

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058768.D
 Acq On : 14 Oct 2019 22:48
 Operator : JC/SP
 Sample : K5293-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KEARNY-TOPSOIL

Quant Time: Oct 15 04:32:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

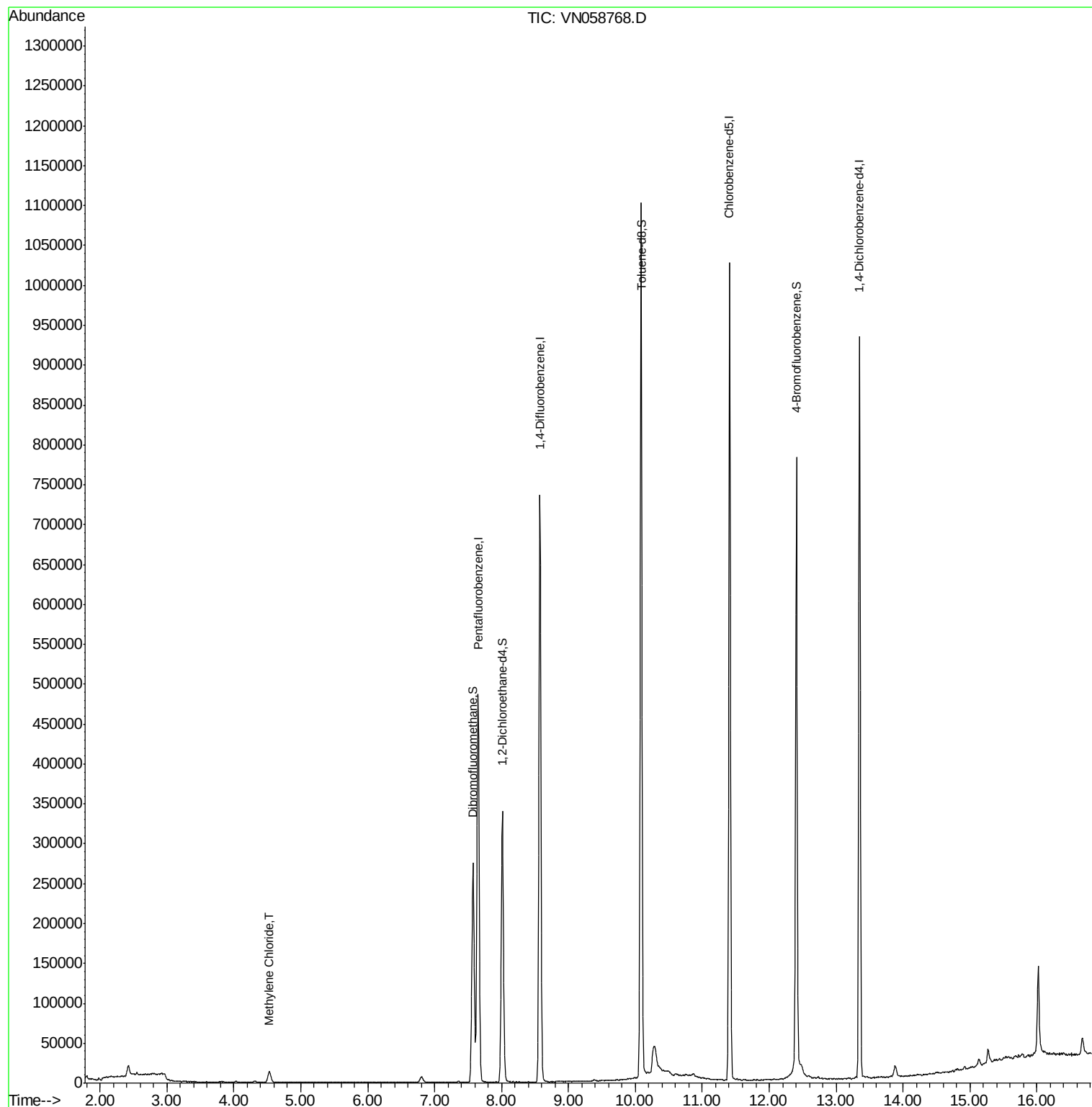
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	380140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	631770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	296188	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
35) Dibromofluoromethane	7.57	113	212033	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
50) Toluene-d8	10.08	98	747069	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.41	95	255171	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
20) Methylene Chloride	4.53	84	10855	2.357	ug/l	Qvalue 97

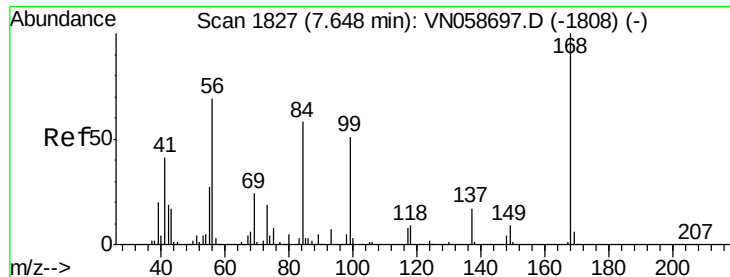
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN058768.D

Acq: 14 Oct 2019 22:48

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MSVOA_N

ClientSampleId :

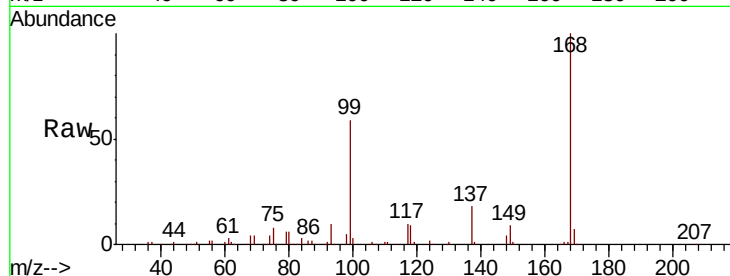
KEARNY-TOPSOIL

Tot Ion:168 Resp: 380140

Ion Ratio Lower Upper

168 100

99 59.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

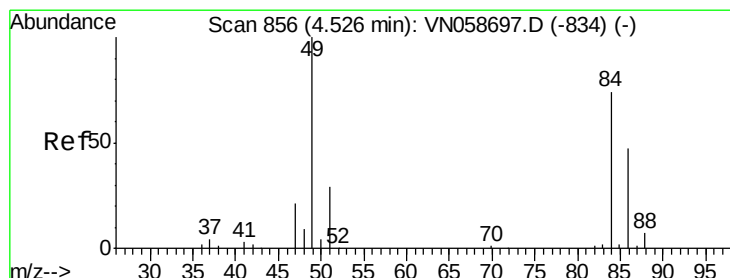
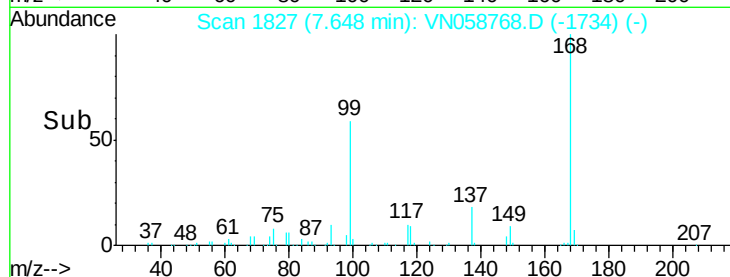
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.357 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058768.D

Acq: 14 Oct 2019 22:48

Tgt Ion: 84 Resp: 10855

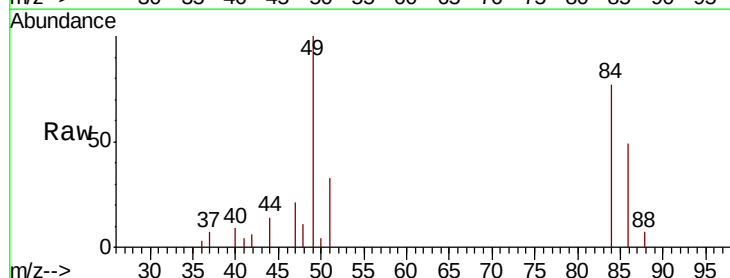
Ion Ratio Lower Upper

84 100

49 130.6 107.6 161.4

51 43.3 31.4 47.0

86 63.3 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

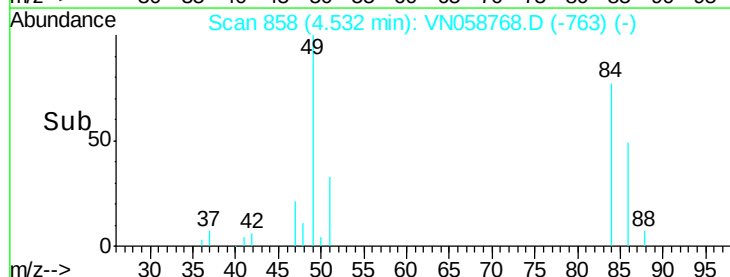
6000

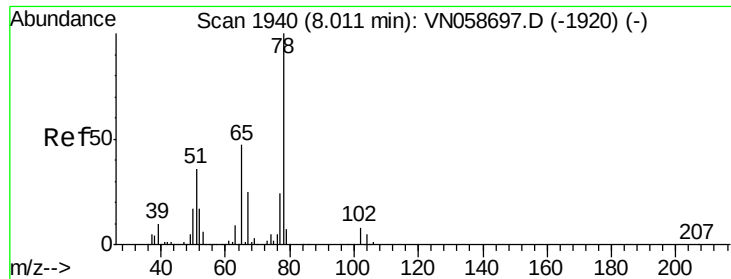
4000

2000

0

Time-->

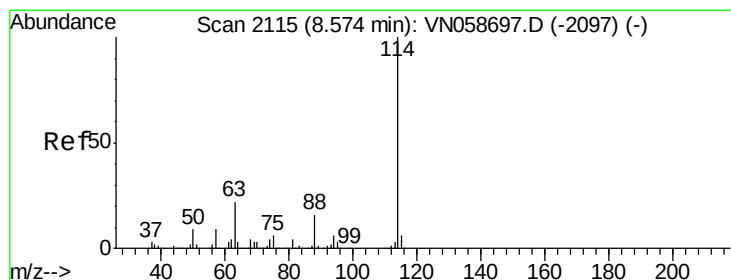
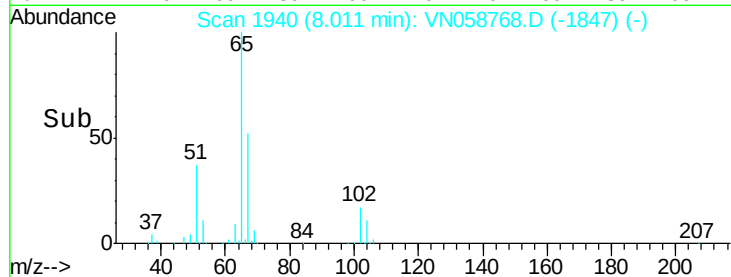
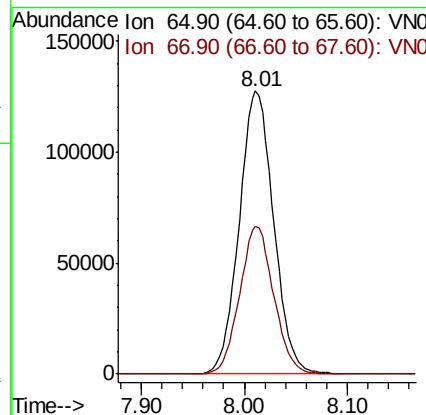
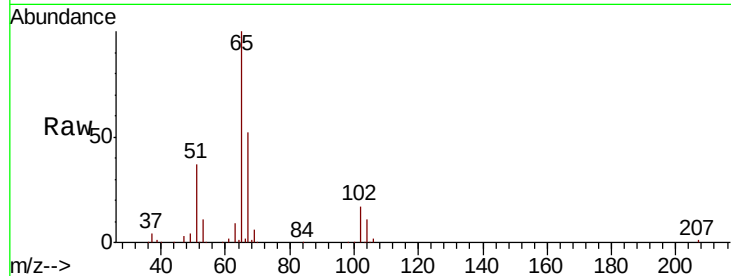




#33
 1,2-Dichloroethane-d4
 Concen: 55.655 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058768.D
 Acq: 14 Oct 2019 22:48

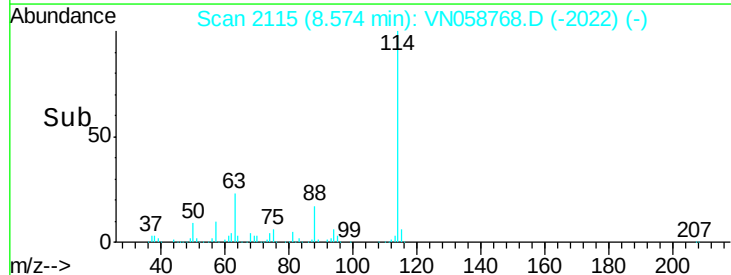
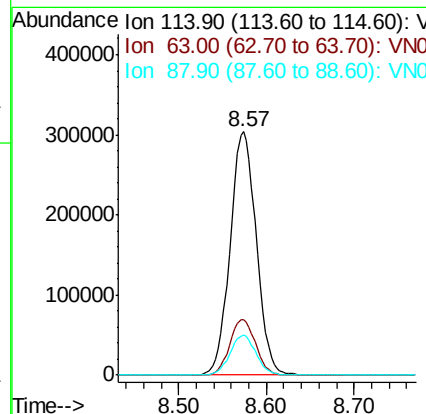
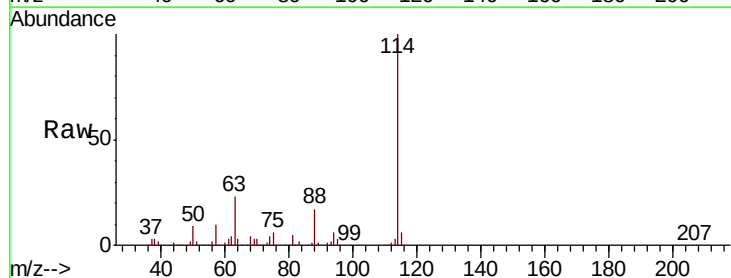
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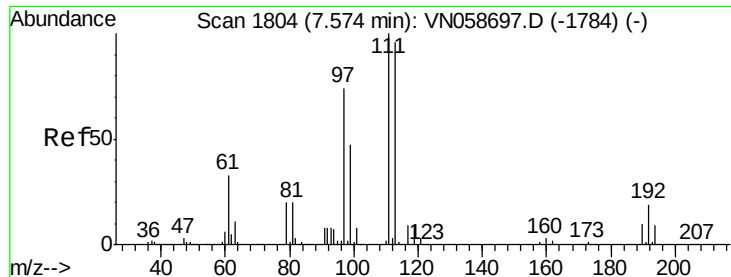
Tot Ion: 65 Resp: 296188
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058768.D
 Acq: 14 Oct 2019 22:48

Tgt Ion: 114 Resp: 631770
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.8
 88 16.5 0.0 32.0

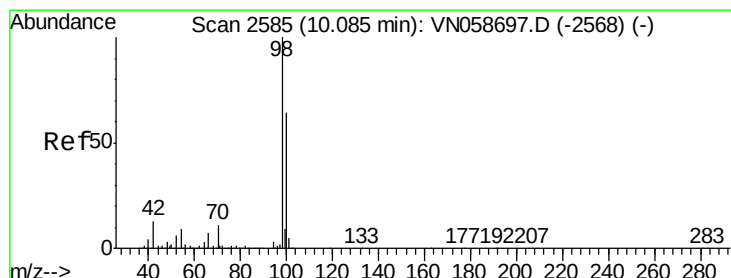
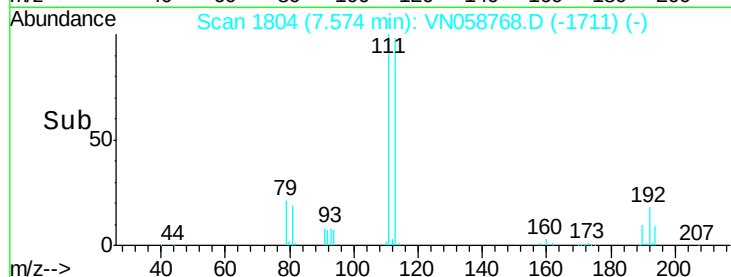
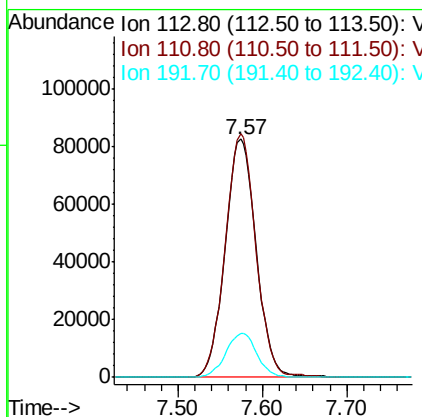
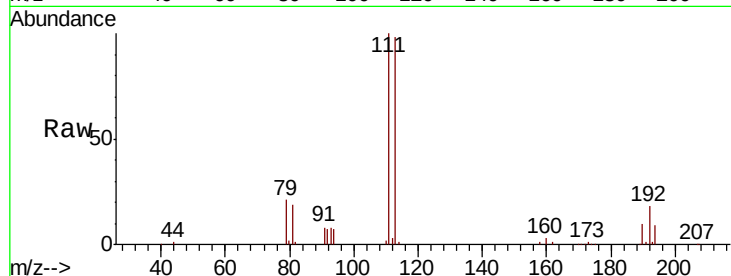




#35
 Dibromofluoromethane
 Concen: 54.335 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058768.D
 Acq: 14 Oct 2019 22:48

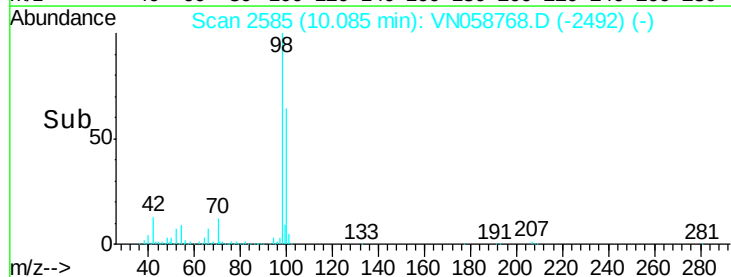
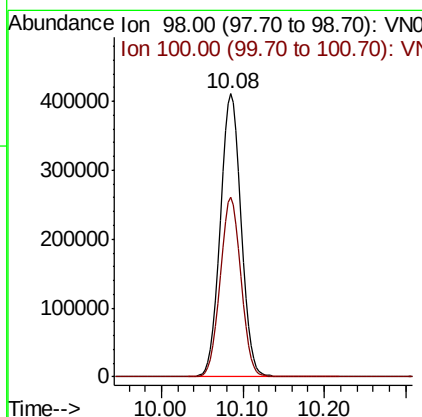
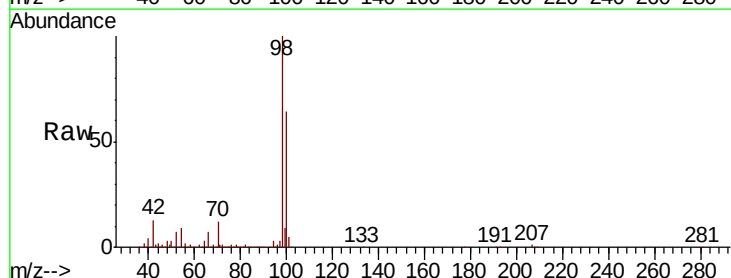
Instrument :
 MSVOA_N
 ClientSampleId :
 KEARNY-TOPSOIL

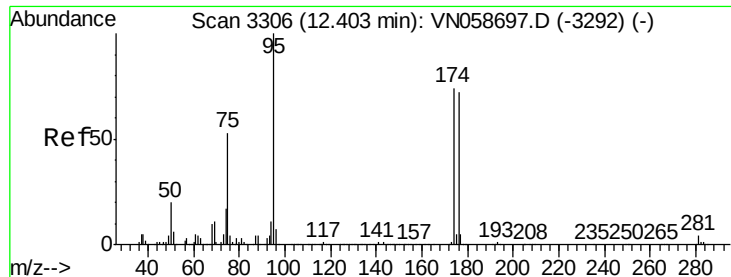
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.3	123.5
192	18.6	15.0	22.6



#50
 Toluene-d8
 Concen: 47.874 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058768.D
 Acq: 14 Oct 2019 22:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 43.199 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058768.D

Acq: 14 Oct 2019 22:48

Instrument :

MSVOA_N

ClientSampleId :

KEARNY-TOPSOIL

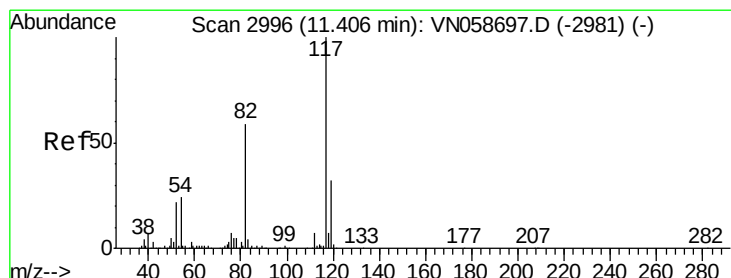
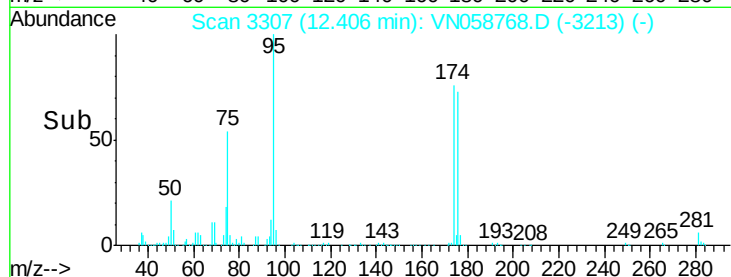
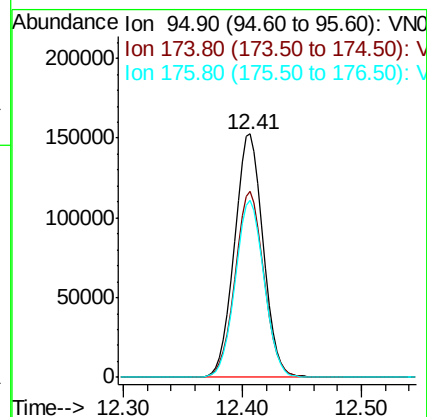
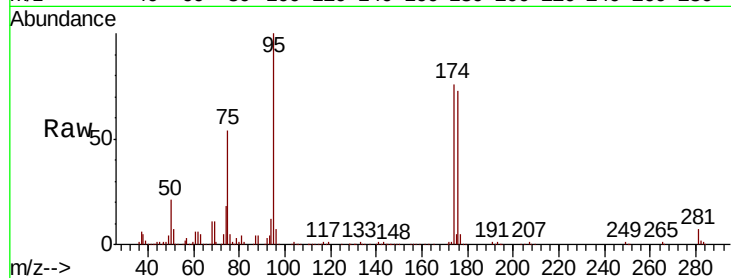
Tot Ion: 95 Resp: 255171

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.4

176 73.0 0.0 146.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058768.D

Acq: 14 Oct 2019 22:48

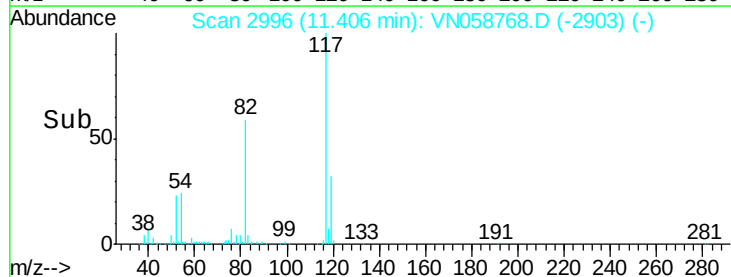
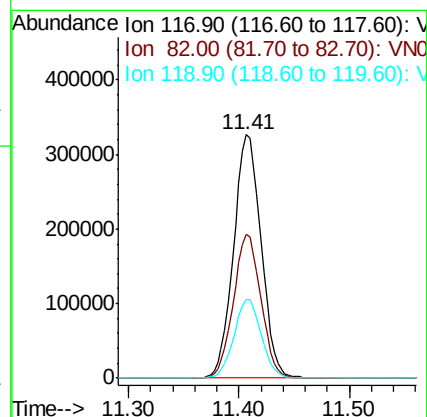
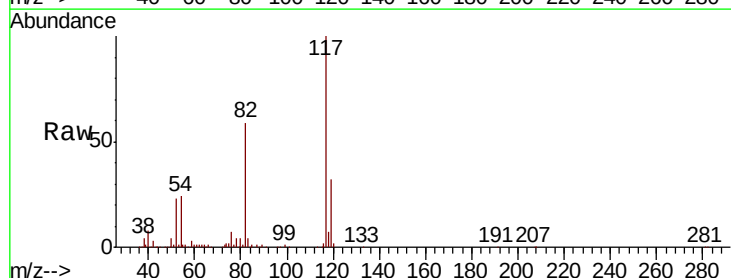
Tgt Ion: 117 Resp: 566210

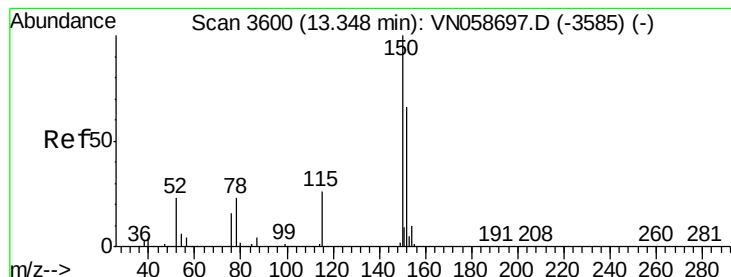
Ion Ratio Lower Upper

117 100

82 58.9 47.0 70.4

119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058768.D

Acq: 14 Oct 2019 22:48

Instrument :

MSVOA_N

ClientSampleId :

KEARNY-TOPSOIL

Tot Ion:152 Resp: 237026

Ion Ratio Lower Upper

152 100

115 60.2 30.4 91.2

150 157.2 0.0 345.4

