

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058065.D
 Acq On : 14 Sep 2019 10:23
 Operator : JC/SP
 Sample : K4860-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-091119

Quant Time: Sep 16 05:39:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

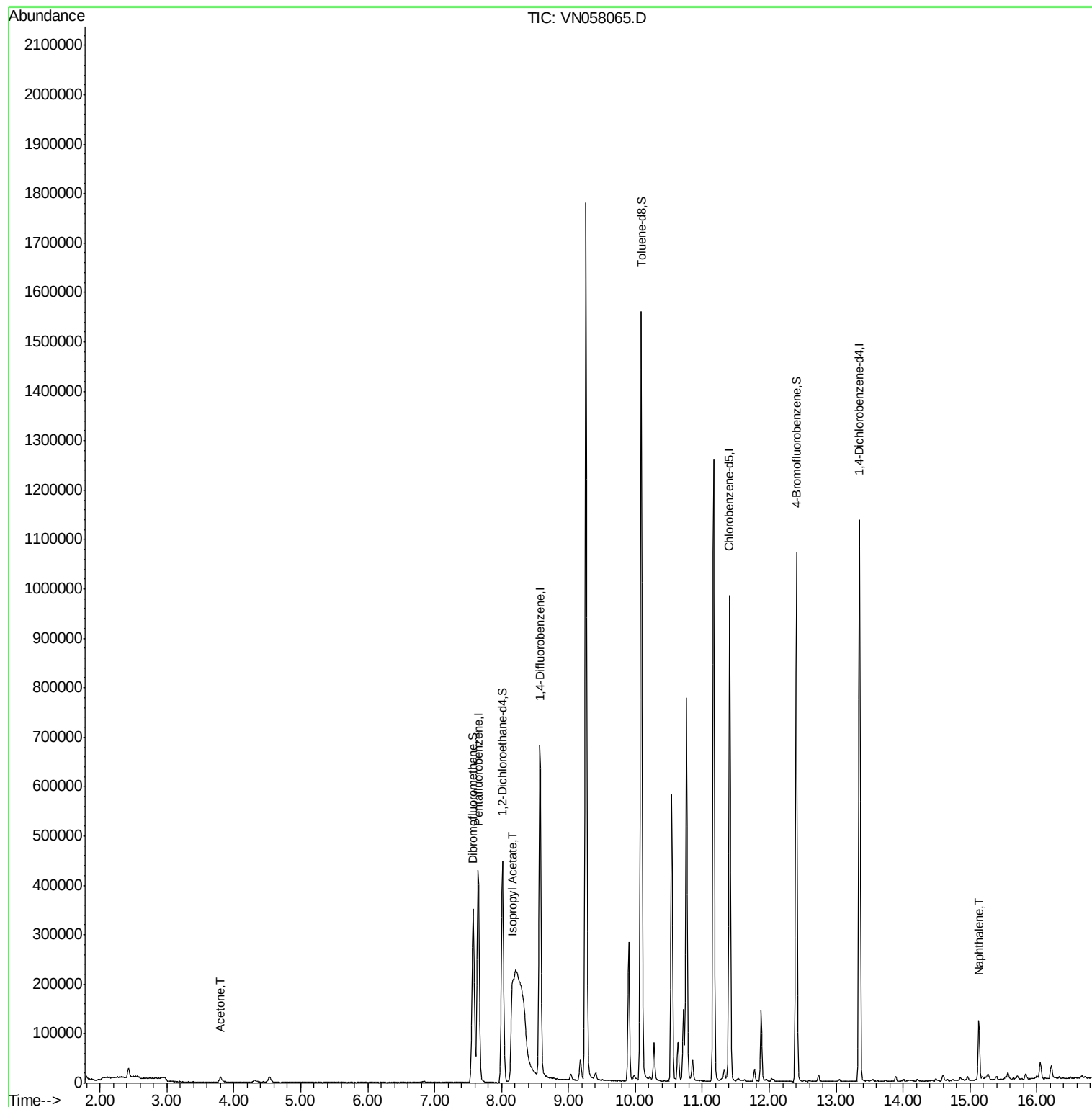
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	331025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	579249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	531711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	389219	58.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.10%	
35) Dibromofluoromethane	7.57	113	260535	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	10.09	98	1066616	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	357331	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
16) Acetone	3.80	43	19572	8.905	ug/l	93
43) Isopropyl Acetate	8.16	43	238514	20.435	ug/l #	74
95) Naphthalene	15.13	128	94671	4.285	ug/l	99

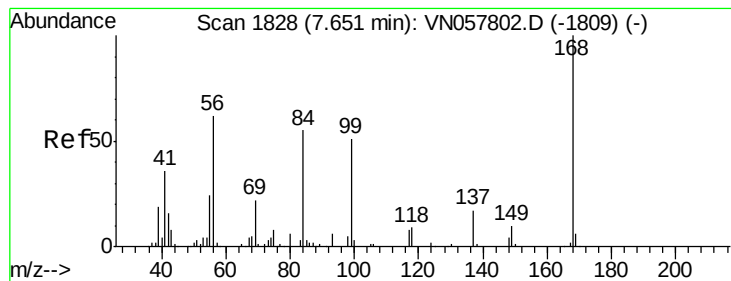
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058065.D

Acq: 14 Sep 2019 10:23

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ClientSampleId :

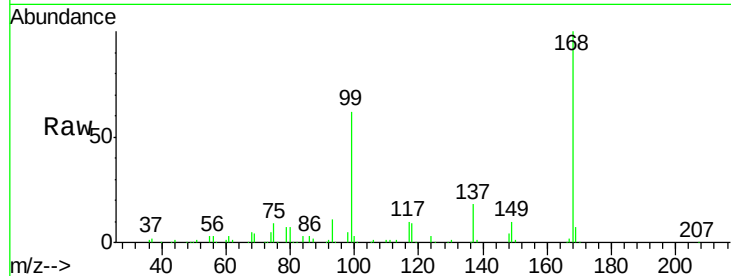
IDW-SOIL-091119

Tot Ion:168 Resp: 331025

Ion Ratio Lower Upper

168 100

99 62.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

150000

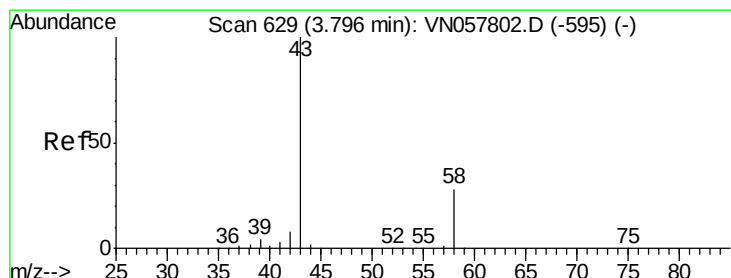
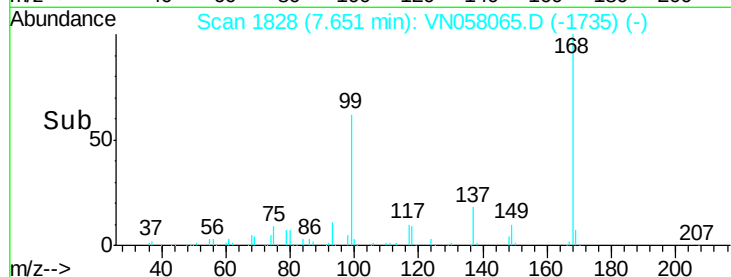
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.905 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058065.D

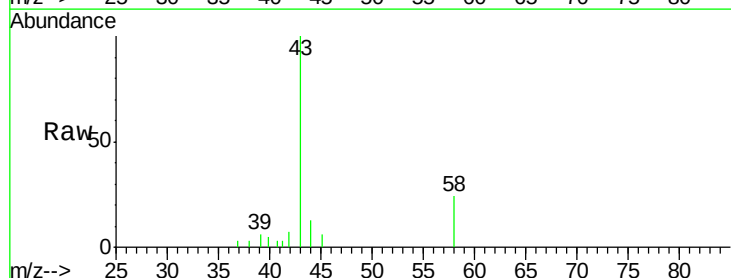
Acq: 14 Sep 2019 10:23

Tgt Ion: 43 Resp: 19572

Ion Ratio Lower Upper

43 100

58 24.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

3.80

8000

6000

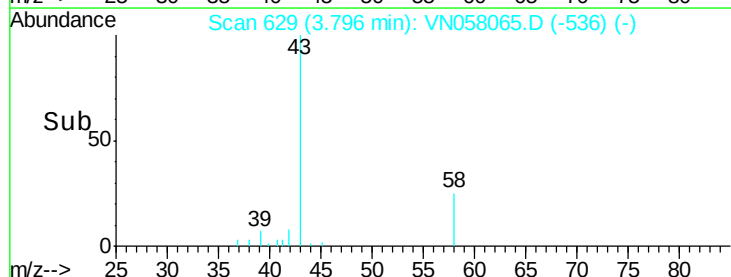
4000

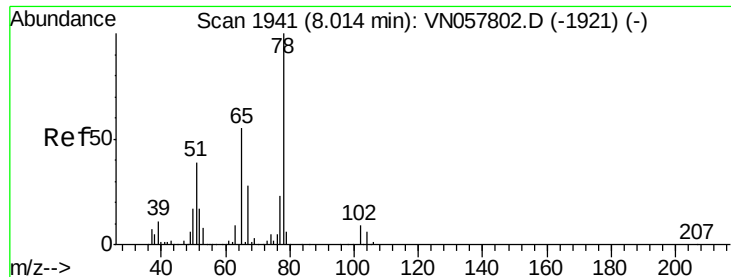
2000

0

3.70 3.80 3.90

Time-->

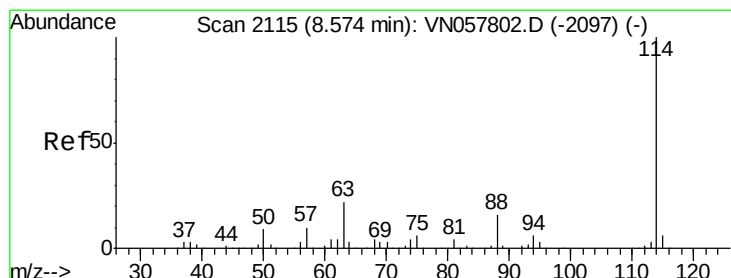
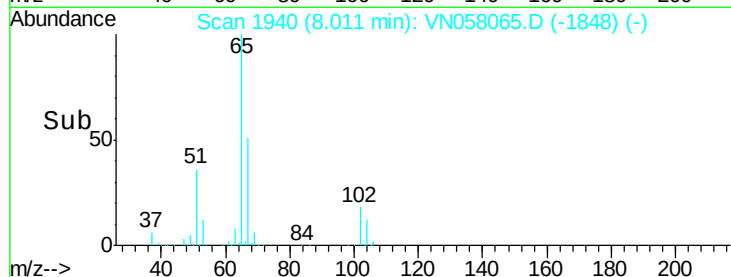
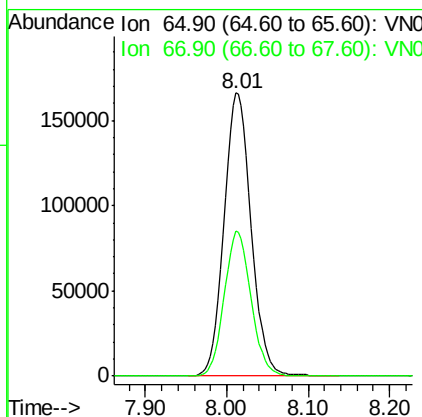
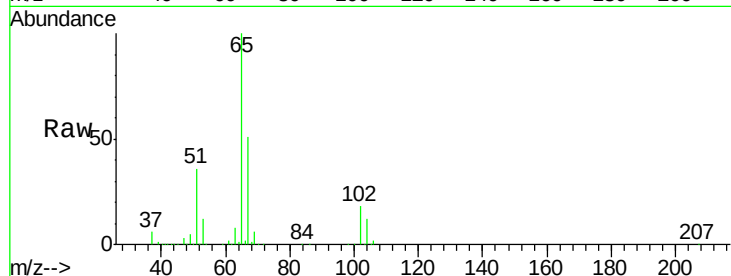




#33
 1,2-Dichloroethane-d4
 Concen: 58.052 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058065.D
 Acq: 14 Sep 2019 10:23

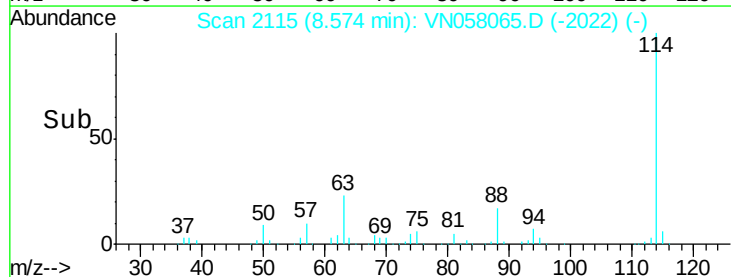
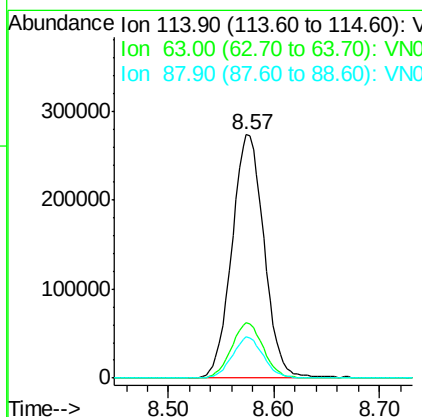
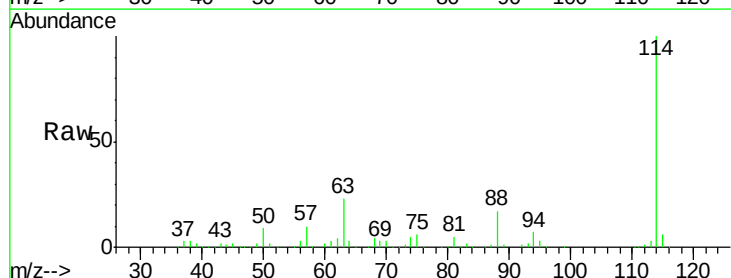
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-091119

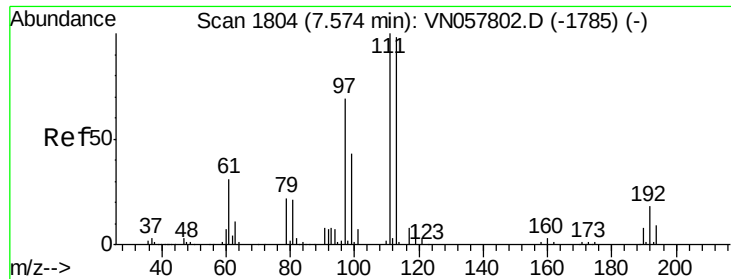
Tot Ion: 65 Resp: 389219
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058065.D
 Acq: 14 Sep 2019 10:23

Tgt Ion: 114 Resp: 579249
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 16.9 0.0 31.4

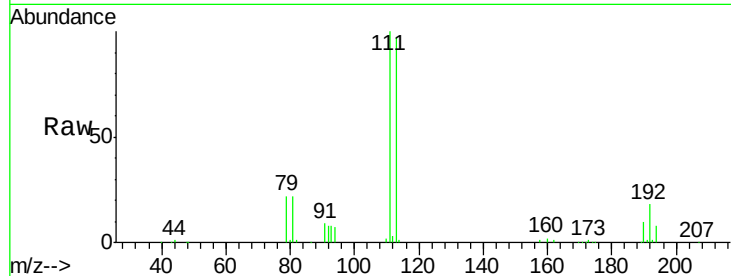




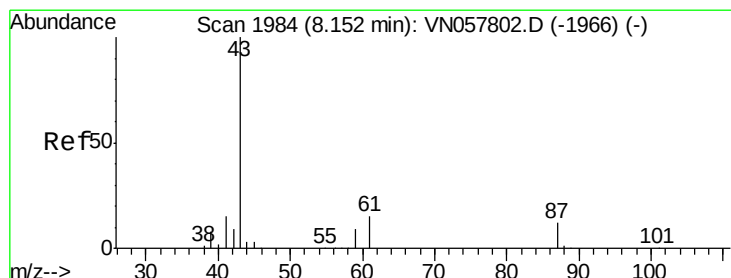
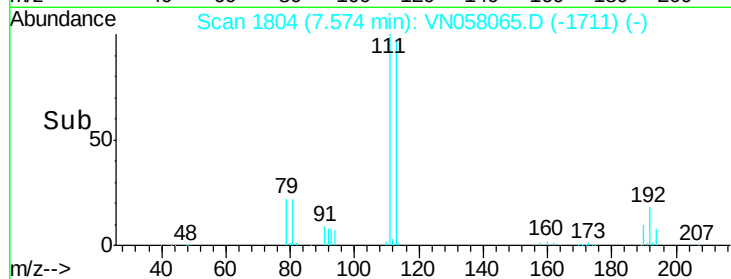
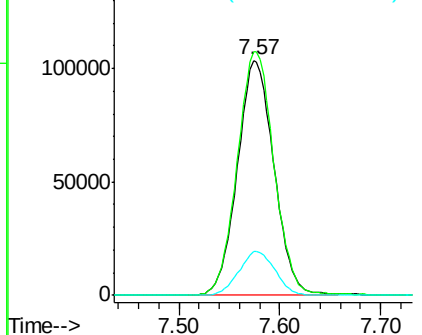
#35
 Dibromofluoromethane
 Concen: 48.732 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058065.D
 Acq: 14 Sep 2019 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-091119

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	18.4	14.6	22.0

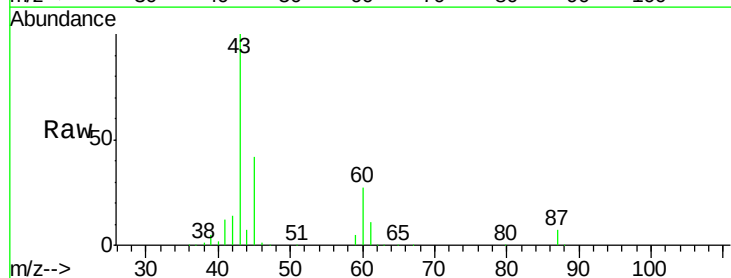


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

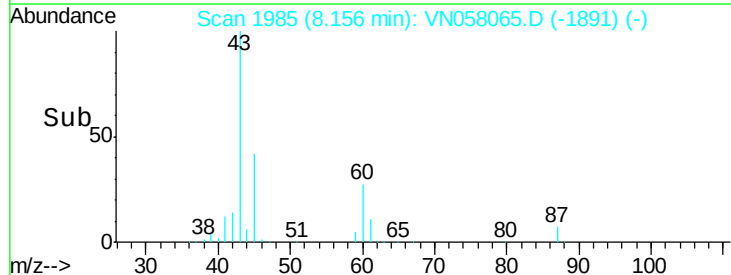
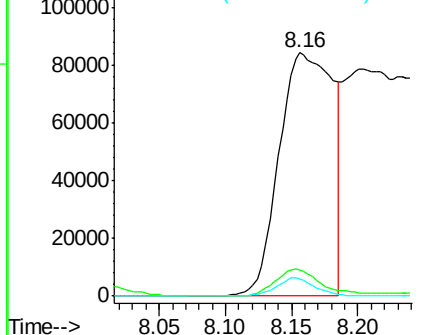


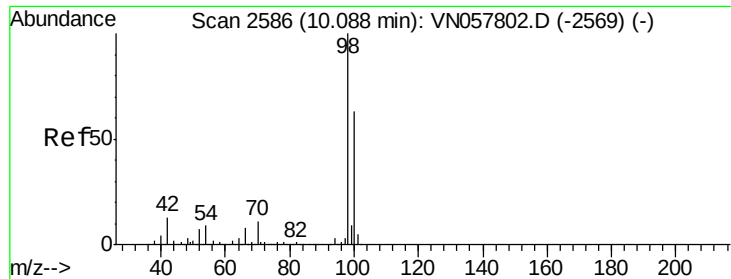
#43
 Isopropyl Acetate
 Concen: 20.435 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN058065.D
 Acq: 14 Sep 2019 10:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	9.5	20.1	30.1#
87	5.4	9.5	14.3#



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.386 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058065.D

Acq: 14 Sep 2019 10:23

Instrument :

MSVOA_N

ClientSampleId :

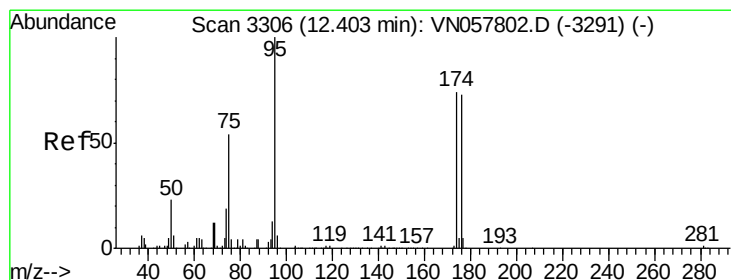
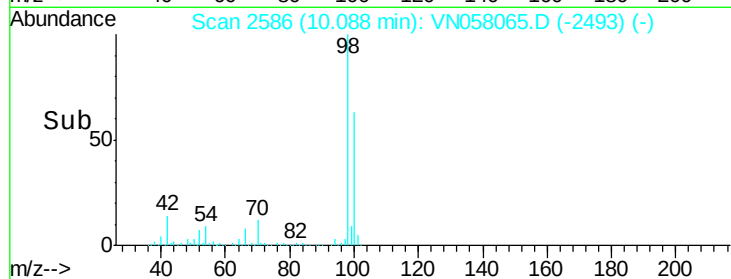
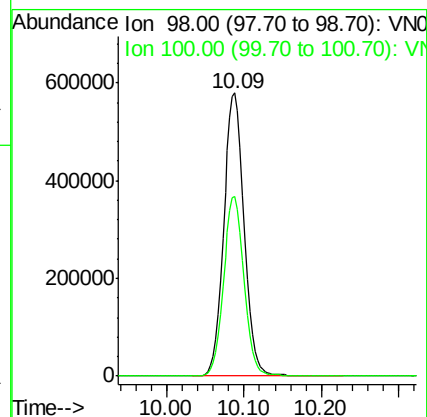
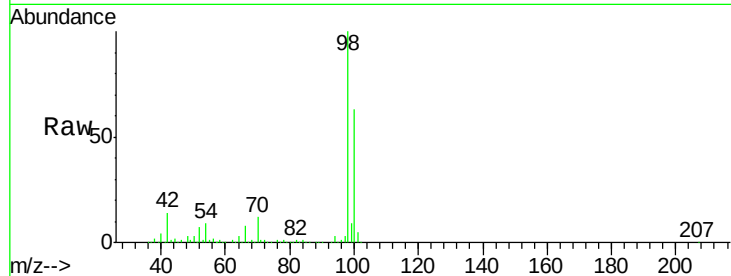
IDW-SOIL-091119

Tot Ion: 98 Resp: 1066616

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 45.173 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058065.D

Acq: 14 Sep 2019 10:23

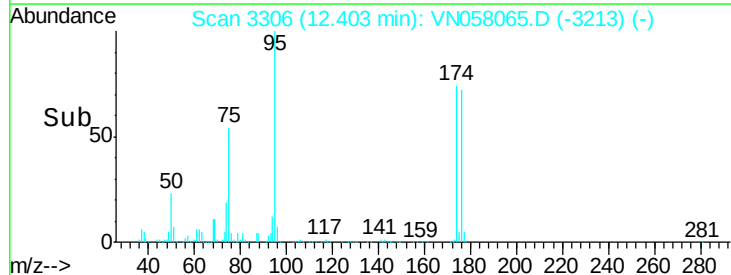
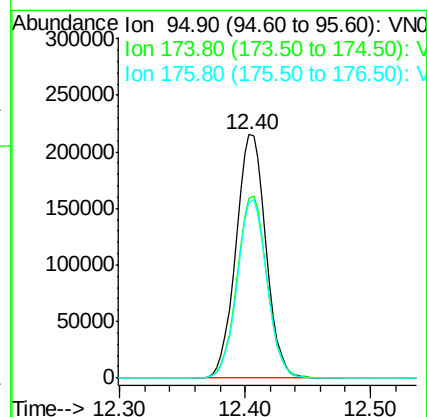
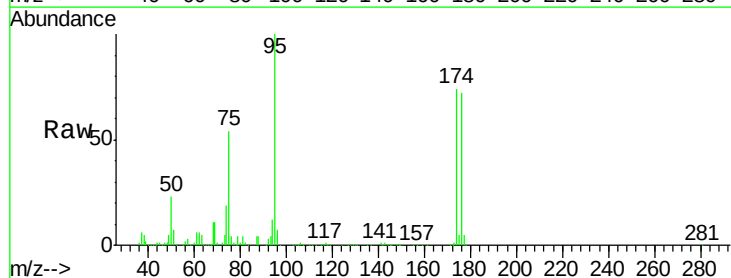
Tgt Ion: 95 Resp: 357331

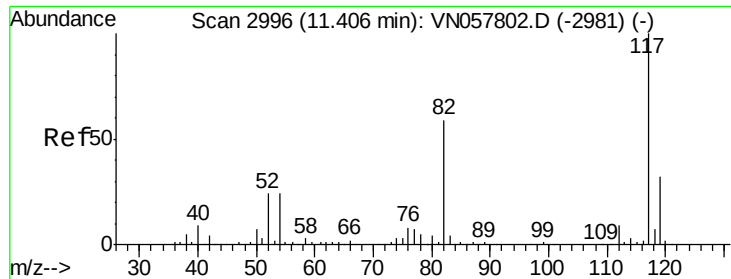
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

176 72.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058065.D

Acq: 14 Sep 2019 10:23

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-091119

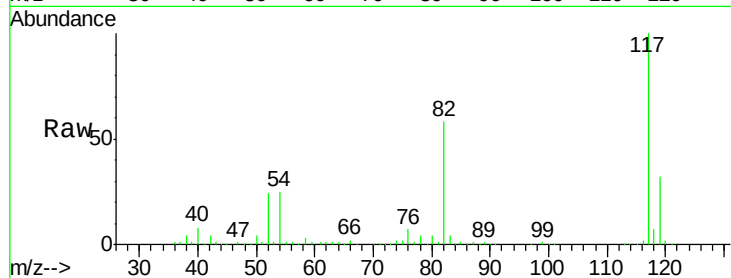
Tot Ion:117 Resp: 531711

Ion Ratio Lower Upper

117 100

82 57.7 47.2 70.8

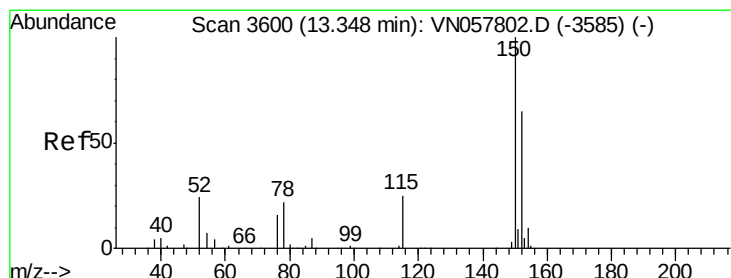
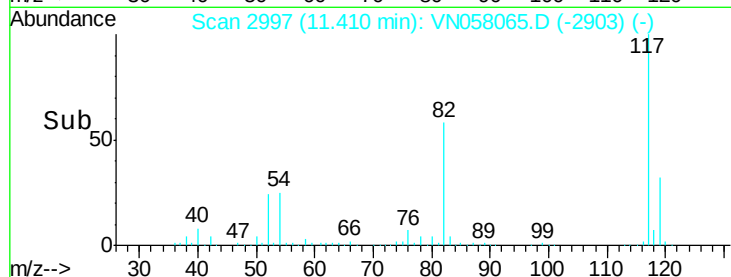
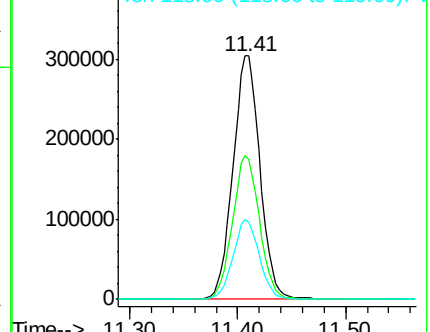
119 31.9 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058065.D

Acq: 14 Sep 2019 10:23

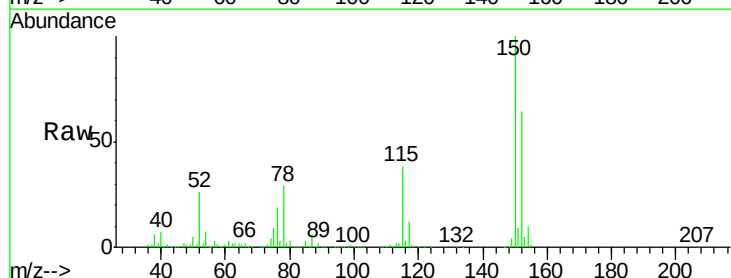
Tgt Ion:152 Resp: 282655

Ion Ratio Lower Upper

152 100

115 60.1 30.3 91.0

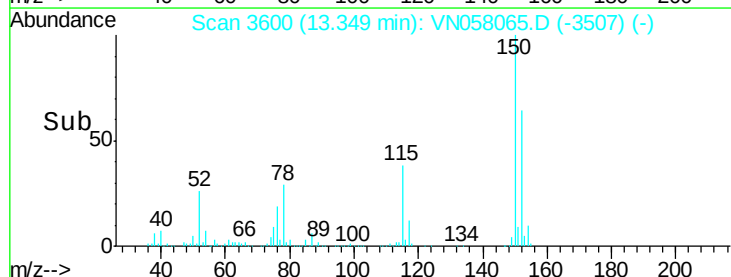
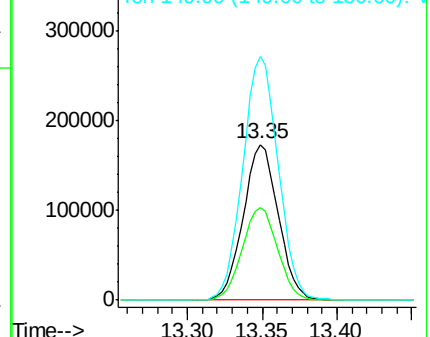
150 158.5 0.0 352.4

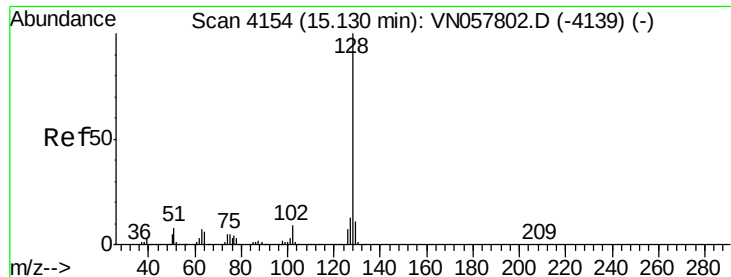


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.285 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058065.D

Acq: 14 Sep 2019 10:23

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-091119

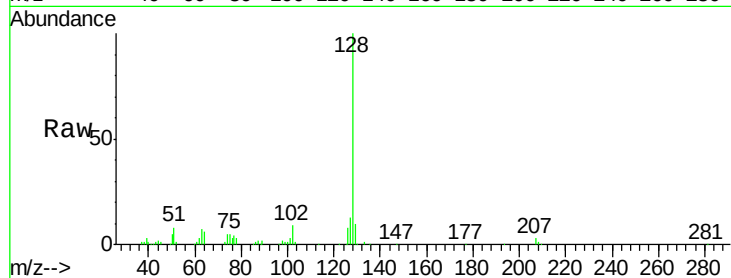
Tot Ion:128 Resp: 94671

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

