

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058942.D
 Acq On : 23 Oct 2019 19:48
 Operator : JC/SP
 Sample : K5489-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SECONDARY-PILE-SLP

Quant Time: Oct 24 03:05:46 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

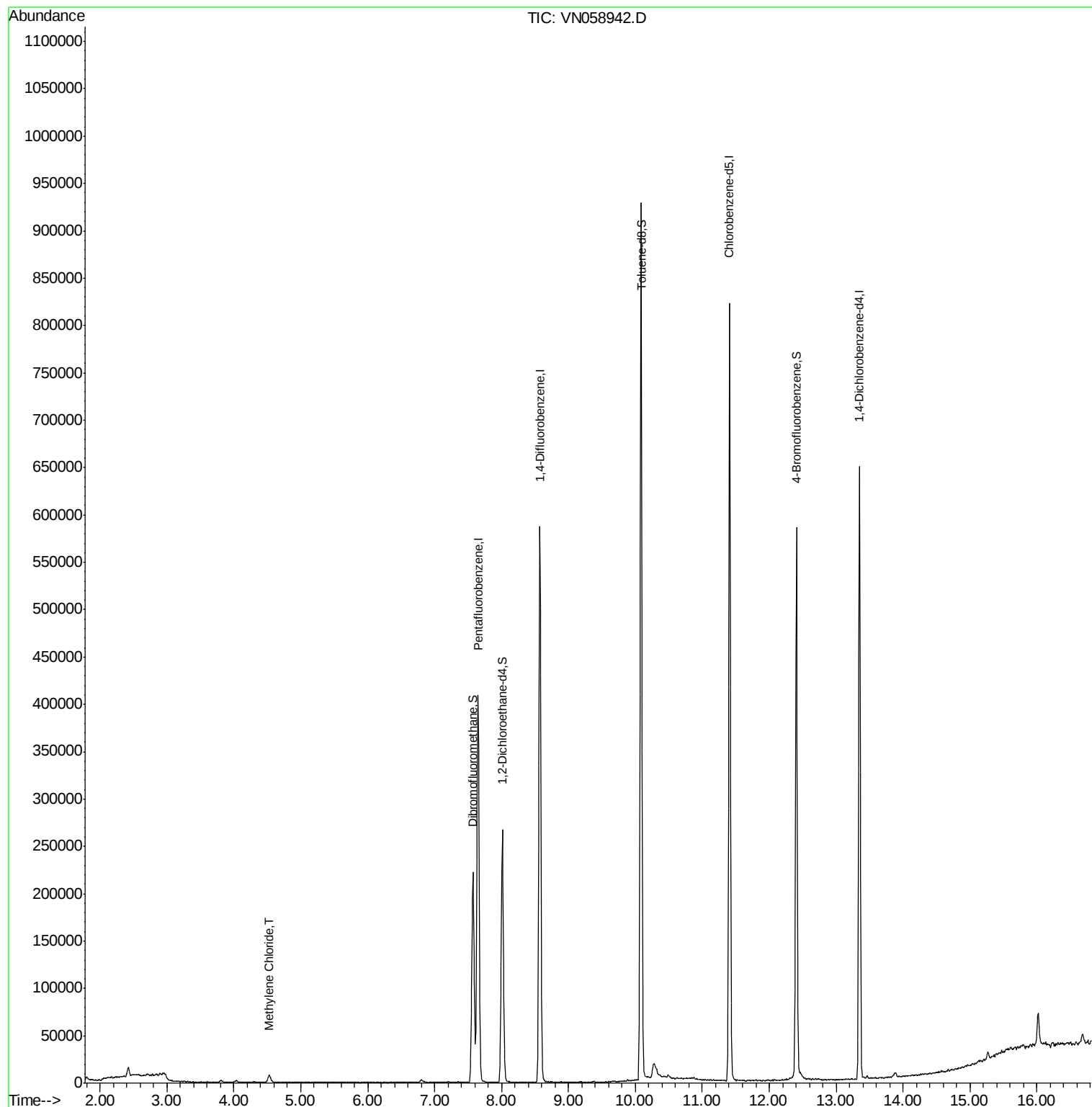
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	319446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	506751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	450913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	234283	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	7.57	113	172531	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	10.08	98	626797	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	198441	41.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.56%	
Target Compounds						
20) Methylene Chloride	4.53	84	5212	1.318	ug/l	Qvalue 91

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

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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: VN058942.D

Acq: 23 Oct 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

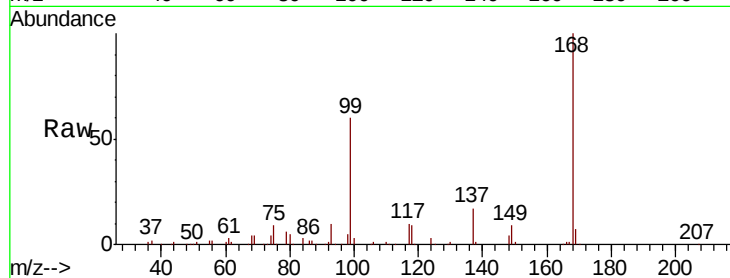
SECONDARY-PILE-SLP

Tot Ion:168 Resp: 319446

Ion Ratio Lower Upper

168 100

99 60.1 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

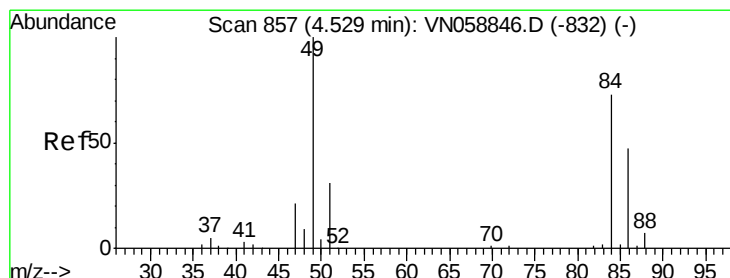
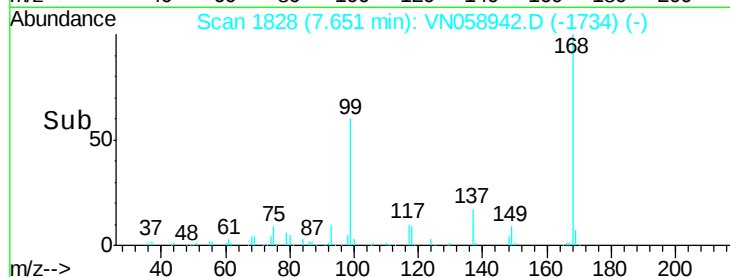
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.318 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN058942.D

Acq: 23 Oct 2019 19:48

Tgt Ion: 84 Resp: 5212

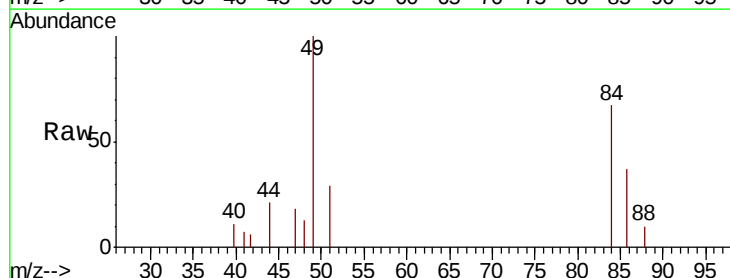
Ion Ratio Lower Upper

84 100

49 148.8 109.6 164.4

51 43.2 33.8 50.6

86 55.6 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4000

3000

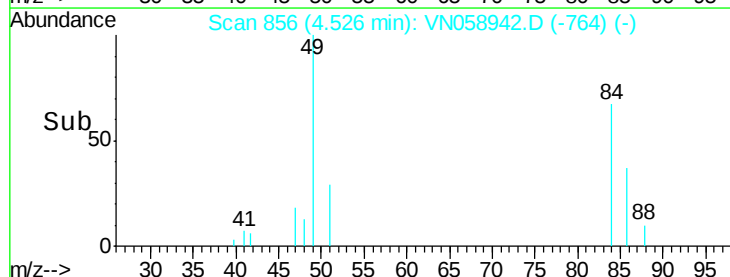
2000

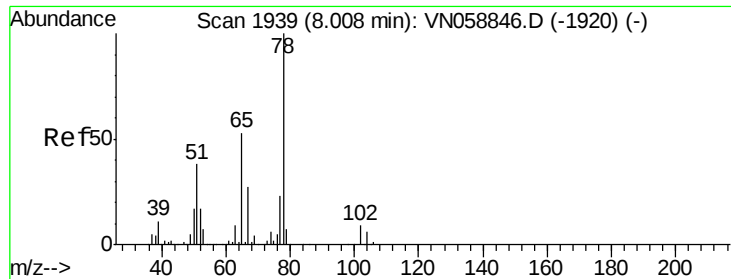
1000

0

4.45 4.50 4.55 4.60

Time-->

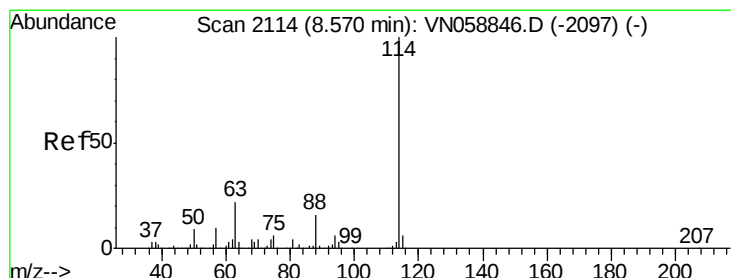
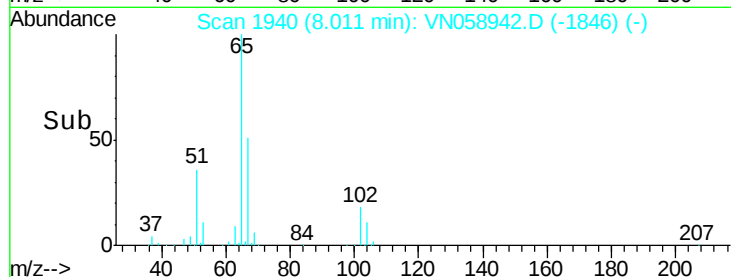
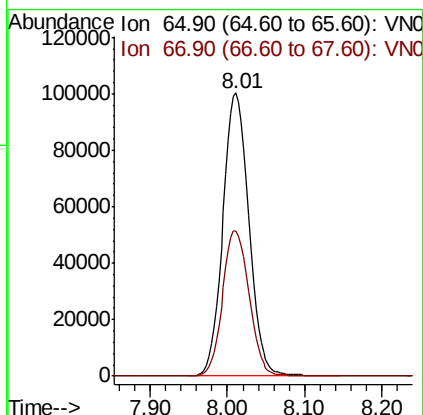
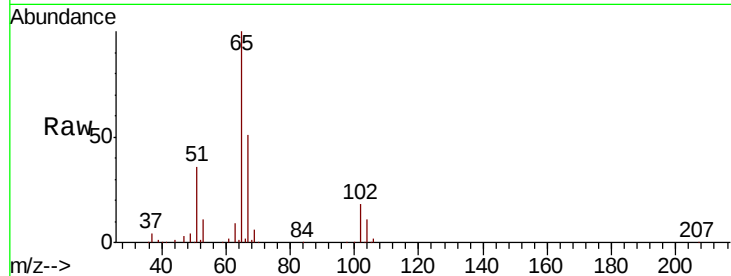




#33
 1,2-Dichloroethane-d4
 Concen: 50.005 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058942.D
 Acq: 23 Oct 2019 19:48

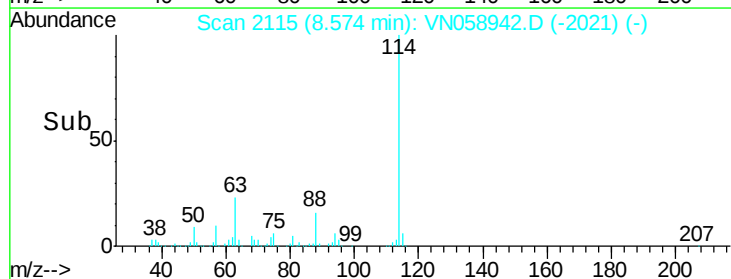
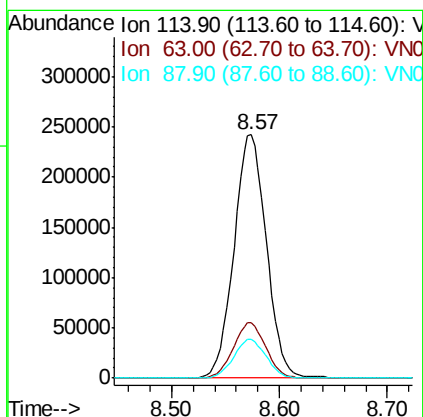
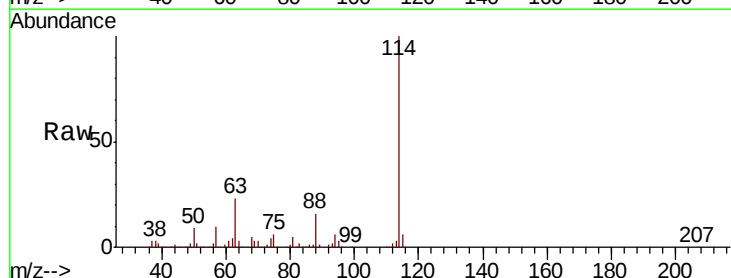
Instrument :
 MSVOA_N
 ClientSampleId :
 SECONDARY-PILE-SLP

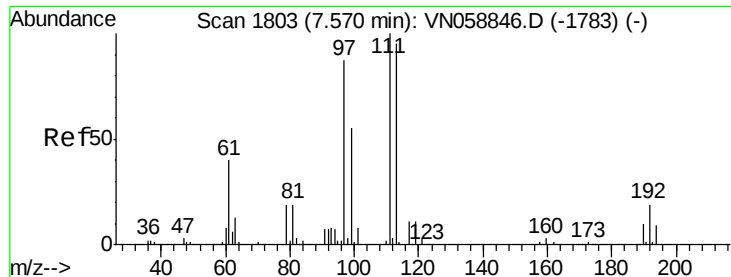
Tot Ion: 65 Resp: 234283
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058942.D
 Acq: 23 Oct 2019 19:48

Tgt Ion: 114 Resp: 506751
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.4
 88 15.9 0.0 31.4

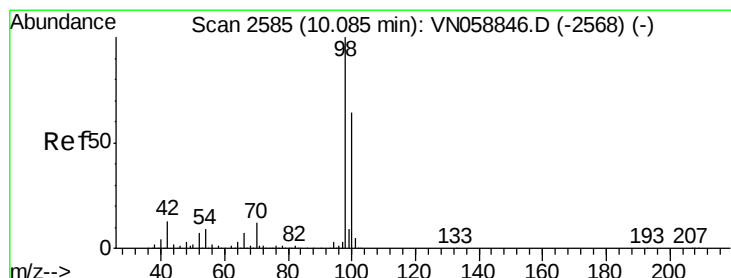
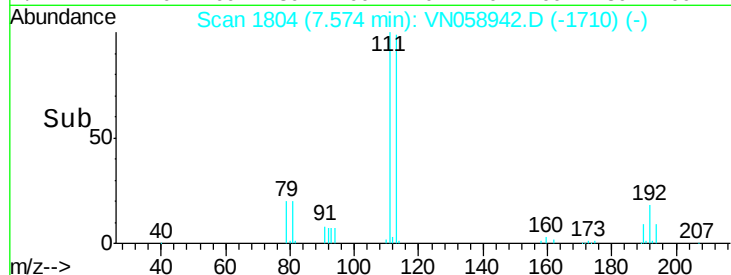
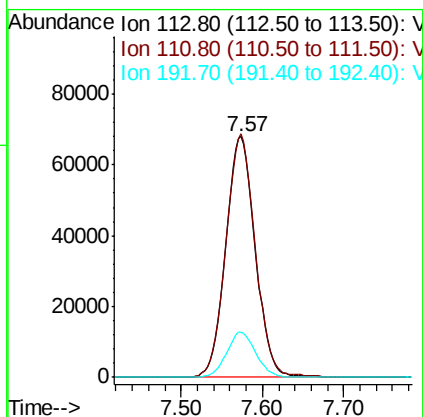
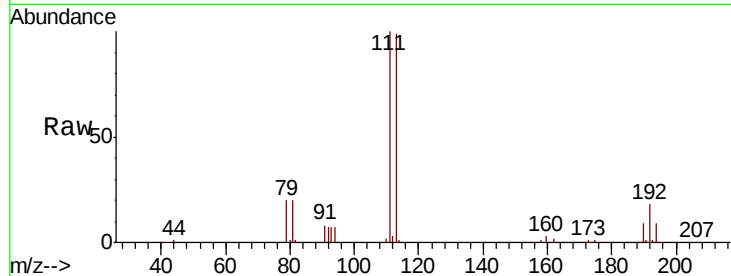




#35
Dibromofluoromethane
Concen: 51.784 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058942.D
Acq: 23 Oct 2019 19:48

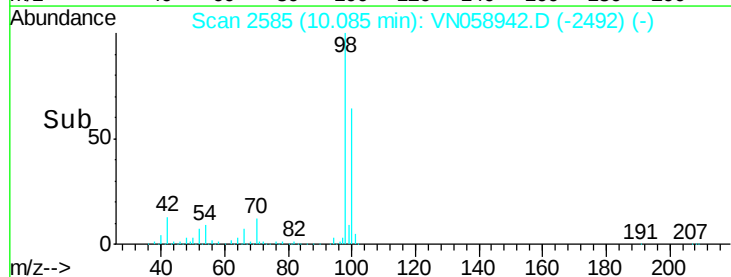
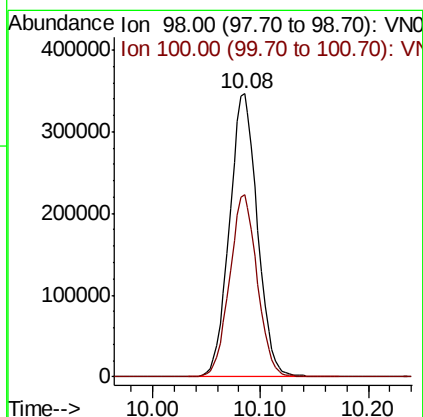
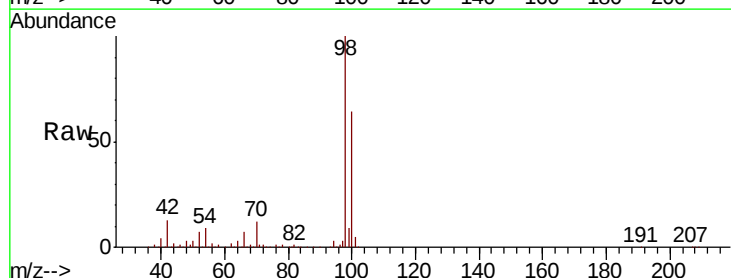
Instrument :
MSVOA_N
ClientSampleId :
SECONDARY-PILE-SLP

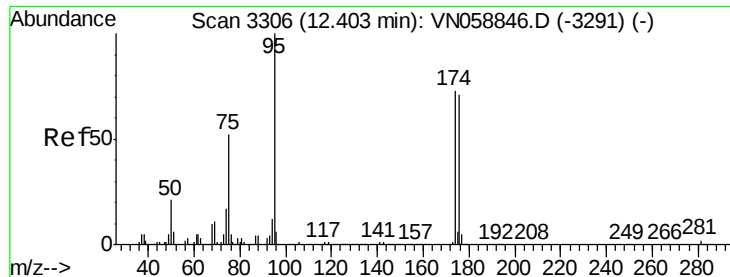
Tot Ion:113 Resp: 172531
Ion Ratio Lower Upper
113 100
111 100.6 82.0 123.0
192 18.5 15.0 22.6



#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058942.D
Acq: 23 Oct 2019 19:48

Tgt Ion: 98 Resp: 626797
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 41.782 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058942.D

Acq: 23 Oct 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

SECONDARY-PILE-SLP

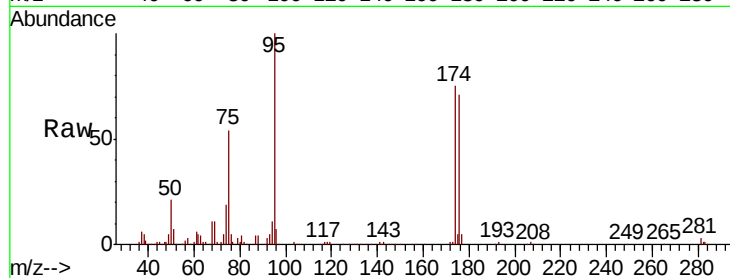
Tot Ion: 95 Resp: 198441

Ion Ratio Lower Upper

95 100

174 77.0 0.0 147.6

176 73.5 0.0 143.2

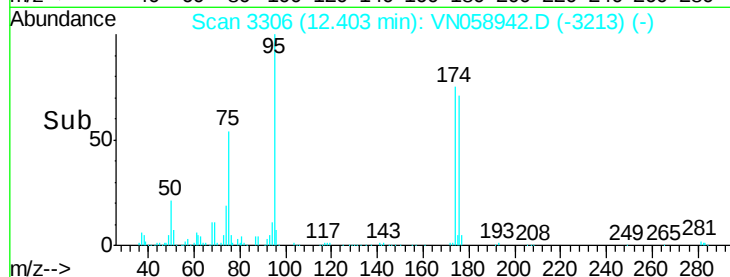


Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

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

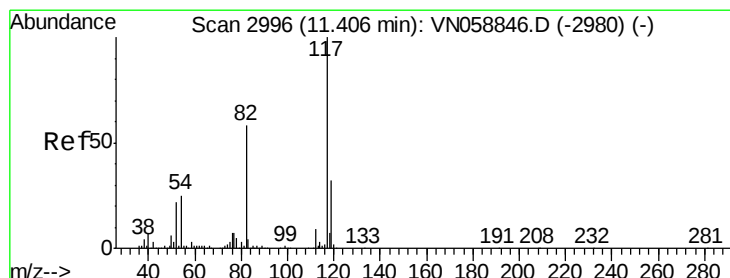


Abundance Ion 94.90 (94.60 to 95.60): VN058942.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058942.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058942.D (-3213) (-)

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: VN058942.D

Acq: 23 Oct 2019 19:48

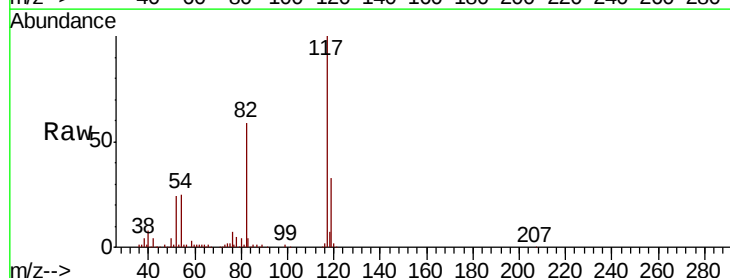
Tgt Ion: 117 Resp: 450913

Ion Ratio Lower Upper

117 100

82 59.4 46.6 69.8

119 32.5 25.6 38.4

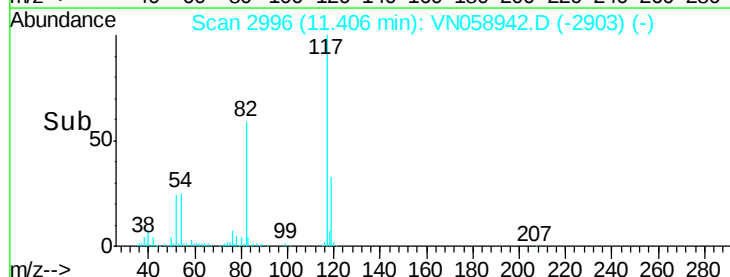


Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

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

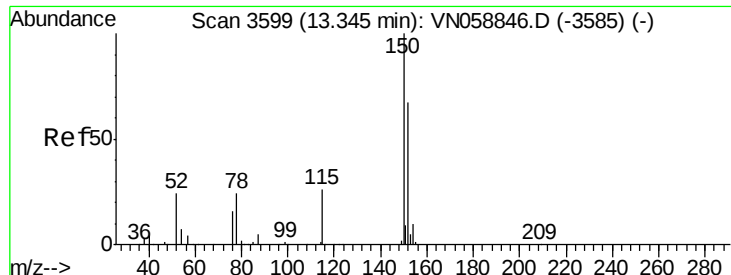


Abundance Ion 116.90 (116.60 to 117.60): VN058942.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058942.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058942.D (-2903) (-)

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: VN058942.D

Acq: 23 Oct 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

SECONDARY-PILE-SLP

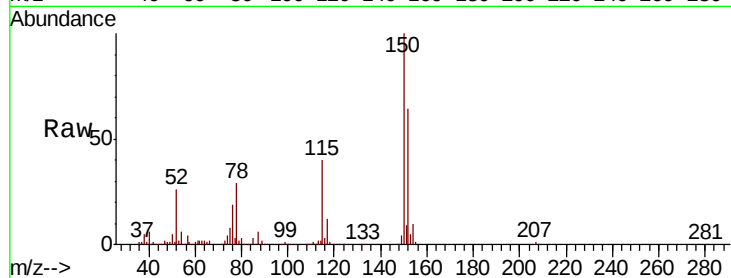
Tot Ion:152 Resp: 166507

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

150 156.7 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

