

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\
 Data File : VN058989.D
 Acq On : 28 Oct 2019 12:00
 Operator : JC/SP
 Sample : K5568-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-102519

Quant Time: Oct 29 13:52:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

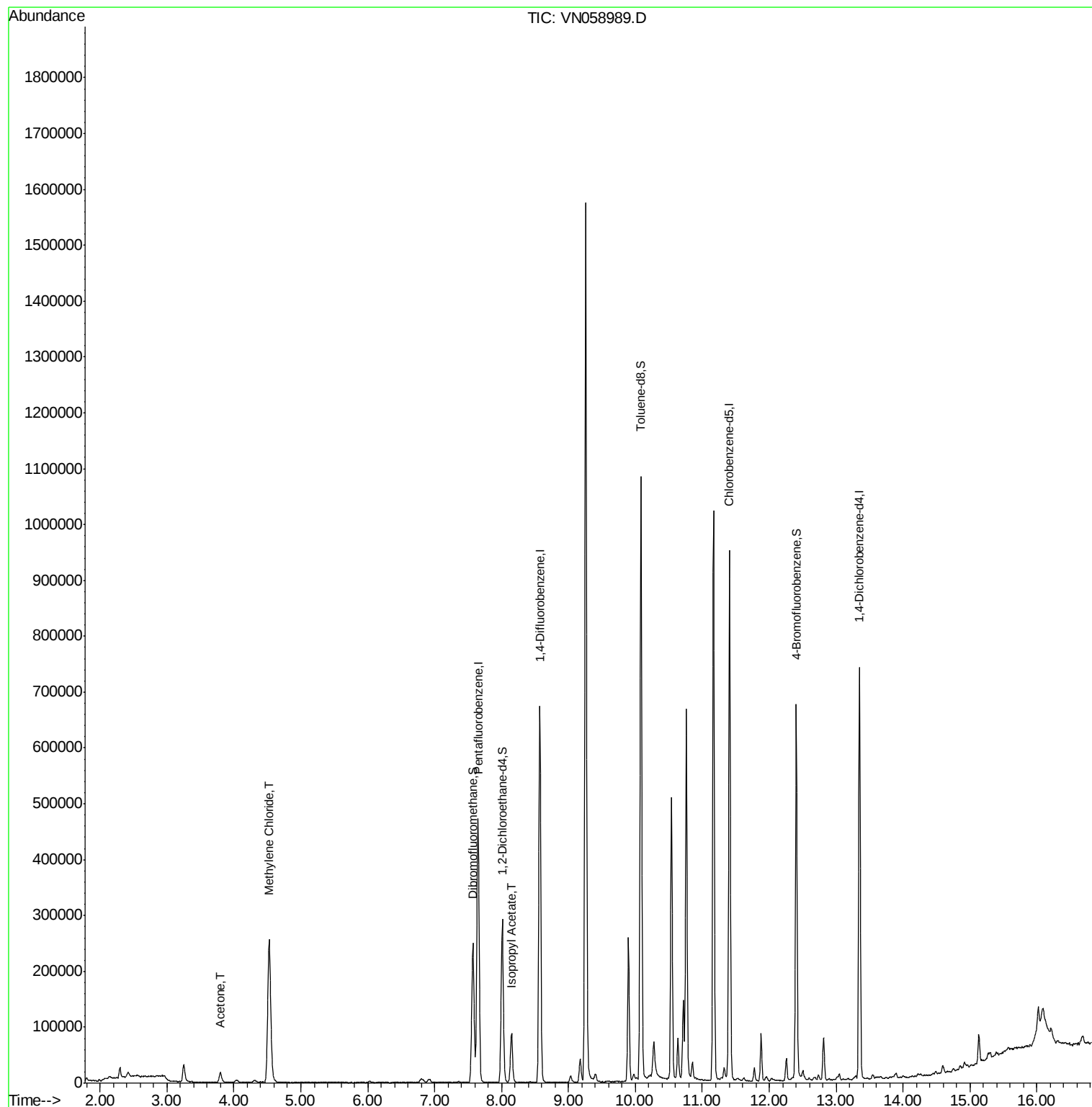
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	375553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	588458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	531916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	191997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	254066	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
35) Dibromofluoromethane	7.57	113	193183	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.08	98	747108	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	232842	42.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.44%	
Target Compounds						
16) Acetone	3.80	43	29154	10.711	ug/l	98
20) Methylene Chloride	4.53	84	192403	41.399	ug/l	97
43) Isopropyl Acetate	8.15	43	104690	9.944	ug/l #	92

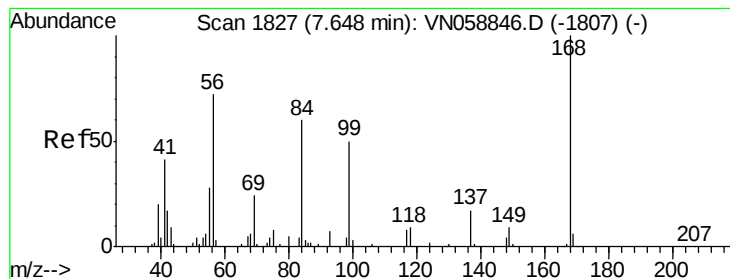
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058989.D

Acq: 28 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

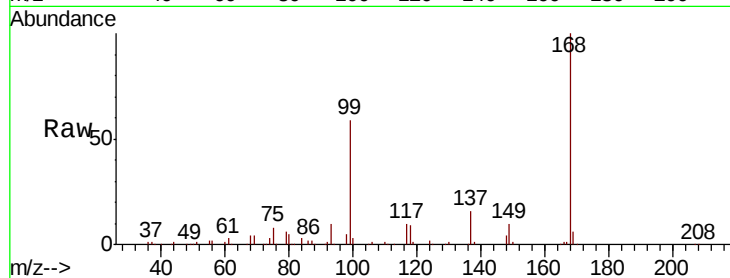
IDW-SOIL-102519

Tot Ion:168 Resp: 375553

Ion Ratio Lower Upper

168 100

99 59.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

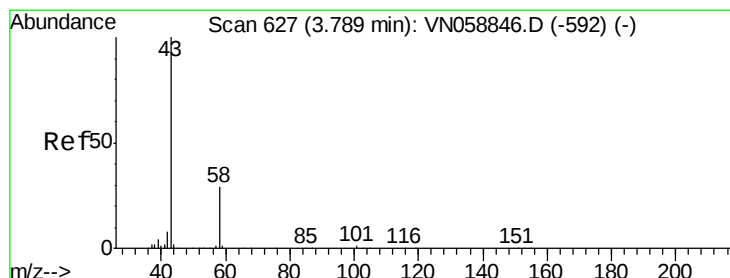
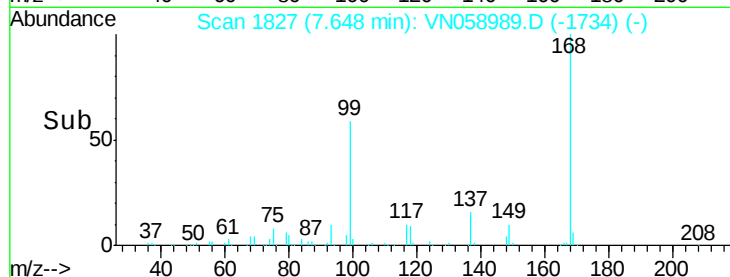
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 10.711 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN058989.D

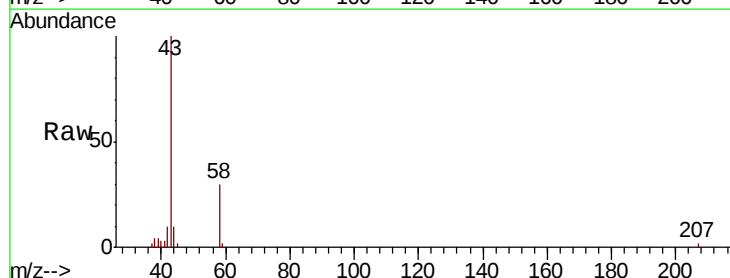
Acq: 28 Oct 2019 12:00

Tgt Ion: 43 Resp: 29154

Ion Ratio Lower Upper

43 100

58 30.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

12000

10000

8000

6000

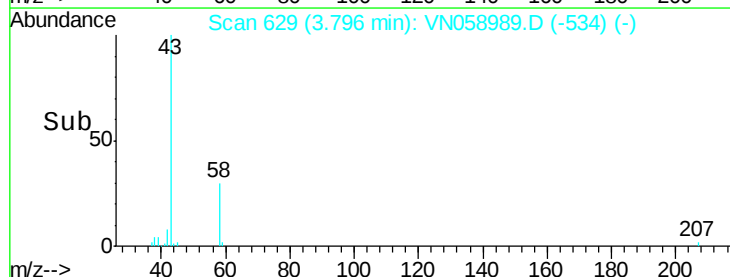
4000

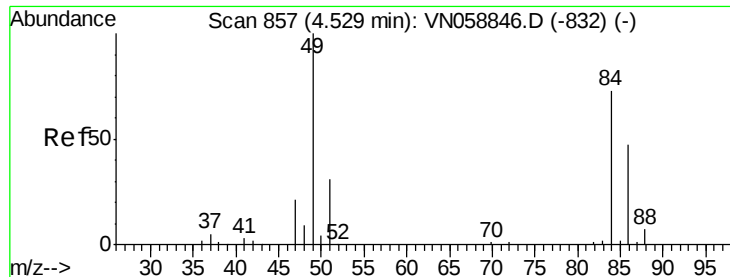
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

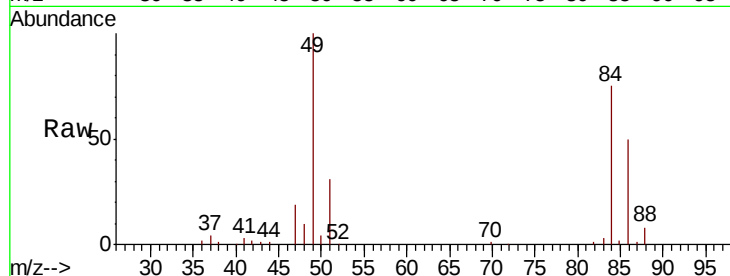




#20
Methylene Chloride
Concen: 41.399 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058989.D
Acq: 28 Oct 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
IDW-SOIL-102519

Tot Ion: 84 Resp: 192403
Ion Ratio Lower Upper
84 100
49 132.8 109.6 164.4
51 41.0 33.8 50.6
86 66.4 51.5 77.3



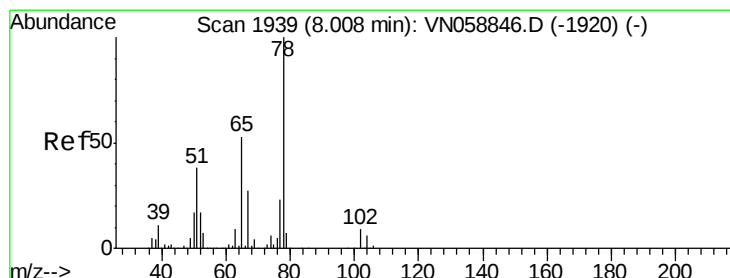
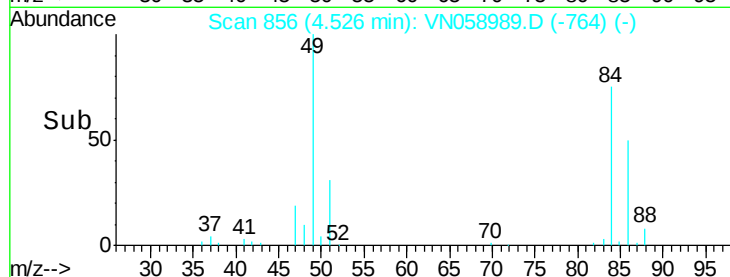
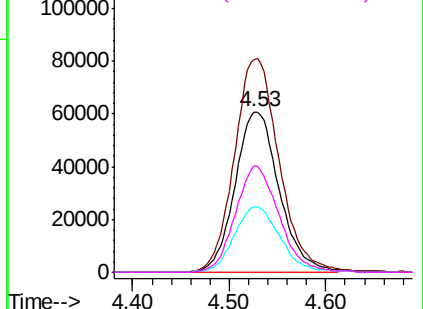
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

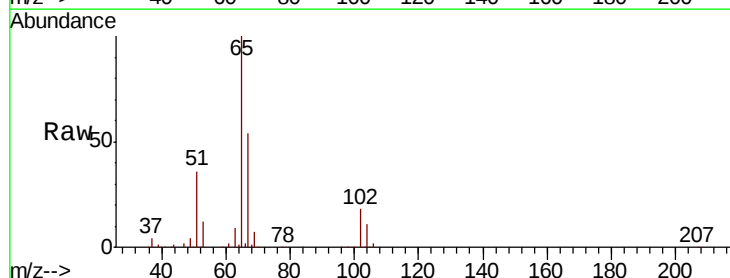
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: 46.126 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058989.D
Acq: 28 Oct 2019 12:00

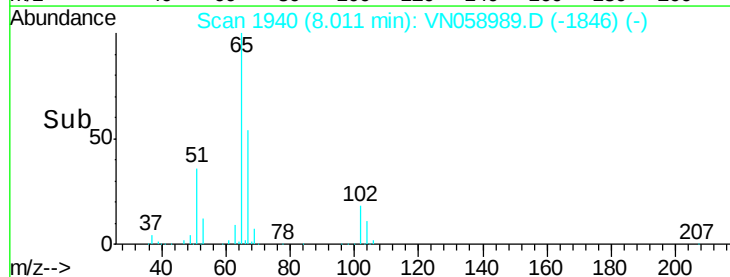
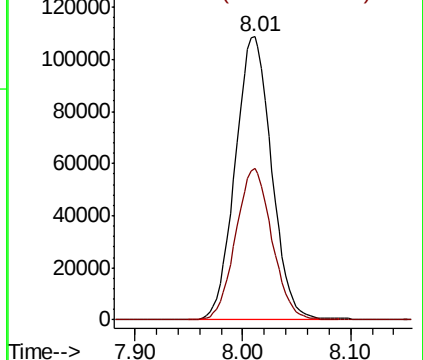
Tgt Ion: 65 Resp: 254066
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.2

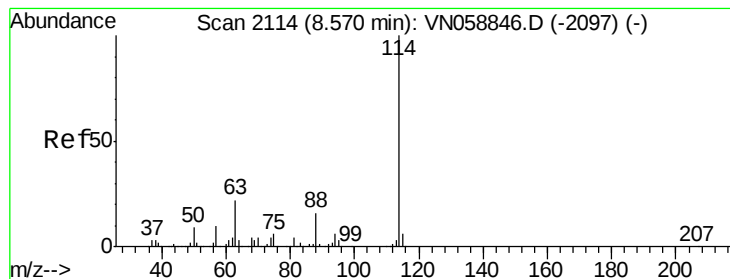


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN058989.D

Acq: 28 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-102519

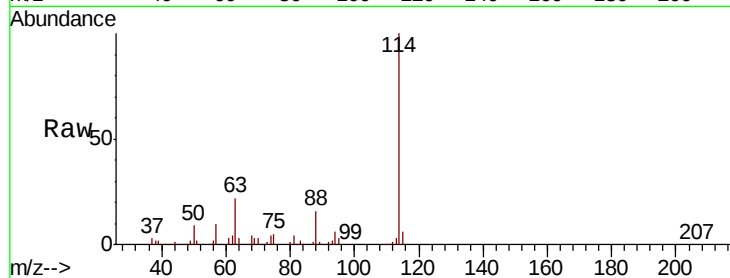
Tot Ion:114 Resp: 588458

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

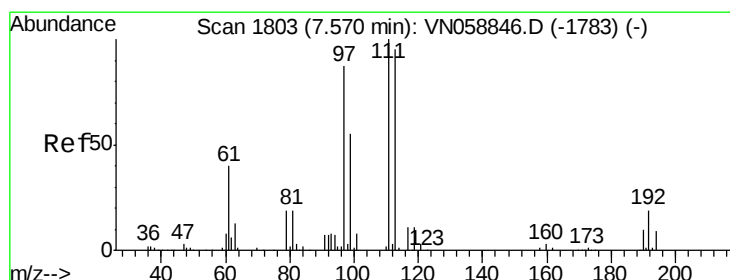
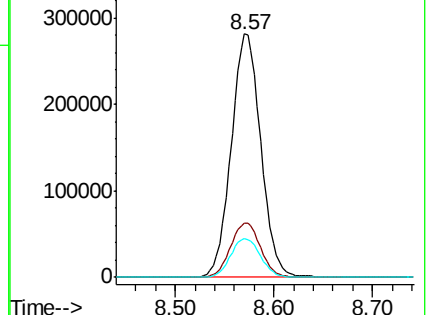
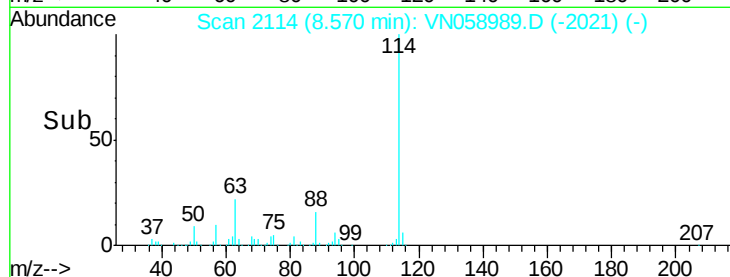
88 15.9 0.0 31.4



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: 49.932 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058989.D

Acq: 28 Oct 2019 12:00

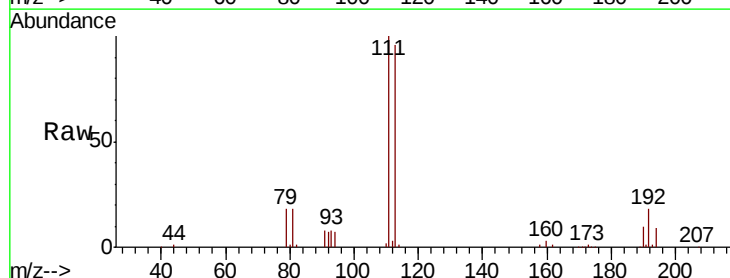
Tgt Ion:113 Resp: 193183

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

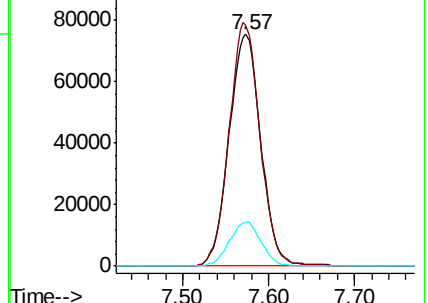
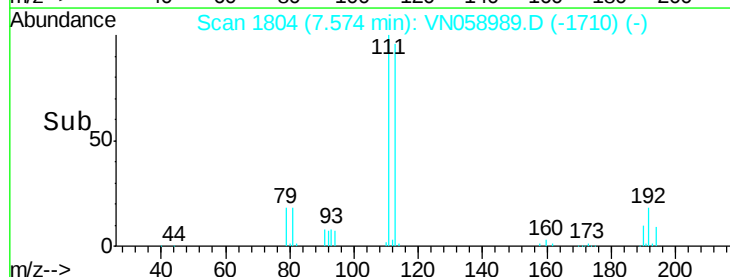
192 18.9 15.0 22.6

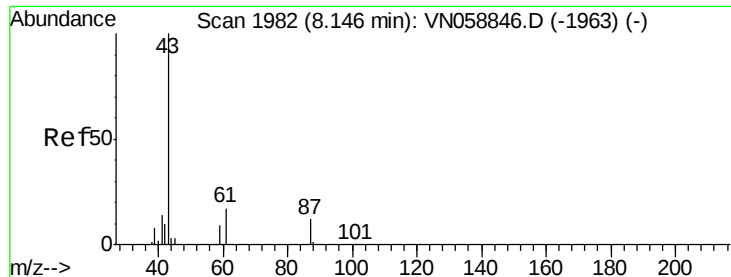


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.944 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058989.D

Acq: 28 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-102519

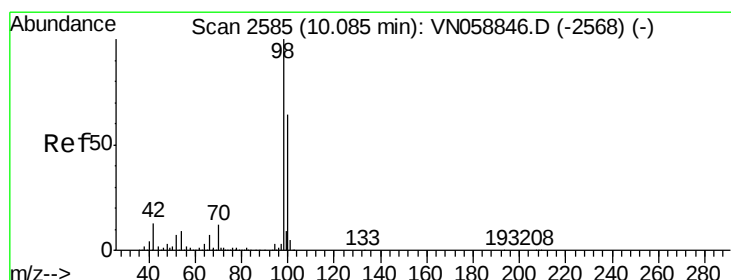
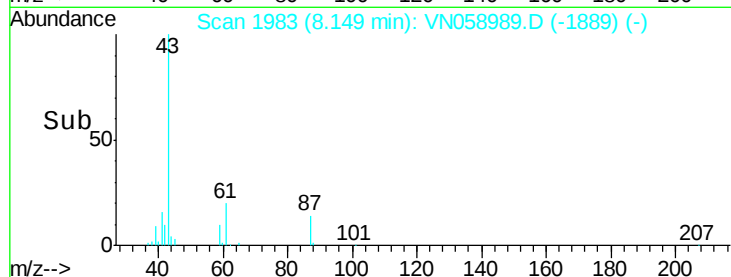
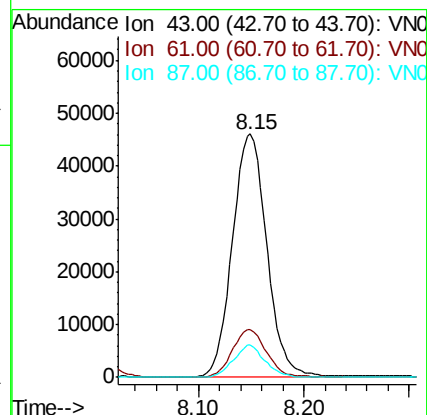
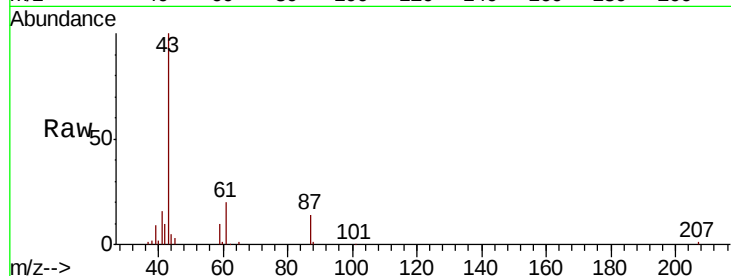
Tot Ion: 43 Resp: 104690

Ion Ratio Lower Upper

43 100

61 19.3 20.2 30.2#

87 12.1 9.5 14.3



#50

Toluene-d8

Concen: 49.745 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058989.D

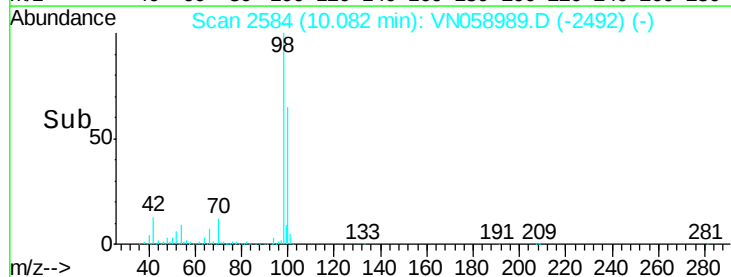
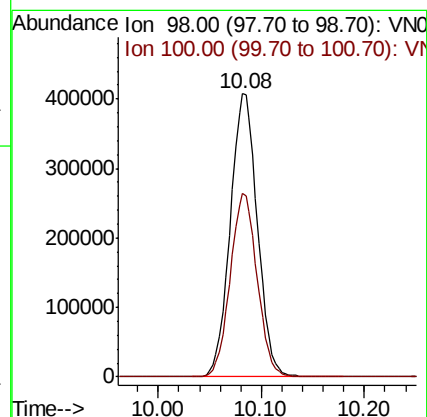
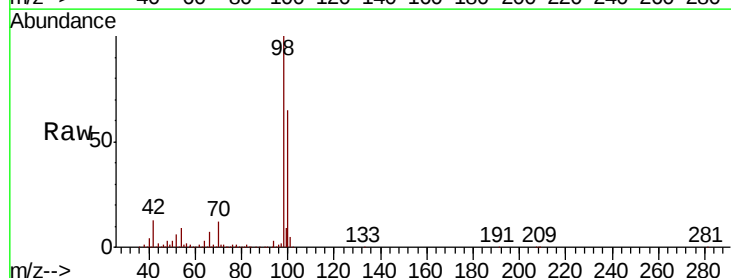
Acq: 28 Oct 2019 12:00

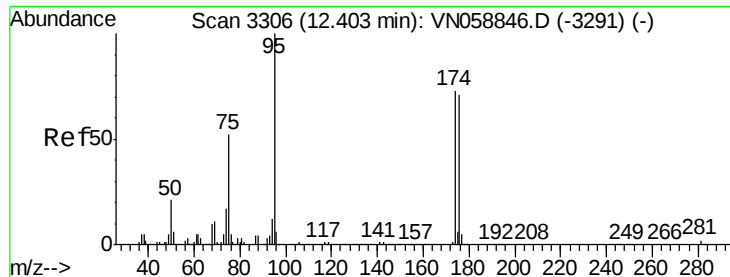
Tgt Ion: 98 Resp: 747108

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 42.218 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058989.D

Acq: 28 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-102519

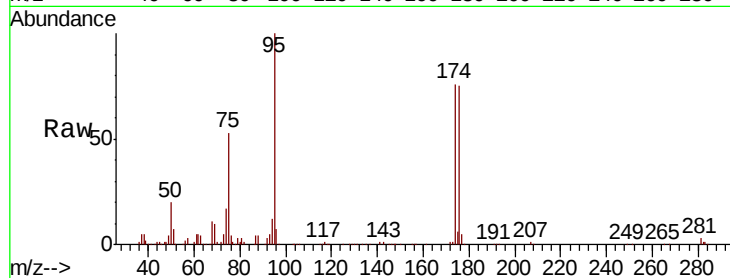
Tot Ion: 95 Resp: 232842

Ion Ratio Lower Upper

95 100

174 77.0 0.0 147.6

176 74.8 0.0 143.2

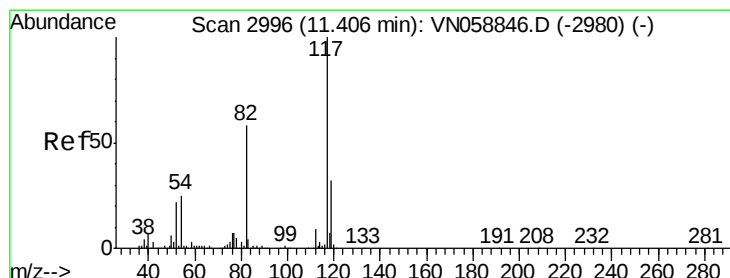
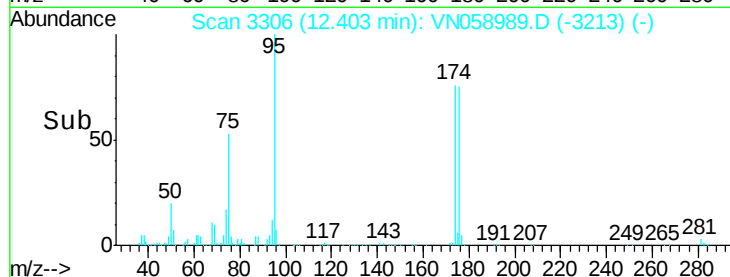


Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058989.D

Acq: 28 Oct 2019 12:00

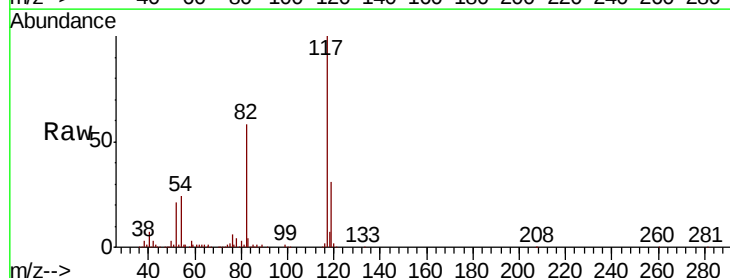
Tgt Ion: 117 Resp: 531916

Ion Ratio Lower Upper

117 100

82 58.1 46.6 69.8

119 31.1 25.6 38.4

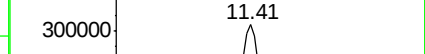
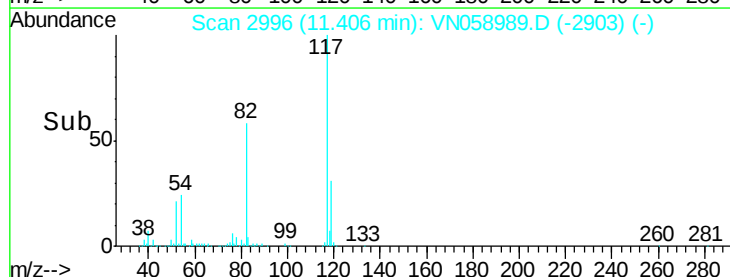


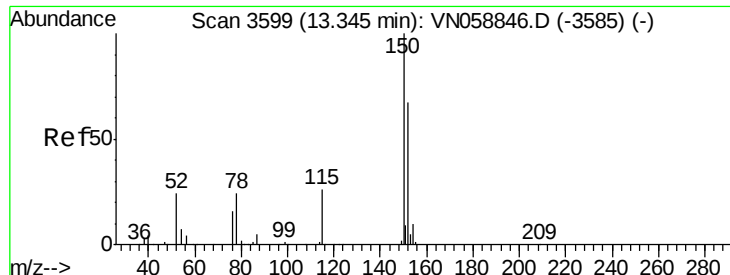
Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058989.D

Acq: 28 Oct 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-102519

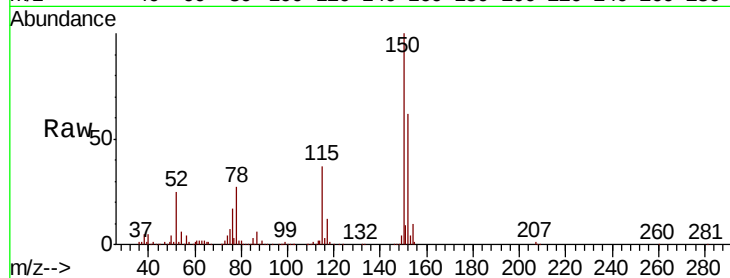
Tot Ion:152 Resp: 191997

Ion Ratio Lower Upper

152 100

115 60.0 30.5 91.5

150 160.0 0.0 344.4



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

