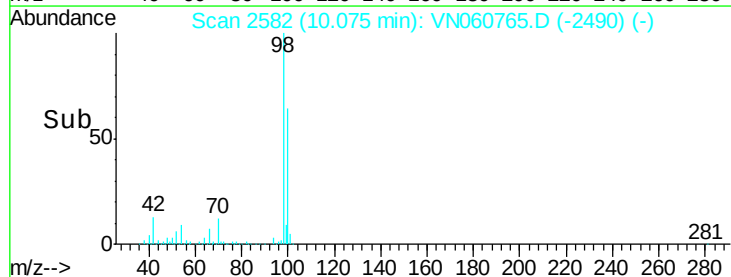
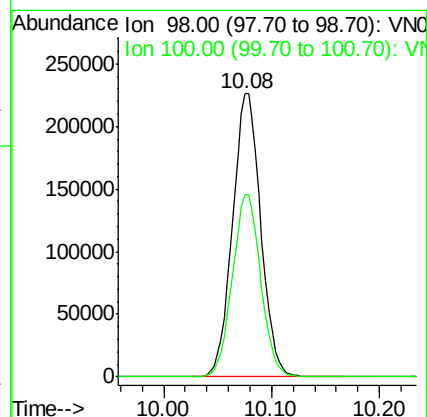
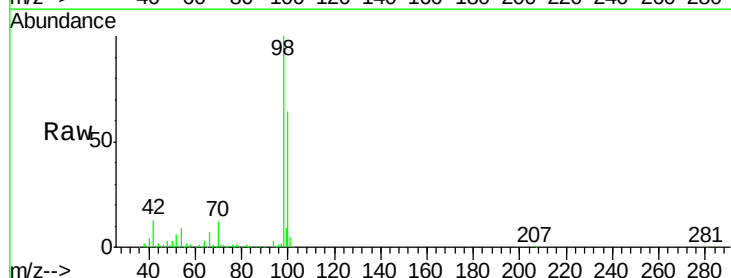
Acq: 30 Mar 2020 13:11

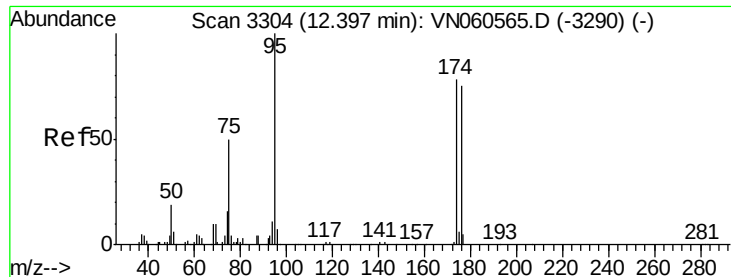
Tgt Ion: 98 Resp: 411880

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.401 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060765.D

Acq: 30 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

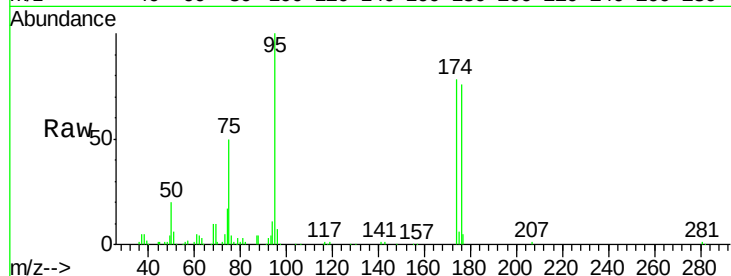
Tot Ion: 95 Resp: 154230

Ion Ratio Lower Upper

95 100

174 76.9 0.0 157.6

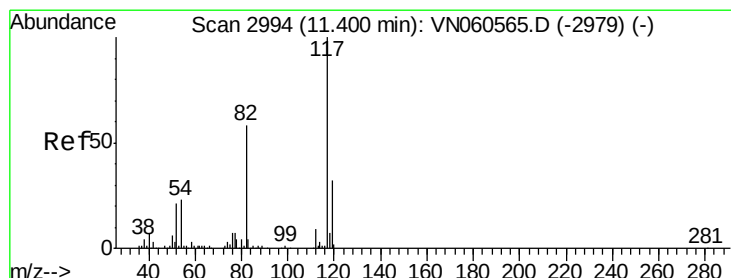
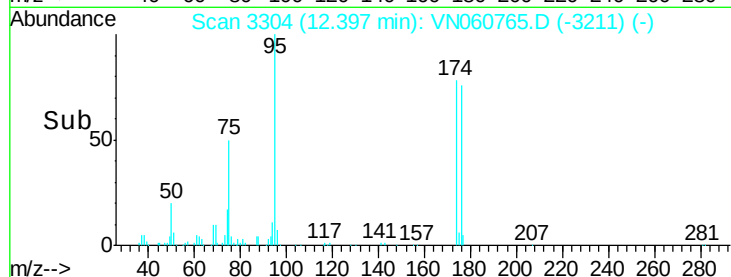
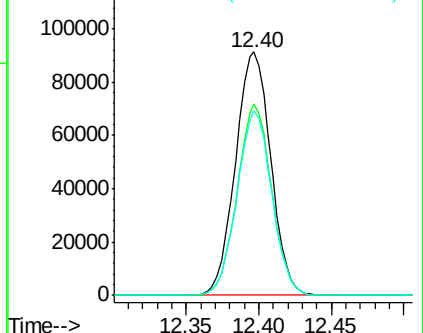
176 74.7 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060765.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060765.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060765.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060765.D

Acq: 30 Mar 2020 13:11

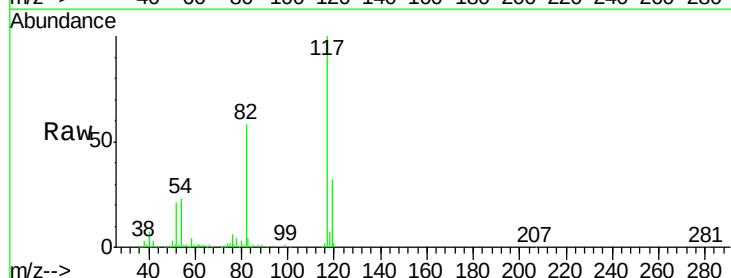
Tgt Ion: 117 Resp: 311717

Ion Ratio Lower Upper

117 100

82 57.9 46.7 70.1

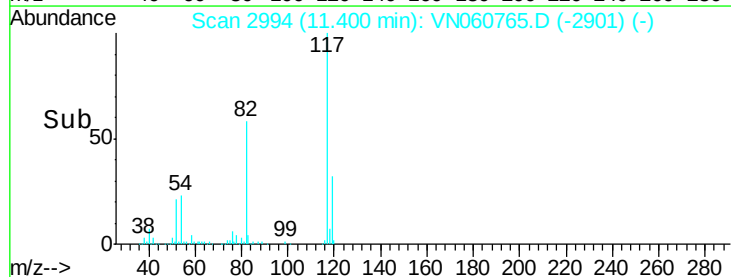
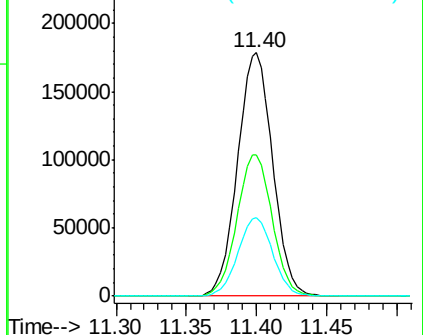
119 32.1 25.5 38.3

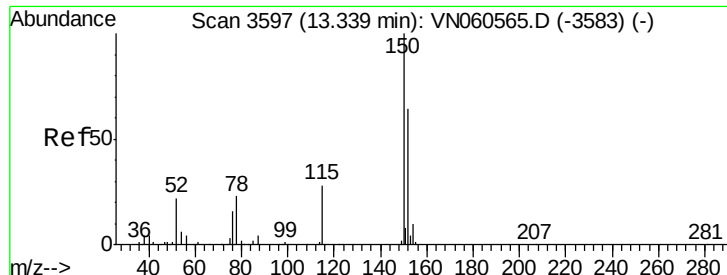


Abundance Ion 116.90 (116.60 to 117.60): VN060765.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060765.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060765.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: VN060765.D

Acq: 30 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

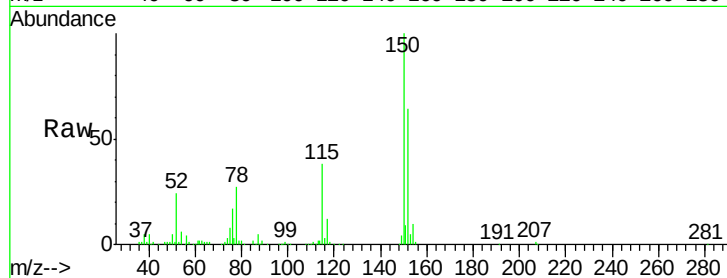
Tot Ion:152 Resp: 141695

Ion Ratio Lower Upper

152 100

115 60.3 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

